

STANDARDISED

ROOM DATA FOR HEALTH FACILITY

*VOLUME I :
ROOM DATA SHEET & FOUR WALL ELEVATION*

VOLUME I



Kementerian Kesihatan Malaysia

STANDARDISED

ROOM DATA HEALTH FACILITY

VOLUME I :
ROOM DATA SHEET & FOUR WALL ELEVATION



Kementerian Kesihatan Malaysia

JKR-20802-0034-15

ISBN 978-967-5957

2017 JABATAN KERJA RAYA MALAYSIA

HAK CIPTA TERPELIHARA

Tidak dibenarkan mengeluarkan mana-mana bahagian artikel, ilustrasi, dan isi kandungan dokumen ini dalam apa jua bentuk dengan apa jua cara sama ada cara elektronik, mekanikal, salinan, rakaman, atau cara lain sebelum mendapat keizinan bertulis daripada Jabatan Kerja Raya Malaysia.

» KATA - KATA ALUAN

CAWANGAN ARKITEK,
JABATAN KERJA RAYA MALAYSIA

Tahniah dan syabas di atas penerbitan Standardisasi Data Ruang Fasiliti Kesihatan. Terima kasih tidak terhingga kepada semua yang terlibat dalam penghasilan dokumen ini terutamanya dari Kementerian Kesihatan Malaysia, pasukan perekabentuk dari JKR iaitu Bahagian Reka Bentuk Fasiliti Kesihatan 1 dan Bahagian Reka Bentuk Fasiliti Kesihatan 2 dari Cawangan Arkitek, Cawangan Kejuruteraan Mekanikal, Cawangan Kejuruteraan Elektrik dan Bahagian ICT dari Cawangan Kejuruteraan Elektrik serta Bahagian Kepakaran Seni Bina, Cawangan Arkitek sebagai pihak urus setia.

Adalah diharapkan kerjasama semua pihak yang terlibat dalam penghasilan dokumen ini dapat meningkatkan pelaksanaan projek dari masa ke semasa di samping menjimatkan masa dalam *Room Data Interaction* tanpa mengabaikan kualiti dan memastikan kos yang konsisten dalam reka bentuk. Semoga dokumen ini dapat memberi manfaat untuk setiap perekabentuk yang terlibat.

Ar. ZAIRUL AZIDIN BADRI
Pengarah Kanan Cawangan Arkitek,
Ibu Pejabat JKR Malaysia.

Disember 2017



Penerbitan dokumen Standardisasi Data Ruang Fasiliti Kesihatan ini adalah bertepatan dengan senario proses pembangunan reka bentuk fasiliti kesihatan masa kini yang agak kompleks dan mengambil masa panjang. Justeru itu, dokumen ini merupakan salah satu mekanisma yang baik dalam memberi garis panduan mengenai kepentingan kelengkapan sesebuah bilik atau ruang selaras dengan keperluan perubatan.

Dengan adanya dokumen ini, diharapkan kualiti reka bentuk fasiliti kesihatan akan dapat dipertingkatkan lagi serta mempercepatkan lagi pelaksanaan projek. Garis panduan ini merupakan nilai tambah dalam pelaksanaan projek di masa hadapan. Dokumen ini merupakan langkah pertama yang mengandungi 54 bilik atau ruang piawai dan saya berharap usaha ini dapat diteruskan dengan menambah bilangan bilik atau ruang yang sesuai untuk diwujudkan.

Akhir kata, sekali lagi saya ucapkan tahniah kepada warga JKR dan KKM yang telah terlibat memberi buah fikiran dalam penghasilan dokumen ini dan terus meneroka pendekatan baharu serta menghasilkan inovasi untuk menambah baik penyampaian perkhidmatan kerajaan secara berterusan.

Semoga dokumen ini mampu memberi impak yang tinggi seterusnya menjadi panduan dan rujukan oleh semua pihak dalam melaksanakan proses pembangunan reka bentuk fasiliti kesihatan dengan lebih berkesan.

Selamat maju jaya.

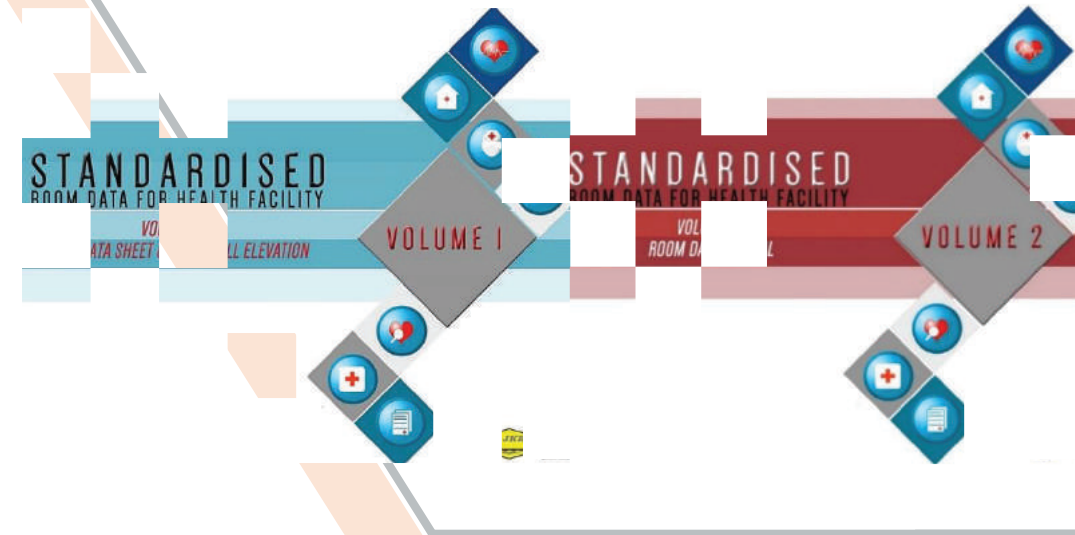
DATUK DR. ROHAIZAT YON
Pengarah
Bahagian Perancangan,
Kementerian Kesihatan Malaysia.

Disember 2017



PENGENALAN

Jabatan Kerja Raya (JKR) telah lama melaksanakan standardisasi kepada semua proses kerjanya termasuk reka bentuk bangunan yang lazimnya berskala besar dan kompleks. Bagi bangunan Fasiliti Kesihatan terdapat susun atur bilik-bilik dan ruang-ruang di dalamnya yang boleh diseragamkan. Memandangkan kebanyakan bilik bilik di dalam reka bentuk Fasiliti Kesihatan adalah berulang ulang - dan mempunyai fungsi yang sama, maka keperluan standardisasi boleh dilaksanakan ke atas reka bentuk seumpamanya. Ini akan membantu menjimatkan masa dan kos terutama pada peringkat reka bentuk.



OBJEKTIF >

Objektif Program Standardisasi Data Ruang Fasiliti Kesihatan adalah seperti berikut:

- A. Memastikan kualiti dan kos yang konsisten dalam reka bentuk.
- B. Memastikan penjimatan masa dan kos dalam *Room Data Interaction*.
- C. Memastikan input teknikal semua pihak HODT dan keperluan pelanggan tepat dan konsisten.

PELAKSANAAN >

JKR telah berkolaborasi dengan Kementerian Kesihatan Malaysia (KKM) untuk melaksanakan Program Pembangunan Standardisasi Data Ruang Fasiliti Kesihatan bagi 54 bilangan bilik jenis klinikal dan bukan klinikal yang terpilih. Program ini melibatkan input teknikal daripada pelbagai disiplin JKR; Arkitek, Mekanikal, Elektrik/ICT dan pihak pelanggan, Kementerian Kesihatan Malaysia. Bahagian Kepakaran Seni Bina, Cawangan Arkitek dilantik sebagai pihak urus setia.

PENERBITAN >

Standardisasi Data Ruang 54 bilik ini terdiri daripada dua jilid iaitu:

Volume 1 - Mengandungi 2 komponen; (i) *Room Data Sheet*; dan (ii) *Four Wall Elevation*.

Volume 2 – *Room Data Manual* yang terdiri daripada 15 komponen turut mengandungi lukisan dan spesifikasi perabot bina dalam, peralatan, keperluan Mekanikal dan Elektrik/ICT.

TERMA RUJUKAN DOKUMEN

Dokumentasi Lukisan dan Room Data Sheet - Umumnya, setiap bilik yang distandardisasikan mempunyai bilangan helaian seperti berikut:

- i. *Room Data Sheet*: 1 helai
- ii. *Four Wall Elevation*: 2 atau 3 helai.

Keluasan dan Ukuran Grid - Keluasan bilik minima telah ditetapkan. Ukuran grid bilik adalah mengikut grid modular, selaras dengan keperluan berkaitan penggunaan/aplikasi *Industrialised Building System (IBS)* dan *Building Information Modelling (BIM)*.

Kod Perabot Terlerai (loose furniture) – Jika terdapat sebarang percanggahan pada kod perabot terlerai di antara lukisan dan maklumat dalam Room Data Sheet, maka lukisan perlu dijadikan sebagai rujukan utama.

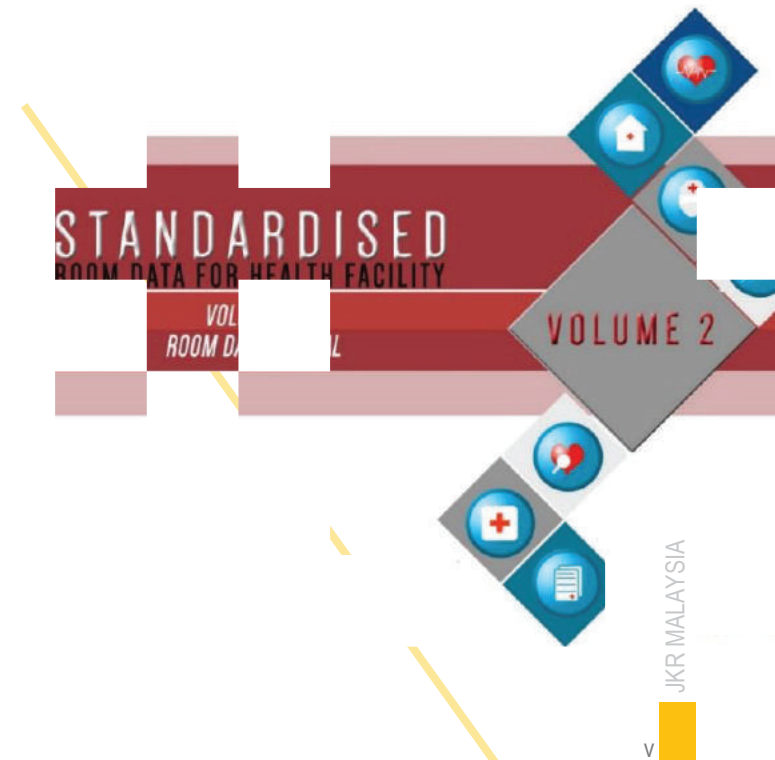
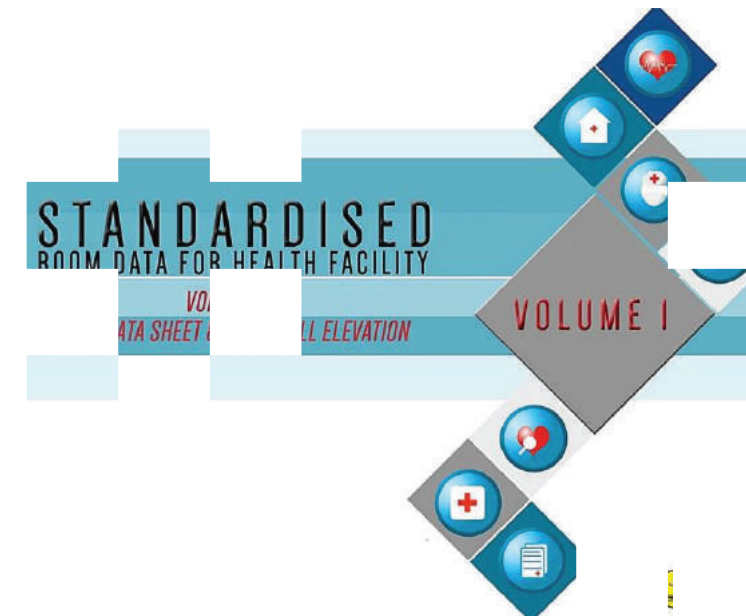
Perabot - Senarai keperluan dan reka bentuk perabot dibahagikan kepada 4 kumpulan:

- A. *Group 1 – Fixed equipment related to Mechanical & Electrical (supply & install by contractor as per contract document)*
- B. *Group 2 – Fixed equipment related to Mechanical & Electrical (supply by client and install by contractor)*
- C. *Group 3 – Loose Equipment (Equipment supply & install by Client)*
- D. *Group 4 – Consumables*

Komponen Tingkap – Posisi/kedudukan serta saiz tingkap dalam dokumen ini hanyalah sebagai panduan sahaja.

Kuantiti Keperluan Mekanikal, Elektrik dan ICT - Kuantiti dinyatakan mengikut keperluan reka bentuk, sekiranya perlu. Sekiranya tiada maklumat kuantiti dinyatakan, ini kerana kuantiti tersebut tidak praktikal untuk distandardisasikan. Contohnya, bilangan *diffuser* penghawa dingin.

Percanggahan Kod Perabot Terlerai – Sekiranya terdapat percanggahan pada kod Perabot Terlerai (*Loose Furniture*) diantara lukisan dan maklumat di dalam *Room Data Sheet*, maka lukisan perlu dijadikan sebagai rujukan utama.



PENGHARGAAN

Penyediaan dokumen ini dimulakan sejak tahun 2014 secara kolaborasi antara Jabatan Kerja Raya Malaysia dan Kementerian Kesihatan Malaysia. Setinggi penghargaan dan ucapan terima kasih kepada semua yang telah memberi sumbangan, idea dan komitmen dalam penghasilan dokumen ini.

JABATAN KERJA RAYA MALAYSIA

PENAUNG

Pengarah Kanan, Cawangan Arkitek (CA)

YBhg. Ar. Zairul Azidin bin Badri

Mantan Pengarah Kanan, CA

YBhg. Ar. Sutina binti Ghazalli

Pengarah Bhg. Reka Bentuk & Pembangunan Kepakaran, CA

YBrs. Nik Ainun Zanariah Nik Abd Rashid

BAHAGIAN REKA BENTUK FASILITI KESIHATAN 1, CAWANGAN ARKITEK

Ar. Cheong Lai Ching	Hanis Safiah Hamizan
Ar. Tengku Zahariah Tengku Amir	Rozi Maria Mohd Nasir
Mohd Fadhlan Ahmad	Nurun Najma Mukri
Rahawiah Shafiei	Rosmawatisari Abas
Ar. Norzaiti Ahmad Zubaidi	Suhairi Jantan
Maryati Masjidan	Indra Muniandy
Ar. Ismail Ali	Vasuki Kana a/p Kanneson
Jamilah Halina Abdul Halim	Nor Izatul Azni Zulkefli
Ar. Noraslinda Abdul Rahman	Nur Afiqah Yusof
Mohd Irwan Mohd Tawil	Ashri Che Mee
Ar. Nurnajdah Fatimah Mohd Najib	Mohd Basrin Abdul Aziz
Norshahida Azili	Mohd Harmizi Mat Zakaria

BAHAGIAN REKA BENTUK FASILITI KESIHATAN 2, CAWANGAN ARKITEK

Ar. Hasnah Yun	Nor Hidayu Jamari
Haslina Sumairi	Aimi Shairah Zamani
Ar. Hani Yuliati Mohd Lasa	Mardiah Lokman
Mohd Firdaus Mohd Zainol	Yussita Yusof
Nurzuliana Mohd Nor	Mohd Fauzi Suradi
Ar. Mohd Erwan Othman	Zaleha Suleiman
Fadilah Zain Hasirun	Shamsudin Ismail
Muhamad Lutfie Mohd Shah	Noremy Suratani
Meor Emri Farid Meor Abdul Ghani	Radha Subramaniam
Nor Fadilah Mohamad Ansari	

CAWANGAN KEJURUTERAAN MEKANIKAL

Pengarah Kanan

YBrs. Ir. Gopal Narian Kutty

Bahagian Reka Bentuk Fasiliti Kesihatan

Ir. Ismail A. Rahman
Ir. Ahmad Apandi Lakin
Ir. Mohd Azmi Asif
Ir. Hisham Mokhtar
Muhafiz Mahamad

CAWANGAN KEJURUTERAAN ELEKTRIK

Pengarah Kanan

YBhg. Dato' Ir. Shuib Tabri

Unit Perunding Reka Bentuk Kesihatan

Ir. Haizan Hussein
Muhammad Syukri Khasim
Salizawati Shamsuddin
Juhanis Mohd Alias
Norfaizal Mahat Nor
Nur Ilyana Shaharuddin
Ahmad Faiz Abdullah
Mohamad Fadli Abdul Rahman

Unit Perunding ICT

Ir. Dr. Abdul Rahman Mohamed Tasir
Ir. Dr. Megat Zuhairy Megat Tajuddin
Norulazwan Nordin
Muhamad Izwan Othaman
Ismail A. Rahim
Hafizah Zainool Abidin
Mohd Normi Sedek
Mohd Firdaus Din Mustafaha
Wan Ismawie Wan Spuan

KEMENTERIAN KESIHATAN MALAYSIA

BAHAGIAN PERANCANGAN

Pengarah

YBhg. Datuk Dr. Rohaizat Yon

Mantan Pengarah

YBhg. Dato' Dr. Nooraini Baba

Timbalan Pengarah Kanan

Dr. Saudah Mat Akhir

Dr. Ma'arof bin Sudin
Dr. Enna Mohd Hanafiah
Dr. Khairani Halid@Abdul Ghani
Pn. Shaliza Abd. Rahman
Pn. Salwa Mohd Salleh

EDITORIAL

BAHAGIAN KEPAKARAN SENI BINA, CAWANGAN ARKITEK

Ar. Yong Razidah Rashid Faizah Ibrahim
Ar. S. Thulasidas Ar. Ooi Tee Lee
Ar. Nur Amalina Syairah Mohamed
Ar. Suzana Amat Marzianna Ahmad
Abdul Halim Mat Yani Hanim Abu Hasan

BAHAGIAN KEPAKARAN MULTIMEDIA, CAWANGAN ARKITEK

Ab. Rashid Abdullah
Hilmilia Selamat Siti Saniah Barjah

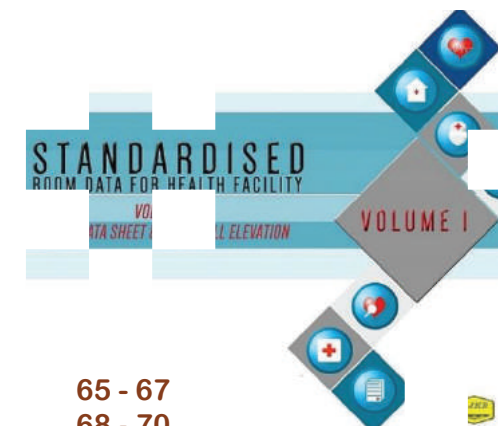
ISI KANDUNGAN:

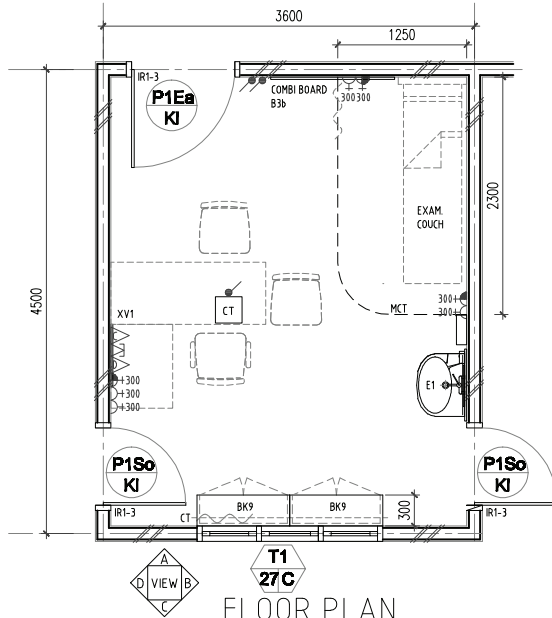
Kata-kata Aluan
Pengenalan
Terma rujukan dokumen
Penghargaan

ii - iii
iv
v
vi

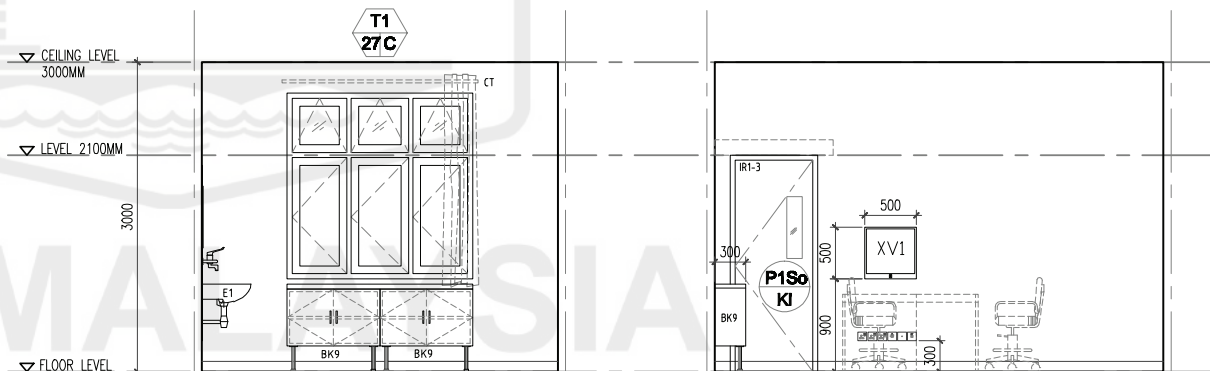
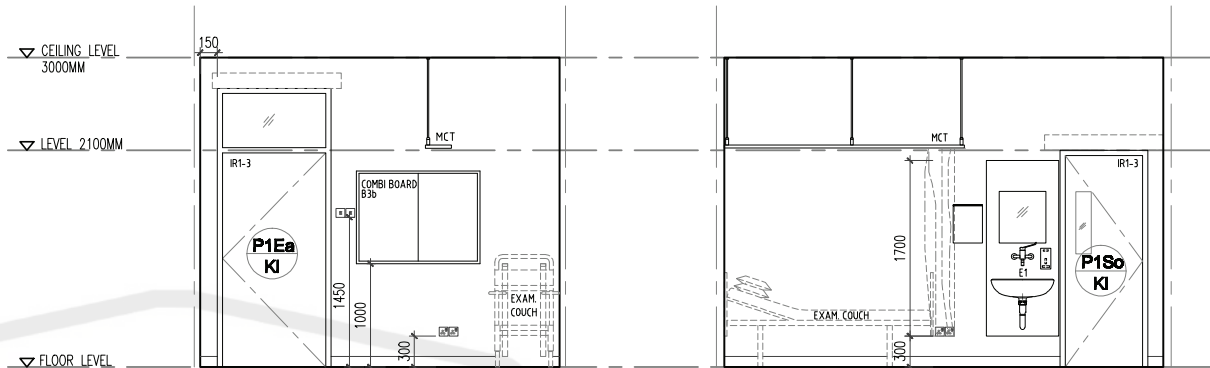
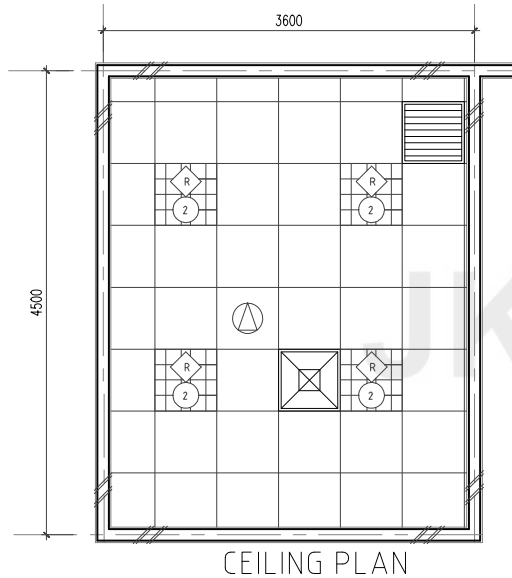
LIST OF DRAWINGS:

1. Consultation & Examination	1 - 2	30. Seminar Room for Ward (25 pax)	65 - 67
2. Dental Surgery Room	3 - 5	31. Meeting Room (25 pax)	68 - 70
3. Procedure Room (24 Hours)	6 - 8	32. Health Education (25 pax)	71 - 73
4. Procedure Room (8 Hours)	9 - 11	33. Discussion/Counselling Room (4 pax)	74 - 75
5. Treatment Room (24 Hours)	12 - 13	34. Interview Room	76 - 77
6. Treatment Room (8 Hours)	14 - 15	35. Reception	78 - 79
7. Clean Utility	16 - 17	36. Reception (enclosed)	80 - 81
8. Dirty Utility (with bedpan washer)	18 - 19	37. Triage (primary)	82 - 83
9. Dirty Utility (with slop hopper)	20 - 21	38. Resuscitation Bay (bed head panel)	84 - 86
10. Disposal Room	22 - 23	39. Resuscitation Bay (pendant)	87 - 89
11. Cleaner's Room	24 - 25	40. Resuscitation Bay (A&E workstation)	90 - 92
12. Sterile Store (OT)	26 - 27	41. Nurse Station (u-shape)	93 - 94
13. Sterile Store (CSSD)	28 - 30	42. Nurse Station (island shape)	95 - 96
14. Linen Closet	31 - 32	43. Nurse Station (non-air conditioned)	97 - 99
15. Nappy Change/Bay	33 - 34	44. Ward Pantry	100 - 101
16. Breastfeeding Room	35 - 36	45. Ante Room (isolation room)	102 - 103
17. Record Room	37 - 38	46. Isolation Room (negative area)	104 - 105
18. Equipment Room	39 - 40	47. Single Room (first class)	106 - 108
19. General Store	41 - 42	48. Patient's Toilet (single bed room)	109 - 110
20. Staff Rest	43 - 44	49. Assisted Bathroom (standard ward)	111 - 112
21. Staff Changing	45 - 46	50. Double Bed Room (first class)	113 - 115
22. Day Lounge	47 - 48	51. Four Bedded Room	116 - 118
23. Head of Department (Gred 52/54)	49 - 50	52. Six Bedded Room	119 - 121
24. Doctor/MO's Office	51 - 52	53. Patient Toilety (four bedded & six bedded room)	122 - 123
25. Matron Office	53 - 54	54. Wash & Dry	124 - 125
26. Sister's Office	55 - 56	55. Architectural Code of Finishes	126
27. On Call Room with Toilet	57 - 59	56. Symbol for Mechanical Equipment	127
28. Doctor's Write-up Area	60 - 61	57. Symbol for Electrical Equipment	128
29. General Office (8 pax)	62 - 64		





ROOM CODE	
V1	SV
EP	LGB1
AC8	3M
16M ²	
-	

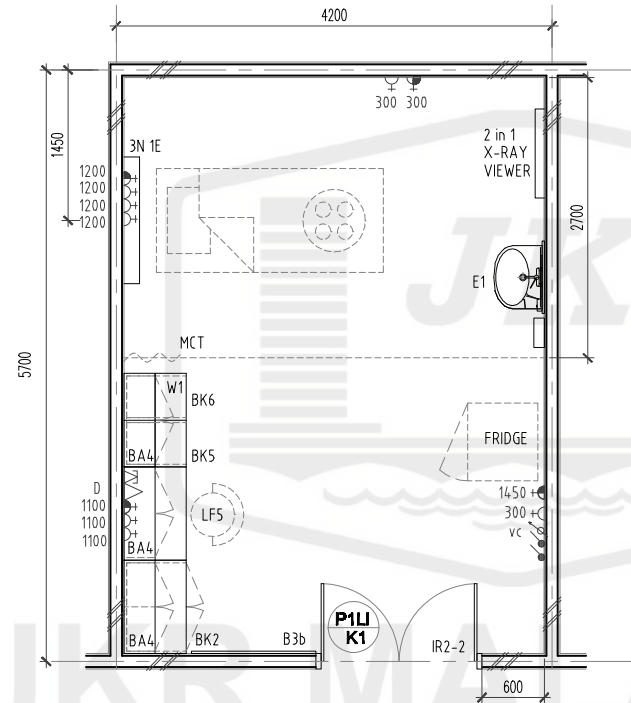


NOTE :
● IRONMONGERIES FOR DOORS REFER TO IRONMONGERY SCHEDULE

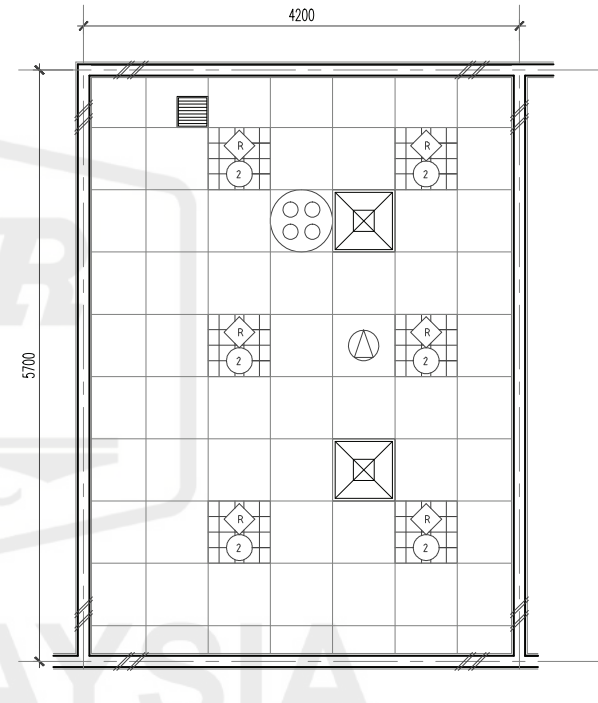
CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING TYPE	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	CONSULTATION & EXAMINATION	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/1
			DATE	SCALE	PINDAAN
			NOV 2017	not to scale	

ROOM SIZE: 18 m²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: DENTAL SURGERY ROOM		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GAS				D1. LIGHTING SYSTEM			
Wall EP 1.5m high brickwall				Bil. JIGAS PIPING Oxygen Nitrous Oxide Medical Vacuum Medical Air - 4 bar Surgical Air - 7 bar Surgical Air - 10 bar Etonox Other				i) Lighting Intensity Lux ii) Type Fluorescent Downlight iii) Others Emergency Light Stage Lighting			
Ceiling CB1 V1 SV				Bil. j)TYPE OF OUTLET Wall Mounted Bedhead Panel Medical Pendant Neonatal Workstation A&E Workstation				Notes Qty.			
A02. DOOR				B2. FIRE FIGHTING				D2. VENTILATION			
Door 1 Bil. Door 2 Bil. Door 3 Bil.				Sprinkler System Pendant type Conceal type Sidewall Fire Extinguisher CO2 Portable DP portable Fire Alarm Clean Agent Smoke Detector Heat Detector Combine Alarm Bell Flashing Light Sounder				Qty. Notes			
Code P1Ja/KI 1				B3. VENTILATION SYSTEM				D3. POWER SOURCE			
Remarks DOOR ACCESSORIES Ironmongery IRI - 4 1 Door Protection / Push Plate / Crash Plate / Kick Plate / Remarks				i) Ventilation Mechanical Vent Natural Vent Ceiling Fan Air Extraction - Mechanical Ventilation Ducted Exhaust Non Ducted Exhaust Air Filtration Normal Filters Hepa Filters Usage Intermittent Office Hours 24 Hours Extended Hours ii) Air Conditioning Room Temperature ID 74°F ± 1°F Air Change Room Static Level (Pa) Relative Humidity (%) Permissible Noise Level (nc) Total Exhaust Y/N Air Filtration Normal Filters / HEPA Filters iii) Air-conditioning (usage) Intermittent Office Hours / 24 Hours Extended Hours				Socket Normal Essential UPS Notes 13 Amp Single 4 2 13 Amp Twin 15 Amp Single 230V Termination 1 Isolator 1-phase 3-phase 1			
A03. WINDOW				B4. WATER AND SANITARY REQUIREMENT				D4. AUDIO SYSTEM			
Window Bil. Specification / specification /				Saluran Air Bil. Hot & Cold Cold Only Hot & Cold RO Water Outlet Special Drainage Requirement Bil. Neutralised Tank Grease Trap Plaster Trap Other				Qty. Notes PA SYSTEM Ceiling speaker 1 Volume Control 1 Box Speaker PA Rack Others			
Code T1/31/C 1 Grille Restrictor 30" / Lockable Key Alike / Low level window Restrictor 60" Single glazing High level window Insect Netting Double glazing Remarks				B5. PNEUMATIC TUBE				D5. MATV SYSTEM			
A04. INTERNAL GLAZING				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM			
Bil.				C. IT REQUIREMENTS				D7. NURSE CALL SYSTEM			
A05. HATCH / PASS THROUGH COUNTER				C1. NETWORK POINTS				D8. AUDIO VISUAL SYSTEM			
Bil.				UTP 2 STP Wifi				Qty. Notes Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal 1 Others			
A06. SIGNAGES				C2. TELEFON				D9. SECURITY SYSTEM			
Bil.				Specification Type A Type B Type C 1 Fax				Security System Notes Qty.			
A07. BUILT-IN FURNITURES				C3. COMPUTER				E. MEDICAL AND NON MEDICAL REQUIREMENTS			
Bil.				Workstation Tablet Laptop/Notebook Type Qty. Type Type				Code No.			
BK3 1 BK2 1 BK5 1 BK15 1 W2 1				C4. PACS Workstation				GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL			
A08. LABORATORY FURNITURES				C5. PRINTERS				Supply & Install By Contractor As per Contract Document			
Bil.				Reporting Station Viewing Station Digitiser Qty. Qty. Qty.				Fixed Medical Equipment Related To Electrical Item Code Item Description Qty.			
A09. LOOSE FURNITURES				C6. MISCELLANEOUS				GROUP 2 - LOOSE EQUIPMENTS			
Bil.				Qty.				Equipment supply and install by Client			
LF35 1				C7. OTHERS				Loose Medical Equipment			
LF35 1				Worktop : Solid surface 1				Item Code Item Description M/E Qty.			
A10. ACCESSORIES				C8. OTHERS				Loose Non-Medical Equipment			
Floor Mounted / Wall Protection Cubical Track Blind IV Track Curtain Track Artworks				C9. OTHERS				Item Code Item Description M/E Qty.			
A11. WALL TYPES				C10. OTHERS				Loose Medical Furniture			
Bil.				C11. OTHERS				Item Code Item Description M/E Qty.			
Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				C12. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A12. SANITARY WARES & FITTING				C13. OTHERS				Code No.			
Bil.				C14. OTHERS				Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)			
Tap T6 1				C15. OTHERS				Fixed Medical Equipment Related To Mechanical			
A13. OTHERS				C16. OTHERS				F. REMARKS			
Bil.				C17. OTHERS				Item Notes Qty.			
Worktop : Solid surface 1				C18. OTHERS				GROUP 4 - CONSUMABLES			
A14. OTHERS				C19. OTHERS				Others Detail/Equipment Item Code Item Description			
A15. OTHERS				C20. OTHERS				GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL			
A16. OTHERS				C21. OTHERS				Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)			
A17. OTHERS				C22. OTHERS				Fixed Medical Equipment Related To Electrical			
A18. OTHERS				C23. OTHERS				GROUP 2 - LOOSE EQUIPMENTS			
A19. OTHERS				C24. OTHERS				Equipment supply and install by Client			
A20. OTHERS				C25. OTHERS				Loose Medical Equipment			
A21. OTHERS				C26. OTHERS				Item Code Item Description M/E Qty.			
A22. OTHERS				C27. OTHERS				Loose Non-Medical Equipment			
A23. OTHERS				C28. OTHERS				Item Code Item Description M/E Qty.			
A24. OTHERS				C29. OTHERS				Loose Medical Furniture			
A25. OTHERS				C30. OTHERS				Item Code Item Description M/E Qty.			
A26. OTHERS				C31. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A27. OTHERS				C32. OTHERS				Equipment supply and install by Client			
A28. OTHERS				C33. OTHERS				Loose Medical Equipment			
A29. OTHERS				C34. OTHERS				Item Code Item Description M/E Qty.			
A30. OTHERS				C35. OTHERS				Loose Non-Medical Equipment			
A31. OTHERS				C36. OTHERS				Item Code Item Description M/E Qty.			
A32. OTHERS				C37. OTHERS				Loose Medical Furniture			
A33. OTHERS				C38. OTHERS				Item Code Item Description M/E Qty.			
A34. OTHERS				C39. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A35. OTHERS				C40. OTHERS				Equipment supply and install by Client			
A36. OTHERS				C41. OTHERS				Loose Medical Equipment			
A37. OTHERS				C42. OTHERS				Item Code Item Description M/E Qty.			
A38. OTHERS				C43. OTHERS				Loose Non-Medical Equipment			
A39. OTHERS				C44. OTHERS				Item Code Item Description M/E Qty.			
A40. OTHERS				C45. OTHERS				Loose Medical Furniture			
A41. OTHERS				C46. OTHERS				Item Code Item Description M/E Qty.			
A42. OTHERS				C47. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A43. OTHERS				C48. OTHERS				Equipment supply and install by Client			
A44. OTHERS				C49. OTHERS				Loose Medical Equipment			
A45. OTHERS				C50. OTHERS				Item Code Item Description M/E Qty.			
A46. OTHERS				C51. OTHERS				Loose Non-Medical Equipment			
A47. OTHERS				C52. OTHERS				Item Code Item Description M/E Qty.			
A48. OTHERS				C53. OTHERS				Loose Medical Furniture			
A49. OTHERS				C54. OTHERS				Item Code Item Description M/E Qty.			
A50. OTHERS				C55. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A51. OTHERS				C56. OTHERS				Equipment supply and install by Client			
A52. OTHERS				C57. OTHERS				Loose Medical Equipment			
A53. OTHERS				C58. OTHERS				Item Code Item Description M/E Qty.			
A54. OTHERS				C59. OTHERS				Loose Non-Medical Equipment			
A55. OTHERS				C60. OTHERS				Item Code Item Description M/E Qty.			
A56. OTHERS				C61. OTHERS				Loose Medical Furniture			
A57. OTHERS				C62. OTHERS				Item Code Item Description M/E Qty.			
A58. OTHERS				C63. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A59. OTHERS				C64. OTHERS				Equipment supply and install by Client			
A60. OTHERS				C65. OTHERS				Loose Medical Equipment			
A61. OTHERS				C66. OTHERS				Item Code Item Description M/E Qty.			
A62. OTHERS				C67. OTHERS				Loose Non-Medical Equipment			
A63. OTHERS				C68. OTHERS				Item Code Item Description M/E Qty.			
A64. OTHERS				C69. OTHERS				Loose Medical Furniture			
A65. OTHERS				C70. OTHERS				Item Code Item Description M/E Qty.			
A66. OTHERS				C71. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A67. OTHERS				C72. OTHERS				Equipment supply and install by Client			
A68. OTHERS				C73. OTHERS				Loose Medical Equipment			
A69. OTHERS				C74. OTHERS				Item Code Item Description M/E Qty.			
A70. OTHERS				C75. OTHERS				Loose Non-Medical Equipment			
A71. OTHERS				C76. OTHERS				Item Code Item Description M/E Qty.			
A72. OTHERS				C77. OTHERS				Loose Medical Furniture			
A73. OTHERS				C78. OTHERS				Item Code Item Description M/E Qty.			
A74. OTHERS				C79. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A75. OTHERS				C80. OTHERS				Equipment supply and install by Client			
A76. OTHERS				C81. OTHERS				Loose Medical Equipment			
A77. OTHERS				C82. OTHERS				Item Code Item Description M/E Qty.			
A78. OTHERS				C83. OTHERS				Loose Non-Medical Equipment			
A79. OTHERS				C84. OTHERS				Item Code Item Description M/E Qty.			
A80. OTHERS				C85. OTHERS				Loose Medical Furniture			
A81. OTHERS				C86. OTHERS				Item Code Item Description M/E Qty.			
A82. OTHERS				C87. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A83. OTHERS				C88. OTHERS				Equipment supply and install by Client			
A84. OTHERS				C89. OTHERS				Loose Medical Equipment			
A85. OTHERS				C90. OTHERS				Item Code Item Description M/E Qty.			
A86. OTHERS				C91. OTHERS				Loose Non-Medical Equipment			
A87. OTHERS				C92. OTHERS				Item Code Item Description M/E Qty.			
A88. OTHERS				C93. OTHERS				Loose Medical Furniture			
A89. OTHERS				C94. OTHERS				Item Code Item Description M/E Qty.			
A90. OTHERS				C95. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A91. OTHERS				C96. OTHERS				Equipment supply and install by Client			
A92. OTHERS				C97. OTHERS				Loose Medical Equipment			
A93. OTHERS				C98. OTHERS				Item Code Item Description M/E Qty.			
A94. OTHERS				C99. OTHERS				Loose Non-Medical Equipment			
A95. OTHERS				C100. OTHERS				Item Code Item Description M/E Qty.			

ROOM CODE	
V1	SV
PU	LGB1
AC24	-
24M ²	
-	



FLOOR PLAN



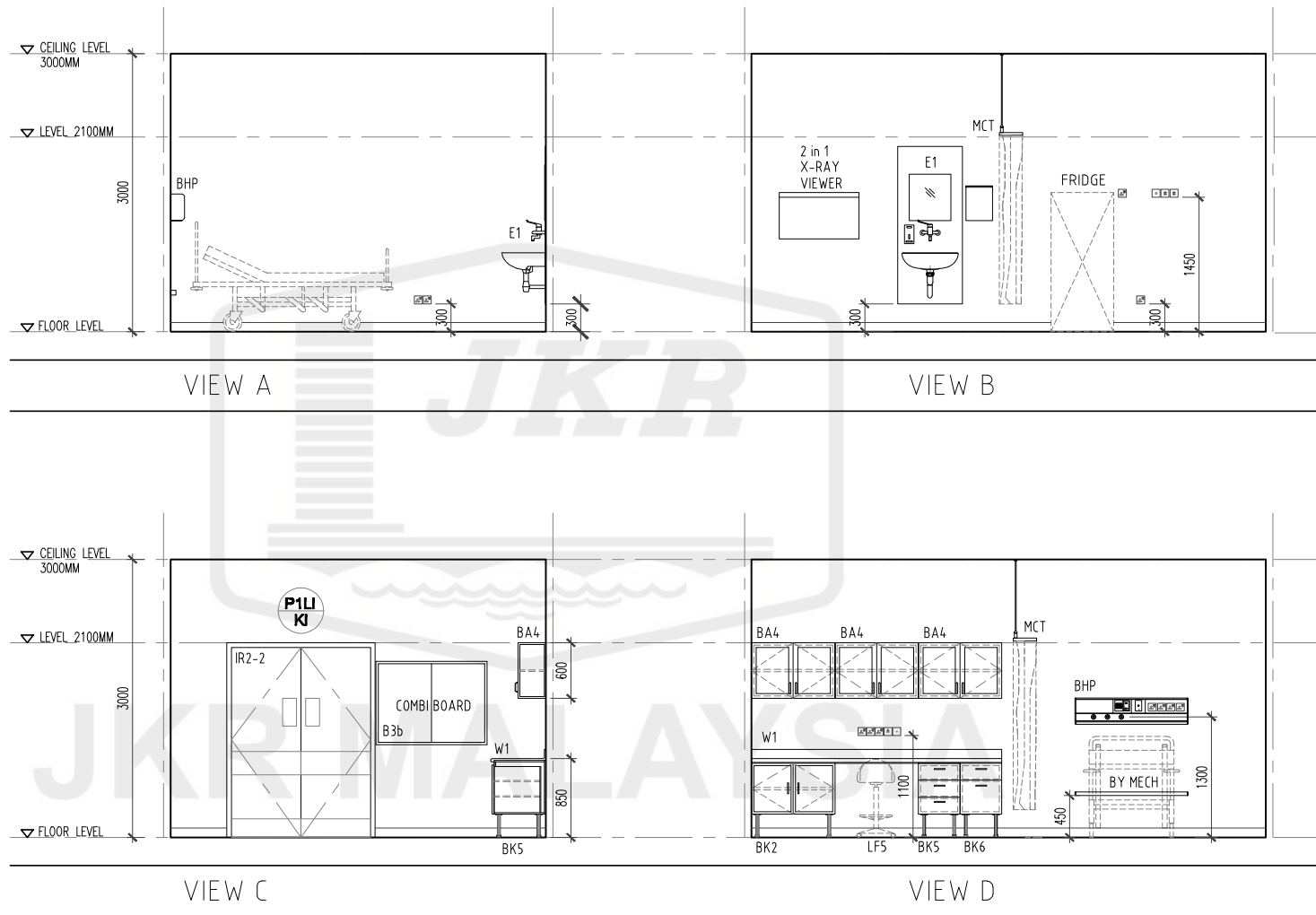
CEILING PLAN



NOTE :

- IRONMONGERIES FOR DOORS REFER TO IRONMONGERY SCHEDULE
- ALL 24 HOURS ROOM SHALL HAVE CAVITY WALL AND DOUBLE GLAZING

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	PROCEDURE ROOM (24 HOURS)	JKR/CA/P-DRP/07/26/PEL15/006/3-1
			DRAWING TYPE	PINDAAN
			DATE	
			NOV 2017	
			SCALE	
			not to scale	



CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	PROCEDURE ROOM (24 HOURS)	JKR/CA/P-DRP/07/26/PEL15/006/3-2
			DRAWING TYPE	FIGURE
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

ROOM SIZE: 24 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: PROCEDURE ROOM (24 A/C)		*ROOM CODE:																																																																																																																																							
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS																																																																																																																																							
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION																																																																																																																																							
<table border="1"> <tr> <th>Wall</th> <th>Ceiling</th> <th>Floor</th> <th>Skirting</th> </tr> <tr> <td>PU - Plaster & PU Paint (washable/anti algae)</td> <td>PCI Plaster jointless Ceiling with anti bacteria, washable paint</td> <td>V1 - Heavy Duty Homo. Vinyl Flooring.</td> <td>SV - 120mm High Vinyl skirting to match</td> </tr> </table>				Wall	Ceiling	Floor	Skirting	PU - Plaster & PU Paint (washable/anti algae)	PCI Plaster jointless Ceiling with anti bacteria, washable paint	V1 - Heavy Duty Homo. Vinyl Flooring.	SV - 120mm High Vinyl skirting to match	<table border="1"> <tr> <th>IGAS PIPING</th> <th>Bil.</th> <th>II) TYPE OF OUTLET</th> <th>Bil.</th> </tr> <tr> <td>Oxygen</td> <td>2</td> <td>Wall Mounted</td> <td></td> </tr> <tr> <td>Nitrous Oxide</td> <td></td> <td>Bedhead Panel</td> <td>✓</td> </tr> <tr> <td>Medical Vacuum</td> <td>1</td> <td>Medical Pendant</td> <td></td> </tr> <tr> <td>Medical Air - 4 bar</td> <td></td> <td>Neonatal Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 7 bar</td> <td></td> <td>A&E Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 10 bar</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Econox</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td>Medirail 450mm Height</td> <td>✓</td> </tr> </table>				IGAS PIPING	Bil.	II) TYPE OF OUTLET	Bil.	Oxygen	2	Wall Mounted		Nitrous Oxide		Bedhead Panel	✓	Medical Vacuum	1	Medical Pendant		Medical Air - 4 bar		Neonatal Workstation		Surgical Air - 7 bar		A&E Workstation		Surgical Air - 10 bar				Econox				Other		Medirail 450mm Height	✓	<table border="1"> <tr> <th>II) Lighting Intensity</th> <th>Type</th> <th>Qty</th> </tr> <tr> <td>Lux</td> <td>500</td> <td></td> </tr> <tr> <td>II) Type</td> <td>Type</td> <td>Qty</td> </tr> <tr> <td>Flourescent</td> <td>v</td> <td>6</td> </tr> <tr> <td>Downlight</td> <td></td> <td></td> </tr> <tr> <td>III) Others</td> <td>Type</td> <td>Qty</td> </tr> <tr> <td>Night Light</td> <td></td> <td></td> </tr> <tr> <td>Emergency Light</td> <td></td> <td></td> </tr> <tr> <td>Stage Lighting</td> <td></td> <td></td> </tr> </table>				II) Lighting Intensity	Type	Qty	Lux	500		II) Type	Type	Qty	Flourescent	v	6	Downlight			III) Others	Type	Qty	Night Light			Emergency Light			Stage Lighting																																																															
Wall	Ceiling	Floor	Skirting																																																																																																																																												
PU - Plaster & PU Paint (washable/anti algae)	PCI Plaster jointless Ceiling with anti bacteria, washable paint	V1 - Heavy Duty Homo. Vinyl Flooring.	SV - 120mm High Vinyl skirting to match																																																																																																																																												
IGAS PIPING	Bil.	II) TYPE OF OUTLET	Bil.																																																																																																																																												
Oxygen	2	Wall Mounted																																																																																																																																													
Nitrous Oxide		Bedhead Panel	✓																																																																																																																																												
Medical Vacuum	1	Medical Pendant																																																																																																																																													
Medical Air - 4 bar		Neonatal Workstation																																																																																																																																													
Surgical Air - 7 bar		A&E Workstation																																																																																																																																													
Surgical Air - 10 bar																																																																																																																																															
Econox																																																																																																																																															
Other		Medirail 450mm Height	✓																																																																																																																																												
II) Lighting Intensity	Type	Qty																																																																																																																																													
Lux	500																																																																																																																																														
II) Type	Type	Qty																																																																																																																																													
Flourescent	v	6																																																																																																																																													
Downlight																																																																																																																																															
III) Others	Type	Qty																																																																																																																																													
Night Light																																																																																																																																															
Emergency Light																																																																																																																																															
Stage Lighting																																																																																																																																															
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM																																																																																																																																							
<table border="1"> <tr> <th>Door 1</th> <th>Bil.</th> <th>Door 2</th> <th>Bil.</th> <th>Door 3</th> <th>Bil.</th> </tr> <tr> <td>P11U / KI</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Code</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grille</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Door 1	Bil.	Door 2	Bil.	Door 3	Bil.	P11U / KI	1					Code						Grille						Remarks						<table border="1"> <tr> <th>Sprinkler System</th> <th>v</th> </tr> <tr> <td>Pendant type</td> <td>✓</td> </tr> <tr> <td>Conceal type</td> <td></td> </tr> <tr> <td>Sidewall</td> <td></td> </tr> <tr> <td>Fire Extinguisher</td> <td></td> </tr> <tr> <td>CO2 Portable</td> <td></td> </tr> <tr> <td>DP portable</td> <td></td> </tr> <tr> <td>Clean Agent</td> <td></td> </tr> <tr> <td>Fire Alarm</td> <td></td> </tr> <tr> <td>Smoke Detector</td> <td></td> </tr> <tr> <td>Heat Detector</td> <td></td> </tr> <tr> <td>Combine</td> <td></td> </tr> <tr> <td>Alarm Bell</td> <td></td> </tr> <tr> <td>Sounder</td> <td></td> </tr> </table>				Sprinkler System	v	Pendant type	✓	Conceal type		Sidewall		Fire Extinguisher		CO2 Portable		DP portable		Clean Agent		Fire Alarm		Smoke Detector		Heat Detector		Combine		Alarm Bell		Sounder		<table border="1"> <tr> <th>Ceiling Fan 1500</th> <th>Qty</th> <th>NOTES</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Ceiling Fan 1200</th> <th>Qty</th> <th>NOTES</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Wall Fan</th> <th>Qty</th> <th>NOTES</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Fan Regulator</th> <th>Qty</th> <th>NOTES</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Others</th> <th>Qty</th> <th>NOTES</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Ceiling Fan 1500	Qty	NOTES				Ceiling Fan 1200	Qty	NOTES				Wall Fan	Qty	NOTES				Fan Regulator	Qty	NOTES				Others	Qty	NOTES																																															
Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																																																																																																										
P11U / KI	1																																																																																																																																														
Code																																																																																																																																															
Grille																																																																																																																																															
Remarks																																																																																																																																															
Sprinkler System	v																																																																																																																																														
Pendant type	✓																																																																																																																																														
Conceal type																																																																																																																																															
Sidewall																																																																																																																																															
Fire Extinguisher																																																																																																																																															
CO2 Portable																																																																																																																																															
DP portable																																																																																																																																															
Clean Agent																																																																																																																																															
Fire Alarm																																																																																																																																															
Smoke Detector																																																																																																																																															
Heat Detector																																																																																																																																															
Combine																																																																																																																																															
Alarm Bell																																																																																																																																															
Sounder																																																																																																																																															
Ceiling Fan 1500	Qty	NOTES																																																																																																																																													
Ceiling Fan 1200	Qty	NOTES																																																																																																																																													
Wall Fan	Qty	NOTES																																																																																																																																													
Fan Regulator	Qty	NOTES																																																																																																																																													
Others	Qty	NOTES																																																																																																																																													
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>Specification</th> <th>/</th> </tr> <tr> <td>Grille</td> <td></td> <td>Restrictor 30"</td> <td></td> <td>Lockable Key Alike</td> <td></td> </tr> <tr> <td>Low level window</td> <td></td> <td>Restrictor 60"</td> <td></td> <td>Single glazing</td> <td></td> </tr> <tr> <td>High level window</td> <td></td> <td>Insect Netting</td> <td></td> <td>Double glazing</td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code	Bil.	Specification	/	Specification	/	Grille		Restrictor 30"		Lockable Key Alike		Low level window		Restrictor 60"		Single glazing		High level window		Insect Netting		Double glazing		Remarks						<table border="1"> <tr> <th>I. Ventilation</th> <th></th> <th></th> </tr> <tr> <td>Mechanical Vent</td> <td></td> <td>Natural Vent</td> </tr> <tr> <td>Ceiling Fan</td> <td></td> <td></td> </tr> <tr> <td>Air Extration - Mechanical Ventilation</td> <td></td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td></td> <td>Non Ducted Exhaust</td> </tr> <tr> <td>Air Filtration</td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td>Hepa Filters</td> </tr> <tr> <td>Usage</td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td></td> <td>Office Hours</td> </tr> <tr> <td>24 Hours</td> <td></td> <td>Extended Hours</td> </tr> <tr> <td>II) Air Conditioning</td> <td></td> <td></td> </tr> <tr> <td>Room Temperature @</td> <td>74°F ± 1"</td> <td>Air Change</td> </tr> <tr> <td>Relative Humidity (%)</td> <td>55±5</td> <td>Room Static Level (Pa)</td> </tr> <tr> <td>Permissible Noise Level (nc)</td> <td></td> <td>Total Exhaust</td> </tr> <tr> <td>Air Filtration</td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td>1</td> <td>HEPA Filters</td> </tr> <tr> <td>III) Air-conditioning (usage)</td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td></td> <td>Office Hours</td> </tr> <tr> <td>24 Hours</td> <td>✓</td> <td>Extended Hours</td> </tr> </table>				I. Ventilation			Mechanical Vent		Natural Vent	Ceiling Fan			Air Extration - Mechanical Ventilation			Ducted Exhaust		Non Ducted Exhaust	Air Filtration			Normal Filters		Hepa Filters	Usage			Intermittent		Office Hours	24 Hours		Extended Hours	II) Air Conditioning			Room Temperature @	74°F ± 1"	Air Change	Relative Humidity (%)	55±5	Room Static Level (Pa)	Permissible Noise Level (nc)		Total Exhaust	Air Filtration			Normal Filters	1	HEPA Filters	III) Air-conditioning (usage)			Intermittent		Office Hours	24 Hours	✓	Extended Hours	<table border="1"> <tr> <th>Socket</th> <th>Normal</th> <th>Essential</th> <th>UPS</th> <th>Notes</th> </tr> <tr> <td>13 Amp Single</td> <td>7</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td>1</td> <td></td> <td></td> <td>XV</td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Socket	Normal	Essential	UPS	Notes	13 Amp Single	7	4			13 Amp Twin					15 Amp Single					230V Termination	1			XV	Isolator					1-phase					3-phase					Others				
Code	Bil.	Specification	/	Specification	/																																																																																																																																										
Grille		Restrictor 30"		Lockable Key Alike																																																																																																																																											
Low level window		Restrictor 60"		Single glazing																																																																																																																																											
High level window		Insect Netting		Double glazing																																																																																																																																											
Remarks																																																																																																																																															
I. Ventilation																																																																																																																																															
Mechanical Vent		Natural Vent																																																																																																																																													
Ceiling Fan																																																																																																																																															
Air Extration - Mechanical Ventilation																																																																																																																																															
Ducted Exhaust		Non Ducted Exhaust																																																																																																																																													
Air Filtration																																																																																																																																															
Normal Filters		Hepa Filters																																																																																																																																													
Usage																																																																																																																																															
Intermittent		Office Hours																																																																																																																																													
24 Hours		Extended Hours																																																																																																																																													
II) Air Conditioning																																																																																																																																															
Room Temperature @	74°F ± 1"	Air Change																																																																																																																																													
Relative Humidity (%)	55±5	Room Static Level (Pa)																																																																																																																																													
Permissible Noise Level (nc)		Total Exhaust																																																																																																																																													
Air Filtration																																																																																																																																															
Normal Filters	1	HEPA Filters																																																																																																																																													
III) Air-conditioning (usage)																																																																																																																																															
Intermittent		Office Hours																																																																																																																																													
24 Hours	✓	Extended Hours																																																																																																																																													
Socket	Normal	Essential	UPS	Notes																																																																																																																																											
13 Amp Single	7	4																																																																																																																																													
13 Amp Twin																																																																																																																																															
15 Amp Single																																																																																																																																															
230V Termination	1			XV																																																																																																																																											
Isolator																																																																																																																																															
1-phase																																																																																																																																															
3-phase																																																																																																																																															
Others																																																																																																																																															
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Saluran Air</th> <th>Bil.</th> </tr> <tr> <td>Cold Only</td> <td></td> </tr> <tr> <td>Hot & Cold</td> <td>1</td> </tr> <tr> <td>RO Water</td> <td></td> </tr> <tr> <td>Outlet</td> <td></td> </tr> <tr> <td>Special Drainage Requirement</td> <td></td> </tr> <tr> <td>Grease Trap</td> <td></td> </tr> <tr> <td>Neutralised Tank</td> <td></td> </tr> <tr> <td>Plaster Trap</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> </table>				Saluran Air	Bil.	Cold Only		Hot & Cold	1	RO Water		Outlet		Special Drainage Requirement		Grease Trap		Neutralised Tank		Plaster Trap		Other		<table border="1"> <tr> <th>PA SYSTEM</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Ceiling speaker</td> <td>1</td> <td></td> </tr> <tr> <td>Volume Control</td> <td>1</td> <td></td> </tr> <tr> <td>Box Speaker</td> <td></td> <td></td> </tr> <tr> <td>PA Rack</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				PA SYSTEM	Qty	Notes	Ceiling speaker	1		Volume Control	1		Box Speaker			PA Rack			Others																																																																																												
Code	Bil.																																																																																																																																														
Saluran Air	Bil.																																																																																																																																														
Cold Only																																																																																																																																															
Hot & Cold	1																																																																																																																																														
RO Water																																																																																																																																															
Outlet																																																																																																																																															
Special Drainage Requirement																																																																																																																																															
Grease Trap																																																																																																																																															
Neutralised Tank																																																																																																																																															
Plaster Trap																																																																																																																																															
Other																																																																																																																																															
PA SYSTEM	Qty	Notes																																																																																																																																													
Ceiling speaker	1																																																																																																																																														
Volume Control	1																																																																																																																																														
Box Speaker																																																																																																																																															
PA Rack																																																																																																																																															
Others																																																																																																																																															
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Sistem MATV</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>MATV Point</td> <td></td> <td></td> </tr> <tr> <td>TV set (32" c/w bracket)</td> <td></td> <td></td> </tr> <tr> <td>TV set (42" c/w bracket)</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Sistem MATV	Qty	Notes	MATV Point			TV set (32" c/w bracket)			TV set (42" c/w bracket)			Others			<table border="1"> <tr> <th>Fixed Medical Equipment Related To Electrical</th> <th>Item Code</th> <th>Item Description</th> <th>Qty.</th> </tr> <tr> <td>Examination Light</td> <td></td> <td>Ceiling Examination Light</td> <td>1</td> </tr> <tr> <td>Xray Viewer</td> <td></td> <td>2 IN 1</td> <td>1</td> </tr> </table>				Fixed Medical Equipment Related To Electrical	Item Code	Item Description	Qty.	Examination Light		Ceiling Examination Light	1	Xray Viewer		2 IN 1	1																																																																																																					
Code	Bil.																																																																																																																																														
Sistem MATV	Qty	Notes																																																																																																																																													
MATV Point																																																																																																																																															
TV set (32" c/w bracket)																																																																																																																																															
TV set (42" c/w bracket)																																																																																																																																															
Others																																																																																																																																															
Fixed Medical Equipment Related To Electrical	Item Code	Item Description	Qty.																																																																																																																																												
Examination Light		Ceiling Examination Light	1																																																																																																																																												
Xray Viewer		2 IN 1	1																																																																																																																																												
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Digital Calling System</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Main Display Unit</td> <td></td> <td></td> </tr> <tr> <td>Display Unit</td> <td></td> <td></td> </tr> <tr> <td>Ticket Printer</td> <td></td> <td></td> </tr> <tr> <td>Counter/room terminal</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Digital Calling System	Qty	Notes	Main Display Unit			Display Unit			Ticket Printer			Counter/room terminal			Others			<table border="1"> <tr> <th>Fixed Medical Equipment Related To Mechanical</th> <th>Item Code</th> <th>Item Description</th> <th>Qty.</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Fixed Medical Equipment Related To Mechanical	Item Code	Item Description	Qty.																																																																																																										
Code	Bil.																																																																																																																																														
Digital Calling System	Qty	Notes																																																																																																																																													
Main Display Unit																																																																																																																																															
Display Unit																																																																																																																																															
Ticket Printer																																																																																																																																															
Counter/room terminal																																																																																																																																															
Others																																																																																																																																															
Fixed Medical Equipment Related To Mechanical	Item Code	Item Description	Qty.																																																																																																																																												
A07. BUILT-IN FURNITURES				B7. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td>BA1</td> <td>1</td> </tr> <tr> <td>BA2</td> <td>2</td> </tr> <tr> <td>BK5</td> <td>1</td> </tr> <tr> <td>BK10</td> <td>1</td> </tr> <tr> <td>BK12</td> <td>1</td> </tr> </table>				Code	Bil.	BA1	1	BA2	2	BK5	1	BK10	1	BK12	1	<table border="1"> <tr> <th>C1. NETWORK POINTS</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>UTP</td> <td>2</td> <td>STP</td> </tr> <tr> <td>Wifi</td> <td></td> <td></td> </tr> <tr> <th>C2. TELEPHONE</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Specification</td> <td>Type A</td> <td>Type B</td> </tr> <tr> <td>Quantity</td> <td>1</td> <td></td> </tr> <tr> <td>Digital/Analog/VOIP</td> <td></td> <td></td> </tr> <tr> <th>C3. COMPUTER</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Workstation</td> <td></td> <td>Tablet</td> </tr> <tr> <td>Type</td> <td>Qty</td> <td>Type</td> </tr> <tr> <td></td> <td>1</td> <td></td> </tr> <tr> <th>C4. PACS Workstation</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Reporting Station</td> <td></td> <td>Viewing Station</td> </tr> <tr> <td>Qty</td> <td></td> <td>Digitiser</td> </tr> <tr> <td></td> <td></td> <td>Qty</td> </tr> <tr> <th>C5. PRINTERS</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Type</td> <td>Qty</td> <td></td> </tr> <tr> <td>Network Printer (A3) Colour</td> <td></td> <td>Local Printer (A4) Black</td> </tr> <tr> <td>Network Printer (A4) Black</td> <td></td> <td>Local Printer (A4) Colour</td> </tr> <tr> <td>Network Printer (A4) Colour</td> <td></td> <td>Barcode Printer</td> </tr> </table>				C1. NETWORK POINTS	Qty	Notes	UTP	2	STP	Wifi			C2. TELEPHONE	Qty	Notes	Specification	Type A	Type B	Quantity	1		Digital/Analog/VOIP			C3. COMPUTER	Qty	Notes	Workstation		Tablet	Type	Qty	Type		1		C4. PACS Workstation	Qty	Notes	Reporting Station		Viewing Station	Qty		Digitiser			Qty	C5. PRINTERS	Qty	Notes	Type	Qty		Network Printer (A3) Colour		Local Printer (A4) Black	Network Printer (A4) Black		Local Printer (A4) Colour	Network Printer (A4) Colour		Barcode Printer	<table border="1"> <tr> <th>Digital Calling System</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Digital Calling System</td> <td></td> <td></td> </tr> <tr> <td>A. PATIENT</td> <td></td> <td></td> </tr> <tr> <td>Cord</td> <td></td> <td></td> </tr> <tr> <td>Light</td> <td></td> <td></td> </tr> <tr> <td>Intercom/speech</td> <td></td> <td></td> </tr> <tr> <td>Pull Cord</td> <td></td> <td></td> </tr> <tr> <td>Code Blue</td> <td>1</td> <td>INDICATOR LIGHT</td> </tr> <tr> <td>B. STAFF</td> <td></td> <td></td> </tr> <tr> <td>Light</td> <td></td> <td></td> </tr> <tr> <td>Display</td> <td></td> <td></td> </tr> <tr> <td>Console</td> <td>1</td> <td>STAFF ASSIST</td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Digital Calling System	Qty	Notes	Digital Calling System			A. PATIENT			Cord			Light			Intercom/speech			Pull Cord			Code Blue	1	INDICATOR LIGHT	B. STAFF			Light			Display			Console	1	STAFF ASSIST	Others																							
Code	Bil.																																																																																																																																														
BA1	1																																																																																																																																														
BA2	2																																																																																																																																														
BK5	1																																																																																																																																														
BK10	1																																																																																																																																														
BK12	1																																																																																																																																														
C1. NETWORK POINTS	Qty	Notes																																																																																																																																													
UTP	2	STP																																																																																																																																													
Wifi																																																																																																																																															
C2. TELEPHONE	Qty	Notes																																																																																																																																													
Specification	Type A	Type B																																																																																																																																													
Quantity	1																																																																																																																																														
Digital/Analog/VOIP																																																																																																																																															
C3. COMPUTER	Qty	Notes																																																																																																																																													
Workstation		Tablet																																																																																																																																													
Type	Qty	Type																																																																																																																																													
	1																																																																																																																																														
C4. PACS Workstation	Qty	Notes																																																																																																																																													
Reporting Station		Viewing Station																																																																																																																																													
Qty		Digitiser																																																																																																																																													
		Qty																																																																																																																																													
C5. PRINTERS	Qty	Notes																																																																																																																																													
Type	Qty																																																																																																																																														
Network Printer (A3) Colour		Local Printer (A4) Black																																																																																																																																													
Network Printer (A4) Black		Local Printer (A4) Colour																																																																																																																																													
Network Printer (A4) Colour		Barcode Printer																																																																																																																																													
Digital Calling System	Qty	Notes																																																																																																																																													
Digital Calling System																																																																																																																																															
A. PATIENT																																																																																																																																															
Cord																																																																																																																																															
Light																																																																																																																																															
Intercom/speech																																																																																																																																															
Pull Cord																																																																																																																																															
Code Blue	1	INDICATOR LIGHT																																																																																																																																													
B. STAFF																																																																																																																																															
Light																																																																																																																																															
Display																																																																																																																																															
Console	1	STAFF ASSIST																																																																																																																																													
Others																																																																																																																																															
A08. LABORATORY FURNITURES				B8. MISCELLANEOUS				D8. DB. AUDIO VISUAL SYSTEM																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Barcode Scanner</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Barcode Scanner</td> <td></td> <td></td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td></td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td></td> </tr> <tr> <td>UPS(600VA)</td> <td>1</td> <td>Wireless AP</td> </tr> </table>				Barcode Scanner	Qty	Notes	Barcode Scanner			Flatbed Scanner			Video Conferencing			UPS(600VA)	1	Wireless AP	<table border="1"> <tr> <th>LCD Projector</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Projector Screen</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Microphone</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Speaker</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>AV Rack</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Others</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				LCD Projector	Qty	Notes				Projector Screen	Qty	Notes				Microphone	Qty	Notes				Speaker	Qty	Notes				AV Rack	Qty	Notes				Others	Qty	Notes																																																																																
Code	Bil.																																																																																																																																														
Barcode Scanner	Qty	Notes																																																																																																																																													
Barcode Scanner																																																																																																																																															
Flatbed Scanner																																																																																																																																															
Video Conferencing																																																																																																																																															
UPS(600VA)	1	Wireless AP																																																																																																																																													
LCD Projector	Qty	Notes																																																																																																																																													
Projector Screen	Qty	Notes																																																																																																																																													
Microphone	Qty	Notes																																																																																																																																													
Speaker	Qty	Notes																																																																																																																																													
AV Rack	Qty	Notes																																																																																																																																													
Others	Qty	Notes																																																																																																																																													
A09. LOOSE FURNITURES				B9. OTHERS				D9. SECURITY SYSTEM																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td>LF5</td> <td>1</td> </tr> <tr> <td>FRIDGE</td> <td>1</td> </tr> </table>				Code	Bil.	LF5	1	FRIDGE	1	<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Security System</th> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Security System</td> <td></td> <td></td> </tr> <tr> <td>A. CCTV System</td> <td></td> <td></td> </tr> <tr> <td>Dome Camera</td> <td></td> <td></td> </tr> <tr> <td>PTZ Camera</td> <td></td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> <td></td> </tr> <tr> <td>Recorder/Decoder</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> <tr> <td>B. Access System</td> <td></td> <td></td> </tr> <tr> <td>Card reader w keypad</td> <td></td> <td></td> </tr> <tr> <td>Card reader w door release</td> <td></td> <td></td> </tr> <tr> <td>Intercom</td> <td></td> <td></td> </tr> <tr> <td>Intercom w door release</td> <td></td> <td></td> </tr> <tr> <td>Call bell</td> <td></td> <td></td> </tr> <tr> <td>Video Intercom</td> <td></td> <td></td> </tr> <tr> <td>Video Intercom w d/release</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> <tr> <td>C. Intercom</td> <td></td> <td></td> </tr> <tr> <td>Audio Intercom</td> <td></td> <td></td> </tr> <tr> <td>Video Intercom</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Security System	Notes	Qty.	Security System			A. CCTV System			Dome Camera			PTZ Camera			Monitor			Recorder/Decoder			Others			B. Access System			Card reader w keypad			Card reader w door release			Intercom			Intercom w door release			Call bell			Video Intercom			Video Intercom w d/release			Others			C. Intercom			Audio Intercom			Video Intercom			Others																																																													
Code	Bil.																																																																																																																																														
LF5	1																																																																																																																																														
FRIDGE	1																																																																																																																																														
Code	Bil.																																																																																																																																														
Security System	Notes	Qty.																																																																																																																																													
Security System																																																																																																																																															
A. CCTV System																																																																																																																																															
Dome Camera																																																																																																																																															
PTZ Camera																																																																																																																																															
Monitor																																																																																																																																															
Recorder/Decoder																																																																																																																																															
Others																																																																																																																																															
B. Access System																																																																																																																																															
Card reader w keypad																																																																																																																																															
Card reader w door release																																																																																																																																															
Intercom																																																																																																																																															
Intercom w door release																																																																																																																																															
Call bell																																																																																																																																															
Video Intercom																																																																																																																																															
Video Intercom w d/release																																																																																																																																															
Others																																																																																																																																															
C. Intercom																																																																																																																																															
Audio Intercom																																																																																																																																															
Video Intercom																																																																																																																																															
Others																																																																																																																																															
A10. ACCESSORIES				B10. GROUP 3 - LOOSE EQUIPMENTS & MEDICAL FURNITURES				D10. GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.																																																																																																																										
Code	Bil.																																																																																																																																														
Code	Bil.																																																																																																																																														
Code	Bil.																																																																																																																																														
A11. WALL TYPES				B11. GROUP 4 - CONUSABLES				D11. GROUP 2-FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.																																																																																																																										
Code	Bil.																																																																																																																																														
Code	Bil.																																																																																																																																														
Code	Bil.																																																																																																																																														
A12. SANITARY WARES & FITTING				B12. REMARKS				D12. REMARKS																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td>E1:</td> <td>1</td> </tr> </table>				Code	Bil.	E1:	1	<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.																																																																																																																										
Code	Bil.																																																																																																																																														
E1:	1																																																																																																																																														
Code	Bil.																																																																																																																																														
Code	Bil.																																																																																																																																														
A13. OTHERS				B13. REMARKS				D13. REMARKS																																																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.			<table border="1"> <tr> <th>Code</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	Bil.																																																																																																																										
Code	Bil.																																																																																																																																														
Code	Bil.																																																																																																																																														
Code	Bil.																																																																																																																																														



KEMENTERIAN KESIHATAN MALAYSIA



JABATAN KERJA RAYA MALAYSIA

HODT ARCHITECT

CAWANGAN ARKITEK, JKR MALAYSIA

HODT MECHANICAL

CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA

HODT ELECTRIC

CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA

HODT ICT

CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA

CLIENT

BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

ROOM DATA : PROCEDURE ROOM (24 HOURS)

DRAWING NO. : JKR/CA/P-DRP/07/26/PEL 15/006/3-1

REVISION : JKR/CA/P-DRP/07/26/PEL 15/006/3-2

DATE :

REVISION :

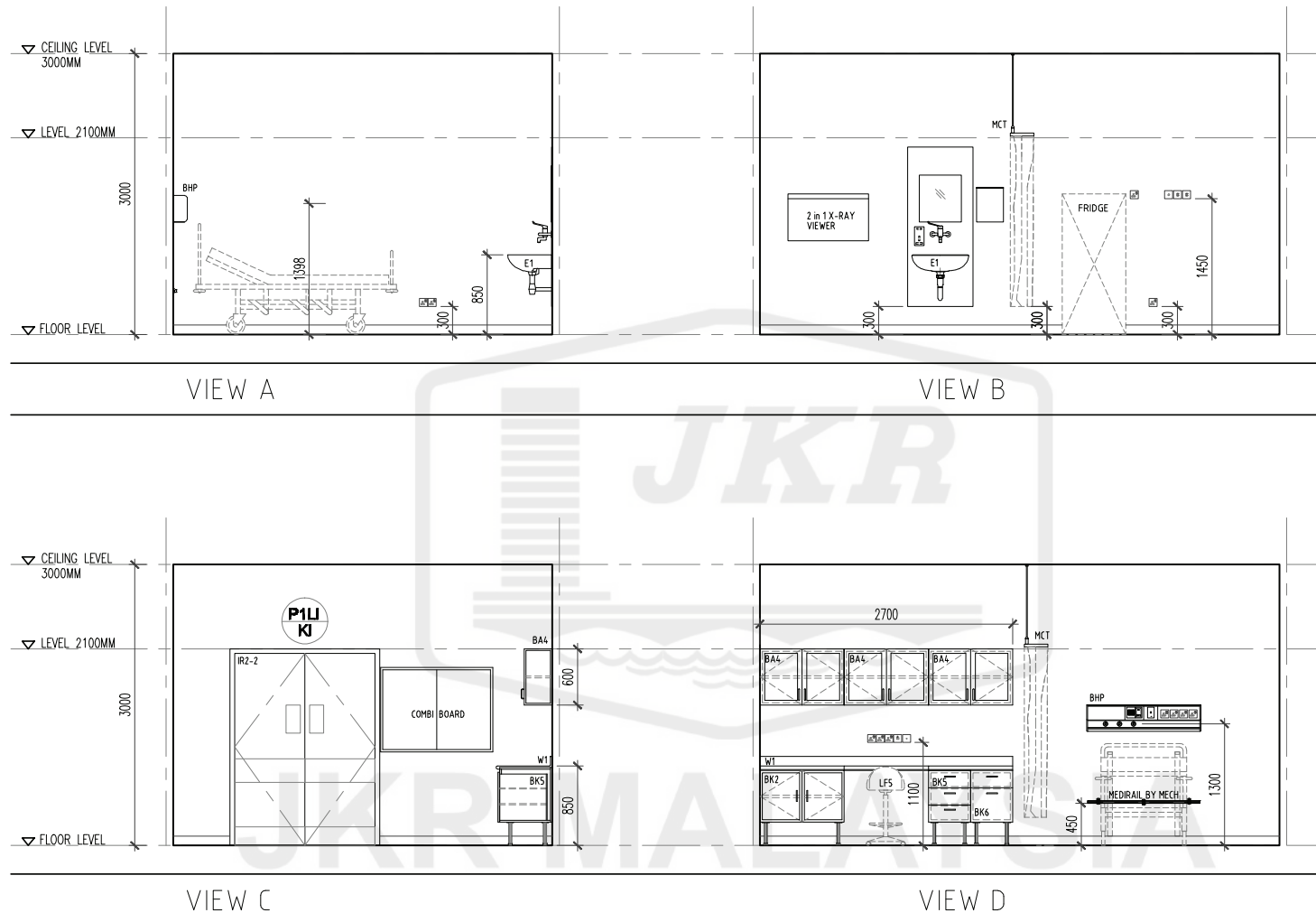
© 2017 Jabatan Kerja Raya Malaysia , Hak Cipta Terpelihara

[illegible]

CEILING PLAN

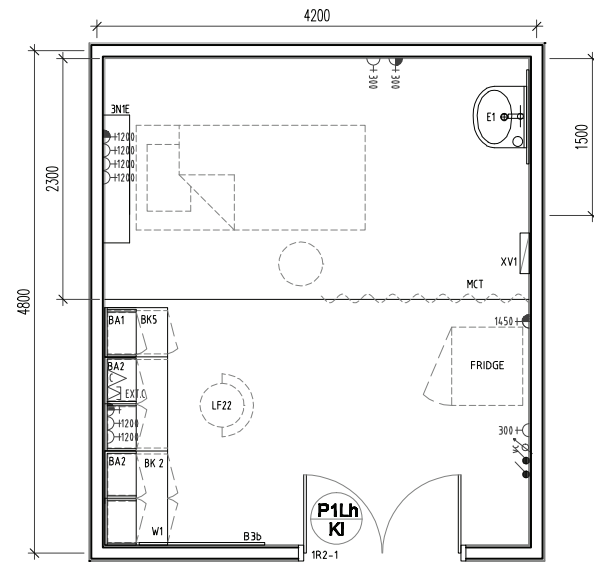
- IRONMONGERIES FOR DOORS to REFER TO IRONMONGERY SCHEDULE

9

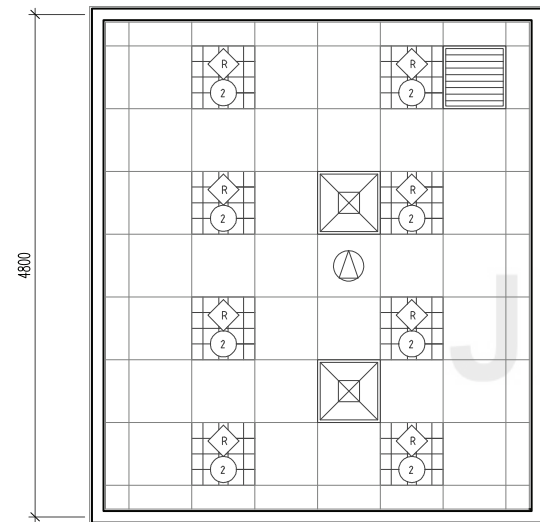


CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	PROCEDURE ROOM (8 HOURS)	JKR/CA/P-DRP/07/26/PEL 15/006/4-2
			DRAWING TYPE	
			VIEW	
			DATE	SCALE
			NOV 2017	not to scale
				PREPARED

[illegible]

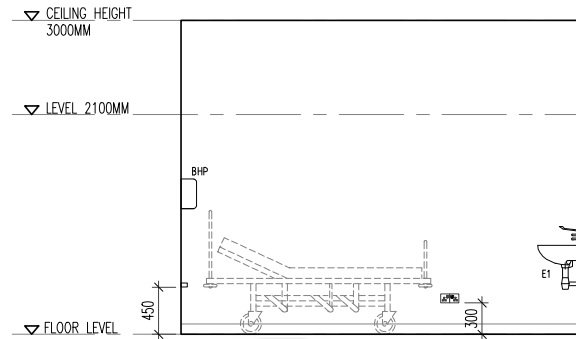


FLOOR PLAN

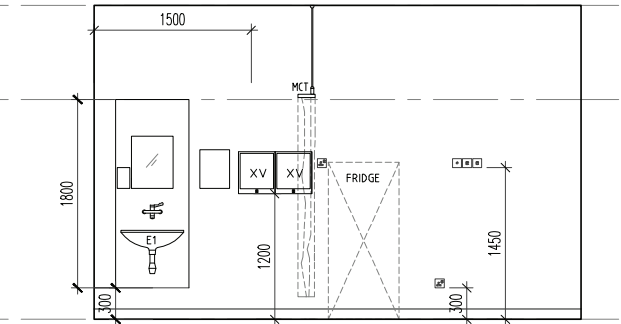


CEILING PLAN

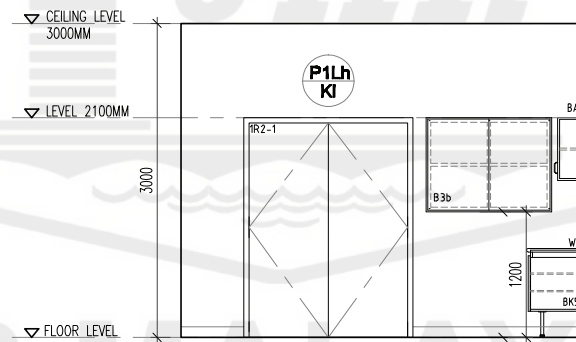
ROOM CODE	
V1	SV
EP	LGB1
AC24	3M
20M ²	
-	



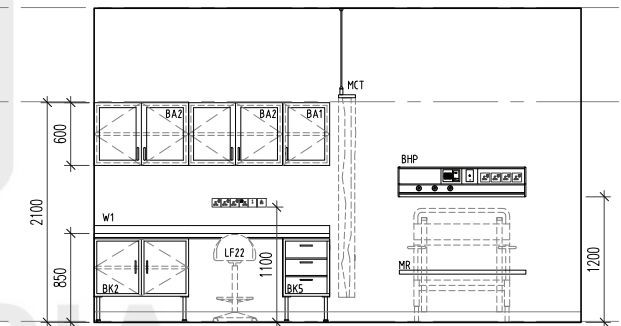
VIEW A



VIEW B



VIEW C



VIEW D

- NOTE: - ALL 24HR A/C ROOM SHALL HAVE:
1. CAVITY WALL UP TO SOFFIT
 2. LAMINATED SUSPENDED GYPSUM BOARD CEILING
 3. DOORS AND WINDOW SHALL BE DOUBLE GLAZING
- REFER TO THE GUIDELINES FOR THE PREVENTION OF FUNGUS LATEST ISSUED BY JKR

CLIENT	DESIGNER	TITLE	ROOM NAME	TREATMENT ROOM (24 HOURS)	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/5
			DATE	SCALE	REVISION
			NOV 2017	not to scale	

ROOM SIZE: 20sqm²

OCCUPANCY LOAD:

*DEPARTMENT:

ROOM NAME: TREATMENT ROOM (24 HOURS)

*ROOM CODE:

A. ARCHITECTURAL REQUIREMENTS

A01. FINISHES

Wall	Ceiling	Floor	Skirting
EP	GB1	V1	SV

A02. DOOR

Door 1	Door 2	Door 3
P11h/ K1	1	

DOOR ACCESSORIES

Ironmongery	R2-1	1
Door Protection		
Push Plate	A8	2
Crash Plate	A5	2
Kick Plate	A6	2

A03. WINDOW

Window	Specification	Specification
Code		
Grille	Restrictor 30"	Lockable Key
Low level window	Restrictor 60"	Single glazing
High level window	Insect Netting	Double glazing

A04. INTERNAL GLAZING

	Bil.	
--	------	--

A05. HATCH / PASS THROUGH COUNTER

--	--	--

A06. SIGNAGES

RS - BILIK RAWATAN	1	
RC	1	

A07. BUILT-IN FURNITURES

BK2	1	
BK5	1	
W1	1	
BA1	1	
BA2	2	
B30	1	

A08. LABORATORY FURNITURES

	Bil.	
--	------	--

A09. LOOSE FURNITURES

LF322	1	
-------	---	--

A10. ACCESSORIES

Floor Mounted / Wall Protection	Curtain Track
Cubical Track	1
IV Track	Blind
	Artworks

A11. WALL TYPES

Cavity Wall	
Single Wall	/
Dry wall	
Curtain Wall	

A12. SANITARY WARES & FITTING

E1 SETS (CLINICAL SINK)	
R1 - PHENOLIC BOARD & SPLASH	1
M1 - GLASS MIRROR	1
T5 - PREMIX KLUDI ELBOW ACTION	1
B2 - CLINICAL HAND WAS BASIN	1
R2 - BOTTLE TRAP	1
A3 - PAPER TOWEL	1
A2 - SOAP DISPENSER	1

A13. OTHERS

	Bil.	
--	------	--

B. MECHANICAL REQUIREMENTS

B1. MEDICAL GAS

IGAS PIPING	Bil.	ii)TYPE OF OUTLET	Bil.
Oxygen	1	Wall Mounted	
Nitrous Oxide		Bedhead Panel	
Medical Vacuum	1	Medical Pendant	
Medical Air - 4 bar		Neonatal Workstation	
Surgical Air - 7 bar		A&E Workstation	
Surgical Air - 10 bar			
Eticon			
Other			

B2. FIRE FIGHTING

Sprinkler System	/	Conceal type	Sidewall
Pendant type			
Fire Extinguisher			
CO2 Portable		DP portable	
Fire Alarm		Clean Agent	
Smoke Detector		Heat Detector	Combine
Alarm Bell		Flashing Light	Sounder

B3. VENTILATION SYSTEM

i)Ventilation			
Mechanical Vent	Natural Vent	Ceiling Fan	
Air Extraction - Mechanical Ventilation			
Ducted Exhaust	Non Ducted Exhaust		
Air Filtration			
Normal Filters	Hepa Filters		
Usage			
Intermittent	Office Hours		
24 Hours	Extended Hours		
ii)Air Conditioning			
Room Temperature °C	74°F± 1°F	Air Change	
Relative Humidity (%)		Room Static Level (Pa)	
Permissible Noise Level (nc)		Total Exhaust	Y/N
Air Filtration			
Normal Filters	HEPA Filters		
iii) Air-conditioning (usage)			
Intermittent	Office Hours		
24 Hours	Extended Hours		

B4. WATER AND SANITARY REQUIREMENT

SALURAN AIR	Bil.		Bil.
Cold	Hot	Outlet	
RO Water			
Special Drainage Requirement	Bil.		Bil.
Gross Trap	Neutralised Tank		
Plaster Trap	Other		

B5. PNEUMATIC TUBE

--	--

B6. SPECIAL REQUIREMENT

Medical	
---------	--

C. IT REQUIREMENTS

C1. NETWORK POINTS

UTP	STP	WIFI
2		

C2. TELEFON

Specification	Type A	Type B	Type C	Fax
Quantity			1	
Digital/Analog/VOIP				

C3. COMPUTER

Workstation	Tablet	Laptop/Notebook
Type	Qty	Type
	1	

C4. PACS Workstation

Reporting Station	Viewing Station	Digitiser
Qty	Qty	Qty

C5. PRINTERS

Type	Qty	Qty
Network Printer (A3) Colour		Local Printer (A4) Black
Network Printer (A4) Black		Local Printer (A4) Colour
Network Printer (A4) Colour		Barcode Printer

C6. MISCELLANEOUS

Barcode Scanner	MyKad Reader
Flatbed Scanner	Info Kiosk
Video Conferencing	PC Trolley
UPS(600VA)	1 Wireless AP

D. ELECTRICAL REQUIREMENTS

D1. LIGHTING REQUIREMENT

ii) Lighting Intensity		
Lux	500	
ii) Type	Type	Qty
Flourescent	/	8
iii) Others	Type	Qty
Night Light		
Emergency Light		
Stage Lighting		

D2. VENTILATION SYSTEM

Qty	NOTES
Ceiling Fan 1500	
Ceiling Fan 1200	
Wall Fan	
Fan Regulator	
Others	

D3. POWER SOURCE

Socket	Normal	Essential	UPS	Notes
13 Amp Single	4	2		
13 Amp Twin				
15 Amp Single				
230V Termination	1			
Isolator				
L-phase				
3-phase				
Others				

D4. AUDIO SYSTEM

PA SYSTEM	Qty	Notes
Ceiling speaker	1	
Volume Control		
Box Speaker		
PA Rack		
Others		

D5. MATV SYSTEM

Qty	Notes
Sistem MATV	
MATV Point	
TV set (32" c/w bracket)	
TV set (42" c/w bracket)	
Others	

D6. DIGITAL CALLING SYSTEM

Qty	Notes
Digital Calling System	
Main Display Unit	1
Display Unit	1
Ticket Printer	1
Counter/room terminal	1
Others	

D7. NURSE CALL SYSTEM

Qty	Notes
A. PATIENT	
Cord	
Light	
Intercom/speech	
Pull Cord	
Code Blue	
B.STAFF	
Light	
Display	
Console	
Others	

D8. AUDIO VISUAL SYSTEM

Qty	Notes
LCD Projector	
Projector Screen	
Microphone	
Speaker	
AV Rack	
Others	

E. MEDICAL & NON MEDICAL EQUIPMENT REQUIREMENTS

GROUP 1-FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL

Code	Qty
No.	Supply & Install By Contractor As per Contract Document

Fixed Medical Equipment Related To Electrical

Item Codes	Item Description	Qty
X-ray Viewer	Single	2

Fixed Medical Equipment Related To Mechanical

Item	Notes	Qty
------	-------	-----

GROUP 2-FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL

Code	Qty
No.	Supply by Client & Install by Contractor
	(E.g: salvageable items from an existing hospital)

Fixed Medical Equipment Related To Mechanical

Item	Notes	Qty
------	-------	-----

GROUP 3 - LOOSE EQUIPMENTS

Equipment supply and install by Client

Item Code	Item Description	Qty
	Loose Medical Equipment	
1	Couch Clinical Exam	1
2	Mobile Exam Light	1

Loose Non-Medical Equipment

Item Code	Item Description	M/E	Qty
-----------	------------------	-----	-----

Loose Medical Furniture

Item Code	Item Description	M/E	Qty
-----------	------------------	-----	-----

GROUP 4 - CONSUMABLES

Others Detail/Equipment

Item Code	Item Description
-----------	------------------

F. REMARKS

KEMENTERIAN KESIHATAN MALAYSIA

JABATAN KERJA RAYA MALAYSIA

HOOD ARCHITECT

HOOD MECHANICAL

HOOD ELECTRIC

HOOD ICT

CLIENT

ROOM NAME : TREATMENT ROOM (24 HOURS)

DRAWING NO. : JKR/CA/P-DRP/07/26/PEL15/006/5

DATE

© 2017 Jabatan Kerja Raya Malaysia - Hak Cipta Terpelihara

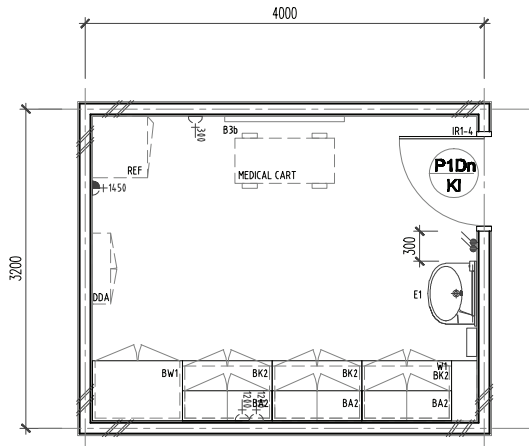
13



NOTE: - ALL 24HR A/C ROOM SHALL HAVE:
1. CAVITY WALL UP TO SOFFIT
2. LAMINATED SUSPENDED GYPSUM BOARD CEILING
3. DOORS AND WINDOW SHALL BE DOUBLE GLAZING
- REFER TO THE GUIDELINES FOR THE PREVENTION OF FUNGUS LATEST ISSUED BY JKR

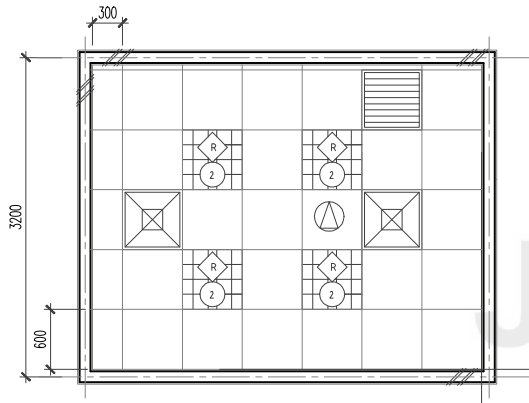
[illegible]

[illegible]

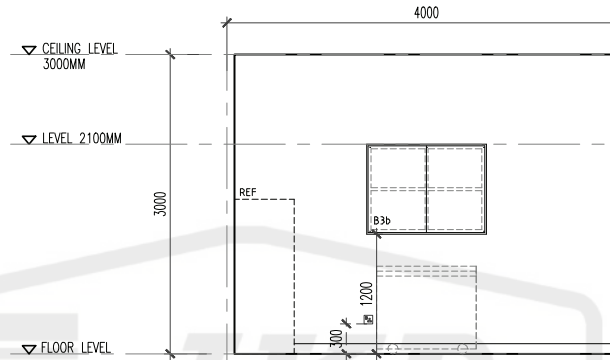


FLOOR PLAN

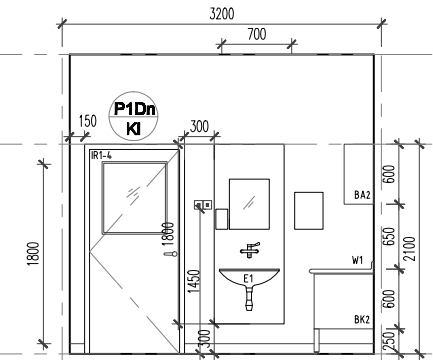
ROOM CODE	
V1/HT	SV/HT
EP	GB1
8H	3000
12.8 (M ²)	
A.L 0.00	



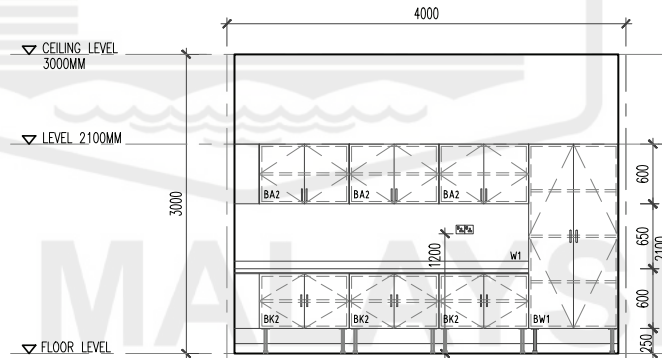
CEILING PLAN



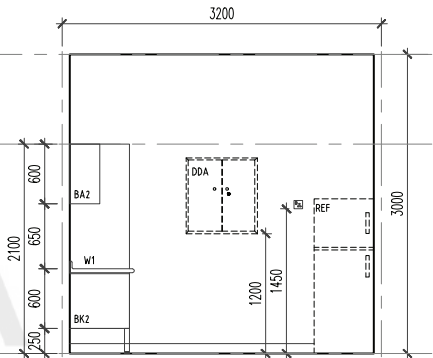
VIEW A



VIEW B



VIEW C

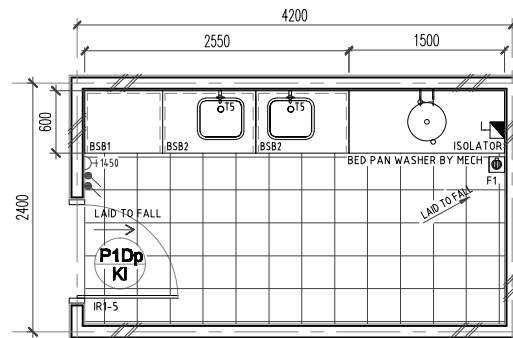


VIEW D

NOTA: - ALL 24HR A/C ROOM SHALL HAVE:
1 CAVITY WALL UP TO SOFFIT
2 LAMINATED SUSPENDED GYPSUM BOARD CEILING
3 DOORS AND WINDOW SHALL BE DOUBLE GLAZING
- REFER TO THE GUIDELINES FOR THE PREVENTION OF FUNGUS LATEST ISSUED BY JKR

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	CLEAN UTILITY	JKR/CA/P-DRP/07/26/PEL15/006/7
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DRAWING TYPE	REVISION
			PLAN & VIEW	
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

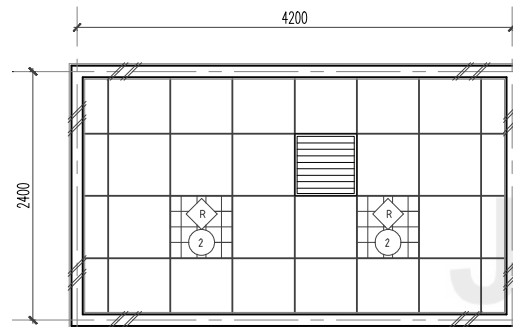
ROOM SIZE: 12.8m ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: CLEAN UTILITY		*ROOM CODE:																																																																																																												
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS																																																																																																												
A01. FINISHES				B1. MEDICAL GAS				D1. LIGHTING REQUIREMENT																																																																																																												
<table border="1"> <tr> <td>Wall</td> <td>Ceiling</td> <td>Floor</td> <td>Skirting</td> </tr> <tr> <td>GP</td> <td>GB1</td> <td>V1</td> <td>SV</td> </tr> </table>				Wall	Ceiling	Floor	Skirting	GP	GB1	V1	SV	<table border="1"> <tr> <td>IGAS PIPING</td> <td>Bil.</td> <td>ii) TYPE OF OUTLET</td> <td>Bil.</td> </tr> <tr> <td>Oxygen</td> <td></td> <td>Wall Mounted</td> <td></td> </tr> <tr> <td>Nitrous Oxide</td> <td></td> <td>Bedhead Panel</td> <td></td> </tr> <tr> <td>Medical Vacuum</td> <td></td> <td>Medical Pendant</td> <td></td> </tr> <tr> <td>Medical Air - 4 bar</td> <td></td> <td>Neonatal Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 7 bar</td> <td></td> <td>A&E Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 10 bar</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Etonox</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> </tr> </table>				IGAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.	Oxygen		Wall Mounted		Nitrous Oxide		Bedhead Panel		Medical Vacuum		Medical Pendant		Medical Air - 4 bar		Neonatal Workstation		Surgical Air - 7 bar		A&E Workstation		Surgical Air - 10 bar				Etonox				Other				<table border="1"> <tr> <td>Notes</td> <td>Qty.</td> </tr> <tr> <td>Notes</td> <td>Qty.</td> </tr> </table>				Notes	Qty.	Notes	Qty.																																																									
Wall	Ceiling	Floor	Skirting																																																																																																																	
GP	GB1	V1	SV																																																																																																																	
IGAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.																																																																																																																	
Oxygen		Wall Mounted																																																																																																																		
Nitrous Oxide		Bedhead Panel																																																																																																																		
Medical Vacuum		Medical Pendant																																																																																																																		
Medical Air - 4 bar		Neonatal Workstation																																																																																																																		
Surgical Air - 7 bar		A&E Workstation																																																																																																																		
Surgical Air - 10 bar																																																																																																																				
Etonox																																																																																																																				
Other																																																																																																																				
Notes	Qty.																																																																																																																			
Notes	Qty.																																																																																																																			
A02. DOOR				B2. FIRE FIGHTING				D2. VENTILATION SYSTEM																																																																																																												
<table border="1"> <tr> <td>Door 1</td> <td>Bil.</td> <td>Door 2</td> <td>Bil.</td> <td>Door 3</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>P10n / KI</td> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grille</td> <td>none</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Door 1	Bil.	Door 2	Bil.	Door 3	Bil.	Code	P10n / KI	1				Grille	none					Remarks						<table border="1"> <tr> <td>Sprinkler System</td> <td>V</td> </tr> <tr> <td>Pendant type</td> <td>1</td> </tr> <tr> <td>Conceal type</td> <td></td> </tr> <tr> <td>Sidewall</td> <td></td> </tr> <tr> <td>Fire Extinguisher</td> <td></td> </tr> <tr> <td>CO2 Portable</td> <td></td> </tr> <tr> <td>DP portable</td> <td></td> </tr> <tr> <td>Fire Alarm</td> <td></td> </tr> <tr> <td>Clean Agent</td> <td></td> </tr> <tr> <td>Smoke Detector</td> <td></td> </tr> <tr> <td>Heat Detector</td> <td></td> </tr> <tr> <td>Combine</td> <td></td> </tr> <tr> <td>Flashing Light</td> <td></td> </tr> <tr> <td>Alarm Bell</td> <td></td> </tr> </table>				Sprinkler System	V	Pendant type	1	Conceal type		Sidewall		Fire Extinguisher		CO2 Portable		DP portable		Fire Alarm		Clean Agent		Smoke Detector		Heat Detector		Combine		Flashing Light		Alarm Bell		<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																	
Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																																																																															
Code	P10n / KI	1																																																																																																																		
Grille	none																																																																																																																			
Remarks																																																																																																																				
Sprinkler System	V																																																																																																																			
Pendant type	1																																																																																																																			
Conceal type																																																																																																																				
Sidewall																																																																																																																				
Fire Extinguisher																																																																																																																				
CO2 Portable																																																																																																																				
DP portable																																																																																																																				
Fire Alarm																																																																																																																				
Clean Agent																																																																																																																				
Smoke Detector																																																																																																																				
Heat Detector																																																																																																																				
Combine																																																																																																																				
Flashing Light																																																																																																																				
Alarm Bell																																																																																																																				
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A03. WINDOW				B3. VENTILATION SYSTEM				D3. POWER SOURCE																																																																																																												
<table border="1"> <tr> <td>Window</td> <td>Bil.</td> <td>Specification</td> <td>/</td> <td>specification</td> <td>/</td> </tr> <tr> <td>Code</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grille</td> <td></td> <td>Restrictor 30"</td> <td></td> <td>Lockable Key</td> <td></td> </tr> <tr> <td>Low level window</td> <td></td> <td>Restrictor 60"</td> <td></td> <td>Single glazing</td> <td></td> </tr> <tr> <td>High level window</td> <td></td> <td>Insect Netting</td> <td></td> <td>Double glazing</td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/	Code						Grille		Restrictor 30"		Lockable Key		Low level window		Restrictor 60"		Single glazing		High level window		Insect Netting		Double glazing		Remarks						<table border="1"> <tr> <td>Mechanical Vent</td> <td>Natural Vent</td> <td>Ceiling Fan</td> </tr> <tr> <td>Air Extration - Mechanical Ventilation</td> <td></td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td>Non Ducted Exhaust</td> <td></td> </tr> <tr> <td>Air Filtration</td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td>Hepa Filters</td> <td></td> </tr> <tr> <td>Usage</td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td>Office Hours</td> <td>1</td> </tr> <tr> <td>24 Hours</td> <td>Extended Hours</td> <td></td> </tr> </table>				Mechanical Vent	Natural Vent	Ceiling Fan	Air Extration - Mechanical Ventilation			Ducted Exhaust	Non Ducted Exhaust		Air Filtration			Normal Filters	Hepa Filters		Usage			Intermittent	Office Hours	1	24 Hours	Extended Hours		<table border="1"> <tr> <td>Socket</td> <td>Normal</td> <td>Essential</td> <td>UPS</td> <td>Notes</td> </tr> <tr> <td>13 Amp Single</td> <td>3</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Socket	Normal	Essential	UPS	Notes	13 Amp Single	3	1			13 Amp Twin					15 Amp Single					230V Termination	1				Isolator					3-phase					3-phase					Others				
Window	Bil.	Specification	/	specification	/																																																																																																															
Code																																																																																																																				
Grille		Restrictor 30"		Lockable Key																																																																																																																
Low level window		Restrictor 60"		Single glazing																																																																																																																
High level window		Insect Netting		Double glazing																																																																																																																
Remarks																																																																																																																				
Mechanical Vent	Natural Vent	Ceiling Fan																																																																																																																		
Air Extration - Mechanical Ventilation																																																																																																																				
Ducted Exhaust	Non Ducted Exhaust																																																																																																																			
Air Filtration																																																																																																																				
Normal Filters	Hepa Filters																																																																																																																			
Usage																																																																																																																				
Intermittent	Office Hours	1																																																																																																																		
24 Hours	Extended Hours																																																																																																																			
Socket	Normal	Essential	UPS	Notes																																																																																																																
13 Amp Single	3	1																																																																																																																		
13 Amp Twin																																																																																																																				
15 Amp Single																																																																																																																				
230V Termination	1																																																																																																																			
Isolator																																																																																																																				
3-phase																																																																																																																				
3-phase																																																																																																																				
Others																																																																																																																				
A04. INTERNAL GLAZING				B4. WATER AND SANITARY REQUIREMENT				D4. AUDIO SYSTEM																																																																																																												
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> </table>				Bil.	Bil.	<table border="1"> <tr> <td>SALURAN AIR</td> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Cold Only</td> <td></td> <td>Hot & Cold</td> </tr> <tr> <td>RO Water</td> <td></td> <td>Outlet</td> </tr> <tr> <td>Special Drainage</td> <td></td> <td></td> </tr> <tr> <td>Requirement</td> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Grease Trap</td> <td></td> <td>Neutralised Tank</td> </tr> <tr> <td>Plaster Trap</td> <td></td> <td>Other</td> </tr> </table>				SALURAN AIR	Bil.	Bil.	Cold Only		Hot & Cold	RO Water		Outlet	Special Drainage			Requirement	Bil.	Bil.	Grease Trap		Neutralised Tank	Plaster Trap		Other	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																														
Bil.	Bil.																																																																																																																			
SALURAN AIR	Bil.	Bil.																																																																																																																		
Cold Only		Hot & Cold																																																																																																																		
RO Water		Outlet																																																																																																																		
Special Drainage																																																																																																																				
Requirement	Bil.	Bil.																																																																																																																		
Grease Trap		Neutralised Tank																																																																																																																		
Plaster Trap		Other																																																																																																																		
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM																																																																																																												
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> </table>				Bil.	Bil.	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																															
Bil.	Bil.																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM																																																																																																												
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> </table>				Bil.	Bil.	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																															
Bil.	Bil.																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A07. BUILT-IN FURNITURES				C. IT REQUIREMENTS				D7. NURSE CALL SYSTEM																																																																																																												
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> </table>				Bil.	Bil.	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																															
Bil.	Bil.																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A08. LABORATORY FURNITURES				C1. NETWORK POINTS				D8. AUDIO VISUAL SYSTEM																																																																																																												
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> </table>				Bil.	Bil.	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																															
Bil.	Bil.																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A09. LOOSE FURNITURES				C2. TELEFON				D9. SECURITY SYSTEM																																																																																																												
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> </table>				Bil.	Bil.	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																															
Bil.	Bil.																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A10. ACCESSORIES				C3. COMPUTER				GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL																																																																																																												
<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																													
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A11. WALL TYPES				C4. PACS Workstation				GROUP 2 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL																																																																																																												
<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																													
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A12. SANITARY WARES & FITTING				C5. PRINTERS				GROUP 3 - LOOSE EQUIPMENTS																																																																																																												
<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																													
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
A13. OTHERS				C6. MISCELLANEOUS				GROUP 4 - CONSUMABLES																																																																																																												
<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes	<table border="1"> <tr> <td>Qty.</td> <td>Notes</td> </tr> <tr> <td>Qty.</td> <td>Notes</td> </tr> </table>				Qty.	Notes	Qty.	Notes																																																																																													
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			
Qty.	Notes																																																																																																																			



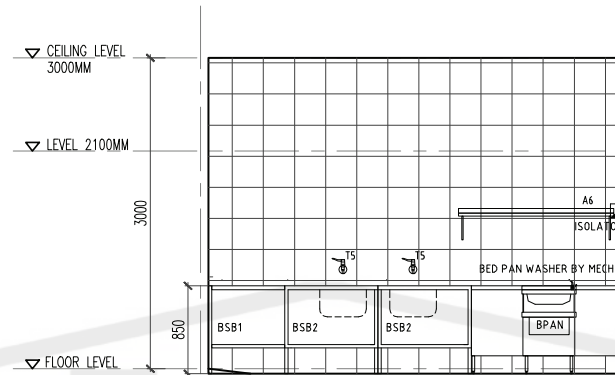
FLOOR PLAN



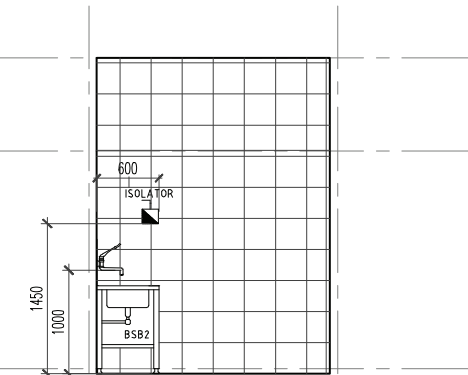
ROOM CODE	
HTS	-
WCT3	LGB1
MV	3M
	10M ²
	-



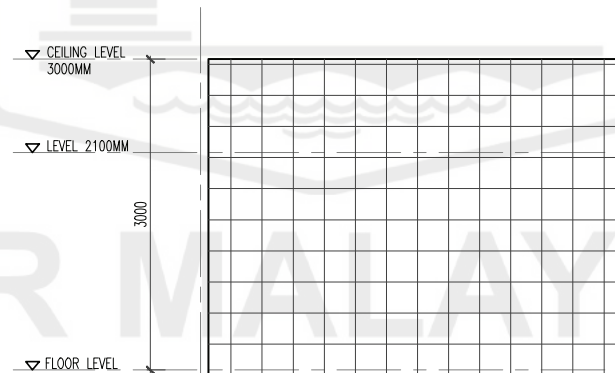
CEILING PLAN



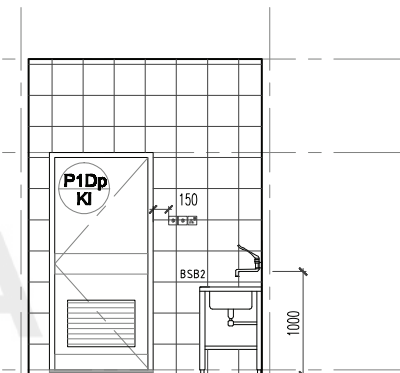
VIEW A



VIEW B



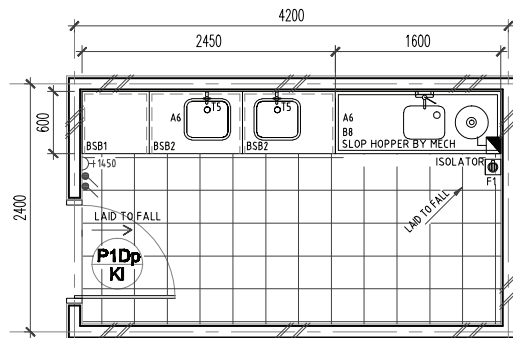
VIEW C



VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DIRTY UTILITY (WITH BEDPAN WASHER)	JKR/CA/P-DRP/07/28/PEL15/006/8
			DRAWING TYPE	REVISION
			PLAN & VIEW	
			DATE	SCALE
			NOV 2017	not to scale

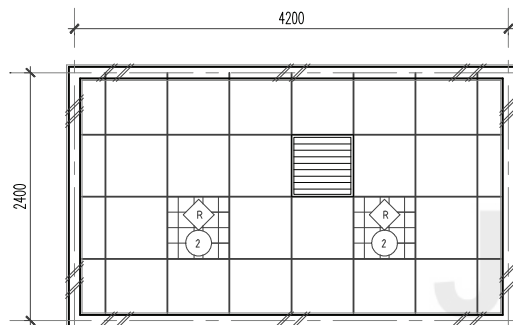
ROOM SIZE: 10m ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: DIRTY UTILITY		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION			
Wall Walls (Less Than 200 mm) - 100% 200 mm (Gypsum Board) (Ceiling) High) (Classification Group B1)				i) GAS PIPING Oxygen Nitrous Oxide Medical Vacuum Medical Air - 4 bar Surgical Air - 7 bar Surgical Air - 10 bar Etonox Other				ii) Lighting Intensity Lux Type Qty			
Ceiling P10p / K1				Bil. 1				Type v Qty 2			
Floor				Bil. 1				Type Qty			
Skirting				Bil. 1				Type Qty			
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM			
Door 1 Code Grille Remarks				Bil. 1				Qty			
Door 2 Code Grille Remarks				Bil. 1				Qty			
Door 3 Code Grille Remarks				Bil. 1				Qty			
DOOR ACCESSORIES				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT			
Ironmongery Door Protection Push Plate Crash Plate Kick Plate Remarks				Bil. 1				Qty			
A03. WINDOW				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM			
Code Grille Low level window High level window Remarks				Bil. 1				Qty			
A04. INTERNAL GLAZING				B5. PNEUMATIC TUBE				D5. MATV SYSTEM			
Bil. 1				Bil. 1				Qty			
A05. HATCH / PASS THROUGH COUNTER				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM			
Bil. 1				Bil. 1				Qty			
A06. SIGNAGES				B7. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM			
Bil. 1				Bil. 1				Qty			
A07. BUILT-IN FURNITURES				B8. MISCELLANEOUS				D8. AUDIO VISUAL SYSTEM			
Bil. 1				Bil. 1				Qty			
A08. LABORATORY FURNITURES				B9. OTHERS				D9. SECURITY SYSTEM			
Bil. 1				Bil. 1				Qty			
A09. LOOSE FURNITURES				B10. OTHERS				D10. OTHERS			
Bil. 1				Bil. 1				Qty			
A10. ACCESSORIES				B11. OTHERS				D11. OTHERS			
Floor Mounted / Wall Protection Cubical Track IV Track Remarks / Others				Bil. 1				Qty			
A11. WALL TYPES				B12. OTHERS				D12. OTHERS			
Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				Bil. 1				Qty			
A12. SANITARY WARES & FITTING				B13. OTHERS				D13. OTHERS			
TS : Kitchen Tap F1 : Floor Trap BSB : Double Bowl Single Drainer P3 : Bottle Trap				Bil. 1				Qty			
A13. OTHERS				B14. OTHERS				D14. OTHERS			
Bil. 1				Bil. 1				Qty			
B15. OTHERS				B16. OTHERS				D15. OTHERS			
Bil. 1				Bil. 1				Qty			
B17. OTHERS				B18. OTHERS				D16. OTHERS			
Bil. 1				Bil. 1				Qty			
B19. OTHERS				B20. OTHERS				D17. OTHERS			
Bil. 1				Bil. 1				Qty			
B21. OTHERS				B22. OTHERS				D18. OTHERS			
Bil. 1				Bil. 1				Qty			
B23. OTHERS				B24. OTHERS				D19. OTHERS			
Bil. 1				Bil. 1				Qty			
B25. OTHERS				B26. OTHERS				D20. OTHERS			
Bil. 1				Bil. 1				Qty			
B27. OTHERS				B28. OTHERS				D21. OTHERS			
Bil. 1				Bil. 1				Qty			
B29. OTHERS				B30. OTHERS				D22. OTHERS			
Bil. 1				Bil. 1				Qty			
B31. OTHERS				B32. OTHERS				D23. OTHERS			
Bil. 1				Bil. 1				Qty			
B33. OTHERS				B34. OTHERS				D24. OTHERS			
Bil. 1				Bil. 1				Qty			
B35. OTHERS				B36. OTHERS				D25. OTHERS			
Bil. 1				Bil. 1				Qty			
B37. OTHERS				B38. OTHERS				D26. OTHERS			
Bil. 1				Bil. 1				Qty			
B39. OTHERS				B40. OTHERS				D27. OTHERS			
Bil. 1				Bil. 1				Qty			
B41. OTHERS				B42. OTHERS				D28. OTHERS			
Bil. 1				Bil. 1				Qty			
B43. OTHERS				B44. OTHERS				D29. OTHERS			
Bil. 1				Bil. 1				Qty			
B45. OTHERS				B46. OTHERS				D30. OTHERS			
Bil. 1				Bil. 1				Qty			
B47. OTHERS				B48. OTHERS				D31. OTHERS			
Bil. 1				Bil. 1				Qty			
B49. OTHERS				B50. OTHERS				D32. OTHERS			
Bil. 1				Bil. 1				Qty			
B51. OTHERS				B52. OTHERS				D33. OTHERS			
Bil. 1				Bil. 1				Qty			
B53. OTHERS				B54. OTHERS				D34. OTHERS			
Bil. 1				Bil. 1				Qty			
B55. OTHERS				B56. OTHERS				D35. OTHERS			
Bil. 1				Bil. 1				Qty			
B57. OTHERS				B58. OTHERS				D36. OTHERS			



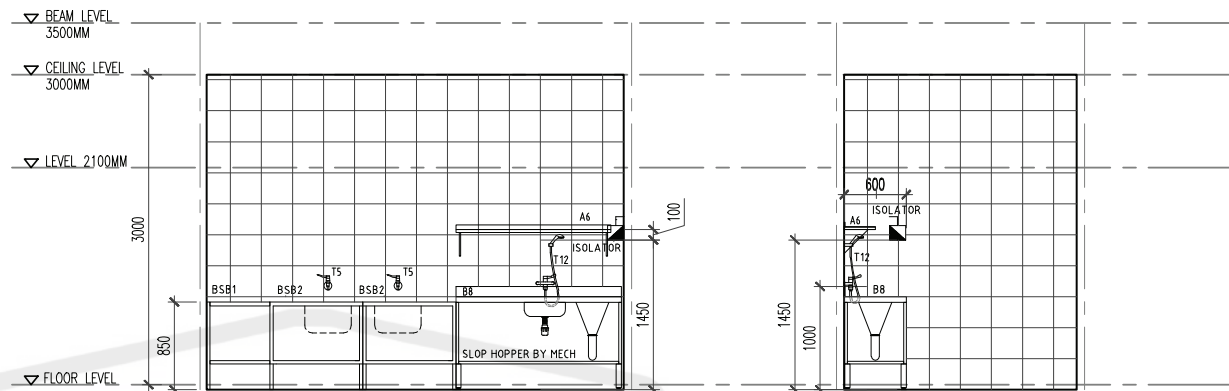
FLOOR PLAN



ROOM CODE	
HT5	-
WCT3	LGB1
MV	3M
	10M ²
	-

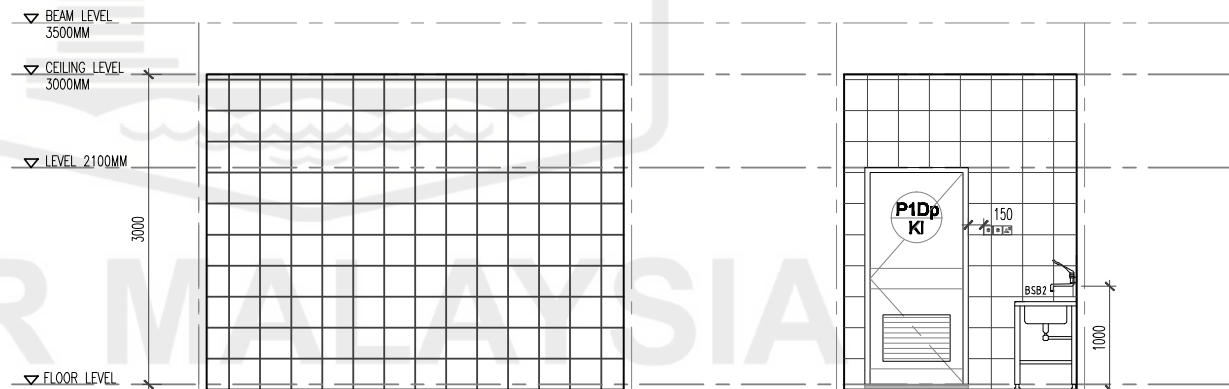


CEILING PLAN



VIEW A

VIEW B

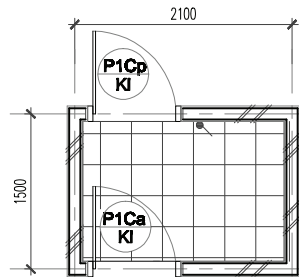


VIEW C

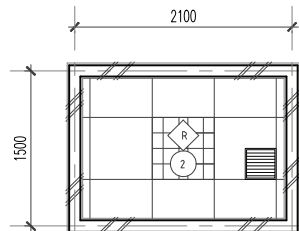
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING TYPE	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DIRTY UTILITY (WITH SLOP HOPPER)	PLAN & VIEW	JKR/CAP-DRP/07/28/PEL15/006/9
			DATE	SCALE	REVISION
			NOV 2017	not to scale	

ROOM SIZE: 10m ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: DIRTY UTILITY		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION			
Wall PVC T & Ceramic Tiles (200 mm x 100 mm - 400mm x 600mm x 800mm) - PVC 200 mm (Glossy Finish) (Ceiling) (Weight) (Classification Group B10)				Ceiling PVC T & Ceramic Tiles (200 mm x 100 mm - 400mm x 600mm x 800mm) - PVC 200 mm (Glossy Finish) (Ceiling) (Weight) (Classification Group B10)				Floor PVC T & Ceramic Tiles (200 mm x 100 mm - 400mm x 600mm x 800mm) - PVC 200 mm (Glossy Finish) (Ceiling) (Weight) (Classification Group B10)			
Skirting PVC T & Ceramic Tiles (200 mm x 100 mm - 400mm x 600mm x 800mm) - PVC 200 mm (Glossy Finish) (Ceiling) (Weight) (Classification Group B10)				Bil. PVC T & Ceramic Tiles (200 mm x 100 mm - 400mm x 600mm x 800mm) - PVC 200 mm (Glossy Finish) (Ceiling) (Weight) (Classification Group B10)				Bil. PVC T & Ceramic Tiles (200 mm x 100 mm - 400mm x 600mm x 800mm) - PVC 200 mm (Glossy Finish) (Ceiling) (Weight) (Classification Group B10)			
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM			
Door 1 Bil. Door 2 Bil. Door 3 Bil.				Sprinkler System v Pendant type v Conceal type Sidewall Fire Extinguisher CO2 Portable DP portable Fire Alarm Clean Agent Smoke Detector Heat Detector Combine Alarm Bell Sounder				Qty NOTES Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others			
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT			
Bil. Specification / Specification /				i. Ventilation Mechanical Vent v Natural Vent Ceiling Fan Air Extraction - Mechanical Ventilation Ducted Exhaust v Non Ducted Exhaust Air Filtration Normal Filters Hepa Filters Usage Intermittent Office Hours 24 Hours Extended Hours				Qty Notes Socket Normal Essential UPS Notes 13 Amp Single 1 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 1 3-phase Others			
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM			
Bil. Bil.				Bil. Bil.				Qty Notes PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others			
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM			
								Qty Notes Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others			
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM			
Bil. Bil.				Bil. Bil.				Qty Notes Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others			
A07. BUILT-IN FURNITURES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM			
Bil. Bil.				Bil. Bil.				Qty Notes Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others			
A08. LABORATORY FURNITURES				C1. NETWORK POINTS				D8. DB. AUDIO VISUAL SYSTEM			
Bil. Bil.				Bil. Bil.				Qty Notes LCD Projector Projector Screen Microphone Speaker AV Rack Others			
A09. LOOSE FURNITURES				C2. TELEPHONE				D9. SECURITY SYSTEM			
Bil. Bil.				Bil. Bil.				Qty Notes Security System Dome Camera PTZ Camera Monitor Recorder/Decoder Others			
A10. ACCESSORIES				C3. COMPUTER				E. MEDICAL & NON-MEDICAL EQUIPMENT REQUIREMENTS			
Floor Mounted / Wall Protection Curtain Track Cubical Track Blind IV Track Artworks				Workstation Type Qty Tablet Type Qty Laptop/Notebook Type Qty				Code No. Supply & Install By Contractor As per Contract Document			
A11. WALL TYPES				C4. PACS Workstation				Fixed Medical Equipment Related To Electrical			
/ /				Reporting Station Qty Viewing Station Digitiser Qty				Item Code Item Description Qty.			
A12. SANITARY WARES & FITTING				C5. PRINTERS				Fixed Medical Equipment Related To Mechanical			
Bil. Bil.				Type Qty Network Printer (A3) Colour Local Printer (A4) Black Network Printer (A4) Black Local Printer (A4) Colour Network Printer (A4) Colour Barcode Printer				Item Code Item Description Qty.			
A13. OTHERS				C6. MISCELLANEOUS				F. REMARKS			
Bil. Bil.				Qty Qty				Note: * to be fill based on project			

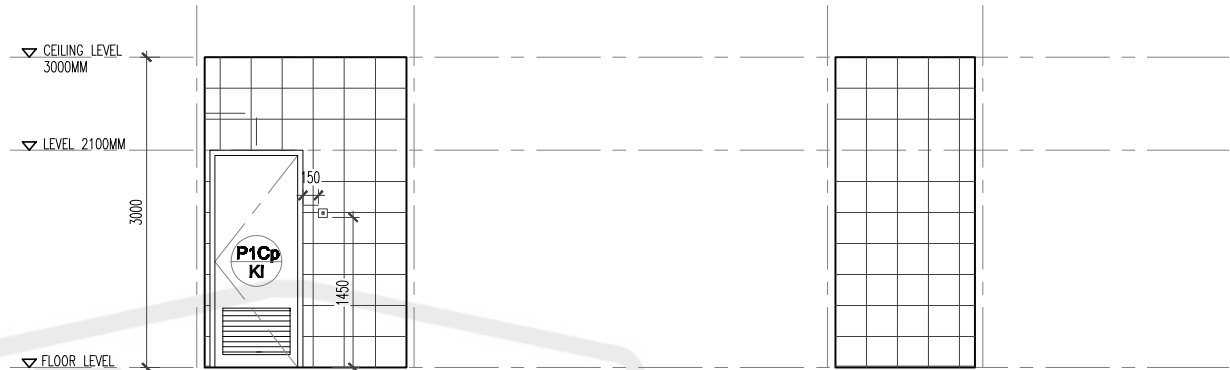


FLOOR PLAN



CEILING PLAN

ROOM CODE	
HT4	ST
WCT4	LGB
MV	3M
3M ²	
-	



VIEW A

VIEW B



VIEW C

VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DISPOSAL ROOM	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/10
			DATE	SCALE	REVISION
			NOV 2017	not to scale	

ROOM SIZE: 3 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: DISPOSAL ROOM		*ROOM CODE:																																																																																																																																																											
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS																																																																																																																																																											
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION																																																																																																																																																											
<table border="1"> <tr> <td>Wall</td> <td>Ceiling</td> <td>Floor</td> <td>Skirting</td> </tr> <tr> <td>Walls - Ceramic Tiles (200 mm x 200 mm) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)</td> <td>25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)</td> <td>25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)</td> <td>25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)</td> </tr> </table>				Wall	Ceiling	Floor	Skirting	Walls - Ceramic Tiles (200 mm x 200 mm) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)	25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)	25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)	25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)	<table border="1"> <tr> <td>IGAS PIPING</td> <td>Bil.</td> <td>ii) TYPE OF OUTLET</td> <td>Bil.</td> </tr> <tr> <td>Oxygen</td> <td></td> <td>Wall Mounted</td> <td></td> </tr> <tr> <td>Nitrous Oxide</td> <td></td> <td>Bedhead Panel</td> <td></td> </tr> <tr> <td>Medical Vacuum</td> <td></td> <td>Medical Pendant</td> <td></td> </tr> <tr> <td>Medical Air - 4 bar</td> <td></td> <td>Neonatal Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 7 bar</td> <td></td> <td>A&E Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 10 bar</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Etonox</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> </tr> </table>				IGAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.	Oxygen		Wall Mounted		Nitrous Oxide		Bedhead Panel		Medical Vacuum		Medical Pendant		Medical Air - 4 bar		Neonatal Workstation		Surgical Air - 7 bar		A&E Workstation		Surgical Air - 10 bar				Etonox				Other				<table border="1"> <tr> <td>ii) Lighting Intensity</td> <td>100</td> <td>Qty</td> <td></td> </tr> <tr> <td>Fluorescent</td> <td>v</td> <td>1</td> <td></td> </tr> <tr> <td>Downlight</td> <td></td> <td></td> <td></td> </tr> <tr> <td>iii) Others</td> <td>Type</td> <td>Qty</td> <td></td> </tr> <tr> <td>Night Light</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Emergency Light</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stage Lighting</td> <td></td> <td></td> <td></td> </tr> </table>				ii) Lighting Intensity	100	Qty		Fluorescent	v	1		Downlight				iii) Others	Type	Qty		Night Light				Emergency Light				Stage Lighting																																																																																			
Wall	Ceiling	Floor	Skirting																																																																																																																																																																
Walls - Ceramic Tiles (200 mm x 200 mm) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)	25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)	25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)	25mm x 600mm x 600mm x 5mm (Walls) (Below Sinks) (Coffing Height) (PVC Laminated Gypsum Board @ 2400)																																																																																																																																																																
IGAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.																																																																																																																																																																
Oxygen		Wall Mounted																																																																																																																																																																	
Nitrous Oxide		Bedhead Panel																																																																																																																																																																	
Medical Vacuum		Medical Pendant																																																																																																																																																																	
Medical Air - 4 bar		Neonatal Workstation																																																																																																																																																																	
Surgical Air - 7 bar		A&E Workstation																																																																																																																																																																	
Surgical Air - 10 bar																																																																																																																																																																			
Etonox																																																																																																																																																																			
Other																																																																																																																																																																			
ii) Lighting Intensity	100	Qty																																																																																																																																																																	
Fluorescent	v	1																																																																																																																																																																	
Downlight																																																																																																																																																																			
iii) Others	Type	Qty																																																																																																																																																																	
Night Light																																																																																																																																																																			
Emergency Light																																																																																																																																																																			
Stage Lighting																																																																																																																																																																			
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td>Door 1</td> <td>Bil.</td> <td>Door 2</td> <td>Bil.</td> <td>Door 3</td> <td>Bil.</td> </tr> <tr> <td></td> <td>P1Ca / KI</td> <td>1</td> <td>P1Cp/KI</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.		P1Ca / KI	1	P1Cp/KI	1			Remarks							<table border="1"> <tr> <td>Sprinkler System</td> <td>v</td> <td></td> <td></td> </tr> <tr> <td>Pendant type</td> <td>v</td> <td>Conceal type</td> <td>Sidewall</td> </tr> <tr> <td>Fire Extinguisher</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO2 Portable</td> <td></td> <td>DP portable</td> <td></td> </tr> <tr> <td>Fire Alarm</td> <td></td> <td>Clean Agent</td> <td></td> </tr> <tr> <td>Smoke Detector</td> <td></td> <td>Heat Detector</td> <td>Combine</td> </tr> <tr> <td>Alarm Bell</td> <td></td> <td>Flashing Light</td> <td>Sounder</td> </tr> </table>				Sprinkler System	v			Pendant type	v	Conceal type	Sidewall	Fire Extinguisher				CO2 Portable		DP portable		Fire Alarm		Clean Agent		Smoke Detector		Heat Detector	Combine	Alarm Bell		Flashing Light	Sounder	<table border="1"> <tr> <td>Ceiling Fan 1500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ceiling Fan 1200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wall Fan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fan Regulator</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> </tr> </table>				Ceiling Fan 1500				Ceiling Fan 1200				Wall Fan				Fan Regulator				Others																																																																																						
Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																																																																																																																													
	P1Ca / KI	1	P1Cp/KI	1																																																																																																																																																															
Remarks																																																																																																																																																																			
Sprinkler System	v																																																																																																																																																																		
Pendant type	v	Conceal type	Sidewall																																																																																																																																																																
Fire Extinguisher																																																																																																																																																																			
CO2 Portable		DP portable																																																																																																																																																																	
Fire Alarm		Clean Agent																																																																																																																																																																	
Smoke Detector		Heat Detector	Combine																																																																																																																																																																
Alarm Bell		Flashing Light	Sounder																																																																																																																																																																
Ceiling Fan 1500																																																																																																																																																																			
Ceiling Fan 1200																																																																																																																																																																			
Wall Fan																																																																																																																																																																			
Fan Regulator																																																																																																																																																																			
Others																																																																																																																																																																			
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td>Specification</td> <td>/</td> <td>Specification</td> <td>/</td> </tr> <tr> <td>Grille</td> <td></td> <td></td> <td>Restrictor 30"</td> <td></td> <td>Lockable Key Alike</td> <td></td> </tr> <tr> <td>Low level window</td> <td></td> <td></td> <td>Restrictor 60"</td> <td></td> <td>Single glazing</td> <td></td> </tr> <tr> <td>High level window</td> <td></td> <td></td> <td>Insect Netting</td> <td></td> <td>Double glazing</td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.	Specification	/	Specification	/	Grille			Restrictor 30"		Lockable Key Alike		Low level window			Restrictor 60"		Single glazing		High level window			Insect Netting		Double glazing		Remarks							<table border="1"> <tr> <td>i. Ventilation</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mechanical Vent</td> <td>v</td> <td>Natural Vent</td> <td>Ceiling Fan</td> </tr> <tr> <td>Air Extraction - Mechanical Ventilation</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td>v</td> <td>Non Ducted Exhaust</td> <td></td> </tr> <tr> <td>Air Filtration</td> <td></td> <td>Hepa Filters</td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Usage</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td></td> <td>Office Hours</td> <td></td> </tr> <tr> <td>24 Hours</td> <td></td> <td>Extended Hours</td> <td></td> </tr> <tr> <td>ii) Air Conditioning</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Room Temperature @</td> <td>74°F ± 1°F</td> <td>Air Change</td> <td></td> </tr> <tr> <td>Relative Humidity (%)</td> <td>55±5</td> <td>Room Static Level (Pa)</td> <td></td> </tr> <tr> <td>Permissible Noise Level (nc)</td> <td></td> <td>Total Exhaust</td> <td></td> </tr> <tr> <td>Air Filtration</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td>HEPA Filters</td> <td></td> </tr> <tr> <td>iii) Air-conditioning (usage)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td></td> <td>Office Hours</td> <td></td> </tr> <tr> <td>24 Hours</td> <td></td> <td>Extended Hours</td> <td></td> </tr> </table>				i. Ventilation				Mechanical Vent	v	Natural Vent	Ceiling Fan	Air Extraction - Mechanical Ventilation				Ducted Exhaust	v	Non Ducted Exhaust		Air Filtration		Hepa Filters		Normal Filters				Usage				Intermittent		Office Hours		24 Hours		Extended Hours		ii) Air Conditioning				Room Temperature @	74°F ± 1°F	Air Change		Relative Humidity (%)	55±5	Room Static Level (Pa)		Permissible Noise Level (nc)		Total Exhaust		Air Filtration				Normal Filters		HEPA Filters		iii) Air-conditioning (usage)				Intermittent		Office Hours		24 Hours		Extended Hours		<table border="1"> <tr> <td>Socket</td> <td>Normal</td> <td>Essential</td> <td>UPS</td> <td>Notes</td> </tr> <tr> <td>13 Amp Single</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Socket	Normal	Essential	UPS	Notes	13 Amp Single					13 Amp Twin					15 Amp Single					230V Termination					Isolator					1-phase					3-phase					Others				
Code		Bil.	Specification	/	Specification	/																																																																																																																																																													
Grille			Restrictor 30"		Lockable Key Alike																																																																																																																																																														
Low level window			Restrictor 60"		Single glazing																																																																																																																																																														
High level window			Insect Netting		Double glazing																																																																																																																																																														
Remarks																																																																																																																																																																			
i. Ventilation																																																																																																																																																																			
Mechanical Vent	v	Natural Vent	Ceiling Fan																																																																																																																																																																
Air Extraction - Mechanical Ventilation																																																																																																																																																																			
Ducted Exhaust	v	Non Ducted Exhaust																																																																																																																																																																	
Air Filtration		Hepa Filters																																																																																																																																																																	
Normal Filters																																																																																																																																																																			
Usage																																																																																																																																																																			
Intermittent		Office Hours																																																																																																																																																																	
24 Hours		Extended Hours																																																																																																																																																																	
ii) Air Conditioning																																																																																																																																																																			
Room Temperature @	74°F ± 1°F	Air Change																																																																																																																																																																	
Relative Humidity (%)	55±5	Room Static Level (Pa)																																																																																																																																																																	
Permissible Noise Level (nc)		Total Exhaust																																																																																																																																																																	
Air Filtration																																																																																																																																																																			
Normal Filters		HEPA Filters																																																																																																																																																																	
iii) Air-conditioning (usage)																																																																																																																																																																			
Intermittent		Office Hours																																																																																																																																																																	
24 Hours		Extended Hours																																																																																																																																																																	
Socket	Normal	Essential	UPS	Notes																																																																																																																																																															
13 Amp Single																																																																																																																																																																			
13 Amp Twin																																																																																																																																																																			
15 Amp Single																																																																																																																																																																			
230V Termination																																																																																																																																																																			
Isolator																																																																																																																																																																			
1-phase																																																																																																																																																																			
3-phase																																																																																																																																																																			
Others																																																																																																																																																																			
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Saluran Air</td> <td>Bil.</td> <td>Hot & Cold</td> <td>Bil.</td> </tr> <tr> <td>Cold Only</td> <td></td> <td>Outlet</td> <td></td> </tr> <tr> <td>RO Water</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Special Drainage Requirement</td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Grease Trap</td> <td></td> <td>Neutralised Tank</td> <td></td> </tr> <tr> <td>Plaster Trap</td> <td></td> <td>Other</td> <td></td> </tr> </table>				Saluran Air	Bil.	Hot & Cold	Bil.	Cold Only		Outlet		RO Water				Special Drainage Requirement	Bil.		Bil.	Grease Trap		Neutralised Tank		Plaster Trap		Other		<table border="1"> <tr> <td>PA SYSTEM</td> <td>Qty</td> <td>Notes</td> </tr> <tr> <td>Ceiling speaker</td> <td></td> <td></td> </tr> <tr> <td>Volume Control</td> <td></td> <td></td> </tr> <tr> <td>Box Speaker</td> <td></td> <td></td> </tr> <tr> <td>PA Rack</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				PA SYSTEM	Qty	Notes	Ceiling speaker			Volume Control			Box Speaker			PA Rack			Others																																																																																																						
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Saluran Air	Bil.	Hot & Cold	Bil.																																																																																																																																																																
Cold Only		Outlet																																																																																																																																																																	
RO Water																																																																																																																																																																			
Special Drainage Requirement	Bil.		Bil.																																																																																																																																																																
Grease Trap		Neutralised Tank																																																																																																																																																																	
Plaster Trap		Other																																																																																																																																																																	
PA SYSTEM	Qty	Notes																																																																																																																																																																	
Ceiling speaker																																																																																																																																																																			
Volume Control																																																																																																																																																																			
Box Speaker																																																																																																																																																																			
PA Rack																																																																																																																																																																			
Others																																																																																																																																																																			
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Sistem MATV</td> <td>Qty</td> <td>Notes</td> </tr> <tr> <td>MATV Point</td> <td></td> <td></td> </tr> <tr> <td>TV set (32" c/w bracket)</td> <td></td> <td></td> </tr> <tr> <td>TV set (42" c/w bracket)</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Sistem MATV	Qty	Notes	MATV Point			TV set (32" c/w bracket)			TV set (42" c/w bracket)			Others			<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document																																																																																																																										
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Sistem MATV	Qty	Notes																																																																																																																																																																	
MATV Point																																																																																																																																																																			
TV set (32" c/w bracket)																																																																																																																																																																			
TV set (42" c/w bracket)																																																																																																																																																																			
Others																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Digital Calling System</td> <td>Qty</td> <td>Notes</td> </tr> <tr> <td>Main Display Unit</td> <td></td> <td></td> </tr> <tr> <td>Display Unit</td> <td></td> <td></td> </tr> <tr> <td>Ticket Printer</td> <td></td> <td></td> </tr> <tr> <td>Counter/room terminal</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Digital Calling System	Qty	Notes	Main Display Unit			Display Unit			Ticket Printer			Counter/room terminal			Others			<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document																																																																																																																							
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Digital Calling System	Qty	Notes																																																																																																																																																																	
Main Display Unit																																																																																																																																																																			
Display Unit																																																																																																																																																																			
Ticket Printer																																																																																																																																																																			
Counter/room terminal																																																																																																																																																																			
Others																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
A07. BUILT-IN FURNITURES				B7. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>C1. NETWORK POINTS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>UTP</td> <td></td> <td>STP</td> <td>Wifi</td> </tr> <tr> <td>C2. TELEPHONE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Specification</td> <td>Type A</td> <td>Type B</td> <td>Type C</td> </tr> <tr> <td>Quantity</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Digital/Analog/VOIP</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C3. COMPUTER</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Workstation</td> <td></td> <td>Tablet</td> <td>Laptop/Notebook</td> </tr> <tr> <td>Type</td> <td>Qty</td> <td>Type</td> <td>Qty</td> </tr> <tr> <td>C4. PACS Workstation</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Reporting Station</td> <td></td> <td>Viewing Station</td> <td>Digitiser</td> </tr> <tr> <td>Qty</td> <td></td> <td>Qty</td> <td>Qty</td> </tr> <tr> <td>C5. PRINTERS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Type</td> <td>Qty</td> <td></td> <td>Qty</td> </tr> <tr> <td>Network Printer (A3) Colour</td> <td></td> <td>Local Printer (A4) Black</td> <td></td> </tr> <tr> <td>Network Printer (A4) Black</td> <td></td> <td>Local Printer (A4) Colour</td> <td></td> </tr> <tr> <td>Network Printer (A4) Colour</td> <td></td> <td>Barcode Printer</td> <td></td> </tr> </table>				C1. NETWORK POINTS				UTP		STP	Wifi	C2. TELEPHONE				Specification	Type A	Type B	Type C	Quantity				Digital/Analog/VOIP				C3. COMPUTER				Workstation		Tablet	Laptop/Notebook	Type	Qty	Type	Qty	C4. PACS Workstation				Reporting Station		Viewing Station	Digitiser	Qty		Qty	Qty	C5. PRINTERS				Type	Qty		Qty	Network Printer (A3) Colour		Local Printer (A4) Black		Network Printer (A4) Black		Local Printer (A4) Colour		Network Printer (A4) Colour		Barcode Printer		<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)																																																																					
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
C1. NETWORK POINTS																																																																																																																																																																			
UTP		STP	Wifi																																																																																																																																																																
C2. TELEPHONE																																																																																																																																																																			
Specification	Type A	Type B	Type C																																																																																																																																																																
Quantity																																																																																																																																																																			
Digital/Analog/VOIP																																																																																																																																																																			
C3. COMPUTER																																																																																																																																																																			
Workstation		Tablet	Laptop/Notebook																																																																																																																																																																
Type	Qty	Type	Qty																																																																																																																																																																
C4. PACS Workstation																																																																																																																																																																			
Reporting Station		Viewing Station	Digitiser																																																																																																																																																																
Qty		Qty	Qty																																																																																																																																																																
C5. PRINTERS																																																																																																																																																																			
Type	Qty		Qty																																																																																																																																																																
Network Printer (A3) Colour		Local Printer (A4) Black																																																																																																																																																																	
Network Printer (A4) Black		Local Printer (A4) Colour																																																																																																																																																																	
Network Printer (A4) Colour		Barcode Printer																																																																																																																																																																	
Code		No.																																																																																																																																																																	
Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)																																																																																																																																																																			
A08. LABORATORY FURNITURES				B8. MISCELLANEOUS				D8. DB. AUDIO VISUAL SYSTEM																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Barcode Scanner</td> <td></td> <td>Mykad Reader</td> <td></td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td>Info Kiosk</td> <td></td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td>PC Trolley</td> <td></td> </tr> <tr> <td>UPS(600VA)</td> <td></td> <td>Wireless AP</td> <td></td> </tr> </table>				Barcode Scanner		Mykad Reader		Flatbed Scanner		Info Kiosk		Video Conferencing		PC Trolley		UPS(600VA)		Wireless AP		<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)																																																																																																																									
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Barcode Scanner		Mykad Reader																																																																																																																																																																	
Flatbed Scanner		Info Kiosk																																																																																																																																																																	
Video Conferencing		PC Trolley																																																																																																																																																																	
UPS(600VA)		Wireless AP																																																																																																																																																																	
Code		No.																																																																																																																																																																	
Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)																																																																																																																																																																			
A09. LOOSE FURNITURES				B9. OTHERS				D9. SECURITY SYSTEM																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document				<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document																																																																																																																																	
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
A10. ACCESSORIES				B10. OTHERS				D10. OTHERS																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document				<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document																																																																																																																																	
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
A11. WALL TYPES				B11. OTHERS				D11. OTHERS																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document				<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document																																																																																																																																	
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
A12. SANITARY WARES & FITTING				B12. OTHERS				D12. OTHERS																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document				<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document																																																																																																																																	
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
A13. OTHERS				B13. OTHERS				D13. OTHERS																																																																																																																																																											
<table border="1"> <tr> <td>Code</td> <td></td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code		Bil.		Bil.	Remarks					<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document				<table border="1"> <tr> <td>Code</td> <td></td> <td>No.</td> <td></td> </tr> <tr> <td>Supply & Install By Contractor As per Contract Document</td> <td></td> <td></td> <td></td> </tr> </table>				Code		No.		Supply & Install By Contractor As per Contract Document																																																																																																																																	
Code		Bil.		Bil.																																																																																																																																																															
Remarks																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			
Code		No.																																																																																																																																																																	
Supply & Install By Contractor As per Contract Document																																																																																																																																																																			



KEMENTERIAN KESIHATAN MALAYSIA



JABATAN KERJA RAYA MALAYSIA

HODT ARCHITECT

CAWANGAN ARKITEK, JKR MALAYSIA

HODT MECHANICAL

CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA

HODT ELECTRIC

CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA

HODT ICT

CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA

CLIENT

BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

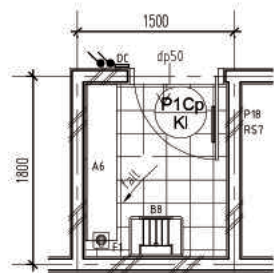
ROOM DATA : DISPOSAL ROOM

DRAWING NO. : JKR/CA/P-DPP/07/26/PEL 15/006/10

DATE :

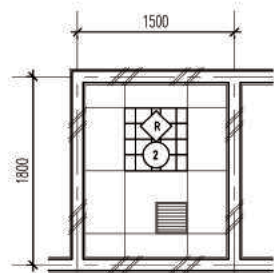
REVISION :

© 2017 Jabatan Kerja Raya Malaysia, Hak Cipta Terpelihara

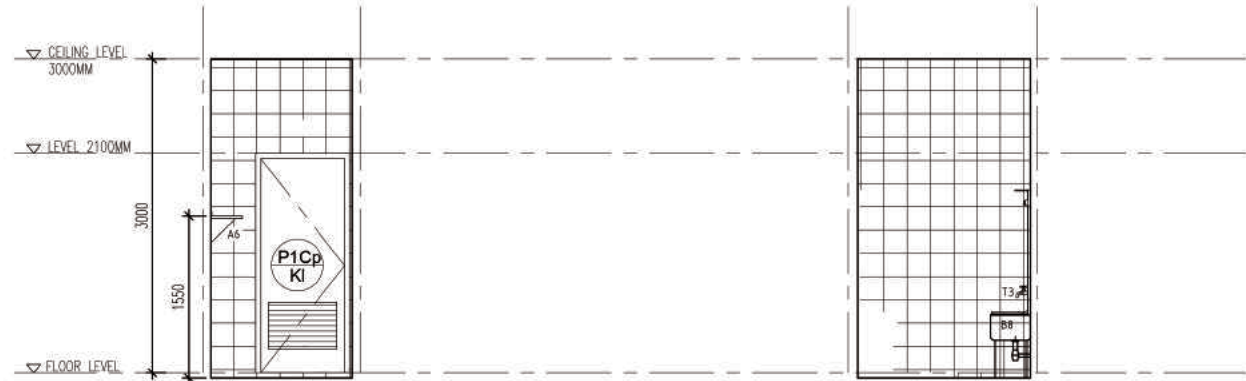


ROOM CODE	
HT5	-
WCT4	LGB1
MV	3M
	3M ²
	-

FLOOR PLAN
SCALE 150

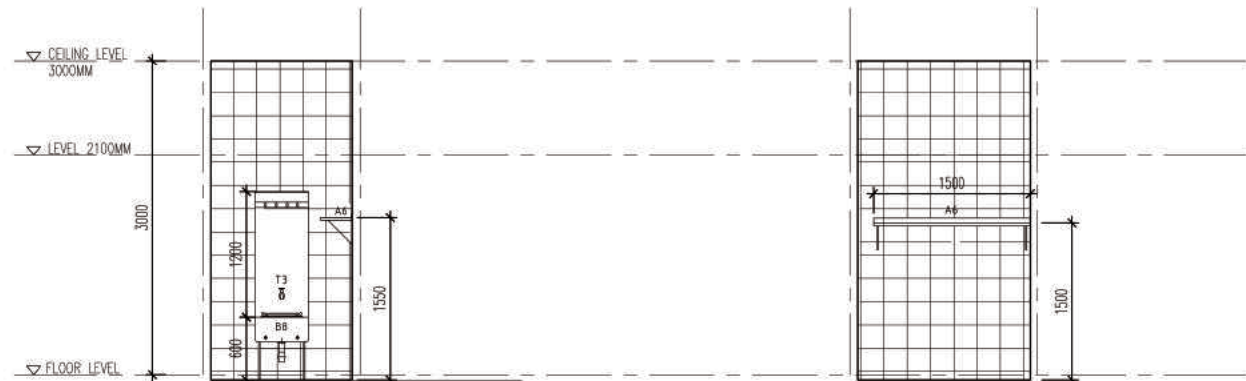


CEILING PLAN
SCALE 150



VIEW A
SCALE 150

VIEW B
SCALE 150

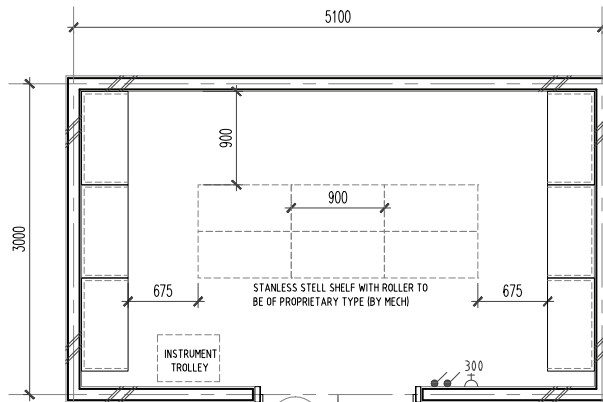


VIEW C
SCALE 150

VIEW D
SCALE 150

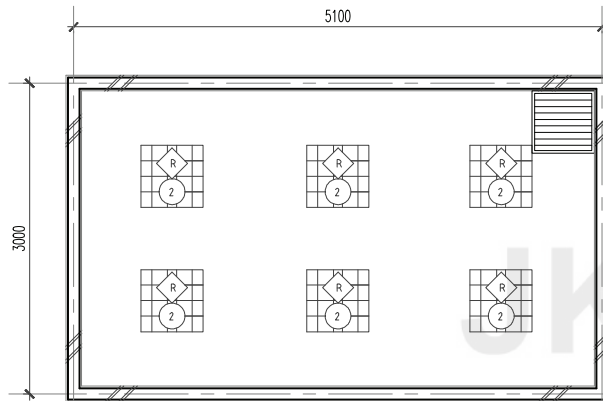
CLIENT	DESIGNER'S	TITLE	ROOM NAME	DRAWING NO.	
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	DATA RUANG PIAWAI	CLEANER'S ROOM	JKR/CA/P-DRP/07/26/PEL15/006/11	
			DRAWING TYPE	PLAN & VIEW	
			DATE	SCALE	REVISION
			MAC 2017	1:50	

ROOM SIZE: 3m ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: CLEANER ROOM		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION			
Wall (PVC 3 - Ceramic Tiles (200mm x 200mm) (Slipway Finish) (Leaking Mgmt))	Ceiling (PVC 1 - 600mm x 600mm x 8mm Bk - PVC Laminated Gypsum Board (24H))	Floor (WFS)	Skirting	i) GAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.	i) Lighting Intensity	Qty	Notes	
				Oxygen		Wall Mounted		Lux	100		
				Nitrous Oxide		Bedhead Panel		ii) Type	Type	Qty	
				Medical Vacuum		Medical Pendant		Flourescent	v	1	
				Medical Air - 4 bar		Neonatal Workstation		Downlight			
				Surgical Air - 7 bar		A&E Workstation		iii) Others	Type	Qty	
				Surgical Air - 10 bar				Night Light			
				Etonox				Emergency Light			
				Other				Stage Lighting			
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM			
Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.		Qty	Notes		
Grille								Ceiling Fan 1500			
Remarks								Ceiling Fan 1200			
DOOR ACCESSORIES				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT			
Ironmongery	IR 1-9	1						Soket	Normal	Essential	
Door Protection								13 Amp Single		UPS	
Push Plate								13 Amp Twin		Notes	
Crash Plate								15 Amp Single			
Kick Plate								230V Termination			
Remarks								Isolator			
A03. WINDOW				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM			
Code		Bil.	Specification	/	Specification	/		PA SYSTEM	Qty	Notes	
Grille			Restrictor 30"		Lockable Key Alike			Ceiling speaker			
Low level window			Restrictor 60"		Single glazing			Volume Control			
High level window			Insect Netting		Double glazing			Box Speaker			
Remarks								PA Rack			
A04. INTERNAL GLAZING				B5. PNEUMATIC TUBE				D5. MATV SYSTEM			
		Bil.				Bil.		Sistem MATV	Qty	Notes	
A05. HATCH / PASS THROUGH COUNTER				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM			
								Digital Calling System	Qty	Notes	
A06. SIGNAGES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM			
DC - DOOR CODE SIGNAGE	1	RS7 - 'BILIK PENCUCI' SIGNAGE	1	C1. NETWORK POINTS				D8. AUDIO VISUAL SYSTEM			
P18 - PICTOGRAM	1			C2. TELEPHONE				D9. SECURITY SYSTEM			
A07. BUILT-IN FURNITURES				C3. COMPUTER				E. MEDICAL & NON-MEDICAL EQUIPMENT REQUIREMENTS			
				C4. PACS Workstation				GROUP 1- FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL			
				C5. PRINTERS				Code			
				C6. MISCELLANEOUS				No.			
A08. LABORATORY FURNITURES				D9. SECURITY SYSTEM				GROUP 2- FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL			
				D10. OTHERS				Code			
A09. LOOSE FURNITURES				D11. OTHERS				No.			
				D12. OTHERS				GROUP 3 - LOOSE EQUIPMENTS			
A10. ACCESSORIES				D13. OTHERS				Equipment Supply and Install by Client			
Floor Mounted / Wall Protection		Curtain Track		D14. OTHERS				Loose Medical Equipment			
Cubical Track		Blind		D15. OTHERS				Item Code			
IV Track		Artworks		D16. OTHERS				Item Description			
A11. WALL TYPES				D17. OTHERS				M/E Qty.			
Cavity Wall				D18. OTHERS				Loose Non-Medical Equipment			
Single Wall				D19. OTHERS				Item Code			
Dry wall				D20. OTHERS				Item Description			
Curtain Wall				D21. OTHERS				M/E Qty.			
Remarks / Others				D22. OTHERS				Loose Medical Furniture			
A12. SANITARY WARES & FITTING				D23. OTHERS				Item Code			
B8	2			D24. OTHERS				Item Description			
A6	1			D25. OTHERS				M/E Qty.			
FT	1			D26. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D27. OTHERS				Equipment Supply and Install by Client			
				D28. OTHERS				Loose Medical Equipment			
				D29. OTHERS				Item Code			
				D30. OTHERS				Item Description			
				D31. OTHERS				M/E Qty.			
				D32. OTHERS				Loose Non-Medical Equipment			
				D33. OTHERS				Item Code			
				D34. OTHERS				Item Description			
				D35. OTHERS				M/E Qty.			
				D36. OTHERS				Loose Medical Furniture			
				D37. OTHERS				Item Code			
				D38. OTHERS				Item Description			
				D39. OTHERS				M/E Qty.			
				D40. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D41. OTHERS				Equipment Supply and Install by Client			
				D42. OTHERS				Loose Medical Equipment			
				D43. OTHERS				Item Code			
				D44. OTHERS				Item Description			
				D45. OTHERS				M/E Qty.			
				D46. OTHERS				Loose Non-Medical Equipment			
				D47. OTHERS				Item Code			
				D48. OTHERS				Item Description			
				D49. OTHERS				M/E Qty.			
				D50. OTHERS				Loose Medical Furniture			
				D51. OTHERS				Item Code			
				D52. OTHERS				Item Description			
				D53. OTHERS				M/E Qty.			
				D54. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D55. OTHERS				Equipment Supply and Install by Client			
				D56. OTHERS				Loose Medical Equipment			
				D57. OTHERS				Item Code			
				D58. OTHERS				Item Description			
				D59. OTHERS				M/E Qty.			
				D60. OTHERS				Loose Non-Medical Equipment			
				D61. OTHERS				Item Code			
				D62. OTHERS				Item Description			
				D63. OTHERS				M/E Qty.			
				D64. OTHERS				Loose Medical Furniture			
				D65. OTHERS				Item Code			
				D66. OTHERS				Item Description			
				D67. OTHERS				M/E Qty.			
				D68. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D69. OTHERS				Equipment Supply and Install by Client			
				D70. OTHERS				Loose Medical Equipment			
				D71. OTHERS				Item Code			
				D72. OTHERS				Item Description			
				D73. OTHERS				M/E Qty.			
				D74. OTHERS				Loose Non-Medical Equipment			
				D75. OTHERS				Item Code			
				D76. OTHERS				Item Description			
				D77. OTHERS				M/E Qty.			
				D78. OTHERS				Loose Medical Furniture			
				D79. OTHERS				Item Code			
				D80. OTHERS				Item Description			
				D81. OTHERS				M/E Qty.			
				D82. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D83. OTHERS				Equipment Supply and Install by Client			
				D84. OTHERS				Loose Medical Equipment			
				D85. OTHERS				Item Code			
				D86. OTHERS				Item Description			
				D87. OTHERS				M/E Qty.			
				D88. OTHERS				Loose Non-Medical Equipment			
				D89. OTHERS				Item Code			
				D90. OTHERS				Item Description			
				D91. OTHERS				M/E Qty.			
				D92. OTHERS				Loose Medical Furniture			
				D93. OTHERS				Item Code			
				D94. OTHERS				Item Description			
				D95. OTHERS				M/E Qty.			
				D96. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D97. OTHERS				Equipment Supply and Install by Client			
				D98. OTHERS				Loose Medical Equipment			
				D99. OTHERS				Item Code			
				D100. OTHERS				Item Description			
				D101. OTHERS				M/E Qty.			
				D102. OTHERS				Loose Non-Medical Equipment			
				D103. OTHERS				Item Code			
				D104. OTHERS				Item Description			
				D105. OTHERS				M/E Qty.			
				D106. OTHERS				Loose Medical Furniture			
				D107. OTHERS				Item Code			
				D108. OTHERS				Item Description			
				D109. OTHERS				M/E Qty.			
				D110. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D111. OTHERS				Equipment Supply and Install by Client			
				D112. OTHERS				Loose Medical Equipment			
				D113. OTHERS				Item Code			
				D114. OTHERS				Item Description			
				D115. OTHERS				M/E Qty.			
				D116. OTHERS				Loose Non-Medical Equipment			
				D117. OTHERS				Item Code			
				D118. OTHERS				Item Description			
				D119. OTHERS				M/E Qty.			
				D120. OTHERS				Loose Medical Furniture			
				D121. OTHERS				Item Code			
				D122. OTHERS				Item Description			
				D123. OTHERS				M/E Qty.			
				D124. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D125. OTHERS				Equipment Supply and Install by Client			
				D126. OTHERS				Loose Medical Equipment			
				D127. OTHERS				Item Code			
				D128. OTHERS				Item Description			
				D129. OTHERS				M/E Qty.			
				D130. OTHERS				Loose Non-Medical Equipment			
				D131. OTHERS				Item Code			
				D132. OTHERS				Item Description			
				D133. OTHERS				M/E Qty.			
				D134. OTHERS				Loose Medical Furniture			
				D135. OTHERS				Item Code			
				D136. OTHERS				Item Description			
				D137. OTHERS				M/E Qty.			
				D138. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D139. OTHERS				Equipment Supply and Install by Client			
				D140. OTHERS				Loose Medical Equipment			
				D141. OTHERS				Item Code			
				D142. OTHERS				Item Description			
				D143. OTHERS				M/E Qty.			
				D144. OTHERS				Loose Non-Medical Equipment			
				D145. OTHERS				Item Code			
				D146. OTHERS				Item Description			
				D147. OTHERS				M/E Qty.			
				D148. OTHERS				Loose Medical Furniture			
				D149. OTHERS				Item Code			
				D150. OTHERS				Item Description			
				D151. OTHERS				M/E Qty.			
				D152. OTHERS				Loose 3 - LOOSE EQUIPMENTS			
				D153. OTHERS				Equipment Supply and Install by Client			
				D154. OTHERS				Loose Medical Equipment			
				D155. OTHERS				Item Code			
				D156. OTHERS				Item Description			
				D157. OTHERS				M/E Qty.			
				D158. OTHERS							

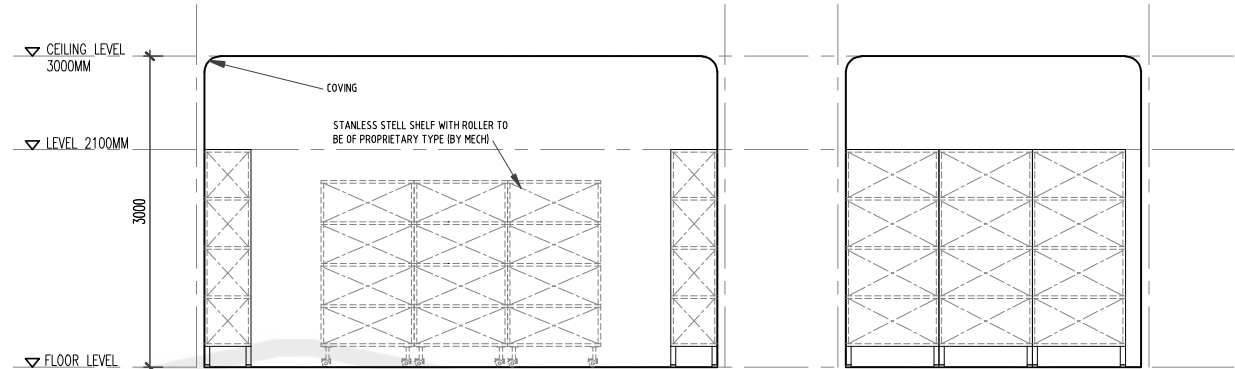


FLOOR PLAN

ROOM CODE	
V1	SV
PU	PC1
AC24	3M
15M ²	
-	

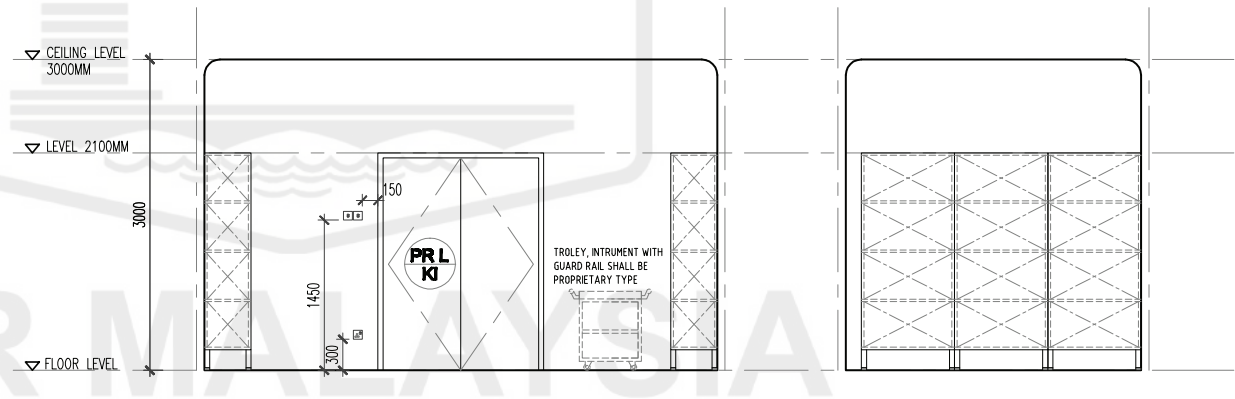


CEILING PLAN



VIEW A

VIEW B



VIEW C

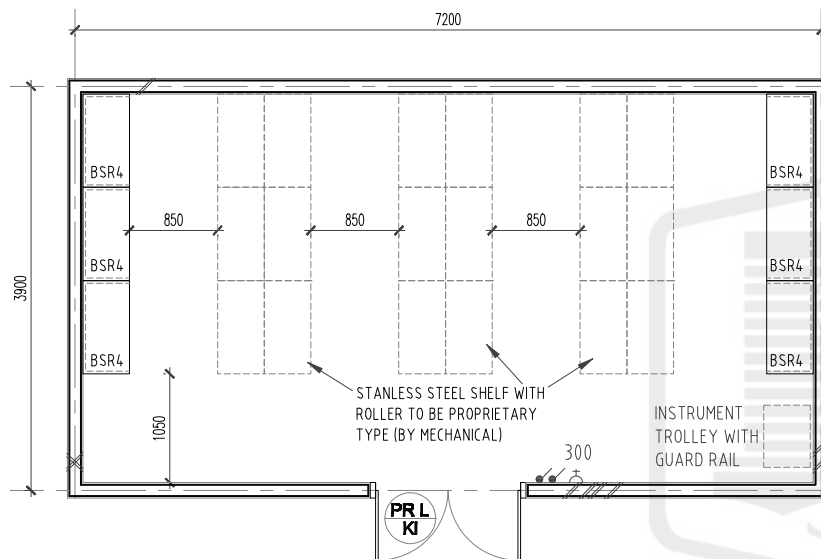
VIEW D

NOTE: (UNDER MECHANICAL SCOPE)

- STORAGE SHELVING & TROLLEYS SHALL BE OF PROPRIETARY TYPE
- INSTRUMENT TROLLEY C/W GUARD RAIL SHALL BE PROPRIETARY TYPE

CLIENT	DESIGNERS	TITLE	ROOM NAME	STERILE STORE (OT)	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/12
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	REVISION
			NOV 2017	not to scale	

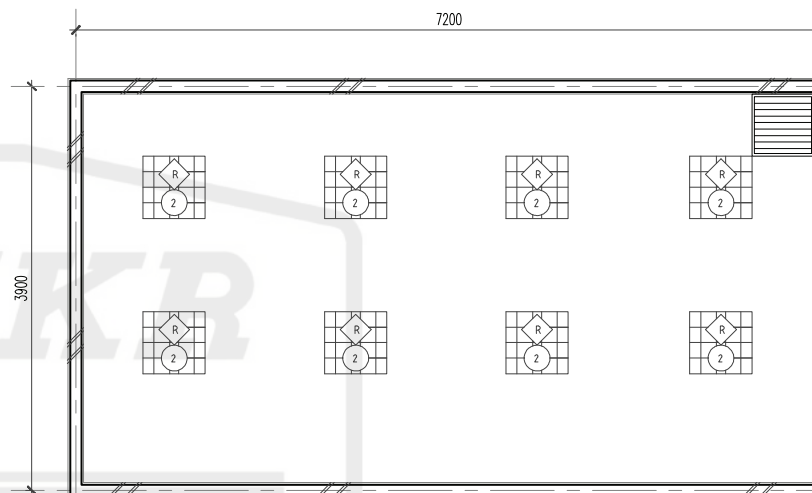
ROOM SIZE: 15 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: STERILE STORE (OT)		*ROOM CODE:																																																																											
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS																																																																											
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION																																																																											
<table border="1"> <tr> <td>Wall</td> <td>Ceiling</td> <td>Floor</td> <td>Skirting</td> </tr> <tr> <td>Plaster & PU Paint (washable/anti algae)</td> <td>PC1 Plaster jointless Ceiling with anti bacteria, washable paint</td> <td>V1- Heavy Duty Homo. Vinyl Flooring</td> <td>SV- Heavy Duty Homo. Vinyl 100mm tgg1 longkap dgn 25x20mm cover former</td> </tr> </table>				Wall	Ceiling	Floor	Skirting	Plaster & PU Paint (washable/anti algae)	PC1 Plaster jointless Ceiling with anti bacteria, washable paint	V1- Heavy Duty Homo. Vinyl Flooring	SV- Heavy Duty Homo. Vinyl 100mm tgg1 longkap dgn 25x20mm cover former	<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Door 1</td> <td>Door 2</td> <td>Door 3</td> <td></td> </tr> <tr> <td>Code</td> <td>Code</td> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Bil.	Bil.	Door 1	Door 2	Door 3		Code	Code	Code	Code	Grille	Grille	Grille	Grille	Remarks	Remarks	Remarks	Remarks	<table border="1"> <tr> <td>ii) TYPE OF OUTLET</td> <td>Bil.</td> </tr> <tr> <td>Wall Mounted</td> <td></td> </tr> <tr> <td>Bedhead Panel</td> <td></td> </tr> <tr> <td>Medical Pendant</td> <td></td> </tr> <tr> <td>Neonatal Workstation</td> <td></td> </tr> <tr> <td>A&E Workstation</td> <td></td> </tr> </table>				ii) TYPE OF OUTLET	Bil.	Wall Mounted		Bedhead Panel		Medical Pendant		Neonatal Workstation		A&E Workstation		<table border="1"> <tr> <td>Notes</td> <td>Qty</td> <td>Notes</td> </tr> <tr> <td>Prismatic controls</td> <td>6</td> <td></td> </tr> </table>				Notes	Qty	Notes	Prismatic controls	6																							
Wall	Ceiling	Floor	Skirting																																																																																
Plaster & PU Paint (washable/anti algae)	PC1 Plaster jointless Ceiling with anti bacteria, washable paint	V1- Heavy Duty Homo. Vinyl Flooring	SV- Heavy Duty Homo. Vinyl 100mm tgg1 longkap dgn 25x20mm cover former																																																																																
Bil.	Bil.	Bil.	Bil.																																																																																
Door 1	Door 2	Door 3																																																																																	
Code	Code	Code	Code																																																																																
Grille	Grille	Grille	Grille																																																																																
Remarks	Remarks	Remarks	Remarks																																																																																
ii) TYPE OF OUTLET	Bil.																																																																																		
Wall Mounted																																																																																			
Bedhead Panel																																																																																			
Medical Pendant																																																																																			
Neonatal Workstation																																																																																			
A&E Workstation																																																																																			
Notes	Qty	Notes																																																																																	
Prismatic controls	6																																																																																		
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM																																																																											
<table border="1"> <tr> <td>Door 1</td> <td>Door 2</td> <td>Door 3</td> </tr> <tr> <td>Code</td> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Door 1	Door 2	Door 3	Code	Code	Code	Grille	Grille	Grille	Remarks	Remarks	Remarks	<table border="1"> <tr> <td>Sprinkler System</td> <td>Conceal type</td> <td>Sidewall</td> </tr> <tr> <td>Pendant type</td> <td></td> <td></td> </tr> <tr> <td>Fire Extinguisher</td> <td></td> <td></td> </tr> <tr> <td>CO2 Portable</td> <td>DP portable</td> <td></td> </tr> <tr> <td>Fire Alarm</td> <td>Clean Agent</td> <td></td> </tr> <tr> <td>Smoke Detector</td> <td>Heat Detector</td> <td>Combine</td> </tr> <tr> <td>Alarm Bell</td> <td>Flashing Light</td> <td>Sounder</td> </tr> </table>				Sprinkler System	Conceal type	Sidewall	Pendant type			Fire Extinguisher			CO2 Portable	DP portable		Fire Alarm	Clean Agent		Smoke Detector	Heat Detector	Combine	Alarm Bell	Flashing Light	Sounder	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																					
Door 1	Door 2	Door 3																																																																																	
Code	Code	Code																																																																																	
Grille	Grille	Grille																																																																																	
Remarks	Remarks	Remarks																																																																																	
Sprinkler System	Conceal type	Sidewall																																																																																	
Pendant type																																																																																			
Fire Extinguisher																																																																																			
CO2 Portable	DP portable																																																																																		
Fire Alarm	Clean Agent																																																																																		
Smoke Detector	Heat Detector	Combine																																																																																	
Alarm Bell	Flashing Light	Sounder																																																																																	
Qty	Notes																																																																																		
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Specification</td> <td>Specification</td> </tr> <tr> <td>Code</td> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> <td>Lockable Key Alike</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> <td>Single glazing</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Specification	Specification	Code	Code	Code	Grille	Grille	Grille	Low level window	Restrictor 30°	Lockable Key Alike	High level window	Restrictor 60°	Single glazing	Remarks	Remarks	Remarks	<table border="1"> <tr> <td>i) Ventilation</td> <td></td> </tr> <tr> <td>Mechanical Vent</td> <td>Natural Vent</td> </tr> <tr> <td>Air Extraction - Mechanical Ventilation</td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td>Non Ducted Exhaust</td> </tr> <tr> <td>Air Filtration</td> <td></td> </tr> <tr> <td>Normal Filters</td> <td>Hepa Filters</td> </tr> <tr> <td>Usage</td> <td></td> </tr> <tr> <td>Intermittent</td> <td>Office Hours</td> </tr> <tr> <td>24 Hours</td> <td>Extended Hours</td> </tr> </table>				i) Ventilation		Mechanical Vent	Natural Vent	Air Extraction - Mechanical Ventilation		Ducted Exhaust	Non Ducted Exhaust	Air Filtration		Normal Filters	Hepa Filters	Usage		Intermittent	Office Hours	24 Hours	Extended Hours	<table border="1"> <tr> <td>Normal</td> <td>Essential</td> <td>UPS</td> <td>Notes</td> </tr> <tr> <td>13 Amp Single</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td></td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1-phase</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> </tr> </table>				Normal	Essential	UPS	Notes	13 Amp Single	1			13 Amp Twin				15 Amp Single				230V Termination				Isolator				1-phase				3-phase				Others			
Bil.	Specification	Specification																																																																																	
Code	Code	Code																																																																																	
Grille	Grille	Grille																																																																																	
Low level window	Restrictor 30°	Lockable Key Alike																																																																																	
High level window	Restrictor 60°	Single glazing																																																																																	
Remarks	Remarks	Remarks																																																																																	
i) Ventilation																																																																																			
Mechanical Vent	Natural Vent																																																																																		
Air Extraction - Mechanical Ventilation																																																																																			
Ducted Exhaust	Non Ducted Exhaust																																																																																		
Air Filtration																																																																																			
Normal Filters	Hepa Filters																																																																																		
Usage																																																																																			
Intermittent	Office Hours																																																																																		
24 Hours	Extended Hours																																																																																		
Normal	Essential	UPS	Notes																																																																																
13 Amp Single	1																																																																																		
13 Amp Twin																																																																																			
15 Amp Single																																																																																			
230V Termination																																																																																			
Isolator																																																																																			
1-phase																																																																																			
3-phase																																																																																			
Others																																																																																			
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Saluran Air</td> <td>Bil.</td> </tr> <tr> <td>Cold Only</td> <td>Hot & Cold</td> </tr> <tr> <td>RO Water</td> <td>Outlet</td> </tr> <tr> <td>Special Drainage Requirement</td> <td>Bil.</td> </tr> <tr> <td>Grease Trap</td> <td>Neutralised Tank</td> </tr> <tr> <td>Plaster Trap</td> <td>Other</td> </tr> </table>				Saluran Air	Bil.	Cold Only	Hot & Cold	RO Water	Outlet	Special Drainage Requirement	Bil.	Grease Trap	Neutralised Tank	Plaster Trap	Other	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																														
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Saluran Air	Bil.																																																																																		
Cold Only	Hot & Cold																																																																																		
RO Water	Outlet																																																																																		
Special Drainage Requirement	Bil.																																																																																		
Grease Trap	Neutralised Tank																																																																																		
Plaster Trap	Other																																																																																		
Qty	Notes																																																																																		
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		
A07. BUILT-IN FURNITURES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		
A08. LABORATORY FURNITURES				C1. NETWORK POINTS				D8. DB. AUDIO VISUAL SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		
A09. LOOSE FURNITURES				C2. TELEPHONE				D9. SECURITY SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		
A10. ACCESSORIES				C3. COMPUTER				D9. SECURITY SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		
A11. WALL TYPES				C4. PACS Workstation				D9. SECURITY SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		
A12. SANITARY WARES & FITTING				C5. PRINTERS				D9. SECURITY SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		
A13. OTHERS				C6. MISCELLANEOUS				D9. SECURITY SYSTEM																																																																											
<table border="1"> <tr> <td>Bil.</td> <td>Bil.</td> </tr> <tr> <td>Code</td> <td>Code</td> </tr> <tr> <td>Grille</td> <td>Grille</td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td>Remarks</td> </tr> </table>				Bil.	Bil.	Code	Code	Grille	Grille	Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks	Remarks	<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes			<table border="1"> <tr> <td>Qty</td> <td>Notes</td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																						
Bil.	Bil.																																																																																		
Code	Code																																																																																		
Grille	Grille																																																																																		
Low level window	Restrictor 30°																																																																																		
High level window	Restrictor 60°																																																																																		
Remarks	Remarks																																																																																		
Qty	Notes																																																																																		
Qty	Notes																																																																																		



FLOOR PLAN



KOD RUANG	
V1	SV
PU	PC1
AC24	3M
28M ²	
-	

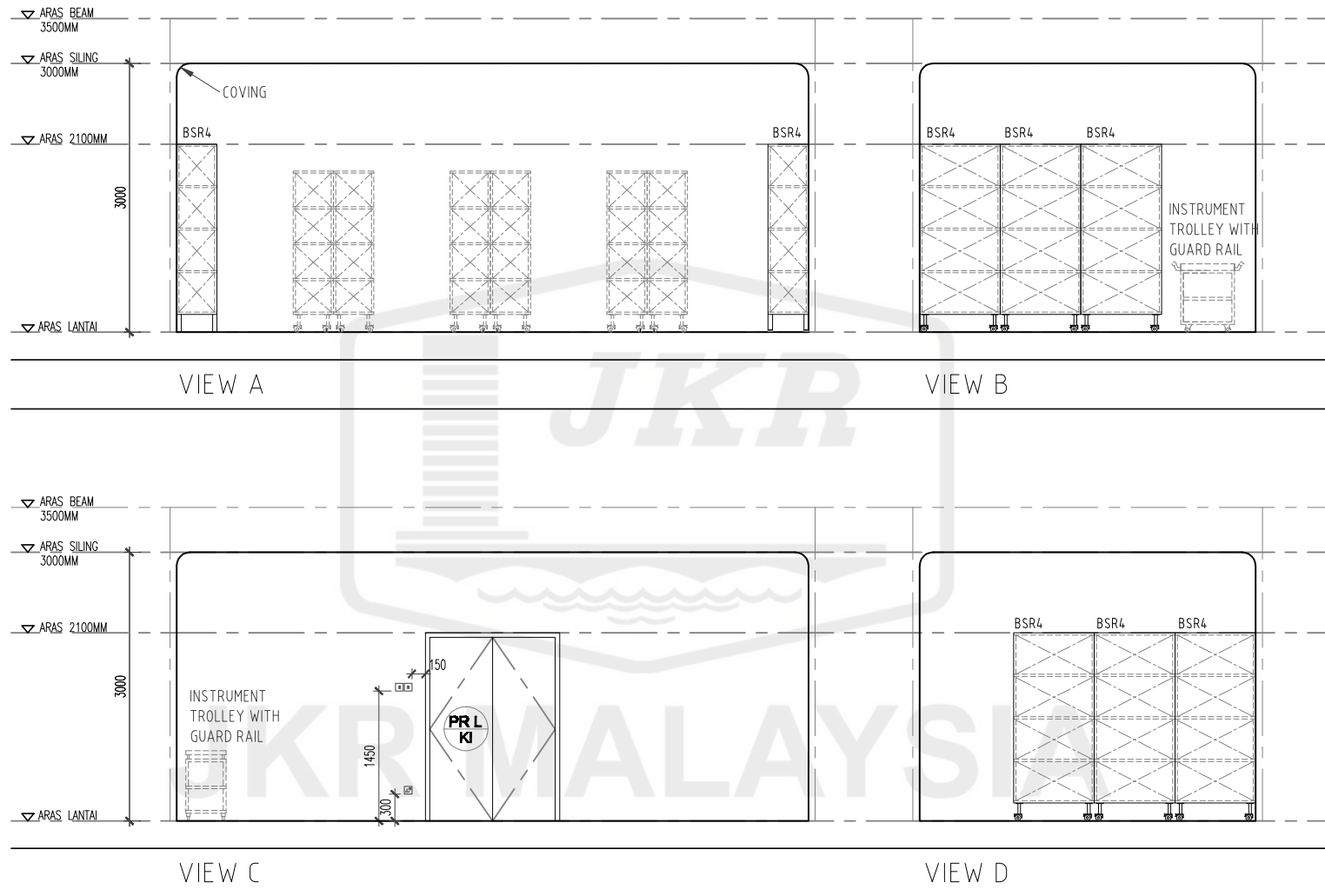


CEILING PLAN

NOTE: (UNDER MECHANICAL SCOPE)

- STORAGE SHELVINGS & TROLLEYS SHALL BE OF PROPRIETARY TYPE
- INSTRUMENT TROLLEY C/W GUARD RAIL SHALL BE OF PROPRIETARY TYPE

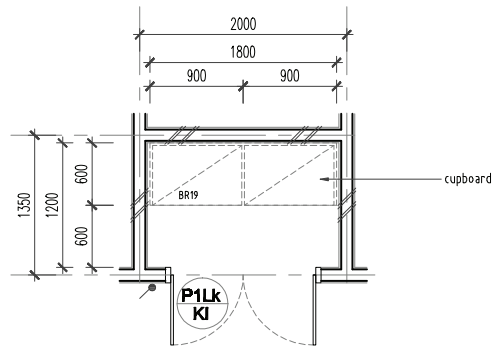
CLIENT	DESIGNER'S	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	STERILE STORE (CSSD)	JKR/CA/P-DRP/07/26/PEL15/006/13-1
			DRAWING TYPE	REVISION
			DATE	
			NOV/ 2017	
			SCALE	
			not to scale	



- NOTE: (UNDER MECHANICAL SCOPE)
- STORAGE SHELVINGS & TROLLEYS SHALL BE OF PROPRIETARY TYPE
 - INSTRUMENT TROLLEY C/W GUARD RAIL SHALL BE PROPRIETARY TYPE

CLIENT	DESIGNER'S	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	STERILE STORE (CSSD)	JKR/CA/P-DRP/07/28/PEL15/008/13-2
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

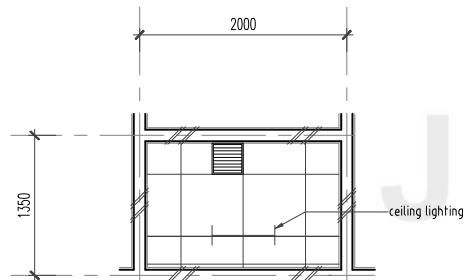
[illegible]



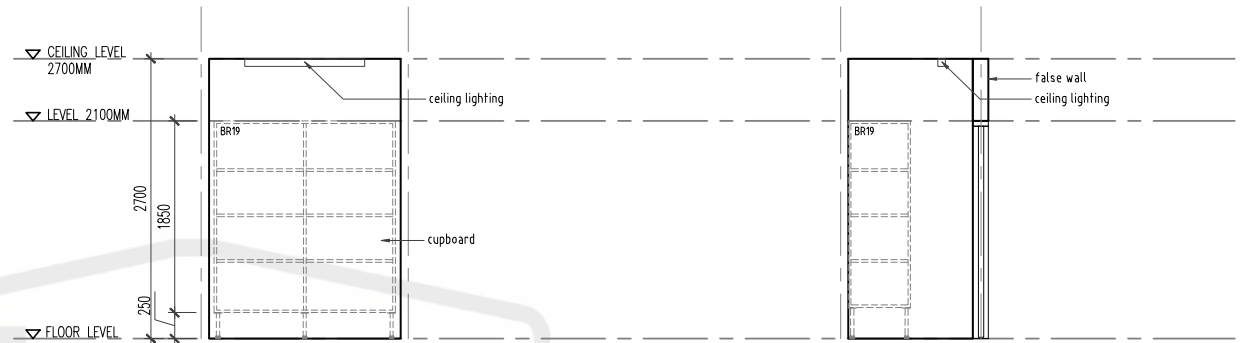
FLOOR PLAN



ROOM CODE	
V1	SV
EMP	LGB1
MV	2.7M
3M ²	
-	

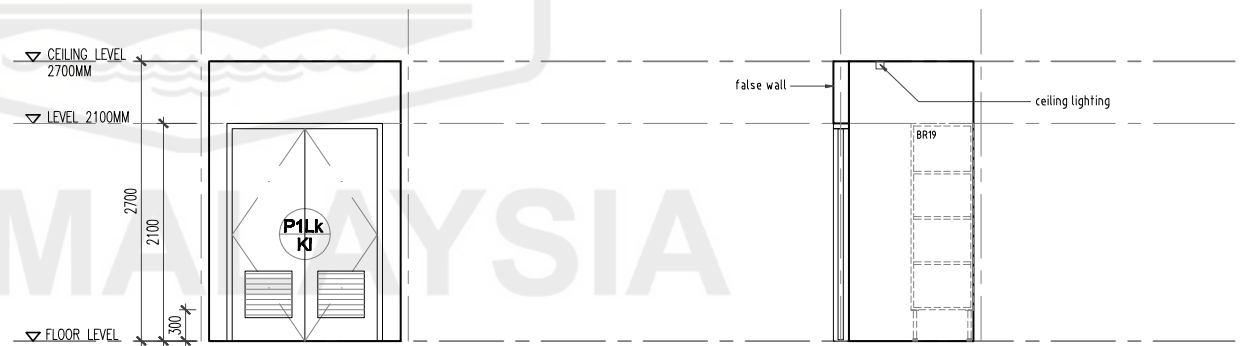


CEILING PLAN



VIEW A

VIEW B

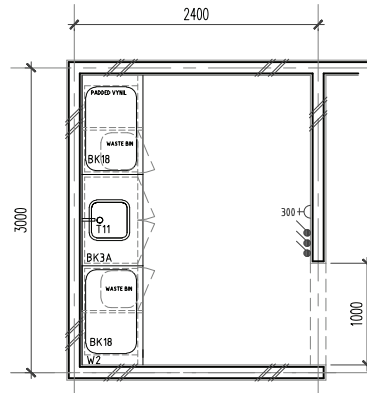


VIEW C

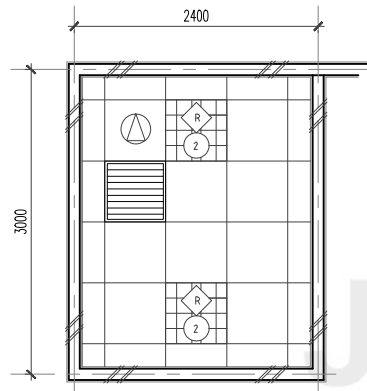
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	LINEN CLOSET	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/14
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	PREPARED
			NOV 2017	not to scale	

ROOM SIZE: 3 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: LINEN CLOSET		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES Wall: 100% Plaster & Emulsion Paint (200-100mm x 600mm x 5mm thick) (up to 100mm high vinyl skirting to match) Ceiling: 200-100mm x 600mm x 5mm thick (up to 100mm high vinyl skirting to match) Floor: 100-100mm x 600mm x 5mm thick (up to 100mm high vinyl skirting to match) Skirting: 100-100mm x 600mm x 5mm thick (up to 100mm high vinyl skirting to match)				B1. MEDICAL GASES Oxygen: Bil. Nitrous Oxide: Bil. Medical Vacuum: Bil. Medical Air - 4 bar: Bil. Surgical Air - 7 bar: Bil. Surgical Air - 10 bar: Bil. Etonox: Bil. Other: Bil.				D1. ILLUMINATION i) Lighting Intensity: 100 ii) Type: Type Qty Fluorescent: v 1 Downlight: Qty iii) Others: Type Qty Night Light: Qty Emergency Light: Qty Stage Lighting: Qty			
A02. DOOR Code: P1Lk / KI Grille: 1 Remarks: 1 DOOR ACCESSORIES Ironmongery: IR2-3 Door Protection: 1 Push Plate: 1 Crash Plate: 1 Kick Plate: 1 Remarks: 1				B2. FIRE PROTECTION Sprinkler System: v Pendant type: v Conceal type: Sidewall Fire Extinguisher: 1 CO2 Portable: 1 Fire Alarm: 1 Smoke Detector: 1 Alarm Bell: 1				D2. VENTILATION SYSTEM Ceiling Fan 1500: Qty Ceiling Fan 1200: Qty Wall Fan: Qty Fan Regulator: Qty Others: Qty			
A03. WINDOW Code: 1 Grille: 1 Low level window: 1 High level window: 1 Remarks: 1				B3. AIR CONDITIONING & MECHANICAL VENTILATION i) Ventilation: Mechanical Vent v Natural Vent Ceiling Fan Air Extraction - Mechanical Ventilation: v Ducted Exhaust: v Non Ducted Exhaust Air Filtration: 1 Normal Filters: 1 Usage: 1 Intermittent: 1 Office Hours: 1 24 Hours: 1 Extended Hours: 1 ii) Air Conditioning: Room Temperature 74°F ± 1°F Air Change: 55±5 Room Static Level (Pa): 55±5 Relative Humidity (%): 55±5 Total Exhaust: 1 Permissible Noise Level (nc): 1 Air Filtration: 1 Normal Filters: 1 HEPA Filters: 1 iii) Air-conditioning (usage): Intermittent: 1 Office Hours: 1 24 Hours: 1 Extended Hours: 1				D3. POWER POINT Socket: 1 13 Amp Single: 1 13 Amp Twin: 1 15 Amp Single: 1 230V Termination: 1 Isolator: 1 1-phase: 1 3-phase: 1 Others: 1			
A04. INTERNAL GLAZING Bil. 1 Bil.				B4. KEPERLUAN AIR DAN SANITARI SALURAN AIR: Bil. Cold Only: 1 RO Water: 1 Special Drainage Requirement: 1 Grease Trap: 1 Plaster Trap: 1 Other: 1				D4. PUBLIC ADDRESS SYSTEM PA SYSTEM: Qty Ceiling speaker: Qty Volume Control: Qty Box Speaker: Qty PA Rack: Qty Others: Qty			
A05. HATCH / PASS THROUGH COUNTER Bil. 1 Bil.				B5. PNEUMATIC TUBE Bil. 1 Bil.				D5. MATV SYSTEM Sistem MATV: Qty MATV Point: Qty TV set (32" c/w bracket): Qty TV set (42" c/w bracket): Qty Others: Qty			
A06. SIGNAGES Bil. 1 Bil.				B6. SPECIAL REQUIREMENT Bil. 1 Bil.				D6. DIGITAL CALLING SYSTEM Digital Calling System: Qty Main Display Unit: Qty Display Unit: Qty Ticket Printer: Qty Counter/room terminal: Qty Others: Qty			
A07. BUILT-IN FURNITURES BR19: 1				B7. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D7. NURSE CALL SYSTEM Digital Calling System: Qty A. PATIENT: Qty Cord: Qty Light: Qty Intercom/speech: Qty Pull Cord: Qty Code Blue: Qty B. STAFF: Qty Light: Qty Display: Qty Console: Qty Others: Qty			
A08. LABORATORY FURNITURES Bil. 1 Bil.				B8. MISCELLANEOUS Barcode Scanner: 1 Flatbed Scanner: 1 Video Conferencing: 1 UPS(600VA): 1				D8. AUDIO VISUAL SYSTEM LCD Projector: Qty Projector Screen: Qty Microphone: Qty Speaker: Qty AV Rack: Qty Others: Qty			
A09. LOOSE FURNITURES Bil. 1 Bil.				B9. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D9. SECURITY SYSTEM Security System: Qty A. CCTV System: Qty Dome Camera: Qty PTZ Camera: Qty Monitor: Qty Recorder/Decoder: Qty Others: Qty B. Access System: Qty Card reader w keypad: Qty Card reader w door release: Qty Intercom: Qty Intercom w door release: Qty Call bell: Qty Video Intercom: Qty Video Intercom w d/release: Qty Others: Qty C. Intercom: Qty Audio Intercom: Qty Video Intercom: Qty Others: Qty			
A10. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B10. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D10. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A11. WALL TYPES Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B11. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D11. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A12. SANITARY WARES & FITTING Bil. 1 Bil.				B12. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D12. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A13. OTHERS Bil. 1 Bil.				B13. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D13. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A14. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B14. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D14. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A15. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B15. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D15. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A16. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B16. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D16. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A17. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B17. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D17. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A18. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B18. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D18. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A19. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B19. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D19. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A20. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B20. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D20. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A21. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B21. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D21. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A22. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B22. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D22. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A23. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B23. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D23. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A24. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B24. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D24. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A25. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B25. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D25. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A26. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B26. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D26. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A27. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B27. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D27. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A28. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B28. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D28. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A29. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B29. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D29. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A30. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B30. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D30. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A31. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B31. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D31. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A32. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B32. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D32. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A33. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B33. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D33. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A34. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B34. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D34. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A35. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B35. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D35. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A36. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B36. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D36. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A37. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B37. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D37. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A38. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B38. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				D38. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1			
A39. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others: 1				B39. ACCESSORIES Floor Mounted / Wall Protection: 1 Cubical Track: 1 IV Track: 1 WALL TYPES: 1 Cavity Wall: 1 Single Wall: 1 Dry wall: 1 Curtain Wall: 1 Remarks / Others:							

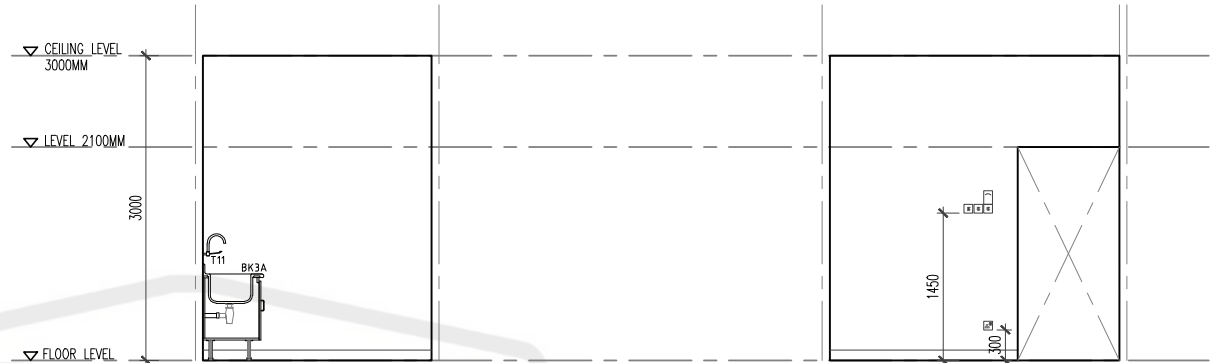


FLOOR PLAN



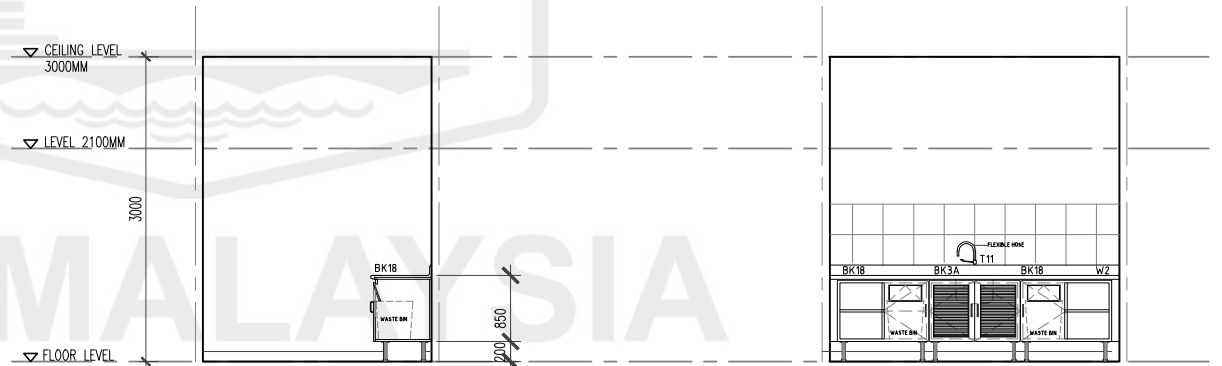
CEILING PLAN

ROOM CODE	
HT2/V	ST/SV
EMP	GB1
MV	3M
7M ²	
-	



VIEW A

VIEW B



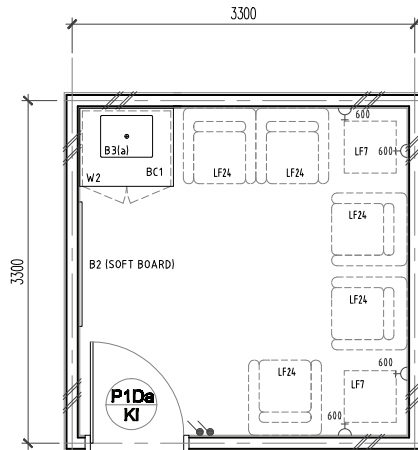
VIEW C

VIEW D

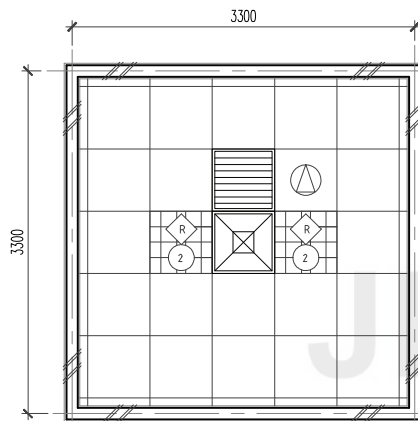
NOTES:-
DEEP SINK INTEGRATED WITH SOLID SURFACE

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	NAPPY CHANGE / BAY	JKR/CAP-DRP/07/28/PEL15/008/15
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

34

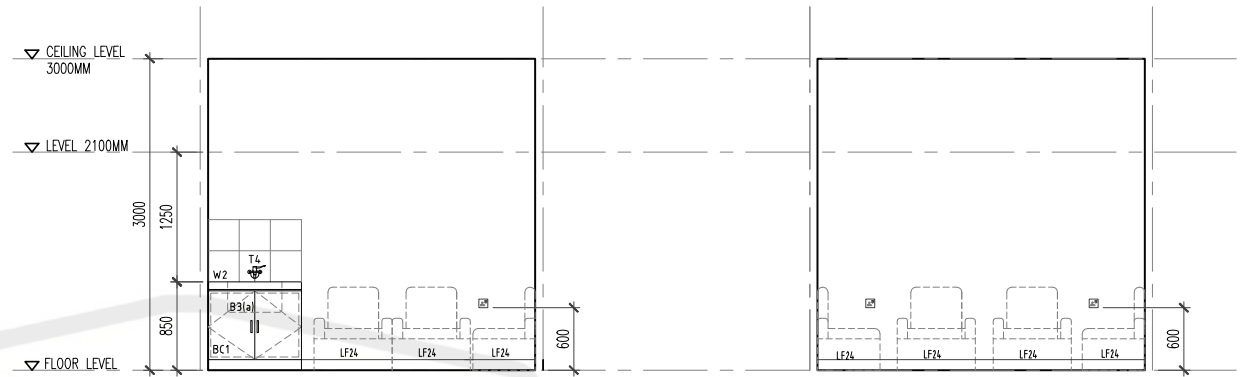


FLOOR PLAN



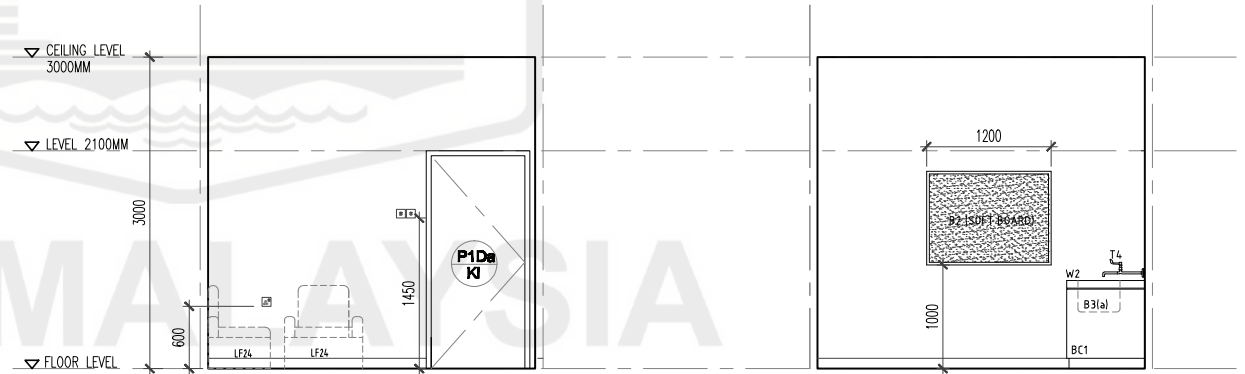
CEILING PLAN

ROOM CODE	
HT1	ST
EMP	GB1
AC8	-
11M ²	
-	



VIEW A

VIEW B

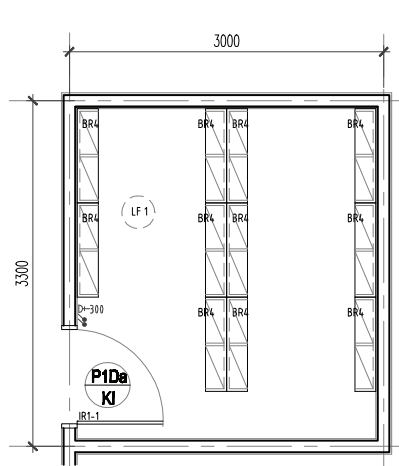


VIEW C

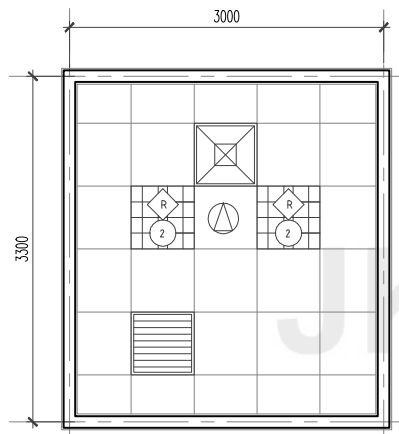
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	BREASTFEEDING ROOM	JKR/CA/P-DRP/07/26/PEL15/006/16
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

ROOM SIZE: 11m²				OCCUPANCY LOAD:				*DEPARTMENT:				ROOM NAME: BREASTFEEDING ROOM				*ROOM CODE:							
A. ARCHITECTURAL REQUIREMENTS								B. MECHANICAL REQUIREMENTS								D. ELECTRICAL REQUIREMENTS							
A01. FINISHES								B1. MEDICAL GASES								D1. ILLUMINATION							
Wall GMP-Plaster & Emulsion Paint (washable/wipeable)				Ceiling G81-600mm x 600mm x 9mm B&B Glass Fibre Gypsum Board				Floor V2 (For ground floor, the floor shall be tiles H11)				Skirting V1				Notes							
A02. DOOR				A03. WINDOW				A04. INTERNAL GLAZING				A05. HATCH / PASS THROUGH COUNTER				A06. SIGNAGES							
Code P1Da/KI				Door 1				Door 2				Door 3				Bil.							
Grille				Restrictor 30"				Lockable Key Alike				Single glazing				Double glazing							
Remarks				Restrictor 60"				Insect Netting				Remarks				Remarks							
DOOR ACCESSORIES								B2. FIRE PROTECTION								D2. VENTILATION SYSTEM							
Ironmongery				Door Protection				Push Plate				Crash Plate				Kick Plate							
Remarks				Remarks				Remarks				Remarks				Remarks							
A07. BUILT-IN FURNITURES								B3. AIR CONDITIONING & MECHANICAL VENTILATION								D3. POWER POINT							
BC1				1				Bil.				Bil.				Bil.							
A08. LABORATORY FURNITURES								B4. KEPERLUAN AIR DAN SANITARI								D4. PUBLIC ADDRESS SYSTEM							
LF23 (2 +1+ Side table)				2				Bil.				Bil.				Bil.							
A09. LOOSE FURNITURES								B5. PNEUMATIC TUBE								D5. MATV SYSTEM							
Bil.				Bil.				Bil.				Bil.				Bil.							
A10. ACCESSORIES								C. INFORMATION & COMMUNICATIONS TECHNOLOGY								D6. DIGITAL CALLING SYSTEM							
Floor Mounted / Wall Protection				Curtain Track				Blind				Artworks				Bil.							
Cubical Track				IV Track				Artworks				Bil.				Bil.							
A11. WALL TYPES								C1. NETWORK POINTS								D7. NURSE CALL SYSTEM							
Cavity Wall				Single Wall				Dry wall				Curtain Wall				Remarks / Others							
A12. SANITARY WARES & FITTING								C2. TELEPHONE								D8. AUDIO VISUAL SYSTEM							
Bil.				Bil.				Bil.				Bil.				Bil.							
A13. OTHERS								C3. COMPUTER								D9. SECURITY SYSTEM							
Softboard				1				Bil.				Bil.				Bil.							
A14. MISCELLANEOUS								C4. PACS Workstation								D10. CCTV System							
Barcode Scanner				Mykad Reader				Info Kiosk				PC Trolley				Wireless AP							
A15. OTHERS								C5. PRINTERS								D11. INTERCOM							
Bil.				Bil.				Bil.				Bil.				Bil.							
A16. OTHERS								C6. MISCELLANEOUS								D12. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A17. OTHERS								C7. MISCELLANEOUS								D13. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A18. OTHERS								C8. MISCELLANEOUS								D14. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A19. OTHERS								C9. MISCELLANEOUS								D15. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A20. OTHERS								C10. MISCELLANEOUS								D16. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A21. OTHERS								C11. MISCELLANEOUS								D17. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A22. OTHERS								C12. MISCELLANEOUS								D18. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A23. OTHERS								C13. MISCELLANEOUS								D19. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A24. OTHERS								C14. MISCELLANEOUS								D20. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A25. OTHERS								C15. MISCELLANEOUS								D21. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A26. OTHERS								C16. MISCELLANEOUS								D22. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A27. OTHERS								C17. MISCELLANEOUS								D23. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A28. OTHERS								C18. MISCELLANEOUS								D24. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A29. OTHERS								C19. MISCELLANEOUS								D25. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A30. OTHERS								C20. MISCELLANEOUS								D26. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A31. OTHERS								C21. MISCELLANEOUS								D27. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A32. OTHERS								C22. MISCELLANEOUS								D28. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A33. OTHERS								C23. MISCELLANEOUS								D29. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A34. OTHERS								C24. MISCELLANEOUS								D30. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A35. OTHERS								C25. MISCELLANEOUS								D31. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A36. OTHERS								C26. MISCELLANEOUS								D32. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A37. OTHERS								C27. MISCELLANEOUS								D33. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A38. OTHERS								C28. MISCELLANEOUS								D34. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A39. OTHERS								C29. MISCELLANEOUS								D35. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A40. OTHERS								C30. MISCELLANEOUS								D36. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A41. OTHERS								C31. MISCELLANEOUS								D37. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A42. OTHERS								C32. MISCELLANEOUS								D38. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A43. OTHERS								C33. MISCELLANEOUS								D39. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A44. OTHERS								C34. MISCELLANEOUS								D40. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A45. OTHERS								C35. MISCELLANEOUS								D41. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A46. OTHERS								C36. MISCELLANEOUS								D42. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A47. OTHERS								C37. MISCELLANEOUS								D43. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A48. OTHERS								C38. MISCELLANEOUS								D44. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A49. OTHERS								C39. MISCELLANEOUS								D45. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A50. OTHERS								C40. MISCELLANEOUS								D46. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A51. OTHERS								C41. MISCELLANEOUS								D47. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A52. OTHERS								C42. MISCELLANEOUS								D48. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A53. OTHERS								C43. MISCELLANEOUS								D49. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A54. OTHERS								C44. MISCELLANEOUS								D50. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A55. OTHERS								C45. MISCELLANEOUS								D51. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A56. OTHERS								C46. MISCELLANEOUS								D52. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A57. OTHERS								C47. MISCELLANEOUS								D53. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A58. OTHERS								C48. MISCELLANEOUS								D54. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A59. OTHERS								C49. MISCELLANEOUS								D55. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A60. OTHERS								C50. MISCELLANEOUS								D56. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A61. OTHERS								C51. MISCELLANEOUS								D57. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A62. OTHERS								C52. MISCELLANEOUS								D58. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A63. OTHERS								C53. MISCELLANEOUS								D59. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A64. OTHERS								C54. MISCELLANEOUS								D60. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A65. OTHERS								C55. MISCELLANEOUS								D61. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A66. OTHERS								C56. MISCELLANEOUS								D62. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A67. OTHERS								C57. MISCELLANEOUS								D63. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A68. OTHERS								C58. MISCELLANEOUS								D64. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A69. OTHERS								C59. MISCELLANEOUS								D65. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A70. OTHERS								C60. MISCELLANEOUS								D66. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A71. OTHERS								C61. MISCELLANEOUS								D67. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A72. OTHERS								C62. MISCELLANEOUS								D68. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A73. OTHERS								C63. MISCELLANEOUS								D69. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A74. OTHERS								C64. MISCELLANEOUS								D70. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A75. OTHERS								C65. MISCELLANEOUS								D71. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A76. OTHERS								C66. MISCELLANEOUS								D72. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A77. OTHERS								C67. MISCELLANEOUS								D73. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A78. OTHERS								C68. MISCELLANEOUS								D74. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A79. OTHERS								C69. MISCELLANEOUS								D75. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A80. OTHERS								C70. MISCELLANEOUS								D76. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A81. OTHERS								C71. MISCELLANEOUS								D77. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A82. OTHERS								C72. MISCELLANEOUS								D78. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A83. OTHERS								C73. MISCELLANEOUS								D79. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A84. OTHERS								C74. MISCELLANEOUS								D80. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A85. OTHERS								C75. MISCELLANEOUS								D81. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A86. OTHERS								C76. MISCELLANEOUS								D82. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A87. OTHERS								C77. MISCELLANEOUS								D83. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A88. OTHERS								C78. MISCELLANEOUS								D84. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A89. OTHERS								C79. MISCELLANEOUS								D85. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A90. OTHERS								C80. MISCELLANEOUS								D86. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A91. OTHERS								C81. MISCELLANEOUS								D87. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A92. OTHERS								C82. MISCELLANEOUS								D88. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A93. OTHERS								C83. MISCELLANEOUS								D89. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A94. OTHERS								C84. MISCELLANEOUS								D90. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A95. OTHERS								C85. MISCELLANEOUS								D91. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A96. OTHERS								C86. MISCELLANEOUS								D92. OTHERS							
Bil.				Bil.				Bil.				Bil.				Bil.							
A97. OTHERS								C87. MISCELLANEOUS								D93. OTHERS							
Bil.																							

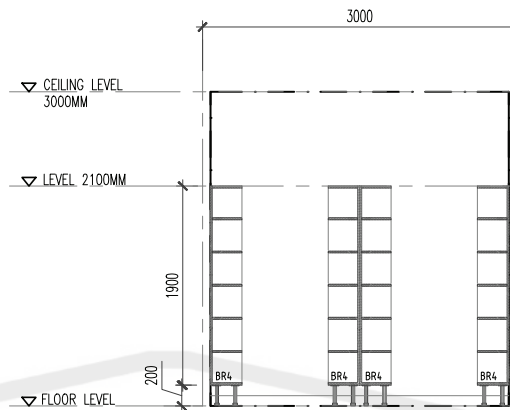


FLOOR PLAN

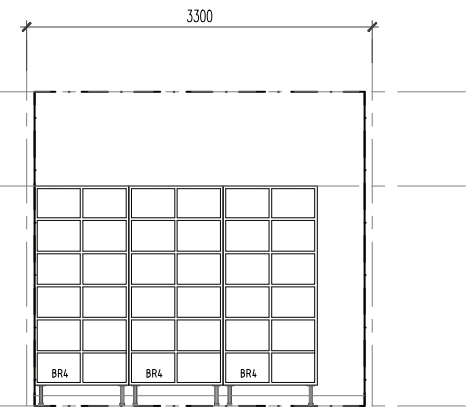


CEILING PLAN

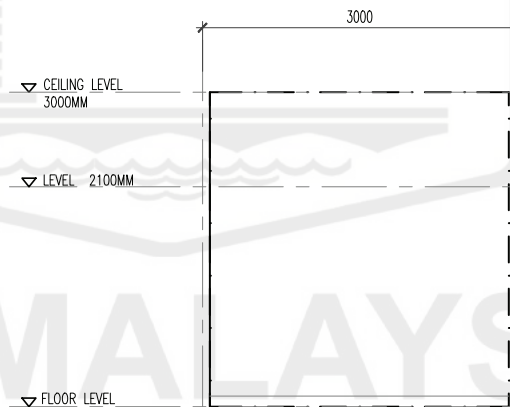
ROOM CODE	
V1	V1
EMP	GB1
A8	3M
	10M ²
	-



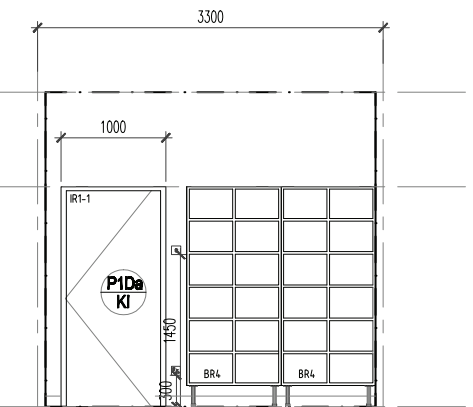
VIEW A



VIEW B



VIEW C

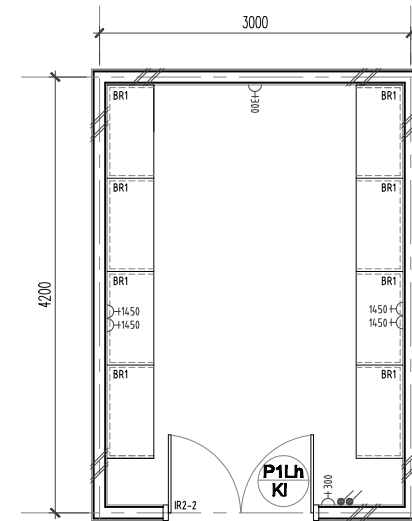


VIEW D

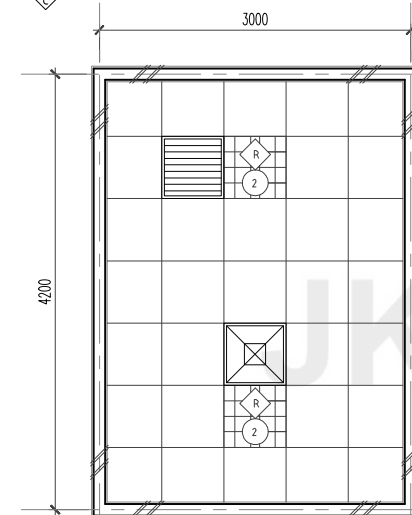
NOTE:
ANY RECORD ROOM NOT WITHIN
THE CLINICAL DEPARTMENT,
CEILING HEIGHT SHALL BE 2700mm

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING TYPE	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	RECORD ROOM	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/17
			DATE NOV 2017	SCALE not to scale	REVISION

38

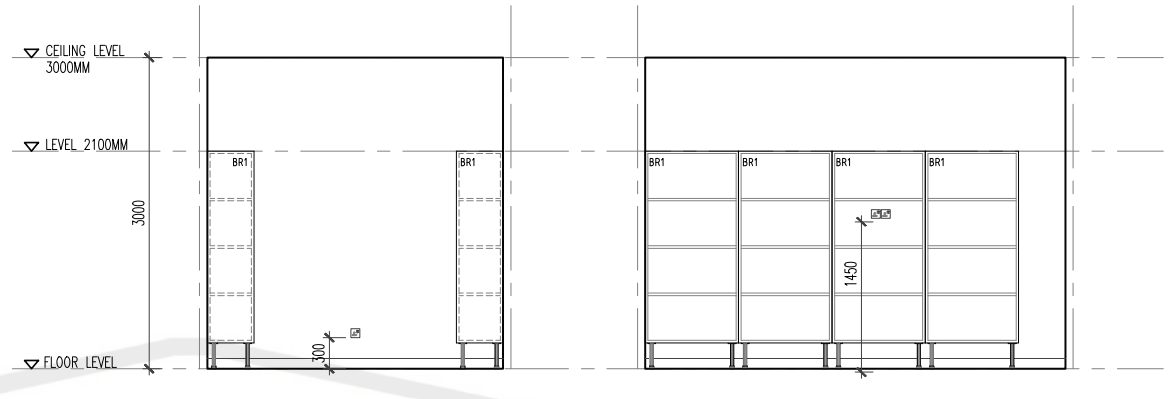


FLOOR PLAN



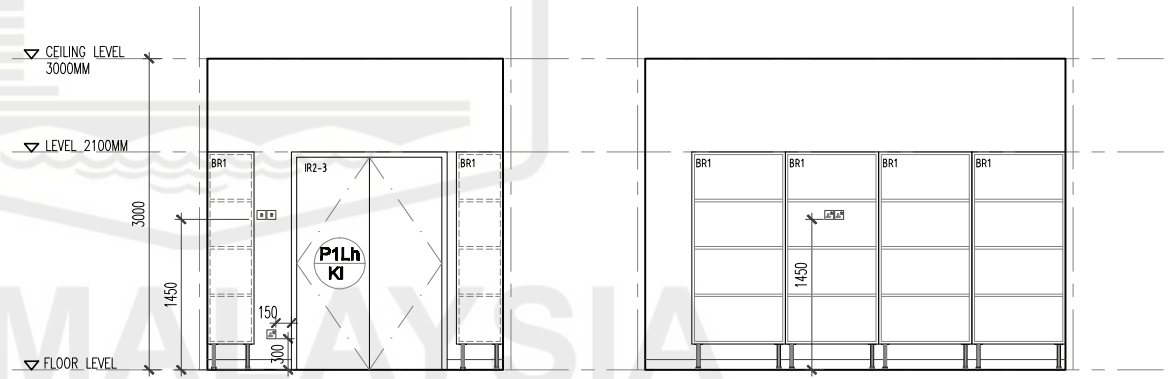
CEILING PLAN

ROOM CODE	
V1	SV
EP	LGB1
AC24	-
	13M ²
	-



VIEW A

VIEW B

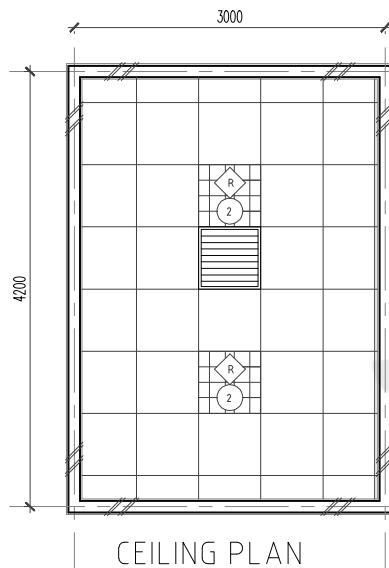
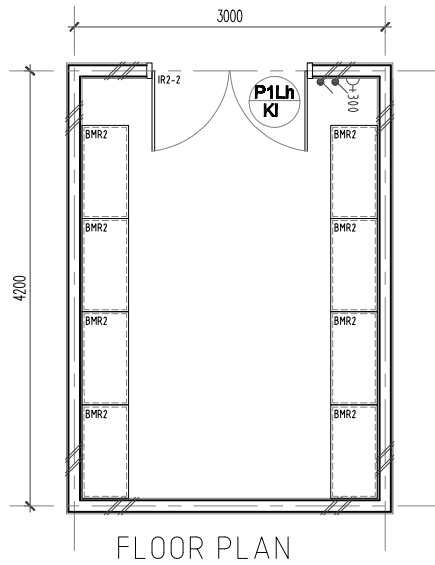


VIEW C

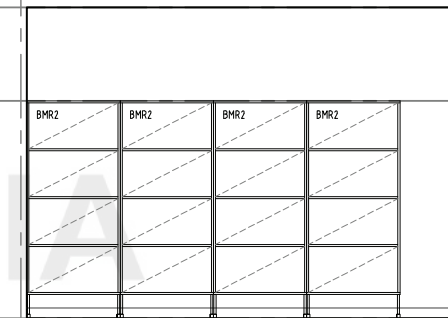
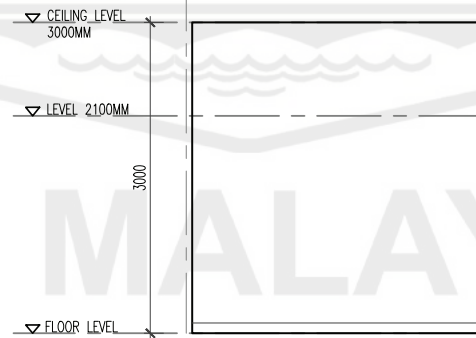
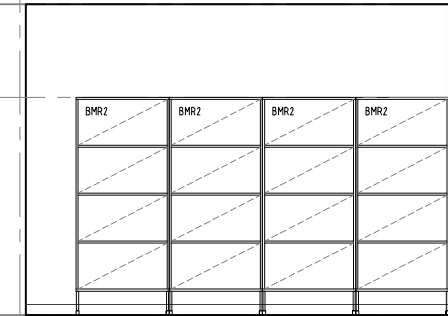
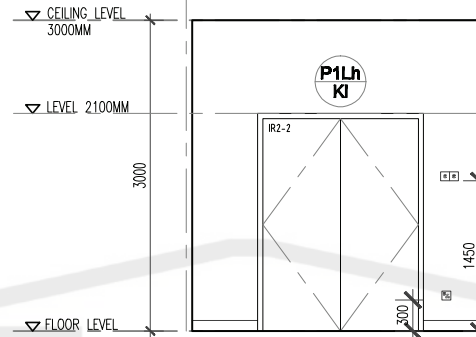
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	EQUIPMENT ROOM	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/18
			DATE	SCALE	REVISION
			NOV 2017	not to scale	

ROOM SIZE: 13 m 2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: EQUIPMENT ROOM		*ROOM CODE:																																																																																										
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS																																																																																										
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION																																																																																										
<table border="1"> <tr> <th>Wall</th> <th>Ceiling</th> <th>Floor</th> <th>Skirting</th> </tr> <tr> <td>AMP - Plaster & Emulsion Paint (available/available)</td> <td>2251 - 600mm x 600mm x 9mm Gls. PVC Laminated (Copper Board 240)</td> <td>02 - Heavy Duty Homo. Vinyl Flooring</td> <td>07 - 100mm high Vinyl Skirting 10 Match</td> </tr> </table>				Wall	Ceiling	Floor	Skirting	AMP - Plaster & Emulsion Paint (available/available)	2251 - 600mm x 600mm x 9mm Gls. PVC Laminated (Copper Board 240)	02 - Heavy Duty Homo. Vinyl Flooring	07 - 100mm high Vinyl Skirting 10 Match	<table border="1"> <tr> <th>i) GAS PIPING</th> <th>Bil.</th> <th>ii) TYPE OF OUTLET</th> <th>Bil.</th> </tr> <tr> <td>Oxygen</td> <td></td> <td>Wall Mounted</td> <td></td> </tr> <tr> <td>Nitrous Oxide</td> <td></td> <td>Bedhead Panel</td> <td></td> </tr> <tr> <td>Medical Vacuum</td> <td></td> <td>Medical Pendant</td> <td></td> </tr> <tr> <td>Medical Air - 4 bar</td> <td></td> <td>Neonatal Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 7 bar</td> <td></td> <td>A&E Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 10 bar</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Etonox</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> </tr> </table>				i) GAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.	Oxygen		Wall Mounted		Nitrous Oxide		Bedhead Panel		Medical Vacuum		Medical Pendant		Medical Air - 4 bar		Neonatal Workstation		Surgical Air - 7 bar		A&E Workstation		Surgical Air - 10 bar				Etonox				Other				<table border="1"> <tr> <th>iii) Others</th> <th>Type</th> <th>Qty</th> </tr> <tr> <td>Night Light</td> <td></td> <td></td> </tr> <tr> <td>Emergency Light</td> <td></td> <td></td> </tr> <tr> <td>Stage Lighting</td> <td></td> <td></td> </tr> </table>				iii) Others	Type	Qty	Night Light			Emergency Light			Stage Lighting																																	
Wall	Ceiling	Floor	Skirting																																																																																															
AMP - Plaster & Emulsion Paint (available/available)	2251 - 600mm x 600mm x 9mm Gls. PVC Laminated (Copper Board 240)	02 - Heavy Duty Homo. Vinyl Flooring	07 - 100mm high Vinyl Skirting 10 Match																																																																																															
i) GAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.																																																																																															
Oxygen		Wall Mounted																																																																																																
Nitrous Oxide		Bedhead Panel																																																																																																
Medical Vacuum		Medical Pendant																																																																																																
Medical Air - 4 bar		Neonatal Workstation																																																																																																
Surgical Air - 7 bar		A&E Workstation																																																																																																
Surgical Air - 10 bar																																																																																																		
Etonox																																																																																																		
Other																																																																																																		
iii) Others	Type	Qty																																																																																																
Night Light																																																																																																		
Emergency Light																																																																																																		
Stage Lighting																																																																																																		
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM																																																																																										
<table border="1"> <tr> <th>Door 1</th> <th>Bil.</th> <th>Door 2</th> <th>Bil.</th> <th>Door 3</th> <th>Bil.</th> </tr> <tr> <td>Code</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grille</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Door 1	Bil.	Door 2	Bil.	Door 3	Bil.	Code						Grille						Remarks						<table border="1"> <tr> <th>Sprinkler System</th> <th>v</th> <th>Conceal type</th> <th>Sidewall</th> </tr> <tr> <td>Pendant type</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fire Extinguisher</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO2 Portable</td> <td></td> <td>DP portable</td> <td></td> </tr> <tr> <td>Fire Alarm</td> <td></td> <td>Clean Agent</td> <td></td> </tr> <tr> <td>Smoke Detector</td> <td></td> <td>Heat Detector</td> <td>Combine</td> </tr> <tr> <td>Alarm Bell</td> <td></td> <td>Flashing Light</td> <td>Sounder</td> </tr> </table>				Sprinkler System	v	Conceal type	Sidewall	Pendant type				Fire Extinguisher				CO2 Portable		DP portable		Fire Alarm		Clean Agent		Smoke Detector		Heat Detector	Combine	Alarm Bell		Flashing Light	Sounder	<table border="1"> <tr> <th>Ceiling Fan 1500</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Ceiling Fan 1200</td> <td></td> <td></td> </tr> <tr> <td>Wall Fan</td> <td></td> <td></td> </tr> <tr> <td>Fan Regulator</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Ceiling Fan 1500	Qty	Notes	Ceiling Fan 1200			Wall Fan			Fan Regulator			Others																						
Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																																																													
Code																																																																																																		
Grille																																																																																																		
Remarks																																																																																																		
Sprinkler System	v	Conceal type	Sidewall																																																																																															
Pendant type																																																																																																		
Fire Extinguisher																																																																																																		
CO2 Portable		DP portable																																																																																																
Fire Alarm		Clean Agent																																																																																																
Smoke Detector		Heat Detector	Combine																																																																																															
Alarm Bell		Flashing Light	Sounder																																																																																															
Ceiling Fan 1500	Qty	Notes																																																																																																
Ceiling Fan 1200																																																																																																		
Wall Fan																																																																																																		
Fan Regulator																																																																																																		
Others																																																																																																		
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> <td>Lockable Key Alike</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> <td>Single glazing</td> </tr> <tr> <td>Remarks</td> <td>Insect Netting</td> <td>Double glazing</td> </tr> </table>				Code	Specification	Specification	Grille			Low level window	Restrictor 30°	Lockable Key Alike	High level window	Restrictor 60°	Single glazing	Remarks	Insect Netting	Double glazing	<table border="1"> <tr> <th>i. Ventilation</th> <th>Natural Vent</th> <th>Ceiling Fan</th> </tr> <tr> <td>Mechanical Vent</td> <td></td> <td></td> </tr> <tr> <td>Air Extration - Mechanical Ventilation</td> <td></td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td></td> <td>Non Ducted Exhaust</td> </tr> <tr> <td>Air Filtration</td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td>Hepa Filters</td> </tr> <tr> <td>Usage</td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td></td> <td>Office Hours</td> </tr> <tr> <td>24 Hours</td> <td></td> <td>Extended Hours</td> </tr> </table>				i. Ventilation	Natural Vent	Ceiling Fan	Mechanical Vent			Air Extration - Mechanical Ventilation			Ducted Exhaust		Non Ducted Exhaust	Air Filtration			Normal Filters		Hepa Filters	Usage			Intermittent		Office Hours	24 Hours		Extended Hours	<table border="1"> <tr> <th>Soket</th> <th>Normal</th> <th>Essential</th> <th>UPS</th> <th>Notes</th> </tr> <tr> <td>13 Amp Single</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Soket	Normal	Essential	UPS	Notes	13 Amp Single					13 Amp Twin					15 Amp Single					230V Termination					Isolator					1-phase					3-phase					Others				
Code	Specification	Specification																																																																																																
Grille																																																																																																		
Low level window	Restrictor 30°	Lockable Key Alike																																																																																																
High level window	Restrictor 60°	Single glazing																																																																																																
Remarks	Insect Netting	Double glazing																																																																																																
i. Ventilation	Natural Vent	Ceiling Fan																																																																																																
Mechanical Vent																																																																																																		
Air Extration - Mechanical Ventilation																																																																																																		
Ducted Exhaust		Non Ducted Exhaust																																																																																																
Air Filtration																																																																																																		
Normal Filters		Hepa Filters																																																																																																
Usage																																																																																																		
Intermittent		Office Hours																																																																																																
24 Hours		Extended Hours																																																																																																
Soket	Normal	Essential	UPS	Notes																																																																																														
13 Amp Single																																																																																																		
13 Amp Twin																																																																																																		
15 Amp Single																																																																																																		
230V Termination																																																																																																		
Isolator																																																																																																		
1-phase																																																																																																		
3-phase																																																																																																		
Others																																																																																																		
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Room Temperature °C</th> <th>74°F ± 1°</th> <th>Air Change</th> </tr> <tr> <td>Relative Humidity (%) <td>55±5 <td>Room Static Level (Pa)</td> </td></td></tr> <tr> <td>Permissible Noise Level (nc) <td></td> <td>Total Exhaust</td> </td></tr> <tr> <td>Air Filtration</td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td>HEPA Filters</td> </tr> <tr> <td>Usage</td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td></td> <td>Office Hours</td> </tr> <tr> <td>24 Hours</td> <td></td> <td>Extended Hours</td> </tr> </table>				Room Temperature °C	74°F ± 1°	Air Change	Relative Humidity (%) <td>55±5 <td>Room Static Level (Pa)</td> </td>	55±5 <td>Room Static Level (Pa)</td>	Room Static Level (Pa)	Permissible Noise Level (nc) <td></td> <td>Total Exhaust</td>		Total Exhaust	Air Filtration			Normal Filters		HEPA Filters	Usage			Intermittent		Office Hours	24 Hours		Extended Hours	<table border="1"> <tr> <th>PA SYSTEM</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Ceiling speaker</td> <td></td> <td></td> </tr> <tr> <td>Volume Control</td> <td></td> <td></td> </tr> <tr> <td>Box Speaker</td> <td></td> <td></td> </tr> <tr> <td>PA Rack</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				PA SYSTEM	Qty	Notes	Ceiling speaker			Volume Control			Box Speaker			PA Rack			Others																																					
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Room Temperature °C	74°F ± 1°	Air Change																																																																																																
Relative Humidity (%) <td>55±5 <td>Room Static Level (Pa)</td> </td>	55±5 <td>Room Static Level (Pa)</td>	Room Static Level (Pa)																																																																																																
Permissible Noise Level (nc) <td></td> <td>Total Exhaust</td>		Total Exhaust																																																																																																
Air Filtration																																																																																																		
Normal Filters		HEPA Filters																																																																																																
Usage																																																																																																		
Intermittent		Office Hours																																																																																																
24 Hours		Extended Hours																																																																																																
PA SYSTEM	Qty	Notes																																																																																																
Ceiling speaker																																																																																																		
Volume Control																																																																																																		
Box Speaker																																																																																																		
PA Rack																																																																																																		
Others																																																																																																		
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Saluran Air</th> <th>Bil.</th> </tr> <tr> <td>Cold Only</td> <td></td> </tr> <tr> <td>RO Water</td> <td></td> </tr> <tr> <td>Special Drainage Requirement</td> <td></td> </tr> <tr> <td>Grease Trap</td> <td>Neutralised Tank</td> </tr> <tr> <td>Plaster Trap</td> <td>Other</td> </tr> </table>				Saluran Air	Bil.	Cold Only		RO Water		Special Drainage Requirement		Grease Trap	Neutralised Tank	Plaster Trap	Other	<table border="1"> <tr> <th>Sistem MATV</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>MATV Point</td> <td></td> <td></td> </tr> <tr> <td>TV set (32" c/w bracket)</td> <td></td> <td></td> </tr> <tr> <td>TV set (42" c/w bracket)</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Sistem MATV	Qty	Notes	MATV Point			TV set (32" c/w bracket)			TV set (42" c/w bracket)			Others																																																				
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Saluran Air	Bil.																																																																																																	
Cold Only																																																																																																		
RO Water																																																																																																		
Special Drainage Requirement																																																																																																		
Grease Trap	Neutralised Tank																																																																																																	
Plaster Trap	Other																																																																																																	
Sistem MATV	Qty	Notes																																																																																																
MATV Point																																																																																																		
TV set (32" c/w bracket)																																																																																																		
TV set (42" c/w bracket)																																																																																																		
Others																																																																																																		
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Saluran Air</th> <th>Bil.</th> </tr> <tr> <td>Cold Only</td> <td></td> </tr> <tr> <td>RO Water</td> <td></td> </tr> <tr> <td>Special Drainage Requirement</td> <td></td> </tr> <tr> <td>Grease Trap</td> <td>Neutralised Tank</td> </tr> <tr> <td>Plaster Trap</td> <td>Other</td> </tr> </table>				Saluran Air	Bil.	Cold Only		RO Water		Special Drainage Requirement		Grease Trap	Neutralised Tank	Plaster Trap	Other	<table border="1"> <tr> <th>Digital Calling System</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Main Display Unit</td> <td></td> <td></td> </tr> <tr> <td>Display Unit</td> <td></td> <td></td> </tr> <tr> <td>Ticket Printer</td> <td></td> <td></td> </tr> <tr> <td>Counter/room terminal</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Digital Calling System	Qty	Notes	Main Display Unit			Display Unit			Ticket Printer			Counter/room terminal			Others																																																	
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Saluran Air	Bil.																																																																																																	
Cold Only																																																																																																		
RO Water																																																																																																		
Special Drainage Requirement																																																																																																		
Grease Trap	Neutralised Tank																																																																																																	
Plaster Trap	Other																																																																																																	
Digital Calling System	Qty	Notes																																																																																																
Main Display Unit																																																																																																		
Display Unit																																																																																																		
Ticket Printer																																																																																																		
Counter/room terminal																																																																																																		
Others																																																																																																		
A07. BUILT-IN FURNITURES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Network Points</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>UTP</td> <td></td> <td></td> </tr> <tr> <td>STP</td> <td></td> <td></td> </tr> <tr> <td>Wifi</td> <td></td> <td></td> </tr> </table>				Network Points	Qty	Notes	UTP			STP			Wifi			<table border="1"> <tr> <th>Digital Calling System</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>A. PATIENT</td> <td></td> <td></td> </tr> <tr> <td>Cord</td> <td></td> <td></td> </tr> <tr> <td>Light</td> <td></td> <td></td> </tr> <tr> <td>Intercom/speech</td> <td></td> <td></td> </tr> <tr> <td>Pull Cord</td> <td></td> <td></td> </tr> <tr> <td>Code Blue</td> <td></td> <td></td> </tr> <tr> <td>B. STAFF</td> <td></td> <td></td> </tr> <tr> <td>Light</td> <td></td> <td></td> </tr> <tr> <td>Display</td> <td></td> <td></td> </tr> <tr> <td>Console</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Digital Calling System	Qty	Notes	A. PATIENT			Cord			Light			Intercom/speech			Pull Cord			Code Blue			B. STAFF			Light			Display			Console			Others																															
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Network Points	Qty	Notes																																																																																																
UTP																																																																																																		
STP																																																																																																		
Wifi																																																																																																		
Digital Calling System	Qty	Notes																																																																																																
A. PATIENT																																																																																																		
Cord																																																																																																		
Light																																																																																																		
Intercom/speech																																																																																																		
Pull Cord																																																																																																		
Code Blue																																																																																																		
B. STAFF																																																																																																		
Light																																																																																																		
Display																																																																																																		
Console																																																																																																		
Others																																																																																																		
A08. LABORATORY FURNITURES				C1. NETWORK POINTS				D8. AUDIO VISUAL SYSTEM																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Workstation</th> <th>Tablet</th> <th>Laptop/Notebook</th> </tr> <tr> <td>Type</td> <td>Type</td> <td>Type</td> </tr> <tr> <td>Qty</td> <td>Qty</td> <td>Qty</td> </tr> </table>				Workstation	Tablet	Laptop/Notebook	Type	Type	Type	Qty	Qty	Qty	<table border="1"> <tr> <th>LCD Projector</th> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>Projector Screen</td> <td></td> <td></td> </tr> <tr> <td>Microphone</td> <td></td> <td></td> </tr> <tr> <td>Speaker</td> <td></td> <td></td> </tr> <tr> <td>AV Rack</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				LCD Projector	Qty	Notes	Projector Screen			Microphone			Speaker			AV Rack			Others																																																				
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Workstation	Tablet	Laptop/Notebook																																																																																																
Type	Type	Type																																																																																																
Qty	Qty	Qty																																																																																																
LCD Projector	Qty	Notes																																																																																																
Projector Screen																																																																																																		
Microphone																																																																																																		
Speaker																																																																																																		
AV Rack																																																																																																		
Others																																																																																																		
A09. LOOSE FURNITURES				C2. TELEPHONE				D9. SECURITY SYSTEM																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Specification</th> <th>Type A</th> <th>Type B</th> <th>Type C</th> <th>Fax</th> </tr> <tr> <td>Quantity</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Digital/Analog/VoIP</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Specification	Type A	Type B	Type C	Fax	Quantity					Digital/Analog/VoIP					<table border="1"> <tr> <th>Security System</th> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Security System</td> <td></td> <td></td> </tr> <tr> <td>A. CCTV System</td> <td></td> <td></td> </tr> <tr> <td>Dome Camera</td> <td></td> <td></td> </tr> <tr> <td>PTZ Camera</td> <td></td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> <td></td> </tr> <tr> <td>Recorder/Decoder</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Security System	Notes	Qty.	Security System			A. CCTV System			Dome Camera			PTZ Camera			Monitor			Recorder/Decoder			Others																																								
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Specification	Type A	Type B	Type C	Fax																																																																																														
Quantity																																																																																																		
Digital/Analog/VoIP																																																																																																		
Security System	Notes	Qty.																																																																																																
Security System																																																																																																		
A. CCTV System																																																																																																		
Dome Camera																																																																																																		
PTZ Camera																																																																																																		
Monitor																																																																																																		
Recorder/Decoder																																																																																																		
Others																																																																																																		
A10. ACCESSORIES				C3. COMPUTER				GROUP 3 - LOOSE EQUIPMENTS																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Reporting Station</th> <th>Viewing Station</th> <th>Digitiser</th> </tr> <tr> <td>Qty</td> <td>Qty</td> <td>Qty</td> </tr> </table>				Reporting Station	Viewing Station	Digitiser	Qty	Qty	Qty	<table border="1"> <tr> <th>Equipment Supply and Install by Client</th> <th>Item Code</th> <th>Item Description</th> <th>M/E Qty.</th> </tr> <tr> <td>Loose Medical Equipment</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Loose Non-Medical Equipment</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Loose Medical Furniture</td> <td></td> <td></td> <td></td> </tr> </table>				Equipment Supply and Install by Client	Item Code	Item Description	M/E Qty.	Loose Medical Equipment				Loose Non-Medical Equipment				Loose Medical Furniture																																																										
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Reporting Station	Viewing Station	Digitiser																																																																																																
Qty	Qty	Qty																																																																																																
Equipment Supply and Install by Client	Item Code	Item Description	M/E Qty.																																																																																															
Loose Medical Equipment																																																																																																		
Loose Non-Medical Equipment																																																																																																		
Loose Medical Furniture																																																																																																		
A11. WALL TYPES				C4. PACS Workstation				GROUP 4 - CONSUMABLES																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Workstation</th> <th>Tablet</th> <th>Laptop/Notebook</th> </tr> <tr> <td>Type</td> <td>Type</td> <td>Type</td> </tr> <tr> <td>Qty</td> <td>Qty</td> <td>Qty</td> </tr> </table>				Workstation	Tablet	Laptop/Notebook	Type	Type	Type	Qty	Qty	Qty	<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks																																																											
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Workstation	Tablet	Laptop/Notebook																																																																																																
Type	Type	Type																																																																																																
Qty	Qty	Qty																																																																																																
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
A12. SANITARY WARES & FITTING				C5. PRINTERS				GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Network Printer (A3) Colour</th> <th>Local Printer (A4) Black</th> </tr> <tr> <td>Network Printer (A4) Black</td> <td>Local Printer (A4) Colour</td> </tr> <tr> <td>Network Printer (A4) Colour</td> <td>Barcode Printer</td> </tr> </table>				Network Printer (A3) Colour	Local Printer (A4) Black	Network Printer (A4) Black	Local Printer (A4) Colour	Network Printer (A4) Colour	Barcode Printer	<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks																																																														
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Network Printer (A3) Colour	Local Printer (A4) Black																																																																																																	
Network Printer (A4) Black	Local Printer (A4) Colour																																																																																																	
Network Printer (A4) Colour	Barcode Printer																																																																																																	
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
A13. OTHERS				C6. MISCELLANEOUS				GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL																																																																																										
<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks		<table border="1"> <tr> <th>Barcode Scanner</th> <th>Mykad Reader</th> </tr> <tr> <td>Flatbed Scanner</td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td>Wireless AP</td> </tr> </table>				Barcode Scanner	Mykad Reader	Flatbed Scanner	Info Kiosk	Video Conferencing	PC Trolley	UPS(600VA)	Wireless AP	<table border="1"> <tr> <th>Code</th> <th>Specification</th> </tr> <tr> <td>Grille</td> <td></td> </tr> <tr> <td>Low level window</td> <td>Restrictor 30°</td> </tr> <tr> <td>High level window</td> <td>Restrictor 60°</td> </tr> <tr> <td>Remarks</td> <td></td> </tr> </table>				Code	Specification	Grille		Low level window	Restrictor 30°	High level window	Restrictor 60°	Remarks																																																												
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		
Barcode Scanner	Mykad Reader																																																																																																	
Flatbed Scanner	Info Kiosk																																																																																																	
Video Conferencing	PC Trolley																																																																																																	
UPS(600VA)	Wireless AP																																																																																																	
Code	Specification																																																																																																	
Grille																																																																																																		
Low level window	Restrictor 30°																																																																																																	
High level window	Restrictor 60°																																																																																																	
Remarks																																																																																																		

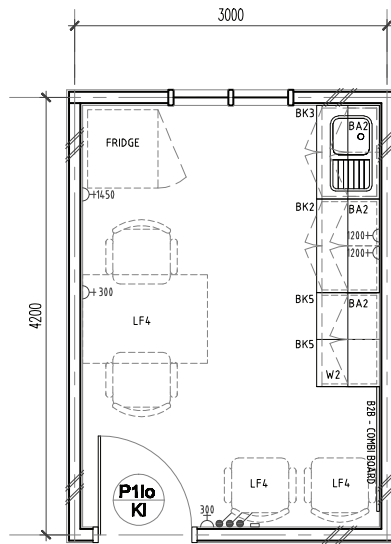


ROOM CODE	
V1	SV
EMP	GB1
MV	3M
12M ²	
-	

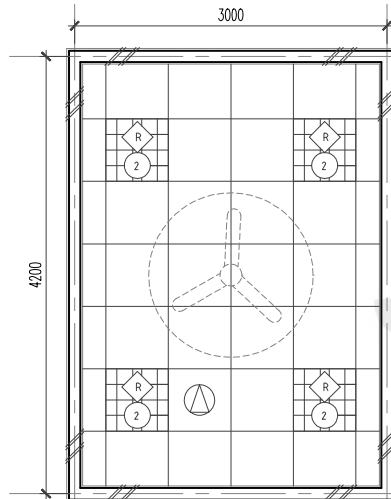


CLIENT	DESIGNERS	TITLE	ROOM NAME	GENERAL STORE	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/19
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	REVISION
			NOV 2017	not to scale	

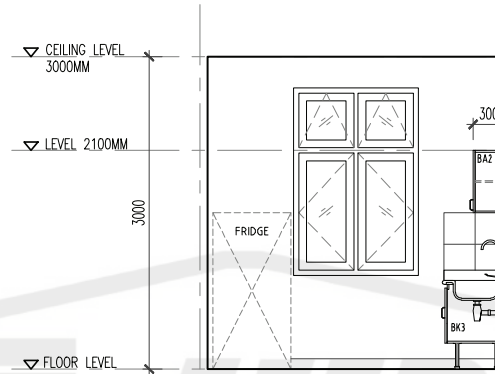
ROOM SIZE: 12 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: GENERAL STORE		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION			
Wall	Ceiling	Floor	Skirting	UGAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.	i) Lighting Intensity	Notes	Qty.	Code
EMP - Plaster & Emulsion Paint	GB1 - 600mm x 600mm x 9mm thk. Glass Fibre	V1 - Heavy Duty Homo. Vinyl Flooring	SV - 100mm high Vinyl skirting to match	Oxygen		Wall Mounted		Lux	100		No.
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM			
Door 1	Bil.	Door 2	Bil.	Door 3	Bil.	Sprinkler System	v	Ceiling Fan 1500	Qty	NOTES	
Code	P1Lh/K1	1				Pendant type	v	Ceiling Fan 1200			
Grille						Fire Extinguisher		Wall Fan			
Remarks						CO2 Portable		Fan Regulator			
DOOR ACCESSORIES				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT			
Ironmongery		IR-2				i. Ventilation		Socket	Normal	Essential	UPS
Door Protection						Mechanical Vent	v	13 Amp Single	1		
Push Plate		1				Air Extraction - Mechanical Ventilation		13 Amp Twin			
Crash Plate		1				Ducted Exhaust	v	15 Amp Single			
Kick Plate						Air Filtration		230V Termination			
Remarks						Normal Filters		Isolator			
A03. WINDOW				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM			
Code		Bil.	Specification	/	Specification	Usage		PA SYSTEM	Qty	Notes	
Grille			Restrictor 30"			Intermittent		Ceiling speaker			
Low level window			Restrictor 60"			Office Hours		Volume Control			
High level window			Single glazing			24 Hours	v	Box Speaker			
Remarks			Insect Netting			Extended Hours		PA Rack			
A04. INTERNAL GLAZING				B5. PNEUMATIC TUBE				D5. MATV SYSTEM			
		Bil.			Bil.	Saluran Air	Bil.	Sistem MATV	Qty	Notes	
A05. HATCH / PASS THROUGH COUNTER				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM			
A06. SIGNAGES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM			
				C1. NETWORK POINTS							
A07. BUILT-IN FURNITURES				C2. TELEPHONE							
BMR2		8			Bil.	Specification	Type A	Type B	Type C	Fax	
A08. LABORATORY FURNITURES				C3. COMPUTER				D8. DB. AUDIO VISUAL SYSTEM			
				C4. PACS Workstation							
A09. LOOSE FURNITURES				C5. PRINTERS							
				C6. MISCELLANEOUS							
				C7. NETWORK POINTS							
A10. ACCESSORIES				C8. TELEPHONE							
Floor Mounted / Wall Protection			Curtain Track			Workstation	Tablet	Laptop/Notebook			
Cubical Track			Blind			Type	Qty	Type	Qty		
IV Track			Artworks			Reporting Station	Qty	Viewing Station	Qty	Digitiser	
A11. WALL TYPES				C9. COMPUTER							
Cavity Wall						Qty		Qty			
Single Wall						Network Printer (A3) Colour		Local Printer (A4) Black			
Dry wall						Network Printer (A4) Black		Local Printer (A4) Colour			
Curtain Wall						Network Printer (A4) Colour		Barcode Printer			
Remarks / Others											
A12. SANITARY WARES & FITTING				C10. COMPUTER				D9. SECURITY SYSTEM			
				C11. NETWORK POINTS							
				C12. TELEPHONE							
				C13. COMPUTER							
				C14. PACS Workstation							
				C15. PRINTERS							
				C16. MISCELLANEOUS							
				C17. NETWORK POINTS							
				C18. TELEPHONE							
				C19. COMPUTER							
				C20. PACS Workstation							
				C21. PRINTERS							
				C22. MISCELLANEOUS							
				C23. NETWORK POINTS							
				C24. TELEPHONE							
				C25. COMPUTER							
				C26. PACS Workstation							
				C27. PRINTERS							
				C28. MISCELLANEOUS							
				C29. NETWORK POINTS							
				C30. TELEPHONE							
				C31. COMPUTER							
				C32. PACS Workstation							
				C33. PRINTERS							
				C34. MISCELLANEOUS							
				C35. NETWORK POINTS							
				C36. TELEPHONE							
				C37. COMPUTER							
				C38. PACS Workstation							
				C39. PRINTERS							
				C40. MISCELLANEOUS							
				C41. NETWORK POINTS							
				C42. TELEPHONE							
				C43. COMPUTER							
				C44. PACS Workstation							
				C45. PRINTERS							
				C46. MISCELLANEOUS							
				C47. NETWORK POINTS							
				C48. TELEPHONE							
				C49. COMPUTER							
				C50. PACS Workstation							
				C51. PRINTERS							
				C52. MISCELLANEOUS							
				C53. NETWORK POINTS							
				C54. TELEPHONE							
				C55. COMPUTER							
				C56. PACS Workstation							
				C57. PRINTERS							
				C58. MISCELLANEOUS							
				C59. NETWORK POINTS							
				C60. TELEPHONE							
				C61. COMPUTER							
				C62. PACS Workstation							
				C63. PRINTERS							
				C64. MISCELLANEOUS							
				C65. NETWORK POINTS							
				C66. TELEPHONE							
				C67. COMPUTER							
				C68. PACS Workstation							
				C69. PRINTERS							
				C70. MISCELLANEOUS							
				C71. NETWORK POINTS							
				C72. TELEPHONE							
				C73. COMPUTER							
				C74. PACS Workstation							
				C75. PRINTERS							
				C76. MISCELLANEOUS							
				C77. NETWORK POINTS							
				C78. TELEPHONE							
				C79. COMPUTER							
				C80. PACS Workstation							
				C81. PRINTERS							
				C82. MISCELLANEOUS							
				C83. NETWORK POINTS							
				C84. TELEPHONE							
				C85. COMPUTER							
				C86. PACS Workstation							
				C87. PRINTERS							
				C88. MISCELLANEOUS							
				C89. NETWORK POINTS							
				C90. TELEPHONE							
				C91. COMPUTER							
				C92. PACS Workstation							
				C93. PRINTERS							
				C94. MISCELLANEOUS							
				C95. NETWORK POINTS							
				C96. TELEPHONE							
				C97. COMPUTER							
				C98. PACS Workstation							
				C99. PRINTERS							
				C100. MISCELLANEOUS							
				C101. NETWORK POINTS							
				C102. TELEPHONE							
				C103. COMPUTER							
				C104. PACS Workstation							
				C105. PRINTERS							
				C106. MISCELLANEOUS							
				C107. NETWORK POINTS							
				C108. TELEPHONE							
				C109. COMPUTER							
				C110. PACS Workstation							
				C111. PRINTERS							
				C112. MISCELLANEOUS							
				C113. NETWORK POINTS							
				C114. TELEPHONE							
				C115. COMPUTER							
				C116. PACS Workstation							
				C117. PRINTERS							
				C118. MISCELLANEOUS							
				C119. NETWORK POINTS							
				C120. TELEPHONE							
				C121. COMPUTER							
				C122. PACS Workstation							
				C123. PRINTERS							
				C124. MISCELLANEOUS							
				C125. NETWORK POINTS							
				C126. TELEPHONE							
				C127. COMPUTER							
				C128. PACS Workstation							
				C129. PRINTERS							
				C130. MISCELLANEOUS							
				C131. NETWORK POINTS							
				C132. TELEPHONE							
				C133. COMPUTER							
				C134. PACS Workstation							
				C135. PRINTERS							
				C136. MISCELLANEOUS							
				C137. NETWORK POINTS							
				C138. TELEPHONE							
				C139. COMPUTER							
				C140. PACS Workstation							
				C141. PRINTERS							
				C142. MISCELLANEOUS							
				C143. NETWORK POINTS							
				C144. TELEPHONE							
				C145. COMPUTER							
				C146. PACS Workstation							
				C147. PRINTERS							
				C148. MISCELLANEOUS							
				C149. NETWORK POINTS							
				C150. TELEPHONE							
				C151. COMPUTER							
				C152. PACS Workstation							
				C153. PRINTERS							
				C154. MISCELLANEOUS							
				C155. NETWORK POINTS							
				C156. TELEPHONE							
				C157. COMPUTER							
				C158. PACS Workstation							
				C159. PRINTERS							
				C160. MISCELLANEOUS							
				C161. NETWORK POINTS							
				C162. TELEPHONE							
				C163. COMPUTER							
				C164. PACS Workstation							
				C165. PRINTERS							
				C166. MISCELLANEOUS							
				C167. NETWORK POINTS							
				C168. TELEPHONE							
				C169. COMPUTER							
				C170. PACS Workstation							
				C171. PRINTERS							
				C172. MISCELLANEOUS							
				C173. NETWORK POINTS							
				C174. TELEPHONE							
				C175. COMPUTER							
				C176. PACS Workstation							
				C177. PRINTERS							
				C178. MISCELLANEOUS							
				C179. NETWORK POINTS							
				C180. TELEPHONE							
				C181. COMPUTER							
				C182. PACS Workstation							
				C183. PRINTERS							
				C184. MISCELLANEOUS							
				C185. NETWORK POINTS							
				C186. TELEPHONE							
				C187. COMPUTER							
				C188. PACS Workstation							
				C189. PRINTERS							
				C190. MISCELLANEOUS							
				C191. NETWORK POINTS							
				C192. TELEPHONE							
				C193. COMPUTER							
				C194. PACS Workstation							
				C195. PRINTERS							
				C196. MISCELLANEOUS							
				C197. NETWORK POINTS							
				C198. TELEPHONE							
				C199. COMPUTER							
				C200. PACS Workstation							
				C201. PRINTERS							
				C202. MISCELLANEOUS							
				C203. NETWORK POINTS							
				C204. TELEPHONE							
				C205. COMPUTER							
				C206. PACS Workstation							
				C207. PRINTERS							
				C208. MISCELLANEOUS							
				C209. NETWORK POINTS							
				C210. TELEPHONE							
				C211. COMPUTER							
				C212. PACS Workstation							
				C213. PRINTERS							
				C214. MISCELLANEOUS							
				C215. NETWORK POINTS							
				C216. TELEPHONE							
				C217. COMPUTER							
				C218. PACS Workstation							
				C219. PRINTERS							



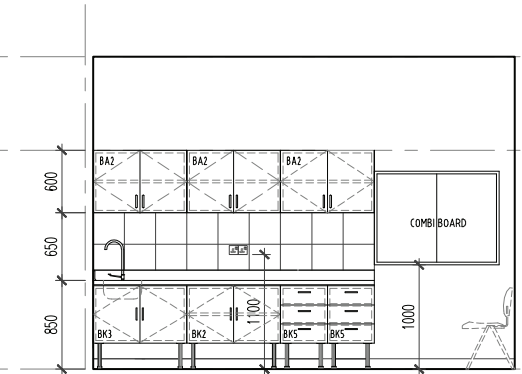
FLOOR PLAN



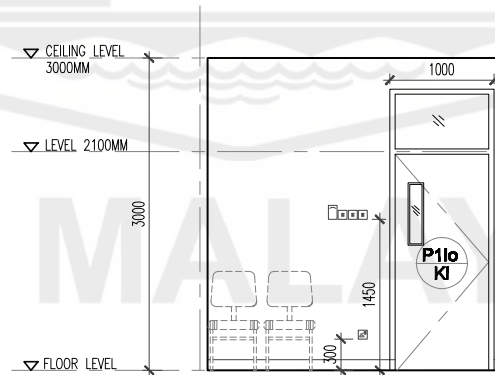
CEILING PLAN



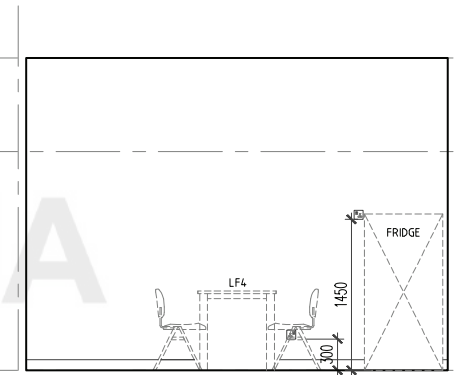
VIEW A



VIEW B



VIEW C



VIEW D

ROOM CODE	
V	ST
EMP	GB1
MV	3M
	13M ²
	-

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	STAFF REST	JKR/CA/P-DRP/07/26/PEL15/006/20
			PLAN & VIEW	
			DATE	REVISION
			NOV 2017	
			SCALE	
			not to scale	

ROOM SIZE: 13 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: STAFF REST WITH EXTERNAL WINDOW		*ROOM CODE:																																																																																																							
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS																																																																																																							
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION																																																																																																							
<table border="1"> <tr> <th>Wall</th> <th>Ceiling</th> <th>Floor</th> <th>Skirting</th> </tr> <tr> <td>Wall Paper & Emulsion Paint (Jaya/Kalsi/Agriplast)</td> <td>600 x 600mm x 15mm (150 x 150)</td> <td>1200 x 600mm x 20mm (1200 x 600)</td> <td>1200 x 600mm x 15mm (1200 x 600)</td> </tr> </table>				Wall	Ceiling	Floor	Skirting	Wall Paper & Emulsion Paint (Jaya/Kalsi/Agriplast)	600 x 600mm x 15mm (150 x 150)	1200 x 600mm x 20mm (1200 x 600)	1200 x 600mm x 15mm (1200 x 600)	<table border="1"> <tr> <th>Bil.</th> <th>i) TYPE OF OUTLET</th> <th>Bil.</th> </tr> <tr> <td>1</td> <td>Wall Mounted</td> <td>1</td> </tr> <tr> <td>2</td> <td>Bedhead Panel</td> <td>2</td> </tr> <tr> <td>3</td> <td>Medical Vacuum</td> <td>3</td> </tr> <tr> <td>4</td> <td>Medical Air - 4 bar</td> <td>4</td> </tr> <tr> <td>5</td> <td>Surgical Air - 7 bar</td> <td>5</td> </tr> <tr> <td>6</td> <td>Surgical Air - 10 bar</td> <td>6</td> </tr> <tr> <td>7</td> <td>Etonox</td> <td>7</td> </tr> <tr> <td>8</td> <td>Other</td> <td>8</td> </tr> </table>				Bil.	i) TYPE OF OUTLET	Bil.	1	Wall Mounted	1	2	Bedhead Panel	2	3	Medical Vacuum	3	4	Medical Air - 4 bar	4	5	Surgical Air - 7 bar	5	6	Surgical Air - 10 bar	6	7	Etonox	7	8	Other	8	<table border="1"> <tr> <th>ii) Type</th> <th>Type</th> <th>Qty</th> </tr> <tr> <td>Flourescent</td> <td>v</td> <td>4</td> </tr> <tr> <td>Downlight</td> <td></td> <td></td> </tr> <tr> <td>iii) Others</td> <td>Type</td> <td>Qty</td> </tr> <tr> <td>Night Light</td> <td></td> <td></td> </tr> <tr> <td>Emergency Light</td> <td></td> <td></td> </tr> <tr> <td>Stage Lighting</td> <td></td> <td></td> </tr> </table>				ii) Type	Type	Qty	Flourescent	v	4	Downlight			iii) Others	Type	Qty	Night Light			Emergency Light			Stage Lighting																																														
Wall	Ceiling	Floor	Skirting																																																																																																												
Wall Paper & Emulsion Paint (Jaya/Kalsi/Agriplast)	600 x 600mm x 15mm (150 x 150)	1200 x 600mm x 20mm (1200 x 600)	1200 x 600mm x 15mm (1200 x 600)																																																																																																												
Bil.	i) TYPE OF OUTLET	Bil.																																																																																																													
1	Wall Mounted	1																																																																																																													
2	Bedhead Panel	2																																																																																																													
3	Medical Vacuum	3																																																																																																													
4	Medical Air - 4 bar	4																																																																																																													
5	Surgical Air - 7 bar	5																																																																																																													
6	Surgical Air - 10 bar	6																																																																																																													
7	Etonox	7																																																																																																													
8	Other	8																																																																																																													
ii) Type	Type	Qty																																																																																																													
Flourescent	v	4																																																																																																													
Downlight																																																																																																															
iii) Others	Type	Qty																																																																																																													
Night Light																																																																																																															
Emergency Light																																																																																																															
Stage Lighting																																																																																																															
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>Door 1</th> <th>Bil.</th> <th>Door 2</th> <th>Bil.</th> <th>Door 3</th> <th>Bil.</th> </tr> <tr> <td>P1Ho/KI</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.	P1Ho/KI	1						<table border="1"> <tr> <th>Sprinkler System</th> <th>Conceal type</th> <th>Sidewall</th> </tr> <tr> <td>v</td> <td></td> <td></td> </tr> <tr> <td>Pendant type</td> <td></td> <td></td> </tr> <tr> <td>Fire Extinguisher</td> <td></td> <td></td> </tr> <tr> <td>CO2 Portable</td> <td>DP portable</td> <td></td> </tr> <tr> <td>Fire Alarm</td> <td>Clean Agent</td> <td></td> </tr> <tr> <td>Smoke Detector</td> <td>Heat Detector</td> <td>Combine</td> </tr> <tr> <td>Alarm Bell</td> <td>Flashing Light</td> <td>Sounder</td> </tr> </table>				Sprinkler System	Conceal type	Sidewall	v			Pendant type			Fire Extinguisher			CO2 Portable	DP portable		Fire Alarm	Clean Agent		Smoke Detector	Heat Detector	Combine	Alarm Bell	Flashing Light	Sounder	<table border="1"> <tr> <th>Qty</th> <th>NOTES</th> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> </table>				Qty	NOTES	1		1		1		1		1																																																			
Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																																																																									
P1Ho/KI	1																																																																																																														
Sprinkler System	Conceal type	Sidewall																																																																																																													
v																																																																																																															
Pendant type																																																																																																															
Fire Extinguisher																																																																																																															
CO2 Portable	DP portable																																																																																																														
Fire Alarm	Clean Agent																																																																																																														
Smoke Detector	Heat Detector	Combine																																																																																																													
Alarm Bell	Flashing Light	Sounder																																																																																																													
Qty	NOTES																																																																																																														
1																																																																																																															
1																																																																																																															
1																																																																																																															
1																																																																																																															
1																																																																																																															
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT																																																																																																							
<table border="1"> <tr> <th>Code</th> <th>T1/23/C</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>Specification</th> <th>/</th> </tr> <tr> <td>Grille</td> <td></td> <td></td> <td>Restrictor 30"</td> <td></td> <td>Lockable Key</td> <td></td> </tr> <tr> <td>Low level window</td> <td></td> <td></td> <td>Restrictor 60"</td> <td></td> <td>Single glazing</td> <td></td> </tr> <tr> <td>High level window</td> <td></td> <td></td> <td>Insect Netting</td> <td></td> <td>Double glazing</td> <td></td> </tr> </table>				Code	T1/23/C	Bil.	Specification	/	Specification	/	Grille			Restrictor 30"		Lockable Key		Low level window			Restrictor 60"		Single glazing		High level window			Insect Netting		Double glazing		<table border="1"> <tr> <th>i) Ventilation</th> <th>Natural Vent</th> <th>Ceiling Fan</th> <th>v</th> </tr> <tr> <td>Mechanical Vent</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Air Extration - Mechanical Ventilation</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td>Non Ducted Exhaust</td> <td></td> <td></td> </tr> <tr> <td>Air Filtration</td> <td>Hepa Filters</td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Usage</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td>Office Hours</td> <td></td> <td></td> </tr> <tr> <td>24 Hours</td> <td>Extended Hours</td> <td></td> <td></td> </tr> </table>				i) Ventilation	Natural Vent	Ceiling Fan	v	Mechanical Vent				Air Extration - Mechanical Ventilation				Ducted Exhaust	Non Ducted Exhaust			Air Filtration	Hepa Filters			Normal Filters				Usage				Intermittent	Office Hours			24 Hours	Extended Hours			<table border="1"> <tr> <th>Normal</th> <th>Essential</th> <th>UPS</th> <th>Notes</th> </tr> <tr> <td>13 Amp Single</td> <td></td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td></td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1-phase</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> </tr> </table>				Normal	Essential	UPS	Notes	13 Amp Single				13 Amp Twin				15 Amp Single				230V Termination				Isolator				1-phase				3-phase				Others			
Code	T1/23/C	Bil.	Specification	/	Specification	/																																																																																																									
Grille			Restrictor 30"		Lockable Key																																																																																																										
Low level window			Restrictor 60"		Single glazing																																																																																																										
High level window			Insect Netting		Double glazing																																																																																																										
i) Ventilation	Natural Vent	Ceiling Fan	v																																																																																																												
Mechanical Vent																																																																																																															
Air Extration - Mechanical Ventilation																																																																																																															
Ducted Exhaust	Non Ducted Exhaust																																																																																																														
Air Filtration	Hepa Filters																																																																																																														
Normal Filters																																																																																																															
Usage																																																																																																															
Intermittent	Office Hours																																																																																																														
24 Hours	Extended Hours																																																																																																														
Normal	Essential	UPS	Notes																																																																																																												
13 Amp Single																																																																																																															
13 Amp Twin																																																																																																															
15 Amp Single																																																																																																															
230V Termination																																																																																																															
Isolator																																																																																																															
1-phase																																																																																																															
3-phase																																																																																																															
Others																																																																																																															
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM																																																																																																							
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Bil.		Bil.				<table border="1"> <tr> <th>Saluran Air</th> <th>Hot & Cold</th> <th>Bil.</th> </tr> <tr> <td>Cold Only</td> <td>v</td> <td></td> </tr> <tr> <td>RO Water</td> <td>Outlet</td> <td></td> </tr> <tr> <td>Special Drainage Requirement</td> <td></td> <td></td> </tr> <tr> <td>Grease Trap</td> <td>Neutralised Tank</td> <td></td> </tr> <tr> <td>Plaster Trap</td> <td>Other</td> <td></td> </tr> </table>				Saluran Air	Hot & Cold	Bil.	Cold Only	v		RO Water	Outlet		Special Drainage Requirement			Grease Trap	Neutralised Tank		Plaster Trap	Other		<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> </table>				Qty	Notes	1		1		1		1		1																																																																	
Bil.		Bil.																																																																																																													
Saluran Air	Hot & Cold	Bil.																																																																																																													
Cold Only	v																																																																																																														
RO Water	Outlet																																																																																																														
Special Drainage Requirement																																																																																																															
Grease Trap	Neutralised Tank																																																																																																														
Plaster Trap	Other																																																																																																														
Qty	Notes																																																																																																														
1																																																																																																															
1																																																																																																															
1																																																																																																															
1																																																																																																															
1																																																																																																															
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM																																																																																																							
								<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																																																																		
Qty	Notes																																																																																																														
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM																																																																																																							
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Bil.		Bil.								<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																																																												
Bil.		Bil.																																																																																																													
Qty	Notes																																																																																																														
A07. BUILT-IN FURNITURES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM																																																																																																							
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td>BK2</td> <td>1</td> <td></td> </tr> <tr> <td>BK3</td> <td>1</td> <td></td> </tr> <tr> <td>BK5</td> <td>2</td> <td></td> </tr> <tr> <td>BA4</td> <td>3</td> <td></td> </tr> <tr> <td>W2</td> <td>1</td> <td></td> </tr> </table>				Bil.		Bil.	BK2	1		BK3	1		BK5	2		BA4	3		W2	1		<table border="1"> <tr> <th>UTP</th> <th>STP</th> <th>Wifi</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				UTP	STP	Wifi				<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																																										
Bil.		Bil.																																																																																																													
BK2	1																																																																																																														
BK3	1																																																																																																														
BK5	2																																																																																																														
BA4	3																																																																																																														
W2	1																																																																																																														
UTP	STP	Wifi																																																																																																													
Qty	Notes																																																																																																														
A08. LABORATORY FURNITURES				C1. NETWORK POINTS				D8. DB. AUDIO VISUAL SYSTEM																																																																																																							
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Bil.		Bil.				<table border="1"> <tr> <th>Workstation</th> <th>Tablet</th> <th>Laptop/Notebook</th> </tr> <tr> <td>Type</td> <td>Qty</td> <td>Type</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Workstation	Tablet	Laptop/Notebook	Type	Qty	Type				<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty	Notes																																																																																			
Bil.		Bil.																																																																																																													
Workstation	Tablet	Laptop/Notebook																																																																																																													
Type	Qty	Type																																																																																																													
Qty	Notes																																																																																																														
A09. LOOSE FURNITURES				C2. TELEPHONE				D9. SECURITY SYSTEM																																																																																																							
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td>CHAIR</td> <td>3</td> <td></td> </tr> <tr> <td>TABLE</td> <td>1</td> <td></td> </tr> <tr> <td>FRIDGE</td> <td>1</td> <td></td> </tr> <tr> <td>OCCASIONAL CHAIR</td> <td>2</td> <td></td> </tr> </table>				Bil.		Bil.	CHAIR	3		TABLE	1		FRIDGE	1		OCCASIONAL CHAIR	2		<table border="1"> <tr> <th>Specification</th> <th>Type A</th> <th>Type B</th> <th>Type C</th> <th>Fax</th> </tr> <tr> <td>Quantity</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>Digital/Analog/VOIP</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Specification	Type A	Type B	Type C	Fax	Quantity			1		Digital/Analog/VOIP					<table border="1"> <tr> <th>Security System</th> <th>Notes</th> <th>Qty.</th> <th>Code No.</th> </tr> <tr> <td>A. CCTV System</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dome Camera</td> <td></td> <td></td> <td></td> </tr> <tr> <td>PTZ Camera</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Recorder/Decoder</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> </tr> </table>				Security System	Notes	Qty.	Code No.	A. CCTV System				Dome Camera				PTZ Camera				Monitor				Recorder/Decoder				Others																																													
Bil.		Bil.																																																																																																													
CHAIR	3																																																																																																														
TABLE	1																																																																																																														
FRIDGE	1																																																																																																														
OCCASIONAL CHAIR	2																																																																																																														
Specification	Type A	Type B	Type C	Fax																																																																																																											
Quantity			1																																																																																																												
Digital/Analog/VOIP																																																																																																															
Security System	Notes	Qty.	Code No.																																																																																																												
A. CCTV System																																																																																																															
Dome Camera																																																																																																															
PTZ Camera																																																																																																															
Monitor																																																																																																															
Recorder/Decoder																																																																																																															
Others																																																																																																															
A10. ACCESSORIES				C3. COMPUTER				E. MEDICAL & NON-MEDICAL EQUIPMENT REQUIREMENTS																																																																																																							
<table border="1"> <tr> <th>Floor Mounted / Wall Protection</th> <th>Curtain Track</th> </tr> <tr> <td>Cubical Track</td> <td>Blind</td> </tr> <tr> <td>IV Track</td> <td>Artworks</td> </tr> </table>				Floor Mounted / Wall Protection	Curtain Track	Cubical Track	Blind	IV Track	Artworks	<table border="1"> <tr> <th>Reporting Station</th> <th>Viewing Station</th> <th>Digitiser</th> </tr> <tr> <td>Qty</td> <td>Qty</td> <td>Qty</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Reporting Station	Viewing Station	Digitiser	Qty	Qty	Qty				<table border="1"> <tr> <th>Code</th> <th>GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL</th> </tr> <tr> <td>No.</td> <td>Supply & Install By Contractor As per Contract Document</td> </tr> </table>				Code	GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL	No.	Supply & Install By Contractor As per Contract Document																																																																																	
Floor Mounted / Wall Protection	Curtain Track																																																																																																														
Cubical Track	Blind																																																																																																														
IV Track	Artworks																																																																																																														
Reporting Station	Viewing Station	Digitiser																																																																																																													
Qty	Qty	Qty																																																																																																													
Code	GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL																																																																																																														
No.	Supply & Install By Contractor As per Contract Document																																																																																																														
A11. WALL TYPES				C4. PACS Workstation				Fixed Medical Equipment Related To Electrical																																																																																																							
<table border="1"> <tr> <th>Cavity Wall</th> <th>Single Wall</th> <th>Dry wall</th> <th>Curtain Wall</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Cavity Wall	Single Wall	Dry wall	Curtain Wall																					<table border="1"> <tr> <th>Workstation</th> <th>Tablet</th> <th>Laptop/Notebook</th> </tr> <tr> <td>Type</td> <td>Qty</td> <td>Type</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Workstation	Tablet	Laptop/Notebook	Type	Qty	Type				<table border="1"> <tr> <th>Item Code</th> <th>Item Description</th> <th>Qty.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Item Code	Item Description	Qty.																																																																
Cavity Wall	Single Wall	Dry wall	Curtain Wall																																																																																																												
Workstation	Tablet	Laptop/Notebook																																																																																																													
Type	Qty	Type																																																																																																													
Item Code	Item Description	Qty.																																																																																																													
A12. SANITARY WARES & FITTING				C5. PRINTERS				Fixed Medical Equipment Related To Mechanical																																																																																																							
<table border="1"> <tr> <th>Type</th> <th>Qty</th> <th>Qty</th> </tr> <tr> <td>Network Printer (A3) Colour</td> <td></td> <td></td> </tr> <tr> <td>Network Printer (A4) Black</td> <td></td> <td></td> </tr> <tr> <td>Network Printer (A4) Colour</td> <td></td> <td></td> </tr> </table>				Type	Qty	Qty	Network Printer (A3) Colour			Network Printer (A4) Black			Network Printer (A4) Colour			<table border="1"> <tr> <th>Reporting Station</th> <th>Viewing Station</th> <th>Digitiser</th> </tr> <tr> <td>Qty</td> <td>Qty</td> <td>Qty</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Reporting Station	Viewing Station	Digitiser	Qty	Qty	Qty				<table border="1"> <tr> <th>Item Code</th> <th>Item Description</th> <th>Qty.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Item Code	Item Description	Qty.																																																																												
Type	Qty	Qty																																																																																																													
Network Printer (A3) Colour																																																																																																															
Network Printer (A4) Black																																																																																																															
Network Printer (A4) Colour																																																																																																															
Reporting Station	Viewing Station	Digitiser																																																																																																													
Qty	Qty	Qty																																																																																																													
Item Code	Item Description	Qty.																																																																																																													
A13. OTHERS				C6. MISCELLANEOUS				GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL																																																																																																							
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Bil.		Bil.				<table border="1"> <tr> <th>Barcode Scanner</th> <th>Mykad Reader</th> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Flatbed Scanner</td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td>Wireless AP</td> </tr> </table>				Barcode Scanner	Mykad Reader			Flatbed Scanner	Info Kiosk	Video Conferencing	PC Trolley	UPS(600VA)	Wireless AP	<table border="1"> <tr> <th>Code</th> <th>GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL</th> </tr> <tr> <td>No.</td> <td>Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL	No.	Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)																																																																																
Bil.		Bil.																																																																																																													
Barcode Scanner	Mykad Reader																																																																																																														
Flatbed Scanner	Info Kiosk																																																																																																														
Video Conferencing	PC Trolley																																																																																																														
UPS(600VA)	Wireless AP																																																																																																														
Code	GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL																																																																																																														
No.	Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)																																																																																																														

KEMENTERIAN KESIHATAN MALAYSIA

JABATAN KERJA RAYA MALAYSIA

HOOT ARCHITECT

HOOT MECHANICAL

HOOT ELECTRIC

HOOT ICT

CLIENT

CAWANGAN ARKITEK, JKR MALAYSIA

CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA

CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA

CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA

BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

ROOM DATA : STAFF REST

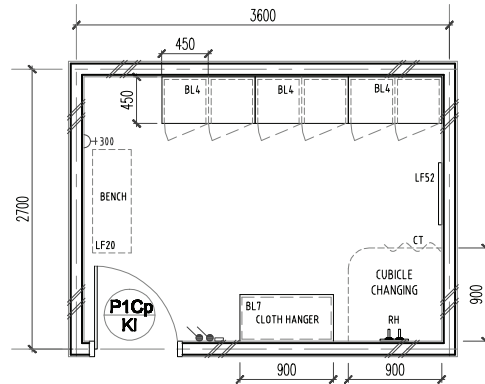
DRAWING NO. : JKR/CA/P-DRP/07/26/PEL 15/006/20

DATE :

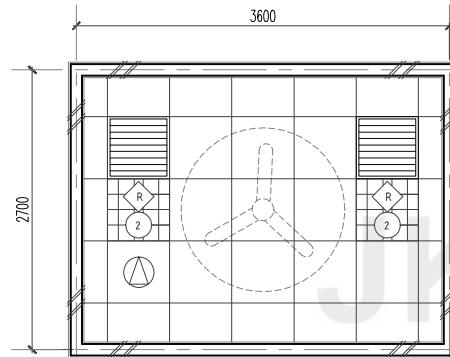
REVISION :

© 2017 Jabatan Kerja Raya Malaysia , Hak Cipta Terpelihara

44

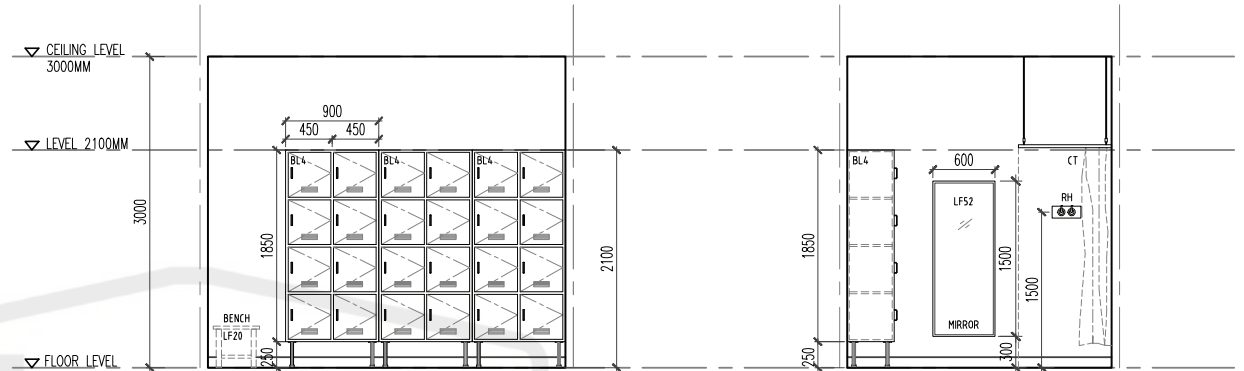


FLOOR PLAN



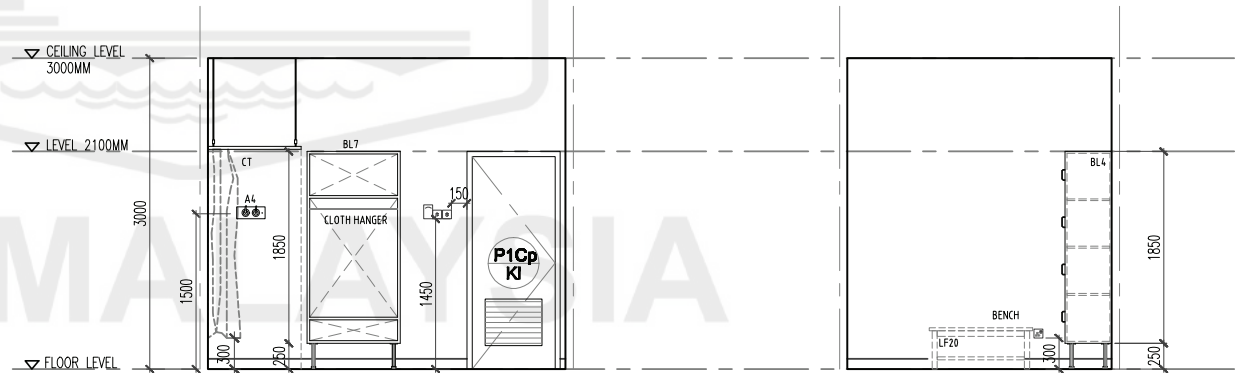
CEILING PLAN

ROOM CODE	
V1	SV
EMP	LGB1
MV	3M
10M ²	
AL	



VIEW A

VIEW B



VIEW C

VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	STAFF CHANGING	JKR/CA/P-DRP/07/26/PEL15/006/21
			DRAWING TYPE	REVISION
			PLAN & VIEW	
			DATE	SCALE
			NOV 2017	not to scale

46

FLOOR PLAN

CEILING PLAN

ROOM CODE	
V1	SV
EP	GB1/PO
FAN	3M
12.6M ²	
-	



VIEW A

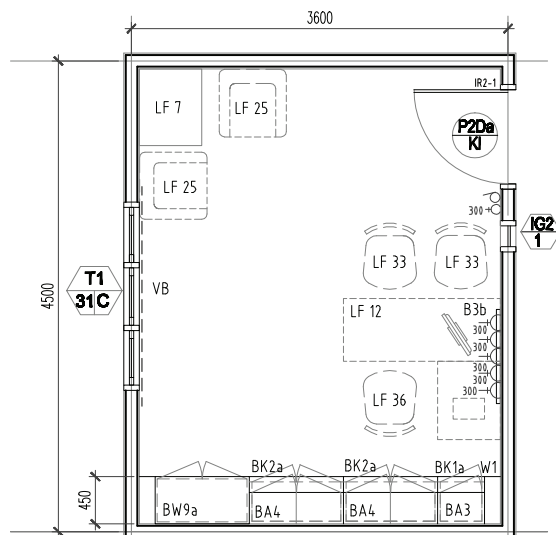
VIEW A | VIEW C

VIEW D

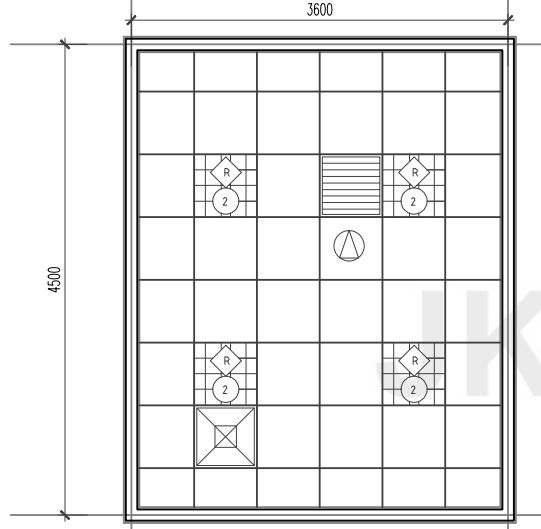
VIEW D

CUSTOMER	DESIGNER	TITLE	ROOM NAME	DRAWING NO.	
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DAY LOUNGE	JKR/CA/P-DRP/07/26/PEL15/006/22	
			DRAWING TYPE		PLAN & VIEW
			DATE	SCALE	REVISION
			NOV 2017	not to scale	

48

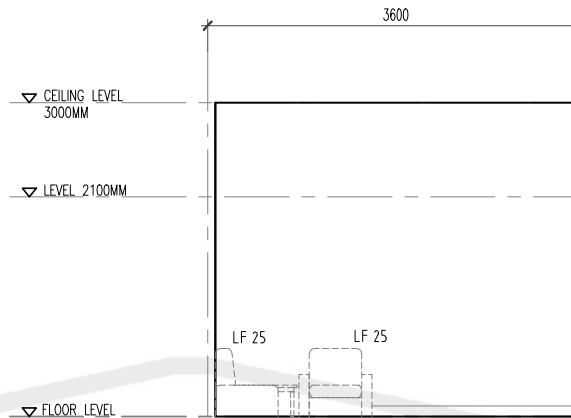


FLOOR PLAN

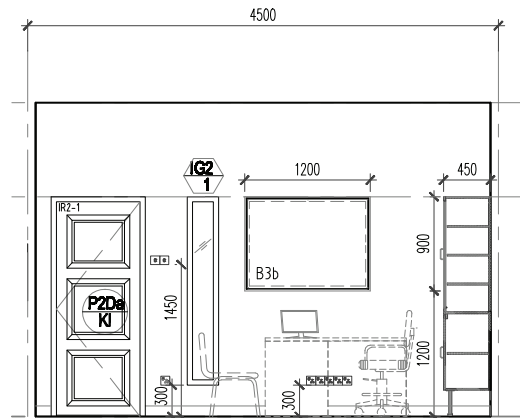


CEILING PLAN

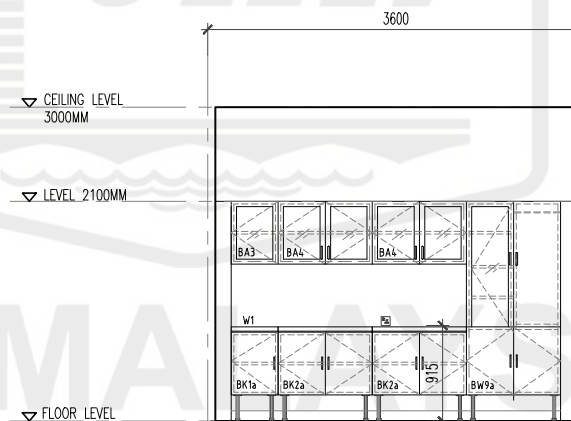
ROOM CODE	
V1	V1
EMP	GB1
A8	3M
16.20M ²	
-	



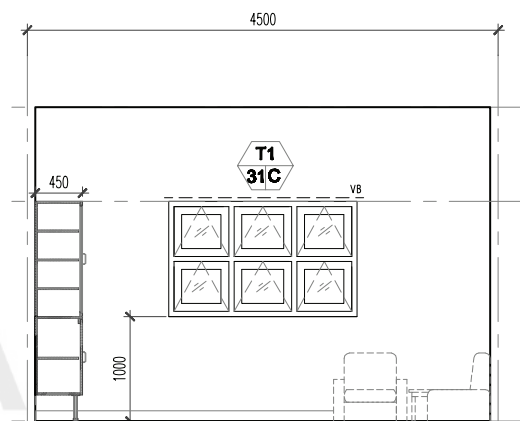
VIEW A



VIEW B



VIEW C

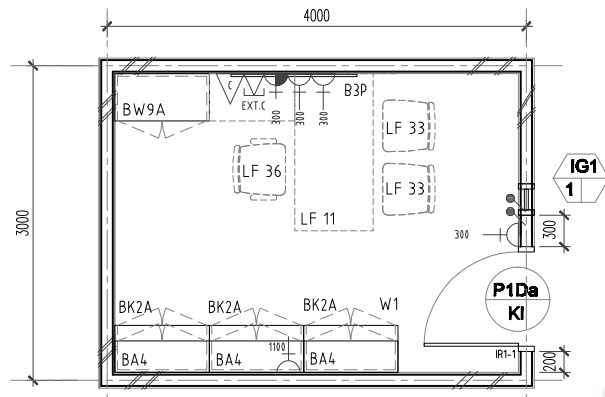


VIEW D

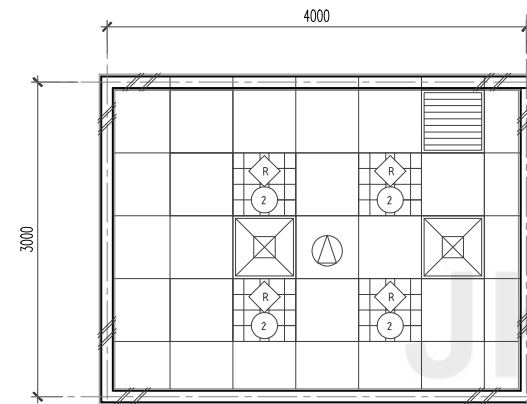
NOTE:
FLOOR FINISHES SELECTION
AS PER FINAL INTERACTION
WITH USER/CLIENT

CLIENT	DESIGNER	TITLE	ROOM NAME	HEAD OF DEPARTMENT (GRED 52 / 54)	DRAWING NO
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/23
KEMENTERIAN KESIHATAN MALAYSIA		JABATAN KERJA RAYA MALAYSIA	DATE	SCALE	REVISION
			NOV 2017	not to scale	

ROOM SIZE: 16 sqm ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: HEAD OF DEPARTMENT (GRED 52 / 54)		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES Wall EMP Ceiling GB1 Floor V1 Skirting V1				B1. MEDICAL GAS Bil. Bil. i) GAS PIPING Oxygen Nitrous Oxide Medical Vacuum Medical Air - 4 bar Surgical Air - 7 bar Surgical Air - 10 bar Etonox Other ii) TYPE OF OUTLET Wall Mounted Bedhead Panel Neonatal Workstation A&E Workstation				D1. LIGHTING REQUIREMENT i) Lighting Intensity Lux 300 ii) Type Fluorescent Downlight iii) Others Night Light Emergency Light Stage Lighting			
A02. DOOR Code Door 1 P2Da/Kl 1 Door 2 Bil. Door 3 Bil. Remarks DOOR ACCESSORIES Ironmongery IR1-1 Door Protection Push Plate Crash Plate Kick Plate Remarks				B2. FIRE FIGHTING Sprinkler System Conceal type Sidewall Fire Extinguisher CO2 Portable DP portable Fire Alarm Clean Agent Smoke Detector Heat Detector Combine Alarm Bell Flashing Light Sounder				D2. VENTILATION SYSTEM Qty NOTES Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others			
A03. WINDOW Window T1 /31 / C 1 Grille none Restrictor 30" Lockable Key Alike Single glazing High level window Insect Netting Double glazing Remarks				B3. VENTILATION SYSTEM i) Ventilation Mechanical Vent Natural Vent Ceiling Fan Air Extration - Mechanical Ventilation Ducted Exhaust Non Ducted Exhaust Air Filtration Normal Filters Hepa Filters Usage Intermitten Office Hours 24 Hours Extended Hours ii) Air Conditioning Room Temperature ID 74°F± 1°F Air Change Room Static Level (Pa) Y/N Air Filtration Normal Filters HEPA Filters iii) Air-conditioning (usage) Intermitten Office Hours 24 Hours Extended Hours				D3. POWER SOURCE Socket 13 Amp Single 4 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others			
A04. INTERNAL GLAZING Bil. Bil. IG 2 / 1 (frosted film glazing) 1				B4. WATER AND SANITARY REQUIREMENT Bil. Bil. SALURAN AIR Cold Hot RO Water Outlet Special Drainage Requirement Bil. Bil. Grease Trap Neutralised Tank Plaster Trap Other				D4. AUDIO SYSTEM Qty Notes PA SYSTEM Ceiling speaker 1 Volume Control 1 Box Speaker PA Rack Others			
A05. HATCH / PASS THROUGH COUNTER Bil. Bil. RS - BILIK KETUA JABATAN DC 1				B5. PNEUMATIC TUBE B6. SPECIAL REQUIREMENT				E. MEDICAL & NON MEDICAL EQUIPMENT REQUIREMENTS Code Qty No. GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL Supply & install By Contractor As per Contract Document			
A06. SIGNAGES Bil. Bil. RS - BILIK KETUA JABATAN DC 1				B6. SPECIAL REQUIREMENT				Fixed Medical Equipment Related To Electrical Item Codes Item Description Qty.			
A07. BUILT-IN FURNITURES Bil. Bil. BA3 1 BA4 2 BK1A 2 BK2A 2 BW9A 1 B3b 1				B6. SPECIAL REQUIREMENT				Code GROUP 4 - CONSUMABLES No. Others Detail/Equipment Item Code Item Description			
A08. LABORATORY FURNITURES Bil. Bil. LF 12 1 LF 36 1 LF 7 1 LF 33 2 LF 25 2				B6. SPECIAL REQUIREMENT				Code GROUP 4 - CONSUMABLES No. Others Detail/Equipment Item Code Item Description			
A09. LOOSE FURNITURES Bil. Bil. LF 12 1 LF 36 1 LF 7 1 LF 33 2 LF 25 2				B6. SPECIAL REQUIREMENT				Code GROUP 4 - CONSUMABLES No. Others Detail/Equipment Item Code Item Description			
A10. ACCESSORIES Floor Mounted / Wall Protection Cubical Track IV Track Curtain Track Blind (VB) Artworks				C. IT REQUIREMENTS C1. NETWORK POINTS 1 UTP STP Wifi C2. TELEFON Specification Type A Type B Type C Fax Quantity 1 Digital/Analog/VOIP C3. COMPUTER Workstation Tablet Laptop/Notebook Type Qty Type Type Qty C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty Qty Qty C5. PRINTERS Type Qty Local Printer (A4) Black Local Printer (A4) Colour 1 Network Printer (A4) Black Barcode Printer Network Printer (A4) Colour				D5. MATV SYSTEM Qty Notes Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others			
A11. WALL TYPES Bil. Bil. Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				C. IT REQUIREMENTS C1. NETWORK POINTS 1 UTP STP Wifi C2. TELEFON Specification Type A Type B Type C Fax Quantity 1 Digital/Analog/VOIP C3. COMPUTER Workstation Tablet Laptop/Notebook Type Qty Type Type Qty C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty Qty Qty C5. PRINTERS Type Qty Local Printer (A4) Black Local Printer (A4) Colour 1 Network Printer (A4) Black Barcode Printer Network Printer (A4) Colour				D6. DIGITAL CALLING SYSTEM Qty Notes Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others			
A12. SANITARY WARES & FITTING Bil. Bil. Workstation Tablet Laptop/Notebook Type Qty Type Type Qty C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty Qty Qty C5. PRINTERS Type Qty Local Printer (A4) Black Local Printer (A4) Colour 1 Network Printer (A4) Black Barcode Printer Network Printer (A4) Colour				C. IT REQUIREMENTS C1. NETWORK POINTS 1 UTP STP Wifi C2. TELEFON Specification Type A Type B Type C Fax Quantity 1 Digital/Analog/VOIP C3. COMPUTER Workstation Tablet Laptop/Notebook Type Qty Type Type Qty C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty Qty Qty C5. PRINTERS Type Qty Local Printer (A4) Black Local Printer (A4) Colour 1 Network Printer (A4) Black Barcode Printer Network Printer (A4) Colour				D7. NURSE CALL SYSTEM Qty Notes A. PATIENT Cord Light Intercom/speech Pull Cord Cord Blue B. STAFF Light Display Console Others			
A13. OTHERS Bil. Bil. Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				C6. MISCELLANEOUS Qty Qty Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				D8. AUDIO VISUAL SYSTEM Qty Notes LCD Projector Projector Screen Microphone Speaker AV Rack Others			
A13. OTHERS Bil. Bil. Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				C6. MISCELLANEOUS Qty Qty Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				D8. AUDIO VISUAL SYSTEM Qty Notes LCD Projector Projector Screen Microphone Speaker AV Rack Others			
A13. OTHERS Bil. Bil. Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				C6. MISCELLANEOUS Qty Qty Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				D8. AUDIO VISUAL SYSTEM Qty Notes LCD Projector Projector Screen Microphone Speaker AV Rack Others			
A											

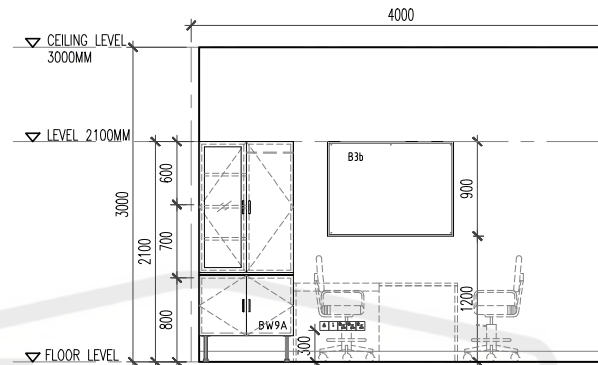


FLOOR PLAN

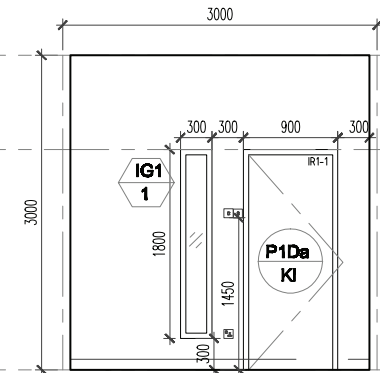


CEILING PLAN

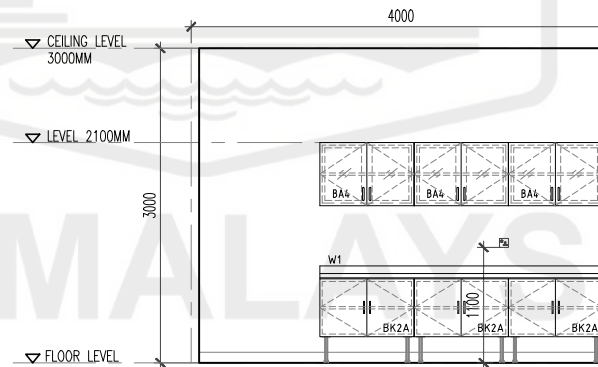
ROOM CODE	
V2	SV
EP	GB1
AC	3000
8h/24h	
12.00 (M²)	
A.L 0.00	



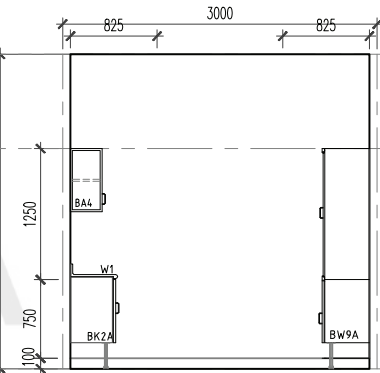
VIEW A



VIEW B



VIEW C

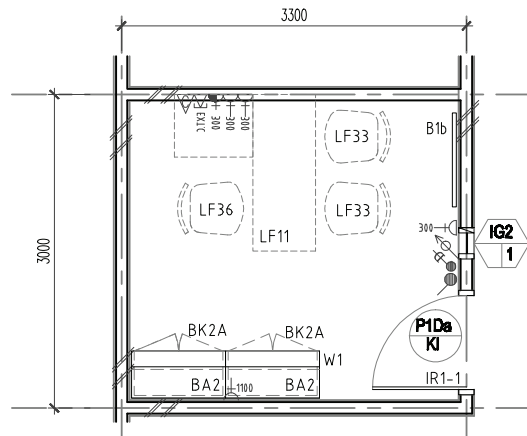


VIEW D

NOTA:
- ALL DOORS MUST HAVE DOOR CLOSER EXCEPT MAE ROOMS.
- ROOM TO INCLUDE FIXED GLASS PANEL IF THERE'S NO WINDOW

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DOCTOR / M.O.'s OFFICE	JKR/CA/P-DRP/07/26/PEL15/006/24
			DRAWING TYPE	REVISION
			PLAN & VIEW	
			DATE	SCALE
			NOV 2017	not to scale

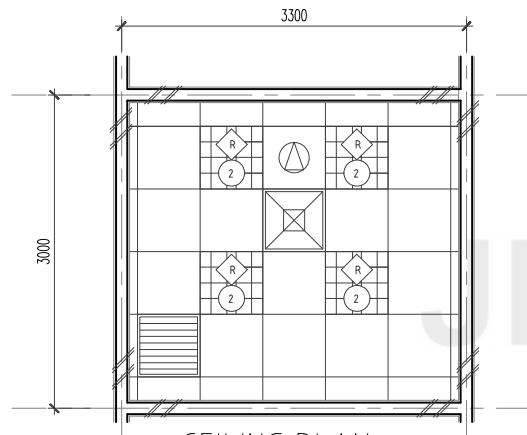
[illegible]



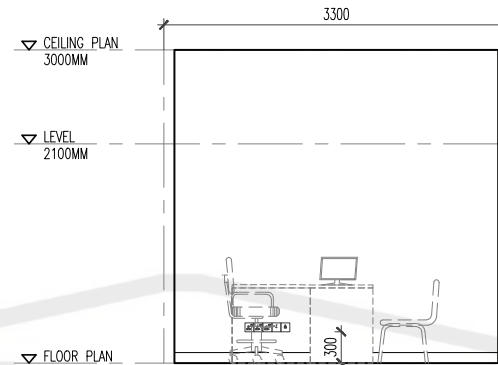
FLOOR PLAN



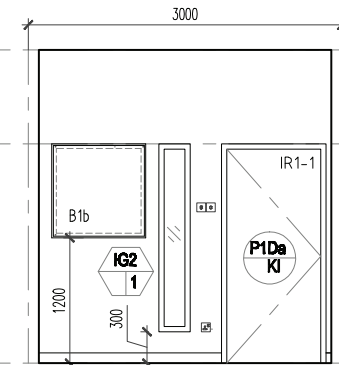
ROOM CODE	
V1	SV
EMP	GB1
A/C8	3000
10.00sqm	



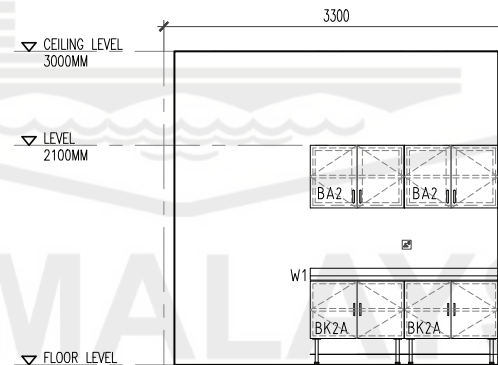
CEILING PLAN



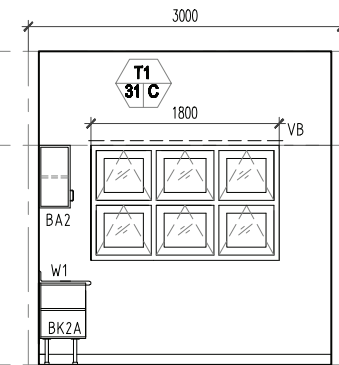
VIEW A



VIEW B



VIEW C

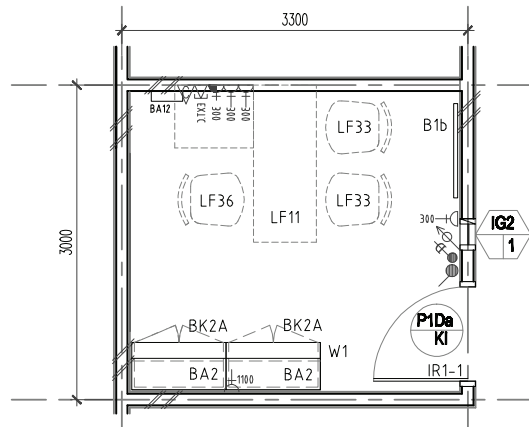


VIEW D

NOTA:
- ALL DOORS MUST HAVE DOOR CLOSER EXCEPT MAE ROOMS.
- ROOM TO INCLUDE FIXED GLASS PANEL IF THERE'S NO WINDOW

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	MATRON'S OFFICE	JKR/CA/P-DRP/07/26/PEL15/006/25
			DRAWING TYPE	REVISION
			PLAN & VIEW	
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

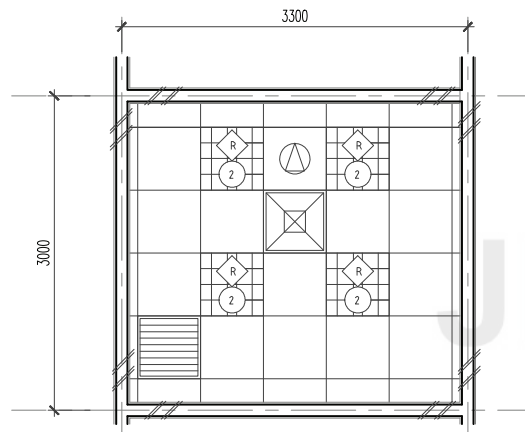
ROOM SIZE: 10 sqm ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME:		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GAS				D1. LIGHTING REQUIREMENT			
Wall EMP Ceiling GB1 Floor V1 Skirting SV Code P1Da/KI 1 Remarks DOOR ACCESSORIES Ironmongery Door Protection Push Plate Crash Plate Kick Plate Remarks				i) GAS PIPING Bil. ii) TYPE OF OUTLET Bil. Oxygen Wall Mounted Nitrous Oxide Bedhead Panel Medical Vacuum Medical Pendant Medical Air - 4 bar Neonatal Workstation Surgical Air - 7 bar A&E Workstation Surgical Air - 10 bar Etionox Others				i) Lighting Intensity Notes Lux 300 ii) Type Type Qty Fluorescent / 4 Downlight iii) Others Type Qty Emergency Light Stage Lighting			
A02. DOOR				B2. FIRE FIGHTING				D2. VENTILATION SYSTEM			
Door 1 Bil. Door 2 Bil. Door 3 Bil. Code Remarks				Sprinkler System v Pendant type 1 Conceal type Sidewall Fire Extinguisher CO2 Portable DP portable Fire Alarm Clean Agent Smoke Detector Heat Detector Combine Alarm Bell Flashing Light Sounder				Qty NOTES Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others			
A03. WINDOW				B3. VENTILATION SYSTEM				D3. POWER SOURCE			
Window Bil. Specification / specification / Code Grille Restrictor 30" Lockable Key Alike Low level window Restrictor 60" Single glazing High level window Insect Netting Double glazing Remarks				i) Ventilation Mechanical Vent Natural Vent Ceiling Fan Air Extration - Mechanical Ventilation Ducted Exhaust Non Ducted Exhaust Air Filtration Normal Filters Hepa Filters Usage Intermittent Office Hours 24 Hours Extended Hours				Socket Normal Essential UPS Notes 13 Amp Single 4 1 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others			
A04. INTERNAL GLAZING				B4. WATER AND SANITARY REQUIREMENT				D4. AUDIO SYSTEM			
Bil. Bil. IG2/I (with frosted film) 1				SALURAN AIR Bil. Bil. Cold Only Hot & Cold RO Water Outlet Special Drainage Requirement Bil. Bil. Grease Trap Neutralised Tank Plaster Trap Other				Qty Notes PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others			
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM			
				B6. SPECIAL REQUIREMENT				Qty Notes Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others			
A06. SIGNAGES				C. IT REQUIREMENTS				D6. DIGITAL CALLING SYSTEM			
Bil. Bil. RS - BILIK MATRON DC				CL. NETWORK POINTS UTP STP Wifi 1				Qty Notes Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others			
A07. BUILT-IN FURNITURES				C2. TELEFON				D7. NURSE CALL SYSTEM			
Bil. Bil. BA2 BK2a 2 B1b 1				Specification Type A Type B Type C Fax Quantity Digital/Analog/VOIP 1				Qty Notes Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others			
A08. LABORATORY FURNITURES				C3. COMPUTER				D8. AUDIO VISUAL SYSTEM			
Bil. Bil. LF 33 2 LF 11 1 LF 36 1				Workstation Tablet Laptop/Notebook Type Qty Type Type Qty 1				Qty Notes LCD Projector Projector Screen Microphone Speaker AV Rack Others			
A09. LOOSE FURNITURES				C4. PACS Workstation				D9. SECURITY SYSTEM			
Bil. Bil. LF 33 2 LF 11 1 LF 36 1				Reporting Station Viewing Station Digitiser Qty Qty Qty				Notes Security System CCTV System Dome Camera PTZ Camera Monitor Recorder/Decoder Others			
A10. ACCESSORIES				C5. PRINTERS				E. MEDICAL & NON MEDICAL EQUIPMENT REQUIREMENTS			
Floor Mounted / Wall Protection Cubical Track IV Track Blind Artworks				Type Qty Network Printer (A3) Colour Local Printer (A4) Black 1 Network Printer (A4) Black Network Printer (A4) Colour Barcode Printer				Code GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRIC Qty No. Supply & Install By Contractor As per Contract Document			
A11. WALL TYPES				C6. MISCELLANEOUS				F. REMARKS			
Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				Qty Qty Barcode Scanner Mykad Reader Flatbed Scanner Info Kiosk Video Conferencing PC Trolley UPS(600VA) 1 Wireless AP				Item Notes Qty Fixed Medical Equipment Related To Electrical Item Codes Notes Qty Fixed Medical Equipment Related To Mechanical Item Notes Qty Others Item Notes Qty			
A12. SANITARY WARES & FITTING				D9. SECURITY SYSTEM				GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRIC			
Bil. Bil. Remarks				Qty Qty Barcode Scanner Mykad Reader Flatbed Scanner Info Kiosk Video Conferencing PC Trolley UPS(600VA) 1 Wireless AP				Code GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRIC Qty No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital) Item Notes Qty			
A13. OTHERS				D9. SECURITY SYSTEM				GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRIC			
Bil. Bil. Remarks				Qty Qty Barcode Scanner Mykad Reader Flatbed Scanner Info Kiosk Video Conferencing PC Trolley UPS(600VA) 1 Wireless AP				Code GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRIC Qty No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital) Item Notes Qty			
 KEMENTERIAN KESIHATAN MALAYSIA		 JABATAN KERJA RAYA MALAYSIA		HODT ARCHITECT : CAWANGAN ARKITEK, JKR MALAYSIA		HODT MECHANICAL : CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA		HODT ELECTRIC : CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		HODT ICT : CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA	
				CLIENT BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA		ROOM NAME : MATRON'S OFFICE DRAWING NO. : JKR/CA/P-DPP/07/26/PEL15/006/25 DATE © 2017 Jabatan Kerja Raya Malaysia , Hak Cipta Terpelihara					



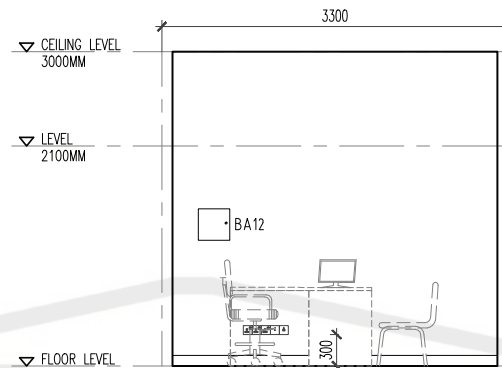
FLOOR PLAN



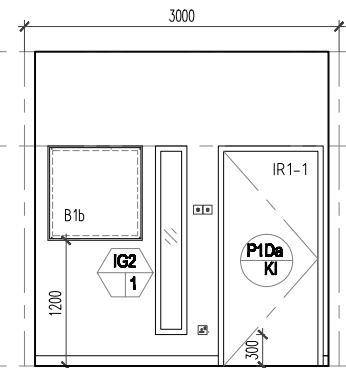
ROOM CODE	
V1	SV
EMP	GB1
A/C8	3000
10.00sqm	
-	



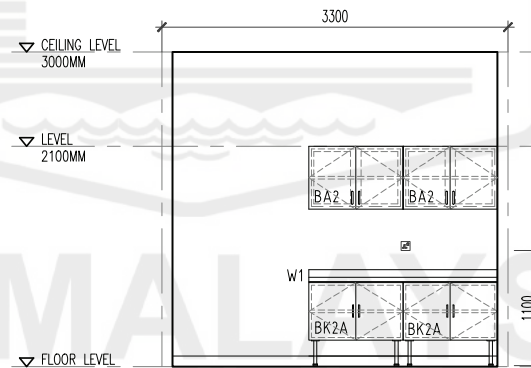
CEILING PLAN



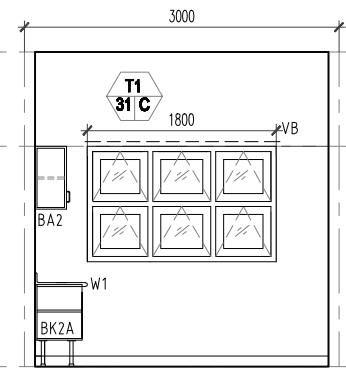
VIEW A



VIEW B



VIEW C

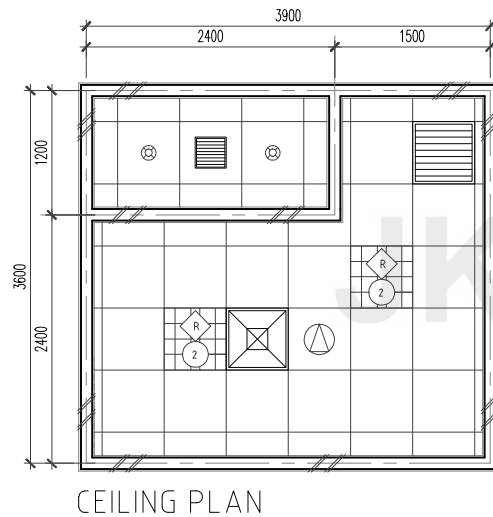
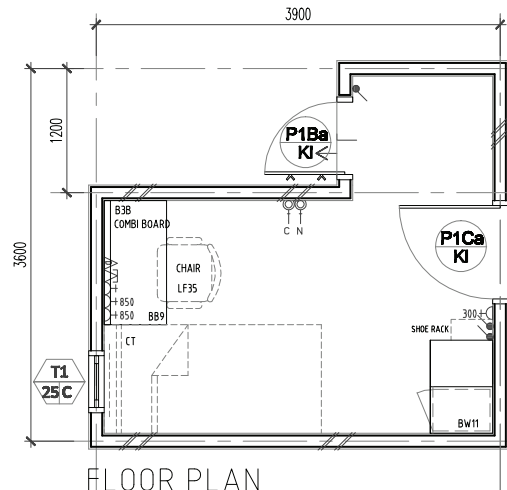


VIEW D

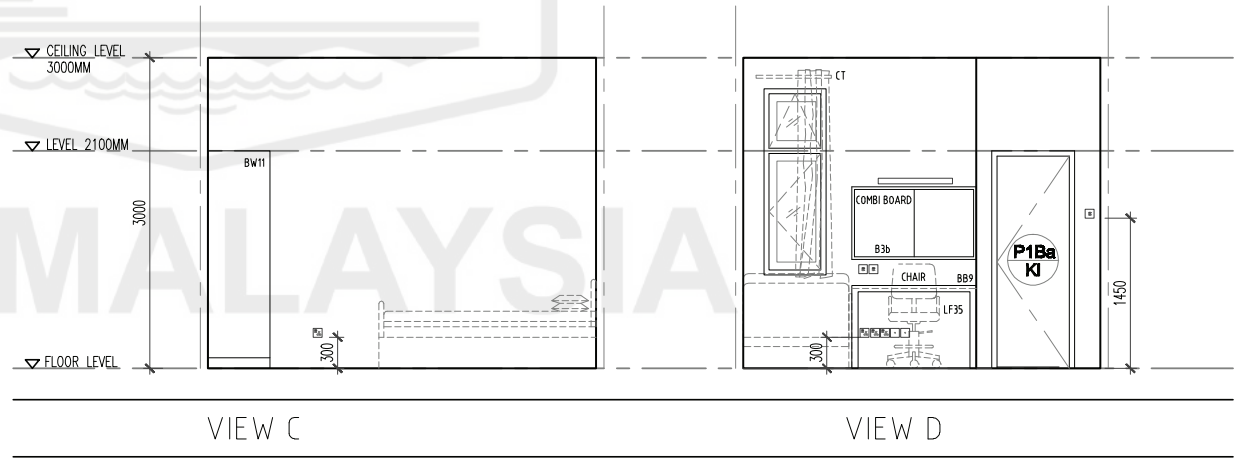
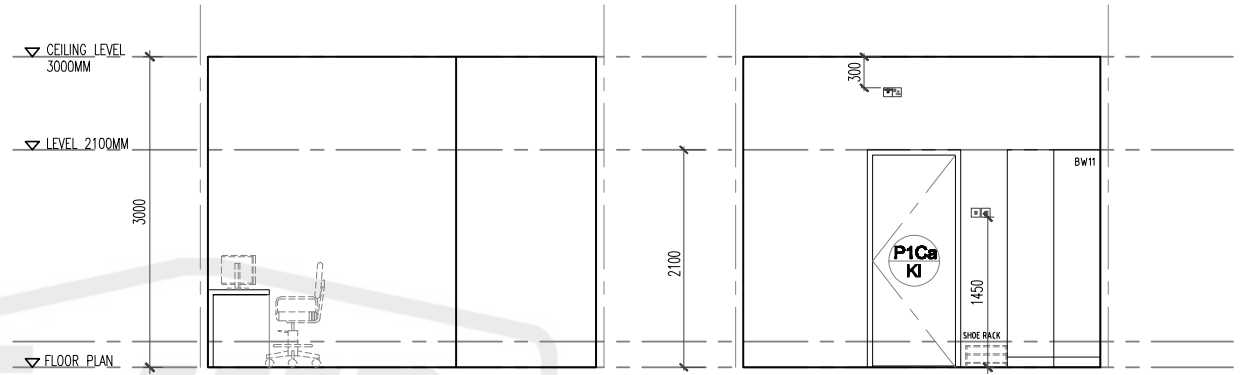
NOTE:
- ALL DOORS MUST HAVE DOOR CLOSER EXCEPT M&E ROOMS.
- ROOM TO INCLUDE FIXED GLASS PANEL IF THERE'S NO WINDOW

CLIENT  KEMENTERIAN KESIHATAN MALAYSIA	DESIGNER	TITLE	ROOM NAME	SISTER'S OFFICE	DRAWING NO												
	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/26												
			DATE	SCALE	REVISION												
			NOV 2017	not to scale													

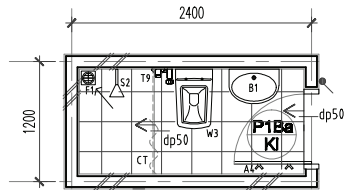
[illegible]



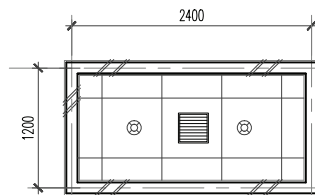
ROOM CODE	
V1	SV
EMP	LGB1
AC24	3M
11M2	



CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.	
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	ON CALL ROOM WITH TOILET	JKR/CA/P-DRP/07/26/PEL15/006/27-1	
			DRAWING TYPE	PLAN & VIEW	
			DATE	SCALE	REVISION
			NOV 2017	not to scale	



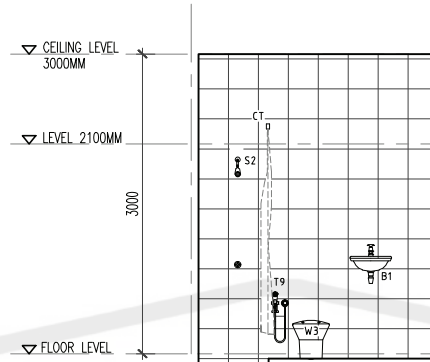
FLOOR PLAN



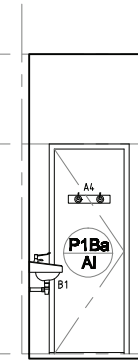
CEILING PLAN



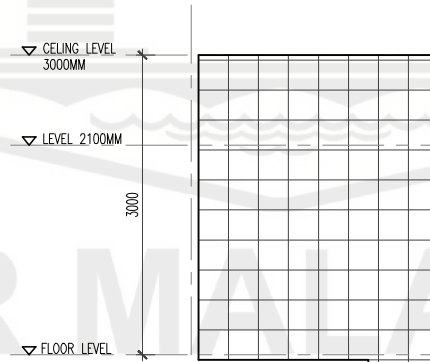
ROOM CODE	
HT5	-
WCT3	LGB1
MV	3M
	3M2



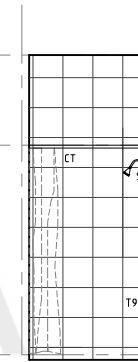
VIEW A



VIEW B



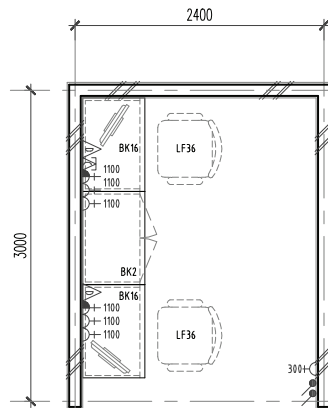
VIEW C



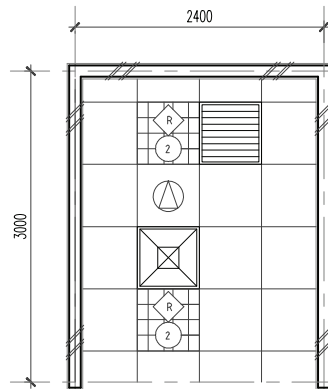
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	ON CALL ROOM WITH TOILET	JKR/CA/P-DRP/07/26/PEL15/006/27-2
			DRAWING TYPE	REVISION
			DATE NOV 2017	SCALE not to scale

ROOM SIZE: 12 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: ON CALL ROOM WITH TOILET		*ROOM CODE:							
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS							
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION							
Wall (Door: Plaster & Emulsion Paint (SE) - 400mm x 600mm x 8mm thick, PVC Laminated Gypsum Board (240) Ceiling Floor Skirting (100mm High Vinyl skirting to match)				IGAS PIPING Bil. ii) TYPE OF OUTLET Bil. Oxygen Nitrous Oxide Medical Vacuum Medical Air - 4 bar Surgical Air - 7 bar Surgical Air - 10 bar Etonox Other				i) Lighting Intensity Lux Type Qty Fluorescent v 2 2 WAY SWITCH Downlight v 2 for toilet (150lux) READING LIGHT (WALL TYPE) 1 iii) Others Type Qty Night Light Emergency Light Stage Lighting							
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM							
Code Door 1 Bil. Door 2 Bil. Door 3 Bil. Grille Remarks DOOR ACCESSORIES Ironmongery Door Protection Push Plate Crash Plate Kick Plate Remarks				Sprinkler System v Pendant type v Conceal type Sidewall Fire Extinguisher CO2 Portable Fire Alarm Smoke Detector Alarm Bell				Qty NOTES Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others							
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT							
Code Grille Low level window High level window Remarks				i. Ventilation Mechanical Vent Natural Vent Ceiling Fan Air Extraction - Mechanical Ventilation Ducted Exhaust Non Ducted Exhaust Air Filtration Hepa Filters Usage Intermittent Office Hours 24 Hours Extended Hours ii) Air Conditioning Room Temperature °C 74°F ± 1° Air Change Relative Humidity (%) 55±5 Room Static Level (Pa) Permissible Noise Level (nc) Total Exhaust Air Filtration Normal Filters v HEPA Filters iii) Air-conditioning (usage) Intermittent v Office Hours 24 Hours Extended Hours				Normal Essential UPS Notes 13 Amp Single 3 1 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others							
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM							
Code Grille Low level window High level window Remarks				SALURAN AIR Bil. Hot & Cold Bil. Cold Only 4 1 RO Water Special Drainage Requirement Bil. Grease Trap Plaster Trap Other				Qty Notes PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others							
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM							
								Qty Notes Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others							
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM							
								Qty Notes Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others							
A07. BUILT-IN FURNITURES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM							
BW11 1 Chair Study/working Table Bed Shoe Mirror				C1. NETWORK POINTS UTP STP Wifi 1 C2. TELEPHONE Specification Type A Type B Type C Fax Quantity 1 Digital/Analog/VOIP C3. COMPUTER Workstation Tablet Laptop/Notebook Type Qty Type Type Qty C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty Qty Qty C5. PRINTERS Type Qty Local Printer (A4) Black Network Printer (A4) Black Local Printer (A4) Colour Network Printer (A4) Colour Barcode Printer				Qty Notes Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others							
A08. LABORATORY FURNITURES				C6. MISCELLANEOUS				D8. DB. AUDIO VISUAL SYSTEM							
				Qty Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				Qty Notes LCD Projector Projector Screen Microphone Speaker AV Rack Others							
A09. LOOSE FURNITURES								E. MEDICAL & NON-MEDICAL EQUIPMENT REQUIREMENTS							
								Code GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL AND ELECTRICAL No. Supply & Install By Contractor As per Contract Document							
A10. ACCESSORIES								Fixed Medical Equipment Related To Electrical							
Floor Mounted / Wall Protection Cubical Track IV Track								Item Code Item Description Qty. PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others							
A11. WALL TYPES								Fixed Medical Equipment Related To Mechanical							
Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others								Item Code Item Description Qty. Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others							
A12. SANITARY WARES & FITTING								Others							
								Item Notes Qty. Card reader w keypad Card reader w door release Intercom Intercom w door release Call bell Video Intercom Video Intercom w d/release Others							
A13. OTHERS								GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL AND ELECTRICAL							
								Code No. Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital) Item Notes Qty.							
								Note: * to be fill based on project							
 KEMENTERIAN KESIHATAN MALAYSIA		 JABATAN KERJA RAYA MALAYSIA		HODT ARCHITECT CAWANGAN ARKITEK, JKR MALAYSIA		HODT MECHANICAL CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA		HODT ELECTRIC CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		HODT ICT CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		CLIENT BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA		ROOM DATA : ON CALL ROOM WITH TOILET DRAWING NO. : JKR/CA/P-DRP/07/26/PEL 15/006/27-1 DATE : REVISION : © 2017 Jabatan Kerja Raya Malaysia , Hak Cipta Terpelihara	

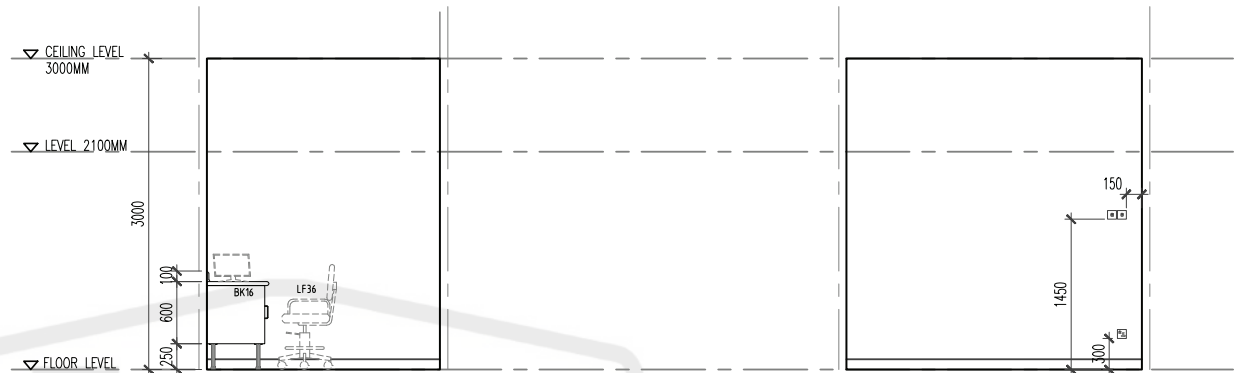


FLOOR PLAN



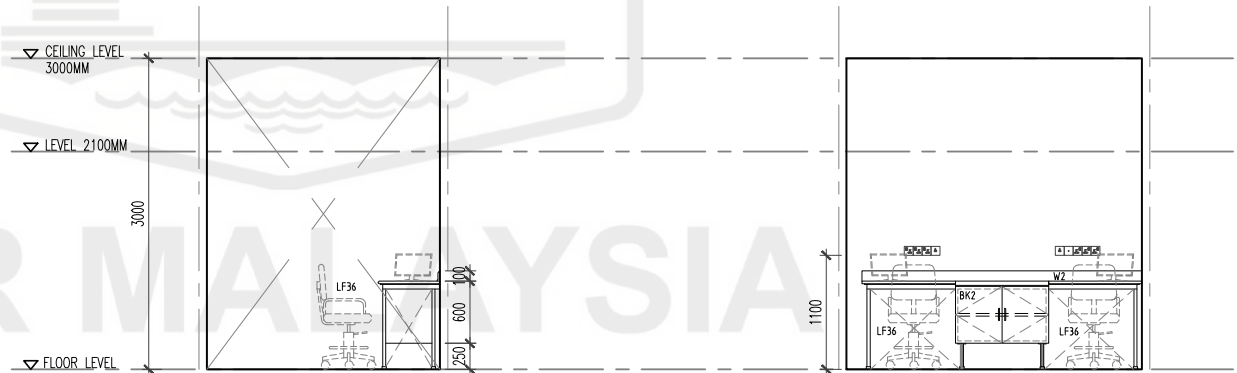
CEILING PLAN

ROOM CODE	
V1	SV
EMP	LGB1
AC8	3M
	7M ²
	AL



VIEW A

VIEW B

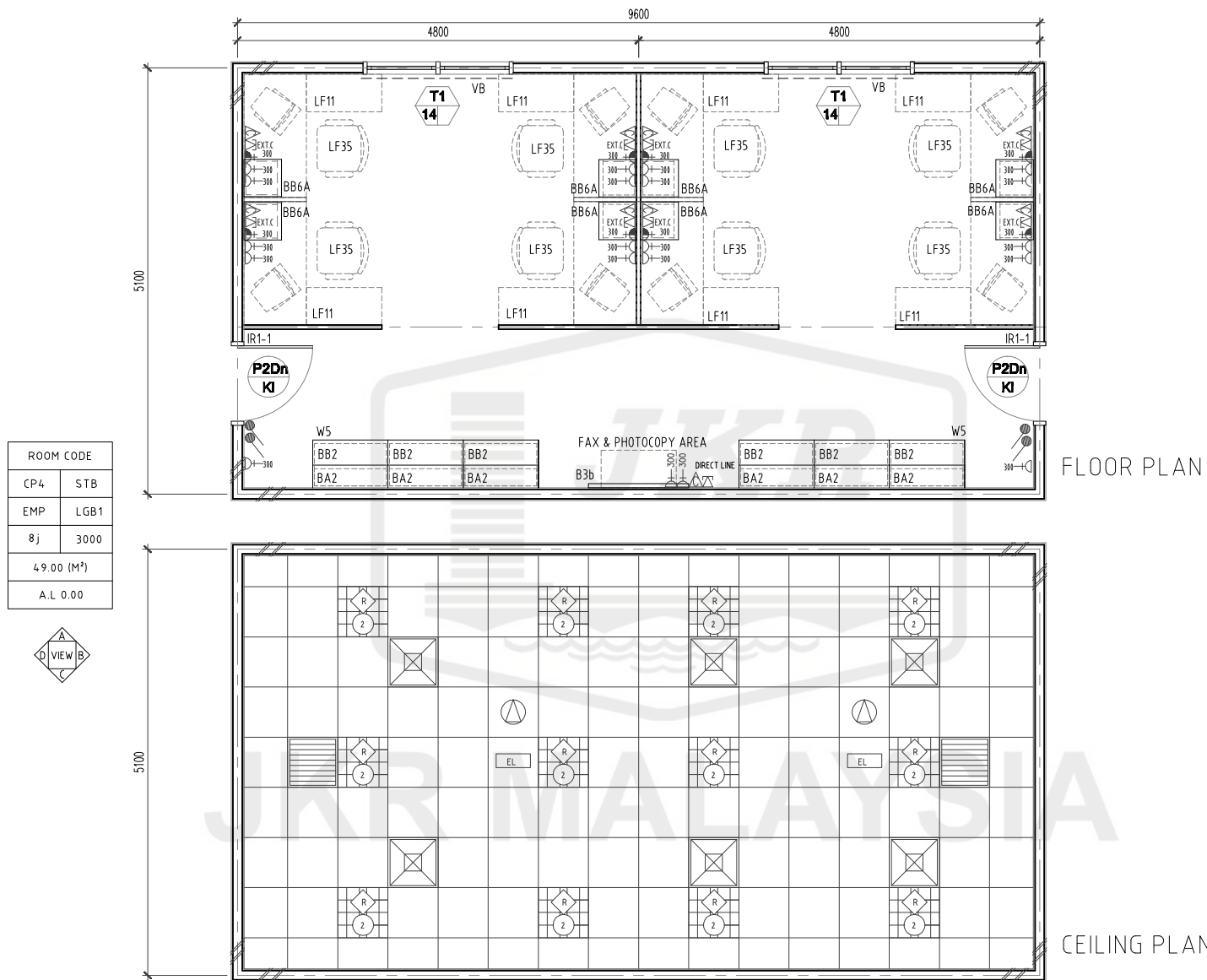


VIEW C

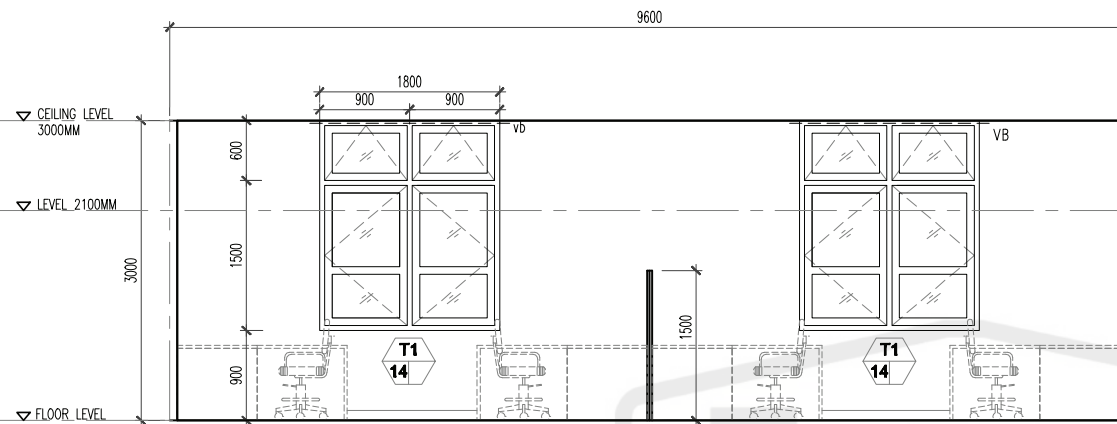
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.	
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DOCTOR'S WRITE UP AREA	JKR/CA/P-DRP/07/26/PEL15/006/28	
			DRAWING TYPE	REVISION	
			DATE	SCALE	
			NOV 2017	not to scale	

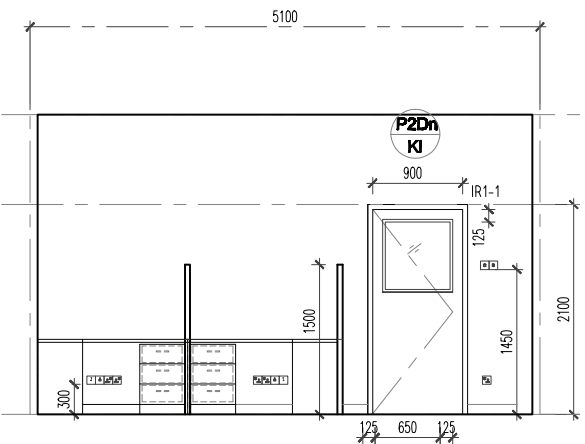
[illegible]



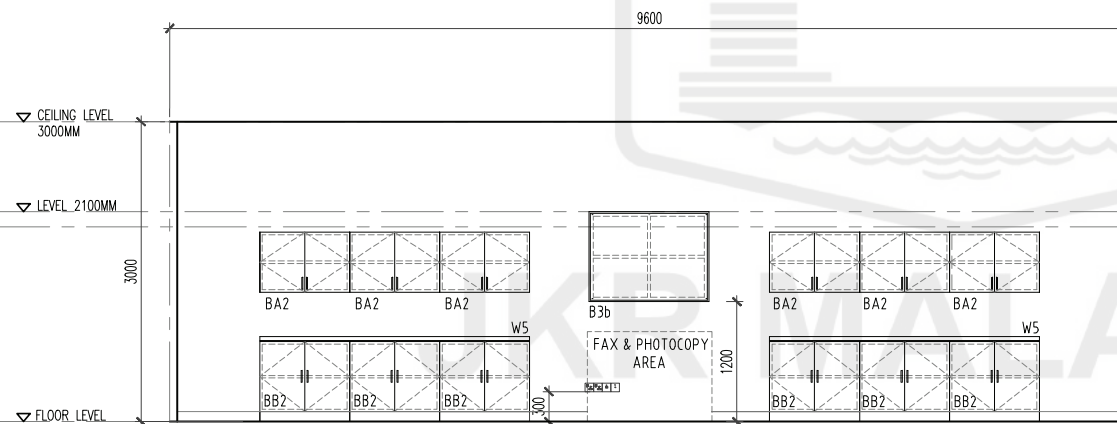
CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	GENERAL OFFICE (8 PAX)	JKR/CA/P-DRP/07/26/PEL15/006/29-1
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	



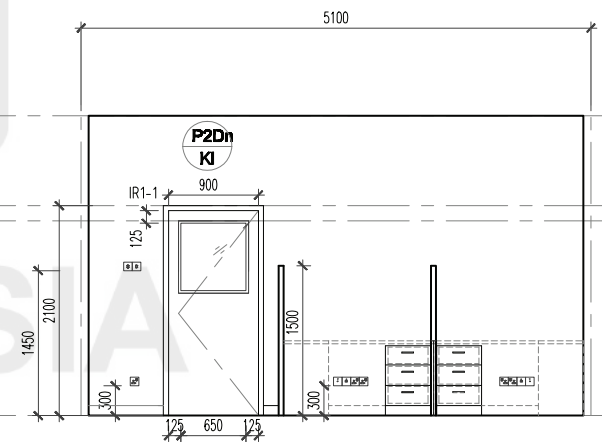
VIEW A



VIEW B



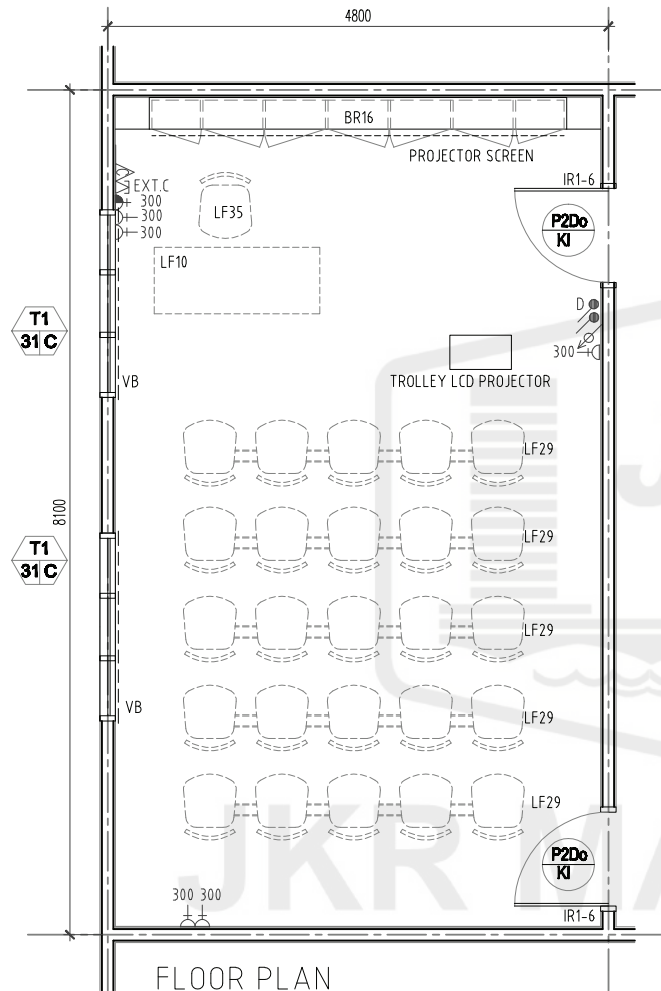
VIEW C



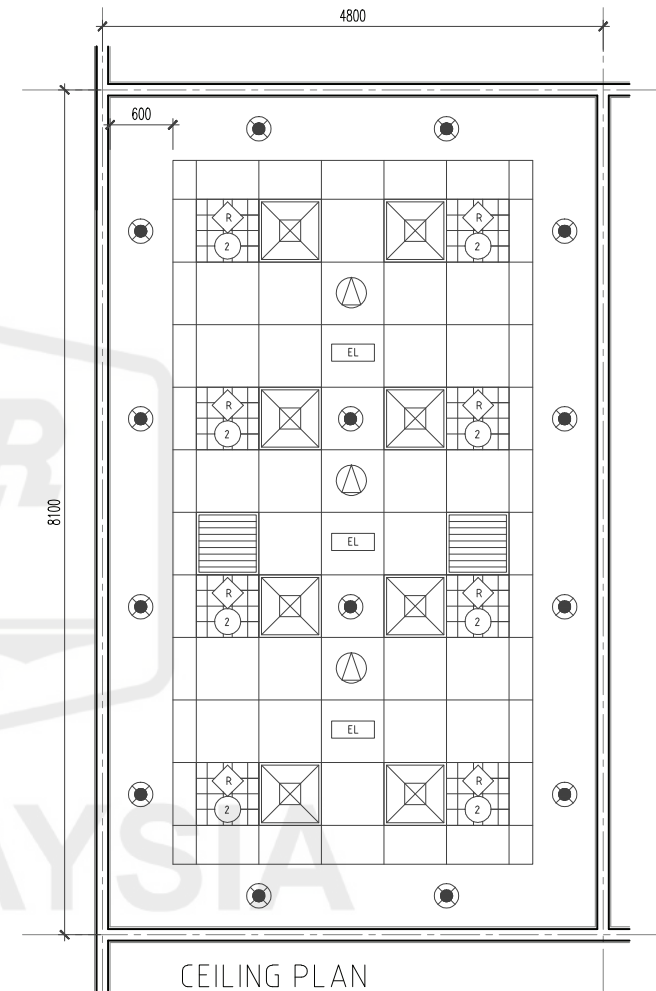
VIEW D

CLIENT	DESIGNER	TITLE	ROOM NAME	GENERAL OFFICE (8 PAX)	DRAWING NO
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	VIEW	JKR/CA/P-DRP/07/26/PEL15/006/29-2
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	REVISION
			NOV 2017	not to scale	

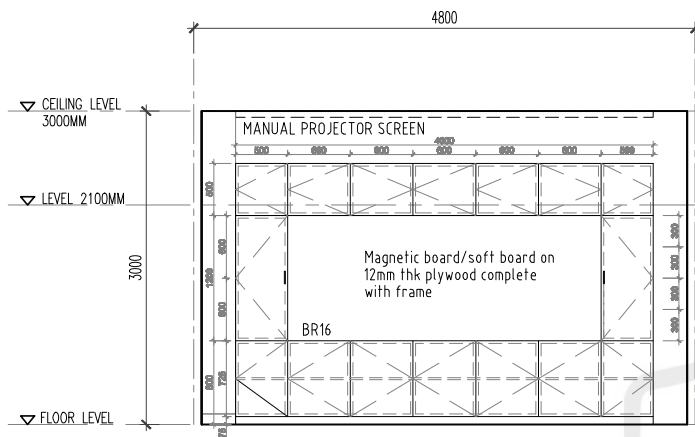
ROOM SIZE: 49 sqm ²				OCCUPANCY LOAD:				*DEPARTMENT:				ROOM NAME: GENERAL OFFICE (8 PAX)				*ROOM CODE:																																																																																																														
A. ARCHITECTURAL REQUIREMENTS								B. MECHANICAL REQUIREMENTS								D. ELECTRICAL REQUIREMENTS																																																																																																														
A01. FINISHES								B1. MEDICAL GAS								D1. LIGHTING REQUIREMENT																																																																																																														
<table border="1"> <tr> <th>Wall</th> <th>CEILING</th> <th>Floor</th> <th>Skirting</th> </tr> <tr> <td>EMP</td> <td>LGB1</td> <td>CP4</td> <td>STB</td> </tr> </table>								Wall	CEILING	Floor	Skirting	EMP	LGB1	CP4	STB	<table border="1"> <tr> <th>i) TYPE OF OUTLET</th> <th>Bil.</th> </tr> <tr> <td>Oxygen</td> <td>Wall Mounted</td> </tr> <tr> <td>Nitrous Oxide</td> <td>Bedhead Panel</td> </tr> <tr> <td>Medical Vacuum</td> <td>Medical Pendant</td> </tr> <tr> <td>Medical Air - 4 bar</td> <td>Neonatal Workstation</td> </tr> <tr> <td>Surgical Air - 7 bar</td> <td>A&E Workstation</td> </tr> <tr> <td>Surgical Air - 10 bar</td> <td></td> </tr> <tr> <td>Etonox</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> </table>								i) TYPE OF OUTLET	Bil.	Oxygen	Wall Mounted	Nitrous Oxide	Bedhead Panel	Medical Vacuum	Medical Pendant	Medical Air - 4 bar	Neonatal Workstation	Surgical Air - 7 bar	A&E Workstation	Surgical Air - 10 bar		Etonox		Other		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Lux</td> <td>300</td> </tr> <tr> <td>ii) Type</td> <td>Type</td> </tr> <tr> <td>Flourescent</td> <td>/</td> </tr> <tr> <td>Downlight</td> <td>12</td> </tr> <tr> <td>iii) Others</td> <td>Type</td> </tr> <tr> <td>Emergency Light</td> <td>/</td> </tr> <tr> <td>Stage Lighting</td> <td>2</td> </tr> </table>								Notes	Qty.	Lux	300	ii) Type	Type	Flourescent	/	Downlight	12	iii) Others	Type	Emergency Light	/	Stage Lighting	2																																																													
Wall	CEILING	Floor	Skirting																																																																																																																											
EMP	LGB1	CP4	STB																																																																																																																											
i) TYPE OF OUTLET	Bil.																																																																																																																													
Oxygen	Wall Mounted																																																																																																																													
Nitrous Oxide	Bedhead Panel																																																																																																																													
Medical Vacuum	Medical Pendant																																																																																																																													
Medical Air - 4 bar	Neonatal Workstation																																																																																																																													
Surgical Air - 7 bar	A&E Workstation																																																																																																																													
Surgical Air - 10 bar																																																																																																																														
Etonox																																																																																																																														
Other																																																																																																																														
Notes	Qty.																																																																																																																													
Lux	300																																																																																																																													
ii) Type	Type																																																																																																																													
Flourescent	/																																																																																																																													
Downlight	12																																																																																																																													
iii) Others	Type																																																																																																																													
Emergency Light	/																																																																																																																													
Stage Lighting	2																																																																																																																													
A02. DOOR								B2. FIRE FIGHTING								D2. VENTILATION SYSTEM																																																																																																														
<table border="1"> <tr> <th>Code</th> <th>Door 1</th> <th>Bil.</th> <th>Door 2</th> <th>Bil.</th> <th>Door 3</th> <th>Bil.</th> </tr> <tr> <td>P20n/K1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grille</td> <td>none</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.	P20n/K1	2						Grille	none						Remarks							<table border="1"> <tr> <th>Other</th> <th>Qty.</th> </tr> <tr> <td>Sprinkler System</td> <td></td> </tr> <tr> <td>Pendant type</td> <td>Conceal type</td> </tr> <tr> <td>Fire Extinguisher</td> <td>DP portable</td> </tr> <tr> <td>CO2 Portable</td> <td>Clean Agent</td> </tr> <tr> <td>Fire Alarm</td> <td>Heat Detector</td> </tr> <tr> <td>Smoke Detector</td> <td>Flashing Light</td> </tr> <tr> <td>Alarm Bell</td> <td>Sounder</td> </tr> </table>								Other	Qty.	Sprinkler System		Pendant type	Conceal type	Fire Extinguisher	DP portable	CO2 Portable	Clean Agent	Fire Alarm	Heat Detector	Smoke Detector	Flashing Light	Alarm Bell	Sounder	<table border="1"> <tr> <th>Qty.</th> <th>NOTES</th> </tr> <tr> <td>Ceiling Fan 1500</td> <td></td> </tr> <tr> <td>Ceiling Fan 1200</td> <td></td> </tr> <tr> <td>Fan Fan</td> <td></td> </tr> <tr> <td>Fan Regulator</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Qty.	NOTES	Ceiling Fan 1500		Ceiling Fan 1200		Fan Fan		Fan Regulator		Others																																																
Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																																																																																								
P20n/K1	2																																																																																																																													
Grille	none																																																																																																																													
Remarks																																																																																																																														
Other	Qty.																																																																																																																													
Sprinkler System																																																																																																																														
Pendant type	Conceal type																																																																																																																													
Fire Extinguisher	DP portable																																																																																																																													
CO2 Portable	Clean Agent																																																																																																																													
Fire Alarm	Heat Detector																																																																																																																													
Smoke Detector	Flashing Light																																																																																																																													
Alarm Bell	Sounder																																																																																																																													
Qty.	NOTES																																																																																																																													
Ceiling Fan 1500																																																																																																																														
Ceiling Fan 1200																																																																																																																														
Fan Fan																																																																																																																														
Fan Regulator																																																																																																																														
Others																																																																																																																														
A03. WINDOW								B3. VENTILATION SYSTEM								D3. POWER SOURCE																																																																																																														
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td>T1/14</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grille</td> <td>none</td> <td>Restrictor 30"</td> <td></td> <td>Lockable Key Alike</td> <td></td> </tr> <tr> <td>Low level window</td> <td></td> <td>Restrictor 60"</td> <td></td> <td>Single glazing</td> <td></td> </tr> <tr> <td>High level window</td> <td></td> <td>Insect Netting</td> <td></td> <td>Double glazing</td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Window	Bil.	Specification	/	specification	/	T1/14	2					Grille	none	Restrictor 30"		Lockable Key Alike		Low level window		Restrictor 60"		Single glazing		High level window		Insect Netting		Double glazing		Remarks						<table border="1"> <tr> <th>i) Ventilation</th> <th>Natural Vent</th> <th>Ceiling Fan</th> </tr> <tr> <td>Mechanical Vent</td> <td></td> <td></td> </tr> <tr> <td>Air Extration - Mechanical Ventilation</td> <td></td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td>Non Ducted Exhaust</td> <td></td> </tr> <tr> <td>Air Filtration</td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td>Hepa Filters</td> <td></td> </tr> <tr> <td>Usage</td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td>Office Hours</td> <td></td> </tr> <tr> <td>24 Hours</td> <td>Extended Hours</td> <td></td> </tr> </table>								i) Ventilation	Natural Vent	Ceiling Fan	Mechanical Vent			Air Extration - Mechanical Ventilation			Ducted Exhaust	Non Ducted Exhaust		Air Filtration			Normal Filters	Hepa Filters		Usage			Intermittent	Office Hours		24 Hours	Extended Hours		<table border="1"> <tr> <th>Normal</th> <th>Essential</th> <th>UPS</th> <th>Notes</th> </tr> <tr> <td>Socket</td> <td>20</td> <td>9</td> <td></td> </tr> <tr> <td>13 Amp Single</td> <td></td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td></td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1-phase</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> </tr> </table>								Normal	Essential	UPS	Notes	Socket	20	9		13 Amp Single				13 Amp Twin				15 Amp Single				230V Termination				Isolator				1-phase				3-phase				Others			
Window	Bil.	Specification	/	specification	/																																																																																																																									
T1/14	2																																																																																																																													
Grille	none	Restrictor 30"		Lockable Key Alike																																																																																																																										
Low level window		Restrictor 60"		Single glazing																																																																																																																										
High level window		Insect Netting		Double glazing																																																																																																																										
Remarks																																																																																																																														
i) Ventilation	Natural Vent	Ceiling Fan																																																																																																																												
Mechanical Vent																																																																																																																														
Air Extration - Mechanical Ventilation																																																																																																																														
Ducted Exhaust	Non Ducted Exhaust																																																																																																																													
Air Filtration																																																																																																																														
Normal Filters	Hepa Filters																																																																																																																													
Usage																																																																																																																														
Intermittent	Office Hours																																																																																																																													
24 Hours	Extended Hours																																																																																																																													
Normal	Essential	UPS	Notes																																																																																																																											
Socket	20	9																																																																																																																												
13 Amp Single																																																																																																																														
13 Amp Twin																																																																																																																														
15 Amp Single																																																																																																																														
230V Termination																																																																																																																														
Isolator																																																																																																																														
1-phase																																																																																																																														
3-phase																																																																																																																														
Others																																																																																																																														
A04. INTERNAL GLAZING								B4. WATER AND SANITARY REQUIREMENT								D4. AUDIO SYSTEM																																																																																																														
<table border="1"> <tr> <th>Bil.</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Bil.	Bil.			<table border="1"> <tr> <th>Saluran Air</th> <th>Bil.</th> <th>Hot</th> <th>Bil.</th> </tr> <tr> <td>Cold</td> <td></td> <td></td> <td></td> </tr> <tr> <td>RO Water</td> <td></td> <td>Outlet</td> <td></td> </tr> <tr> <td>Special Drainage Requirement</td> <td>Bil.</td> <td>Neutralised Tank</td> <td>Bil.</td> </tr> <tr> <td>Grease Trap</td> <td></td> <td>Other</td> <td></td> </tr> <tr> <td>Plaster Trap</td> <td></td> <td></td> <td></td> </tr> </table>								Saluran Air	Bil.	Hot	Bil.	Cold				RO Water		Outlet		Special Drainage Requirement	Bil.	Neutralised Tank	Bil.	Grease Trap		Other		Plaster Trap				<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td>PA SYSTEM</td> <td></td> </tr> <tr> <td>Ceiling speaker</td> <td>2</td> </tr> <tr> <td>Volume Control</td> <td>1</td> </tr> <tr> <td>Box Speaker</td> <td></td> </tr> <tr> <td>PA Rack</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Qty.	Notes	PA SYSTEM		Ceiling speaker	2	Volume Control	1	Box Speaker		PA Rack		Others																																																														
Bil.	Bil.																																																																																																																													
Saluran Air	Bil.	Hot	Bil.																																																																																																																											
Cold																																																																																																																														
RO Water		Outlet																																																																																																																												
Special Drainage Requirement	Bil.	Neutralised Tank	Bil.																																																																																																																											
Grease Trap		Other																																																																																																																												
Plaster Trap																																																																																																																														
Qty.	Notes																																																																																																																													
PA SYSTEM																																																																																																																														
Ceiling speaker	2																																																																																																																													
Volume Control	1																																																																																																																													
Box Speaker																																																																																																																														
PA Rack																																																																																																																														
Others																																																																																																																														
A05. HATCH / PASS THROUGH COUNTER								B5. PNEUMATIC TUBE								D5. MATV SYSTEM																																																																																																														
<table border="1"> <tr> <th>Bil.</th> <th>Bil.</th> </tr> <tr> <td>none</td> <td></td> </tr> </table>								Bil.	Bil.	none		<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td>Sistem MATV</td> <td></td> </tr> <tr> <td>MATV Point</td> <td></td> </tr> <tr> <td>TV set (32" c/w bracket)</td> <td></td> </tr> <tr> <td>TV set (42" c/w bracket)</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Qty.	Notes	Sistem MATV		MATV Point		TV set (32" c/w bracket)		TV set (42" c/w bracket)		Others																																																																																				
Bil.	Bil.																																																																																																																													
none																																																																																																																														
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
Sistem MATV																																																																																																																														
MATV Point																																																																																																																														
TV set (32" c/w bracket)																																																																																																																														
TV set (42" c/w bracket)																																																																																																																														
Others																																																																																																																														
A06. SIGNAGES								B6. SPECIAL REQUIREMENT								D6. DIGITAL CALLING SYSTEM																																																																																																														
<table border="1"> <tr> <th>Bil.</th> <th>Bil.</th> </tr> <tr> <td>RC - ADMINISTRATION</td> <td></td> </tr> <tr> <td>DC</td> <td></td> </tr> </table>								Bil.	Bil.	RC - ADMINISTRATION		DC		<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td>Digital Calling System</td> <td></td> </tr> <tr> <td>Main Display Unit</td> <td></td> </tr> <tr> <td>Display Unit</td> <td></td> </tr> <tr> <td>Ticket Printer</td> <td></td> </tr> <tr> <td>Counter/room terminal</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Qty.	Notes	Digital Calling System		Main Display Unit		Display Unit		Ticket Printer		Counter/room terminal		Others																																																																																
Bil.	Bil.																																																																																																																													
RC - ADMINISTRATION																																																																																																																														
DC																																																																																																																														
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
Digital Calling System																																																																																																																														
Main Display Unit																																																																																																																														
Display Unit																																																																																																																														
Ticket Printer																																																																																																																														
Counter/room terminal																																																																																																																														
Others																																																																																																																														
A07. BUILT-IN FURNITURES								B7. IT REQUIREMENTS								D7. NURSE CALL SYSTEM																																																																																																														
<table border="1"> <tr> <th>Bil.</th> <th>Bil.</th> </tr> <tr> <td>Wall partition 1500mm height c/w LF20</td> <td>8</td> </tr> <tr> <td>Bb2</td> <td>6</td> </tr> <tr> <td>BA2</td> <td>6</td> </tr> <tr> <td>B3b</td> <td>1</td> </tr> </table>								Bil.	Bil.	Wall partition 1500mm height c/w LF20	8	Bb2	6	BA2	6	B3b	1	<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td>A. PATIENT</td> <td></td> </tr> <tr> <td>Cord</td> <td></td> </tr> <tr> <td>Light</td> <td></td> </tr> <tr> <td>Intercom/speech</td> <td></td> </tr> <tr> <td>Pull Cord</td> <td></td> </tr> <tr> <td>Code Blue</td> <td></td> </tr> <tr> <td>B.STAFF</td> <td></td> </tr> <tr> <td>Light</td> <td></td> </tr> <tr> <td>Display</td> <td></td> </tr> <tr> <td>Console</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Qty.	Notes	A. PATIENT		Cord		Light		Intercom/speech		Pull Cord		Code Blue		B.STAFF		Light		Display		Console		Others																																																																		
Bil.	Bil.																																																																																																																													
Wall partition 1500mm height c/w LF20	8																																																																																																																													
Bb2	6																																																																																																																													
BA2	6																																																																																																																													
B3b	1																																																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
A. PATIENT																																																																																																																														
Cord																																																																																																																														
Light																																																																																																																														
Intercom/speech																																																																																																																														
Pull Cord																																																																																																																														
Code Blue																																																																																																																														
B.STAFF																																																																																																																														
Light																																																																																																																														
Display																																																																																																																														
Console																																																																																																																														
Others																																																																																																																														
A08. LABORATORY FURNITURES								B8. COMPUTER								D8. AUDIO VISUAL SYSTEM																																																																																																														
<table border="1"> <tr> <th>Bil.</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Bil.	Bil.			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td>LCD Projector</td> <td></td> </tr> <tr> <td>Projector Screen</td> <td></td> </tr> <tr> <td>Microphone</td> <td></td> </tr> <tr> <td>Speaker</td> <td></td> </tr> <tr> <td>AV Rack</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Qty.	Notes	LCD Projector		Projector Screen		Microphone		Speaker		AV Rack		Others																																																																																		
Bil.	Bil.																																																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
LCD Projector																																																																																																																														
Projector Screen																																																																																																																														
Microphone																																																																																																																														
Speaker																																																																																																																														
AV Rack																																																																																																																														
Others																																																																																																																														
A09. LOOSE FURNITURES								B9. PACS Workstation								D9. SECURITY SYSTEM																																																																																																														
<table border="1"> <tr> <th>Bil.</th> <th>Bil.</th> </tr> <tr> <td>LF2</td> <td>8</td> </tr> </table>								Bil.	Bil.	LF2	8	<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes																																																																																													
Bil.	Bil.																																																																																																																													
LF2	8																																																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
A10. ACCESSORIES								B10. PRINTERS								D9. SECURITY SYSTEM																																																																																																														
<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
A11. WALL TYPES								B11. MISCELLANEOUS								D9. SECURITY SYSTEM																																																																																																														
<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
A12. SANITARY WARES & FITTING								B12. OTHERS								D9. SECURITY SYSTEM																																																																																																														
<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
A13. OTHERS								B13. OTHERS								D9. SECURITY SYSTEM																																																																																																														
<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes			<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty.	Notes																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													
Qty.	Notes																																																																																																																													



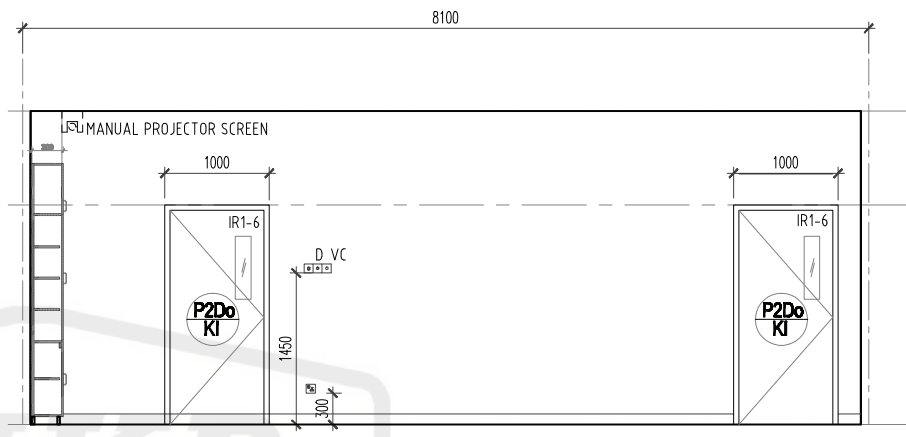
ROOM CODE	
V1	SV
EMP	CB1/PC1
A/CB/INT	3M
	38M ²
	-



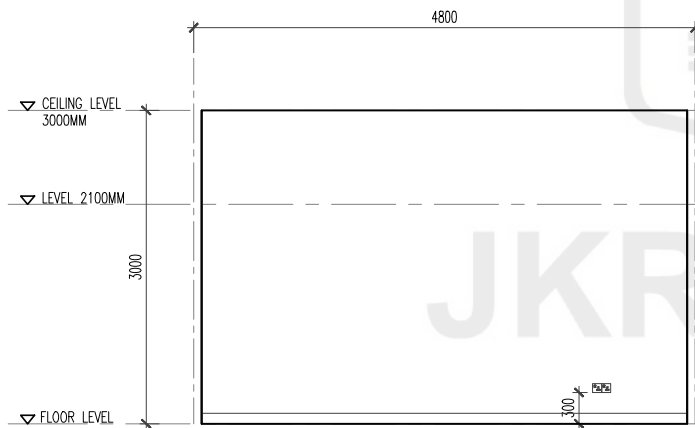
CLIENT	DESIGNER	TITLE	ROOM NAME	SEMINAR ROOM FOR WARD (25 PAX)	DRAWING NO
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN	JKR/CA/P-DRP/07/26/PEL15/006/30-1
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	REVISION
			NOV 2017	not to scale	



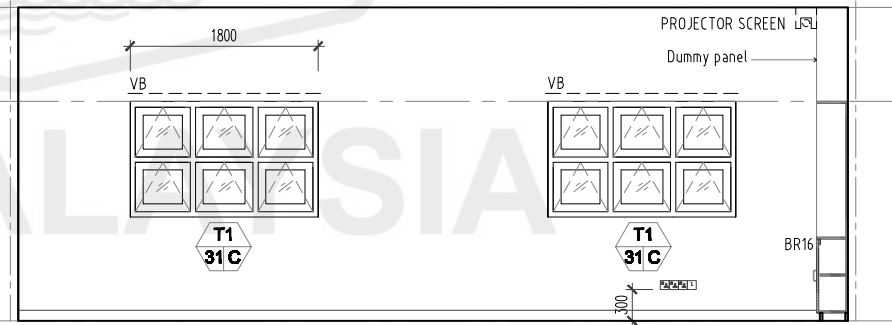
VIEW A



VIEW B



VIEW C

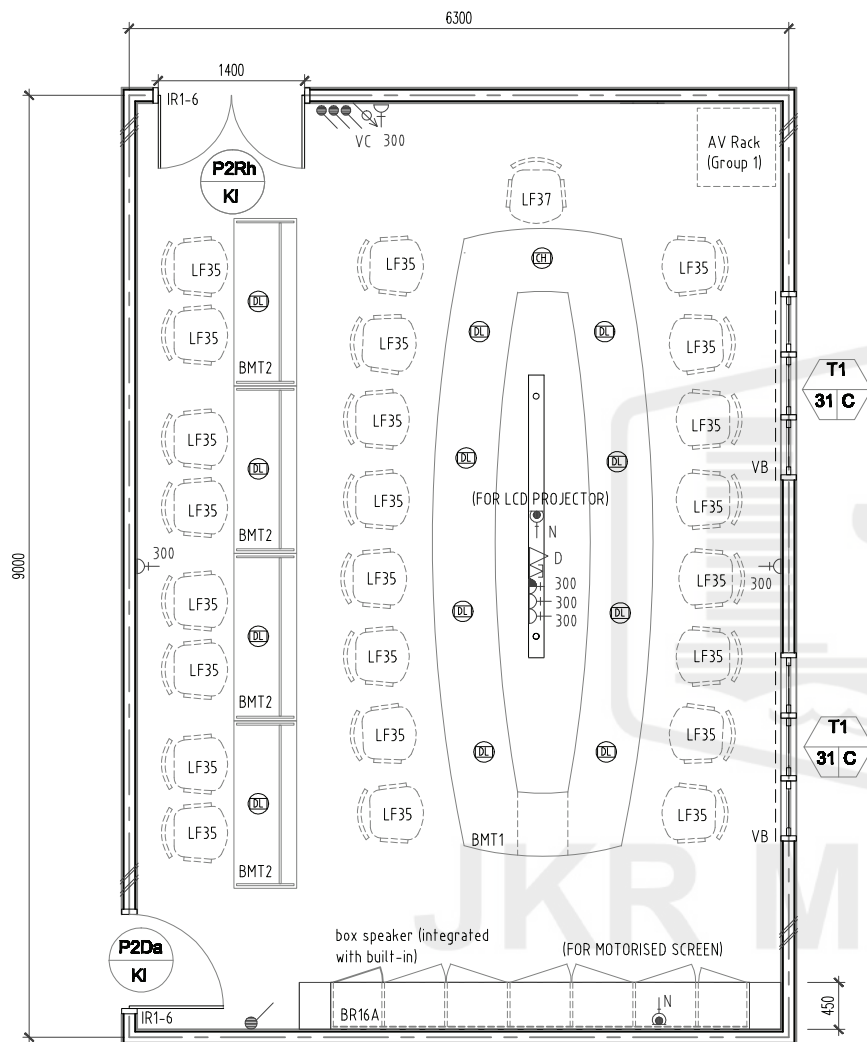


VIEW D

CLIENT	DESIGNER	TITLE	ROOM NAME	SEMINAR ROOM FOR WARD (25 PAX)	DRAWING NO
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	VIEW	JKR/CA/P-DRP/07/26/PEL15/006/30-2
			DATE	SCALE	REVISION
			NOV 2017	not to scale	

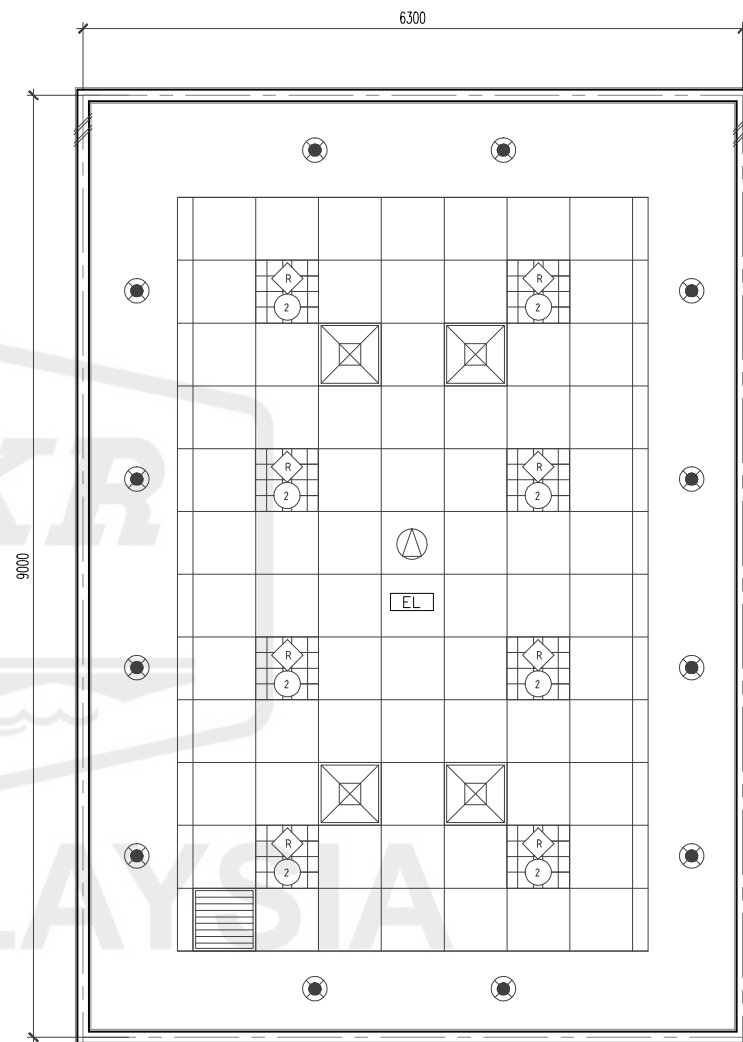
ROOM SIZE: 40 sqm ²				OCCUPANCY LOAD:				*DEPARTMENT:				ROOM NAME: SEMINAR ROOM FOR WARD (25 PAX)				*ROOM CODE:							
A. ARCHITECTURAL REQUIREMENTS								B. MECHANICAL REQUIREMENTS								D. ELECTRICAL REQUIREMENTS							
A01. FINISHES								B1. MEDICAL GAS								D1. LIGHTING REQUIREMENT							
Wall CMP Ceiling CB1/PC1 Floor V1 Skirting SV Door 1 Bil. Door 2 Bil. Door 3 Bil. Code P2Do/KI 2 Remarks DOOR ACCESSORIES Ironmongery IRI-6 2 Door Protection Push Plate Crash Plate Kick Plate Remarks								i) GAS PIPING Bil. ii) TYPE OF OUTLET Bil. Oxygen Nitrous Oxide Medical Vacuum Medical Air - 4 bar Surgical Air - 7 bar Surgical Air - 10 bar Etonox Other								Lighting Intensity 300 ii) Type Type Qty Fluorescent v 6 Dimmer Downlight v 14 iii) Others Type Qty Emergency Light v 3 Dimmer v 1							
A02. DOOR								B2. FIRE FIGHTING								D2. VENTILATION SYSTEM							
Code P2Do/KI 2 Remarks DOOR ACCESSORIES Ironmongery IRI-6 2 Door Protection Push Plate Crash Plate Kick Plate Remarks								Fire Fighting Sprinkler System Pendant type Conceal type Sidewall Fire Extinguisher CO2 Portable Fire Alarm Smoke Detector Alarm Bell								Qty NOTES Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others							
A03. WINDOW								B3. VENTILATION SYSTEM								D3. POWER SOURCE							
Window Bil. Specification T1/31/C 2 Grille Restrictor 30" Lockable Key Alike Low level window Restrictor 60" Single glazing High level window Insect Netting Double glazing Remarks								VENTILATION SYSTEM i) Ventilation Mechanical Vent Natural Vent Ceiling Fan Air Extraction - Mechanical Ventilation Ducted Exhaust Non Ducted Exhaust Air Filtration Normal Filters Hepa Filters Usage Intermittent Office Hours 24 Hours Extended Hours ii) Air Conditioning Room Temperature (°C) 24°F± 1°F Air Change Relative Humidity (%) Room Static Level (Pa) Permissible Noise Level (nc) Total Exhaust Y/N Air Filtration Normal Filters HEPA Filters iii) Air-conditioning (usage) Intermittent Office Hours 24 Hours Extended Hours								Normal Essential UPS Notes 13 Amp Single 9 2 13 Amp Twin 15 Amp Single 230V Termination 1 Isolator 1-phase 3-phase Others							
A04. INTERNAL GLAZING								B4. WATER AND SANITARY REQUIREMENT								D4. AUDIO SYSTEM							
Bil. Bil. HATCH / PASS THROUGH COUNTER SIGNAGES Bil. R55 - BUKU SEMINAR 1 DC 1 BUILT-IN FURNITURES Bil. BR16 1								SALURAN AIR Bil. Cold Only Hot & Cold RO Water Outlet Special Drainage Requirement Bil. Grease Trap Neutralised Tank Plaster Trap Other								Qty Notes PA SYSTEM Ceiling speaker 2 Volume Control 1 Box Speaker PA Rack Others							
A05. HATCH / PASS THROUGH COUNTER								B5. PNEUMATIC TUBE								D5. MATV SYSTEM							
Bil. Bil. SIGNAGES Bil. R55 - BUKU SEMINAR 1 DC 1 BUILT-IN FURNITURES Bil. BR16 1								SPECIAL REQUIREMENT C. IT REQUIREMENTS C1. NETWORK POINTS UTP 1 STP Wifi								Qty Notes Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others							
A06. SIGNAGES								B6. SPECIAL REQUIREMENT								D6. DIGITAL CALLING SYSTEM							
Bil. R55 - BUKU SEMINAR 1 DC 1 BUILT-IN FURNITURES Bil. BR16 1								C. IT REQUIREMENTS C1. NETWORK POINTS UTP 1 STP Wifi								Qty Notes Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others							
A07. BUILT-IN FURNITURES								B7. COMPUTER								D7. NURSE CALL SYSTEM							
Bil. BR16 1								Bil. Workstation Tablet Laptop/Notebook Type Qty Type Qty Type Qty								Qty Notes Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others							
A08. LABORATORY FURNITURES								B8. PACS Workstation								D8. AUDIO VISUAL SYSTEM							
Bil. LF 35 1 LF 29 5 LF 10 1								PACS Workstation Reporting Station Qty Viewing Station Qty Digitiser Qty								Qty Notes LCD Projector 1 Ceiling mounted Projector Screen 1 Manual Microphone Speaker AV Rack Others							
A09. LOOSE FURNITURES								C5. PRINTERS								D9. SECURITY SYSTEM							
Bil. LF 35 1 LF 29 5 LF 10 1								Qty Type Qty Type Qty Network Printer (A3) Colour Local Printer (A4) Black Network Printer (A4) Black Local Printer (A4) Colour Network Printer (A4) Colour Barcode Printer								Qty Notes Security System Security System Dome Camera PTZ Camera Monitor Recorder/Decoder Others B. Access System Card reader w keypad Card reader w door release Intercom Intercom w door release Call bell Video Intercom Video Intercom w d/release Others							
A10. ACCESSORIES								C6. MISCELLANEOUS								E. MEDICAL & NON MEDICAL EQUIPMENT REQUIREMENTS							
Floor Mounted / Wall Protection Cubical Track Blind (blackout) IV Track Artworks								Qty Type Qty Type Qty Barcode Scanner Mykad Reader Flatbed Scanner Info Kiosk Video Conferencing PC Trolley Wireless AP								GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL Supply & Install By Contractor As per Contract Document Fixed Medical Equipment Related To Electrical Item code Item Description Qty Fixed Medical Equipment Related To Mechanical Item Notes Qty							
A11. WALL TYPES								C7. TELEFON								F. REMARKS							
Bil. Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others								Bil. Specification Type A Type B Type C Fax Quantity Digital/Analog/VOIP								Qty Notes Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital) Item Notes Qty							
A12. SANITARY WARES & FITTING								C8. COMPUTER								GROUP 2- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL							
Bil. Workstation Tablet Laptop/Notebook Type Qty Type Qty Type Qty								Qty Notes Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital) Item Notes Qty								Qty Notes Qty							
A13. OTHERS								C9. PACS Workstation															
Bil. Worktop : HP2 1								Qty Type Qty Type Qty Network Printer (A3) Colour Local Printer (A4) Black Network Printer (A4) Black Local Printer (A4) Colour Network Printer (A4) Colour Barcode Printer															

 KEMENTERIAN KESIHATAN MALAYSIA		 JABATAN KERJA RAYA MALAYSIA		HODT ARKITEK : CAWANGAN ARKITEK, JKR MALAYSIA		HODT MECHANICAL : CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA		HODT ELECTRIC : CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		HODT ICT : CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		CLIENT BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA		ROOM NAME : SEMINAR ROOM FOR WARD (25 PAX) DRAWING NO. : JKR/CA/P-DRP/07/26/PEL15/006/30-1 JKR/CA/P-DRP/07/26/PEL15/006/30-2 TARIKH : © 2017 Jabatan Kerja Raya Malaysia , Hak Cipta Terpelihar.	
---	--	--	--	---	--	---	--	--	--	---	--	---	--	--	--



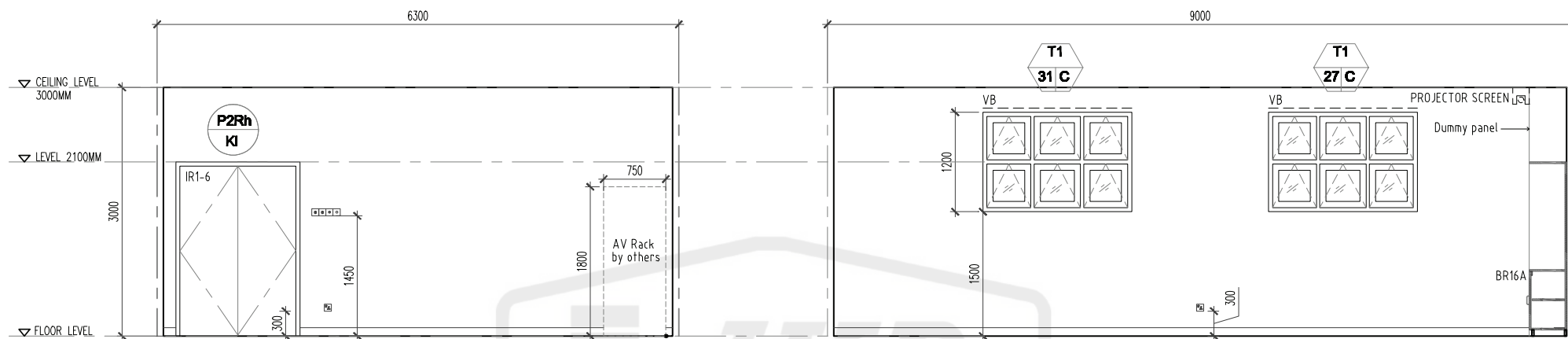
FLOOR PLAN

ROOM CODE	
CP4	STB
EMP	GB1+PC2
AC8/INT.	3000
57m2	
A.L 0.00	



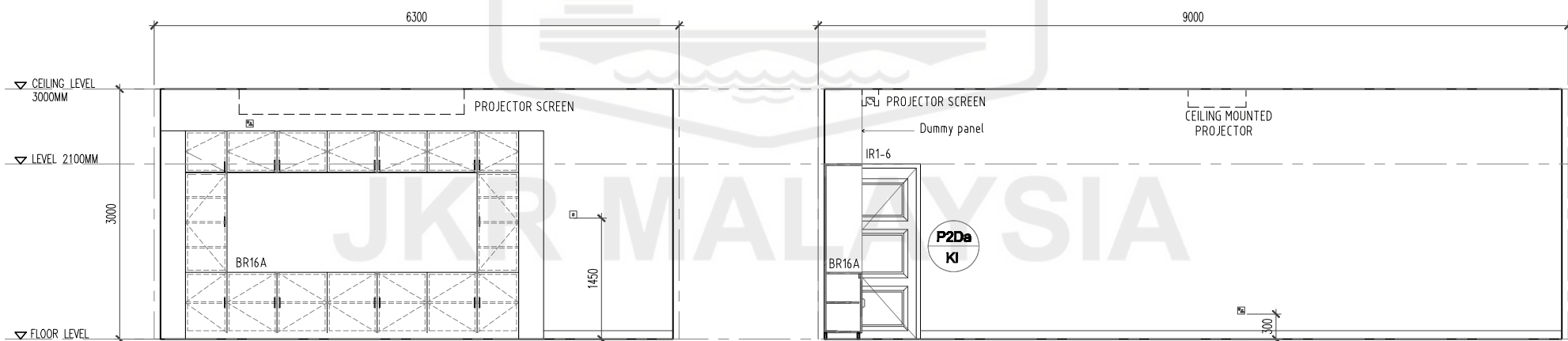
CEILING PLAN

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	MEETING ROOM (25 PAX)	JKR/CA/P-DRP/07/26/PEL15/006/31-1
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	



VIEW A

VIEW B

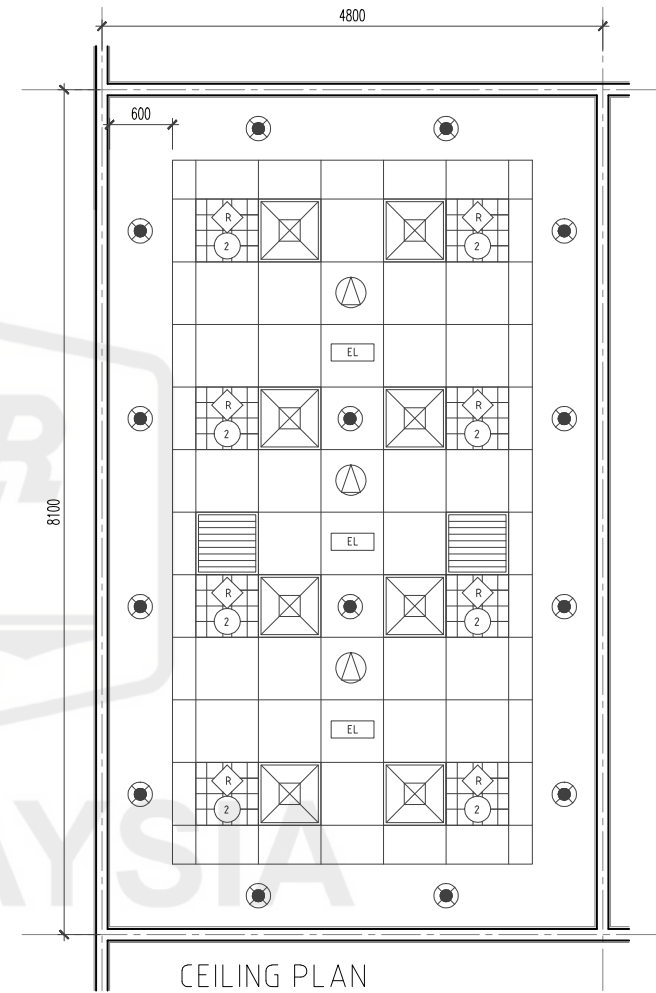
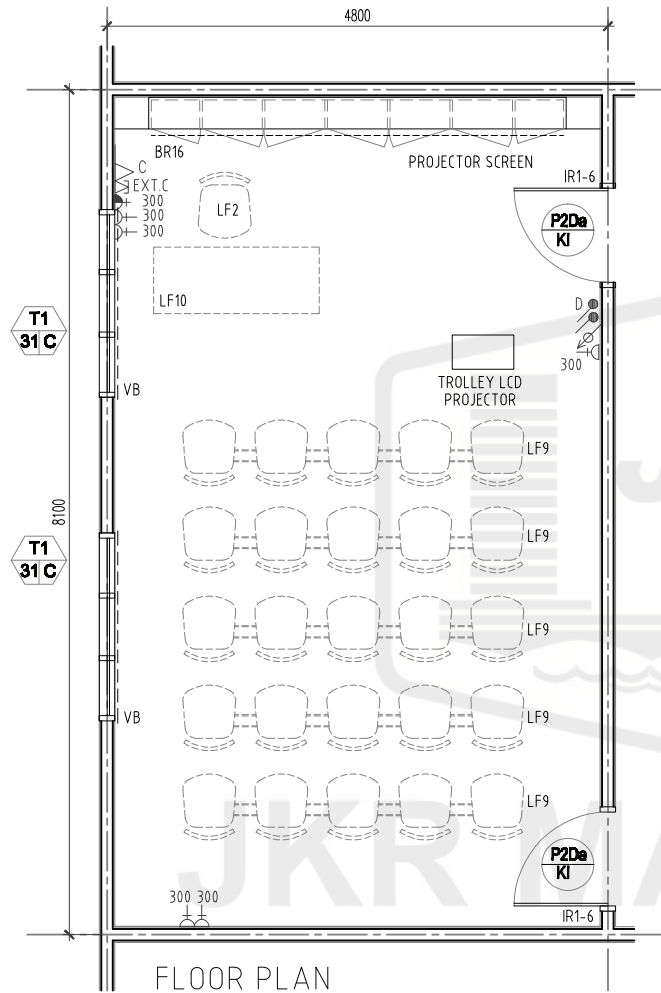


VIEW C

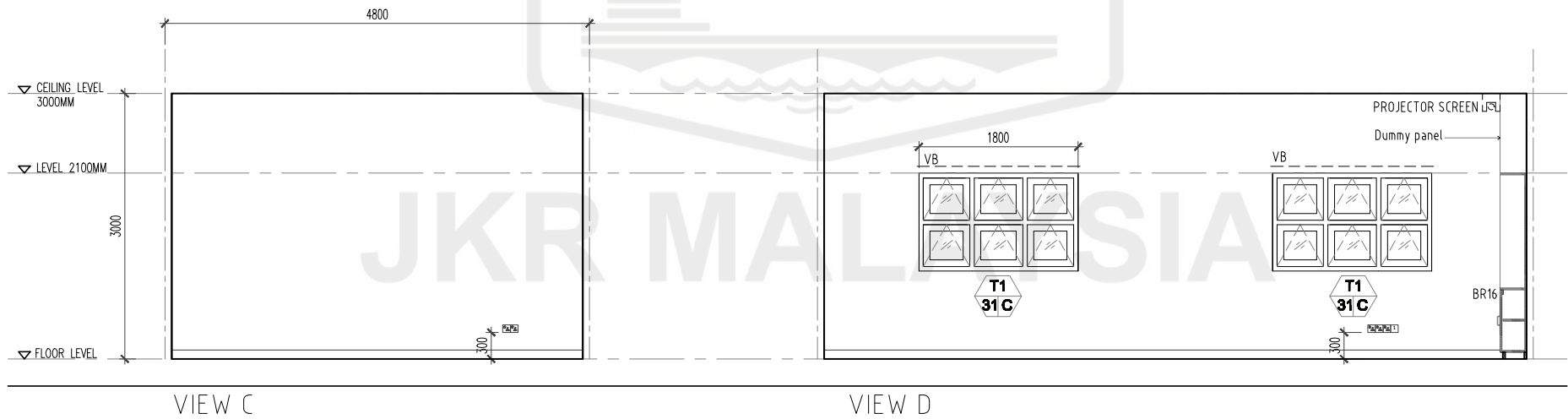
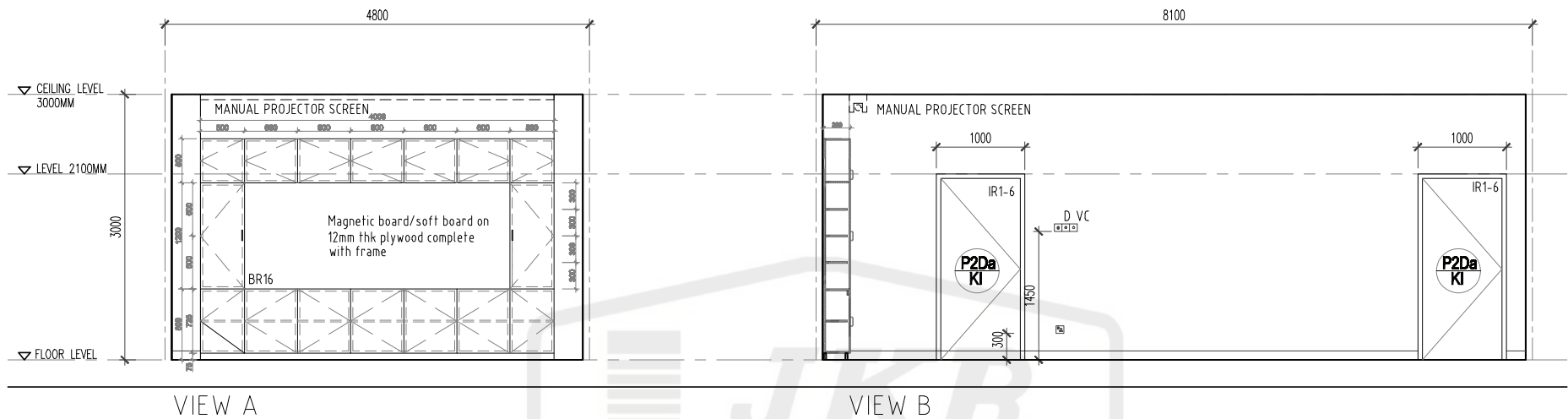
VIEW D

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	MEETING ROOM (25 PAX)	JKR/CA/P-DRP/07/26/PEL15/006/31-2
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DRAWING TYPE	REVISION
			VIEW	
			DATE	SCALE
			NOV 2017	not to scale

ROOM SIZE: 57'		OCCUPANCY LOAD:		*DEPARTMENT :		ROOM NAME: MEETING ROOM (25 PAX)		*ROOM CODE :			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GAS				D1. LIGHTING REQUIREMENT			
Wall EMP				i)GAS PIPING Oxygen Nitrous Oxide Medical Vacuum Medical Air - 4 bar Surgical Air - 7 bar Surgical Air - 10 bar Etonox Other				i) LIGHTING Intensity Lux ii) Type Fluorescent Downlight iii) Others Night Light Emergency Light Stage Lighting			
Ceiling GB1 + PC2				Bil. ii)TYPE OF OUTLET Wall Mounted Bedhead Panel Neonatal Workstation A&E Workstation				Type 300 Qty 12 Dimmer			
Floor CP4				Bil.				Type Qty			
Skirting STB				Bil.				Type Qty			
A02. DOOR				B2. FIRE FIGHTING				D2. VENTILATION SYSTEM			
Door 1 Code P2Rh				v 1 Sprinkler System Pendant type Fire Extinguisher CO2 Portable Fire Alarm Smoke Detector Alarm Bell				Qty NOTES			
Door 2 Code P2Da				1 Conceal type Sidewall				Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others			
Door 3 Code				DP portable Clean Agent Heat Detector Flashing Light Sounder				Qty NOTES			
Remarks				B3. VENTILATION SYSTEM				D3. POWER SOURCE			
DOOR ACCESSORIES				i.Ventilation Mechanical Vent Natural Vent Ceiling Fan				Normal Essential UPS Notes			
Ironmongery Door Protection Push Plate Crash Plate Kick Plate Remarks				Air Extration - Mechanical Ventilation Ducted Exhaust Air Filtration Normal Filters Usage Intermittent 24 Hours ii)Air Conditioning Room Temperature @ 74°F± 1°F Relative Humidity (%) Permissible Noise Level (nc) Air Filtration Normal Filters HEPA Filters iii) Air-conditioning (usage) Intermittent 24 Hours				13 Amp Single 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others			
A03. WINDOW				Bil. Specification / specification /				D4. AUDIO SYSTEM			
Window Code T1 31 C				2 Restrictor 30" Lockable Key Alike Restrictor 60" Single glazing Double glazing				PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others			
A04. INTERNAL GLAZING				Bil.				D5. MATV SYSTEM			
HATCH / PASS THROUGH COUNTER				Bil.				Qty Notes			
SIGNAGES				Bil.				D6. DIGITAL CALLING SYSTEM			
RSS - BILIK MESYUARAT DC				1				Qty Notes			
A07. BUILT-IN FURNITURES				Bil.				D7. NURSE CALL SYSTEM			
BR16A BMT2 BMT1				1 4 1				Qty Notes			
A08. LABORATORY FURNITURES				Bil.				D8. AUDIO VISUAL SYSTEM			
A09. LOOSE FURNITURES				Bil.				Qty Notes			
LF 35 LF 37				24 1				Qty Notes			
A10. ACCESSORIES				Bil.				D9. SECURITY SYSTEM			
Floor Mounted / Wall Protection Cubical Track IV Track				Curtain Track Blind Artworks				Security System A. CCTV System Dome Camera PTZ Camera Monitor Recorder/Decoder Others B. Access System Card reader w keypad Card reader w door release Intercom Intercom w door release Call bell Video Intercom Video Intercom w d/release Others C. Intercom Audio Intercom Video Intercom Others			
A11. WALL TYPES				Bil.				E. MEDICAL & NON MEDICAL EQUIPMENT REQUIREMENTS			
Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply & Install By Contractor As per Contract Document			
A12. SANITARY WARES & FITTING				Bil.				Fixed Medical Equipment Related To Electrical			
Bil.				Bil.				Item Code Item Description Qty			
Bil.				Bil.				Code GROUP 4 - CONSUMABLES No. Others Detail/Equipment Item Code Item Description M/E Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)			
Bil.				Bil.				Item Notes Qty			
Bil.				Bil.				Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No.			

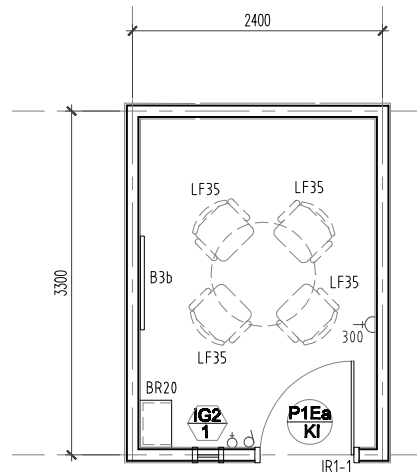


CLIENT	DESIGNER	TITLE	ROOM NAME	HEALTH EDUCATION (25 PAX)	DRAWING NO
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN	JKR/CA/P-DRP/07/26/PEL 15/006/32-1
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	REVISION
			NOV 2017	not to scale	

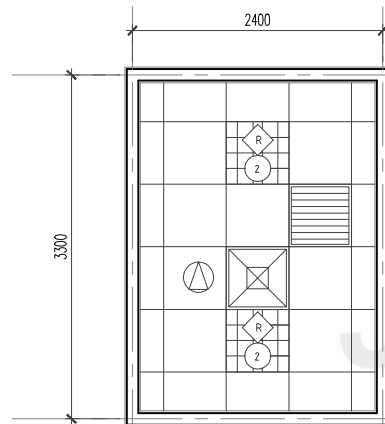


CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	HEALTH EDUCATION (25 PAX)	JKR/CA/P-DRP/07/26/PEL15/006/32-2
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

[illegible]

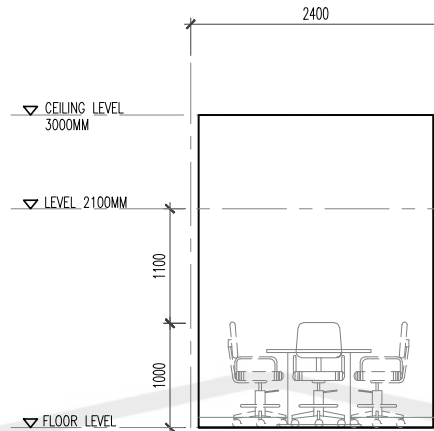


FLOOR PLAN

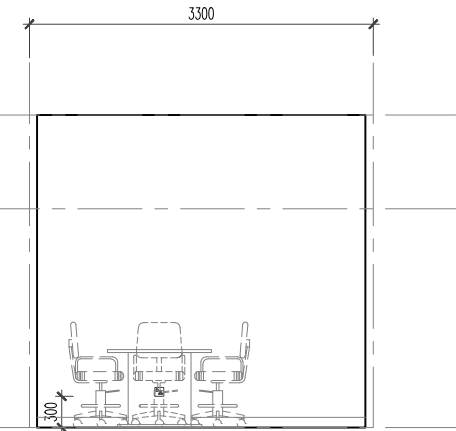


CEILING PLAN

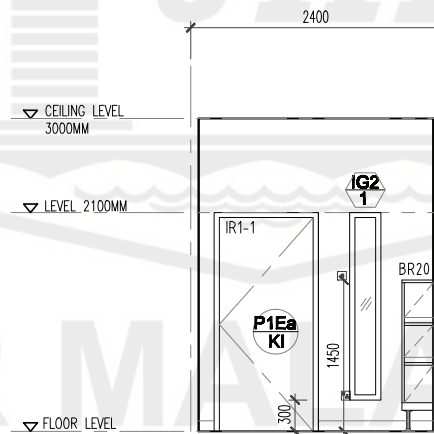
ROOM CODE	
V1	V1
EMP	GB1
A8	3M
8.00M ²	



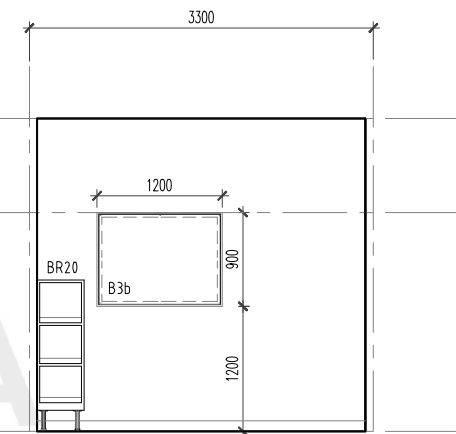
VIEW A



VIEW B



VIEW C

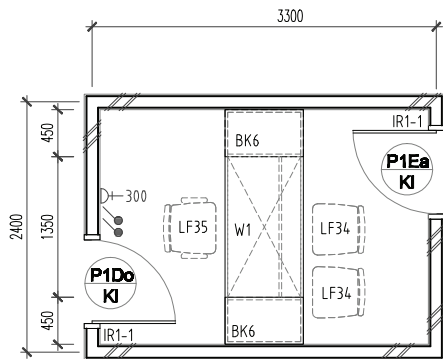


VIEW D

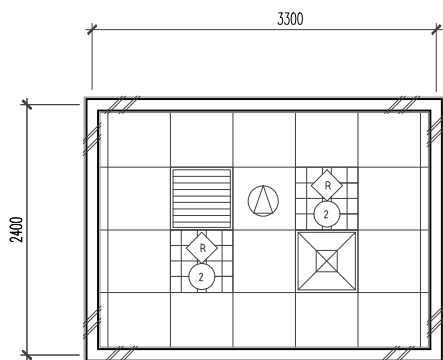
NOTE:
FLOOR FINISHES SELECTION
AS PER FINAL INTERACTION
WITH USER/CLIENT

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DISCUSSION / COUNSELLING ROOM (4 PAX)	JKR/CA/P-DRP/07/26/PEL15/006/33
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

[illegible]



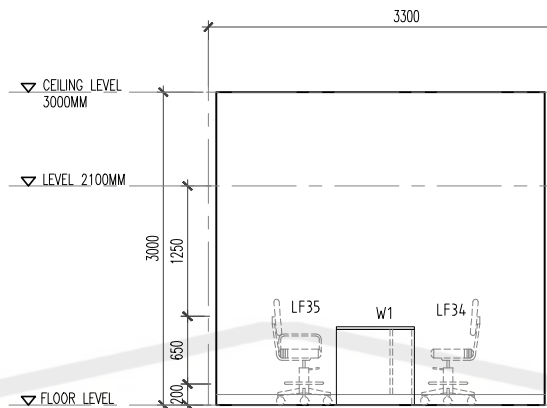
FLOOR PLAN



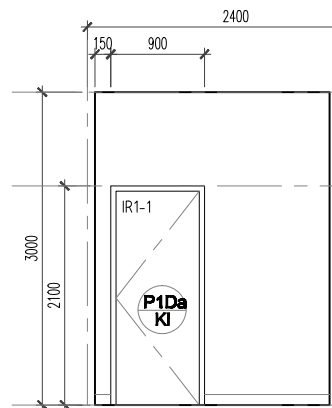
CEILING PLAN



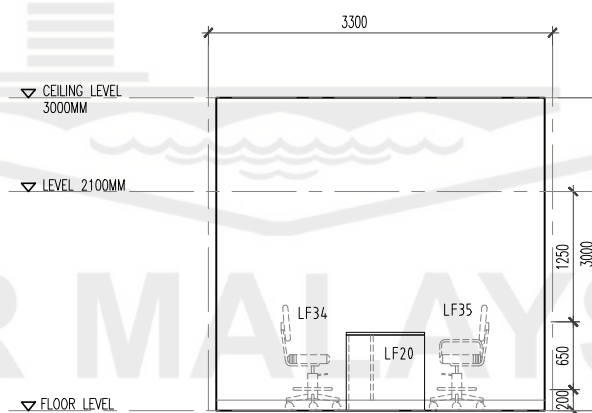
ROOM CODE	
V1	SV
EMP	GB1
24 j	3000
8.00 (M ²)	
A.L 0.00	



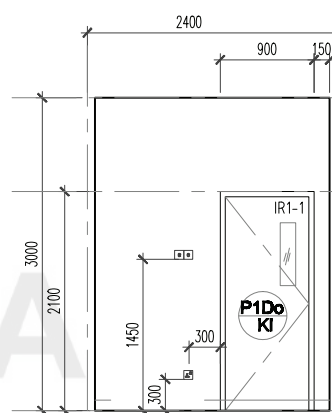
VIEW A



VIEW B



VIEW C



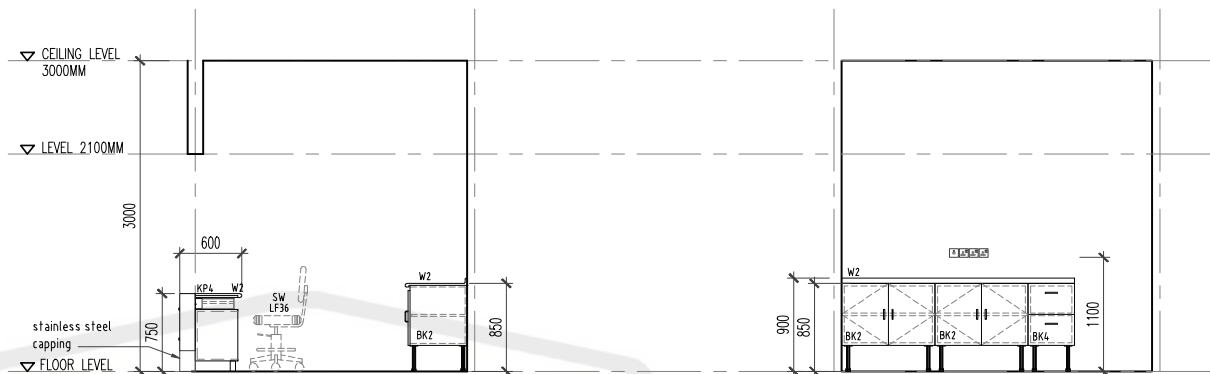
VIEW D

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	INTERVIEW ROOM	JKR/CA/P-DRP/07/26/PEL15/006/34
			DRAWING TYPE	REVISION
			DATE	
			SCALE	
			NOV 2017	not to scale

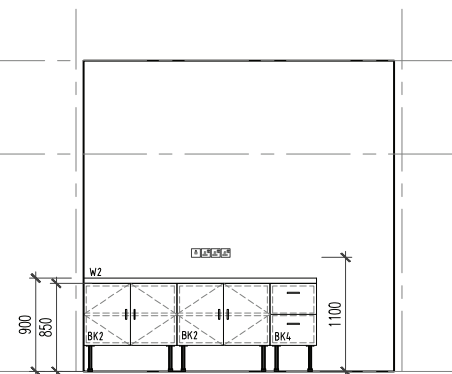
ROOM SIZE: 8 sqm ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: INTERVIEW ROOM		*ROOM CODE:							
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS				E. MEDICAL AND NON MEDICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GAS				D1. LIGHTING SYSTEM				D9. SECURITY SYSTEM			
EMP				UGAS PIPING				i) Lighting Intensity				Security System			
Wall				Bil.				Lux				Notes			
Ceiling				Bil.				Type				Qty.			
Floor				Bil.				Type				Qty.			
Skirting				Bil.				Type				Qty.			
V1				Bil.				Type				Qty.			
SV				Bil.				Type				Qty.			
A02. DOOR				B2. FIRE FIGHTING				D2. VENTILATION				A. CCTV System			
Door 1				Bil.				Fire Extinguisher				Dome Camera			
Door 2				Bil.				CO2 Portable				PTZ Camera			
Door 3				Bil.				Fire Alarm				Monitor			
Bil.				Bil.				Smoke Detector				Recorder/Decoder			
Code				Bil.				Alarm Bell				Others			
P1Do / K1				Bil.				B3. VENTILATION SYSTEM				B. Access System			
none				Bil.				I.Ventilation				Card reader w keypad			
Remarks				Bil.				Mechanical Vent				Card reader w door release			
DOOR ACCESSORIES				Bil.				Ducted Exhaust				Intercom			
Ironmongery				Bil.				Normal Filters				Intercom w door release			
Door Protection				Bil.				Usage				Call bell			
Push Plate				Bil.				Intermittent				Video Intercom			
Crash Plate				Bil.				24 Hours				Video Intercom w d/release			
Kick Plate				Bil.				ii)Air Conditioning				Others			
Remarks				Bil.				Room Temperature @				C. Intercom			
A03. WINDOW				Bil.				Relative Humidity (%)				Audio Intercom			
Window				Bil.				Permissible Noise Level (nc)				Video Intercom			
Code				Bil.				Air Filtration				Others			
none				Bil.				Normal Filters				E. MEDICAL AND NON MEDICAL REQUIREMENTS			
Grille				Bil.				iii) Air-conditioning (usage)				GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL			
Low level window				Bil.				Intermittent				Supply & Install By Contractor As per Contract Document			
High level window				Bil.				24 Hours				Fixed Medical Equipment Related To Electrical			
Remarks				Bil.				D4. AUDIO SYSTEM				Item Code			
A04. INTERNAL GLAZING				Bil.				Qty				Item Description			
Bil.				Bil.				Notes				Qty.			
A05. HATCH / PASS THROUGH COUNTER				Bil.				D5. MATV SYSTEM				Code			
none				Bil.				Sistem MATV				No.			
A06. SIGNAGES				Bil.				MATV Point				GROUP 3 - LOOSE EQUIPMENTS &			
RS - INTERVIEW ROOM				Bil.				TV set (32" c/w bracket)				Equipment supply and install by Client			
DC				Bil.				TV set (42" c/w bracket)				Loose Medical Equipment & Medical Furniture			
A07. BUILT-IN FURNITURES				Bil.				Others				Item Code			
BK6				Bil.				D6. DIGITAL CALLING SYSTEM				Item Description			
2				Bil.				Main Display Unit				M/E Qty.			
A08. LABORATORY FURNITURES				Bil.				Display Unit				Code			
Bil.				Bil.				Ticket Printer				No.			
A09. LOOSE FURNITURES				Bil.				Counter/room terminal				Others Detail/Equipment			
LF 35				Bil.				Others				Item Code			
LF 34				Bil.				D7. NURSE CALL SYSTEM				Item Description			
1				Bil.				A. PATIENT				Code			
2				Bil.				Cord				No.			
A10. ACCESSORIES				Bil.				Light				GROUP 4 - CONSUMABLES			
Floor Mounted / Wall Protection				Bil.				Intercom/speech				Others			
Cubical Track				Bil.				Pull Cord				Code			
IV Track				Bil.				Code Blue				No.			
A11. WALL TYPES				Bil.				Light				GROUP 2- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL			
Cavity Wall				Bil.				Display				Supply by Client & Install by Contractor			
Single Wall				Bil.				Console				(E.g. salvageable items from an existing hospital)			
Dry wall				Bil.				Others				Item			
Curtain Wall				Bil.				D8. DB. AUDIO VISUAL SYSTEM				Notes			
Remarks / Others				Bil.				LCD Projector				Qty.			
A12. SANITARY WARES & FITTING				Bil.				Projector Screen				Code			
Bil.				Bil.				Microphone				No.			
A13. OTHERS				Bil.				Speaker				GROUP 3 - LOOSE EQUIPMENTS &			
Bil.				Bil.				AV Rack				Equipment supply and install by Client			
Bil.				Bil.				Others				Loose Medical Equipment & Medical Furniture			
Bil.				Bil.				D9. SECURITY SYSTEM				Item Code			
Bil.				Bil.				Security System				Item Description			
Bil.				Bil.				A. CCTV System				M/E Qty.			
Bil.				Bil.				Dome Camera				Code			
Bil.				Bil.				PTZ Camera				No.			
Bil.				Bil.				Monitor				GROUP 4 - CONSUMABLES			
Bil.				Bil.				Recorder/Decoder				Others			
Bil.				Bil.				Others				Code			
Bil.				Bil.				B. Access System				No.			
Bil.				Bil.				Card reader w keypad				GROUP 3 - LOOSE EQUIPMENTS &			
Bil.				Bil.				Card reader w door release				Equipment supply and install by Client			
Bil.				Bil.				Intercom				Loose Medical Equipment & Medical Furniture			
Bil.				Bil.				Intercom w door release				Item Code			
Bil.				Bil.				Call bell				Item Description			
Bil.				Bil.				Video Intercom				M/E Qty.			
Bil.				Bil.				Video Intercom w d/release				Code			
Bil.				Bil.				Others				No.			
Bil.				Bil.				C. Intercom				GROUP 4 - CONSUM			



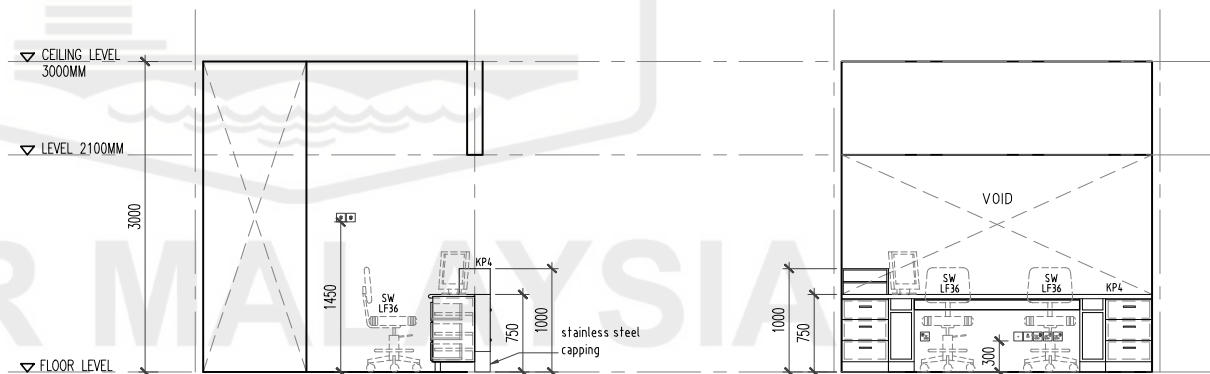
ROOM CODE	
V1	SV
EP	GB1
AC8	3M
9M ²	
-	



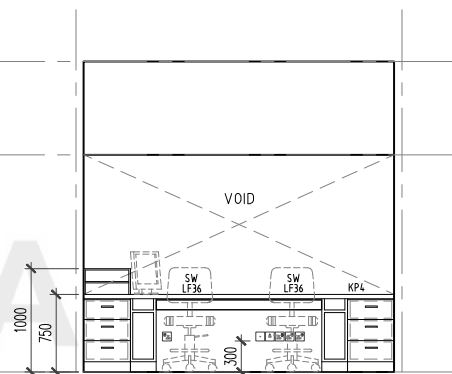
VIEW A



VIEW B



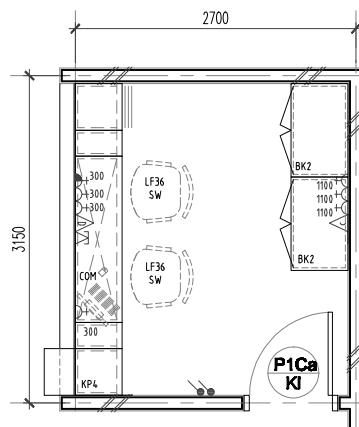
VIEW C



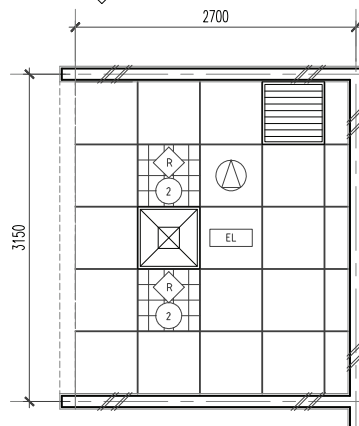
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	RECEPTION	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/35
			DATE	SCALE	REVISION
			NOV 2017	not to scale	

[illegible]

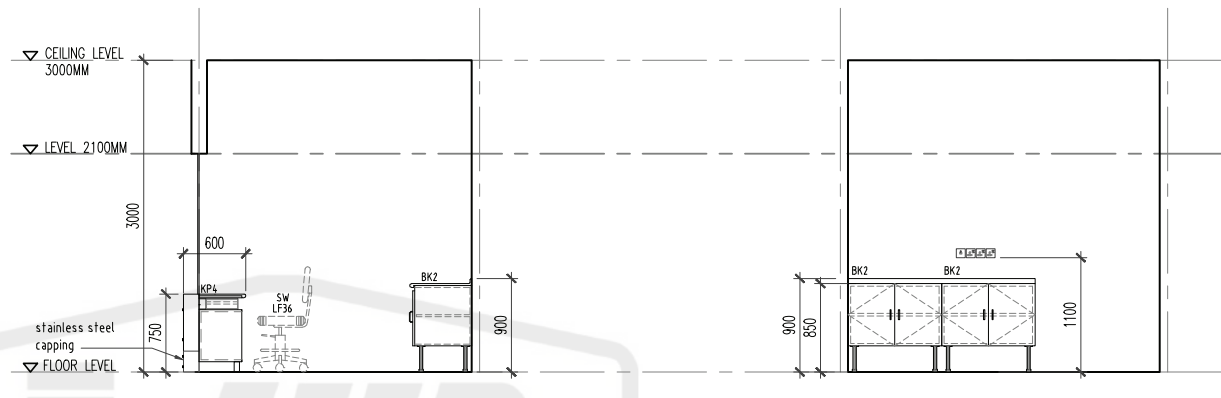


FLOOR PLAN



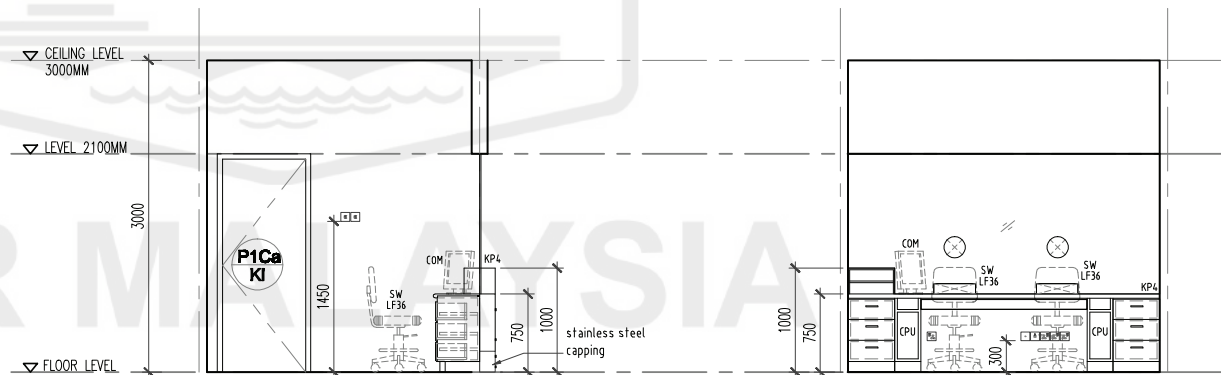
CEILING PLAN

ROOM CODE	
V1	SV
EMP	LGB1
AC8	3M
9M ²	
-	



VIEW A

VIEW B



VIEW C

VIEW D

CLIENT



BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA

DESIGNERS



JABATAN KERJA RAYA MALAYSIA

TITLE

**STANDARDISED
ROOM DATA
(FOUR WALL
ELEVATION)**

ROOM NAME

RECEPTION (ENCLOSED)

DRAWING TYPE

PLAN & VIEW

DATE
NOV 2017

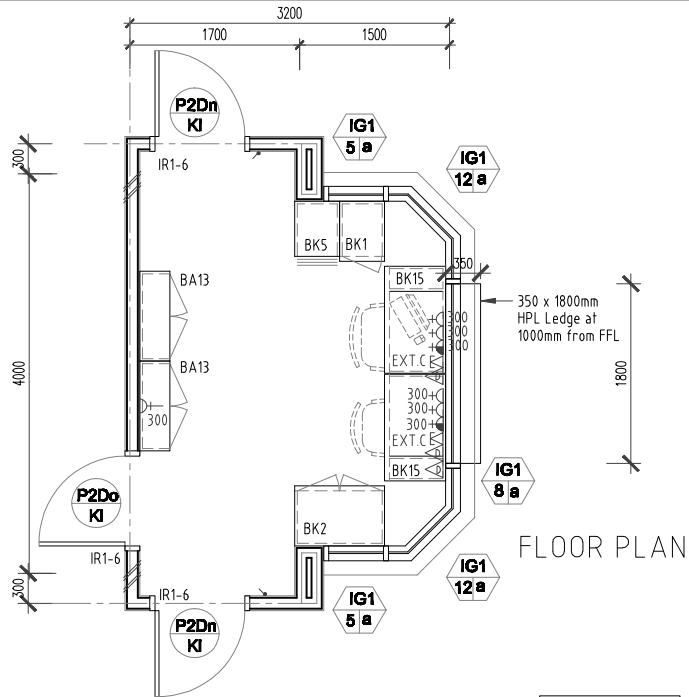
SCALE
not to scale

DRAWING NO.

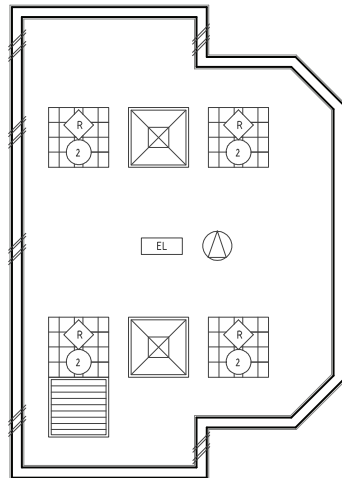
JKR/CA/P-DRP/07/26/PEL15/006/36

REVISION

ROOM SIZE: 9 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: RECEPTION (ENCLOSED)		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION			
Wall Ceiling Floor Skirting				I/GAS PIPING Bil. II/TYPE OF OUTLET Bil.				D1. ILLUMINATION i) Lighting Intensity Lux ii) Type Fluorescent Downlight iii) Others Night Light Emergency Light Stage Lighting			
Code P1Ca / KI Remarks Grille Door Protection Push Plate Crash Plate Kick Plate Remarks				B2. FIRE PROTECTION Sprinkler System Pendant type Fire Extinguisher CO2 Portable Fire Alarm Smoke Detector Alarm Bell				D2. VENTILATION SYSTEM Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others			
A02. DOOR				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				I. Ventilation Mechanical Vent Air Extration - Mechanical Ventilation Ducted Exhaust Air Filtration Normal Filters Usage Intermittent 24 Hours ii) Air Conditioning Room Temperature Relative Humidity (%) Permissible Noise Level (nc) Air Filtration Normal Filters iii) Air-conditioning (usage) Intermittent 24 Hours				SOKET 13 Amp Single 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others			
A03. WINDOW				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				SALURAN AIR Cold Only RO Water Special Drainage Requirement Grease Trap Plaster Trap Other				PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others			
A04. INTERNAL GLAZING				B5. PNEUMATIC TUBE				D5. MATV SYSTEM			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				B6. SPECIAL REQUIREMENT				Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others			
A05. HATCH / PASS THROUGH COUNTER				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D6. DIGITAL CALLING SYSTEM			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				C1. NETWORK POINTS UTP 4 STP Wifi				Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others			
A06. SIGNAGES				C2. TELEPHONE				D7. NURSE CALL SYSTEM			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				Specification Type A Type B Type C 1 Fax Digital/Analog/VOIP				Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others			
A07. BUILT-IN FURNITURES				C3. COMPUTER				D8. DB. AUDIO VISUAL SYSTEM			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				Workstation Type Qty 2 Tablet Type Laptop/Notebook Type Qty				LCD Projector Projector Screen Microphone Speaker AV Rack Others			
A08. LABORATORY FURNITURES				C4. PACS Workstation				GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				Reporting Station Qty Viewing Station Digitiser Qty				Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)			
A09. LOOSE FURNITURES				C5. PRINTERS				GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				Type Network Printer (A3) Colour Network Printer (A4) Black Network Printer (A4) Colour Qty 1 Local Printer (A4) Black Local Printer (A4) Colour Barcode Printer Qty 1				Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)			
A10. ACCESSORIES				C6. MISCELLANEOUS				GROUP 3 - LOOSE EQUIPMENTS			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				Barcode Scanner 2 Mykad Reader Info Kiosk Flatbed Scanner Video Conferencing UPS(600VA) Qty 2				Equipment Supply and Install by Client Loose Medical Equipment Item Code Item Description M/E Qty			
A11. WALL TYPES				GROUP 4 - CONSUMABLES				F. REMARKS			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				Others Detail/Equipment Item Code Item Description				Note: * to be fill based on project			
A12. SANITARY WARES & FITTING				GROUP 5 - CONSUMABLES				GROUP 6 - CONSUMABLES			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				Others Detail/Equipment Item Code Item Description				Others Detail/Equipment Item Code Item Description			
A13. OTHERS				GROUP 7 - CONSUMABLES				GROUP 8 - CONSUMABLES			
Code P1Ca / KI Remarks Grille Low level window High level window Remarks				Others Detail/Equipment Item Code Item Description				Others Detail/Equipment Item Code Item Description			

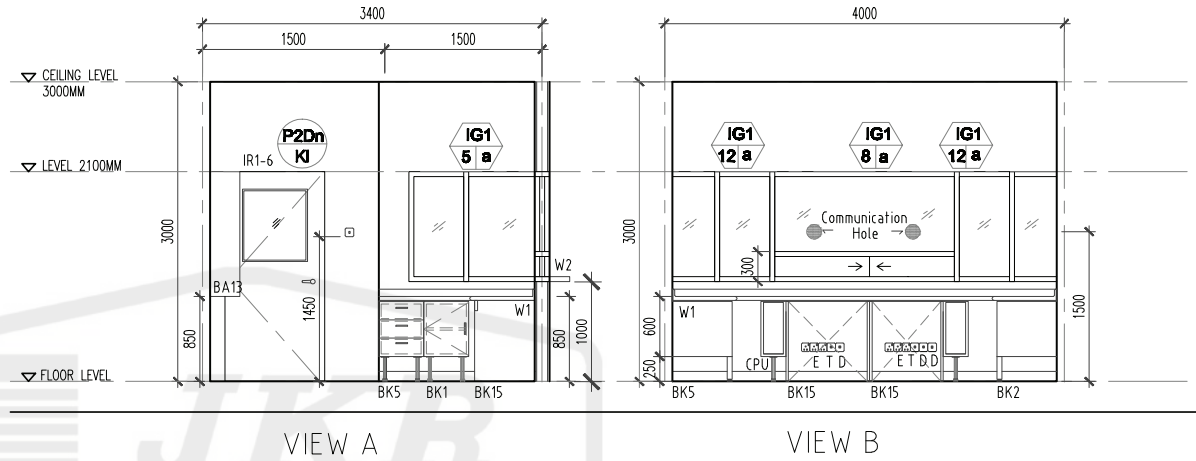


FLOOR PLAN



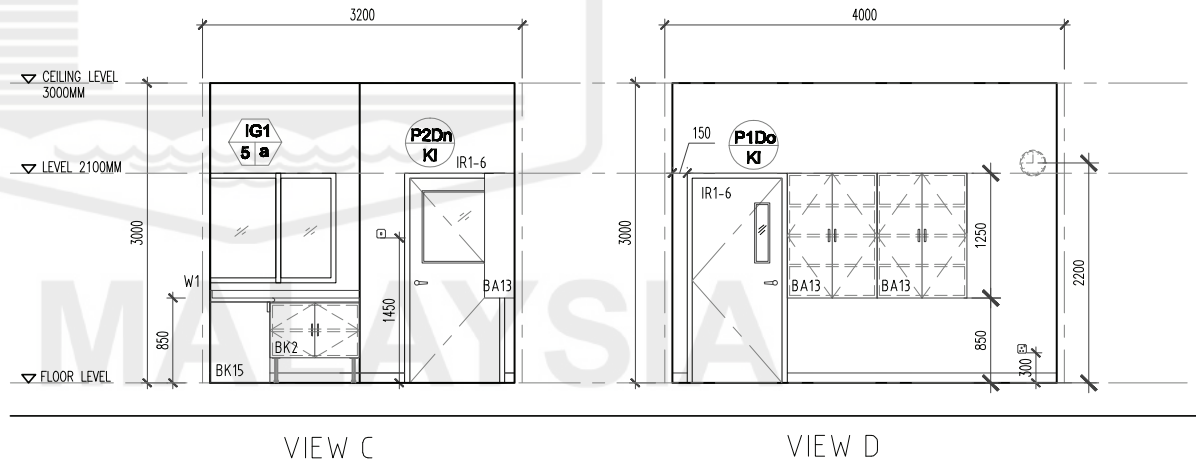
CEILING PLAN

ROOM CODE	
HT1	ST
EMP	PC1
24 j	3000
14 (M²)	
0.00	



VIEW A

VIEW B



VIEW C

VIEW D

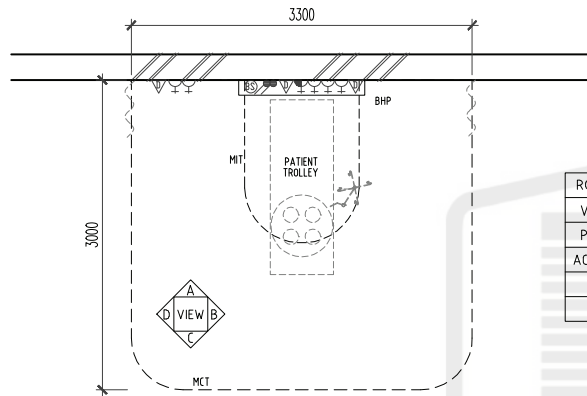
NOTE:
- ALL 24HR A/C ROOM SHALL HAVE:
1. CAVITY WALL UP TO SOFFIT
2. LAMINATED SUSPENDED GYPSUM BOARD CEILING
3. DOORS AND WINDOW SHALL BE DOUBLE GLAZING
- REFER TO THE GUIDELINES FOR THE PREVENTION OF FUNGUS LATEST ISSUED BY JKR

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	TRIAGE (PRIMARY)	JKR/CA/P-DRP/07/26/PEL15/006/37
			DRAWING TYPE	REVISION
			DATE	
			SCALE	
			NOV 2017	not to scale

ROOM SIZE: 14m ²				OCCUPANCY LOAD:				*DEPARTMENT:				ROOM NAME: TRIAGE (PRIMARY)				*ROOM CODE:							
A. ARCHITECTURAL REQUIREMENTS								B. MECHANICAL REQUIREMENTS								D. ELECTRICAL REQUIREMENTS							
A01. FINISHES								B1. MECHANICAL GAS								D1. LIGHTING SYSTEM							
Wall Ceiling Floor Skirting EMP FC1 HT1 ST								B1.1 GAS PIPING Bil. B1.2 TYPE OF OUTLET Bil. Oxygen Wall Mounted Nitrous Oxide Bedhead Panel Medical Vacuum Medical Pendant Medical Air - 4 bar Neonatal Workstation Surgical Air - 7 bar A&E Workstation Surgical Air - 10 bar Esonox Other								D1.1 Lighting Intensity 300 ii) Type Type Qty Fluorescent 4 Downlight iii) Others Type Qty Night Light Emergency Light 1 Stage Lighting							
A02. DOOR								B2. FIRE FIGHTING								D2. VENTILATION							
Code P1Do / KL 1 P1Dn / KL 2 Grille none Remarks DOOR ACCESSORIES Ironmongery R1-6 Door Protection Push Plate Crash Plate Kick Plate Remarks								B2.1 FIRE FIGHTING Sprinkler System v Pendant type 1 Conceal type Sidewall Fire Extinguisher CO2 Portable DP portable Fire Alarm Clean Agent Smoke Detector Heat Detector Combine Alarm Bell Flashing Light Sounder								D2.1 VENTILATION Qty NOTES Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others							
A03. WINDOW								B3. VENTILATION SYSTEM								D3. POWER SOURCE							
Window Bil. Specification / specification / Grille Restrictor 30" Lockable Key Alike Low level window Restrictor 60" Single glazing High level window Insect Netting Double glazing / Remarks								B3.1 Ventilation Mechanical Vent Natural Vent Ceiling Fan Air Extraction - Mechanical Ventilation Ducted Exhaust Non Ducted Exhaust Air Filtration Normal Filters v Hepa Filters Usage Intermittent Office Hours 24 Hours v Extended Hours								D3.1 POWER SOURCE Normal Essential UPS Notes 13 Amp Single 5 2 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others							
A04. INTERNAL GLAZING								B4. WATER AND SANITARY REQUIREMENT								D4. AUDIO SYSTEM							
IG1/8a Bil. IG1/5 Bil. 2 IG1/Corner Window 2								B4.1 SALURAN AIR Bil. Bil. Cold Only Hot & Cold RO Water Outlet Special Drainage Requirement Grease Trap Neutralised Tank Plaster Trap Other								D4.1 AUDIO SYSTEM Qty Notes PA SYSTEM Ceiling speaker 1 Volume Control Box Speaker PA Rack Others							
A05. HATCH / PASS THROUGH COUNTER								B5. PNEUMATIC TUBE								D5. MATV SYSTEM							
																Sistem MATV Qty Notes MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others							
A06. SIGNAGES								B6. SPECIAL REQUIREMENT								D6. DIGITAL CALLING SYSTEM							
Bil.																Digital Calling System Qty Notes Main Display Unit Display Unit Ticket Printer Counter/room terminal Others							
A07. BUILT-IN FURNITURES								C. IT REQUIREMENTS								D7. NURSE CALL SYSTEM							
BK1 1 BK2 1 BA13 2 BK15 2 BK5 1								C1. NETWORK POINTS UTP STP Wifi 3 C2. TELEFON Specification Type A Type B Type C Fax Quantity 2 Digital/Analog/VOIP C3. COMPUTER Workstation Tablet Laptop/Notebook Type Qty Type Qty 1 C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty Qty Qty C5. PRINTERS Type Qty Network Printer (A3) Colour Local Printer (A4) Black Network Printer (A4) Black Local Printer (A4) Colour Network Printer (A4) Colour Barcode Printer								D7.1 NURSE CALL SYSTEM Qty Notes Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue 1 B.STAFF Light Display Console Others							
A08. LABORATORY FURNITURES								C6. MISCELLANEOUS								D8. AUDIO VISUAL SYSTEM							
Bil.								Qty Qty								LCD Projector Qty Notes Projector Screen Microphone Speaker AV Rack Others							
A09. LOOSE FURNITURES																D9. SECURITY SYSTEM							
LF21 2																Security System A. CCTV System Dome Camera PTZ Camera Monitor Recorder/Decoder Others B. Access System Card reader w keypad Card reader w door release Intercom Intercom w door release Call bell Video Intercom Video Intercom w d/release Others C. Intercom Socket Audio Intercom Video Intercom Others							
A10. ACCESSORIES																E. MEDICAL AND NON MEDICAL REQUIREMENTS							
Floor Mounted / Wall Protection Cubical Track IV Track Blind Artworks																Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply & Install By Contractor As per Contract Document Fixed Medical Equipment Related To Electrical Item Code Item Description Qty. Fixed Medical Equipment Related To Mechanical Item Notes Qty. Others Qty. Item Notes							
A11. WALL TYPES																F. REMARKS							
Cavity Wall / Single Wall Dry wall Curtain Wall Remarks / Others																Code GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL No. Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital) Item Notes Qty. Others							
A12. SANITARY WARES & FITTING																							
Bil.																							
A13. OTHERS																							
Bil.																							

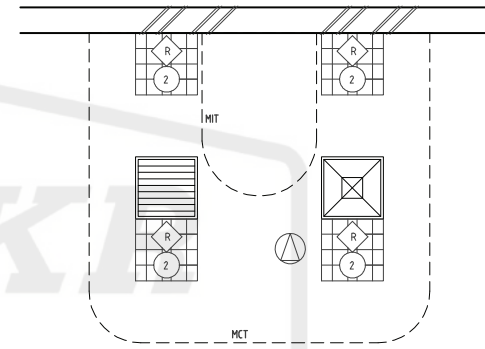
 KEMENTERIAN KESIHATAN MALAYSIA		 JABATAN KERJA RAYA MALAYSIA		HODT ARCHITECT : CAWANGAN ARKITEK, JKR MALAYSIA		HODT MECHANICAL : CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA		HODT ELECTRIC : CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		HODT ICT : CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		CLIENT BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA		ROOM NAME : TRIAGE (PRIMARY) DRAWING NO : JKR/CA/P-DRP/07/26/PEL15/006/37 DATE © 2017 Jabatan Kerja Raya Malaysia , Hak Cipta Terpelihara	
---	--	--	--	---	--	--	--	---	--	--	--	---	--	--	--

Item	Accessories	Quantity	Remarks
1	Cabinet		
2	Drip Stand		
3	Hook-Drip Stand		
4	Flat hook,L=300mm		
5	Flat hook,L=200mm		
6	Smart Clamp		
7	Corrugated Hook,L=200mm		
8	Ventilator Tray		
9	Medi-Rail		
10	Defibrillator Tray		
11	Waste Paper Basket		
12	Cathether Basket		
13	Monitor Tray		



FLOOR PLAN

ROOM CODE	
V1	SV
PU	LGB1
AC24	3M
	10M ²
	-

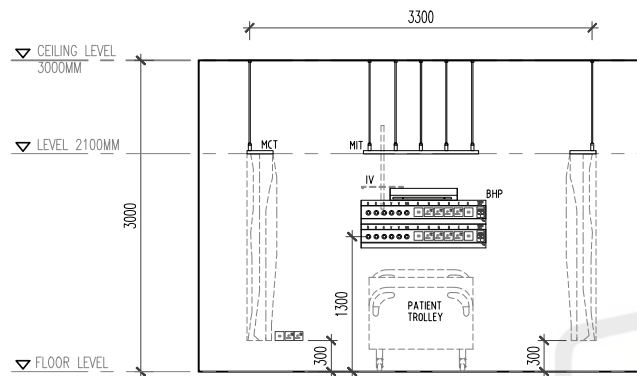


CEILING PLAN

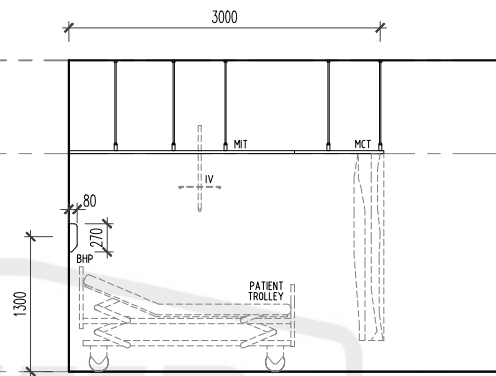
PETUNJUK :	
	MEDICAL GAS OUTLETS
	ESS
	UPS
	NORMAL
	NURSE CALL
	RCD
	MEDICAL IV TRACK
	MEDICAL CURTAIN TRACK
	PATIENT BEDHEAD PANEL
	IV TRACK

JKR MALAYSIA

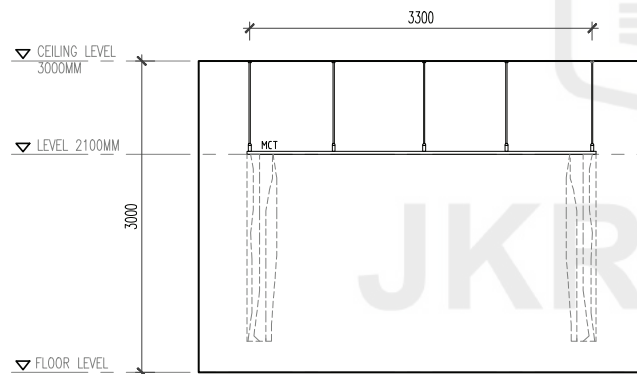
CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	RESUSCITATION BAY (BED HEAD PANEL)	JKR/CA/P-DRP/07/26/PEL15/006/38-1
			DRAWING TYPE	PINDAAN
			DATE	
			NOV 2017	
			SCALE	
			not to scale	



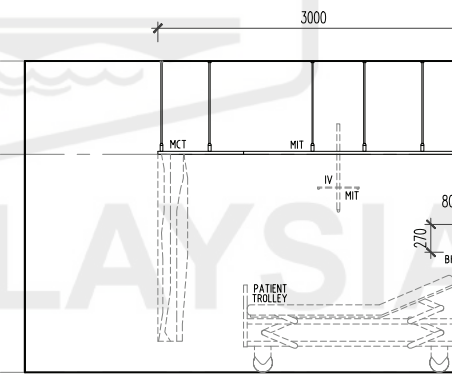
VIEW A



VIEW B



VIEW C



VIEW D

Item	Accessories	Quantity	Remarks
1	Cabinet		
2	Drip Stand		
3	Hook-Drip Stand		
4	Flat hook,L=300mm		
5	Flat hook,L=200mm		
6	Smart Clamp		
7	Corrugated Hook,L=200mm		
8	Ventilator Tray		
9	Madi-Rail		
10	Defibrillator Tray		
11	Waste Paper Basket		
12	Cathether Basket		
13	Monitor Tray		

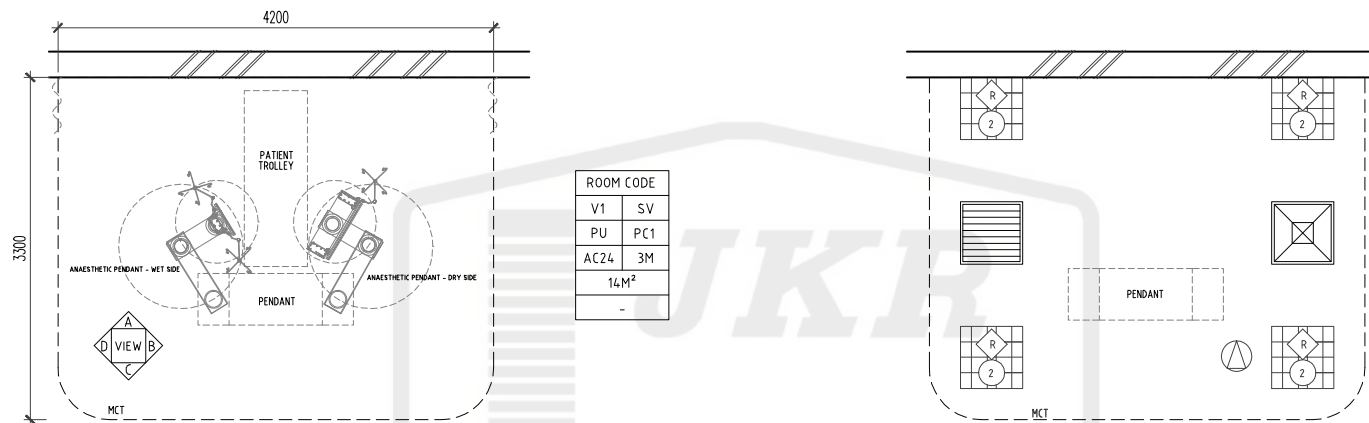
PETUNJUK :	
	MEDICAL GAS OUTLETS
	ESS
	UPS
	NORMAL
	NURSE CALL
	RCD
	MEDICAL IV TRACK
	MEDICAL CURTAIN TRACK
	PATIENT BEDHEAD PANEL
	IV TRACK

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	RESUSCITATION BAY (BED HEAD PANEL)	JKR/CA/P-DRP/07/26/PEL15/006/38-2
			DRAWING TYPE	PINDAH
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

[illegible]

Item	Accessories	Quantity	Remarks
1	Cabinet		
2	Drip Stand		
3	Hook-Drip Stand		
4	Flat hook,L=300mm		
5	Flat hook,L=200mm		
6	Smart Clamp		
7	Corrugated Hook,L=200mm		
8	Ventilator Tray		
9	Madi-Rail		
10	Defibrillator Tray		
11	Waste Paper Basket		
12	Cathether Basket		
13	Monitor Tray		

PETUNJUK :	
	MEDICAL GAS OUTLETS
	ESS
	UPS
	NORMAL
	NURSE CALL
	RCD
	MEDICAL IV TRACK
	MEDICAL CURTAIN TRACK
	IV TRACK

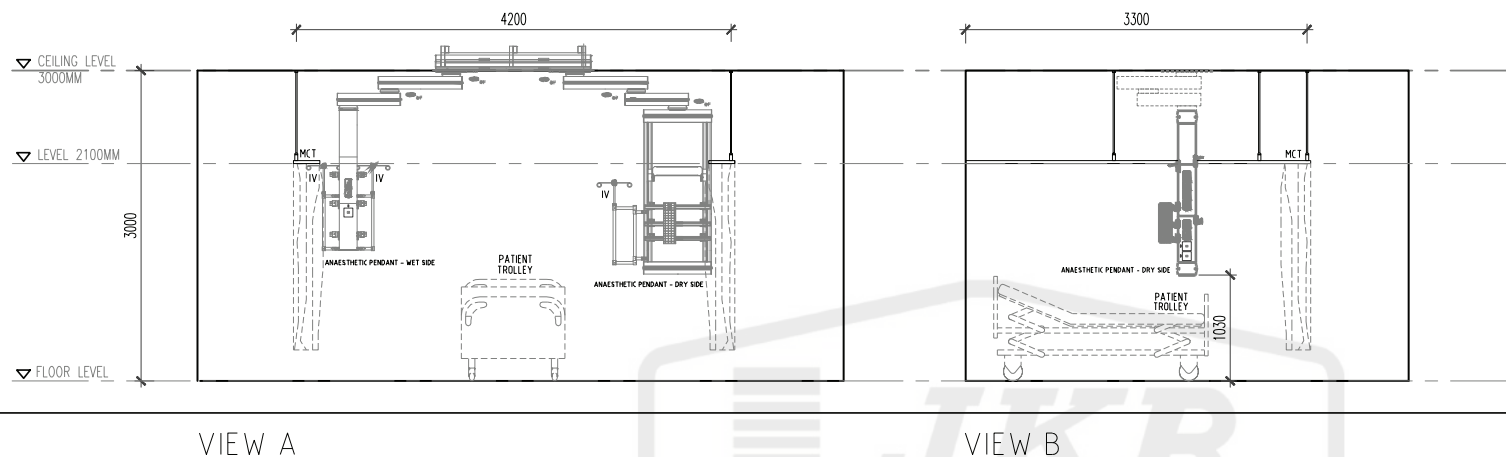


FLOOR PLAN

CEILING PLAN

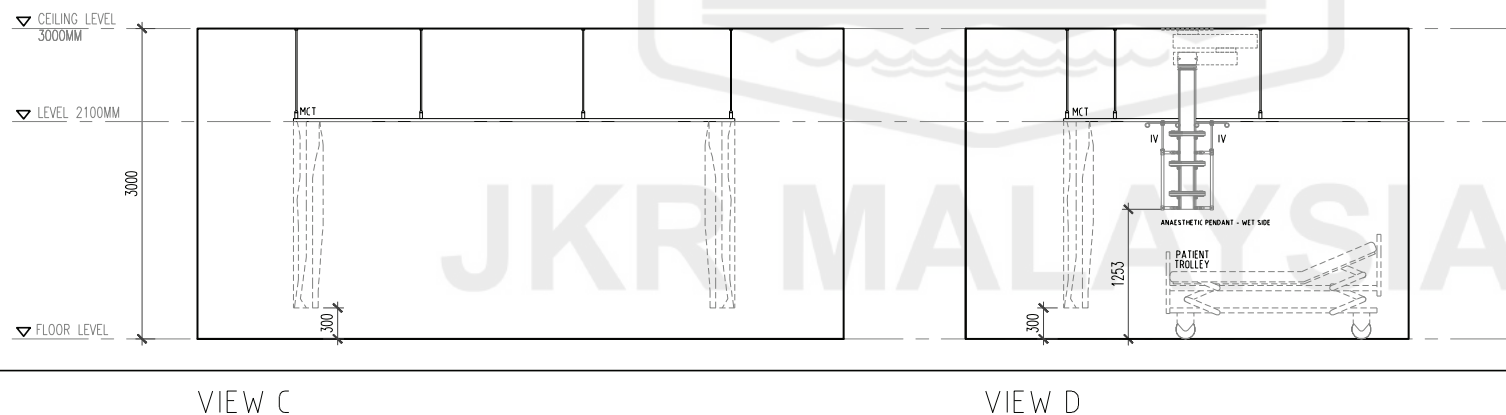
JKR MALAYSIA

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	RESUSCITATION BAY (PENDANT)	JKR/CA/P-DRP/07/26/PEL15/006/39-1
			DRAWING TYPE	PENDANT
			DATE	
			NOV 2017	
			SCALE	
			not to scale	



Item	Accessories	Quantity	Remarks
1	Cabinet		
2	Drip Stand		
3	Hook-Drip Stand		
4	Flat hook,L=300mm		
5	Flat hook,L=200mm		
6	Smart Clamp		
7	Corrugated Hook,L=200mm		
8	Ventilator Tray		
9	Modi-Rail		
10	Defibrillator Tray		
11	Waste Paper Basket		
12	Catheter Basket		
13	Monitor Tray		

PETUNJUK :	
	MEDICAL GAS OUTLETS
	ESS
	UPS
	NORMAL
	NURSE CALL
	RCD
	MEDICAL IV TRACK
	MEDICAL CURTAIN TRACK
	IV TRACK

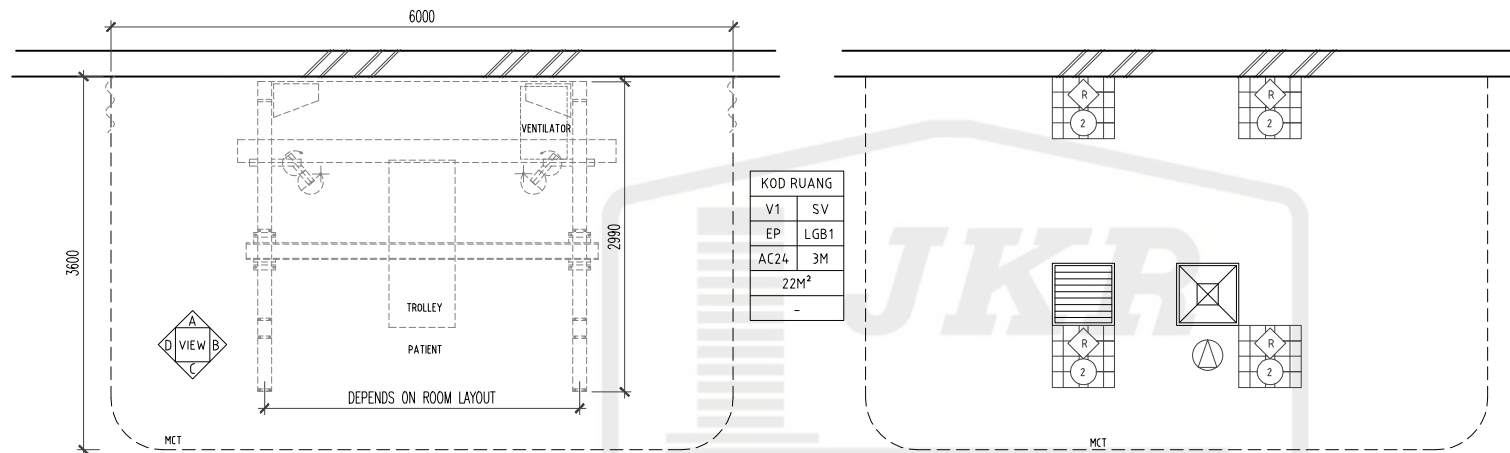


CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	RESUSCITATION BAY (PENDANT)	JKR/CA/P-DRP/07/26/PEL15/006/39-2
			DRAWING TYPE	
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

ROOM SIZE: 14 m2		OCCUPANCY LOAD:		* DEPARTMENT:		ROOM NAME: RESUSCITATION BAY (PENDANT)		* ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION			
Wall F1 - Plaster & Plaster paint (washable/scrub able)				Ceiling F2 - Plaster jointless Ceiling with anti bacteria, washable Paint				Floor F3 - Heavy Duty Homos. Vinyl Flooring			
Skirting S1 - 100mm high Vinyl skirting to match											
A02. DOOR				B2. FIRE PROTECTION				D2. VENTILATION SYSTEM			
Door 1				Door 2				Door 3			
Code				Bil.				Qty			
Grille				Bil.				Qty			
Remarks				Bil.				Qty			
DOOR ACCESSORIES				Bil.				Qty			
Ironmongery				Bil.				Qty			
Door Protection				Bil.				Qty			
Push Plate				Bil.				Qty			
Crash Plate				Bil.				Qty			
Kick Plate				Bil.				Qty			
Remarks				Bil.				Qty			
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT			
Bil.				Specification				Normal			
Code				Bil.				Essential			
Grille				Bil.				UPS			
Low level window				Bil.				Notes			
High level window				Bil.							
Remarks				Bil.							
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM			
Bil.				Bil.				Qty			
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM			
Bil.				Bil.				Qty			
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM			
Bil.				Bil.				Qty			
A07. BUILT-IN FURNITURES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				D7. NURSE CALL SYSTEM			
Bil.				Bil.				Qty			
A08. LABORATORY FURNITURES				C1. NETWORK POINTS				D8. DB. AUDIO VISUAL SYSTEM			
Bil.				Bil.				Qty			
A09. LOOSE FURNITURES				C2. TELEPHONE				D9. SECURITY SYSTEM			
Bil.				Bil.				Qty			
A10. ACCESSORIES				C3. COMPUTER				Notes			
Floor Mounted / Wall Protection				C4. PACS Workstation				Notes			
Cubical Track				C5. PRINTERS				Notes			
IV Track				C6. MISCELLANEOUS				Notes			
A11. WALL TYPES				C7. OTHERS				Notes			
Cavity Wall				C8. OTHERS				Notes			
Single Wall				C9. OTHERS				Notes			
Dry wall				C10. OTHERS				Notes			
Curtain Wall				C11. OTHERS				Notes			
Remarks / Others				C12. OTHERS				Notes			
A12. SANITARY WARES & FITTING				C13. OTHERS				Notes			
Bil.				Bil.				Notes			
A13. OTHERS				C14. OTHERS				Notes			
Bil.				Bil.				Notes			
MIT				C15. OTHERS				Notes			
1				C16. OTHERS				Notes			
				C17. OTHERS				Notes			
				C18. OTHERS				Notes			
				C19. OTHERS				Notes			
				C20. OTHERS				Notes			
				C21. OTHERS				Notes			
				C22. OTHERS				Notes			
				C23. OTHERS				Notes			
				C24. OTHERS				Notes			
				C25. OTHERS				Notes			
				C26. OTHERS				Notes			
				C27. OTHERS				Notes			
				C28. OTHERS				Notes			
				C29. OTHERS				Notes			
				C30. OTHERS				Notes			
				C31. OTHERS				Notes			
				C32. OTHERS				Notes			
				C33. OTHERS				Notes			
				C34. OTHERS				Notes			
				C35. OTHERS				Notes			
				C36. OTHERS				Notes			
				C37. OTHERS				Notes			
				C38. OTHERS				Notes			
				C39. OTHERS				Notes			
				C40. OTHERS				Notes			
				C41. OTHERS				Notes			
				C42. OTHERS				Notes			
				C43. OTHERS				Notes			
				C44. OTHERS				Notes			
				C45. OTHERS				Notes			
				C46. OTHERS				Notes			
				C47. OTHERS				Notes			
				C48. OTHERS				Notes			
				C49. OTHERS				Notes			
				C50. OTHERS				Notes			
				C51. OTHERS				Notes			
				C52. OTHERS				Notes			
				C53. OTHERS				Notes			
				C54. OTHERS				Notes			
				C55. OTHERS				Notes			
				C56. OTHERS				Notes			
				C57. OTHERS				Notes			
				C58. OTHERS				Notes			
				C59. OTHERS				Notes			
				C60. OTHERS				Notes			
				C61. OTHERS				Notes			
				C62. OTHERS				Notes			
				C63. OTHERS				Notes			
				C64. OTHERS				Notes			
				C65. OTHERS				Notes			
				C66. OTHERS				Notes			
				C67. OTHERS				Notes			
				C68. OTHERS				Notes			
				C69. OTHERS				Notes			
				C70. OTHERS				Notes			
				C71. OTHERS				Notes			
				C72. OTHERS				Notes			
				C73. OTHERS				Notes			
				C74. OTHERS				Notes			
				C75. OTHERS							

Item	Accessories	Quantity	Remarks
1	Cabinet		
2	Drip Stand		
3	Hook-Drip Stand		
4	Flat hook,L=300mm		
5	Flat hook,L=200mm		
6	Smart Clamp		
7	Corrugated Hook,L=200mm		
8	Ventilator Tray		
9	Modi-Rail		
10	Defibrillator Tray		
11	Waste Paper Basket		
12	Cathether Basket		
13	Monitor Tray		

PETUNJUK :	
	MEDICAL GAS OUTLETS
	ESS
	UPS
	NORMAL
	NURSE CALL
	RCD
	MEDICAL IV TRACK
	MEDICAL CURTAIN TRACK
	IV TRACK

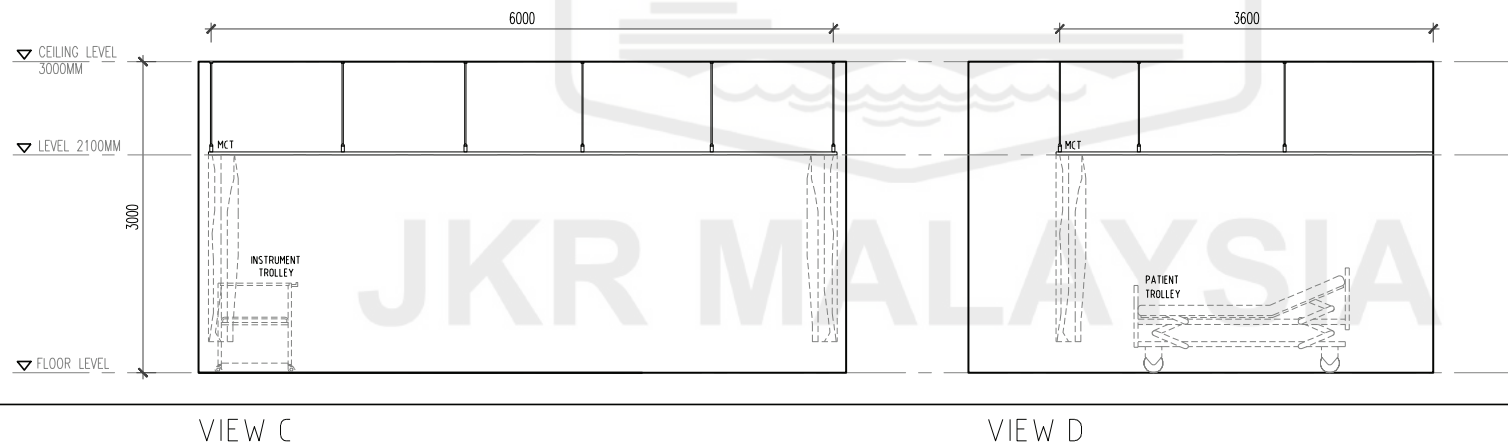


FLOOR PLAN

CEILING PLAN

JKR MALAYSIA

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	RESUSCITATION BAY (A & E WORKSTATION)	
			DRAWING TYPE	JKR/CA/P-DRP/07/26/PEL15/006/40-1
			DATE	PINDAAN
			NOV 2017	
			SCALE	
			not to scale	

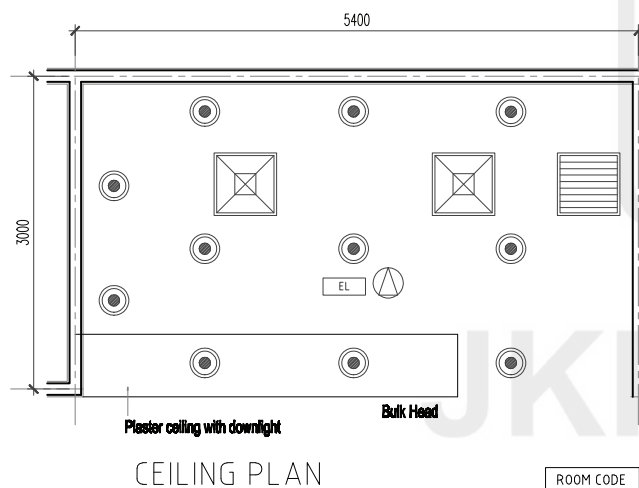
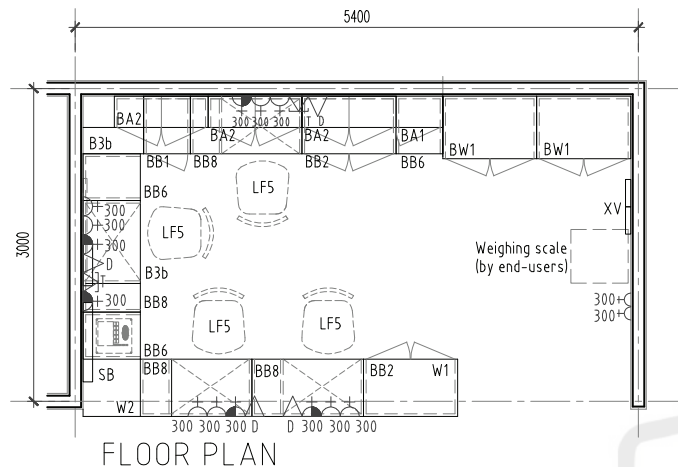


Item	Accessories	Quantity	Remarks
1	Cabinet		
2	Drip Stand		
3	Hook-Drip Stand		
4	Flat hook,L=300mm		
5	Flat hook,L=200mm		
6	Smart Clamp		
7	Corrugated Hook,L=200mm		
8	Ventilator Tray		
9	Mad-Rail		
10	Defibrillator Tray		
11	Waste Paper Basket		
12	Catheter Basket		
13	Monitor Tray		

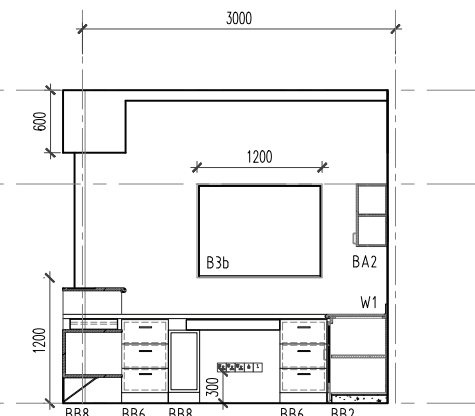
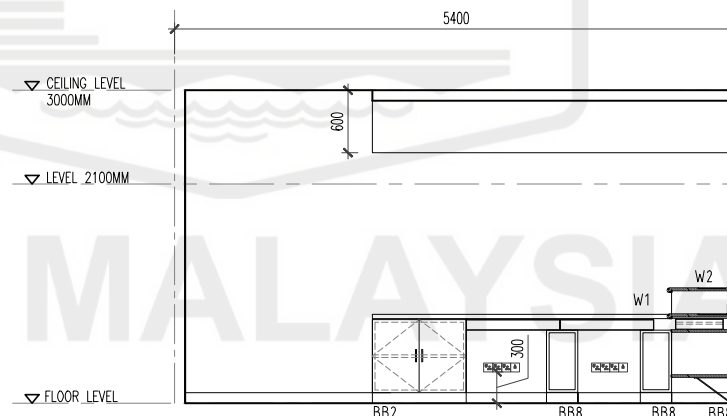
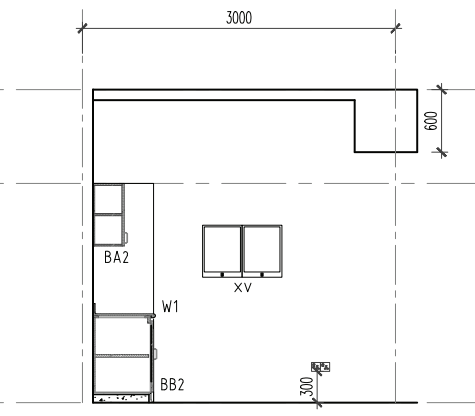
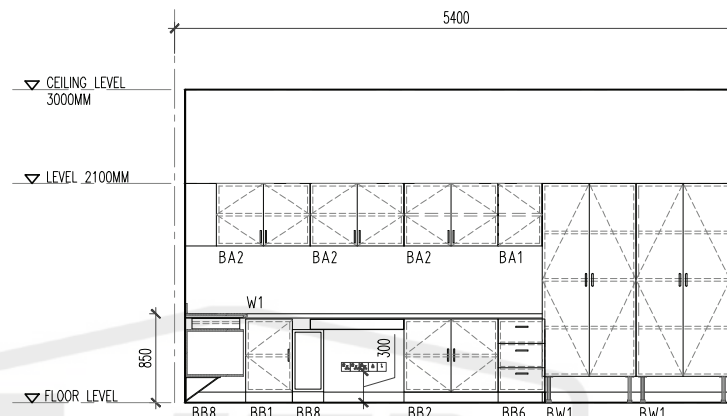
PETUNJUK :	
	MEDICAL GAS OUTLETS
	ESS
	UPS
	NORMAL
	NURSE CALL
	RCD
MIT	MEDICAL IV TRACK
MCT	MEDICAL CURTAIN TRACK
	IV TRACK

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.											
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	RESUSCITATION BAY (A & E WORKSTATION)	JKR/CA/P-DRP/07/26/PEL 15/006/40-2											
			VIEW												
			DATE	SCALE											
NOV 2017	not to scale														

92



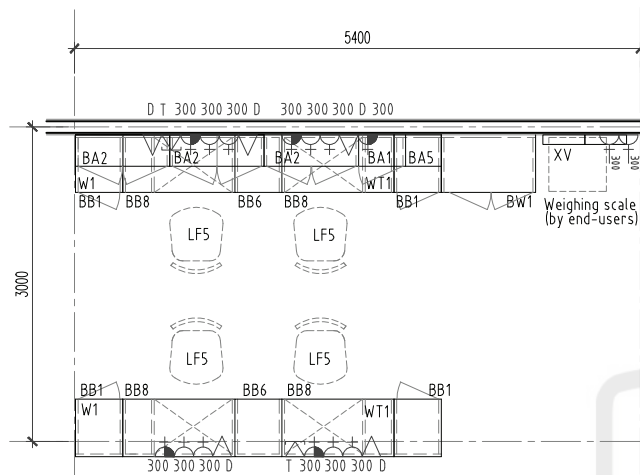
ROOM CODE	
V1	SV
EP	PC1
A/C	3M
16M ²	
-	



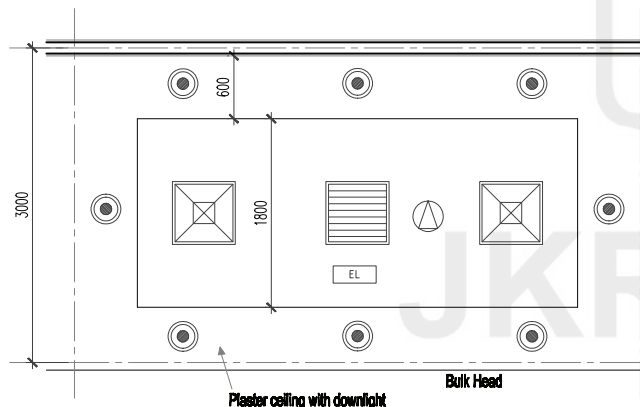
NOTE:
 - Location of Pneumatic tube as per client's suggestion
 - Pneumatic tube shall be integrated with ID works

CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	NURSE STATION ('U' SHAPE)	JKR/CA/P-DRP/07/26/PEL15/006/41
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

ROOM SIZE: 16sqm ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: NURSE STATION ('U' SHAPE)		*ROOM CODE:							
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS							
A01. FINISHES Wall EP Ceiling PC1 Floor V1 Skirting SV				B1. MEDICAL GAS JIGAS PIPING Bil. iijTYPE OF OUTLET Bil. Nitrous Oxide Medical Vacuum Medical Air - 4 bar Surgical Air - 7 bar Surgical Air - 10 bar Etanol Other				D1. LIGHTING SYSTEM i) Lighting Intensity Lux Type Qty ii) Type Type Qty iii) Others Type Qty Emergency Light Stage Lighting							
A02. DOOR Code Grille Remarks DOOR ACCESSORIES Ironmongery Door Protection Push Plate Crash Plate Kick Plate Remarks				B2. FIRE FIGHTING Sprinkler System Pendant type Fire Extinguisher CO2 Portable Fire Alarm Smoke Detector Alarm Bell				D2. VENTILATION Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others							
A03. WINDOW Code Grille Low level window High level window Remarks				B3. VENTILATION SYSTEM i. Ventilation Mechanical Vent Natural Vent Ceiling Fan Air Extraction - Mechanical Ventilation Ducted Exhaust Air Filtration Normal Filters Hepa Filters Usage Intermittent 24 Hours Office Hours Extended Hours ii) Air Conditioning Room Temperature (°C) 24°F ± 1°F Air Change Relative Humidity (%) Room Static Level (Pa) Permissible Noise Level (nc) Total Exhaust Y/N Air Filtration Normal Filters 1 HEPA Filters iii) Air-conditioning (usage) Intermittent 24 Hours Office Hours Extended Hours				D3. POWER SOURCE Socket Normal Essential UPS Notes 13 Amp Single 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others							
A04. INTERNAL GLAZING IGI-8 Bil. 3				B4. WATER AND SANITARY REQUIREMENT SALURAN AIR Cold Only RO Water Special Drainage Requirement Grease Trap Plaster Trap				D4. AUDIO SYSTEM PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others							
A05. HATCH / PASS THROUGH COUNTER Bil. 1				B5. PNEUMATIC TUBE B6. SPECIAL REQUIREMENT				D5. MATV SYSTEM Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others							
A06. SIGNAGES RS5 DC Bil. 1				C. IT REQUIREMENTS C1. NETWORK POINTS UTP STP Wifi 6				D6. DIGITAL CALLING SYSTEM Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others							
A07. BUILT-IN FURNITURES BB2 BB8 BB6 BB1 BW1 BA1 Bil. 2 4 1 3 1 1				C2. TELEFON Specification Type A Type B Type C Fax Quantity Digital/Analog/VOIP				D7. NURSE CALL SYSTEM Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others							
A08. LABORATORY FURNITURES LF36 Bil. 4				C3. COMPUTER Workstation Tablet Laptop/Notebook Type Qty Type Qty Type Qty				D8. AUDIO VISUAL SYSTEM LCD Projector Projector Screen Microphone Speaker AV Rack Others							
A09. LOOSE FURNITURES Bil. 1				C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty Qty Qty				GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)							
A10. ACCESSORIES Floor Mounted / Wall Protection Cubical Track IV Track Bil. 1				C5. PRINTERS Type Qty Network Printer (A3) Colour Network Printer (A4) Black Network Printer (A4) Colour Barcode Printer Qty Qty Qty Qty Qty				GROUP 3 - LOOSE EQUIPMENTS Equipment supply and install by Client Loose Medical Equipment Item Code Item Description M/E Qty							
A11. WALL TYPES Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				C6. MISCELLANEOUS Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA) Qty Qty Qty Qty				Loose Non-Medical Equipment Item Code Item Description M/E Qty							
A12. SANITARY WARES & FITTING Bil. 1				GROUP 4 - CONSUMABLES Others Detail/Equipment Item Code Item Description				Loose Medical Furniture Item Code Item Description M/E Qty							
A13. OTHERS Worktop : HP2 Bil. 1				F. REMARKS				GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)							
 KEMENTERIAN KESIHATAN MALAYSIA		 JABATAN KERJA RAYA MALAYSIA		HODT ARCHITECT : CAWANGAN ARKITEK, JKR MALAYSIA		HODT MECHANICAL : CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA		HODT ELECTRIC : CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		HODT ICT : CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		CLIENT BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA		ROOM NAME : NURSE STATION ('U' SHAPE) DRAWING NO. : JKR/CA/P-DRP/07/26/PEL15/006/41 DATE © 2017 Jabatan Kerja Raya Malaysia , Hak Cipta Terpelihara	

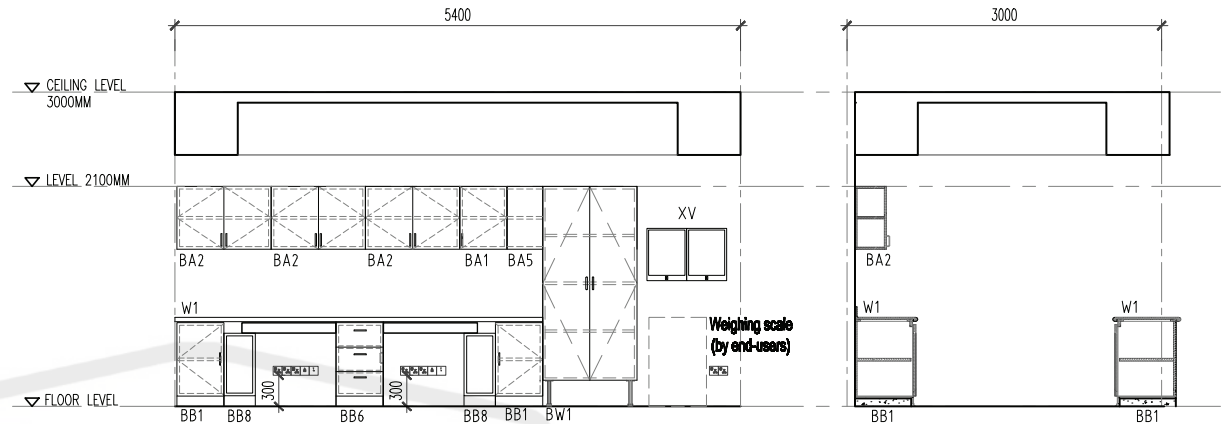


FLOOR PLAN



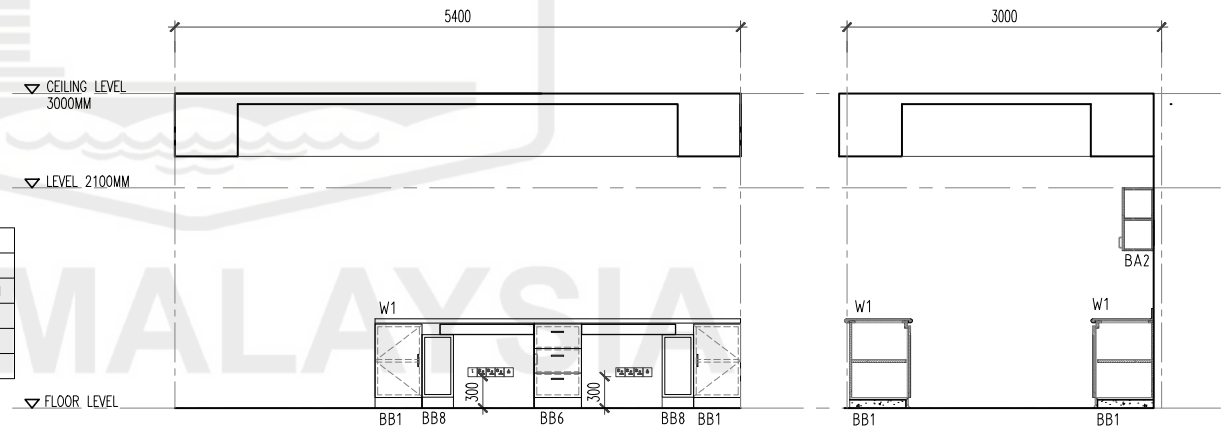
CEILING PLAN

ROOM CODE	
V1	SV
EP	PC1
A/C	3M
16M²	
-	



VIEW A

VIEW B



VIEW C

VIEW D

NOTE:
- Location of Pneumatic tube as per client's suggestion
- Pneumatic tube shall be integrated with ID works

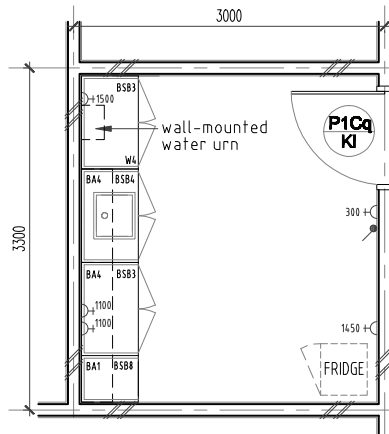
CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	NURSE STATION (ISLAND SHAPE)	JKR/CA/P-DRP/07/26/PEL15/006/42
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

ROOM SIZE: 16 sqm ²				OCCUPANCY LOAD:				*DEPARTMENT:				ROOM NAME: NURSE STATION (ISLAND SHAPE)				ROOM NAME:																																																					
A. ARCHITECTURAL REQUIREMENTS								B. MECHANICAL REQUIREMENTS								D. ELECTRICAL REQUIREMENTS																																																					
A01. FINISHES								B1. MEDICAL GAS								D1. LIGHTING SYSTEM																																																					
<table border="1"> <tr> <th>Wall</th> <th>Ceiling</th> <th>Floor</th> <th>Skirting</th> </tr> <tr> <td>EP</td> <td>PC1</td> <td>V1</td> <td>SV</td> </tr> </table>								Wall	Ceiling	Floor	Skirting	EP	PC1	V1	SV	<table border="1"> <tr> <th>JGAS PIPING</th> <th>Bil.</th> <th>ij)TYPE OF OUTLET</th> <th>Bil.</th> </tr> <tr> <td>Oxygen</td> <td></td> <td>Bedhead Panel</td> <td></td> </tr> <tr> <td>Nitrous Oxide</td> <td></td> <td>Medical Vacuum</td> <td></td> </tr> <tr> <td>Medical Air - 4 bar</td> <td></td> <td>Neonatal Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 7 bar</td> <td></td> <td>A&E Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 10 bar</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Etonox</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> </tr> </table>								JGAS PIPING	Bil.	ij)TYPE OF OUTLET	Bil.	Oxygen		Bedhead Panel		Nitrous Oxide		Medical Vacuum		Medical Air - 4 bar		Neonatal Workstation		Surgical Air - 7 bar		A&E Workstation		Surgical Air - 10 bar				Etonox				Other				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> <th>Code</th> </tr> <tr> <td>Notes</td> <td></td> <td></td> </tr> </table>								Notes	Qty.	Code	Notes		
Wall	Ceiling	Floor	Skirting																																																																		
EP	PC1	V1	SV																																																																		
JGAS PIPING	Bil.	ij)TYPE OF OUTLET	Bil.																																																																		
Oxygen		Bedhead Panel																																																																			
Nitrous Oxide		Medical Vacuum																																																																			
Medical Air - 4 bar		Neonatal Workstation																																																																			
Surgical Air - 7 bar		A&E Workstation																																																																			
Surgical Air - 10 bar																																																																					
Etonox																																																																					
Other																																																																					
Notes	Qty.	Code																																																																			
Notes																																																																					
A02. DOOR								B2. FIRE FIGHTING								D2. VENTILATION																																																					
<table border="1"> <tr> <th>Door 1</th> <th>Bil.</th> <th>Door 2</th> <th>Bil.</th> <th>Door 3</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Door 1	Bil.	Door 2	Bil.	Door 3	Bil.							<table border="1"> <tr> <th>Pendant type</th> <th>Conceal type</th> <th>Sidewall</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Pendant type	Conceal type	Sidewall				<table border="1"> <tr> <th>Qty</th> <th>NOTES</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty	NOTES																										
Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																																
Pendant type	Conceal type	Sidewall																																																																			
Qty	NOTES																																																																				
A03. WINDOW								B3. VENTILATION SYSTEM								D3. POWER SOURCE																																																					
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Window	Bil.	Specification	/	specification	/							<table border="1"> <tr> <th>i)Ventilation</th> <th></th> <th>Natural Vent</th> <th>Ceiling Fan</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								i)Ventilation		Natural Vent	Ceiling Fan					<table border="1"> <tr> <th>Normal</th> <th>Essential</th> <th>UPS</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Normal	Essential	UPS	Notes																						
Window	Bil.	Specification	/	specification	/																																																																
i)Ventilation		Natural Vent	Ceiling Fan																																																																		
Normal	Essential	UPS	Notes																																																																		
A04. INTERNAL GLAZING								B4. WATER AND SANITARY REQUIREMENT								D4. AUDIO SYSTEM																																																					
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Bil.		Bil.				<table border="1"> <tr> <th>Saluran Air</th> <th>Bil.</th> <th>Hot & Cold</th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Saluran Air	Bil.	Hot & Cold	Bil.					<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty	Notes																														
Bil.		Bil.																																																																			
Saluran Air	Bil.	Hot & Cold	Bil.																																																																		
Qty	Notes																																																																				
A05. HATCH / PASS THROUGH COUNTER								B5. PNEUMATIC TUBE								D5. MATV SYSTEM																																																					
																<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty	Notes																																												
Qty	Notes																																																																				
A06. SIGNAGES								B6. SPECIAL REQUIREMENT								D6. DIGITAL CALLING SYSTEM																																																					
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Bil.		Bil.				<table border="1"> <tr> <th>C1. NETWORK POINTS</th> <th></th> <th>STP</th> <th>Wifi</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								C1. NETWORK POINTS		STP	Wifi					<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty	Notes																														
Bil.		Bil.																																																																			
C1. NETWORK POINTS		STP	Wifi																																																																		
Qty	Notes																																																																				
A07. BUILT-IN FURNITURES								C. IT REQUIREMENTS								D7. NURSE CALL SYSTEM																																																					
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Bil.		Bil.				<table border="1"> <tr> <th>C2. TELEFON</th> <th>Type A</th> <th>Type B</th> <th>Type C</th> <th>Fax</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								C2. TELEFON	Type A	Type B	Type C	Fax						<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty	Notes																												
Bil.		Bil.																																																																			
C2. TELEFON	Type A	Type B	Type C	Fax																																																																	
Qty	Notes																																																																				
A08. LABORATORY FURNITURES								C3. COMPUTER								D8. AUDIO VISUAL SYSTEM																																																					
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Bil.		Bil.				<table border="1"> <tr> <th>Workstation</th> <th>Tablet</th> <th>Laptop/Notebook</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Workstation	Tablet	Laptop/Notebook				<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty	Notes																																
Bil.		Bil.																																																																			
Workstation	Tablet	Laptop/Notebook																																																																			
Qty	Notes																																																																				
A09. LOOSE FURNITURES								C4. PACS Workstation								D9. SECURITY SYSTEM																																																					
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Bil.		Bil.				<table border="1"> <tr> <th>Reporting Station</th> <th>Viewing Station</th> <th>Digitiser</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Reporting Station	Viewing Station	Digitiser				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> <th>Code</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Notes	Qty.	Code																															
Bil.		Bil.																																																																			
Reporting Station	Viewing Station	Digitiser																																																																			
Notes	Qty.	Code																																																																			
A10. ACCESSORIES								C5. PRINTERS								GROUP 3 - LOOSE EQUIPMENTS																																																					
<table border="1"> <tr> <th>Floor Mounted / Wall Protection</th> <th>Curtain Track</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Floor Mounted / Wall Protection	Curtain Track			<table border="1"> <tr> <th>Type</th> <th>Qty</th> <th>Type</th> <th>Qty</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Type	Qty	Type	Qty					<table border="1"> <tr> <th>Item Code</th> <th>Item Description</th> <th>M/E</th> <th>Qty.</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Item Code	Item Description	M/E	Qty.																														
Floor Mounted / Wall Protection	Curtain Track																																																																				
Type	Qty	Type	Qty																																																																		
Item Code	Item Description	M/E	Qty.																																																																		
A11. WALL TYPES								C6. MISCELLANEOUS								GROUP 4 - CONSUMABLES																																																					
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Bil.		Bil.				<table border="1"> <tr> <th>Barcode Scanner</th> <th>Mykad Reader</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Barcode Scanner	Mykad Reader			<table border="1"> <tr> <th>Item Code</th> <th>Item Description</th> <th>M/E</th> <th>Qty.</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Item Code	Item Description	M/E	Qty.																																
Bil.		Bil.																																																																			
Barcode Scanner	Mykad Reader																																																																				
Item Code	Item Description	M/E	Qty.																																																																		
A12. SANITARY WARES & FITTING								GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL								F. REMARKS																																																					
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Bil.		Bil.				<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty	Notes			<table border="1"> <tr> <th>Item</th> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Item	Notes	Qty.																																	
Bil.		Bil.																																																																			
Qty	Notes																																																																				
Item	Notes	Qty.																																																																			
A13. OTHERS								GROUP 1 - FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL																																																													
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Bil.		Bil.				<table border="1"> <tr> <th>Qty</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>								Qty	Notes			<table border="1"> <tr> <th>Item</th> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Item	Notes	Qty.																																	
Bil.		Bil.																																																																			
Qty	Notes																																																																				
Item	Notes	Qty.																																																																			



CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	NURSE STATION (NON AIR CONDITIONED)	JKR/CA/P-DRP/07/26/PEL15/006/43-1
			DRAWING TYPE	
			DATE	SCALE
NOV 2017	not to scale			

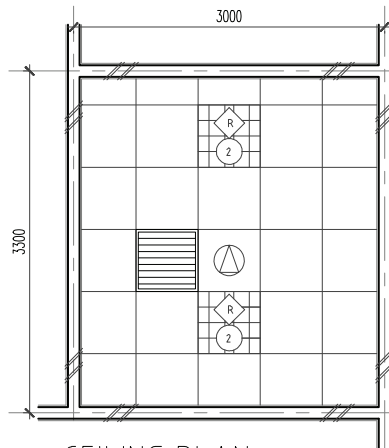
[illegible]



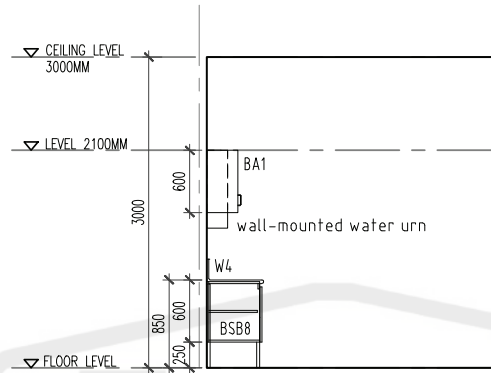
FLOOR PLAN



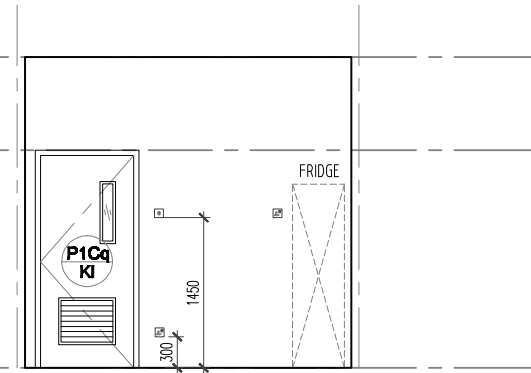
ROOM CODE	
V3	SV
EMP	LGB1
MV	3M
	10M ²
	-



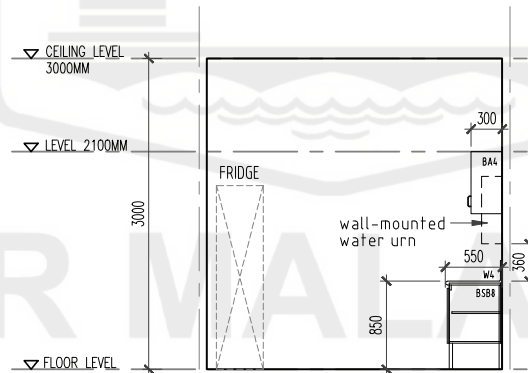
CEILING PLAN



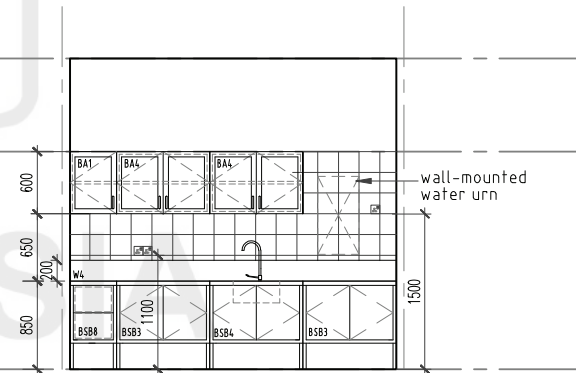
VIEW A



VIEW B



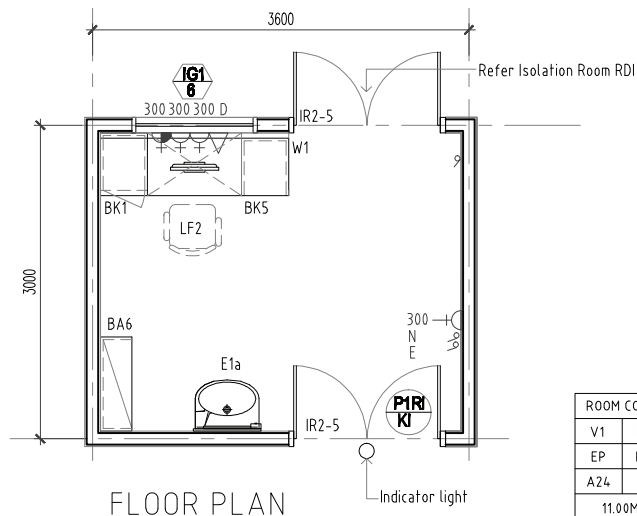
VIEW C



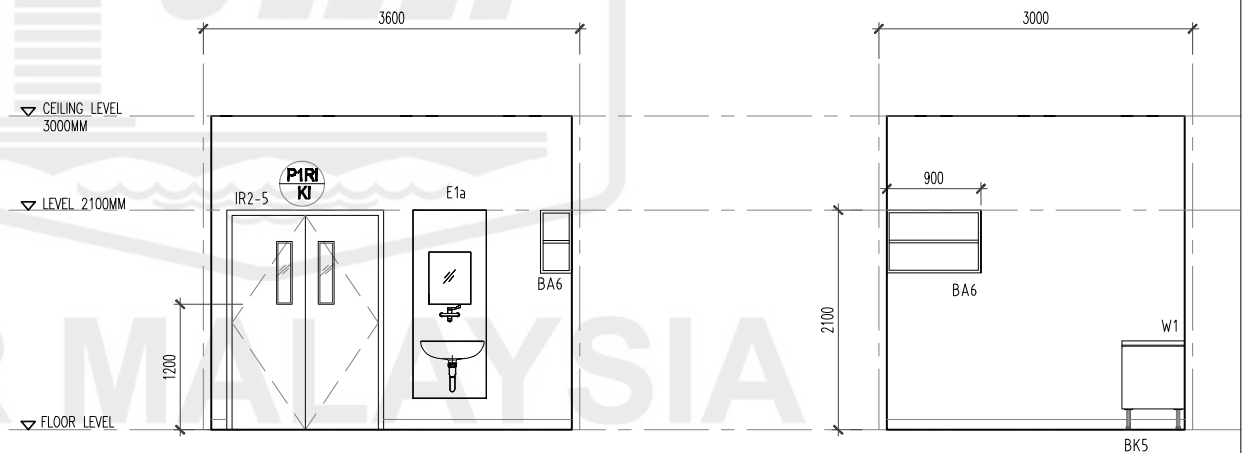
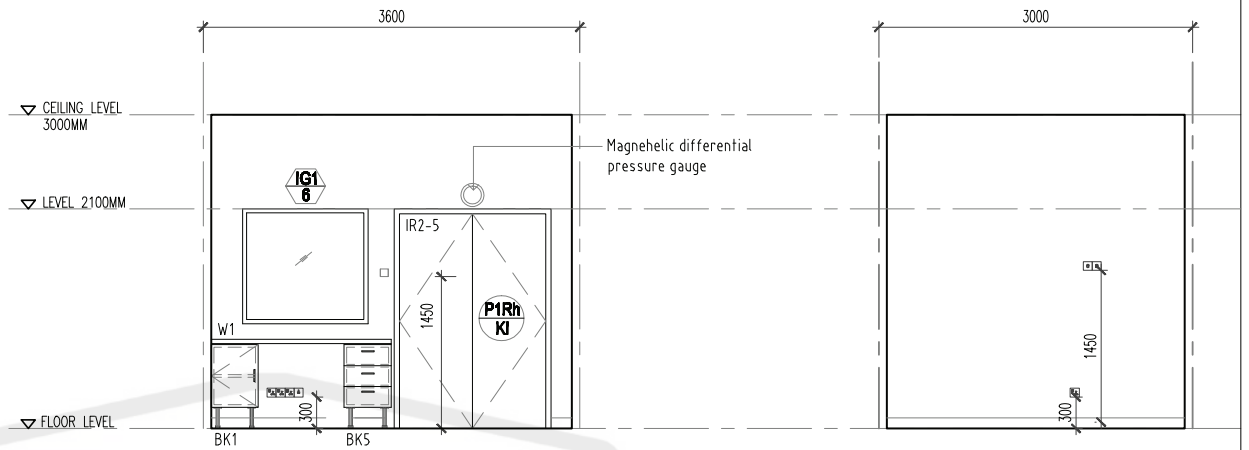
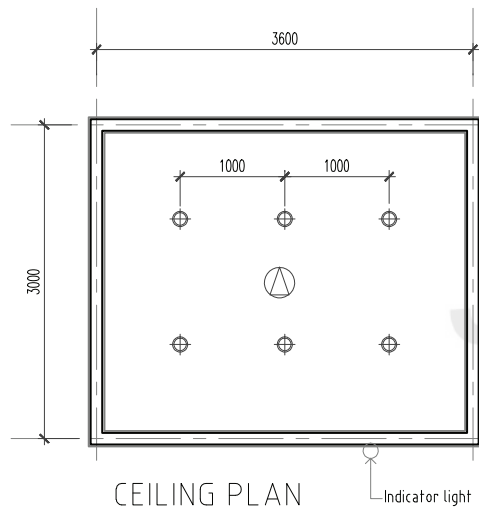
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	WARD PANTRY	JKR/CA/P-DRP/07/26/PEL15/006/44
			DRAWING TYPE	PLAN & VIEW
			DATE	SCALE
			NOV 2017	not to scale
				REVISION

ROOM SIZE: 10 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: WARD PANTRY		*ROOM CODE:																																																																																																																																													
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS																																																																																																																																													
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION																																																																																																																																													
<table border="1"> <tr> <th>Wall</th> <th>Ceiling</th> <th>Floor</th> <th>Skirting</th> </tr> <tr> <td> (IMP - Plaster & Emulsion Paint) (wall/door/ceiling) </td> <td> (GGL - 600mm x 600mm x 25mm thick) (top/bottom/side) </td> <td> (V3 Anti-Slip Vinyl Flooring) </td> <td> (V3 - 100mm height Vinyl skirting to match) </td> </tr> </table>				Wall	Ceiling	Floor	Skirting	(IMP - Plaster & Emulsion Paint) (wall/door/ceiling)	(GGL - 600mm x 600mm x 25mm thick) (top/bottom/side)	(V3 Anti-Slip Vinyl Flooring)	(V3 - 100mm height Vinyl skirting to match)	<table border="1"> <tr> <th>i) GAS PIPING</th> <th>ii) TYPE OF OUTLET</th> </tr> <tr> <td>Oxygen</td> <td>Wall Mounted</td> </tr> <tr> <td>Nitrous Oxide</td> <td>Bedhead Panel</td> </tr> <tr> <td>Medical Vacuum</td> <td>Medical Pendant</td> </tr> <tr> <td>Medical Air - 4 bar</td> <td>Neonatal Workstation</td> </tr> <tr> <td>Surgical Air - 7 bar</td> <td>A&E Workstation</td> </tr> <tr> <td>Surgical Air - 10 bar</td> <td></td> </tr> <tr> <td>Etonox</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> </table>				i) GAS PIPING	ii) TYPE OF OUTLET	Oxygen	Wall Mounted	Nitrous Oxide	Bedhead Panel	Medical Vacuum	Medical Pendant	Medical Air - 4 bar	Neonatal Workstation	Surgical Air - 7 bar	A&E Workstation	Surgical Air - 10 bar		Etonox		Other		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> <th>Code</th> </tr> <tr> <td> i) Lighting Intensity Lux 150 ii) Type Flourescent v 2 Downlight iii) Others Type Qty Night Light Emergency Light Stage Lighting </td> <td></td> <td></td> </tr> </table>				Notes	Qty.	Code	i) Lighting Intensity Lux 150 ii) Type Flourescent v 2 Downlight iii) Others Type Qty Night Light Emergency Light Stage Lighting																																																																																																												
Wall	Ceiling	Floor	Skirting																																																																																																																																																		
(IMP - Plaster & Emulsion Paint) (wall/door/ceiling)	(GGL - 600mm x 600mm x 25mm thick) (top/bottom/side)	(V3 Anti-Slip Vinyl Flooring)	(V3 - 100mm height Vinyl skirting to match)																																																																																																																																																		
i) GAS PIPING	ii) TYPE OF OUTLET																																																																																																																																																				
Oxygen	Wall Mounted																																																																																																																																																				
Nitrous Oxide	Bedhead Panel																																																																																																																																																				
Medical Vacuum	Medical Pendant																																																																																																																																																				
Medical Air - 4 bar	Neonatal Workstation																																																																																																																																																				
Surgical Air - 7 bar	A&E Workstation																																																																																																																																																				
Surgical Air - 10 bar																																																																																																																																																					
Etonox																																																																																																																																																					
Other																																																																																																																																																					
Notes	Qty.	Code																																																																																																																																																			
i) Lighting Intensity Lux 150 ii) Type Flourescent v 2 Downlight iii) Others Type Qty Night Light Emergency Light Stage Lighting																																																																																																																																																					
<table border="1"> <tr> <th>Door 1</th> <th>Door 2</th> <th>Door 3</th> </tr> <tr> <td>Bil.</td> <td></td> <td></td> </tr> <tr> <td>Code</td> <td>P1Cq/KI</td> <td>1</td> </tr> <tr> <td>Grille</td> <td></td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> </tr> <tr> <td colspan="3">DOOR ACCESSORIES</td> </tr> <tr> <td>Ironmongery</td> <td>IR2-3</td> <td></td> </tr> <tr> <td>Door Protection</td> <td></td> <td></td> </tr> <tr> <td>Push Plate</td> <td></td> <td></td> </tr> <tr> <td>Crash Plate</td> <td></td> <td></td> </tr> <tr> <td>Kick Plate</td> <td></td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> </tr> </table>				Door 1	Door 2	Door 3	Bil.			Code	P1Cq/KI	1	Grille			Remarks			DOOR ACCESSORIES			Ironmongery	IR2-3		Door Protection			Push Plate			Crash Plate			Kick Plate			Remarks			<table border="1"> <tr> <th colspan="4">B2. FIRE PROTECTION</th> </tr> <tr> <td>Sprinkler System</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pendant type</td> <td>v</td> <td>Conceal type</td> <td>Sidewall</td> </tr> <tr> <td>Fire Extinguisher</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO2 Portable</td> <td></td> <td>DP portable</td> <td></td> </tr> <tr> <td>Fire Alarm</td> <td></td> <td>Clean Agent</td> <td></td> </tr> <tr> <td>Smoke Detector</td> <td></td> <td>Heat Detector</td> <td>Combine</td> </tr> <tr> <td>Alarm Bell</td> <td></td> <td>Flashing Light</td> <td>Sounder</td> </tr> </table>				B2. FIRE PROTECTION				Sprinkler System				Pendant type	v	Conceal type	Sidewall	Fire Extinguisher				CO2 Portable		DP portable		Fire Alarm		Clean Agent		Smoke Detector		Heat Detector	Combine	Alarm Bell		Flashing Light	Sounder	<table border="1"> <tr> <th colspan="4">D2. VENTILATION SYSTEM</th> </tr> <tr> <td>Ceiling Fan 1500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ceiling Fan 1200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wall Fan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fan Regulator</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> </tr> </table>				D2. VENTILATION SYSTEM				Ceiling Fan 1500				Ceiling Fan 1200				Wall Fan				Fan Regulator				Others																																																	
Door 1	Door 2	Door 3																																																																																																																																																			
Bil.																																																																																																																																																					
Code	P1Cq/KI	1																																																																																																																																																			
Grille																																																																																																																																																					
Remarks																																																																																																																																																					
DOOR ACCESSORIES																																																																																																																																																					
Ironmongery	IR2-3																																																																																																																																																				
Door Protection																																																																																																																																																					
Push Plate																																																																																																																																																					
Crash Plate																																																																																																																																																					
Kick Plate																																																																																																																																																					
Remarks																																																																																																																																																					
B2. FIRE PROTECTION																																																																																																																																																					
Sprinkler System																																																																																																																																																					
Pendant type	v	Conceal type	Sidewall																																																																																																																																																		
Fire Extinguisher																																																																																																																																																					
CO2 Portable		DP portable																																																																																																																																																			
Fire Alarm		Clean Agent																																																																																																																																																			
Smoke Detector		Heat Detector	Combine																																																																																																																																																		
Alarm Bell		Flashing Light	Sounder																																																																																																																																																		
D2. VENTILATION SYSTEM																																																																																																																																																					
Ceiling Fan 1500																																																																																																																																																					
Ceiling Fan 1200																																																																																																																																																					
Wall Fan																																																																																																																																																					
Fan Regulator																																																																																																																																																					
Others																																																																																																																																																					
A03. WINDOW				B3. AIR CONDITIONING & MECHANICAL VENTILATION				D3. POWER POINT																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>Specification</th> <th>/</th> </tr> <tr> <td>Grille</td> <td></td> <td>Restrictor 30"</td> <td></td> <td>Lockable Key Alike</td> <td></td> </tr> <tr> <td>Low level window</td> <td></td> <td>Restrictor 60"</td> <td></td> <td>Single glazing</td> <td></td> </tr> <tr> <td>High level window</td> <td></td> <td>Insect Netting</td> <td></td> <td>Double glazing</td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Code	Bil.	Specification	/	Specification	/	Grille		Restrictor 30"		Lockable Key Alike		Low level window		Restrictor 60"		Single glazing		High level window		Insect Netting		Double glazing		Remarks						<table border="1"> <tr> <th colspan="4">i. Ventilation</th> </tr> <tr> <td>Mechanical Vent</td> <td>v</td> <td>Natural Vent</td> <td>Ceiling Fan</td> </tr> <tr> <td>Air Extraction - Mechanical Ventilation</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td>v</td> <td>Non Ducted Exhaust</td> <td></td> </tr> <tr> <td>Air Filtration</td> <td></td> <td>Hepa Filters</td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Usage</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td></td> <td>Office Hours</td> <td></td> </tr> <tr> <td>24 Hours</td> <td>v</td> <td>Extended Hours</td> <td></td> </tr> <tr> <td colspan="4">ii) Air Conditioning</td> </tr> <tr> <td>Room Temperature (°C)</td> <td>74°F ± 1°F</td> <td>Air Change</td> <td></td> </tr> <tr> <td>Relative Humidity (%)</td> <td>55 ± 5</td> <td>Room Static Level (Pa)</td> <td></td> </tr> <tr> <td>Permissible Noise Level (nc)</td> <td></td> <td>Total Exhaust</td> <td></td> </tr> <tr> <td>Air Filtration</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td>HEPA Filters</td> <td></td> </tr> <tr> <td colspan="4">iii) Air-conditioning (usage)</td> </tr> <tr> <td>Intermittent</td> <td></td> <td>Office Hours</td> <td></td> </tr> <tr> <td>24 Hours</td> <td></td> <td>Extended Hours</td> <td></td> </tr> </table>				i. Ventilation				Mechanical Vent	v	Natural Vent	Ceiling Fan	Air Extraction - Mechanical Ventilation				Ducted Exhaust	v	Non Ducted Exhaust		Air Filtration		Hepa Filters		Normal Filters				Usage				Intermittent		Office Hours		24 Hours	v	Extended Hours		ii) Air Conditioning				Room Temperature (°C)	74°F ± 1°F	Air Change		Relative Humidity (%)	55 ± 5	Room Static Level (Pa)		Permissible Noise Level (nc)		Total Exhaust		Air Filtration				Normal Filters		HEPA Filters		iii) Air-conditioning (usage)				Intermittent		Office Hours		24 Hours		Extended Hours		<table border="1"> <tr> <th>Normal</th> <th>Essential</th> <th>UPS</th> <th>Notes</th> </tr> <tr> <td>13 Amp Single</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1-phase</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> </tr> </table>				Normal	Essential	UPS	Notes	13 Amp Single	4			13 Amp Twin				15 Amp Single	1			230V Termination				Isolator				1-phase				3-phase				Others			
Code	Bil.	Specification	/	Specification	/																																																																																																																																																
Grille		Restrictor 30"		Lockable Key Alike																																																																																																																																																	
Low level window		Restrictor 60"		Single glazing																																																																																																																																																	
High level window		Insect Netting		Double glazing																																																																																																																																																	
Remarks																																																																																																																																																					
i. Ventilation																																																																																																																																																					
Mechanical Vent	v	Natural Vent	Ceiling Fan																																																																																																																																																		
Air Extraction - Mechanical Ventilation																																																																																																																																																					
Ducted Exhaust	v	Non Ducted Exhaust																																																																																																																																																			
Air Filtration		Hepa Filters																																																																																																																																																			
Normal Filters																																																																																																																																																					
Usage																																																																																																																																																					
Intermittent		Office Hours																																																																																																																																																			
24 Hours	v	Extended Hours																																																																																																																																																			
ii) Air Conditioning																																																																																																																																																					
Room Temperature (°C)	74°F ± 1°F	Air Change																																																																																																																																																			
Relative Humidity (%)	55 ± 5	Room Static Level (Pa)																																																																																																																																																			
Permissible Noise Level (nc)		Total Exhaust																																																																																																																																																			
Air Filtration																																																																																																																																																					
Normal Filters		HEPA Filters																																																																																																																																																			
iii) Air-conditioning (usage)																																																																																																																																																					
Intermittent		Office Hours																																																																																																																																																			
24 Hours		Extended Hours																																																																																																																																																			
Normal	Essential	UPS	Notes																																																																																																																																																		
13 Amp Single	4																																																																																																																																																				
13 Amp Twin																																																																																																																																																					
15 Amp Single	1																																																																																																																																																				
230V Termination																																																																																																																																																					
Isolator																																																																																																																																																					
1-phase																																																																																																																																																					
3-phase																																																																																																																																																					
Others																																																																																																																																																					
A04. INTERNAL GLAZING				B4. KEPERLUAN AIR DAN SANITARI				D4. PUBLIC ADDRESS SYSTEM																																																																																																																																													
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Bil.		Bil.				<table border="1"> <tr> <th>Saluran Air</th> <th>Bil.</th> <th>Hot & Cold</th> <th>Bil.</th> </tr> <tr> <td>Cold Only</td> <td>2</td> <td>Outlet</td> <td></td> </tr> <tr> <td>RO Water</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Special Drainage Requirement</td> <td>Bil.</td> <td></td> <td>Bil.</td> </tr> <tr> <td>Grease Trap</td> <td></td> <td>Neutralised Tank</td> <td></td> </tr> <tr> <td>Plaster Trap</td> <td></td> <td>Other</td> <td></td> </tr> </table>				Saluran Air	Bil.	Hot & Cold	Bil.	Cold Only	2	Outlet		RO Water				Special Drainage Requirement	Bil.		Bil.	Grease Trap		Neutralised Tank		Plaster Trap		Other		<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty.	Notes																																																																																																										
Bil.		Bil.																																																																																																																																																			
Saluran Air	Bil.	Hot & Cold	Bil.																																																																																																																																																		
Cold Only	2	Outlet																																																																																																																																																			
RO Water																																																																																																																																																					
Special Drainage Requirement	Bil.		Bil.																																																																																																																																																		
Grease Trap		Neutralised Tank																																																																																																																																																			
Plaster Trap		Other																																																																																																																																																			
Qty.	Notes																																																																																																																																																				
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM																																																																																																																																													
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Bil.		Bil.				<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty.	Notes			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																														
Bil.		Bil.																																																																																																																																																			
Qty.	Notes																																																																																																																																																				
Code	No.																																																																																																																																																				
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM																																																																																																																																													
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td>RS6</td> <td>1 DC</td> <td>1</td> </tr> </table>				Bil.		Bil.	RS6	1 DC	1	<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty.	Notes			<table border="1"> <tr> <th>Item Code</th> <th>Item Description</th> <th>Qty.</th> </tr> <tr> <td></td> <td>WALL MOUNTED WATER URN</td> <td>1</td> </tr> </table>				Item Code	Item Description	Qty.		WALL MOUNTED WATER URN	1																																																																																																																										
Bil.		Bil.																																																																																																																																																			
RS6	1 DC	1																																																																																																																																																			
Qty.	Notes																																																																																																																																																				
Item Code	Item Description	Qty.																																																																																																																																																			
	WALL MOUNTED WATER URN	1																																																																																																																																																			
A07. BUILT-IN FURNITURES				B7. MISCELLANEOUS				D7. NURSE CALL SYSTEM																																																																																																																																													
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td>W4</td> <td>1</td> <td></td> </tr> <tr> <td>BSB3</td> <td>2</td> <td></td> </tr> <tr> <td>BSB4</td> <td>1</td> <td></td> </tr> <tr> <td>BSB8</td> <td>1</td> <td></td> </tr> <tr> <td>BA4</td> <td>2</td> <td></td> </tr> <tr> <td>BA1</td> <td>1</td> <td></td> </tr> </table>				Bil.		Bil.	W4	1		BSB3	2		BSB4	1		BSB8	1		BA4	2		BA1	1		<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty.	Notes			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																															
Bil.		Bil.																																																																																																																																																			
W4	1																																																																																																																																																				
BSB3	2																																																																																																																																																				
BSB4	1																																																																																																																																																				
BSB8	1																																																																																																																																																				
BA4	2																																																																																																																																																				
BA1	1																																																																																																																																																				
Qty.	Notes																																																																																																																																																				
Code	No.																																																																																																																																																				
A08. LABORATORY FURNITURES				B8. MISCELLANEOUS				D8. AUDIO VISUAL SYSTEM																																																																																																																																													
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Bil.		Bil.				<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty.	Notes			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																														
Bil.		Bil.																																																																																																																																																			
Qty.	Notes																																																																																																																																																				
Code	No.																																																																																																																																																				
A09. LOOSE FURNITURES				B9. MISCELLANEOUS				D9. SECURITY SYSTEM																																																																																																																																													
<table border="1"> <tr> <th>Bil.</th> <th></th> <th>Bil.</th> </tr> <tr> <td>WALL MOUNTED WATER URN</td> <td>1</td> <td></td> </tr> </table>				Bil.		Bil.	WALL MOUNTED WATER URN	1		<table border="1"> <tr> <th>Qty.</th> <th>Notes</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Qty.	Notes			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																														
Bil.		Bil.																																																																																																																																																			
WALL MOUNTED WATER URN	1																																																																																																																																																				
Qty.	Notes																																																																																																																																																				
Code	No.																																																																																																																																																				
A10. ACCESSORIES				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT)				E. MEDICAL & NON-MEDICAL EQUIPMENT REQUIREMENTS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A11. WALL TYPES				C1. NETWORK POINTS				F. REMARKS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A12. SANITARY WARES & FITTING				C2. TELEPHONE				G. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A13. OTHERS				C3. COMPUTER				H. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A14. OTHERS				C4. PACS Workstation				I. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A15. OTHERS				C5. PRINTERS				J. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A16. OTHERS				C6. MISCELLANEOUS				K. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A17. OTHERS				C7. MISCELLANEOUS				L. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A18. OTHERS				C8. MISCELLANEOUS				M. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A19. OTHERS				C9. MISCELLANEOUS				N. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A20. OTHERS				C10. MISCELLANEOUS				O. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A21. OTHERS				C11. MISCELLANEOUS				P. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A22. OTHERS				C12. MISCELLANEOUS				Q. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A23. OTHERS				C13. MISCELLANEOUS				R. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A24. OTHERS				C14. MISCELLANEOUS				S. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A25. OTHERS				C15. MISCELLANEOUS				T. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A26. OTHERS				C16. MISCELLANEOUS				U. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A27. OTHERS				C17. MISCELLANEOUS				V. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A28. OTHERS				C18. MISCELLANEOUS				W. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A29. OTHERS				C19. MISCELLANEOUS				X. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A30. OTHERS				C20. MISCELLANEOUS				Y. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A31. OTHERS				C21. MISCELLANEOUS				Z. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A32. OTHERS				C22. MISCELLANEOUS				AA. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A33. OTHERS				C23. MISCELLANEOUS				AB. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A34. OTHERS				C24. MISCELLANEOUS				AC. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A35. OTHERS				C25. MISCELLANEOUS				AD. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A36. OTHERS				C26. MISCELLANEOUS				AE. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A37. OTHERS				C27. MISCELLANEOUS				AF. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A38. OTHERS				C28. MISCELLANEOUS				AG. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A39. OTHERS				C29. MISCELLANEOUS				AH. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A40. OTHERS				C30. MISCELLANEOUS				AI. OTHERS																																																																																																																																													
<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.			<table border="1"> <tr> <th>Code</th> <th>No.</th> </tr> <tr> <td></td> <td></td> </tr> </table>				Code	No.																																																																																																																																
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
Code	No.																																																																																																																																																				
A41. OTHERS				C31. MISCELLANEOUS				AJ. OTHERS																																																																																																																																													



ROOM CODE	
V1	S1
EP	PC1
A24	3M
11.00M ²	
-	

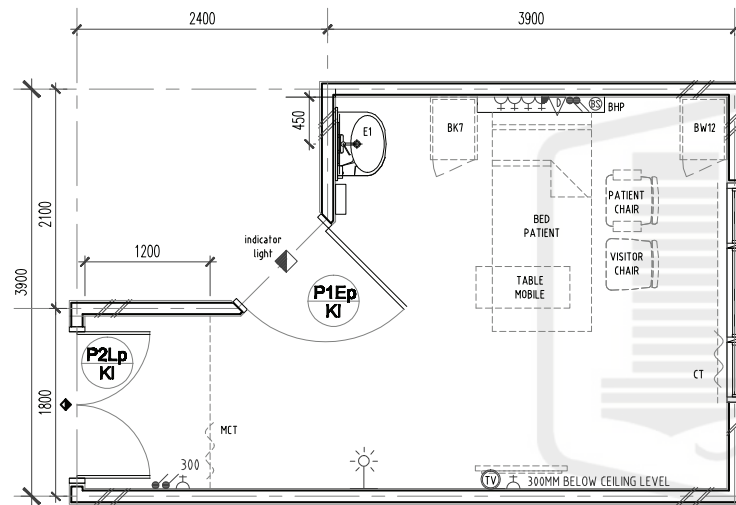


CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	ANTE ROOM (ISOLATION ROOM)	JKR/CA/P-DRP/07/26/PEL15/006/45
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

ROOM SIZE: 11 sqm ²				OCCUPANCY LOAD:	*DEPARTMENT :	ROOM NAME: ANTE ROOM (ISOLATION ROOM)	*ROOM CODE :
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS		D. ELECTRICAL REQUIREMENTS	
A01. FINISHES	Wall PC1	Ceiling V1	Floor S1				
A02. DOOR	Door 1 Bil.	Door 2 Bil.	Door 3 Bil.				
Code P1R1 /K1	1						
Grille							
Remarks							
DOOR ACCESSORIES							
Ironmongery R2-5							
Door Protection							
Push Plate	2						
Crash Plate	2						
Kick Plate	2						
Remarks							
A03. WINDOW	Window none Bil.	Specification / specification /					
Code	none						
Grille	none	Restrictor 30° Lockable Key Alike					
Low level window		Restrictor 60° Single glazing					
High level window		Insect Netting Double glazing					
Remarks							
A04. INTERNAL GLAZING	Bil.						
IGL1/O	1						
A05. HATCH / PASS THROUGH COUNTER							
A06. SIGNAGES	Bil.						
A07. BUILT-IN FURNITURES	Bil.						
BA 5	1						
BK 1	1						
BK 5	1						
A08. LABORATORY FURNITURES	Bil.						
A09. LOOSE FURNITURES	Bil.						
LF 2	1						
A10. ACCESSORIES							
Floor Mounted / Wall Protection		Curtain Track					
Cubical Track		Blind					
IV Track		Artworks					
A11. WALL TYPES	Bil.						
Cavity Wall							
Single Wall							
Dry wall							
Curtain Wall							
Remarks / Others							
A12. SANITARY WARES & FITTING	Bil.						
E1 sets							
R1 - PHENOLIC BOARD B/SPLASH	1						
M1 - GLASS MIRROR	1						
T5 - PREMIX KLUDI ELBOW ACTION	1						
B2 - CLINICAL HAND WAS BASIN	1						
P2 - BOTTLE TRAP	1						
A13. OTHERS	Bil.						
B1. MEDICAL GAS							
JGAS PIPING Bil.		ii)TYPE OF OUTLET Bil.					
Oxygen		Bedhead Panel					
Nitrous Oxide		Medical Vacuum					
Medical Air - 4 bar		Neonatal Workstation					
Surgical Air - 7 bar		A&E Workstation					
Surgical Air - 10 bar							
Etonox							
Other							
B2. FIRE FIGHTING							
Sprinkler System							
Pendant type		1) Conceal type					
Fire Extinguisher		Sidewall					
CO2 Portable		DP portable					
Fire Alarm		Clean Agent					
Smoke Detector		Heat Detector					
Alarm Bell		Flashing Light					
B3. VENTILATION SYSTEM							
i)Ventilation							
Mechanical Vent		Natural Vent					
Air Extraction - Mechanical Ventilation		Ceiling Fan					
Ducted Exhaust		Non Ducted Exhaust					
Air Filtration							
Normal Filters		Hepa Filters					
Usage							



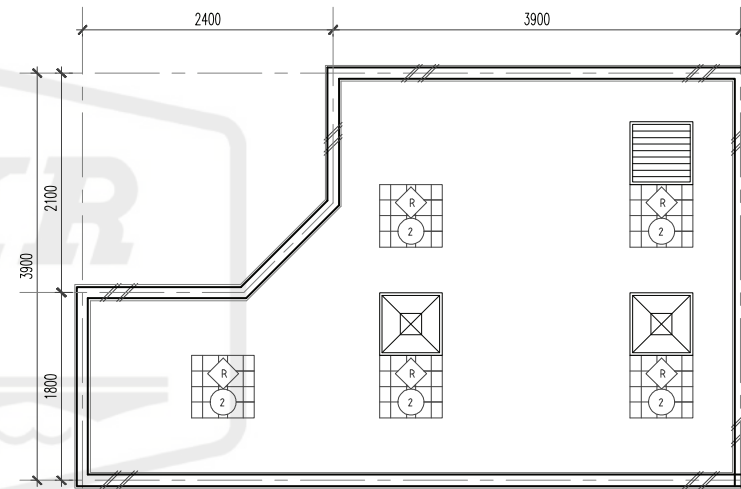
ROOM SIZE: 15 m ²				OCCUPANCY LOAD:				*DEPARTMENT:				ROOM NAME: ISOLATION ROOM (NEGATIVE AREA)				*ROOM CODE:																																																																																																																		
A. ARCHITECTURAL REQUIREMENTS								B. MECHANICAL REQUIREMENTS								D. ELECTRICAL REQUIREMENTS																																																																																																																		
A01. FINISHES								B1. MEDICAL GAS								D1. LIGHTING SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Wall</td> <td>Ceiling</td> <td>Floor</td> <td>Skirting</td> </tr> <tr> <td>EP</td> <td>PC1</td> <td>V1</td> <td>SV</td> </tr> </table>								Wall	Ceiling	Floor	Skirting	EP	PC1	V1	SV	<table border="1"> <tr> <td>i) GAS PIPING</td> <td>Bil.</td> <td>ii) TYPE OF OUTLET</td> <td>Bil.</td> </tr> <tr> <td>Oxygen</td> <td></td> <td>Wall Mounted</td> <td></td> </tr> <tr> <td>Nitrous Oxide</td> <td></td> <td>Bedhead Panel</td> <td></td> </tr> <tr> <td>Medical Vacuum</td> <td></td> <td>Medical Pendant</td> <td></td> </tr> <tr> <td>Medical Air - 4 bar</td> <td></td> <td>Neonatal Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 7 bar</td> <td></td> <td>A&E Workstation</td> <td></td> </tr> <tr> <td>Surgical Air - 10 bar</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Etanox</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> </tr> </table>								i) GAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.	Oxygen		Wall Mounted		Nitrous Oxide		Bedhead Panel		Medical Vacuum		Medical Pendant		Medical Air - 4 bar		Neonatal Workstation		Surgical Air - 7 bar		A&E Workstation		Surgical Air - 10 bar				Etanox				Other				<table border="1"> <tr> <td>iii) Others</td> <td>Type</td> <td>Qty</td> <td></td> </tr> <tr> <td>Night Light</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>Emergency Light</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stage Lighting</td> <td></td> <td></td> <td></td> </tr> </table>								iii) Others	Type	Qty		Night Light		1		Emergency Light				Stage Lighting																																																		
Wall	Ceiling	Floor	Skirting																																																																																																																															
EP	PC1	V1	SV																																																																																																																															
i) GAS PIPING	Bil.	ii) TYPE OF OUTLET	Bil.																																																																																																																															
Oxygen		Wall Mounted																																																																																																																																
Nitrous Oxide		Bedhead Panel																																																																																																																																
Medical Vacuum		Medical Pendant																																																																																																																																
Medical Air - 4 bar		Neonatal Workstation																																																																																																																																
Surgical Air - 7 bar		A&E Workstation																																																																																																																																
Surgical Air - 10 bar																																																																																																																																		
Etanox																																																																																																																																		
Other																																																																																																																																		
iii) Others	Type	Qty																																																																																																																																
Night Light		1																																																																																																																																
Emergency Light																																																																																																																																		
Stage Lighting																																																																																																																																		
A02. DOOR								B2. FIRE FIGHTING								D2. VENTILATION																																																																																																																		
<table border="1"> <tr> <td>Code</td> <td>Door 1</td> <td>Bil.</td> <td>Door 2</td> <td>Bil.</td> <td>Door 3</td> <td>Bil.</td> </tr> <tr> <td></td> <td>P1Rh / KI</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grille</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.		P1Rh / KI	1					Grille							Remarks							<table border="1"> <tr> <td>Sprinkler System</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pendant type</td> <td></td> <td>Conceal type</td> <td>Sidewall</td> </tr> <tr> <td>Fire Extinguisher</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO2 Portable</td> <td></td> <td>DP portable</td> <td></td> </tr> <tr> <td>Fire Alarm</td> <td></td> <td>Clean Agent</td> <td></td> </tr> <tr> <td>Smoke Detector</td> <td></td> <td>Heat Detector</td> <td>Combine</td> </tr> <tr> <td>Alarm Bell</td> <td></td> <td>Flashing Light</td> <td>Sounder</td> </tr> </table>								Sprinkler System				Pendant type		Conceal type	Sidewall	Fire Extinguisher				CO2 Portable		DP portable		Fire Alarm		Clean Agent		Smoke Detector		Heat Detector	Combine	Alarm Bell		Flashing Light	Sounder	<table border="1"> <tr> <td>Ceiling Fan 1500</td> <td>Qty</td> <td>NOTES</td> </tr> <tr> <td>Ceiling Fan 1200</td> <td></td> <td></td> </tr> <tr> <td>Wall Fan</td> <td></td> <td></td> </tr> <tr> <td>Fan Regulator</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>								Ceiling Fan 1500	Qty	NOTES	Ceiling Fan 1200			Wall Fan			Fan Regulator			Others																																						
Code	Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																																																																																												
	P1Rh / KI	1																																																																																																																																
Grille																																																																																																																																		
Remarks																																																																																																																																		
Sprinkler System																																																																																																																																		
Pendant type		Conceal type	Sidewall																																																																																																																															
Fire Extinguisher																																																																																																																																		
CO2 Portable		DP portable																																																																																																																																
Fire Alarm		Clean Agent																																																																																																																																
Smoke Detector		Heat Detector	Combine																																																																																																																															
Alarm Bell		Flashing Light	Sounder																																																																																																																															
Ceiling Fan 1500	Qty	NOTES																																																																																																																																
Ceiling Fan 1200																																																																																																																																		
Wall Fan																																																																																																																																		
Fan Regulator																																																																																																																																		
Others																																																																																																																																		
A03. WINDOW								B3. VENTILATION SYSTEM								D3. POWER SOURCE																																																																																																																		
<table border="1"> <tr> <td>Code</td> <td>Window</td> <td>Bil.</td> <td>Specification</td> <td>/</td> <td>specification</td> <td>/</td> </tr> <tr> <td></td> <td>T1/31/C</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grille</td> <td></td> <td></td> <td>Restrictor 30"</td> <td></td> <td>Lockable Key Alike</td> <td></td> </tr> <tr> <td>Low level window</td> <td></td> <td></td> <td>Restrictor 60"</td> <td></td> <td>Single glazing</td> <td></td> </tr> <tr> <td>High level window</td> <td></td> <td></td> <td>Insect Netting</td> <td></td> <td>Double glazing</td> <td>/</td> </tr> <tr> <td>Remarks</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Code	Window	Bil.	Specification	/	specification	/		T1/31/C	1					Grille			Restrictor 30"		Lockable Key Alike		Low level window			Restrictor 60"		Single glazing		High level window			Insect Netting		Double glazing	/	Remarks							<table border="1"> <tr> <td>Mechanical Vent</td> <td></td> <td>Natural Vent</td> <td>Ceiling Fan</td> </tr> <tr> <td>Air Extraction - Mechanical Ventilation</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ducted Exhaust</td> <td></td> <td>Non Ducted Exhaust</td> <td></td> </tr> <tr> <td>Air Filtration</td> <td></td> <td>Hepa Filters</td> <td></td> </tr> <tr> <td>Normal Filters</td> <td></td> <td></td> <td></td> </tr> </table>								Mechanical Vent		Natural Vent	Ceiling Fan	Air Extraction - Mechanical Ventilation				Ducted Exhaust		Non Ducted Exhaust		Air Filtration		Hepa Filters		Normal Filters				<table border="1"> <tr> <td>Socket</td> <td>Normal</td> <td>Essential</td> <td>UPS</td> <td>Notes</td> </tr> <tr> <td>13 Amp Single</td> <td>5</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td>13 Amp Twin</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15 Amp Single</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>230V Termination</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Isolator</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Socket	Normal	Essential	UPS	Notes	13 Amp Single	5	1			13 Amp Twin					15 Amp Single					230V Termination					Isolator					1-phase					3-phase					Others				
Code	Window	Bil.	Specification	/	specification	/																																																																																																																												
	T1/31/C	1																																																																																																																																
Grille			Restrictor 30"		Lockable Key Alike																																																																																																																													
Low level window			Restrictor 60"		Single glazing																																																																																																																													
High level window			Insect Netting		Double glazing	/																																																																																																																												
Remarks																																																																																																																																		
Mechanical Vent		Natural Vent	Ceiling Fan																																																																																																																															
Air Extraction - Mechanical Ventilation																																																																																																																																		
Ducted Exhaust		Non Ducted Exhaust																																																																																																																																
Air Filtration		Hepa Filters																																																																																																																																
Normal Filters																																																																																																																																		
Socket	Normal	Essential	UPS	Notes																																																																																																																														
13 Amp Single	5	1																																																																																																																																
13 Amp Twin																																																																																																																																		
15 Amp Single																																																																																																																																		
230V Termination																																																																																																																																		
Isolator																																																																																																																																		
1-phase																																																																																																																																		
3-phase																																																																																																																																		
Others																																																																																																																																		
A04. INTERNAL GLAZING								B4. WATER AND SANITARY REQUIREMENT								D4. AUDIO SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Code</td> <td>Bil.</td> </tr> <tr> <td>IG1/5</td> <td>1</td> </tr> </table>								Code	Bil.	IG1/5	1	<table border="1"> <tr> <td>Usage</td> <td></td> <td></td> </tr> <tr> <td>Intermittent</td> <td>Office Hours</td> <td></td> </tr> <tr> <td>24 Hours</td> <td>Extended Hours</td> <td></td> </tr> </table>								Usage			Intermittent	Office Hours		24 Hours	Extended Hours		<table border="1"> <tr> <td>Room Temperature ID</td> <td>7/4°F ± 1°F</td> <td>Air Change</td> </tr> <tr> <td>Relative Humidity (%)</td> <td></td> <td>Room Static Level (Pa)</td> </tr> <tr> <td>Permissible Noise Level (nc)</td> <td></td> <td>Total Exhaust</td> </tr> <tr> <td>Air Filtration</td> <td></td> <td>Y/N</td> </tr> <tr> <td>Normal Filters</td> <td></td> <td>HEPA Filters</td> </tr> </table>								Room Temperature ID	7/4°F ± 1°F	Air Change	Relative Humidity (%)		Room Static Level (Pa)	Permissible Noise Level (nc)		Total Exhaust	Air Filtration		Y/N	Normal Filters		HEPA Filters																																																																															
Code	Bil.																																																																																																																																	
IG1/5	1																																																																																																																																	
Usage																																																																																																																																		
Intermittent	Office Hours																																																																																																																																	
24 Hours	Extended Hours																																																																																																																																	
Room Temperature ID	7/4°F ± 1°F	Air Change																																																																																																																																
Relative Humidity (%)		Room Static Level (Pa)																																																																																																																																
Permissible Noise Level (nc)		Total Exhaust																																																																																																																																
Air Filtration		Y/N																																																																																																																																
Normal Filters		HEPA Filters																																																																																																																																
A05. HATCH / PASS THROUGH COUNTER								B5. PNEUMATIC TUBE								D5. MATV SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Code</td> <td>Bil.</td> </tr> <tr> <td>IG1/5</td> <td>1</td> </tr> </table>								Code	Bil.	IG1/5	1	<table border="1"> <tr> <td>Intermittent</td> <td>Office Hours</td> </tr> <tr> <td>24 Hours</td> <td>Extended Hours</td> </tr> </table>								Intermittent	Office Hours	24 Hours	Extended Hours	<table border="1"> <tr> <td>Sistem MATV</td> <td>Qty</td> <td>Notes</td> </tr> <tr> <td>MATV Point</td> <td>1</td> <td></td> </tr> <tr> <td>TV set (32" c/w bracket)</td> <td></td> <td></td> </tr> <tr> <td>TV set (42" c/w bracket)</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>								Sistem MATV	Qty	Notes	MATV Point	1		TV set (32" c/w bracket)			TV set (42" c/w bracket)			Others																																																																																						
Code	Bil.																																																																																																																																	
IG1/5	1																																																																																																																																	
Intermittent	Office Hours																																																																																																																																	
24 Hours	Extended Hours																																																																																																																																	
Sistem MATV	Qty	Notes																																																																																																																																
MATV Point	1																																																																																																																																	
TV set (32" c/w bracket)																																																																																																																																		
TV set (42" c/w bracket)																																																																																																																																		
Others																																																																																																																																		
A06. SIGNAGES								B6. SPECIAL REQUIREMENT								D6. DIGITAL CALLING SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Code</td> <td>Bil.</td> </tr> <tr> <td>IG1/5</td> <td>1</td> </tr> </table>								Code	Bil.	IG1/5	1	<table border="1"> <tr> <td>Room Temperature ID</td> <td>7/4°F ± 1°F</td> <td>Air Change</td> </tr> <tr> <td>Relative Humidity (%)</td> <td></td> <td>Room Static Level (Pa)</td> </tr> <tr> <td>Permissible Noise Level (nc)</td> <td></td> <td>Total Exhaust</td> </tr> <tr> <td>Air Filtration</td> <td></td> <td>Y/N</td> </tr> <tr> <td>Normal Filters</td> <td></td> <td>HEPA Filters</td> </tr> </table>								Room Temperature ID	7/4°F ± 1°F	Air Change	Relative Humidity (%)		Room Static Level (Pa)	Permissible Noise Level (nc)		Total Exhaust	Air Filtration		Y/N	Normal Filters		HEPA Filters	<table border="1"> <tr> <td>Digital Calling System</td> <td>Qty</td> <td>Notes</td> </tr> <tr> <td>Main Display Unit</td> <td></td> <td></td> </tr> <tr> <td>Display Unit</td> <td></td> <td></td> </tr> <tr> <td>Ticket Printer</td> <td></td> <td></td> </tr> <tr> <td>Counter/room terminal</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>								Digital Calling System	Qty	Notes	Main Display Unit			Display Unit			Ticket Printer			Counter/room terminal			Others																																																																								
Code	Bil.																																																																																																																																	
IG1/5	1																																																																																																																																	
Room Temperature ID	7/4°F ± 1°F	Air Change																																																																																																																																
Relative Humidity (%)		Room Static Level (Pa)																																																																																																																																
Permissible Noise Level (nc)		Total Exhaust																																																																																																																																
Air Filtration		Y/N																																																																																																																																
Normal Filters		HEPA Filters																																																																																																																																
Digital Calling System	Qty	Notes																																																																																																																																
Main Display Unit																																																																																																																																		
Display Unit																																																																																																																																		
Ticket Printer																																																																																																																																		
Counter/room terminal																																																																																																																																		
Others																																																																																																																																		
A07. BUILT-IN FURNITURES								B7. SPECIAL REQUIREMENT								D7. NURSE CALL SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Code</td> <td>Bil.</td> </tr> <tr> <td>RW12</td> <td>1</td> </tr> </table>								Code	Bil.	RW12	1	<table border="1"> <tr> <td>Workstation</td> <td>Qty</td> <td>Tablet</td> <td>Laptop/Notebook</td> </tr> <tr> <td>Type</td> <td></td> <td>Type</td> <td>Type</td> </tr> </table>								Workstation	Qty	Tablet	Laptop/Notebook	Type		Type	Type	<table border="1"> <tr> <td>A. PATIENT</td> <td></td> </tr> <tr> <td>Cord</td> <td>1</td> </tr> <tr> <td>Light</td> <td></td> </tr> <tr> <td>Intercom/speech</td> <td>1</td> </tr> <tr> <td>Pull Cord</td> <td></td> </tr> <tr> <td>Code Blue</td> <td></td> </tr> <tr> <td>B. STAFF</td> <td></td> </tr> <tr> <td>Light</td> <td>1</td> </tr> <tr> <td>Display</td> <td></td> </tr> <tr> <td>Console</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								A. PATIENT		Cord	1	Light		Intercom/speech	1	Pull Cord		Code Blue		B. STAFF		Light	1	Display		Console		Others																																																																										
Code	Bil.																																																																																																																																	
RW12	1																																																																																																																																	
Workstation	Qty	Tablet	Laptop/Notebook																																																																																																																															
Type		Type	Type																																																																																																																															
A. PATIENT																																																																																																																																		
Cord	1																																																																																																																																	
Light																																																																																																																																		
Intercom/speech	1																																																																																																																																	
Pull Cord																																																																																																																																		
Code Blue																																																																																																																																		
B. STAFF																																																																																																																																		
Light	1																																																																																																																																	
Display																																																																																																																																		
Console																																																																																																																																		
Others																																																																																																																																		
A08. LABORATORY FURNITURES								B8. SPECIAL REQUIREMENT								D8. AUDIO VISUAL SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Code</td> <td>Bil.</td> </tr> <tr> <td>RW12</td> <td>1</td> </tr> </table>								Code	Bil.	RW12	1	<table border="1"> <tr> <td>Reporting Station</td> <td>Viewing Station</td> <td>Digitiser</td> </tr> <tr> <td>Qty</td> <td>Qty</td> <td>Qty</td> </tr> </table>								Reporting Station	Viewing Station	Digitiser	Qty	Qty	Qty	<table border="1"> <tr> <td>LCD Projector</td> <td>Qty</td> <td>Notes</td> </tr> <tr> <td>Projector Screen</td> <td></td> <td></td> </tr> <tr> <td>Microphone</td> <td></td> <td></td> </tr> <tr> <td>Speaker</td> <td></td> <td></td> </tr> <tr> <td>AV Rack</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>								LCD Projector	Qty	Notes	Projector Screen			Microphone			Speaker			AV Rack			Others																																																																																	
Code	Bil.																																																																																																																																	
RW12	1																																																																																																																																	
Reporting Station	Viewing Station	Digitiser																																																																																																																																
Qty	Qty	Qty																																																																																																																																
LCD Projector	Qty	Notes																																																																																																																																
Projector Screen																																																																																																																																		
Microphone																																																																																																																																		
Speaker																																																																																																																																		
AV Rack																																																																																																																																		
Others																																																																																																																																		
A09. LOOSE FURNITURES								B9. SPECIAL REQUIREMENT								D9. SECURITY SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Code</td> <td>Bil.</td> </tr> <tr> <td>RW12</td> <td>1</td> </tr> </table>								Code	Bil.	RW12	1	<table border="1"> <tr> <td>Barcode Scanner</td> <td></td> <td>Mykad Reader</td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td></td> <td>Wireless AP</td> </tr> </table>								Barcode Scanner		Mykad Reader	Flatbed Scanner		Info Kiosk	Video Conferencing		PC Trolley	UPS(600VA)		Wireless AP	<table border="1"> <tr> <td>Security System</td> <td></td> </tr> <tr> <td>A. CCTV System</td> <td></td> </tr> <tr> <td>Dome Camera</td> <td></td> </tr> <tr> <td>PTZ Camera</td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> </tr> <tr> <td>Recorder/Decoder</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> <tr> <td>B. Access System</td> <td></td> </tr> <tr> <td>Card reader w keypad</td> <td></td> </tr> <tr> <td>Card reader w door release</td> <td></td> </tr> <tr> <td>Intercom</td> <td></td> </tr> <tr> <td>Intercom w door release</td> <td></td> </tr> <tr> <td>Call bell</td> <td></td> </tr> <tr> <td>Video Intercom</td> <td></td> </tr> <tr> <td>Video intercom w d/release</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Security System		A. CCTV System		Dome Camera		PTZ Camera		Monitor		Recorder/Decoder		Others		B. Access System		Card reader w keypad		Card reader w door release		Intercom		Intercom w door release		Call bell		Video Intercom		Video intercom w d/release		Others																																																												
Code	Bil.																																																																																																																																	
RW12	1																																																																																																																																	
Barcode Scanner		Mykad Reader																																																																																																																																
Flatbed Scanner		Info Kiosk																																																																																																																																
Video Conferencing		PC Trolley																																																																																																																																
UPS(600VA)		Wireless AP																																																																																																																																
Security System																																																																																																																																		
A. CCTV System																																																																																																																																		
Dome Camera																																																																																																																																		
PTZ Camera																																																																																																																																		
Monitor																																																																																																																																		
Recorder/Decoder																																																																																																																																		
Others																																																																																																																																		
B. Access System																																																																																																																																		
Card reader w keypad																																																																																																																																		
Card reader w door release																																																																																																																																		
Intercom																																																																																																																																		
Intercom w door release																																																																																																																																		
Call bell																																																																																																																																		
Video Intercom																																																																																																																																		
Video intercom w d/release																																																																																																																																		
Others																																																																																																																																		
A10. ACCESSORIES								B10. SPECIAL REQUIREMENT								D10. SECURITY SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Floor Mounted / Wall Protection</td> <td>1</td> <td>Curtain Track</td> </tr> <tr> <td>Cubical Track</td> <td></td> <td>Blind</td> </tr> <tr> <td>IV Track</td> <td></td> <td>Artworks</td> </tr> </table>								Floor Mounted / Wall Protection	1	Curtain Track	Cubical Track		Blind	IV Track		Artworks	<table border="1"> <tr> <td>Barcode Scanner</td> <td></td> <td>Mykad Reader</td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td></td> <td>Wireless AP</td> </tr> </table>								Barcode Scanner		Mykad Reader	Flatbed Scanner		Info Kiosk	Video Conferencing		PC Trolley	UPS(600VA)		Wireless AP	<table border="1"> <tr> <td>Security System</td> <td></td> </tr> <tr> <td>A. CCTV System</td> <td></td> </tr> <tr> <td>Dome Camera</td> <td></td> </tr> <tr> <td>PTZ Camera</td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> </tr> <tr> <td>Recorder/Decoder</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> <tr> <td>B. Access System</td> <td></td> </tr> <tr> <td>Card reader w keypad</td> <td></td> </tr> <tr> <td>Card reader w door release</td> <td></td> </tr> <tr> <td>Intercom</td> <td></td> </tr> <tr> <td>Intercom w door release</td> <td></td> </tr> <tr> <td>Call bell</td> <td></td> </tr> <tr> <td>Video Intercom</td> <td></td> </tr> <tr> <td>Video intercom w d/release</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Security System		A. CCTV System		Dome Camera		PTZ Camera		Monitor		Recorder/Decoder		Others		B. Access System		Card reader w keypad		Card reader w door release		Intercom		Intercom w door release		Call bell		Video Intercom		Video intercom w d/release		Others																																																							
Floor Mounted / Wall Protection	1	Curtain Track																																																																																																																																
Cubical Track		Blind																																																																																																																																
IV Track		Artworks																																																																																																																																
Barcode Scanner		Mykad Reader																																																																																																																																
Flatbed Scanner		Info Kiosk																																																																																																																																
Video Conferencing		PC Trolley																																																																																																																																
UPS(600VA)		Wireless AP																																																																																																																																
Security System																																																																																																																																		
A. CCTV System																																																																																																																																		
Dome Camera																																																																																																																																		
PTZ Camera																																																																																																																																		
Monitor																																																																																																																																		
Recorder/Decoder																																																																																																																																		
Others																																																																																																																																		
B. Access System																																																																																																																																		
Card reader w keypad																																																																																																																																		
Card reader w door release																																																																																																																																		
Intercom																																																																																																																																		
Intercom w door release																																																																																																																																		
Call bell																																																																																																																																		
Video Intercom																																																																																																																																		
Video intercom w d/release																																																																																																																																		
Others																																																																																																																																		
A11. WALL TYPES								B11. SPECIAL REQUIREMENT								D11. SECURITY SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Cavity Wall</td> <td></td> </tr> <tr> <td>Single Wall</td> <td></td> </tr> <tr> <td>Dry wall</td> <td></td> </tr> <tr> <td>Curtain Wall</td> <td></td> </tr> <tr> <td>Remarks / Others</td> <td></td> </tr> </table>								Cavity Wall		Single Wall		Dry wall		Curtain Wall		Remarks / Others		<table border="1"> <tr> <td>Barcode Scanner</td> <td></td> <td>Mykad Reader</td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td></td> <td>Wireless AP</td> </tr> </table>								Barcode Scanner		Mykad Reader	Flatbed Scanner		Info Kiosk	Video Conferencing		PC Trolley	UPS(600VA)		Wireless AP	<table border="1"> <tr> <td>Security System</td> <td></td> </tr> <tr> <td>A. CCTV System</td> <td></td> </tr> <tr> <td>Dome Camera</td> <td></td> </tr> <tr> <td>PTZ Camera</td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> </tr> <tr> <td>Recorder/Decoder</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> <tr> <td>B. Access System</td> <td></td> </tr> <tr> <td>Card reader w keypad</td> <td></td> </tr> <tr> <td>Card reader w door release</td> <td></td> </tr> <tr> <td>Intercom</td> <td></td> </tr> <tr> <td>Intercom w door release</td> <td></td> </tr> <tr> <td>Call bell</td> <td></td> </tr> <tr> <td>Video Intercom</td> <td></td> </tr> <tr> <td>Video intercom w d/release</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Security System		A. CCTV System		Dome Camera		PTZ Camera		Monitor		Recorder/Decoder		Others		B. Access System		Card reader w keypad		Card reader w door release		Intercom		Intercom w door release		Call bell		Video Intercom		Video intercom w d/release		Others																																																						
Cavity Wall																																																																																																																																		
Single Wall																																																																																																																																		
Dry wall																																																																																																																																		
Curtain Wall																																																																																																																																		
Remarks / Others																																																																																																																																		
Barcode Scanner		Mykad Reader																																																																																																																																
Flatbed Scanner		Info Kiosk																																																																																																																																
Video Conferencing		PC Trolley																																																																																																																																
UPS(600VA)		Wireless AP																																																																																																																																
Security System																																																																																																																																		
A. CCTV System																																																																																																																																		
Dome Camera																																																																																																																																		
PTZ Camera																																																																																																																																		
Monitor																																																																																																																																		
Recorder/Decoder																																																																																																																																		
Others																																																																																																																																		
B. Access System																																																																																																																																		
Card reader w keypad																																																																																																																																		
Card reader w door release																																																																																																																																		
Intercom																																																																																																																																		
Intercom w door release																																																																																																																																		
Call bell																																																																																																																																		
Video Intercom																																																																																																																																		
Video intercom w d/release																																																																																																																																		
Others																																																																																																																																		
A12. SANITARY WARES & FITTING								B12. SPECIAL REQUIREMENT								D12. SECURITY SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Barcode Scanner</td> <td></td> <td>Mykad Reader</td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td></td> <td>Wireless AP</td> </tr> </table>								Barcode Scanner		Mykad Reader	Flatbed Scanner		Info Kiosk	Video Conferencing		PC Trolley	UPS(600VA)		Wireless AP	<table border="1"> <tr> <td>Barcode Scanner</td> <td></td> <td>Mykad Reader</td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td></td> <td>Wireless AP</td> </tr> </table>								Barcode Scanner		Mykad Reader	Flatbed Scanner		Info Kiosk	Video Conferencing		PC Trolley	UPS(600VA)		Wireless AP	<table border="1"> <tr> <td>Security System</td> <td></td> </tr> <tr> <td>A. CCTV System</td> <td></td> </tr> <tr> <td>Dome Camera</td> <td></td> </tr> <tr> <td>PTZ Camera</td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> </tr> <tr> <td>Recorder/Decoder</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> <tr> <td>B. Access System</td> <td></td> </tr> <tr> <td>Card reader w keypad</td> <td></td> </tr> <tr> <td>Card reader w door release</td> <td></td> </tr> <tr> <td>Intercom</td> <td></td> </tr> <tr> <td>Intercom w door release</td> <td></td> </tr> <tr> <td>Call bell</td> <td></td> </tr> <tr> <td>Video Intercom</td> <td></td> </tr> <tr> <td>Video intercom w d/release</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Security System		A. CCTV System		Dome Camera		PTZ Camera		Monitor		Recorder/Decoder		Others		B. Access System		Card reader w keypad		Card reader w door release		Intercom		Intercom w door release		Call bell		Video Intercom		Video intercom w d/release		Others																																																				
Barcode Scanner		Mykad Reader																																																																																																																																
Flatbed Scanner		Info Kiosk																																																																																																																																
Video Conferencing		PC Trolley																																																																																																																																
UPS(600VA)		Wireless AP																																																																																																																																
Barcode Scanner		Mykad Reader																																																																																																																																
Flatbed Scanner		Info Kiosk																																																																																																																																
Video Conferencing		PC Trolley																																																																																																																																
UPS(600VA)		Wireless AP																																																																																																																																
Security System																																																																																																																																		
A. CCTV System																																																																																																																																		
Dome Camera																																																																																																																																		
PTZ Camera																																																																																																																																		
Monitor																																																																																																																																		
Recorder/Decoder																																																																																																																																		
Others																																																																																																																																		
B. Access System																																																																																																																																		
Card reader w keypad																																																																																																																																		
Card reader w door release																																																																																																																																		
Intercom																																																																																																																																		
Intercom w door release																																																																																																																																		
Call bell																																																																																																																																		
Video Intercom																																																																																																																																		
Video intercom w d/release																																																																																																																																		
Others																																																																																																																																		
A13. OTHERS								B13. SPECIAL REQUIREMENT								D13. SECURITY SYSTEM																																																																																																																		
<table border="1"> <tr> <td>Barcode Scanner</td> <td></td> <td>Mykad Reader</td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td></td> <td>Wireless AP</td> </tr> </table>								Barcode Scanner		Mykad Reader	Flatbed Scanner		Info Kiosk	Video Conferencing		PC Trolley	UPS(600VA)		Wireless AP	<table border="1"> <tr> <td>Barcode Scanner</td> <td></td> <td>Mykad Reader</td> </tr> <tr> <td>Flatbed Scanner</td> <td></td> <td>Info Kiosk</td> </tr> <tr> <td>Video Conferencing</td> <td></td> <td>PC Trolley</td> </tr> <tr> <td>UPS(600VA)</td> <td></td> <td>Wireless AP</td> </tr> </table>								Barcode Scanner		Mykad Reader	Flatbed Scanner		Info Kiosk	Video Conferencing		PC Trolley	UPS(600VA)		Wireless AP	<table border="1"> <tr> <td>Security System</td> <td></td> </tr> <tr> <td>A. CCTV System</td> <td></td> </tr> <tr> <td>Dome Camera</td> <td></td> </tr> <tr> <td>PTZ Camera</td> <td></td> </tr> <tr> <td>Monitor</td> <td></td> </tr> <tr> <td>Recorder/Decoder</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> <tr> <td>B. Access System</td> <td></td> </tr> <tr> <td>Card reader w keypad</td> <td></td> </tr> <tr> <td>Card reader w door release</td> <td></td> </tr> <tr> <td>Intercom</td> <td></td> </tr> <tr> <td>Intercom w door release</td> <td></td> </tr> <tr> <td>Call bell</td> <td></td> </tr> <tr> <td>Video Intercom</td> <td></td> </tr> <tr> <td>Video intercom w d/release</td> <td></td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>								Security System		A. CCTV System		Dome Camera		PTZ Camera		Monitor		Recorder/Decoder		Others		B. Access System		Card reader w keypad		Card reader w door release		Intercom		Intercom w door release		Call bell		Video Intercom		Video intercom w d/release		Others																																																				
Barcode Scanner		Mykad Reader																																																																																																																																
Flatbed Scanner		Info Kiosk																																																																																																																																
Video Conferencing		PC Trolley																																																																																																																																
UPS(600VA)		Wireless AP																																																																																																																																
Barcode Scanner		Mykad Reader																																																																																																																																
Flatbed Scanner		Info Kiosk																																																																																																																																
Video Conferencing		PC Trolley																																																																																																																																
UPS(600VA)		Wireless AP																																																																																																																																
Security System																																																																																																																																		
A. CCTV System																																																																																																																																		
Dome Camera																																																																																																																																		
PTZ Camera																																																																																																																																		
Monitor																																																																																																																																		
Recorder/Decoder																																																																																																																																		
Others																																																																																																																																		
B. Access System																																																																																																																																		
Card reader w keypad																																																																																																																																		
Card reader w door release																																																																																																																																		
Intercom																																																																																																																																		
Intercom w door release																																																																																																																																		
Call bell																																																																																																																																		
Video Intercom																																																																																																																																		
Video intercom w d/release																																																																																																																																		
Others																																																																																																																																		



FLOOR PLAN

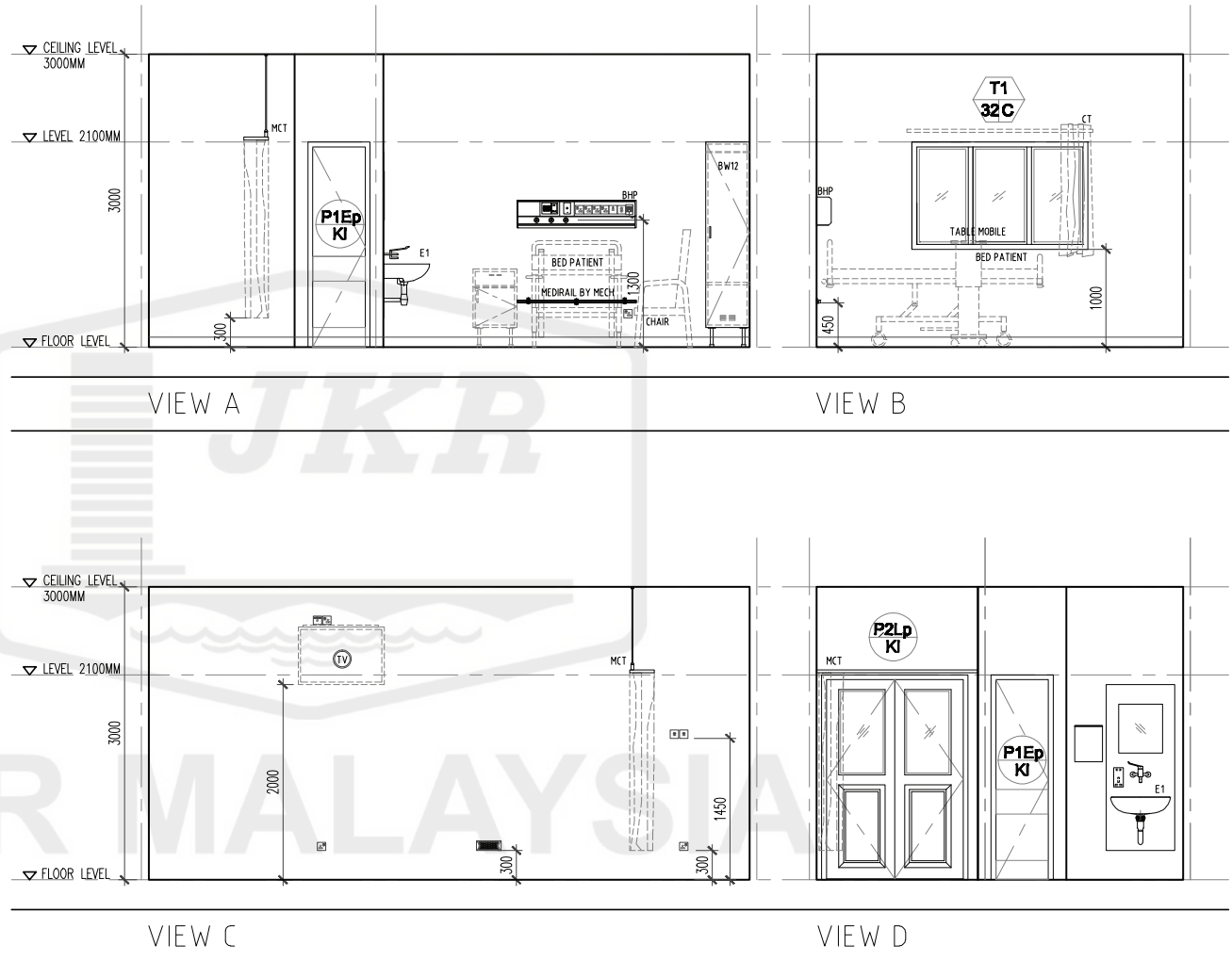


ROOM CODE	
V1	SV
PU	PC1
AC24	3M
20M ²	
AL	



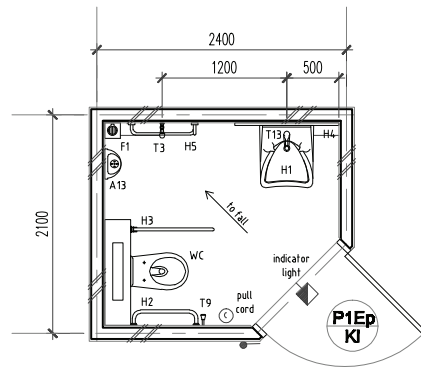
CEILING PLAN

CLIENT	DESIGNERS	TITLE	ROOM NAME	SINGLE ROOM (FIRST CLASS)	DRAWING NO.
 BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN	JKR/CA/P-DRP/07/28/PEL15/006/47-1
DATE	SCALE	REVISION			
NOV 2017	not to scale				

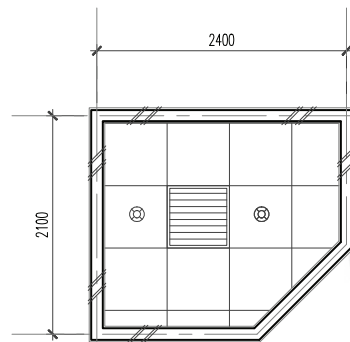


CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
 BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	SINGLE ROOM (FIRST CLASS)	JKR/CA/P-DRP/07/26/PEL15/006/47-2
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

108

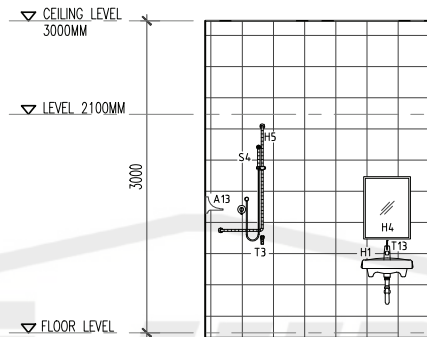


FLOOR PLAN

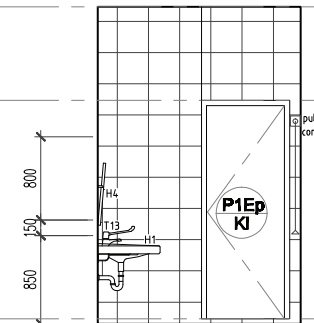


CEILING PLAN

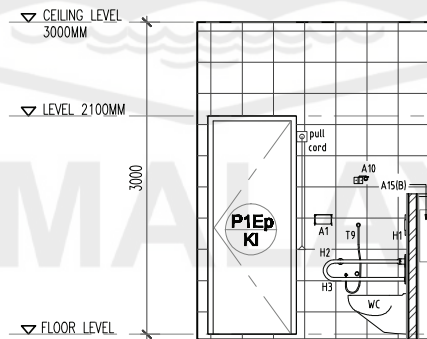
ROOM CODE	
HT5	-
WCT3	LGB1
MV	3M
	5M ²
AL	



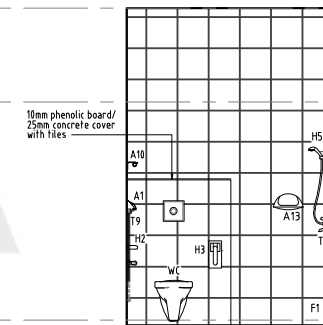
VIEW A



VIEW B



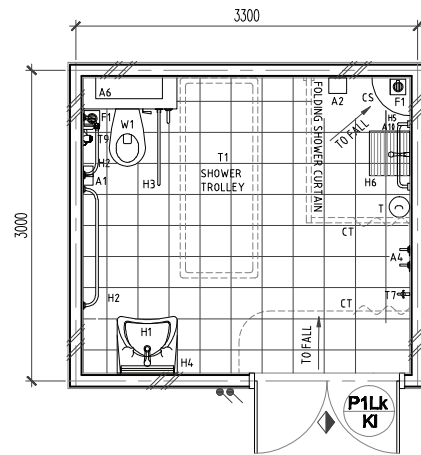
VIEW C



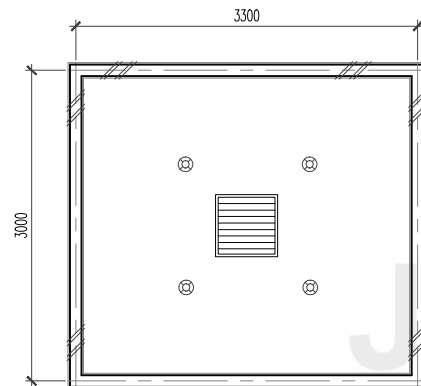
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	PATIENT'S TOILET (SINGLE BED ROOM)	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/48
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	PINDAAN
			NOV 2017	not to scale	

[illegible]

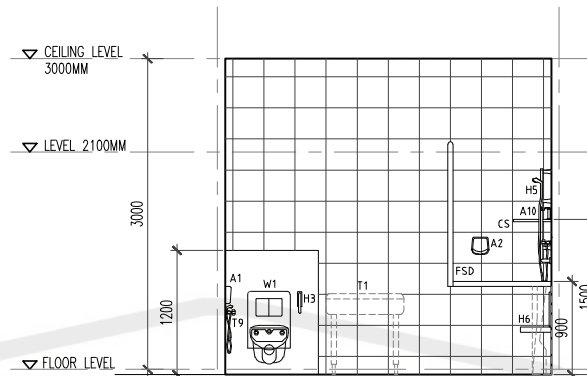


FLOOR PLAN

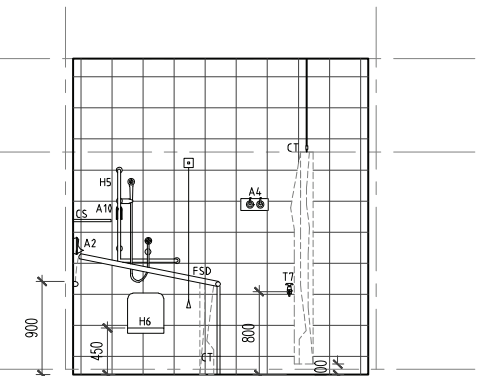


CEILING PLAN

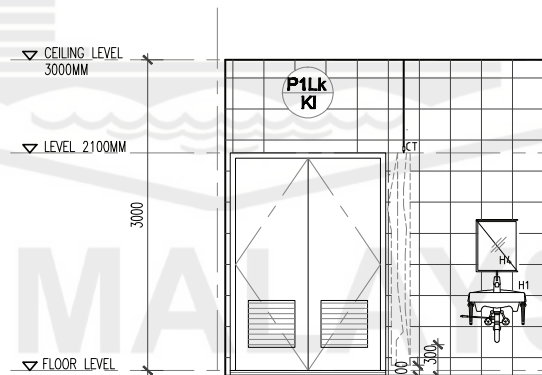
ROOM CODE	
HT4	ST
WCT4	LGB1
MV	3M
10M ²	
-	



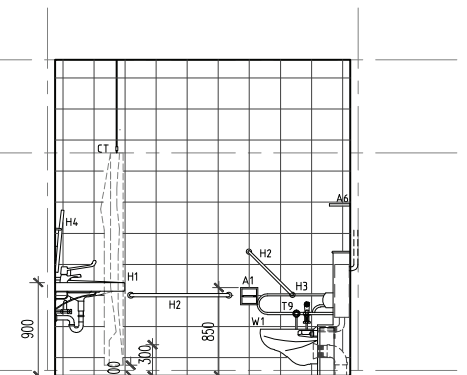
VIEW A



VIEW B



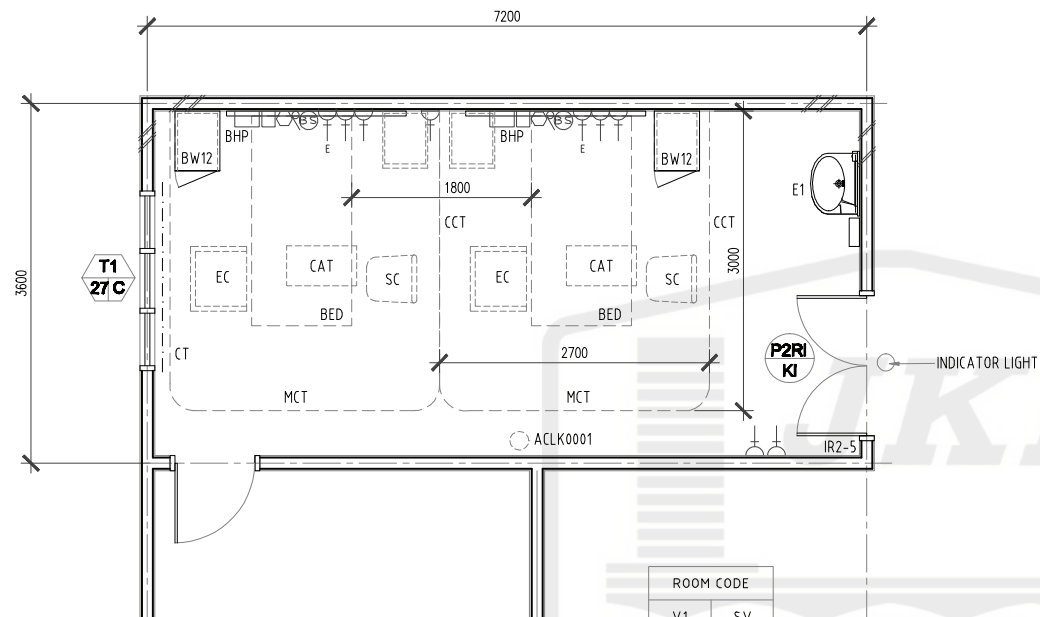
VIEW C



VIEW D

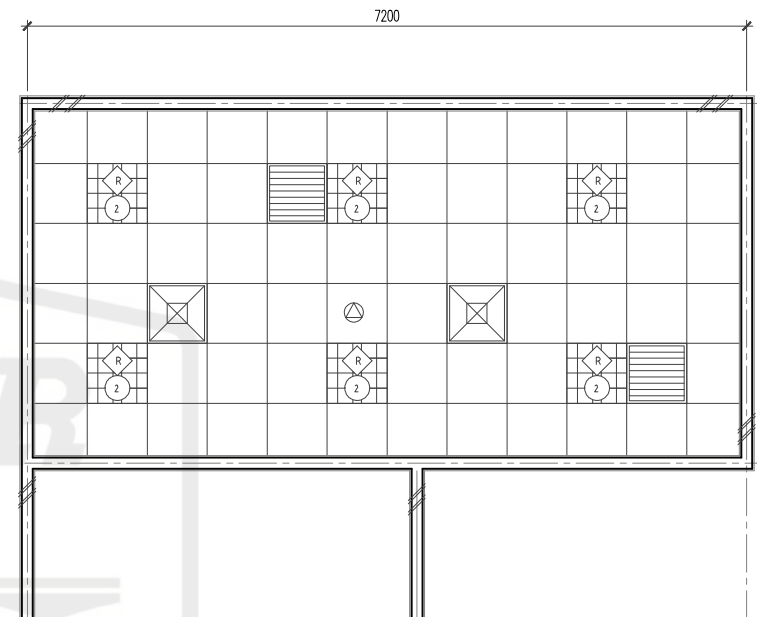
CLIENT	DESIGNERS	TITLE	ROOM NAME	ASSISTED BATHROOM (STANDARD WARD)	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	PLAN & VIEW	JKR/CA/P-DRP/07/26/PEL15/006/49
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	REVISION
			NOV 2017	not to scale	

112



FLOOR PLAN

ROOM CODE	
V1	SV
EP	LGB 1
24 j	3000
26 (M ²)	
A.L 0.00	

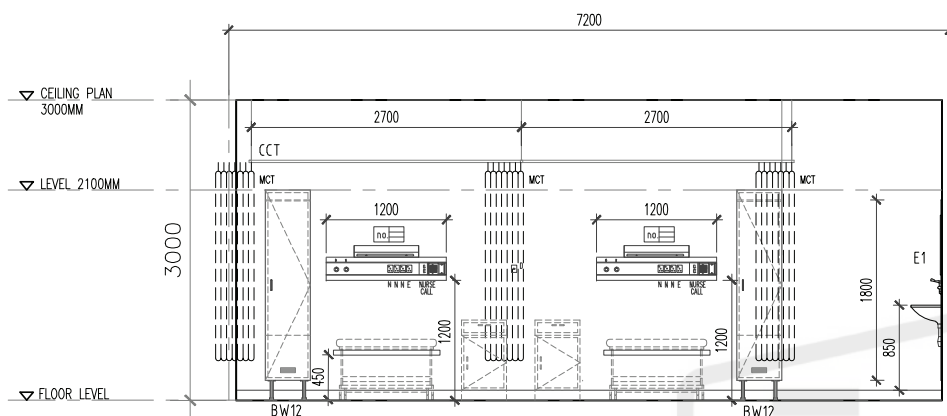


CEILING PLAN

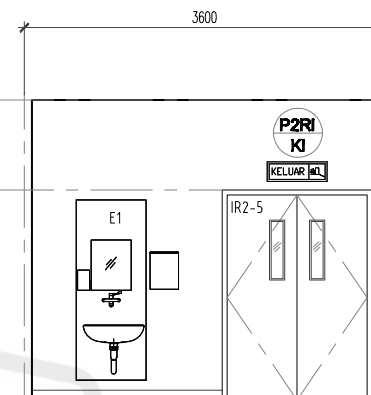
NOTE:

- ALL 24HR A/C ROOM SHALL HAVE:
 1. CAVITY WALL UP TO SOFFIT
 2. LAMINATED SUSPENDED GYPSUM BOARD CEILING
 3. DOORS AND WINDOW SHALL BE DOUBLE GLAZING
- REFER TO THE GUIDELINES FOR THE PREVENTION OF FUNGUS LATEST ISSUED BY JKR

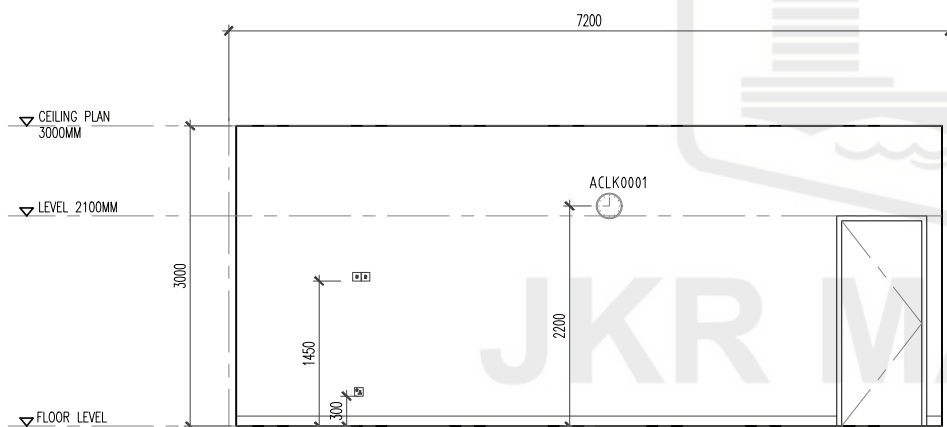
CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DOUBLE BED ROOM (FIRST CLASS)	JKR/CA/P-DRP/07/26/PEL15/006/50-1
			DRAWING TYPE	REVISION
			PLAN	
			DATE	SCALE
			NOV 2017	not to scale



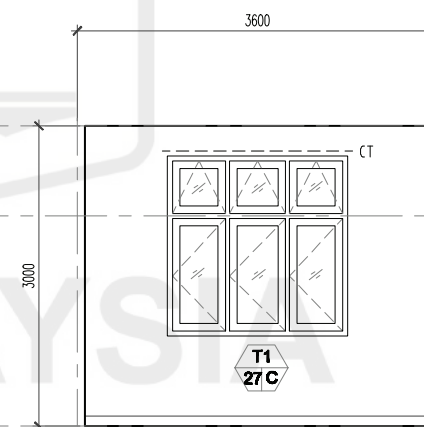
VIEW A



VIEW B



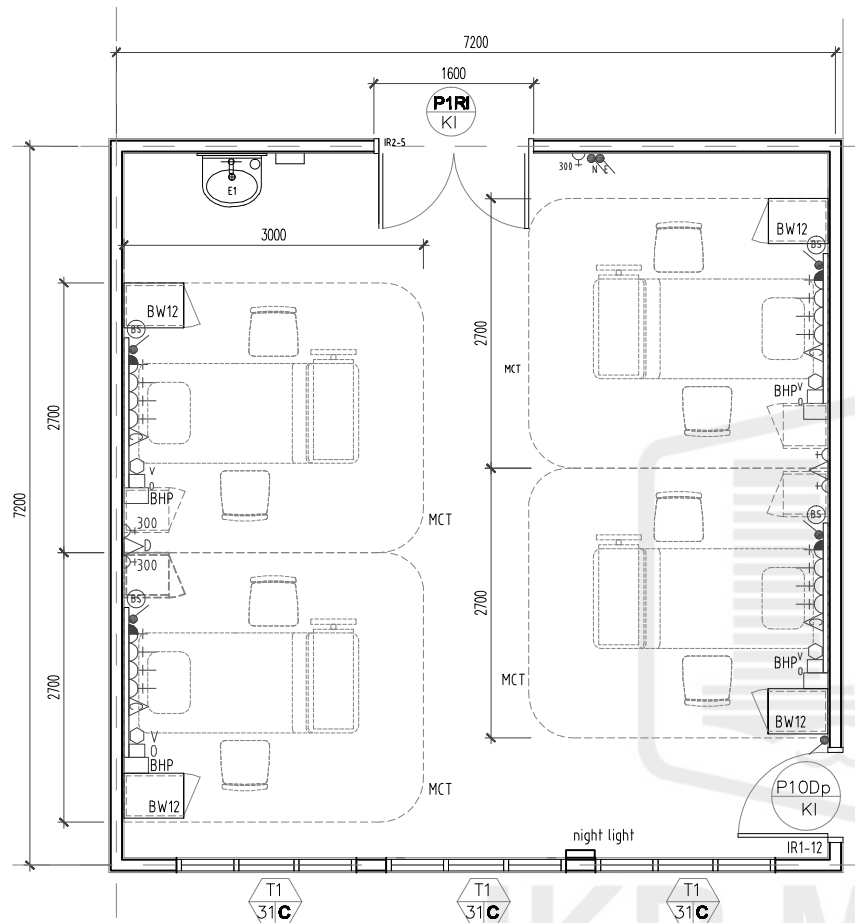
VIEW C



VIEW D

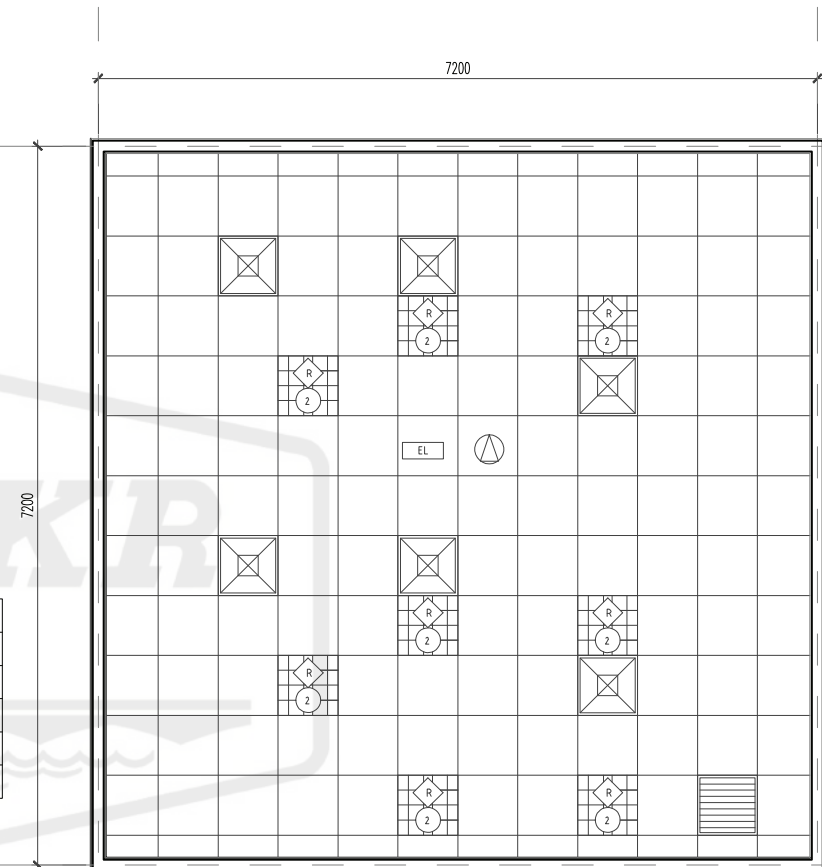
CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DOUBLE BED ROOM (FIRST CLASS)	JKR/CA/P-DRP/07/26/PEL15/006/50-2
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	

ROOM SIZE: 26 sqm ³		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: DOUBLE BED ROOM (FIRST CLASS)		*ROOM CODE:																																																										
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS																																																										
A01. FINISHES				B1. MEDICAL GAS				D1. LIGHTING SYSTEM																																																										
<table border="1"> <tr> <th>Wall</th> <th>Ceiling</th> <th>Floor</th> <th>Skirting</th> </tr> <tr> <td>EP</td> <td>LG81</td> <td>V1</td> <td>SV</td> </tr> </table>				Wall	Ceiling	Floor	Skirting	EP	LG81	V1	SV	<table border="1"> <tr> <th>Bil.</th> <th>ii) TYPE OF OUTLET</th> <th>Bil.</th> </tr> <tr> <td></td> <td>Oxygen</td> <td>4</td> </tr> <tr> <td></td> <td>Nitrous Oxide</td> <td>2</td> </tr> <tr> <td></td> <td>Medical Vacuum</td> <td>4</td> </tr> <tr> <td></td> <td>Medical Air - 4 bar</td> <td>4</td> </tr> <tr> <td></td> <td>Surgical Air - 7 bar</td> <td></td> </tr> <tr> <td></td> <td>Surgical Air - 10 bar</td> <td></td> </tr> <tr> <td></td> <td>Etonox</td> <td></td> </tr> <tr> <td></td> <td>Other</td> <td></td> </tr> </table>				Bil.	ii) TYPE OF OUTLET	Bil.		Oxygen	4		Nitrous Oxide	2		Medical Vacuum	4		Medical Air - 4 bar	4		Surgical Air - 7 bar			Surgical Air - 10 bar			Etonox			Other		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Lux</td> <td>300</td> </tr> <tr> <td>ii) Type</td> <td>Type</td> </tr> <tr> <td>Flourescent</td> <td>v</td> </tr> <tr> <td>Downlight</td> <td></td> </tr> <tr> <td>iii) Others</td> <td>Type</td> </tr> <tr> <td>Night Light</td> <td>v</td> </tr> <tr> <td>Emergency Light</td> <td>v</td> </tr> <tr> <td>Stage Lighting</td> <td></td> </tr> <tr> <td>Reading & Observation Light</td> <td>v</td> </tr> </table>				Notes	Qty.	Lux	300	ii) Type	Type	Flourescent	v	Downlight		iii) Others	Type	Night Light	v	Emergency Light	v	Stage Lighting		Reading & Observation Light	v
Wall	Ceiling	Floor	Skirting																																																															
EP	LG81	V1	SV																																																															
Bil.	ii) TYPE OF OUTLET	Bil.																																																																
	Oxygen	4																																																																
	Nitrous Oxide	2																																																																
	Medical Vacuum	4																																																																
	Medical Air - 4 bar	4																																																																
	Surgical Air - 7 bar																																																																	
	Surgical Air - 10 bar																																																																	
	Etonox																																																																	
	Other																																																																	
Notes	Qty.																																																																	
Lux	300																																																																	
ii) Type	Type																																																																	
Flourescent	v																																																																	
Downlight																																																																		
iii) Others	Type																																																																	
Night Light	v																																																																	
Emergency Light	v																																																																	
Stage Lighting																																																																		
Reading & Observation Light	v																																																																	
A02. DOOR				B2. FIRE FIGHTING				D2. VENTILATION																																																										
<table border="1"> <tr> <th>Door 1</th> <th>Bil.</th> <th>Door 2</th> <th>Bil.</th> <th>Door 3</th> <th>Bil.</th> </tr> <tr> <td></td> <td>1</td> <td>P10Dp</td> <td></td> <td></td> <td></td> </tr> </table>				Door 1	Bil.	Door 2	Bil.	Door 3	Bil.		1	P10Dp				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> <th>NOTES</th> </tr> <tr> <td>Ceiling Fan 1500</td> <td></td> <td></td> </tr> <tr> <td>Ceiling Fan 1200</td> <td></td> <td></td> </tr> <tr> <td>Wall Fan</td> <td></td> <td></td> </tr> <tr> <td>Fan Regulator</td> <td></td> <td></td> </tr> <tr> <td>Others</td> <td></td> <td></td> </tr> </table>				Notes	Qty.	NOTES	Ceiling Fan 1500			Ceiling Fan 1200			Wall Fan			Fan Regulator			Others			<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																
Door 1	Bil.	Door 2	Bil.	Door 3	Bil.																																																													
	1	P10Dp																																																																
Notes	Qty.	NOTES																																																																
Ceiling Fan 1500																																																																		
Ceiling Fan 1200																																																																		
Wall Fan																																																																		
Fan Regulator																																																																		
Others																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A03. WINDOW				B3. VENTILATION SYSTEM				D3. POWER SOURCE																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A04. INTERNAL GLAZING				B4. WATER AND SANITARY REQUIREMENT				D4. AUDIO SYSTEM																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A06. SIGNAGES				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A07. BUILT-IN FURNITURES				C. IT REQUIREMENTS				D7. NURSE CALL SYSTEM																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A08. LABORATORY FURNITURES				C1. NETWORK POINTS				D8. AUDIO VISUAL SYSTEM																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A09. LOOSE FURNITURES				C2. TELEFON				D9. SECURITY SYSTEM																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A10. ACCESSORIES				C3. COMPUTER				GROUP 3 - LOOSE EQUIPMENTS																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A11. WALL TYPES				C4. PACS Workstation				GROUP 4 - CONSUMABLES																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A12. SANITARY WARES & FITTING				C5. PRINTERS				GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
A13. OTHERS				C6. MISCELLANEOUS				GROUP 2- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL																																																										
<table border="1"> <tr> <th>Window</th> <th>Bil.</th> <th>Specification</th> <th>/</th> <th>specification</th> <th>/</th> </tr> <tr> <td></td> <td>1</td> <td>T3 27 C</td> <td></td> <td></td> <td></td> </tr> </table>				Window	Bil.	Specification	/	specification	/		1	T3 27 C				<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes		<table border="1"> <tr> <th>Notes</th> <th>Qty.</th> </tr> <tr> <td>Normal</td> <td>8</td> </tr> <tr> <td>Essential</td> <td>2</td> </tr> <tr> <td>UPS</td> <td></td> </tr> <tr> <td>Notes</td> <td></td> </tr> </table>				Notes	Qty.	Normal	8	Essential	2	UPS		Notes																								
Window	Bil.	Specification	/	specification	/																																																													
	1	T3 27 C																																																																
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		
Notes	Qty.																																																																	
Normal	8																																																																	
Essential	2																																																																	
UPS																																																																		
Notes																																																																		



FLOOR PLAN

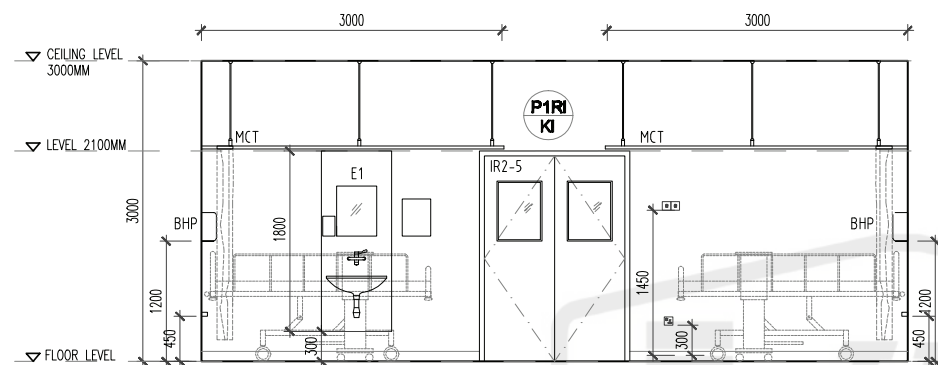
ROOM CODE	
V1	SV
EP	LGB1
24j	3000
52 (M ²)	
A L 0.00	



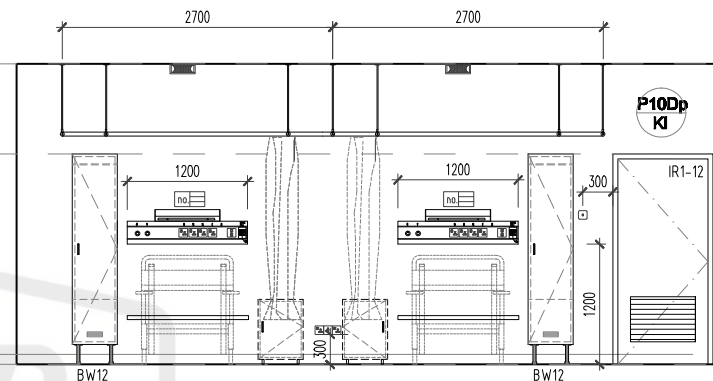
CEILING PLAN

- NOTE:
- ALL 24 HR A/C ROOM SHALL HAVE:
 1. CAVITY WALL UP TO SOFFIT
 2. LAMINATED SUSPENDED GYPSUM BOARD CEILING
 3. DOORS AND WINDOW SHALL BE DOUBLE GLAZING
 - REFER TO THE GUIDELINES FOR THE PREVENTION OF FUNGUS LATEST ISSUED BY JKR
 - FOUR BEDDED (1ST CLASS) SHALL INCLUDE MATV

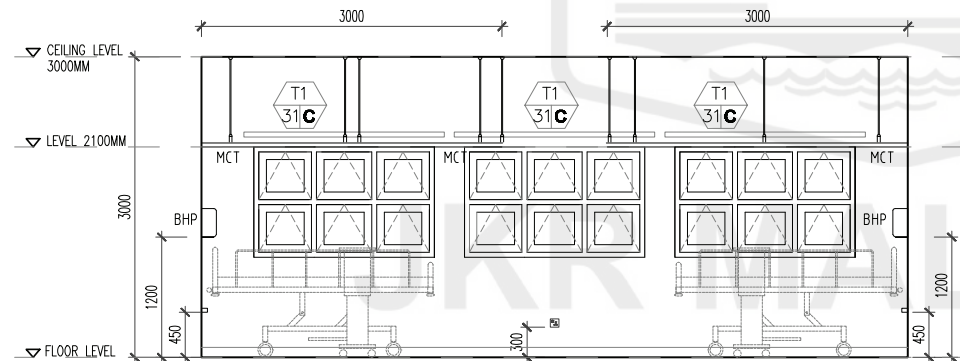
CLIENT	DESIGNER	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	FOUR BEDDED ROOM	JKR/CAP-DRP/07/26/PEL15/006/51-1
			DRAWING TYPE	REVISION
			DATE	
			NOV 2017	
			SCALE	
			not to scale	



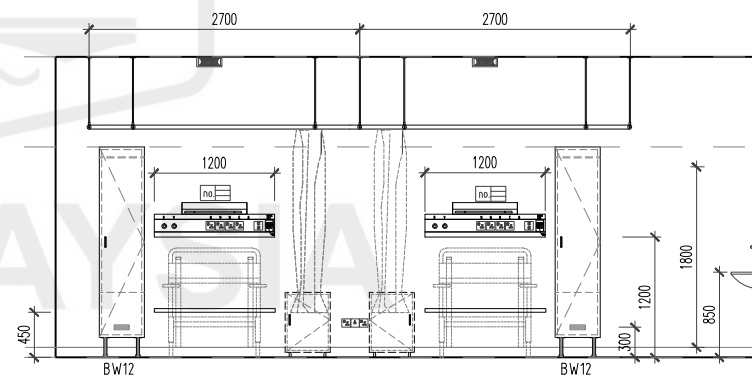
VIEW A



VIEW B



VIEW C



VIEW D

CLIENT	DESIGNER	TITLE	ROOM NAME	FOUR BEDDED ROOM	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	VIEW	JKR/CA/P-DRP/07/26/PEL15/006/51-2
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DATE	SCALE	REVISION
			NOV 2017	not to scale	

ROOM SIZE: 52 sqm²

OCCUPANCY LOAD:

*DEPARTMENT:

ROOM NAME: FOUR BEDDED ROOM

*ROOM CODE:

A01. FINISHES

Wall

GP-Plaster & Epoxy Paint

Ceiling

GB1-Glass Fibre Gypsum Board

Floor

V1-Heavy Duty Homo. Vinyl Flooring

Skirting

SV-100mm. High vinyl skirting to match

Door 1

P1Rs / KI

1

Door 2

P10Dp / KI

1

Door 3

Grille

Remarks

DOOR ACCESSORIES

Ironmongery

IR1-10

Door Protection

2

Push Plate

2

Crash Plate

2

Kick Plate

2

Remarks

A03. WINDOW

Window

Bil.

Specification

/

specification

/

Code

TI/31/C

3

Grille

Restrictor 30"

/

Lockable Key

/

Low level window

Restrictor 60"

/

Single glazing

/

High level window

Insect Netting

/

Double glazing

/

Remarks

A04. INTERNAL GLAZING

Bil.

Bil.

A05. HATCH / PASS THROUGH COUNTER

A06. SIGNAGES

Bil.

Bil.

A07. BUILT-IN FURNITURES

Bil.

Bil.

A08. LABORATORY FURNITURES

Bil.

Bil.

A09. LOOSE FURNITURES

Bil.

Bil.

A10. ACCESSORIES

A11. WALL TYPES

Bil.

Bil.

A12. SANITARY WARES & FITTING

Bil.

Bil.

A13. OTHERS

Bil.

Bil.

B1. MEDICAL GAS

IGAS PIPING

Bil.

ii)TYPE OF OUTLET

Bil.

Oxygen

1

Wall Mounted

Nitrous Oxide

Bedhead Panel

Medical Vacuum

1

Medical Pendant

Medical Air - 4 bar

Neonatal Workstation

Surgical Air - 7 bar

A&E Workstation

Surgical Air - 10 bar

Etonox

Other

B2. FIRE FIGHTING

Sprinkler System

Pendant type

1

Conceal type

Sidewall

Fire Extinguisher

CO2 Portable

DP portable

Fire Alarm

Clean Agent

Smoke Detector

Heat Detector

Combine

Flashing Light

Sounder

B3. VENTILATION SYSTEM

i)Ventilation

Mechanical Vent

Natural Vent

Ceiling Fan

Air Extration - Mechanical Ventilation

Ducted Exhaust

Non Ducted Exhaust

Air Filtration

Normal Filters

Hepa Filters

Usage

Intermittent

Office Hours

24 Hours

Extended Hours

ii)Air Conditioning

Room Temperature @

74°F± 1°F

Air Change

Relative Humidity (%)

Room Static Level (Pa)

Permissible Noise Level (nc)

Total Exhaust

Y/N

Air Filtration

Normal Filters

1

HEPA Filters

Usage

Intermittent

Office Hours

24 Hours

Extended Hours

iii) Air-conditioning (usage)

Intermittent

Office Hours

24 Hours

Extended Hours

B4. WATER AND SANITARY REQUIREMENT

SALURAN AIR

Bil.

Bil.

Cold

1

Hot

RO Water

Outlet

Special Drainage Requirement

Bil.

Neutralized Tank

Bil.

Grease Trap

Plaster Trap

Other

B5. PNEUMATIC TUBE

B6. SPECIAL REQUIREMENT

C. IT REQUIREMENTS

3

C1. NETWORK POINTS

UTP

2

STP

Wifi

C2. TELEFON

Specification

Type A

Type B

Type C

Fax

Quantity

Digital/Analog/VOIP

C3. COMPUTER

Workstation

Qty

Tablet

Type

Laptop/Notebook

Type

Qty

C4. PACS Workstation

Reporting Station

Qty

Viewing Station

Qty

Digitiser

Qty

C5. PRINTERS

Type

Qty

Local Printer (A4) Black

Qty

Local Printer (A4) Colour

Qty

Network Printer (A4) Black

Qty

Network Printer (A4) Colour

Qty

Barcode Printer

Qty

C6. MISCELLANEOUS

Barcode Scanner

Qty

Mykad Reader

Qty

Flatbed Scanner

Qty

Info Kiosk

Qty

Video Conferencing

Qty

PC Trolley

Qty

UPS(600VA)

Qty

Wireless AP

Qty

D. ELECTRICAL REQUIREMENTS

D1. LIGHTING SYSTEM

ii) Lighting Intensity

300

iii) Type

Type

Qty

Flourescent

8

Downlight

iii) Others

Type

Qty

Etonox

1

Emergency Light

1

Stage Lighting

D2. VENTILATION

Ceiling Fan 1500

Qty

Notes

Ceiling Fan 1200

Wall Fan

Fan Regulator

Others

D3. POWER SOURCE

Socket

Normal

Essential

UPS

Notes

13 Amp Single

18

4

13 Amp Twin

15 Amp Single

230V Termination

Isolator

1-phase

3-phase

Others

D4. AUDIO SYSTEM

PA SYSTEM

Qty

Notes

Ceiling speaker

1

Volume Control

Box Speaker

PA Rack

Others

D5. MATV SYSTEM

System MATV

Qty

Notes

WATV Point

TV set (32" c/w bracket)

TV set (42" c/w bracket)

Others

D6. DIGITAL CALLING SYSTEM

Digital Calling System

Qty

Notes

Main Display Unit

Display Unit

Ticket Printer

Counter/room terminal

Others

D7. NURSE CALL SYSTEM

A. PATIENT

Qty

Notes

Cord

Light

Intercom/speech

1

Pull Cord

1

Code Blue

B. STAFF

Light

Display

Console

Others

D8. AUDIO VISUAL SYSTEM

LCD Projector

Qty

Notes

Projector Screen

Microphone

Speaker

AV Rack

Others

D9. SECURITY SYSTEM

Security System

Qty

Notes

A. CCTV System

Dome Camera

PTZ Camera

Monitor

Recorder/Decoder

Others

B. Access System

Card reader w keypad

Card reader w door release

Intercom

Intercom w door release

Call bell

Video Intercom

Video Intercom w d/release

Others

C. Intercom

Audio Intercom

Video Intercom

Others

GROUP 3 - LOOSE EQUIPMENTS

Equipment supply and install by Clients

Loose Medical Equipment

Item Code

Item Description

M/E

Qty.

1

Patient Bed Adjustable

4

Sections

4

2

Table Overbed

4

Loose Non-Medical Equipment

Item Code

Item Description

M/E

Qty.

Loose Medical Furniture

Item Code

Item Description

M/E

Qty.

GROUP 4 - CONSUMABLES

Others Detail/Equipment

PATIENT'S CHAIR

4

VISITOR CHAIR

4

GROUP 1- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL

Supply & Install By Contractor As per Contract Document

Fixed Medical Equipment Related To Electrical

Item Code

Item Description

Qty.

Fixed Medical Equipment Related To Mechanical

Item Code

Item Description

Qty.

GROUP 2- FIXED EQUIPMENT RELATED TO MECHANICAL & ELECTRICAL

Supply by Client & Install by Contractor

(E.g: salvageable items from an existing hospital)

Item Code

Item Description

Qty.

F. REMARKS

KEMENTERIAN KESIHATAN MALAYSIA

JABATAN KERJA RAYA MALAYSIA

HOOT ARCHITECT :

HOOT MECHANICAL :

HOOT ELECTRIC :

HOOT ICT :

CLIENT

CAWANGAN ARITEK, IKR MALAYSIA

CAWANGAN KEJURUTERAAN MEKANIKAL, IKR MALAYSIA

CAWANGAN KEJURUTERAAN ELEKTRIK, IKR MALAYSIA

CAWANGAN KEJURUTERAAN ELEKTRIK, IKR MALAYSIA

BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

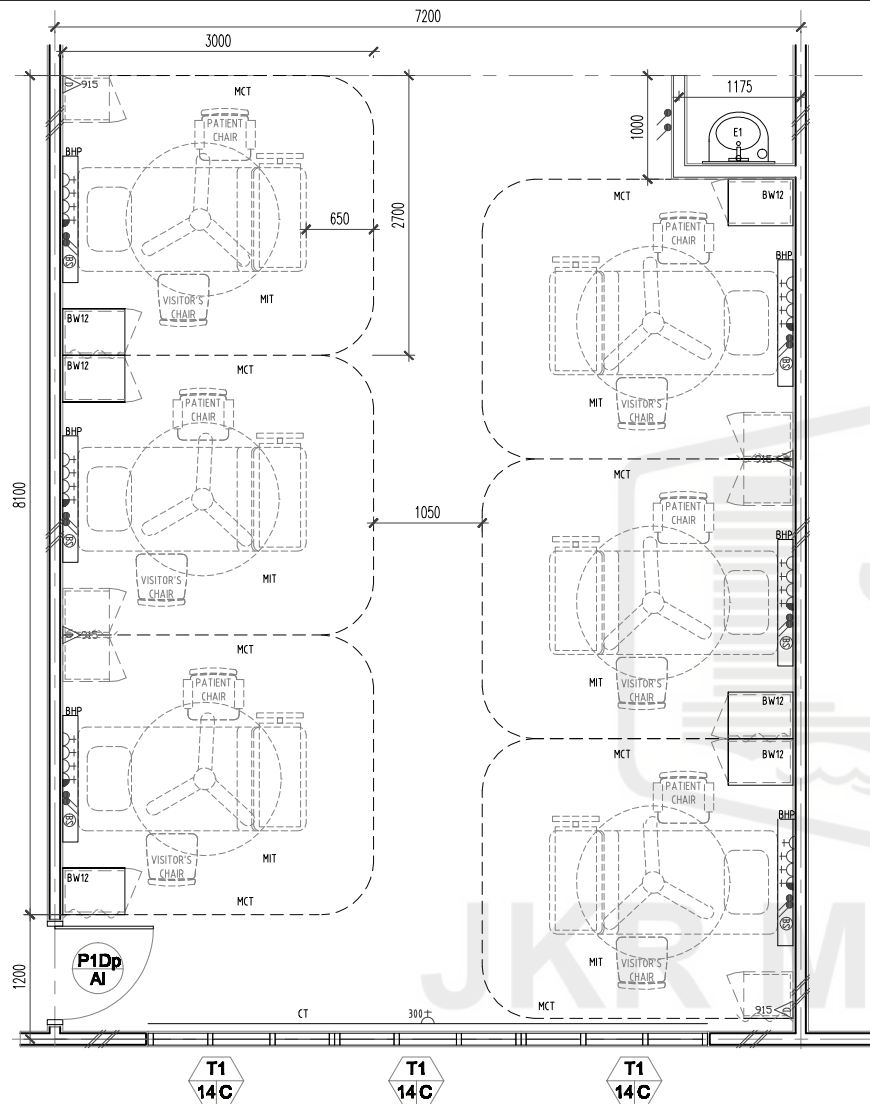
ROOM NAME : FOUR BEDDED ROOM

DRAWING NO : IKR/CA/P-DRP/07/26/PEL15/006/51-1

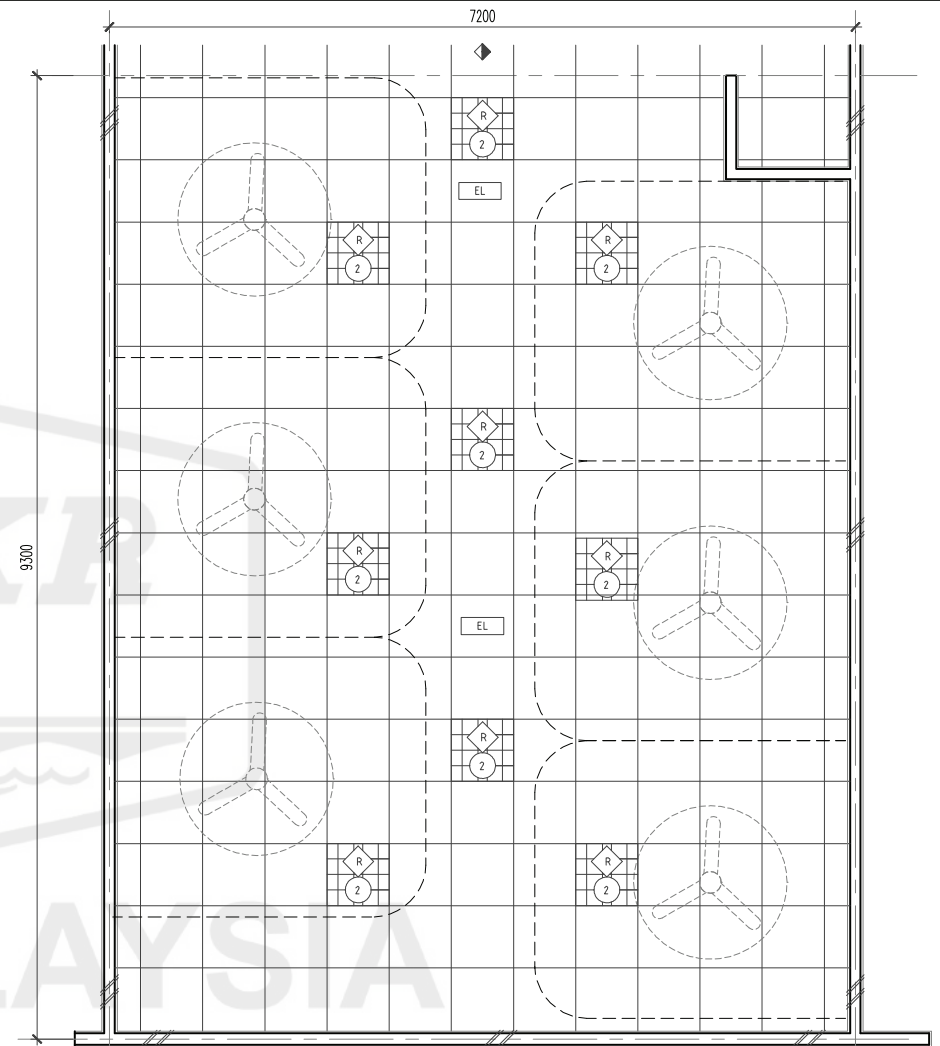
DATE IKR/CA/P-DRP/07/26/PEL15/006/51-2

© 2017 Jabatan Kerja Raya Malaysia . Hak Cipta Terpelihara

118



FLOOR PLAN



CEILING PLAN

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	SIX BEDDED ROOM	JKR/CA/P-DRP/07/26/PEL15/006/52-1
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DRAWING TYPE	REVISION
			PLAN	
			DATE	SCALE
			NOV 2017	not to scale



CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.	
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	DRAWING TYPE	JKR/CA/P-DRP/07/26/PEL15/006/52-2	
			DATE	REVISION	
			NOV 2017	not to scale	

ROOM SIZE: 67 m2		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: SIX BEDED ROOM		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION			
Wall (Plaster & Epoxy) (washable/wipeable/chem- ical resistant)				Ceiling 241: 600mm x 600mm x 40mm (3% Glass Fibre Gypsum Board)				Floor V1 Heavy Duty Homo. Vinyl Flooring			
Skirting 3V 120mm, high vinyl skirting to match				Bil. 12				Bil. 6			
A02. DOOR Code P10p / AL Grille none Remarks				B2. FIRE PROTECTION Sprinkler System Pendant type Fire Extinguisher CO2 Portable Fire Alarm Smoke Detector Alarm Bell				D2. VENTILATION SYSTEM Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others			
DOOR ACCESSORIES Ironmongery Door Protection Push Plate Crash Plate Kick Plate Remarks				B3. AIR CONDITIONING & MECHANICAL VENTILATION I. Ventilation Mechanical Vent Air Extration - Mechanical Ventilation Ducted Exhaust Air Filtration Normal Filters Usage Intermittent 24 Hours				D3. POWER POINT Socket 13 Amp Single 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others			
A03. WINDOW Code T1/14/C Grille Low level window High level window Remarks				B4. KEPERLUAN AIR DAN SANITARI SALURAN AIR Cold Only RO Water Special Drainage Requirement Grease Trap Plaster Trap				D4. PUBLIC ADDRESS SYSTEM PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others			
A04. INTERNAL GLAZING Bil.				B5. PNEUMATIC TUBE				D5. MATV SYSTEM Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others			
A05. HATCH / PASS THROUGH COUNTER				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others			
A06. SIGNAGES Bil.				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT) C1. NETWORK POINTS UTP 4 STP Wifi				D7. NURSE CALL SYSTEM Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others			
A07. BUILT-IN FURNITURES BW12 6				C2. TELEPHONE Specification Quantity Digital/Analog/VOIP				D8. DB. AUDIO VISUAL SYSTEM LCD Projector Projector Screen Microphone Speaker AV Rack Others			
A08. LABORATORY FURNITURES Bil.				C3. COMPUTER Workstation Type Qty Tablet Type Qty Laptop/Notebook Type Qty				GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL Code No. Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)			
A09. LOOSE FURNITURES Visitor Chair Patient's Chair Bed Pedestal				C4. PACS Workstation Reporting Station Qty Viewing Station Qty Digitiser Qty				GROUP 3 - LOOSE EQUIPMENTS Code No. Equipment Supply and Install by Client Loose Medical Equipment Item Code Item Description M/E Qty.			
A10. ACCESSORIES Floor Mounted / Wall Protection Cubical Track IV Track				C5. PRINTERS Type Qty Network Printer (A3) Colour Network Printer (A4) Black Network Printer (A4) Colour Local Printer (A4) Black Local Printer (A4) Colour Barcode Printer				Loose Non-Medical Equipment Item Code Item Description M/E Qty.			
A11. WALL TYPES Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				C6. MISCELLANEOUS Qty Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				Loose Medical Furniture Item Code Item Description M/E Qty.			
A12. SANITARY WARES & FITTING E1 - Clinical Sink				GROUP 4 - CONSUMABLES Code No. Others Detail/Equipment Item Code Item Description				F. REMARKS			
A13. OTHERS Bil.				Note: * to be fill based on project							



KEMENTERIAN KESIHATAN MALAYSIA



JABATAN KERJA RAYA MALAYSIA

HODT ARCHITECT

CAWANGAN ARKITEK,
JKR MALAYSIA

HODT MECHANICAL

CAWANGAN KEJURUTERAAN MEKANIKA,
JKR MALAYSIA

HODT ELECTRIC

CAWANGAN KEJURUTERAAN ELEKTRIK,
JKR MALAYSIA

HODT ICT

CAWANGAN KEJURUTERAAN ELEKTRIK,
JKR MALAYSIA

CLIENT

BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA

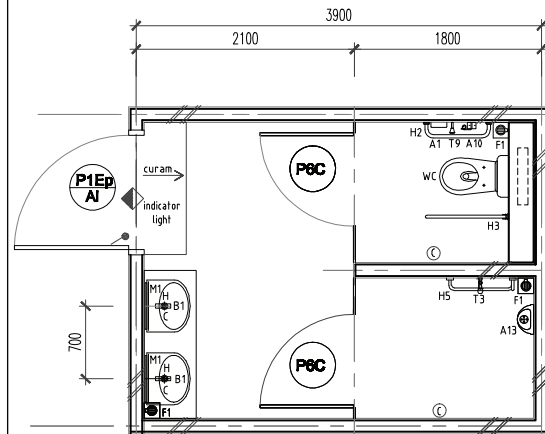
ROOM DATA : SIX BEDED ROOM

DRAWING NO. : JKR/CA/DRP/07/26/PEL 15/006/52-1

DATE : JKR/CA/DRP/07/26/PEL 15/006/52-2

REVISION :

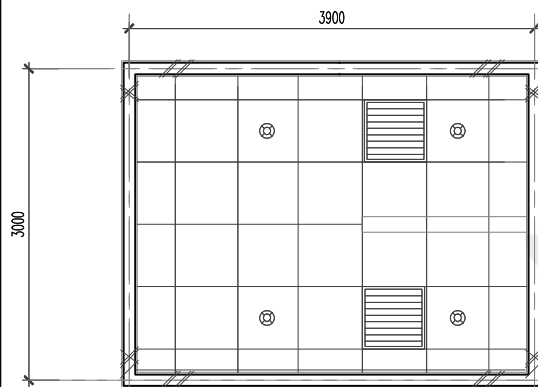
© 2017 Jabatan Kerja Raya Malaysia , Hak Cipta Terpelihara



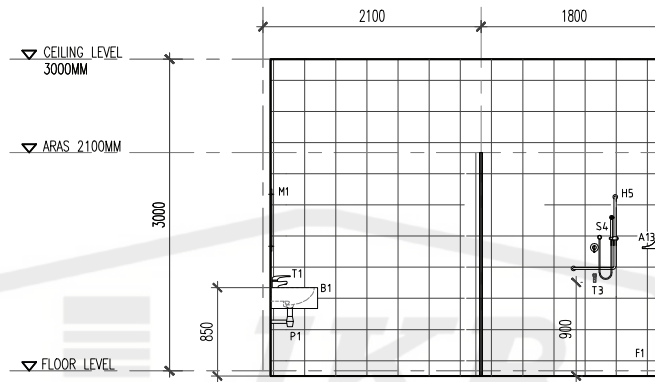
FLOOR PLAN



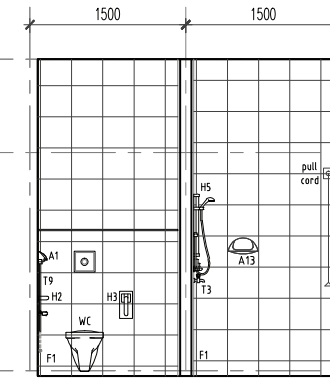
ROOM CODE	
HT5	-
WCT3	LGB1
MV	3M
	11M ²
	AL



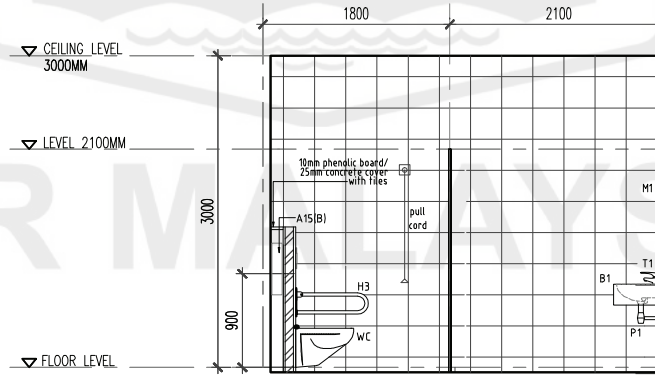
CEILING PLAN



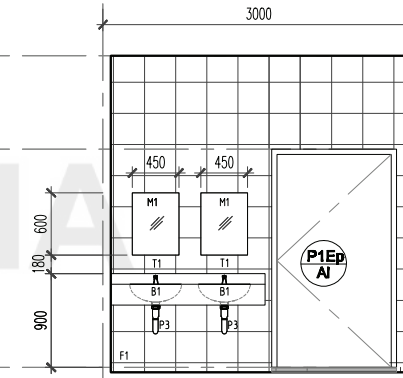
VIEW A



VIEW B



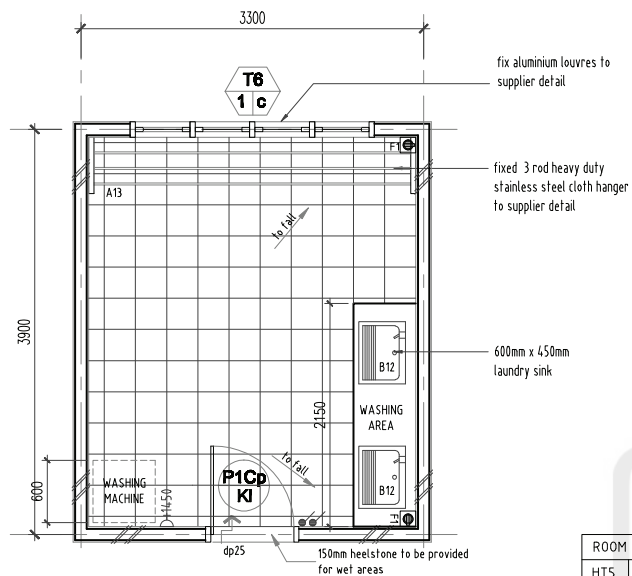
VIEW C



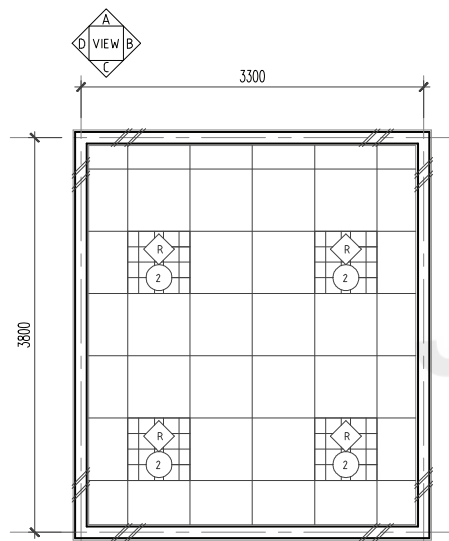
VIEW D

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA	STANDARDISED ROOM DATA (FOUR WALL ELEVATION)	PATIENT'S TOILET (FOUR BEDDED & SIX BEDDED ROOM)	JKR/CA/P-DRP/07/26/PEL15/006/53
			DRAWING TYPE	REVISION
			PLAN & VIEW	
			DATE	SCALE
			NOV 2017	not to scale

ROOM SIZE: 12 m ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: PATIENT'S TOILET (FOUR BEDDED & SIX BEDDED ROOM)		*ROOM CODE:			
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS			
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION			
Wall Ceiling Floor Skirting				i) GAS PIPING Bil. ii) TYPE OF OUTLET Bil.				i) Lighting Intensity Lux 150			
Door 1 Bil. Door 2 Bil. Door 3 Bil.				Nitrous Oxide Bedhead Panel Medical Vacuum Medical Pendant Medical Air - 4 bar Neonatal Workstation Surgical Air - 7 bar A&E Workstation Surgical Air - 10 bar Etanox Other				ii) Type Type Qty Fluorescent Downlight v 2 iii) Others Type Qty			
Code Grille Remarks DOOR ACCESSORIES Ironmongery K/K, Open hold Door Protection Push Plate Crash Plate Kick Plate Remarks				B2. FIRE PROTECTION Sprinkler System Pendant type Conceal type Sidewall Fire Extinguisher CO2 Portable Fire Alarm Clean Agent Smoke Detector Heat Detector Combine Alarm Bell Flashing Light Sounder				D2. VENTILATION SYSTEM Qty NOTES Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others			
A03. WINDOW Bil. Specification / Specification / Code Grille Restrictor 30" Lockable Key Alike Low level window Restrictor 60" Single glazing High level window Insect Netting Double glazing Remarks				B3. AIR CONDITIONING & MECHANICAL VENTILATION i) Ventilation Mechanical Vent v Natural Vent v Ceiling Fan Air Extraction - Mechanical Ventilation Ducted Exhaust v Non Ducted Exhaust Air Filtration Normal Filters Hepa Filters Usage Intermittent Office Hours 24 Hours v Extended Hours ii) Air Conditioning Room Temperature (°C) 74°F ± 1° Air Change Relative Humidity (%) 55 ± 5 Room Static Level (Pa) Permissible Noise Level (nc) Total Exhaust Air Filtration Normal Filters HEPA Filters iii) Air-conditioning (usage) Intermittent Office Hours 24 Hours Extended Hours				D3. POWER POINT Normal Essential UPS Notes Socket 13 Amp Single 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others			
A04. INTERNAL GLAZING Bil. Bil.				B4. KEPERLUAN AIR DAN SANITARI SALURAN AIR Bil. Cold Only 4 Hot & Cold 1 RO Water Outlet Special Drainage Requirement Bil. Bil. Grease Trap Neutralised Tank Plaster Trap Other				D4. PUBLIC ADDRESS SYSTEM Qty Notes PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others			
A05. HATCH / PASS THROUGH COUNTER				B5. PNEUMATIC TUBE				D5. MATV SYSTEM Qty Notes Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others			
A06. SIGNAGES Bil. Bil.				B6. SPECIAL REQUIREMENT				D6. DIGITAL CALLING SYSTEM Qty Notes Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others			
A07. BUILT-IN FURNITURES Bil. Bil.				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT) C1. NETWORK POINTS UTP STP Wifi				D7. NURSE CALL SYSTEM Qty Notes Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others			
A08. LABORATORY FURNITURES Bil. Bil.				C2. TELEPHONE Type A Type B Type C Fax				D8. DB. AUDIO VISUAL SYSTEM Qty Notes LCD Projector Projector Screen Microphone Speaker AV Rack Others			
A09. LOOSE FURNITURES Bil. Bil.				C3. COMPUTER Workstation Tablet Laptop/Notebook Type Qty Type Qty Type Qty				GROUP 1 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL Code No. Supply & Install By Contractor As per Contract Document			
A10. ACCESSORIES Floor Mounted / Wall Protection Curtain Track Cubical Track Blind IV Track Artworks				C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty Qty Qty				GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL Code No. Supply by Client & Install by Contractor (E.g. salvageable items from an existing hospital)			
A11. WALL TYPES Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				C5. PRINTERS Type Qty Type Qty Network Printer (A3) Colour Local Printer (A4) Black Network Printer (A4) Black Local Printer (A4) Colour Network Printer (A4) Colour Barcode Printer				GROUP 3 - LOOSE EQUIPMENTS Code No. Equipment Supply and Install by Client Loose Medical Equipment Item Code Item Description M/E/Qty.			
A12. SANITARY WARES & FITTING Bil. Bil. W2 1 B1 2 T1 2 T9 1 H2 1 H3 1 A13 1 H5 1 F1 1 H4 1 S4 1 A1 1 M1 2				C6. MISCELLANEOUS Qty Qty Barcode Scanner Mykad Reader Flatbed Scanner Info Kiosk Video Conferencing PC Trolley UPS(600VA) Wireless AP				Loose Non-Medical Equipment Item Code Item Description M/E/Qty.			
A13. OTHERS Bil. Bil.				GROUP 4 - CONSUMABLES Code No. Others Detail/Equipment Item Code Item Description				F. REMARKS			
KEMENTERIAN KESIHATAN MALAYSIA				JABATAN KERJA RAYA MALAYSIA				ROOM DATA : PATIENT'S TOILET (FOUR BEDDED & SIX BE DRAWING NO. : JKR/CA/P-DP/07/26/PEL 15/006/53 DATE : REVISION :			
HOOT ARCHITECT CAWANGAN ARKITEK, JKR MALAYSIA				HOOT MECHANICAL CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA				HOOT ELECTRIC CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA			
HOOT ICT CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA				CLIENT BAGHAWAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA				Note: * to be fill based on project			

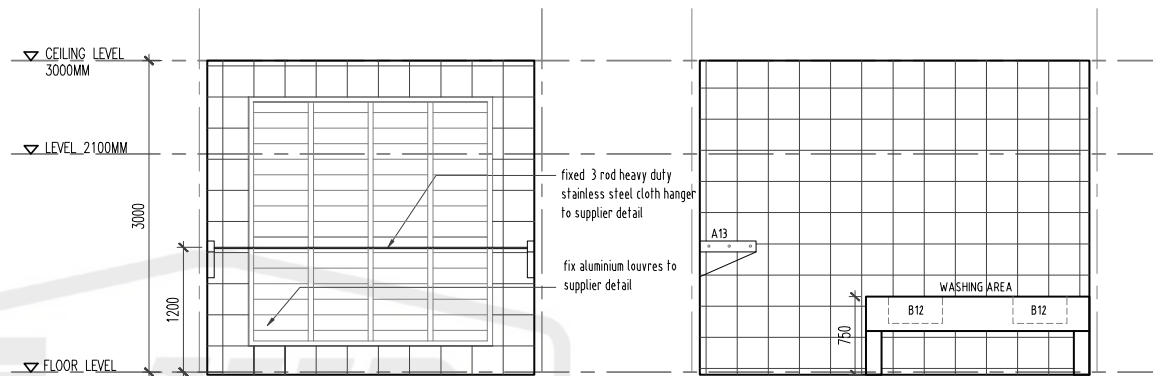


FLOOR PLAN



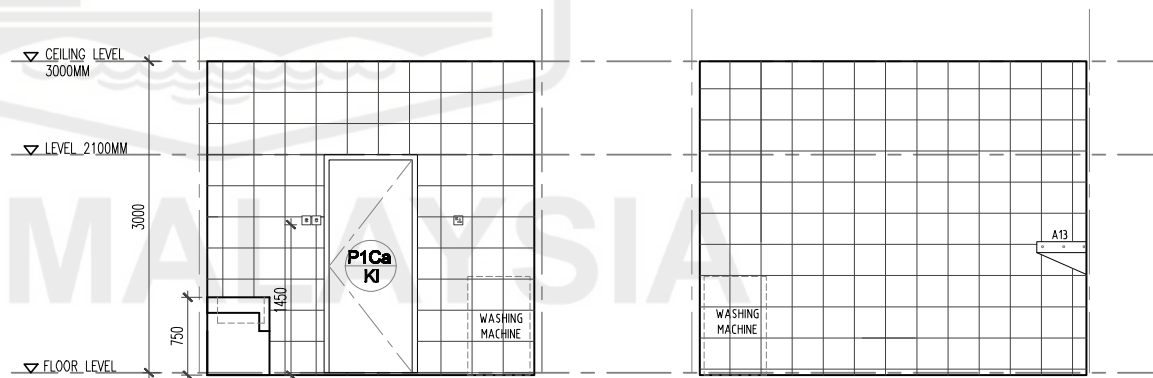
CEILING PLAN

ROOM CODE	
HT5	-
WCT2	LGB1
NV	3M
	12M ²
	-



VIEW A

VIEW B



VIEW C

VIEW D

CLIENT



KEMENTERIAN KESIHATAN MALAYSIA

DESIGNERS



JABATAN KERJA RAYA MALAYSIA

TITLE

**STANDARDISED
ROOM DATA
(FOUR WALL
ELEVATION)**

ROOM NAME

WASH & DRY ROOM

DRAWING TYPE

PLAN & VIEW

DATE

NOV 2017

SCALE

not to scale

DRAWING NO.

JKR/CA/P-DRP/07/26/PEL15/006/54

REVISION

ROOM SIZE: 13m ²		OCCUPANCY LOAD:		*DEPARTMENT:		ROOM NAME: WASH & DRY ROOM		*ROOM CODE:							
A. ARCHITECTURAL REQUIREMENTS				B. MECHANICAL REQUIREMENTS				D. ELECTRICAL REQUIREMENTS							
A01. FINISHES				B1. MEDICAL GASES				D1. ILLUMINATION							
Wall Ceiling Floor Skirting				i) GAS PIPING Oxygen Nitrogen Medical Vacuum Medical Air - 4 bar Surgical Air - 7 bar Surgical Air - 10 bar Etonox Other				ii) TYPE OF OUTLET Wall Mounted Bedhead Panel Medical Pendant Neonatal Workstation A&E Workstation							
A02. DOOR Code Grille Remarks DOOR ACCESSORIES Ironmongery Door Protection Push Plate Crash Plate Kick Plate Remarks				B2. FIRE PROTECTION Sprinkler System Pendant type Fire Extinguisher CO2 Portable Fire Alarm Smoke Detector Alarm Bell				D2. VENTILATION SYSTEM Ceiling Fan 1500 Ceiling Fan 1200 Wall Fan Fan Regulator Others							
A03. WINDOW Code Grille Low level window High level window Remarks				B3. AIR CONDITIONING & MECHANICAL VENTILATION i) Ventilation Mechanical Vent Air Extraction - Mechanical Ventilation Ducted Exhaust Air Filtration Normal Filters Usage Intermittent 24 Hours				D3. POWER POINT Socket 13 Amp Single 13 Amp Twin 15 Amp Single 230V Termination Isolator 1-phase 3-phase Others							
A04. INTERNAL GLAZING Bil. A05. HATCH / PASS THROUGH COUNTER A06. SIGNAGES Bil. A07. BUILT-IN FURNITURES Bil.				B4. KEPERLUAN AIR DAN SANITARI SALURAN AIR Cold Only RO Water Special Drainage Requirement Grease Trap Plaster Trap				D4. PUBLIC ADDRESS SYSTEM PA SYSTEM Ceiling speaker Volume Control Box Speaker PA Rack Others							
A08. LABORATORY FURNITURES Bil. A09. LOOSE FURNITURES Bil.				B5. PNEUMATIC TUBE B6. SPECIAL REQUIREMENT				D5. MATV SYSTEM Sistem MATV MATV Point TV set (32" c/w bracket) TV set (42" c/w bracket) Others							
A10. ACCESSORIES Floor Mounted / Wall Protection Cubical Track IV Track WALL TYPES Cavity Wall Single Wall Dry wall Curtain Wall Remarks / Others				C. INFORMATION & COMMUNICATIONS TECHNOLOGY REQUIREMENTS (ICT) C1. NETWORK POINTS UTP STP Wifi				D6. DIGITAL CALLING SYSTEM Digital Calling System Main Display Unit Display Unit Ticket Printer Counter/room terminal Others							
A12. SANITARY WARES & FITTING B12 A13 FT				C2. TELEPHONE Specification Quantity Digital/Analog/VOIP C3. COMPUTER Workstation Tablet Laptop/Notebook Type Qty C4. PACS Workstation Reporting Station Viewing Station Digitiser Qty C5. PRINTERS Type Qty Network Printer (A3) Colour Network Printer (A4) Black Local Printer (A4) Colour Network Printer (A4) Colour Barcode Printer				D7. NURSE CALL SYSTEM Digital Calling System A. PATIENT Cord Light Intercom/speech Pull Cord Code Blue B. STAFF Light Display Console Others							
A13. OTHERS Bil.				C6. MISCELLANEOUS Qty Barcode Scanner Flatbed Scanner Video Conferencing UPS(600VA)				D8. DB. AUDIO VISUAL SYSTEM Qty Notes LCD Projector Projector Screen Microphone Speaker AV Rack Others							
								D9. SECURITY SYSTEM Security System A. CCTV System Dome Camera PTZ Camera Monitor Recorder/Decoder Others B. Access System Card reader w keypad Card reader w door release Intercom Intercom w door release Call bell Video Intercom Video Intercom w d/release Others C. Intercom Audio Intercom Video Intercom Others							
								E. MEDICAL & NON-MEDICAL EQUIPMENT REQUIREMENTS Code No. Supply & Install By Contractor As per Contract Document							
								Fixed Medical Equipment Related To Electrical Item Code Item Description Qty.							
								Code No. GROUP 4 - CONSUMABLES Others Detail/Equipment Item Code Item Description							
								Fixed Medical Equipment Related To Mechanical Item Code Item Description Qty.							
								F. REMARKS							
								Code No. GROUP 2 - FIXED EQUIPMENTS RELATED TO MECHANICAL & ELECTRICAL Supply by Client & Install by Contractor (E.g: salvageable items from an existing hospital)							
								Item Notes Qty.							
								Note: * to be fill based on project							
 KEMENTERIAN KESIHATAN MALAYSIA		 JABATAN KERJA RAYA MALAYSIA		HODT ARCHITECT CAWANGAN ARKITEK, JKR MALAYSIA		HODT MECHANICAL CAWANGAN KEJURUTERAAN MEKANIKAL, JKR MALAYSIA		HODT ELECTRIC CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		HODT ICT CAWANGAN KEJURUTERAAN ELEKTRIK, JKR MALAYSIA		CLIENT BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA		ROOM DATA : WASH & DRY ROOM DRAWING NO. : JKR/CA/P-DRP/07/26/PEL 15/006/54 DATE : REVISION :	

KOD RUANG	
KEMASAN LANTAI	KEMASAN KAMBI
KEMASAN DINDING	KEMASAN SILING
SISTEM P'UDARAAN	TINGGI RUANG
SAIZ RUANG (M²)	
A.L (ARAS LANTAI)	

PETUNJUK DINDING	
SIMBOL	SPESIFIKASI
	115mm thk. Brickwall
	230mm thk. Double Brickwall
	Retaining Wall
	Concrete Wall
	150mm thk. Hollow Concrete Block
	150mm thk. Lightweight Concrete Block
	Glass Wall / Curtain Wall
	115mm thk. Cavity Wall with 50mm thk. insulation
	100mm thk. Drywall
	115mm thk. Cavity Drywall with 50mm thk. insulation
	100mm thk. Drywall with insulation

KOD KEMASAN LANTAI	
KOD	SPESIFIKASI
V1	Heavy Duty Homo. Vinyl Flooring
V2	Anti-Static Vinyl Flooring
V3	Anti-Slip Vinyl Flooring
V4	Heavy duty, fully flexible and resilient vinyl flooring complete with under lay
V5	High resistant to chemical vinyl flooring
CP1	Heavy duty Carpet Flooring (loop pile 36oz.)
CP2	Heavy duty Carpet Tiles (300mm x 300mm 36oz.)
CP3	Heavy duty Carpet Flooring (loop pile 26oz.)
CP4	Heavy duty Carpet Tiles (300mm x 300mm 26oz.)
CP5	Heavy duty Carpet Tiles (300mm x 300mm 36oz.) with raised flooring system
CM	Chequered Aluminium Metal Plate
TP1	Heavy duty timber strip (Glueing System)
TP2	Laminated duty timber strip (e.g. HDF Board or equivalent)
TP3	Air Truss Neumatic System Timber Sport Flooring
CR1	Cement sand screed, smooth finish
CR2	Cement sand screed with Floor Hardener
CR3	Cement sand screed with Epoxy Coating & Floor Hardener
CR4	Waterproofed cement sand screed/power float
GN1	300mm x 300mm Selected Granite Floor Tiles
GN2	600mm x 600mm Selected Granite Floor Tiles
CT1	200mm x 200mm Ceramic Glazed finish (B1b – MS 1294)
CT2	300mm x 300mm Ceramic Glazed finish (B1b – MS 1294)
CT3	200mm x 200mm Ceramic Matt finish (B1b – MS 1294)
CT4	300mm x 300mm Ceramic Matt finish (B1b – MS 1294)
HT1	600mm x 600mm Polished Porcelain Tiles (B1a – MS 1294)
HT2	600mm x 600mm Matt Porcelain Tiles (B1a – MS 1294)
HT3	300mm x 300mm Polished Porcelain Tiles (B1a – MS 1294)
HT4	300mm x 300mm Matt Porcelain Tiles (B1a – MS 1294)
SD	Specialist Detail

KOD KEMASAN KAMBI	
KOD	SPESIFIKASI
SV	100mm high Vinyl skirting to match
ST	100mm(h) Porcelain/Ceramic/Granite Tiles to match (B1a/B1b – MS 1294)
STB	100mm high Timber skirting to match

KOD KEMASAN DINDING	
KOD	SPESIFIKASI
AW	Acoustic Wall Panelling
EMP	Plaster & Emulsion Paint (washable/wipeable)
EP	Plaster & Epoxy Paint (washable/wipeable/chemical resistant)
HP	Plaster & Hygenic Paint (washable/anti bacteria)
PU	Plaster & PU Paint (washable/anti algae)
BP	Barium Plaster & Paint
WCT1	Ceramic Tiles (200mm x 200mm) (Glossy finish) (5 Ft.) (Classification Group BIII)
WCT2	Ceramic Tiles (300mm x 300mm) (Glossy finish) (5 Ft.) (Classification Group BIII)
WCT3	Ceramic Tiles (200mm x 200mm) (Glossy finish) (Ceiling Hight) (Classification Group BIII)
WCT4	Ceramic Tiles (300mm x 300mm) (Glossy finish) (Ceiling Hight)(Classification Group BIII)
WCT5	Ceramic Tiles (200mm x 200mm) (Glossy finish) (7 Ft.) (Classification Group BIII)
WHT1	600mm x 600mm Polished Porcelain Tiles (B1a – MS 1294)
WHT2	600mm x 600mm Matt Porcelain Tiles (B1a – MS 1294)
SD	Specialist Detail

KOD KEMASAN SILING	
KOD	SPESIFIKASI
FB1	600mm x 600mm x 15mm thk. Mineral Fibre Acoustic Ceiling
FB2	600mm x 1200mm x 15mm thk. Mineral Fibre Acoustic Ceiling
GB1	600mm x 600mm x 9mm thk. Glass Fibre Gypsum Board
GB2	600mm x 1200mm x 12.5mm thk. Glass Fibre Gypsum Board
LGB1	600mm x 600mm x 9mm thk. PVC Laminated Gypsum Board (24H)
LGB2	600mm x 1200mm x 9mm thk. PVC Laminated Gypsum Board (24H)
SK	Skim coat Plastering
PP	Plaster & Paint
PC1	Plaster Jointless Ceiling with anti bacteria, washable Paint
PC2	Fixed Moisture Resist, Cement Board with Paint
TP	Fixed Timber Strip Panel
AL	Aluminium Strip Panel
LS	Fibreglass Cement Rend
AS1	Insulated Aluminium Strip Ceiling
SD	Specialist Detail

CLIENT	DESIGNER'S	TITLE	ROOM NAME	DRAWING NO.
 KEMENTERIAN KESIHATAN MALAYSIA	 JABATAN KERJA RAYA MALAYSIA	DATA RUANG PIAWAI	DRAWING TYPE	ARCHITECTURAL CODE OF FINISHES
			DATE	SCALE
		MAC 2017	1 : 10	1 : 50
				PINDAAN

SYMBOL FOR MECHANICAL EQUIPMENT:



- 4 Ways Supply Air Grille



- Linear Supply Air Grille



- Return/Exhaust Air Grille



- Toilet Bay Exhaust Air Grille



- Exhaust Air Grille c/w HEPA Filter



- Bedhead Panel



- Smoke Detector



- Dry Powder Portable Extinguisher



- CO2 Portable Extinguisher



- Main Fire Alarm Panel



- Break Glass



- Alarm Bell



- Sprinkler Head

Item	Accessories	Quantity	Remarks
1	Cabinet		
2	Drip Stand		
3	Hook-Drip Stand		
4	Flat hook,L=300mm		
5	Flat hook,L=200mm		
6	Smart Clamp		
7	Corrugated Hook,L=200mm		
8	Ventilator Tray		
9	Madi-Rail		
10	Defibrillator Tray		
11	Waste Paper Basket		
12	Cathether Basket		
13	Monitor Tray		

PETUNJUK :



MEDICAL GAS OUTLETS



ESS



UPS



NORMAL



NURSE CALL



RCD

MIT

MEDICAL IV TRACK

MC

MEDICAL CURTAIN TRACK



IV TRACK

[illegible]

LEGEND

SYMBOL	DESCRIPTION
	3 X 28W RECESSED FLUORESCENT LUMINAIRE (T5) C/W ANODISED ALUMINIUM LOUVRE, ALUMINIUM REFLECTOR & SUSPENSION SYSTEM - Parabolic Vot Compatible [CATEGORY 2]
	3 X 28W RECESSED FLUORESCENT LUMINAIRE (T5) C/W ANODISED ALUMINIUM LOUVRE, ALUMINIUM REFLECTOR & SUSPENSION SYSTEM
	2 X 28W RECESSED FLUORESCENT LUMINAIRE (T5) C/W ANODISED ALUMINIUM LOUVRE, ALUMINIUM REFLECTOR & SUSPENSION SYSTEM
	2 X 14W RECESSED FLUORESCENT LUMINAIRE (T5) C/W ANODISED ALUMINIUM LOUVRE, ALUMINIUM REFLECTOR & SUSPENSION SYSTEM
	2 X 14W SURFACE FLUORESCENT LUMINAIRE (T5) C/W ANODISED ALUMINIUM LOUVRE & ALUMINIUM REFLECTOR
	2 X 14W RECESSED FLUORESCENT LUMINAIRE (T5) SPECIAL FITTING (ANTI CORROSIVE)
	1 X 28W CHANNEL TYPE FLUORESCENT LUMINAIRE (T5)
	1 X 28W WALL MOUNTED FLUORESCENT LUMINAIRE (T5)
	1 X 28W CEILING MOUNTED FLUORESCENT LUMINAIRE (T5) WITH DIFFUSER
	1 X 14W CEILING MOUNTED FLUORESCENT LUMINAIRE (T5) WITH DIFFUSER
	1 X 14W WALL MOUNTED FLUORESCENT LUMINAIRE (T5)
	1 X 14W CHANNEL TYPE FLUORESCENT LUMINAIRE (T5)
	(LED) RECESSED DOWNLIGHT LUMINAIRE (2000 lm) C/W SEPARATE DRIVER
	(LED) RECESSED DOWNLIGHT LUMINAIRE (1100 lm) (P54) C/W SEPARATE DRIVER
	(LED) RECESSED DOWNLIGHT LUMINAIRE (1100 lm) C/W SEPARATE DRIVER
	(LED) CEILING EXAMINATION LIGHT
	(LED) X-RAY VIEWER (SINGLE PANEL)
	(LED) RECESSED SELF CONTAINED EMERGENCY LIGHT LUMINAIRE
	(LED) WALL MOUNTED EMERGENCY LIGHT LUMINAIRE
	(LED) WALL MOUNTED KELUAR SIGN LUMINAIRE
	(LED) NIGHT LIGHT
	1500mm dia. CEILING FAN C/W FAN REGULATOR AND SAFETY WIRE
	400mm dia. WALL FAN POINT C/W SWITCH
	300mm dia. EXHAUST FAN C/W SWITCH
	1 WAY 10A SP BIG ROCKER SWITCH
	2 WAY 10A SP BIG ROCKER SWITCH
	DIMMER SWITCH
	20A DP SWITCH c/w NEON INDICATOR

SYMBOL	DESCRIPTION
	300mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (NON-ESSENTIAL SUPPLY)
	300mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (ESSENTIAL SUPPLY)
	915mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (NON-ESSENTIAL SUPPLY)
	915mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (ESSENTIAL SUPPLY)
	1100mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (NON-ESSENTIAL SUPPLY)
	1100mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (ESSENTIAL SUPPLY)
	1200mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (NON-ESSENTIAL SUPPLY)
	1200mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (ESSENTIAL SUPPLY)
	1450mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (NON-ESSENTIAL SUPPLY)
	1450mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (ESSENTIAL SUPPLY)
	1500mm ABOVE FLOOR LEVEL 13A 3PIN S/S/O (NON-ESSENTIAL SUPPLY)
	300mm BELOW CEILING LEVEL 13A 3PIN S/S/O (NON-ESSENTIAL SUPPLY)
	ABOVE CEILING LEVEL 13A 3 PIN S/S/O METALCLAD TYPE (NON-ESSENTIAL SUPPLY)
	3 WAY UNDERFLOOR TRUNKING
	3 COMPARTMENTS UNDERFLOOR VERTICAL ACCESS BOX
	3 COMPARTMENTS UNDERFLOOR JUNCTION BOX
	3 COMPARTMENTS SERVICES BOX
	DDA CABINET
	SPN ISOLATOR (AS RATED) - NON ESSENTIAL SUPPLY
	SPN ISOLATOR (AS RATED) - ESSENTIAL SUPPLY
	TPN ISOLATOR (AS RATED) - NON ESSENTIAL SUPPLY
	TPN ISOLATOR (AS RATED) - ESSENTIAL SUPPLY
	TELEPHONE POINT c/w TELEPHONE SET
	COMPUTER POINT (RJ45)
	CEILING SPEAKER
	BOX SPEAKER
	VOLUME CONTROL
	TV OUTLET (300mm BELOW CEILING LEVEL)
	TV OUTLET (300mm ABOVE FLOOR LEVEL)

SYMBOL	DESCRIPTION
	3000 ANSI LUMENS PROJECTOR C/W FIXED BRACKET
	80W RMS 2 WAY SPEAKER
	VGA & HDMI POINT
	SWITCH UP & DOWN MOTORISED SCREEN
	19" EQUIPMENT RACK
	LCD MONITOR C/W MOUNTING BRACKET
	TICKET PRINTER
	COUNTER TERMINAL
	VOICE MODULE C/W SPEAKER
	BED STATION
	STAFF ASSIST
	CODE BLUE
	EMERGENCY PULL CORD
	INDICATOR LIGHT
	ANNUNCIATE PANEL

CLIENT	DESIGNERS	TITLE	ROOM NAME	DRAWING NO.
		STANDARDISED ROOM DATA	SYMBOL FOR ELECTRICAL EQUIPMENT	JKR/CA/P-DRP/07/26/PEL15/006/57
KEMENTERIAN KESIHATAN MALAYSIA	JABATAN KERJA RAYA MALAYSIA		DRAWING TYPE	PINDAAN
			DATE	
			NOV 2017	
			SCALE	
			not to scale	