

ACCESS AUDIT IN THE BUILT ENVIRONMENT 2014

WORKSHOP REPORT

Audited Venue: Blok F, JKR

Group No. : 2

Organised by:
CAWANGAN ARKITEK
IPJKR

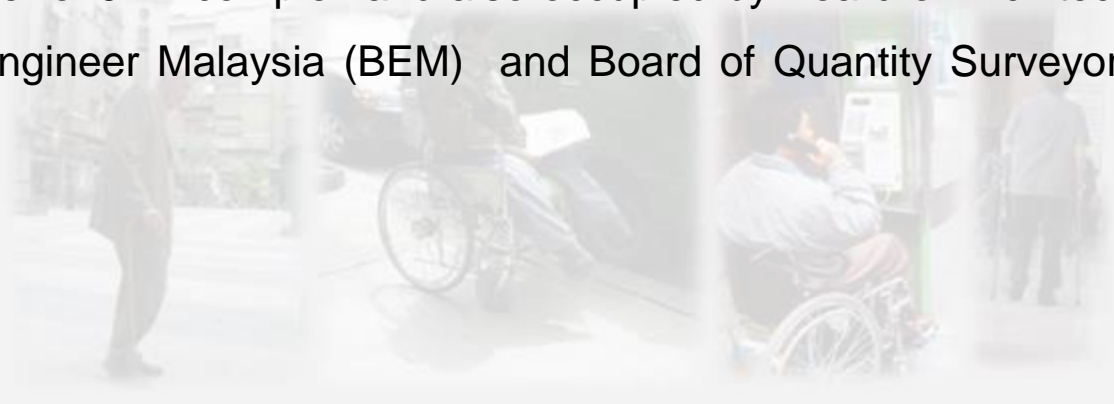
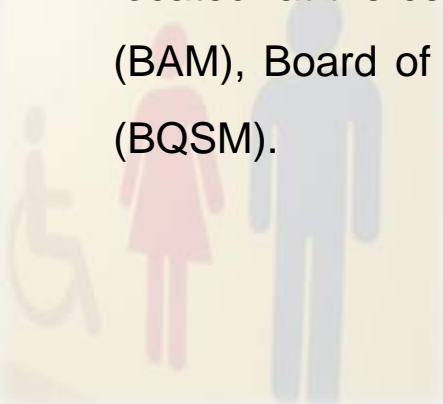


CHIEF FACILITATOR: PROF. DATO' SRI AR. DR. ASIAH ABDUL RAHIM (IIUM)

NO.	NAME	ORGANIZATION
	FACILITATOR: PROF. DATO' DR. MANSOR IBRAHIM	IIUM
1.	AIDZIL ADZAHAR (GROUP LEADER & PENGGUNA KERUSI RODA)	CA JKR
2.	SARIPAH BT. ABD. HAMID (OKU BERKERUSI RODA)	POCAM
3.	MIMI ARNI BT. RANI (OKU BERKERUSI RODA)	POCAM
4.	MISKAN BIN KASIMAN	POCAM
5.	AHMAD FARIHAN B. SUDIRMAN (SEBAGAI ORANG BUTA)	CA JKR
6.	MUHAMMAD FAHD B. MHAIRI (PEMBANTU ORANG BUTA)	CA JKR
7.	HASLINA BT. ABDUL MAJID (PENCATAT ULASAN)	JKR WP KL
8.	RAHAWIAH BT. SHAFIEI (PENCATAT ULASAN)	CA JKR
9.	NUR FISYA BT. FISHOL HAMDI (PENCATAT ULASAN)	CA JKR
10.	NG BEE NGOH (KERJA MENGUKUR)	CA JKR
11.	AIMAN B. BADRULHISHAM (KERJA MENGUKUR)	IIUM
12.	AGATA NGAWANG (PEMBANTU PENCATAT)	JKR WP PUTRAJAYA
13.	AHMAD ZOHDY B. SALIKIN (PEMBANTU PENCATAT)	CPK JKR
14.	NOREMI B. SURATANIN	CA JKR

INTRODUCTION

The case study cover Block F at Ground Floor and 2nd Floor level, Ibu Pejabat Jabatan Kerja Raya. The building was built around late 1970s and surrounded by Jalan Sultan Salahudin and Jalan Tun Ismail. It is also surrounded by Akademi Seni, Budaya & Warisan, Bank Negara, and Sekolah Rendah Sultan Salahuddin. This building is located at the center of JKR complex and also occupied by Board of Architect Malaysia (BAM), Board of Engineer Malaysia (BEM) and Board of Quantity Surveyor Malaysia (BQSM).



SITE PLAN



JALAN TUN ISMAIL



JALAN TUN ISMAIL
(OUTBOUND)



JALAN SULTAN SALAHUDDIN

SHOWS ACCESS FROM PARKING TO BUILDING

ACCESS AUDIT SIMULATION



NO	CONNECTIVITY
1	DEWAN TAN SRI MAHFOZ KHALID
2	BLOCK A & B LAMA
3	KOMPLEKS KKR
4	KKR 2

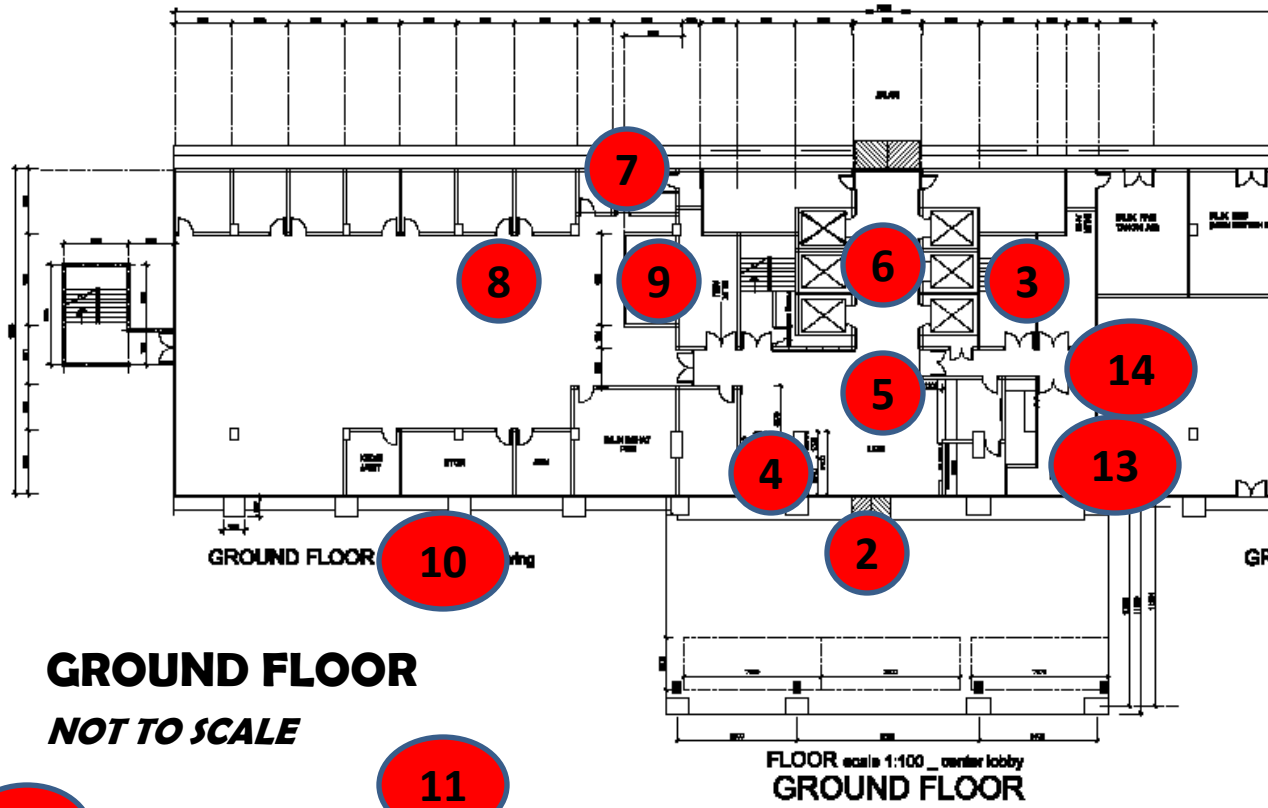
NO	ENTRANCE
A	GUARD HOUSE
B	JLN SULTAN SALAHUDDIN

NO	ACCESS
W	NEAREST BUS STOP
X	NEAREST PARKING
Y	BRIDGE FROM KKR TO DEWAN TAN SRI MAHFOZ
Z	PATHWAY FROM BLOCK A & B LAMA



CIRCULATION

NO	STOPPING POINT
1	MAIN ENTRANCE
2	DROP OFF/MAIN ENTRANCE
3	STAIRCASE
4	COUNTER
5	LOBBY
6	LIFT
7	TOILETS
8	EATING OUTLET
9	SHOP
10	OKU PARKING
11	PARKING
12	ENTRANCE FROM JALAN SULTAN SALAHUDDIN
13	POST OFFICE
14	OPERATOR COUNTER

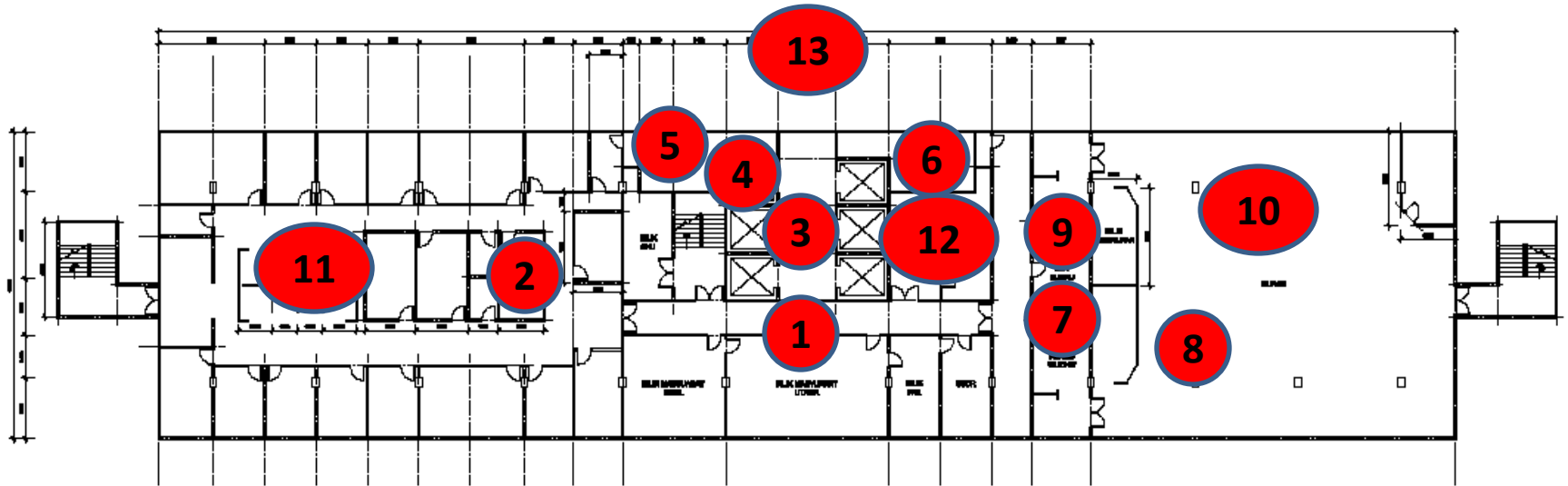


	PERUMAHAN BAYAN/UMI BERSAMA FASILITI BAYAN/UMI 13 SALAM ALAM BINTU PERKALONG PERSEKUTUAN KAKAR	TAJUK PROJEK : LUNBUK TERSEBUT BAYAN/UMI BLOK P, NO PERUMAHAN 001 BILAPADA JALAN BILTAN BILAHARUM 08000 UYUHAN PERKONSULTAN KUALA LUMPUR	NAMA CIKAS : GROUND FLOOR PLAN
	DI SEWAJ DIKER PERSEKUTUAN PERUMAHAN DI SEMAWAN DEH : PELLUSI PELAN	TRL. HL. BOND AZLAN ABDUL AZIZ ENL. BOND AMARIL B. MOHAMMED BOND BANGS PERUMAHAN	SKALA : 1:100 NO. LIKUSAN : JPKL / 0002 / 001 / BLOK P / A / 001

CIRCULATION

NO	STOPPING POINT
1	COUNTER SECURITY
2	OFFICE COUNTER
3	LOBBY
4	LIFT
5	FEMALE TOILET
6	MALE TOILET
7	FEMALE ABLUTION AREA


NO	STOPPING POINT
8	FEMALE PRAY HALL
9	MALE ABLUTION AREA
10	MALE PRAY HALL
11	OFFICE SPACE
12	STAIRCASE
13	PATHWAY



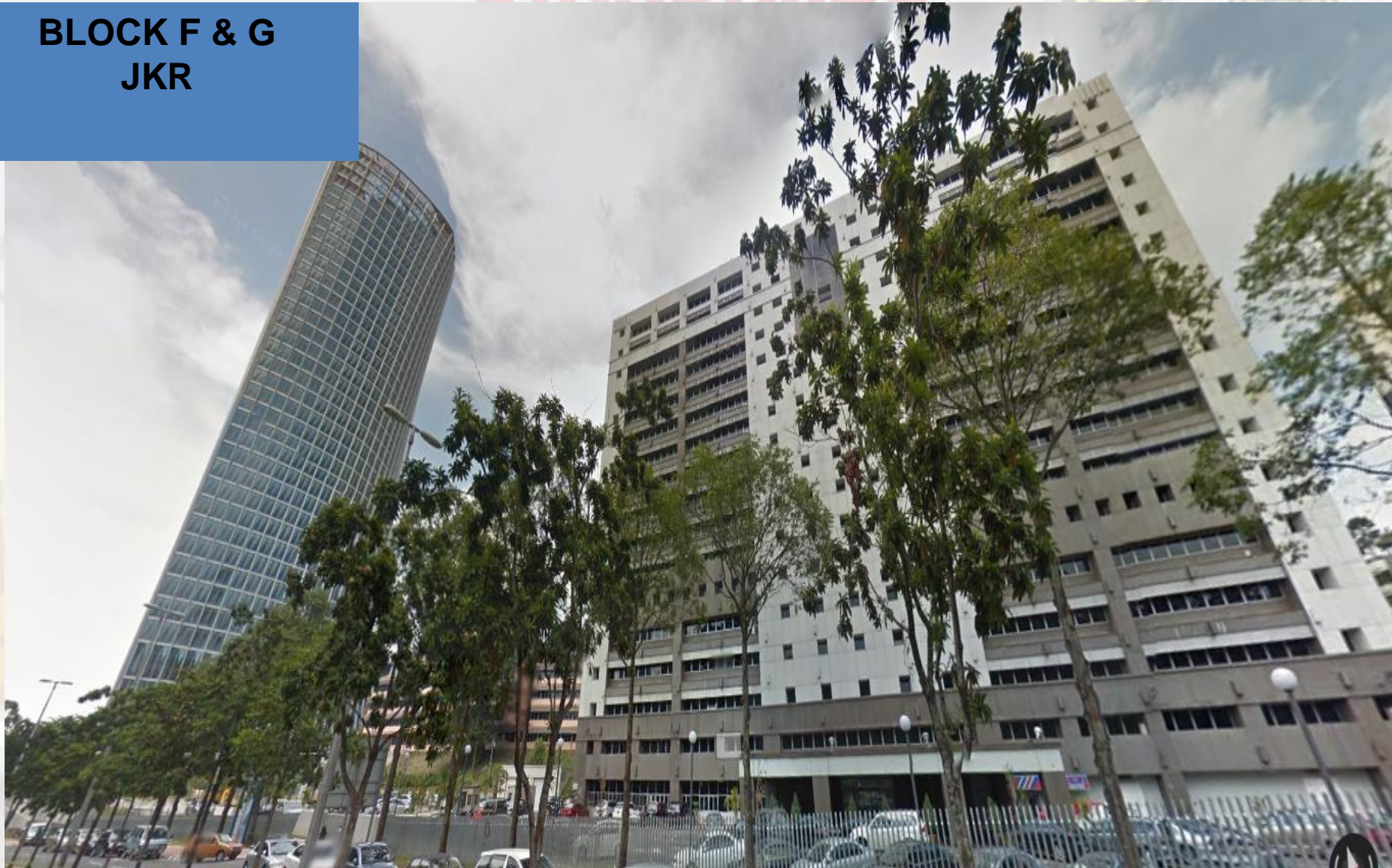
SECOND FLOOR

2ND FLOOR

NOT TO SCALE




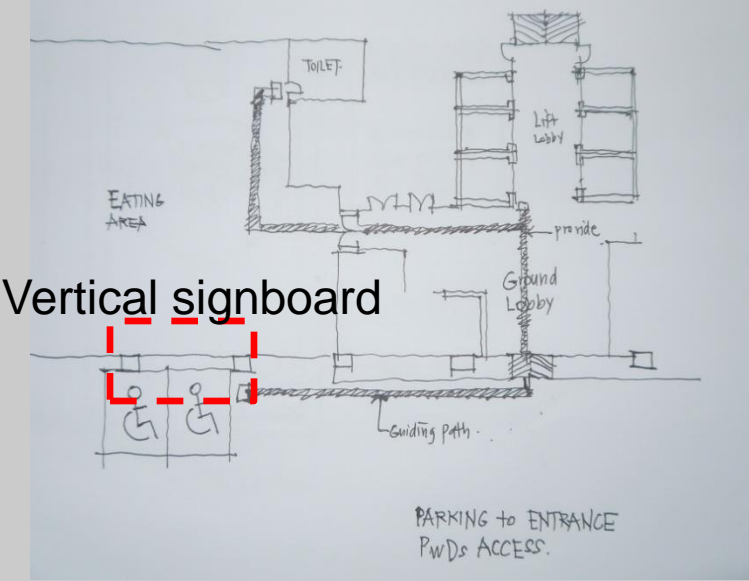
 <p>PT. SARANA PRATI LINDUNG CAGASAN KAWALAN BERSAMA SEWAHATI AN-BALAY</p>	<p>PERENCANA BANGUNAN BERKUALITAS DAN BERKELANCAHAN</p> <p>DI SALAH SUDUT : BETULA PENGALANG PERGERAKAN KAWALAN</p> <p>DI SEMUA SUDUT : PENGALANG PERGERAKAN KAWALAN</p> <p>DI SEMUA DEKAT : PELINDUNG PELANJAN</p>	<p>TN. HJ. BORD AZLAN ABDUL KAZIZ</p> <p>ENL. ROBERT ALBERT GRIK</p> <p>ZAMRANI B. ZAKARIA</p>	<p>TAK PROJEK :</p> <p>LURUSAN TERPOMA DAN BANGUNAN BLOK P, ISU PEMERIKSAAN</p> <p>JAKA BILAHALAKA JALAN DAN TAN BILAHALAKA BANGUNAN UPLAHAN PERGERAKAN KAWALAN LINDUNG</p>	<p>SKALA UTAMA :</p> <p>2ND FLOOR PLAN</p> <p>SKALA : 1:500</p> <p>TARIKH : MEY 2018</p> <p>NO. LUKSAS : JKB / BHP / CAG / BLOK P / A / DES</p>
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BLOCK F & G JKR



EXTERNAL ENVIRONMENT


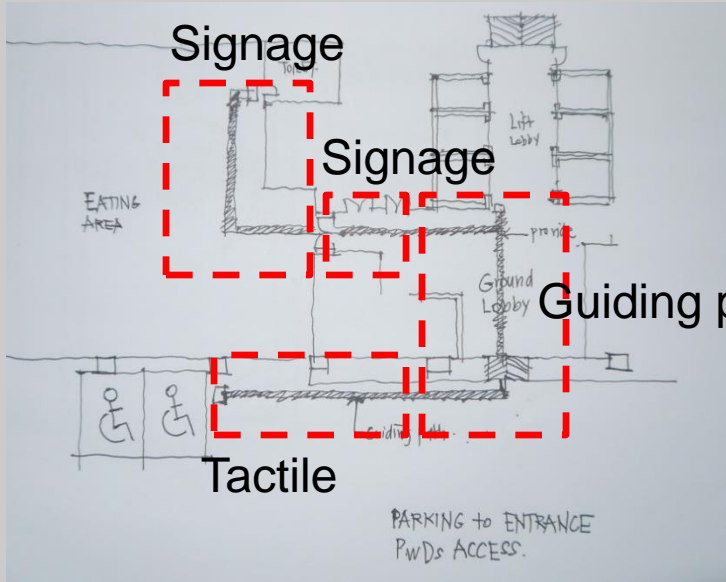


NO	ELEMENT	ANALYSIS	PROPOSAL
1	<p>PARKING</p>  	<ol style="list-style-type: none"> Current parking size is 3500 x 5000mm No wheel stopper Imprinted symbol indicated but no vertical signboard OKU parking located more than 3300mm from entrance 	<ul style="list-style-type: none"> - Parking size should be in accordance with MS 1184: 2014 (3600 x 5400mm) - To add wheel stopper - To add vertical signboard   <p>Vertical signboard</p> <p>PARKING to ENTRANCE PwDs ACCESS.</p>



EXTERNAL ENVIRONMENT





NO	ELEMENT	ANAYSIS	PROPOSAL
2	<p>PATHWAYS</p> 	<ol style="list-style-type: none">1. Clear of steps and stairs2. No tactile guiding and warning blocks from parking to entrance	<p>- To provide tactile guiding and warning blocks</p> 





EXTERNAL ENVIRONMENT



NO	ELEMENT	ANALYSIS	PROPOSAL
3	ENTRANCE  	<ol style="list-style-type: none">1. The wide of the ramp is more than 1300mm2. Surface is slippery3. Gradient of the ramp is more than 1:124. The difference between road surface and ramp access is 13mm	<p>- Difference should be flushed</p>



INTERNAL ENVIRONMENT



NO	ELEMENT	ANALYSIS	PROPOSAL
4	RECEPTION AND INFORMATION COUNTER  	<ol style="list-style-type: none">1. Countertop not suitable for disabled. The height is 1050mm2. No waiting area3. Obstruction on walkway	<ul style="list-style-type: none">- Provide staff assistance- The height of counter should be between 740mm to 800mm See MS 1184 cl.19.4- Clear knee space underneath counter shall be minimum of 700mm- To provide- To remove the obstruction


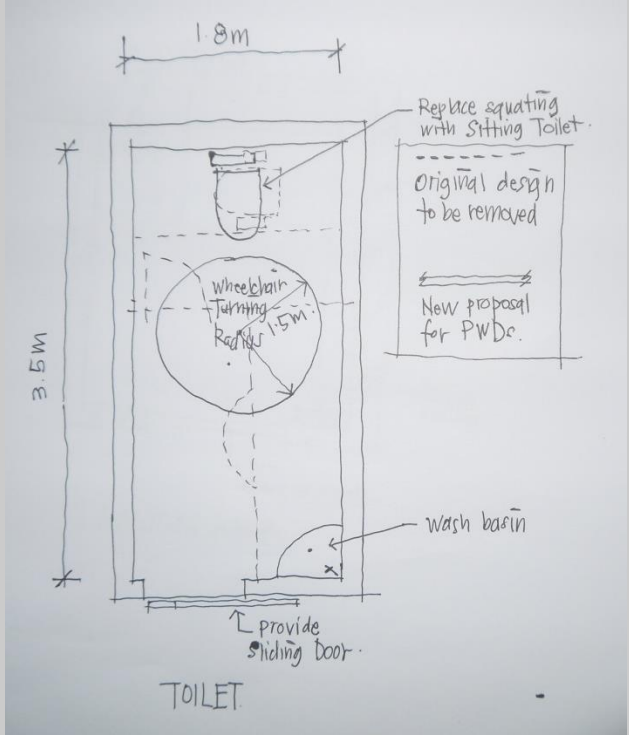
INTERNAL ENVIRONMENT



NO	ELEMENT	ANALYSIS	PROPOSAL
5	EATING AREA  	<ol style="list-style-type: none">1. Eating area is accessible to People with Disabilities (PwDs)2. Cash and service counter not suitable for PwDs3. Tables with loose chairs – easily accessible4. Handwash basin accessible	<ul style="list-style-type: none">- Provide assistance from cafe helpers


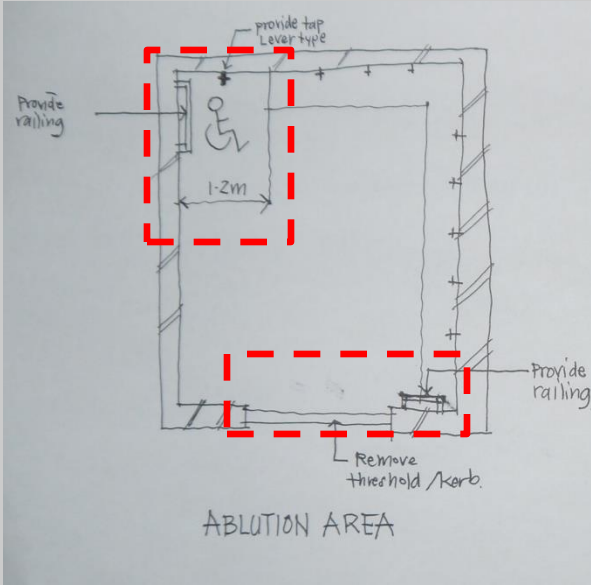
INTERNAL ENVIRONMENT



NO	ELEMENT	ANALYSIS	PROPOSAL
6	<p>TOILET</p> 	<p>1. No People with Disabilities (PwDs) toilet</p>	<p>- To provide accessible toilet for PwDs with grab bars</p> 



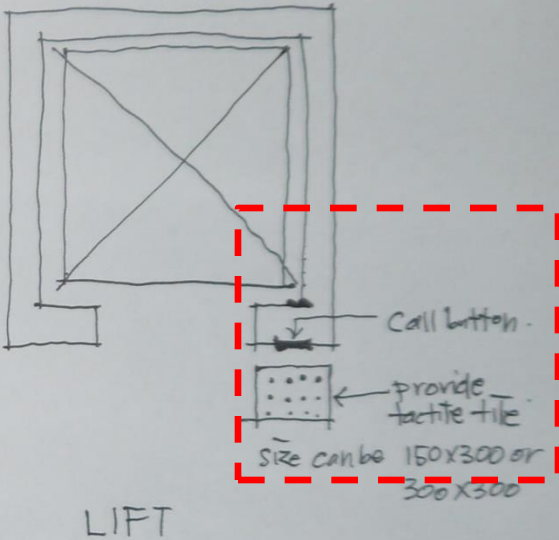
INTERNAL ENVIRONMENT



NO	ELEMENT	ANALYSIS	PROPOSAL
7	<p>SURAU</p> 	<ol style="list-style-type: none">1. Kerb at the entrance to ablution area2. No railing hook and concrete stool3. Slippery surface at ablution area	<ul style="list-style-type: none">- To remove threshold/ kerb-To provide railing hook and concrete stool  <ul style="list-style-type: none">- To provide rubber matt



INTERNAL ENVIRONMENT



NO	ELEMENT	ANALYSIS	PROPOSAL
8	<p>LIFT</p>  	<ol style="list-style-type: none">1. Opening width is 1100mm2. No accessible path leading to the lift3. Emergency button not reachable4. Call button more than 1400mm height	<ul style="list-style-type: none">-Tactile to be installed leading to the main entrance.-To provide Audio and Visual installed for safety reasons and guidance.-To provide visual indicator light-To provide mirror wall in the lift car-Provide side button panel  <p>LIFT</p>

INTERNAL ENVIRONMENT



NO	ELEMENT	ANALYSIS	PROPOSAL
9	<p data-bbox="208 301 469 339">OFFICE AREA</p>  	<ol style="list-style-type: none"><li data-bbox="660 358 996 568">1. Width of corridor to office entrance is 1550mm<li data-bbox="660 644 1012 972">2. Solid timber door at the entrance with the width 1500mm – hard for PwDs to open	<ul style="list-style-type: none"><li data-bbox="1079 644 1837 801">- To replace the timber door with glass door with colour sticker for visual propose<li data-bbox="1079 872 1499 915">- To provide door bell

RECOMMENDATION CHECKLIST

BUILDING COMPONENT CATEGORY	Main Entrance	Parking	Counter	Lift	Toilet	Cafe	Staircases	Surau	Ablution	Signage	Pathway
Wheelchair	√	√	X	X	X	√	X	X	X	X	√
Visual Impaired	X	NA	X	√	√	√	√	√	√	X	X
Hearing Impaired	√	√	√	√	√	√	√	√	√	√	√
Walking with stick	√	√	√	√	X	√	√	√	X	√	√
Learning disability	√	√	√	√	√	√	√	√	√	X	√
TOTAL	4	4	3	4	3	5	4	4	3	2	4

40/54 X 100 = 74%

RECOMMENDATION & CONCLUSION

- From the case study that we have done, Block F JKR Building is accessible but need some improvement to be a friendly environment for the disable. Currently, it is about 74% accessible.
- However, the accessibility for disable end user should be adapted and integrate to the existing building and must comply with MS 1184: 2014 Universal Design and Accesibility in the Built Environment – Code of Practice, UBBL and local authority requirements.
- Thus we proposed to upgrade some facilities such as toilets, staircases, counter, signages, ablution area, tactile, lift, parking for disable people, flashing light and etc for all category of disable.

GROUP MEMBERS



GROUP MEMBERS OF TEAM NO. 2 AT MAIN LOBBY BLOCK F, JKR





THANK YOU

