

CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI
PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA
BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.
UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)

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SENARAI LUKISAN ARKITEK

BIL	BANGUNAN	NO. LUKISAN	TAJUK LUKISAN
A - BLOK PUSAT PELAJAR			
00.	GENERAL SPECIFICATION	AAAAsb-70-0524/ MARA/ IKM-SP/ GS-01-01	GENERAL SPECIFICATION
01.	SITE PLAN	AAAAsb-70-0524/ MARA/ IKM-SP/ SP-01-01	SITE PLAN, LOCATION PLAN, KEY PLAN
02.	PUSAT PELAJAR	AAAAsb-70-0524/ MARA/ IKM-SP/ PPL-01	FLOOR PLAN , ROOF PLAN, SECTION & ELEVATION
		AAAAsb-70-0524/ MARA/ IKM-SP/ PPL-02	SECTION, ELEVATION
03.	SIGNBOARD PROJECT	AAAAsb-70-0524/ MARA/ IKM-SP/ PS-01-01	PLAN, SECTION & ELEVATION
04.	HOARDING DETAIL	AAAAsb-70-0524/ MARA/ IKM-SP/ HD-01-01	PLAN, SECTION & ELEVATION
05.	SCHEDULE OF FINISHES	AAAAsb-70-0524/ MARA/ IKM-SP/ SOF-01-02	SCHEDULE OF FINISHES
		AAAAsb-70-0524/ MARA/ IKM-SP/ SOF-02-02	SCHEDULE OF FINISHES
06.	DOOR WINDOW SCHEDULE	AAAAsb-70-0524/ MARA/ IKM-SP/ DS-01-01	DOOR SCHEDULE
		AAAAsb-70-0524/ MARA/ IKM-SP/ WS-01-01	WINDOW SCHEDULE
07.	REFLECTED CEILING LAYOUT	AAAAsb-70-0524/ MARA/ IKM-SP/ CL-01-01	REFLECTED CEILING LAYOUT
08.	TYPICAL CEILING DETAIL	AAAAsb-70-0524/ MARA/ IKM-SP/ TC-01-01	TYPICAL CEILING DETAIL
09.	RAMP DETAIL & LALUAN DETAIL	AAAAsb-70-0524/ MARA/ IKM-SP/ PR3-01-01	PLANTER BED & RAMP - TYPICAL DETAIL 03
10.	BENCH DETAIL	AAAAsb-70-0524/ MARA/ IKM-SP/ BD-01-01	BENCH DETAIL
11.	COUNTER DETAIL	AAAAsb-70-0524/ MARA/ IKM-SP/ID-A-1	RECEPTION COUNTER 01
		AAAAsb-70-0524/ MARA/ IKM-SP/ID-A-2	RECEPTION COUNTER 02
		AAAAsb-70-0524/ MARA/ IKM-SP/ID-A-3	RECEPTION COUNTER 03

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12.	SIGNAGE DETAIL	AAAsb-70-0524/ MARA/ IKM-SP/ SD-01-01	SIGNAGE DETAIL 01
		AAAsb-70-0524/ MARA/ IKM-SP/ SD-01-01	SIGNAGE DETAIL 02
		AAAsb-70-0524/ MARA/ IKM-SP/ SD-01-01	SIGNAGE DETAIL 03
13.	WALL DETAIL	AAAsb-70-0524/ MARA/ IKM-SP/ BW-01-01	BRICK WALL DETAIL
14.	GROOVE LINE DETAIL	AAAsb-70-0524/ MARA/ IKM-SP/ GL-01-01	GROOVE LINE - TYPICAL DETAIL
15.	EXTENDED SLAB DETAILS & PLANTER BED	AAAsb-70-0524/ MARA/ IKM-SP/ ESD-01-01	EXTENDED SLAB DETAIL & PLANTER BED - TYPICAL DETAIL
16.	LIGHTWEIGHT PARTITION DETAIL	AAAsb-70-0524/ MARA/ IKM-SP/ DP-01-01	DRYWALL PARTITION - TYPICAL DETAIL
17.	SCREENING DETAIL	AAAsb-70-0524/ MARA/ IKM-SP/ EMF-01-01	ENTRANCE METAL FINS
18.	LALUAN PEJALAN KAKI DARI PARKING SEDIADA	AAAsb-70-0524/ MARA/ IKM-SP/ PK-01-01	LALUAN PEJALAN KAKI

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B - PONDOK PENGAWAL			
1.	PONDOK PENGAWAL	AAAAsb-70-0524/ MARA/ IKM-SP/ PP-01	FLOOR PLAN, ROOF PLAN, SECTION & ELEVATION
2.	DOOR WINDOW SCHEDULE	AAAAsb-70-0524/ MARA/ IKM-SP/ DW-01	DOOR & WINDOW SCHEDULE
3.	ACRYLIC ROOF & METAL MESH	AAAAsb-70-0524/ MARA/ IKM-SP/ AM-01-01	ACRYLIC ROOF WITH METAL MESH
4.	METAL MESH WITH SIGNAGE	AAAAsb-70-0524/ MARA/ IKM-SP/ MS-01-01	METAL MESH WITH SIGNAGE
5.	COUNTER DETAIL (EXTERNAL & INTERNAL)	AAAAsb-70-0524/ MARA/ IKM-SP/ CD-01-01	COUNTER DETAIL (EXTERNAL & INTERNAL)
6.	HANGING METAL MESH (EXTERNAL)	AAAAsb-70-0524/ MARA/ IKM-SP/ HM-01-01	HANGING METAL MESH (EXTERNAL)
7.	GUTTER & RWDP / CEILING PLAN	AAAAsb-70-0524/ MARA/ IKM-SP/ GC-01-01	GUTTER & RWDP / CEILING PLAN

GENERAL NOTES	STANDARD SYMBOL & ABBREVIATIONS	BUILDING SPECIFICATIONS																																																		
IT IS THE ARCHITECT'S INTENTION IN THE CONTRACT DOCUMENTS TO COMMUNICATE THE PROJECT DESIGN AND TO FULFILL THE REQUIREMENTS AS SET BY APPLICABLE BUILDING CODES, ORDINANCES, AND REGULATIONS OF ALL GOVERNING AUTHORITIES HAVING JURISDICTION, IN A MANNER COMMENSURATE TO THE STANDARD OF THE PROFESSION. ANY ERRORS OR OMISSIONS REGARDING DIMENSION AND/OR MATERIALS AND ASSEMBLIES SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY UPON DISCOVERY, ALLOWING HIM TO ADDRESS THE ISSUE IN A TIMELY, PROFESSIONAL MANNER. NOTES THAT ARE CALLED FOR UNDER THIS HEADING ARE AS BINDING AS IF CALLED FOR ON ALL DOCUMENTS. IF IS THE DUTY OF THE GENERAL CONTRACTOR TO ASSURE THAT ALL SUBCONTRACTORS ARE FULLY INFORMED AS TO THE GENERAL CONDITIONS, DRAWINGS AND SPECIFICATIONS. 1. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE BEFORE COMMENCING ANY PORTION OF THE WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL DISCREPANCIES AND/OR INCONSISTENCIES OF CONDITIONS AND DIMENSIONS REFLECTED IN THESE DOCUMENTS BEFORE COMMENCING ANY PORTION OF THE WORK. FAILURE TO DO SO SHALL CONSTITUTE ACCEPTANCE OF RESPONSIBILITY FOR CORRECTING THE WORK TO THE SATISFACTION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER. 2. THE CONTRACTOR SHALL COMPARE ACTUAL JOB SITE CONDITIONS WITH THE DRAWINGS IN ORDER TO ASCERTAIN THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. CHECK AND CONFIRM THE LOCATION OF UTILITIES WHICH MAY AFFECT THE WORK. COMMENCEMENT OF THE WORK SHALL CONSTITUTE FULL ACCEPTANCE OF THE EXISTING SITE CONDITIONS. 3. ALL CONSTRUCTION SHALL CONFORM TO THE UNIFORM BUILDING BY LAW OF MALAYSIA 1984, AND ALL OTHER APPLICABLE LAWS, RULES, ORDINANCES AND REGULATIONS OF ALL GOVERNING AUTHORITIES HAVING JURISDICTION. IN THE CASE OF A CONFLICT, THE MOST RESTRICTIVE SHALL NOT LIMIT THEIR APPLICABILITY. 4. THE CONTRACTOR SHALL ENACT ALL MEASURES TO PROTECT ALL BUILDING ELEMENTS FROM DAMAGE. MAINTAIN THE PREMISES IN AN ORDERLY AND CLEAN MANNER THROUGHOUT THE COURSE OF THE WORK AND DO NOT BLOCK LEGAL EXITS AND ENTRANCES. LEAVE THE WORK AREA CLEAN AND FREE OF DEBRIS AT THE END OF EACH WORK DAY. 5. THE CONTRACTOR SHALL ENACT ALL MEASURES TO SAFEGUARD WORKERS AND THE PUBLIC FROM INJURY DURING THE TIME OF CONSTRUCTION. COMPLY WITH ALL APPLICABLE CODE REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BARRICADES, CLOSURE WALLS, SIGNS, ETC. AS REQUIRED TO PROTECT AND WARN THE PUBLIC OF ALL HAZARDS DURING THE PERIOD OF CONSTRUCTION. 6. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL BUILDING AND OTHER PERMITS REQUIRED TO COMPLETE THE WORK. HE SHALL ARRANGE FOR TIMELY INSPECTIONS BY THE APPROPRIATE GOVERNMENT OFFICIALS AS REQUIRED. 7. THE CONTRACTOR SHALL, IN THE WORK OF ALL TRADES, PERFORM ANY AND ALL CUTTING, PATCHING, REPAIRING, RESTORING AND REFINISHING NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK. 8. WHERE STRUCTURAL ELEMENTS OF THE EXISTING BUILDING ARE REMOVED, BRACE AND SHORE THE BUILDING IN A SECURE MANNER PER ALL APPLICABLE CODE REQUIREMENTS 9. WORK NOT MENTIONED TO BE REMOVED THAT INTERFERES WITH NEW CONSTRUCTION SHALL BE CUT AND REMOVED IN A MANNER THAT PROVIDES FOR THE PROPER INTERFACE WITH NEW CONSTRUCTION, PATCH AND/OR REPAIR AS REQUIRED. 10. THE INTENT OF THE DRAWINGS IS TO SHOW EXISTING BUILDING CONDITIONS WITH INFORMATION GARNERED FROM FIELD OBSERVATIONS AND TO GENERALLY SHOW THE EXTENT AND TYPE OF DEMOLITION REQUIRED TO PREPARE THE EXISTING AREAS FOR WORK. 11. IF ANY EXISTING ELECTRICAL OUTLETS, HVAC REGISTERS, WATER, GAS AND/OR WASTE LINES, OR ANY RELATED SIMILAR ITEMS ARE LOCATED WHERE DEMOLITION AND/OR NEW WORK IS TO TAKE PLACE, PROPER MEASURES TO CAP, DISCONNECT, OR RELOCATE SAID ITEMS SHALL BE TAKEN SO THAT THEY DO NOT INTERFERE WITH THE NEW DESIGN INTENT IN ANY WAY. NOTIFY ARCHITECT OF ANY SUCH CONDITION. 12. CONTRACTOR IS TO CONSULT WITH THE ARCHITECT AS TO THE LOCATION OF RELOCATED ITEMS, AND ALSO IF THE CONTRACTOR FEELS EXISTING OUTLETS, REGISTERS, ETC., COULD BE USED IN LIEU OF NEW ONES TO SAVE ON CONSTRUCTION COSTS WHILE FOLLOWING THE DESIGN INTENT. 13. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE SIMILAR TO THAT INDICATED OR NOTED FOR SIMILAR CONDITIONS AND CASES OF CONSTRUCTION ON THE WORK WITH THE APPROVAL OF THE ARCHITECT. 14. DO NOT SCALE THE DRAWINGS. USE REFERENCED OR NOTED DIMENSIONS ONLY. LARGE SCALE DETAILS GOVERN OVER SMALLER SCALE DETAILS. 15. ROOF WATER SHALL BE DIRECTED AWAY FROM THE FOUNDATION AND CONDUCTED TO THE STREET VIA A NON-EROSIVE DEVICE. (INCLUDING ALL OTHER CONCENTRATED DRAINAGE). 16. HEAT AND A/C DUCT LAYOUT TO BE DETERMINED BY COMPETENT HEAT & A/C CONTRACTOR. LOCATIONS OF ALL H.V.A.C. DIFFUSERS, REGISTERS, ETC. TO BE REVIEWED AND APPROVED BY ARCHITECT. SEE EQUIPMENT SCHEDULE. 17. ALL DUCTWORK JOINTS SHALL BE TAPED AIR TIGHT. 18. WRAP ALL A/C DUCTS WITH 1" X 6"/FT3 FIBREGLASS W/ VAPOR BARRIER (MAX. CONDUCTANCE 48). 19. CAULK AROUND ALL PLUMBING AND ELECTRICAL PENETRATIONS INTO THE BUILDING ENVELOPE. 20. CAULK AND SEAL AROUND ALL WINDOW AND DOOR FRAMES AND BETWEEN WALL SOLE PLATES AND FLOORS AND BETWEEN EXTERIOR WALL PANELS. 21. BUILDING TO MEET ALL FIRE RESISTANT STANDARDS OF JABATAN BOMBA & PENYELAMAT MALAYSIA. 22. DEBRIS AND WASTE ARE THE CONTRACTOR'S PROPERTY FOR LEGAL DISPOSAL OFF THE OWNER'S PROPERTY. 23. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF THE ELECTRICAL AND MECHANICAL WORK. ANY DISCREPANCY BETWEEN THE ARCHITECTURAL AND THE CONSULTANT'S DRAWINGS, SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION AN WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS OWN EXPENSE, AND AT NO EXPENSE TO THE OWNER OR ARCHITECT. 24. COPIES OF ALL INSPECTION REPORTS, TEST RESULTS, ETC. SHALL BE SENT TO THE STRUCTURAL ENGINEER. 25. ALL SHOWER ENCLOSURES, DOORS AND PANELS TO BE OF AN APPROVED SHATTERPROOF MATERIAL. 26. INSPECTION IS REQUIRED FOR ALL INTERIOR AND EXTERIOR IN-PLACE LATH AND/OR WALLBOARD BEFORE ANY PLASTERING IS APPLIED OR ANY JOINTS AND FASTENERS HAVE BEEN TAPED AND FINISHED. 27. ABBREVIATIONS THROUGHOUT THE PLANS ARE THOSE IN COMMON USE. ARCHITECT WILL DEFINE INTENT OF ANY IN QUESTION. 28. CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACINGS, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK AND OF ALL FLOOR MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT. 29. ALL DUST, NOISE AND ODOURS SHALL BE KEPT TO A MINIMUM. 30. THE CONTRACTOR SHALL PROTECT ALL FINISHED WORK AND SURFACES FROM DAMAGE DURING THE COURSE OF WORK AND SHALL REPLACE AND/OR REPAIR ALL DAMAGE CAUSED BY CONTRACTOR OR SUB-CONTRACTOR PERSONNEL. 31. SHOP DRAWINGS : SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL EQUIPMENT AND MATERIALS WHICH MUST INTERFACE AND COORDINATE WITH OTHERS, WHETHER DETAILED OR NOT. 32. THESE DRAWINGS SHALL READ IN CONJUNCTION WITH THE C&S AND M&E CONSULTANT'S DRAWING AND SPECIFICATION AND CONTRACT DOCUMENT, ANY VARIATION MUST BE CONFIRMED. 33. ALL DIMENSIONS SHOWN IN THE DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE NOTED AND MUST BE CONFIRMED ON SITE. NO SCALING FROM DRAWINGS IS ALLOWED. 34. ALL GRIDLINES ARE ON THE CENTRE LINE OF COLUMNS AND BEAMS SHOWN UNLESS OTHERWISE NOTED. 35. THE WORK "TYPICAL" SHALL MEAN SIMILARITY IN THE TRADEMARK OF CONSTRUCTION, UNLESS OTHERWISE NOTED. 36. OPENING SUCH AS DOOR AND/OR WINDOW SHALL BE OF ROUGH OPENING (R.O) WITHOUT FINISHING. 37. THESE DRAWING ARE COPYRIGHT AND REMAIN THE PROPERTY OF AKASHAH ARCHITECT AND ASSOCIATES SDN BHD AND MUST NOT BE RE-PRODUCED OR RE-USE IN PART OR IN WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT'S	1 - LEVELING AL 0.00m RL 0.00m PL 0.00m FL 0.00m - ASSUMED LEVEL - ROAD LEVEL - PLATFORM LEVEL - FINISHED LEVEL 2 - ELEVATIONS REFERENCES 3 REAR 2 LEFT 4 RIGHT 1 FRONT 3 -ROOM REFERENCES AREA (SQ. M.) F C F - FLOOR FINISHES C - CEILING FINISHES 4 - GRID LINES A 1 5 - SECTION LINES A 01 SECTION IDENTIFICATION SHEET WHERE DRAWING SHOWN 6 - DOORS & WINDOWS TAG W1 FG1 D1 WINDOWS TYPE FIXED GLASS TYPE DOORS TYPE 7 - DETAIL CALL-OUT A 01 DETAIL IDENTIFICATION SHEET WHERE DETAIL SHOWN 8 - SANITARY FITTINGS <table><tr><th>Symbol</th><th>Descriptions</th></tr><tr><td>shw</td><td>Shower Head</td></tr><tr><td>tap</td><td>Tap</td></tr><tr><td>sc</td><td>Stop Cock / Valve</td></tr><tr><td>wc</td><td>Water Closet</td></tr><tr><td>cs</td><td>Cistern</td></tr><tr><td>hs</td><td>Hand Spray Bidet</td></tr><tr><td>sh</td><td>Soap Holder</td></tr><tr><td>ft</td><td>Floor Trap</td></tr><tr><td>wb</td><td>Wash Basin</td></tr><tr><td>ls</td><td>Laboratory Sink</td></tr><tr><td>ks</td><td>kitchen Sink</td></tr><tr><td>vp</td><td>Vent Pipe</td></tr><tr><td>m</td><td>Mirror</td></tr></table> 9 - FIRE FIGHTING EQUIPMENTS <table><tr><th>Symbol</th><th>Descriptions</th></tr><tr><td>HR</td><td>FIRE HYDRANT</td></tr><tr><td>HR</td><td>HYDRAULIC HOSEREEL</td></tr><tr><td>FA</td><td>FIRE ALARM</td></tr><tr><td>BG</td><td>BREAK GLASS</td></tr><tr><td>EL</td><td>EMERGENCY LIGHT</td></tr><tr><td>K</td><td>KELUAR SIGN</td></tr><tr><td>SD</td><td>SMOKE DETECTOR</td></tr><tr><td>DP</td><td>DRY POWDER EXTINGUISHER.</td></tr><tr><td>CO2</td><td>CARBON DIOXIDE EXTINGUISHER.</td></tr><tr><td>FM-200</td><td>FM-200 FIRE SYSTEM</td></tr></table>	Symbol	Descriptions	shw	Shower Head	tap	Tap	sc	Stop Cock / Valve	wc	Water Closet	cs	Cistern	hs	Hand Spray Bidet	sh	Soap Holder	ft	Floor Trap	wb	Wash Basin	ls	Laboratory Sink	ks	kitchen Sink	vp	Vent Pipe	m	Mirror	Symbol	Descriptions	 HR	FIRE HYDRANT	 HR	HYDRAULIC HOSEREEL	 FA	FIRE ALARM	 BG	BREAK GLASS	 EL	EMERGENCY LIGHT	 K	KELUAR SIGN	 SD	SMOKE DETECTOR	 DP	DRY POWDER EXTINGUISHER.	 CO2	CARBON DIOXIDE EXTINGUISHER.	 FM-200	FM-200 FIRE SYSTEM	NOTES : 1. MATERIAL & FINISHES 1. ALL GLASS WINDOW TO BE TINTED WITH 30% MINIMUM. 2. PVC CORNER BEAD SHALL BE INSTALLED AT AREA AS BELOW : 5mm THK PVC CORNER BEAD TO FIXED WITH SKIMCOAT AT CORNER OF FRESH CONCRETE BLOCK WALL, FOR GRADUAL BEDDING NOT EXCEEDING 5mm THK OF SHARP FLUSH LEVEL EXPOSED CORNER WITH PERFECT EDGE SETTING & PREVENT FROM HAIR LINE CRACK TO MANUF'S DETAIL. (INTERNAL WALL) 10mm THK PVC CORNER BEAD TO FIXED WITH CEMENT PLASTERING AT CORNER OF FRESH RC COLUMN & BEAM FOR GRADUAL BEDDING NOT EXCEEDING 5mm THK OF SHARP FLUSH LEVEL EXPOSED CORNER WITH PERFECT EDGE SETTING & PREVENT FROM HAIR LINE CRACK TO MANUF'S DETAIL. 3. WATERPROOFING SYSTEM SHALL BE APPLIED UP TO 300mm HIGH SKIRTING ALL ROUND TO SPECIALIST DETAIL AT WET AREA AS BELOW : - OPEN BALCONY, OPEN CORRIDOR & OPEN YARD - WATER TANK AREA & RC. FLAT ROOF - TOILET (1500mm HIGH AT SHOWER AREA) - ABLUTION AREA UP TO 900mm HIGH NOTE : - WATERPROOFING SYSTEM SHALL BE APPLIED AT ALL TOILET WITH 3 LAYERS SHELLKOTE EMULSION NO. 3 AND 1 LAYER FINAL COAT SHELLKOTE NO. 7 TO MANUF'S SPECIFICATIONS & ARCHITECT'S APPROVAL. (OR APPROVED EQUIVALENT) 1.25mm THK WATERPROOFING MEMBRANCE "POLYURETHENE BITUMIN" ANTY-HYDRO OR EQUIV. SHALL BE APPLIED ON LOWER & UPPER GROUND SLAB. 4. ALL BUILDING MATERIALS AND FITTINGS, WHICH ARE OF METAL SUCH AS IRONMONGERY, ROOF ETC. SHALL BE RUSTPROOF OR OTHERWISE, ALTERNATIVE NON-METALIC MATERIALS SHALL BE USED. 5. ANY PAINTS, COATINGS, PRIMER AND ADHESIVE, WHEN USED FOR INTERNAL AREAS SHALL BE WATER-BASED AND THE PERMISSIBLE EXPOSURE LEVEL (PEL) TO FORMALDEHYE OR ANY CARCINOGEN, AS ADOPTED BY OSHA, SHALL BE 0.75 PPM 6. ALUMINIUM FRAME SHALL BE 1.0 mm THK. BRONZE ANODISED 7. METAL DOOR FRAME SHALL BE 1.0mm THK. TO MANUF'S DETAIL AND SHALL BE ENCLOSED WITH DECORATIVE ARCHITRAVE TO DETAIL 2. SAMPLES MATERIAL 1. SAMPLES OF ALL FINISHES & ACCESSORIES SHALL BE SUBMITTED AND PRIOR CONCURRENCE SHALL BE OBTAINED FROM THE P.D/S BEFORE SUPPLY & INSTALLATION. SAMPLES SHALL BE PROPERLY MOUNTED ON SAMPLE BOARDS. 2. THE CONTRACTOR SHALL ARRANGE FACTORY/SHOWROOM VISITS PRIOR TO THE PRODUCTION AND SELECTION OF MATERIALS, EQUIPMENT FURNITURE ETC. 3. ALL INSTALLATION SHALL BE PERFORMED BY SKILLED WORKERS OR SUITABLE PRODUCT FABRICATOR IN ACCORDANCE WITH RECOGNISED TRADE STANDARD AND TO APPROVED DESIGN DRAWINGS • FINISHES 1. FLOOR FINISHES FF1 FF2 FF3 FF4 FF5 600mm X 600mm PORCELAIN TILES WITH 100mm HIGH SKIRTING TILES ALL ROUND 300mm X 600mm PORCELAIN TILES WITH 100mm HIGH SKIRTING TILES ALL ROUND 20mm THK CEMENT RENDERING WITH FLOOR HARDENER CONCRETE BROOM FINISHED 12mm THK CEMENT BOARD WITH JOINT SEALANT TO BE SKIMMED AND EMULSION PAINTED INTERNALLY 2. WALL FINISHES W1 W2 W3 W4 W5 W6 PLASTERED SURFACES TO BE APPLIED WITH 1 COAT WALL SEALER & 2 COATS EMULSION PAINT INTERNALLY REFER SCHEDULE. PLASTERED SURFACES TO BE APPLIED WITH 1 COAT WALL SEALER & 2 COATS WEATHERSHIELD PAINT EXTERNALLY REFER SCHEDULE. TREATED AAC BRICK TO APPLIED WITH SOLVENT BASED MIN 3 LAYERS OF WEATHER RESISTANCE PROTECTIVE ACRYLIC COATING MATTE FINISHED EXTERNALLY TREATED AAC BRICK TO APPLIED WITH SOLVENT BASED MIN 3 LAYERS OF PROTECTIVE ACRYLIC COATING MATTE FINISHED INTERNALLY SKIM COATED SURFACE TO BE APPLIED WITH 1 COAT WALL SEALER AND 2 COATS OF EMULSION PAINT ON BOTHSIDES REFER TO SCHEDULE METAL SHEET FINISHED WITH END CAPPING AND NECESSARY FIXING ACCESSORIES TO MANUF'S SPEC 3. CEILING FINISHES C1 PLASTERED CEILING TO APPLIED WITH 1 COAT PRIMER C/W 2 COATS OF TOP COAT PAINT REFER TO SCHEDULE & SPEC. CONSTRUCTIONS 1. FLOOR CONSTRUCTIONS FL1 FL2 FL3 FL3 RC CONC. FLOOR SLAB WITH WATERPROOFING MEMBRANCE ON A LAYER SAND SCREED ON A LAYER HARDCORE & RC. GROUND BEAM TO ENGR'S DETAIL (ON GROUND SLAB) RC. CONC. FLOOR SLAB WITH WATERPROOFING SYSTEM UP TO 300mm HIGH ALL ROUND TO ENGR'S DETAIL RC. CONC. FLOOR SLAB TO ENGRS'S DETAIL RC. CONC. FLOOR SLAB TO ENGRS'S DETAIL 2. WALL CONSTRUCTIONS WL1 WL1A WL2 WL3 WL4 WL5 WL6 WL7 MIN 125mm THK AAC LIGHTWEIGHT BLOCK WITH MIN 3 LAYERS OF MATTE CLEAR ACRYLIC PROTECTIVE COATING INTERNALLY AND WEATHER RESISTANCE MATTE CLEAR PROTECTIVE COATING EXTERNALLY TO ARCHITECT'S APPROVAL AND MANUF'S SPECIFICATION ON-- AAC SKIM COAT PRIMER/SEALER ELASTOMETRIC WATERPROOF COATING EXTERIOR WEATHERPROOF PAINTED MIN 230mm THK AAC LIGHTWEIGHT BLOCK WITH MIN 3 LAYERS OF MATTE CLEAR ACRYLIC PROTECTIVE COATING INTERNALLY AND WEATHER RESISTANCE MATTE CLEAR PROTECTIVE COATING EXTERNALLY TO ARCHITECT'S APPROVAL AND MANUF'S SPECIFICATION ON-- AAC SKIM COAT PRIMER/SEALER ELASTOMETRIC WATERPROOF COATING EXTERIOR WEATHERPROOF PAINTED 230mm THK EXXOMAS BIOBRICK WITH 20mm THK CEMENT PLASTERING AND PAINTED ON BOTHSIDES TO ARCHITECT'S APPROVAL 100mm THK DRYWALL PARTITION CONSISTED OF MIN 12mm THK GYPSUM PLASTERBOARD ON METAL FRAMES C/W FIXING ACCESSORIES TO MANUF'S SPEC AND ARCH'S APPROVAL MIN 125mm THK AAC LIGHTWEIGHT BLOCK WITH 20mm THK CEMENT PLASTERING AND PAINTED ON BOTHSIDES TO ARCHITECT'S APPROVAL AND MANUF'S SPECIFICATION ON-- AAC SKIM COAT PRIMER/SEALER ELASTOMETRIC WATERPROOF COATING EXTERIOR WEATHERPROOF PAINTED MIN 6mm THK CONCRETE CEMENT BOARD WITH ELASTIC JOINT SEALANT TO BE MIN 2 LAYERS OF COATING AND PAINTED FINISHED INTERNALLY TO BE BOLTED TO METAL FRAMES TO MANUF'S SPEC AND ARCH APPROVAL SELECTED ANTI-RUST CORRUGATED METAL PANEL TO BE BOLTED TO METAL FRAMES TO BE METAL PAINTED EXTERNALLY WITH ONE LAYER OF MIN 3MM THK CONCRETE CEMENT BOARD WALL PANEL WITH JOINT SEALANT TO BE SKIMMED AND EMULSION PAINTED INTERNALLY 0.40MM BMT (0.47MM TCT) ASTINO SUPERIOR RIB PU FOAM SHEET OR APPROVED EQUIV. C/W NECESSARY ACCESSORIES (COLOUR TO ARCHITECT'S SELECTION) TO MANUF'S SPECIFICATION ON 100x100MM HIGH TENSILE ZINC COATED/ZINCALUME STEEL PURLIN OR EQUIV. @ 450mm C/C TO SPECIALIST DETAIL STEEL TRUSS SYSTEM TO SPECIALIST DETAIL & APPROVED BY C & S ENGINEERS 0.40MM BMT CLEAN COLORBOND XRW STEEL FLASHING & CAPPING TO MANUF' DETAIL ASTINO PU METAL SHEET END CAPPING ASTINO CORNER CAPPING • CONSTRUCTIONS , cont. 3. CEILING CONSTRUCTIONS CL1 RF1 RF2 SELECTED STEEL SUSPENDED CEILING TO DETAILS 0.40MM BMT (0.47MM TCT) ASTINO SUPERIOR RIB PU FOAM SHEET OR APPROVED EQUIV. C/W NECESSARY ACCESSORIES (COLOUR TO ARCHITECT'S SELECTION) TO MANUF'S SPECIFICATION ON 100x100MM HIGH TENSILE ZINC COATED/ZINCALUME STEEL PURLIN OR EQUIV. @ 450mm C/C TO SPECIALIST DETAIL STEEL TRUSS SYSTEM TO SPECIALIST DETAIL & APPROVED BY C & S ENGINEERS 0.40MM BMT CLEAN COLORBOND XRW STEEL FLASHING & CAPPING TO MANUF' DETAIL ASTINO PU METAL SHEET END CAPPING ASTINO CORNER CAPPING MIN 4.0mm THK TRANSPARENT CLEAR FIBREGLASS REINFORCED POLYESTER (FRP) ROOFING SHEET C/W FIXING ACCESSORIES TO MANUF'S SPEC AND ARCH'S APPROVAL ON STEEL TRUSS TO ENGR'S DETAIL 4. ROOF CONSTRUCTIONS RF1 RF2 MIN 4.0mm THK TRANSPARENT CLEAR FIBREGLASS REINFORCED POLYESTER (FRP) ROOFING SHEET C/W FIXING ACCESSORIES TO MANUF'S SPEC AND ARCH'S APPROVAL ON STEEL TRUSS TO ENGR'S DETAIL 5. STAIRCASES & STEPS SC1 RC. STEP TO ENGR'S DETAIL MIN 3 LAYERS OF CLEAR HEAVY DUTY SLATE SEAL MATTE FINISHED 6. RAMPS RM1 RC. RAMP TO ENGR'S DETAIL WITH 25mm WIDE GROOVE LINE TO DETAIL (SEMI GLOSS SLIP RESISTANCE FINISH) 7. RC. & CONC. RCC RCS RCB RCL RCH PCC RCT CK CAP RPB 200x200mm RC. COLUMN TO ENGR'S DETAIL WITH 12mm THK CEMENT PLASTERING TO DETAIL 150x150mm RC. STIFFENER TO ENGR'S DETAIL WITH 12mm THK CEMENT PLASTERING TO DETAIL RC. BEAM/SLAB TO ENGR'S DETAIL WITH 12mm THK CEMENT PLASTERING RC. LINTOL TO ENGR'S DETAIL WITH 12mm THK CEMENT PLASTERING RC. HOOD TO ENGR'S DETAIL WITH 12mm THK CEMENT PLASTERING LAID TO FALL TO DETAIL 150x300mm THK RC CONC. COPING TO ENGR'S DETAIL PC. COUNTER TOP TO ENGR'S DETAIL WITH HOMOGENEOUS TILES FINISH TO DETAIL 150mm HIGH CONC. KERB TO ENGR'S DETAIL CONC. APRON SLAB TO ENGR'S DETAIL RC. PLANTER BOX WITH SCOUR PIPE WHERE APPLICABLE TO ENGR'S DETAIL • CONSTRUCTIONS , cont. 8. STEELS RL1 RL2 RL3 RL4 RL5 RL6 EM SB 150x200mm WIDE PRE-PAINTED ANTI-RUST TREATED RHS COLUMN TO ENGR'S DETAIL 150x150mm WIDE PRE-PAINTED ANTI-RUST TREATED RHS COLUMN TO ENGR'S DETAIL 100x150mm WIDE PRE-PAINTED RHS FINIS TO BE BOLTED TO RC BEAM TO DETAIL 75x100mm WIDE PRE-PAINTED RHS FINIS TO BE WELDED TO RHS FRAMES 50x50mm WIDE PRE-PAINTED RHS FINIS TO BE WELDED TO RHS FRAMES 100x100mm WIDE PRE-PAINTED RHS FINIS TO BE WELDED TO RHS FRAMES 2MM THK. G.I EXPANDED METAL MESH WELDED TO RHS FRAME TO MANUF'S DETAIL BY ARCH. APPROVED STEEL BENCH WITH MIN 8mm THK CEMENT BOARD MIN 3 LAYERS OF CLEAR SLATE FINISHED TO BE BOLTED TO METAL FRAMES TO DETAIL 9. SCREENING SCN1 SCN2 SCN3 SCN4 SCN5 SCN6 SPACE (OR APPROVED EQUIVALENT) 75x300mm PVDF/PRE-PAINTED ALUZNIC BOX LOUVRES TO DETAIL C/W CARRIER & ALL NECESSARY ACCESSORIES INSTALLATION FITTING TO SPECIALIST DETAIL & ARCHITECT'S APPROVAL (FRONT AND REAR DETAIL) PRE-PAINTED SHS BOX SCREENING TO DETAIL 200x200X70mm THK PBM PRECAST CONCRETE BREEZE BLOCK UP TO BEAM LEVEL MIN 3mm THK SP ACE "WILLOW SERIES" POWDER COATED ALUMINIUM EXPANDED MESH FIXED TO FRAME AND ALL OTHER FIXING ACESORIES TO MANUF'S SPEC AND ARCH'S APPROVAL RECTANGULAR STEEL WELDED MESH FIXED TO FRAME AND ALL OTHER FIXING ACESORIES TO MANUF'S SPEC AND ARCH'S APPROVAL METAL FRAME FLOOR PIVOT RECTANGULAR STEEL WELDED MESH FIXED TO "L" FRAME AND ALL OTHER FIXING ACESORIES TO MANUF'S SPEC AND ARCH'S APPROVAL 10. DRAINAGE PD PD1 SD SP MH PERIMETER DRAIN LAID TO FALL ON MASS CONC. TO ENGR'S DETAIL PERMETER DRAIN C/W CONCRETE COVER LAID TO FALL ON MASS CONC. TO ENGR'S DETAIL 200mm WIDE X 25mm DEPTH @ SCUPPER DRAIN 50mm Ø UPVC SCOUR PIPE AT OPEN STAIRCASE, BALCONY & WATER TANK AREA CONC. MANHOLE C/W STEEL COVER TO ENGR'S DETAIL 10.GENERAL PDC GL VP PC1 PC2 LE1 LE2 TRE COU LP GL FLS RDP GUT BOL SELECTED PC. SLAB DRAIN COVER WHERE APPLICABEL TO MANUF'S DETAIL 50mm/25"mm WIDE X 12mm THK "C" CHANNEL GROOVE LINE TO DETAIL 100mm UPVC VENT PIPE C/W VENT COWL & ACCESSORIES SHALL BE INSTALLED UP TO ABOVE ROOF TO MANUF'S DETAIL SEMI-GLOSS POWDER COATED SS SHEET TO BE BOLTED TO RHS COLUMN C/W SELECTED ACRYLIC LOGGO TO MANUF'S SPEC AND ARCH'S APPROVAL SEMI-GLOSS POWDER COATED SS SHEET TO BE BOLTED TO BRICKWALL C/W SELECTED SS LETTERING TO MANUF'S SPEC AND ARCH'S APPROVAL MIN 10mm THK SELECTED FULL BODY FULL COLORED ACRYLIC 3D "CUBIC" FONT TYPE LETTERING TO DETAIL MIN 10mm THK SELECTED FULL BODY FULL COLORED ACRYLIC 3D "ROCKWELL" FONT TYPE LETTERING TO DETAIL MIN 10mm Ø ANTI-CORROSIVE WIRE TRELLIS C/W FASTENER/TENSIONER TO BE BOLTED TO RC BEAM BELOW AND BOLTED TO RHS FRAME 40mm THK CONCRETE EFFECT LAMINATED WORKTOP BOARD BOARD WITH CUPBOARD BELOW TO DETAIL LOOSE PEBBLES 25mm WIDE PVC GROOVE LINES AT 300mm C/C (OR WHEN APPLICABLE) SELECTED METAL FLASHING TO MATCH ROOF COLORS TO MANUF'S SPEC AND ARCH'S APPROVAL MIN 150x75mm RECTANGULAR ROOF DRAINAGE DOWN PIPE C/W FIXING ACCESSORIES TO BE DISCHARGED TO NEAREST DRAIN SELECTED 300mm WIDE SQUARELINE UPVC GUTTER WITH FIXING BRACKET C/W DEBRIS TRAP TO MANUF'S SPEC AND ARCH'S APPROVAL SELECTED REMOVABLE SECURITY SS BOLLARD POLE TO MANUF'S SPEC AND ARCH'S APPROVAL
Symbol	Descriptions																																																			
shw	Shower Head																																																			
tap	Tap																																																			
sc	Stop Cock / Valve																																																			
wc	Water Closet																																																			
cs	Cistern																																																			
hs	Hand Spray Bidet																																																			
sh	Soap Holder																																																			
ft	Floor Trap																																																			
wb	Wash Basin																																																			
ls	Laboratory Sink																																																			
ks	kitchen Sink																																																			
vp	Vent Pipe																																																			
m	Mirror																																																			
Symbol	Descriptions																																																			
 HR	FIRE HYDRANT																																																			
 HR	HYDRAULIC HOSEREEL																																																			
 FA	FIRE ALARM																																																			
 BG	BREAK GLASS																																																			
 EL	EMERGENCY LIGHT																																																			
 K	KELUAR SIGN																																																			
 SD	SMOKE DETECTOR																																																			
 DP	DRY POWDER EXTINGUISHER.																																																			
 CO2	CARBON DIOXIDE EXTINGUISHER.																																																			
 FM-200	FM-200 FIRE SYSTEM																																																			

TENDER DRAWING

NOTA:

PROJEK (PROJECT):
CADANGAN KERJA-KERJA
MENAIKTARAF DAN
PENGUBAHSUAJIAN FASILITI BAGI
PONDOK PENGAWAL HADAPAN DAN
PUKAT PELAJAR SERTA KERJA-KERJA
BERKAITAN DI INSTITUT KEMAHIRAN
MARA (IKM) SUNGAI PETANI, KEDAH.

UNTUK:
TETUAN MAJLIS AMANAH RAKYAT
(MARA)

NOTA:

REV:	DATE:	DESCRIPTION:	BY:

PEMILIK:



MAJLIS AMANAH RAKYAT (MARA)
Tingkat 11, Ibu Pejabat MARA
21, Jalan MARA, 50609 Kuala Lumpur.
Tel: 03 - 2613 2000

TANDATANGAN ARKITEK

SAYA MENYAPRAHKAN BAHAWA BUTIRAN-BUTIRAN DI DALAM PELAN-PELAN ADALAH MENURUT
KEHENDAK-KEHENDAK UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984 DAN SAYA
SETIAU TERIMA TANGGUNGJAWAB MENGIKUT DENGAN SEWA-JARITA

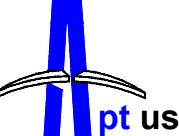
ARKHITEK:

architecture • planning • interior design • landscape

**Akashah**
architect
&
associates sdn. bhd.

1334154-1
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**APTUS ENGINEERING CONSULTANT**
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JURUTERA M&E:

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KEDAH DARUL AMAN
TEL/FAX: 04-7371 9271
E-mail: alifbersatu_06@yahoo.com.

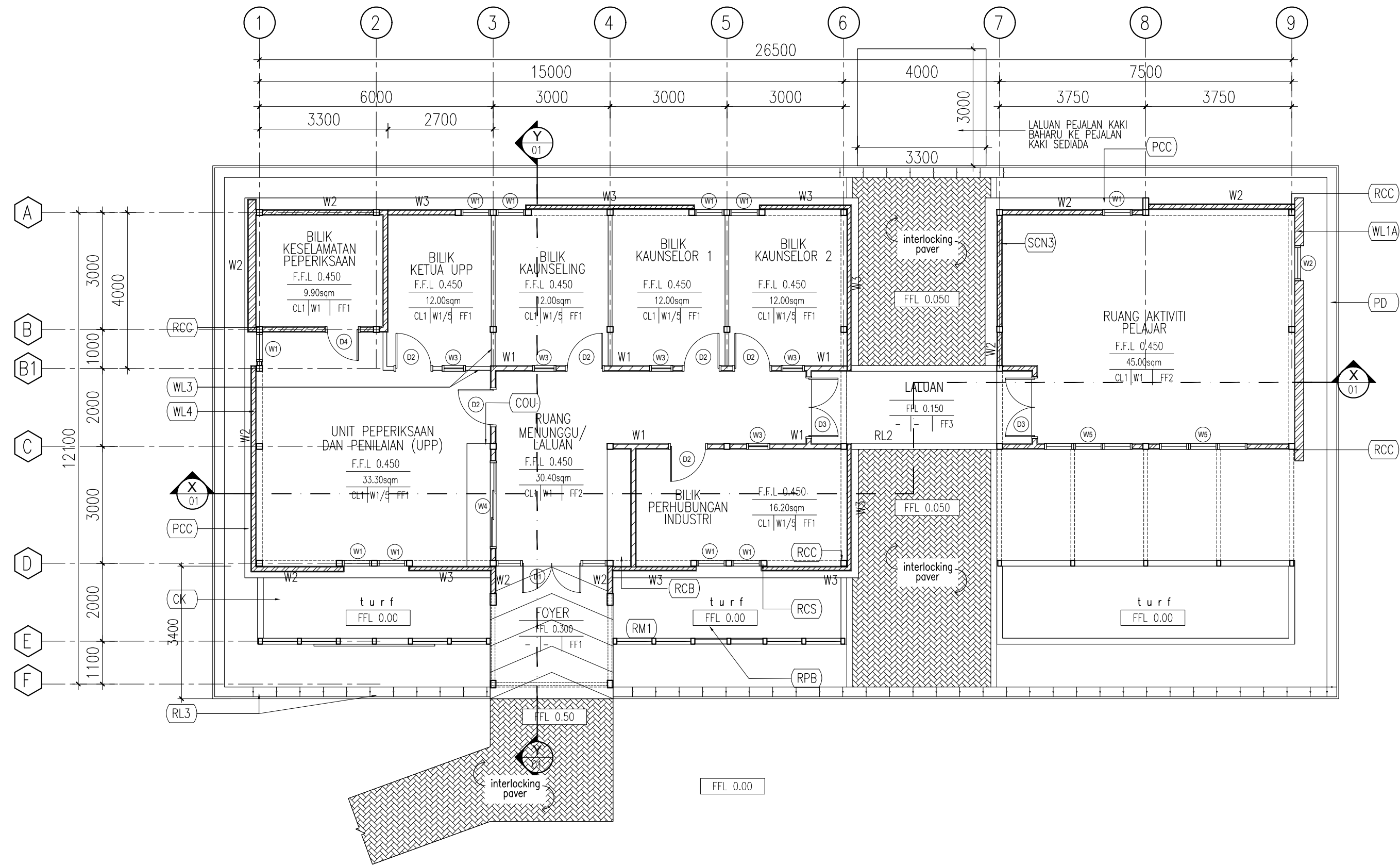
JURUUKUR BAHAN:

**SAS | QS**
CONSULT
INCORPORATED
Quality Services And Construction Cost Consultants

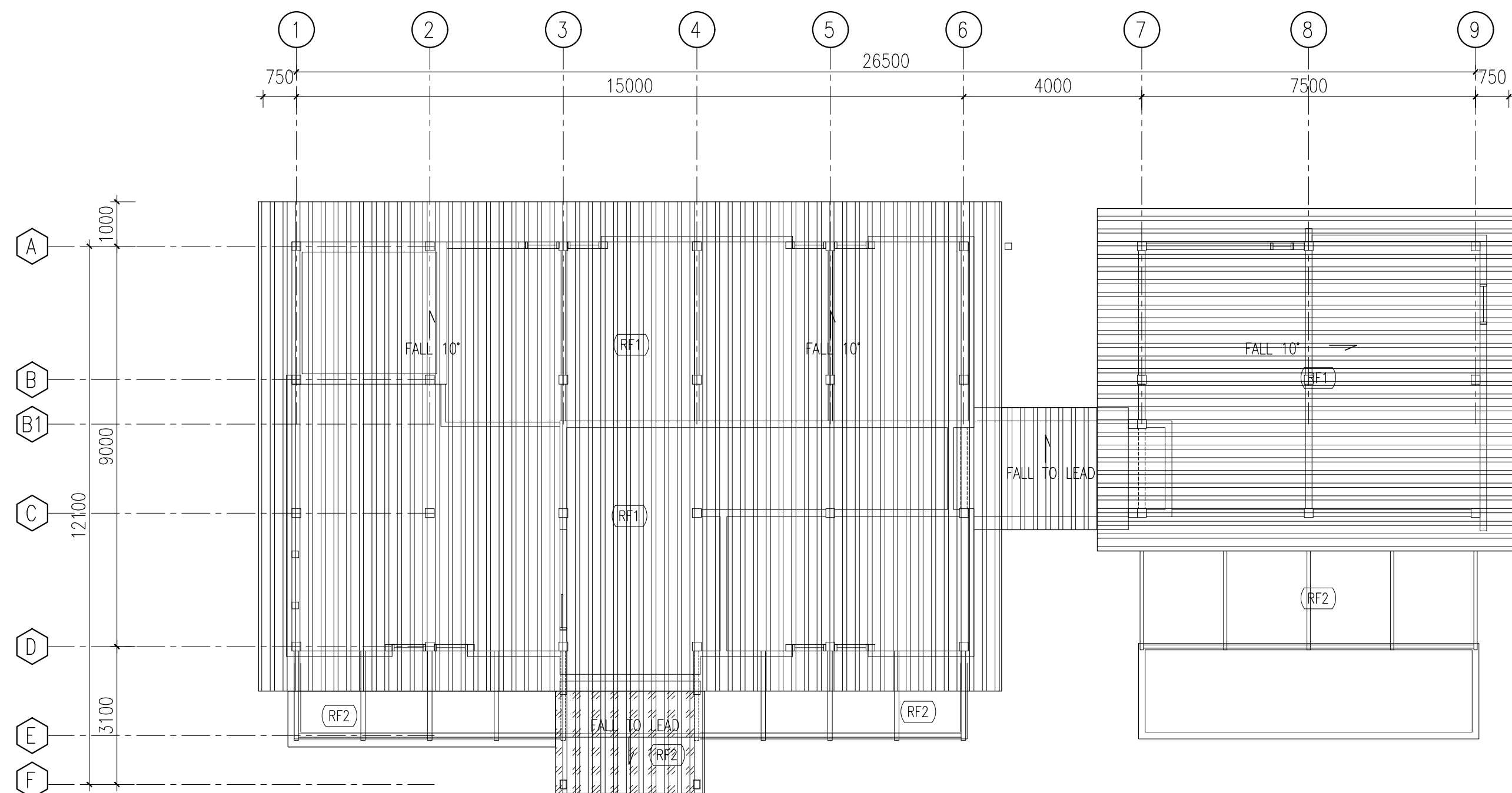
JURUUKUR BAHAN
SAS QS CONSULT
INC. 00095-1 TAMAN PRIMA
JALAN TUN RAZAK,
GOSOK ALOR BETAR, KEDAH,
TEL. 019-490 0500
EMAIL : sasqsconsult@gmail.com

TAJUK LUKISAN:
-GENERAL SPECIFICATIONS

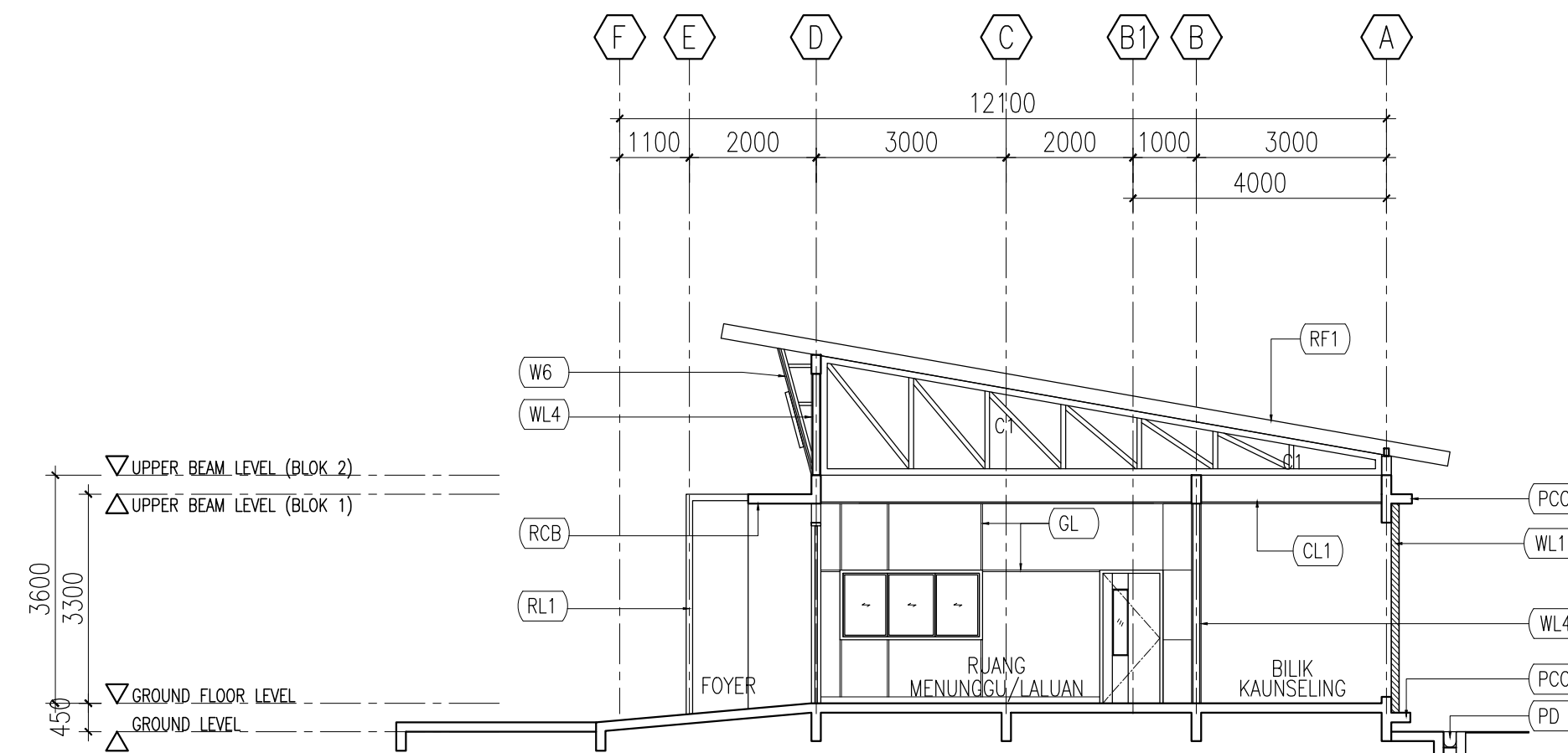
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☐ PRELIMINARY	☐ SUBMISSION	☐ CONSTRUCTION	
☐ INFORMATION	☒ TENDER	☐	
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DILUKIS	MKE	DISEMAK	AAA
NO. FAIL AUTOCAD :			
BILANGAN LUKISAN			
AAAsb-70-0524/ MARA/ IKM-SP/GS-01-01			



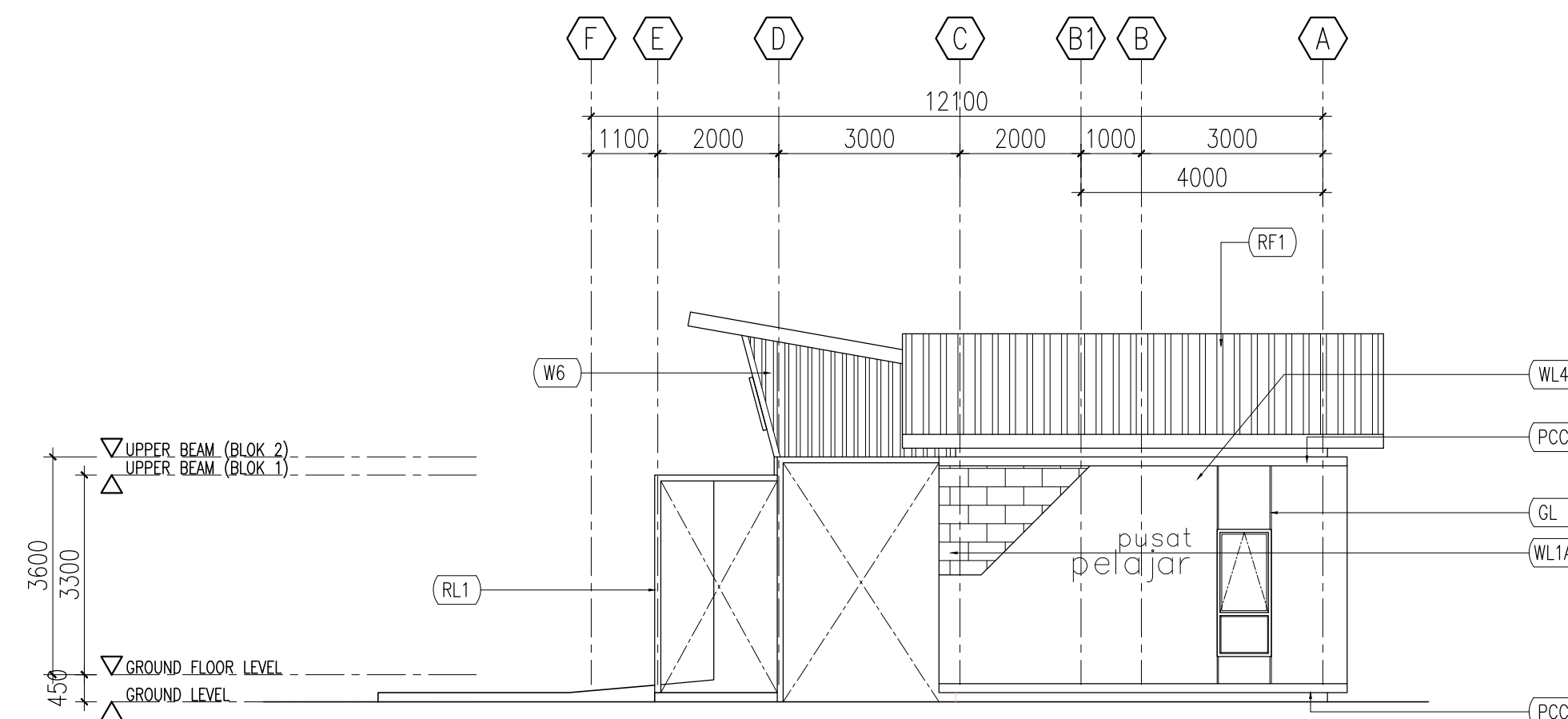
GROUND FLOOR PLAN
SCALE 1:100
TOTAL G.F.A. :180.15 SQM (1939.13 SQFT)



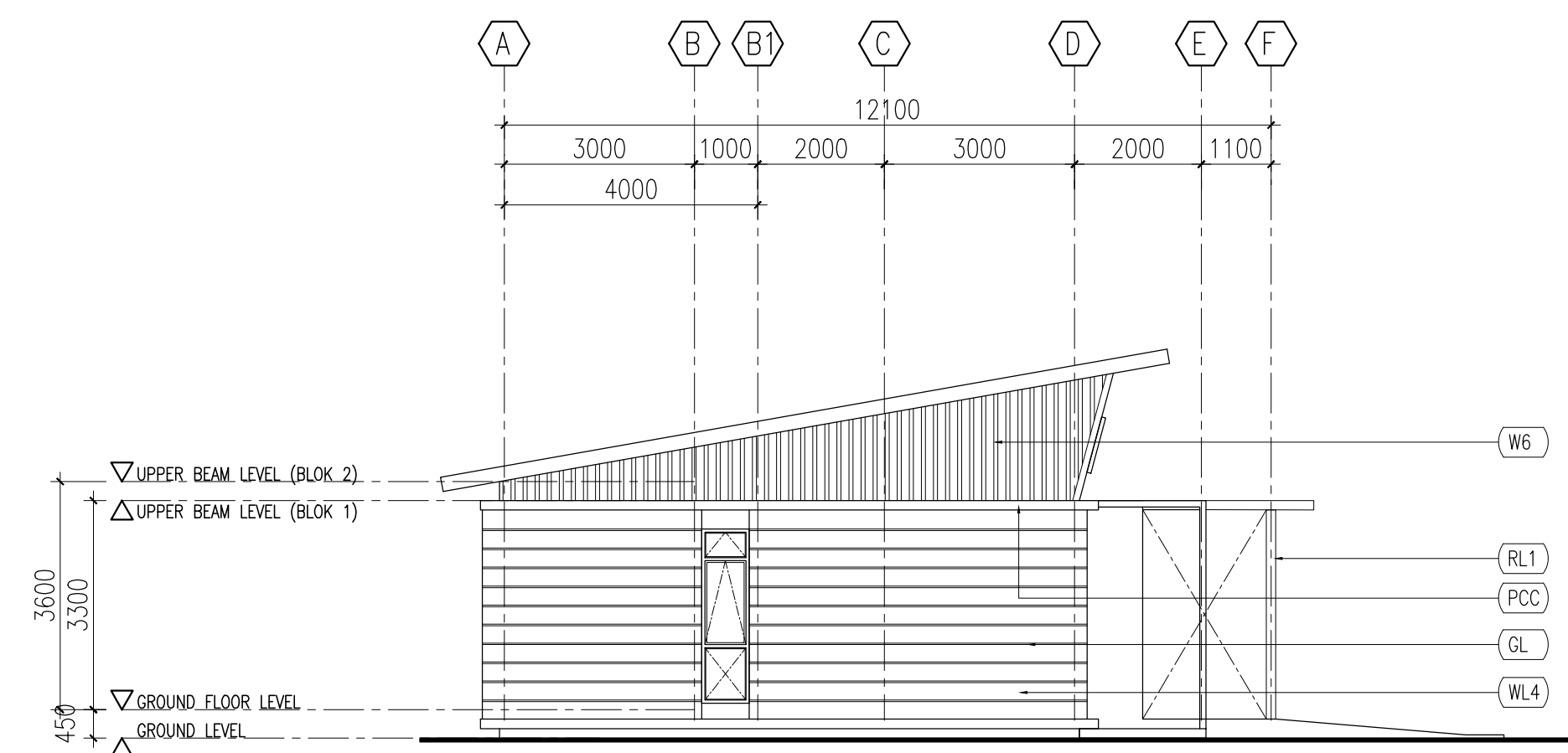
ROOF PLAN
SCALE 1:100



SECTION Y-Y
SCALE 1:100



RIGHT ELEVATION
SCALE 1:100



LEFT ELEVATION
SCALE 1:100

TENDER DRAWING

NOTA:

PROJEK (PROJECT):
CADANGAN KERJA-KERJA
MENAIKTARAF DAN
PENGUBAHSUAJIAN FASILITI BAGI
PONDOK PENGAWAL HADAPAN DAN
PUSAT PELAJAR SERTA KERJA-KERJA
BERKAITAN DI INSTITUT KEMAHIRAN
MARA (IKM) SUNGAI PETANI, KEDAH.

UNTUK:
TETUAN MAJLIS AMANAH RAKYAT
(MARA)

NOTA:

REV:	DATE:	DESCRIPTION:	BY:

PEMILIK:

 **MAJLIS AMANAH RAKYAT (MARA)**
Tingkat 11, Ibu Pejabat MARA
21, Jalan MARA, 50609 Kuala Lumpur.
Tel: 03 - 2613 2000

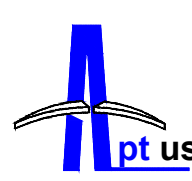
TANDATANGAN ARKITEK

SAYA MEMPRAKTIK BAHAWA BUTIRAN BUTIRAN DI DALAM PELAN PELAN ADALAH MENURUT
KEHENDAK-KEHENDAK UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984 DAN SAYA
SETUJU TERIMA TANGGUNGJAWAB PENUH DENGAN SEWAJARNYA.

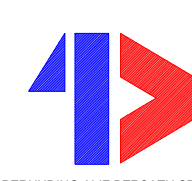
ARKITEK:

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1334154-1
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PERUNDING ALIF BERSATU SDN BHD

JURUUKUR BAHAN:

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JALAN TUN RAZAK,
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TEL: 018-400 6900
EMAIL: sasqiconsult@gmail.com

JURUUKUR BAHAN
SAS QS CONSULT

TAJUK LUKISAN:
(PUSAT PELAJAR)
-FLOOR PLAN
-ROOF PLAN
-SECTION Y-Y

-RIGHT ELEVATION
-LEFT ELEVATION

STATUS LUKISAN

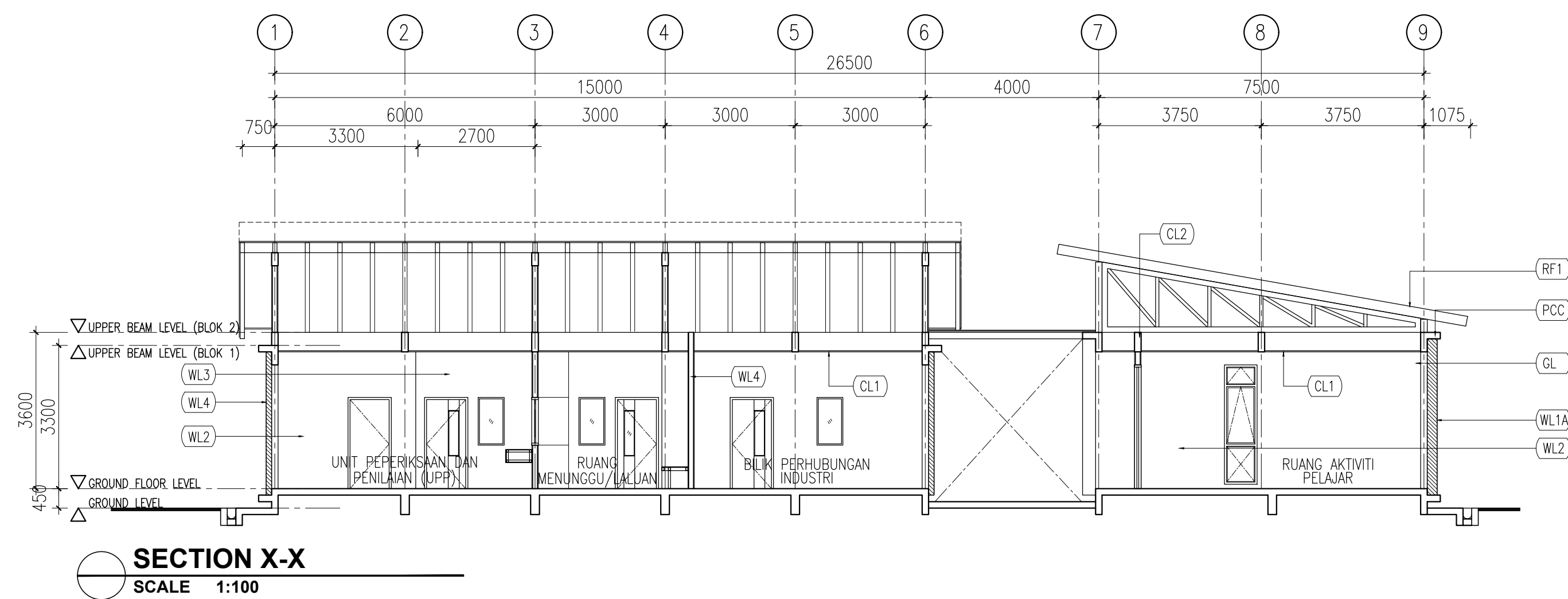
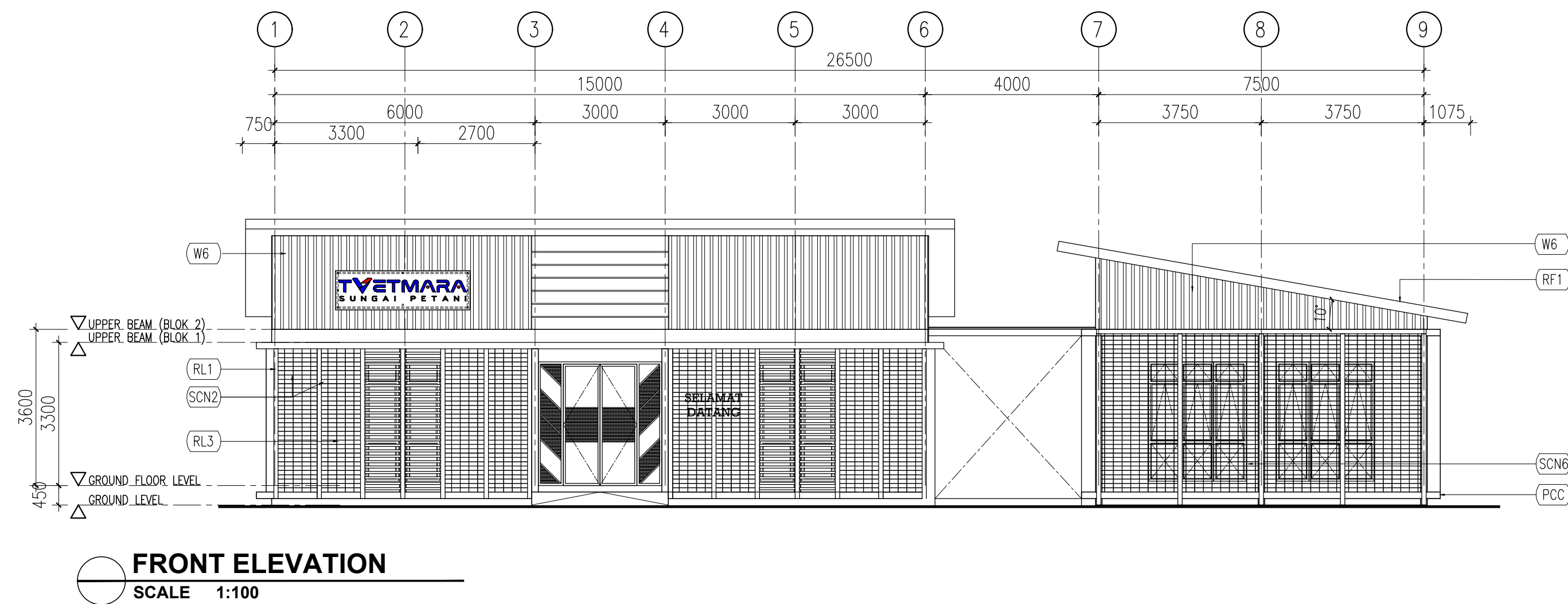
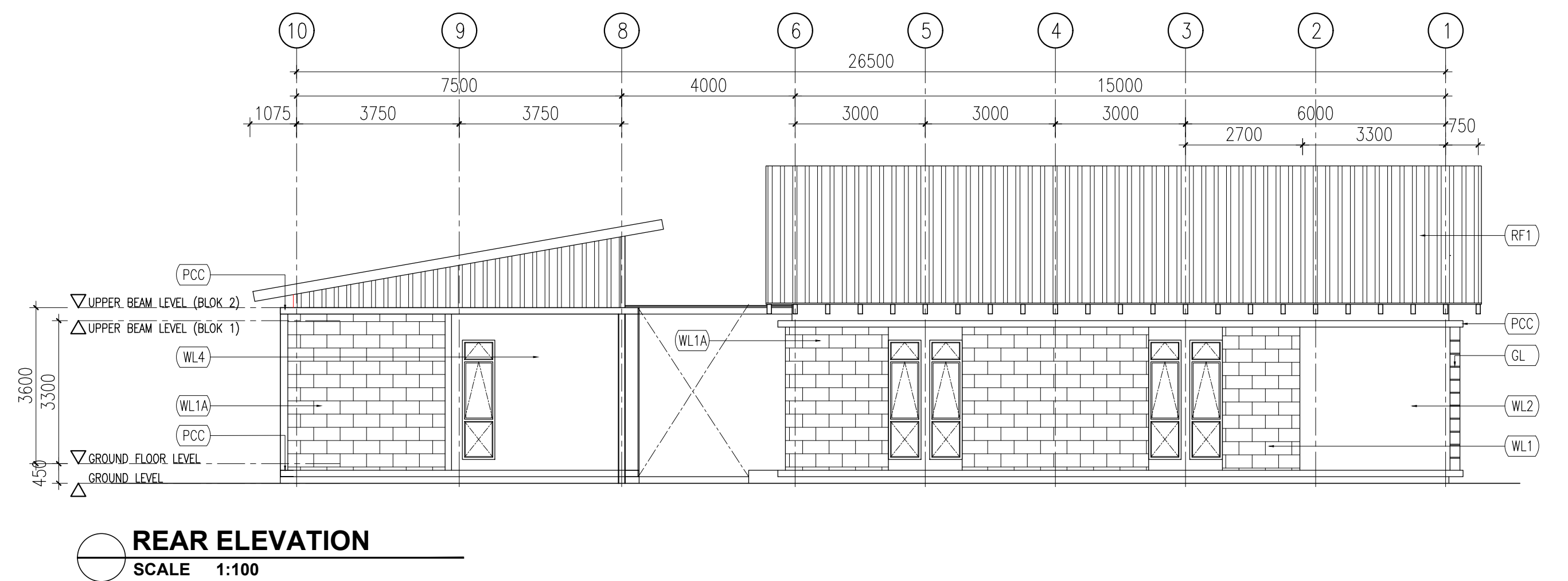
☐ PRELIMINARY ☐ SUBMISSION ☐ CONSTRUCTION
☐ INFORMATION ☒ TENDER ☐

SKALA 1 : 100 TARIKH APRIL 2026
DILUKIS MKE DISEMAK AAA

NO. FAIL AUTOCAD :

BILANGAN LUKISAN

AAAsb-70-0524/MARA/IKM-SP/ PPL-01



TENDER DRAWING

NOTA:

PROJEK (PROJECT):

CADANGAN KERJA-KERJA
MENAIKTARAF DAN
PENGUBAHSUAJIAN FASILITI BAGI
PONDOK PENGAWAL HADAPAN DAN
PUSAT PELAJAR SERTA KERJA-KERJA
BERKAITAN DI INSTITUT KEMAHIRAN
MARA (IKM) SUNGAI PETANI, KEDAH.

UNTUK:

TETUAN MAJLIS AMANAH RAKYAT
(MARA)

NOTA:

REV:	DATE:	DESCRIPTION:	BY:

PEMILIK:

MAJLIS AMANAH RAKYAT (MARA)
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Tel: 03 - 2613 2000

TANDATANGAN ARKITEK

AKASHAH ARCHITECT

SAYA MENYERAHKAN BAHAWA BUTIRAN BUTIRAN DI DALAM PELAN PELAN ADALAH MENURUT
KEHENDAK-KEHENDAK UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984 DAN SAYA
SETIAU TERIMA TANGGUNGJAWAB PENUH DENGAN SEWAJARNYA.

ARKITEK:

architecture • planning • interior design • landscape

Akashah
architect
&
associates sdn. bhd.

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CONSULT
100091 NO. 2016/P/00574
Berdaftar Berdaftar with Construction Unit Construction Unit
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05200 ALOR SETAR, KEDAH.
TEL. 018-400 6900
EMAIL : sasqconsult@gmail.com

TAJUK LUKISAN:

(PUSAT PELAJAR)
-REAR ELEVATION
-FRONT ELEVATION
-SECTION X-X

STATUS LUKISAN

☐ PRELIMINARY

☐ SUBMISSION

☐ CONSTRUCTION

☐ INFORMATION

☒ TENDER

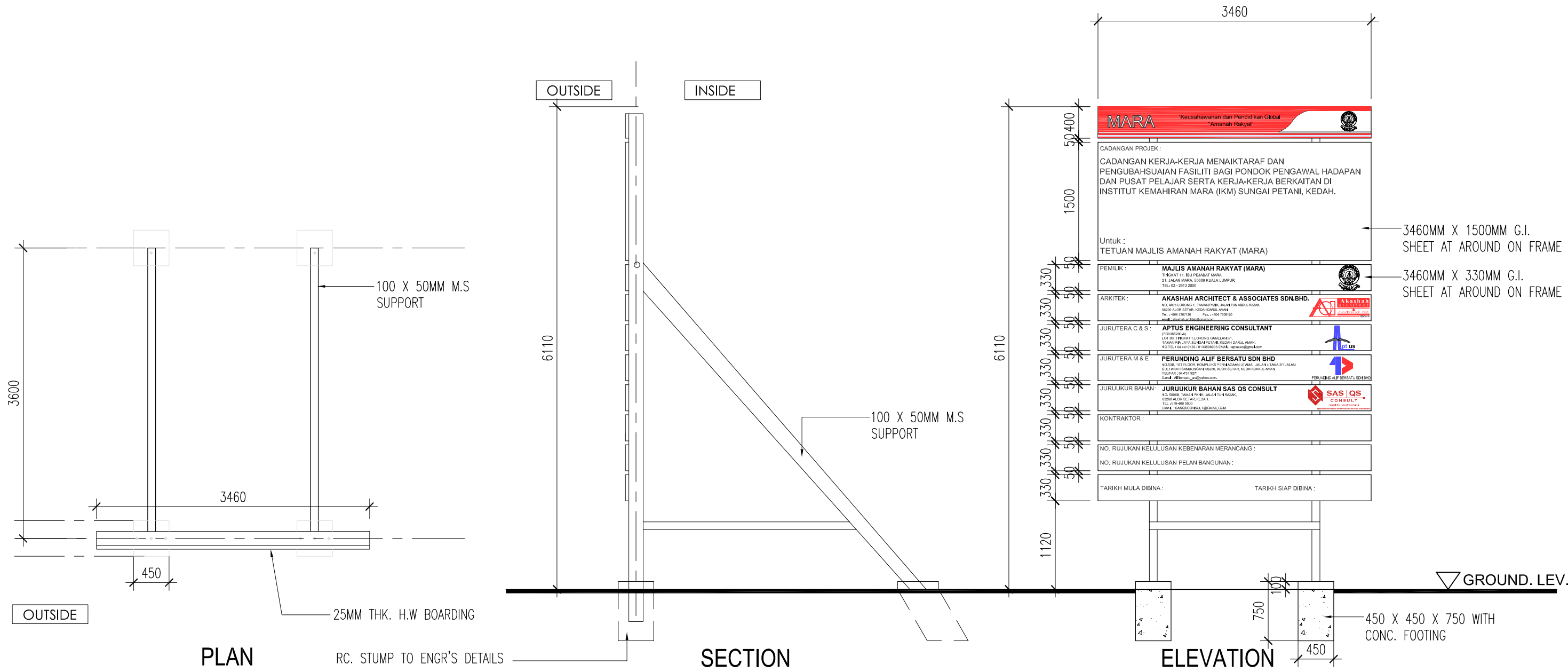
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DILUKIS	MKE	DISEMAK	AAA

NO. FAIL AUTOCAD :

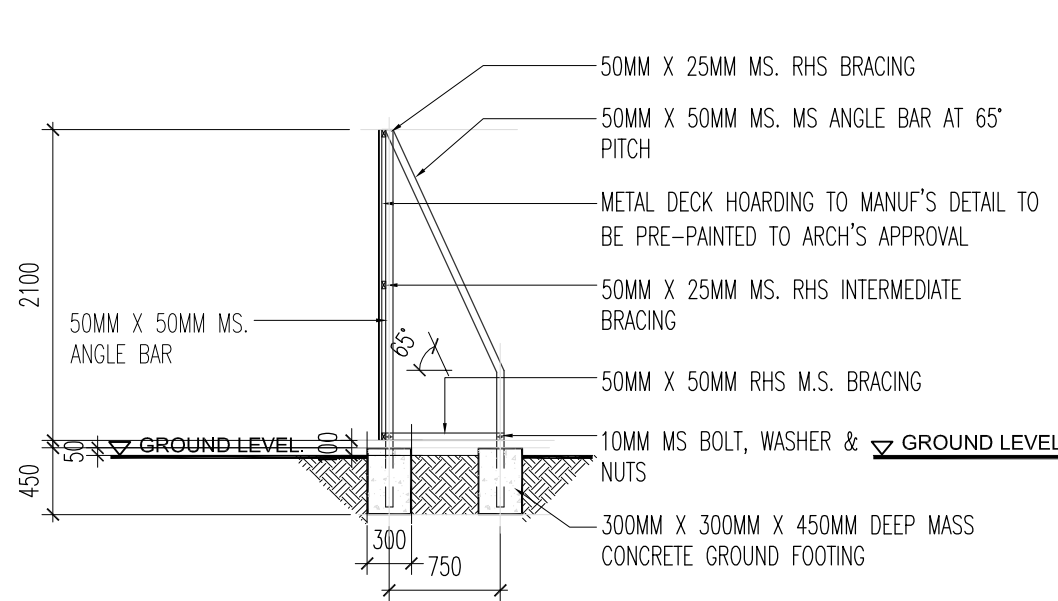
BILANGAN LUKISAN

AAAsb-70-0524/MARA/IKM-SP/ PPL-02

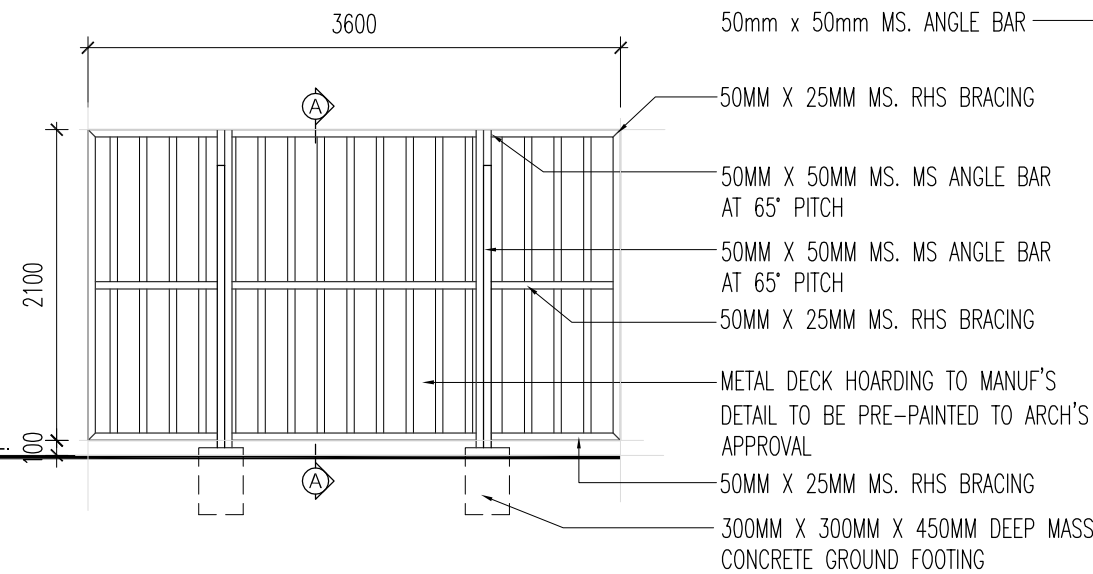


TENDER DRAWING

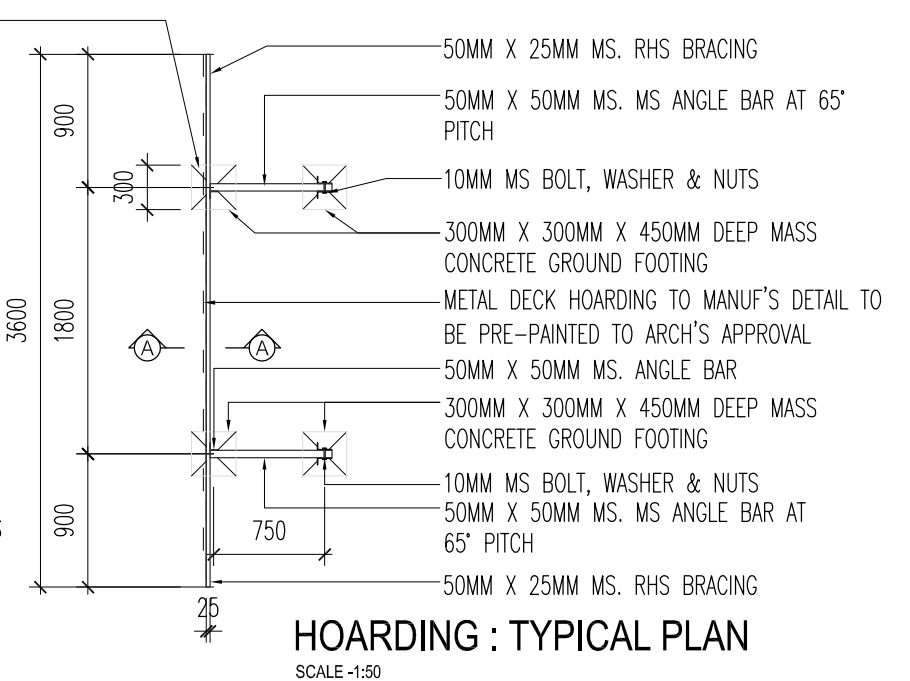
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DISEMAK	MKE		
UKURAN	1:50		
TARIKH	FEB 2025		
NAMA BANGUNAN PROJECT SIGNBOARD		UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/PS-01-01
		TAJUK LUKISAN PLAN , SECTION & ELEVATION	



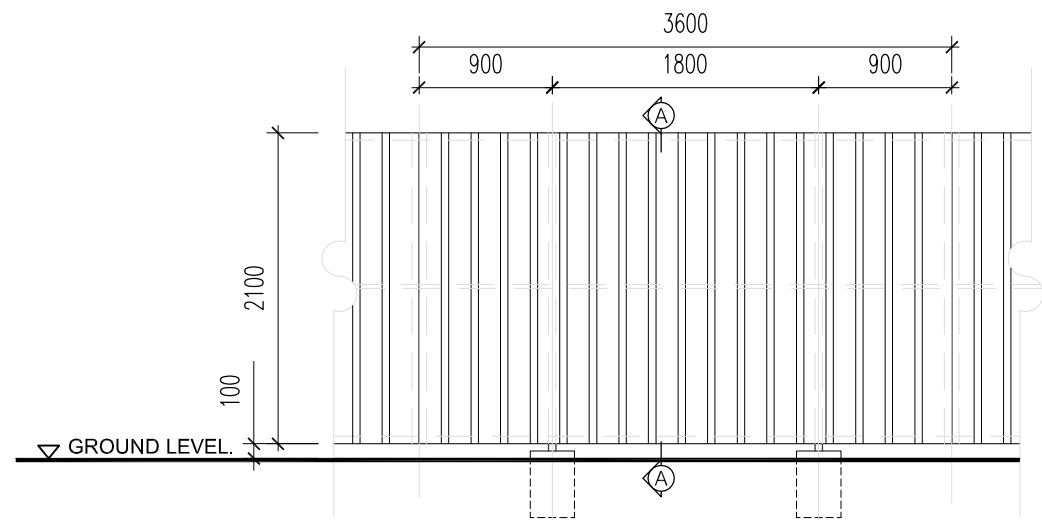
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SCALE -1:150



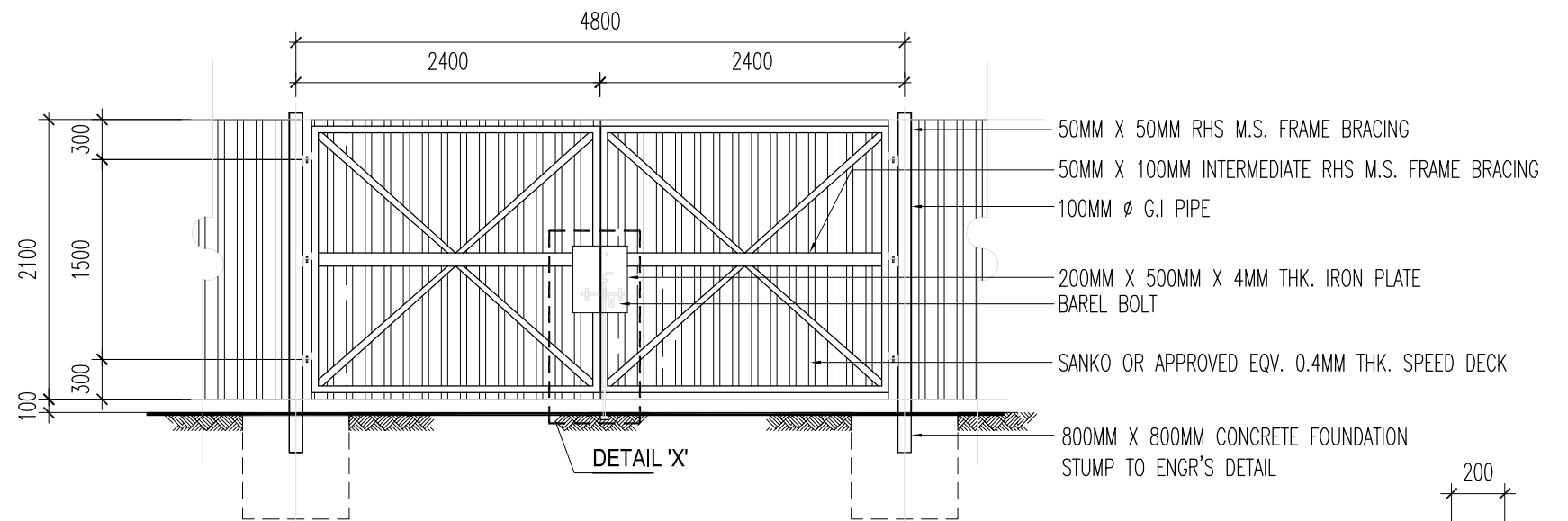
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SCALE -1:150



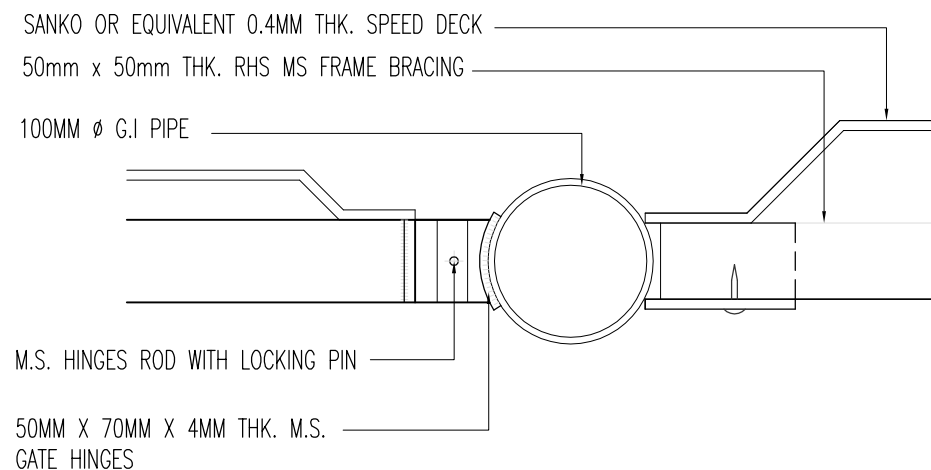
HOARDING : TYPICAL PLAN
SCALE -1:50



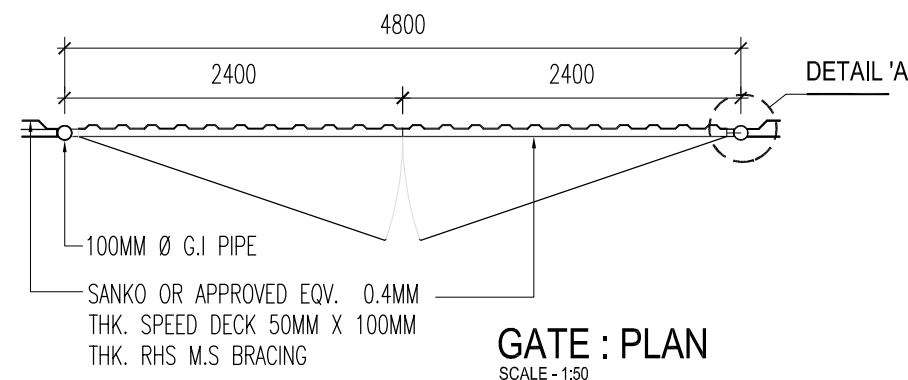
HOARDING : FRONT ELEVATION
SCALE -1:50



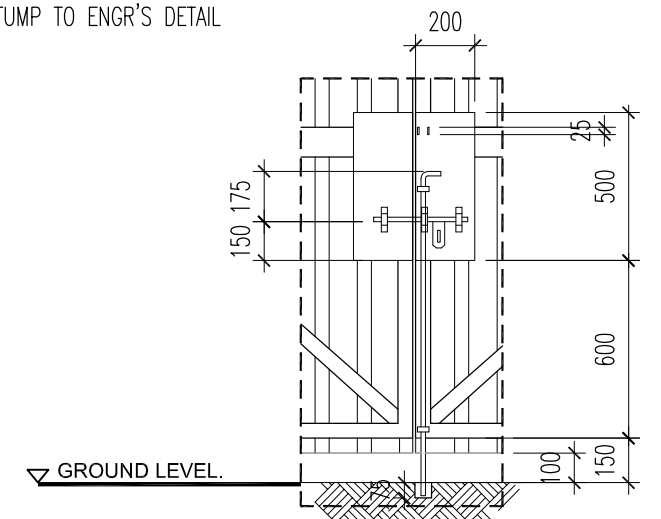
GATE : REAR ELEVATION
SCALE -1:50



GATE : DETAIL 'A'
SCALE (N.T.S)



GATE : PLAN
SCALE -1:50



DETAIL -'X'
SCALE -1:25

TENDER DRAWING

NOTE : ALL METAL HOARDING & SUPPORT MUST BE PRE-PAINTED WITH ONE LAYER COAT OF PRIMER & 2 LAYER OF FINISHING COATS TO ARCH'S APPROVAL

DILUKIS	ALIF / RIDZ	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	 NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05200 ALOR STAR KEDAH DARUL AMAN TEL. +604 7307120 FAX. +604 7308120 email. akashah.archt@b@gmail.com
DISEMAK	MKE		
UKURAN	1 : 50		
TARIKH	FEB 2025		
UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)			
NAMA BANGUNAN		TAJUK LUKISAN	NO LUKISAN
IKM SUNGAI PETANI		HOARDING DETAIL	AAAsb-70-0524/MARA/IKM-SP/HD-01-01

SCHEDULE OF FINISHES (PUSAT PELAJAR)

LOCATION	FLOOR	WALL	CEILING	SKIRTING
FOYER	600 X 600MM PORCELAIN TILES ON 20MM THK. CEMENT AND SAND (1:3) SCREED	NIL	NIL	100MM HEIGHT TILES SKIRTING
RUANG MENUNGGU / LALUAN	300 X 600MM PORCELAIN TILES ON 20MM THK. CEMENT AND SAND (1:3) SCREED	MIN 125mm THK AAC LIGHTWEIGHT BLOCK WITH 20mm THK CEMENT PLASTERING AND PAINTED ON BOTHSIDES TO ARCHITECT'S APPROVAL	PLASTERED CEILING TO APPLIED WITH 1 COAT PRIMER C/W 2 COATS OF TOP COAT PAINT REFER TO SCHEDULE & SPEC.	DITTO
BILIK PERHUBUNGAN INDUSTRI	600 X 600MM PORCELAIN TILES ON 20MM THK. CEMENT AND SAND (1:3) SCREED	DITTO	DITTO	DITTO
UNIT PEPERIKSAAN DAN PENILAIAN (UPP)	DITTO	DITTO	DITTO	DITTO
BILIK KESELAMATAN PEPERIKSAAN	DITTO	230mm THK EXXOMAS BIOBRICK WITH 20mm THK CEMENT PLASTERING AND PAINTED ON BOTHSIDES TO ARHITECT'S APPROVAL	DITTO	DITTO
BILIK KETUA UPP	DITTO	- MIN 125mm THK AAC LIGHTWEIGHT BLOCK WITH MIN 3 LAYERS OF MATTE CLEAR ACRYLIC PROTECTIVE COATING INTERNALLY AND WEATHER RESISTANCE MATTE CLEAR PROTECTIVE COATING EXTERNALLY TO ARCHITECT'S APPROVAL - 100mm THK DRYWALL PARTITION CONSISTED OF MIN 12mm THK GYPSUM PLASTERBOARD ON METAL FRAMES C/W FIXING ACCESSORIES TO MANUF'S SPEC AND ARCH'S APPROVAL	DITTO	DITTO

NOTE :

DILUKIS	ASMA	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH. UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	 1334154-T NO. 4006 LORONG 1 TAMAN PHNK, JALAN TUN ABDUL RAZAK 05150 ALOR STAR KEDAH DARUL AMAN. TEL: +604 7307120 FAX: +604 7308120 email.akashah.archsb@gmail.com
DISEMAK	MKE		
UKURAN	1 : 100		
TARIKH	FEB 2025		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN SCHEDULE OF FINISHES	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/SOF-01-02

TENDER DRAWING

SCHEDULE OF FINISHES (PUSAT PELAJAR)

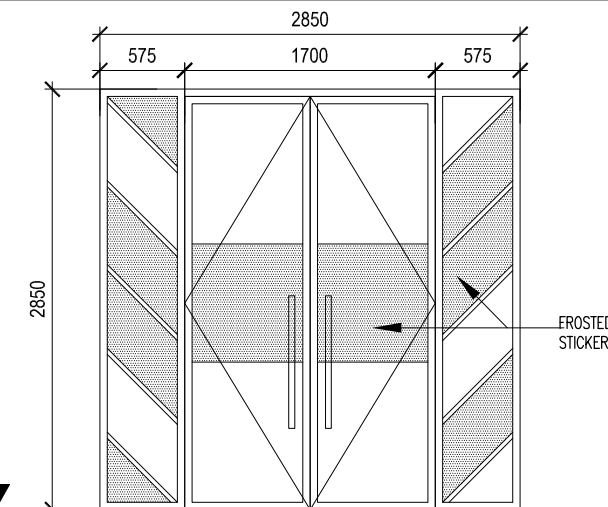
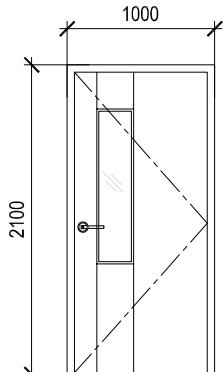
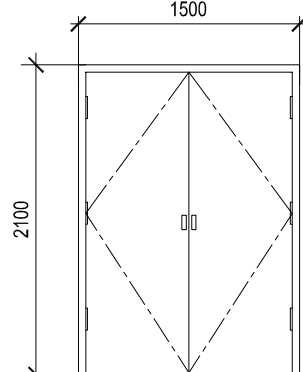
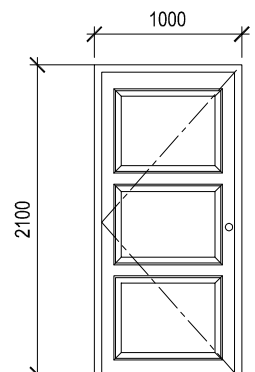
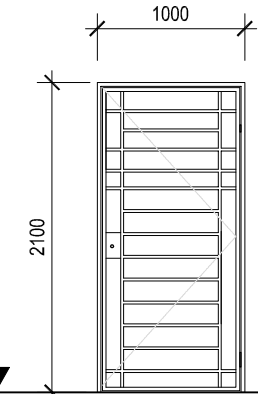
LOCATION	FLOOR	WALL	CEILING	SKIRTING
BILIK KAUNSELING	DITTO	DITTO	DITTO	DITTO
BILIK KAUNSELOR 1	DITTO	DITTO	DITTO	DITTO
BILIK KAUNSELOR 2	DITTO	DITTO	DITTO	DITTO
LALUAN	20mm THK CEMENT RENDERING WITH FLOOR HARDENER	NIL	NIL	NIL
RUANG AKTIVITI PELAJAR	300 X 600MM PORCELAIN TILES ON 20MM THK. CEMENT AND SAND (1:3) SCREED	MIN 125mm THK AAC LIGHTWEIGHT BLOCK WITH 20mm THK CEMENT PLASTERING AND PAINTED ON BOTHSIDES TO ARCHITECT’S APPROVAL	SELECTED STEEL SUSPENDED CEILING TO DETAIL	NIL

SCHEDULE OF FINISHES (PONDOK PENGAWAL)

LOCATION	FLOOR	WALL	CEILING	SKIRTING
PONDOK PENGAWAL	CEMENT FLOOR BOARD	0.40MM BMT (0.47MM TCT) ASTINO SUPERIOR RIB PU METAL SHEET OR APPROVED EQUIV. C/W NECESSARY ACCESSORIES (COLOUR TO ARCHITECT’S SELECTION)	10mm THK. BORAL PLASTERBOARD WITH APPROVED SUSPENDED CEILING SYSTEM WITH ADJUSTABLE ROD & CLIP HANGER TO SPECIALIST DETAIL C/W SELECTED CORNICE ALL ROUND (CEILING MANHOLE WHERE APPLICABLE)	

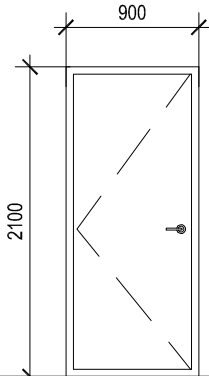
TENDER DRAWING

DILUKIS	ASMA	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH. UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	 1334154-T NO. 4006 LORONG 1 TAMAN PHNK, JALAN TUN ABDUL RAZAK 05150 ALOR STAR KEDAH DARUL AMAN. TEL: +604 7307120 FAX: +604 7308120 email.akashah.archsb@gmail.com
DISEMAK	MKE		
UKURAN	1 : 100		
TARIKH	FEB 2025		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN SCHEDULE OF FINISHES	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/SOF-02-02

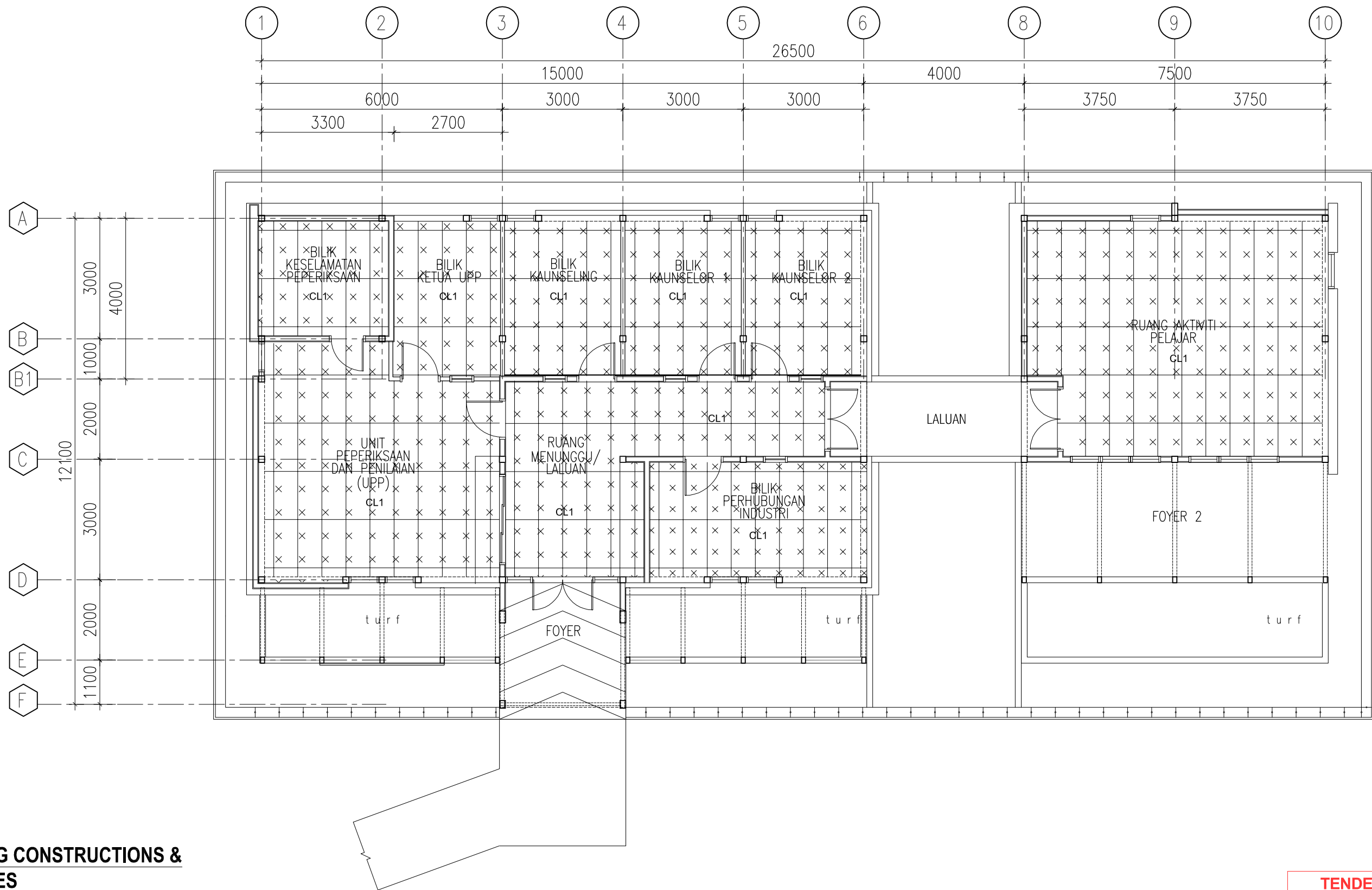
Door Type	D1 1700 X 2850mm ALUMINIUM FRAME DOUBLE LEAF GLASS DOOR WITH FIXED GLASS PANEL BESIDE	D2 1000 X 2100mm METAL FRAME SINGLE LEAF HONEYCOMB KAWAGUCHI LAMINATED DOOR WITH GLASS PANEL	D3 1500 X 2100mm METAL FRAME DOUBLE LEAF SOLID CORE KAWAGUCHI LAMINATED DOOR	D4 1000 X 2100mm METAL FRAME SINGLE LEAF TIMBER SOLID DOOR TO ARCHITECT'S APPROVAL
Elevation				
Fin. Flr. Lev.	▼			
Location	- RUANG MENUNGGU / LALUAN	- BILIK KETUA UPP - BILIK KAUNSELING - BILIK KAUNSELOR 1 - BILIK KAUNSELOR 2 - UNIT PEPERIKSAAN DAN PENILAIAN (UPP) - BILIK PERHUBUNGAN INDUSTRI	- LALUAN - RUANG AKTIVITI PELAJAR	- BILIK KESELAMATAN PEPERIKSAAN
Notes				
Door Type	DG 1000 x 2100mm M.S SWING GRILLE DOOR TO BE PAINTED			
Fin. Flr. Lev.	▼ 			
Location	- BILIK KESELAMATAN PEPERIKSAAN			
Notes				

DILUKIS	ASMA	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH. UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	 NO. 4006 LORONG 1 TAMAN PRNK JALAN TUN ABDUL RAZAK 05200 ALOR STAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email: akashah.archsb@gmail.com
DISEMAK	M.K.E		
UKURAN	1 : 50		
TARIKH	JAN 2025		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN DOOR SCHEDULE	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/DS-01-01

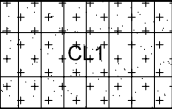
Window Type	W1 750mm x 2750mm - BRONZE ANODISED ALUMN. FRAME (6mm MSG LIGHT GREEN LAMINATED CASEMENT ABOVE AND FIXED BELOW GLASS WINDOW PANEL TO MANUF'S DETAIL)	W2 900mm x 2100mm - BRONZE ANODISED ALUMN. FRAME (6mm MSG LIGHT GREEN LAMINATED CASEMENT ABOVE AND FIXED BELOW GLASS WINDOW PANEL TO MANUF'S DETAIL)	W3 600mm x 1100mm - BRONZE ANODISED ALUMN. FRAME (6mm MSG LIGHT GREEN LAMINATED FIXED GLASS WINDOW PANEL TO MANUF'S DETAIL)	W4 2250mm x 1100mm - BRONZE ANODISED ALUMN. FRAME (6mm MSG LIGHT GREEN LAMINATED SLIDING GLASS WINDOW TO MANUF'S DETAIL)
Elevation				
Fin. Flr. Lev.	▼			
Location	- UNIT PEPERIKSAAN & PENILAIAN (UPP) - BILIK PERHUBUNGAN INDUSTRI - BILIK KETUA UPP - BILIK KAUNSELING - BILIK KAUNSELOR 1 - BILIK KAUNSELOR 2	- RUANG AKTIVITI PELAJAR	- BILIK PERHUBUNGAN INDUSTRI - BILIK KAUNSELOR 1 - BILIK KAUNSELOR 2 - BILIK KAUNSELING - BILIK KETUA UPP	- UNIT PEPERIKSAAN & PENILAIAN (UPP)
Notes				
Window Type	W5 2750mm x 2250mm - BRONZE ANODISED ALUMN. FRAME (6mm MSG LIGHT GREEN LAMINATED CASEMENT ABOVE AND FIXED BELOW GLASS WINDOW PANEL TO MANUF'S DETAIL)			
Fin. Flr. Lev.	▼ 			
Location	- RUANG AKTIVITI PELAJAR			
Notes				

Window Type	D1 900 x 2100mm M.S. FRAME SINGLE LEAF SOLID TIMBER DOOR TO MANUF'S DETAIL		
Elevation			
Fin. Flr. Lev.	▼		
Location	- PONDOK PENGAWAL		
Notes			
Window Type	W1 1845 x 1375mm - BRONZE ANODISED ALUMN. FRAME SLIDING & FIXED GLASS WINDOW TINTED GREEN GLASS 6mm TO MANUF'S DETAIL	W2 1000 x 450mm - BRONZE ANODISED ALUMN. FRAME FIXED GLASS WINDOW TINTED GREEN GLASS 6mm TO MANUF'S DETAIL	W3 2900 x 1375mm - BRONZE ANODISED ALUMN. FRAME FIXED GLASS WINDOW TINTED GREEN GLASS 6mm TO MANUF'S DETAIL
Fin. Flr. Lev.	▼		
Location	- PONDOK PENGAWAL	- PONDOK PENGAWAL	- PONDOK PENGAWAL
Notes			

DILUKIS	ASMA	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH. UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	 NO. 4006 LORONG 1 TAMAN PRNK JALAN TUN ABDUL RAZAK 13341541 05200 ALOR STAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email: akashah.archsb@gmail.com
DISEMAK	M.K.E		
UKURAN	1 : 50		
TARIKH	JAN 2025		
NAMA BANGUNAN PONDOK PENGAWAL		TAJUK LUKISAN DOOR & WINDOW SCHEDULE	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/DW-01-01



CEILING CONSTRUCTIONS & FINISHES

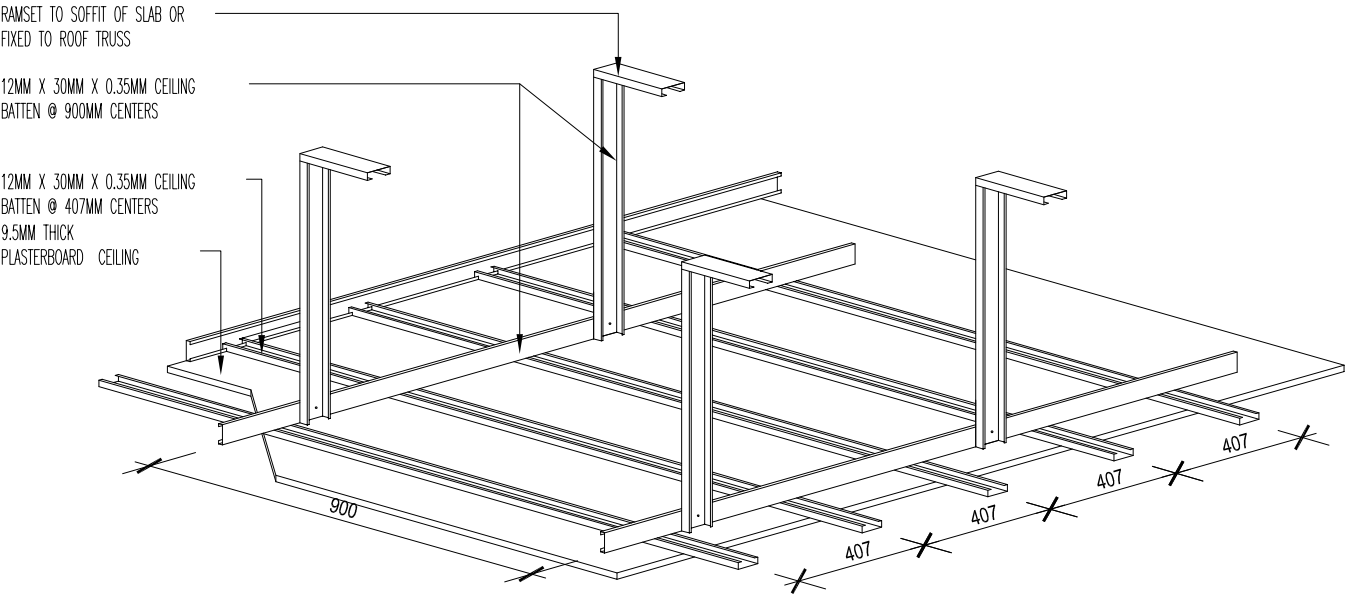
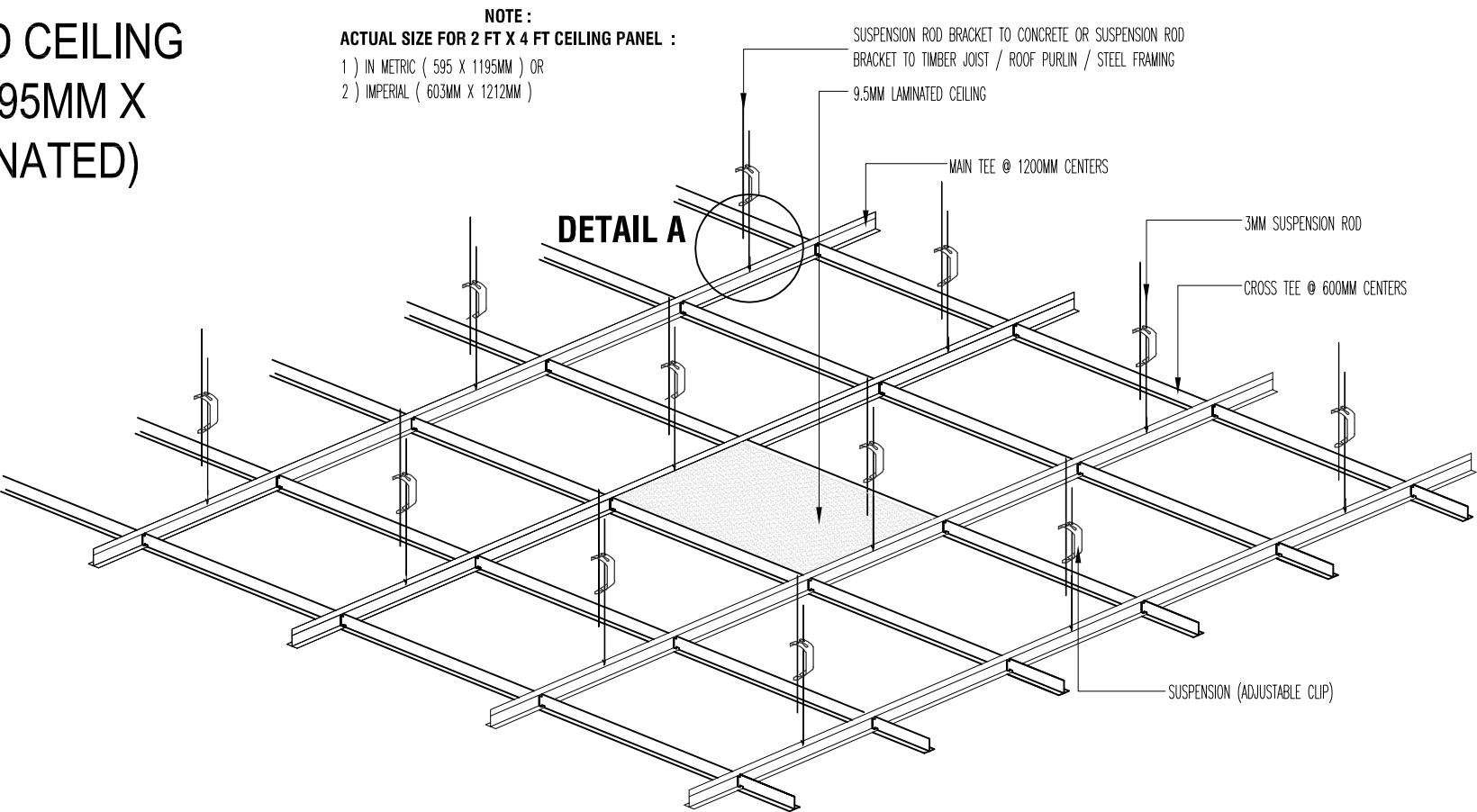


1200x600mm CALSIUM SILICATE
SUSPENDE CEILING BOARD c/w MULTI
CARRIER & WIRE HANGER AT 1200mm
c/c TO ARCH' APPROVAL

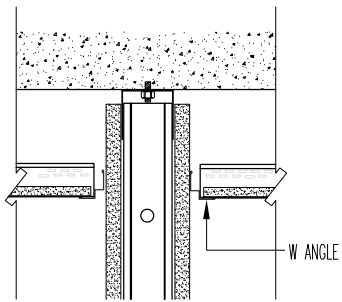
TENDER DRAWING

DILUKIS	HKM HNF	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	 NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05150 ALOR SETAR KEDAH DARUL AMAN TEL. +604 7307120 FAX. +604 7308120 email.akashah.archib@gmail.com
DISEMAK	MKE		
UKURAN	1 : 100		
TARIKH	MAY 2026		
NAMA BANGUNAN BLOK PUSAT PELAJAR		UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA) TAJUK LUKISAN REFLECTED CEILING LAYOUT	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/CL-01-01

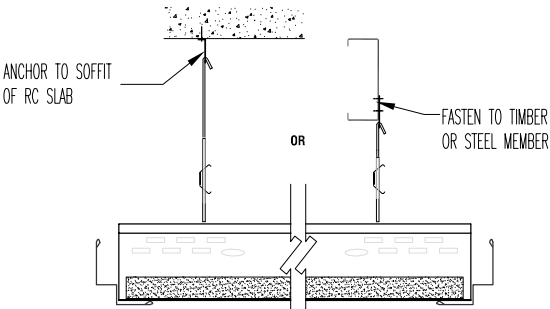
SUSPENSION SYSTEM -
EXPOSED GRID CEILING
FOR 9.5MM X 595MM X
1195 MM (LAMINATED)



PLASTER CEILING DETAIL



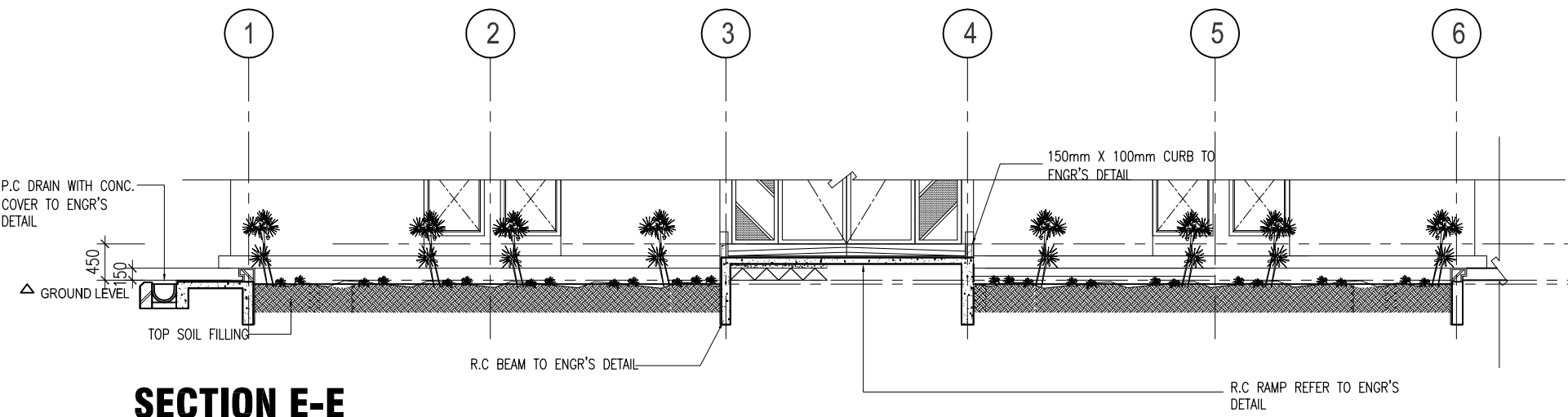
PERIMETER DETAIL



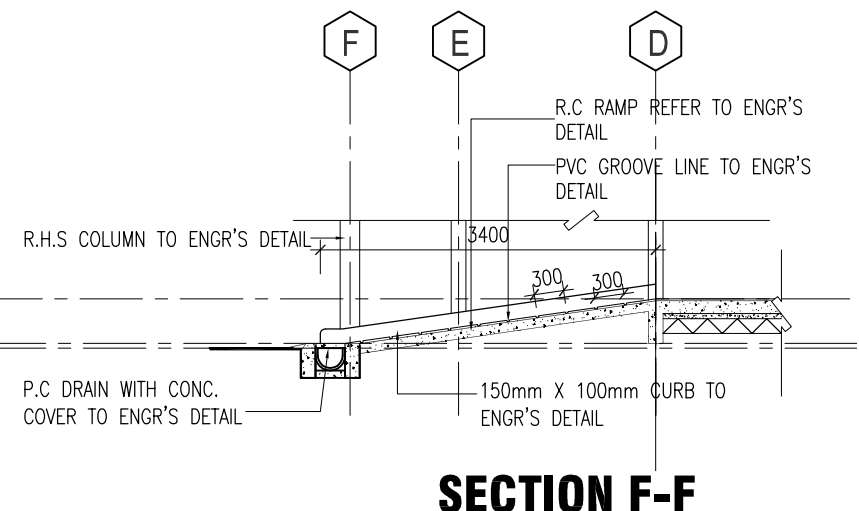
DETAIL " A "

TENDER DRAWING

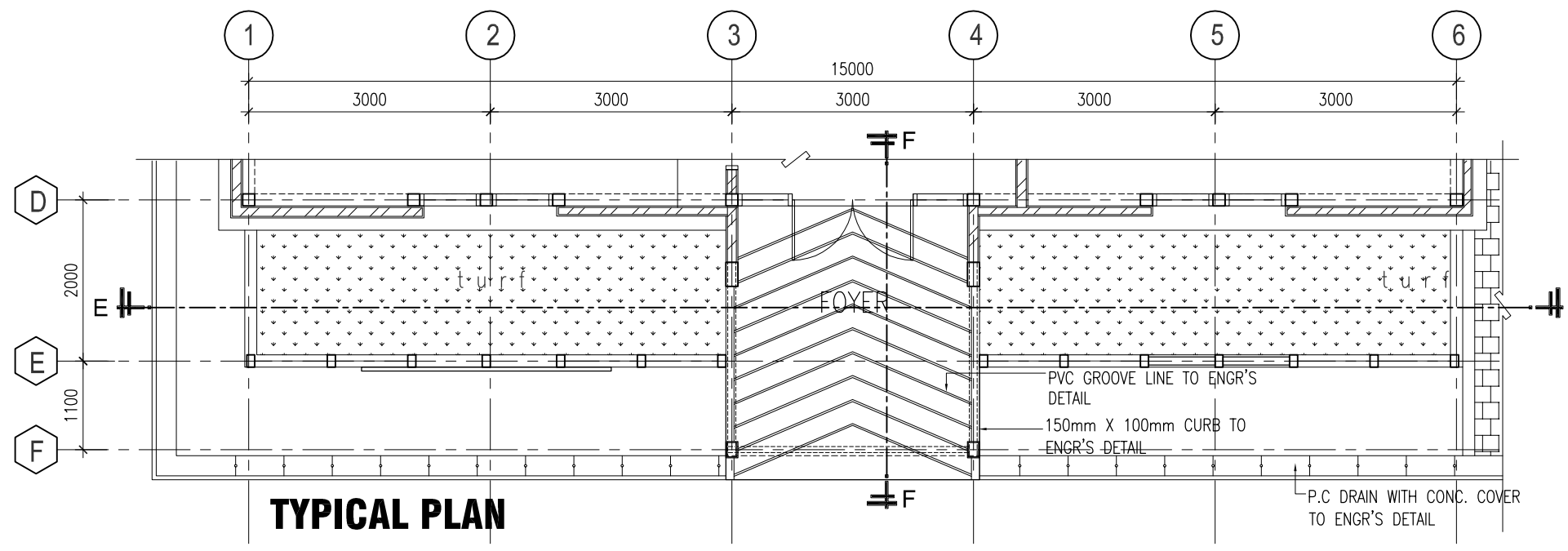
DILUKIS	-	TAJUK PROJEK	AKASHAH architect & associates sdn. bhd. 1334154-T NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05150 ALOR SETAR KEDAH DARUL AMAN TEL. +604 7307120 FAX. +604 7308120 email.akashah.archisb@gmail.com
DISEMAK	MKE	CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	
UKURAN	1 : 75	UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	
TARIKH	FEB 2025	TAJUK LUKISAN	
NAMA BANGUNAN	BLOK PUSAT PELAJAR	TYPICAL CEILING DETAIL	NO LUKISAN
			AAAsb-70-0524/MARA/IKM-SP/TC-01-01



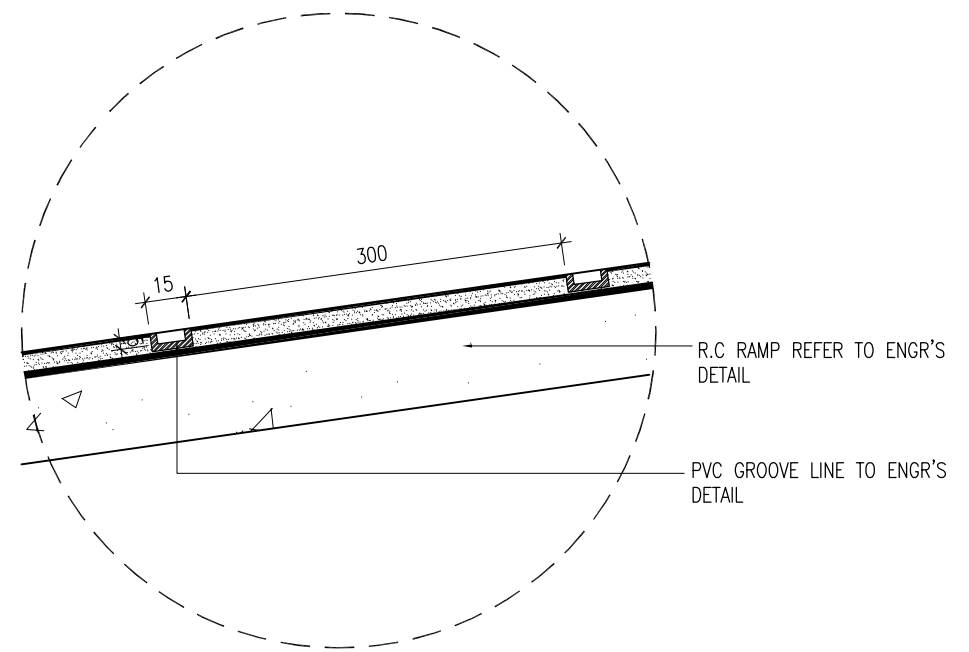
SECTION E-E



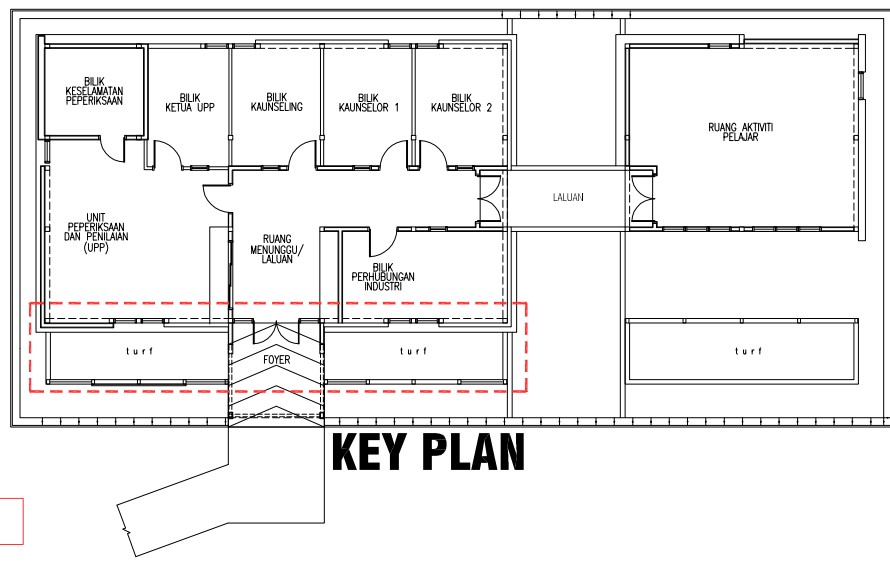
SECTION F-F



TYPICAL PLAN



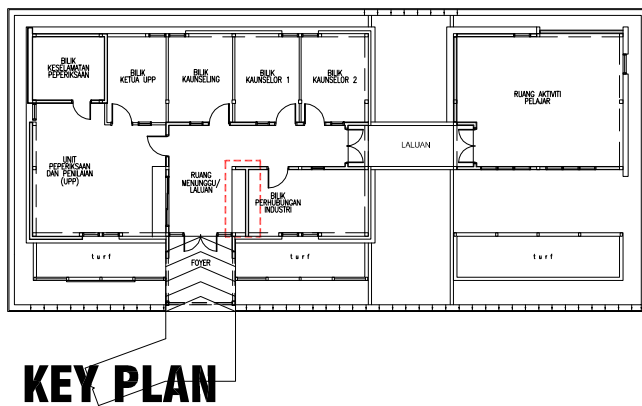
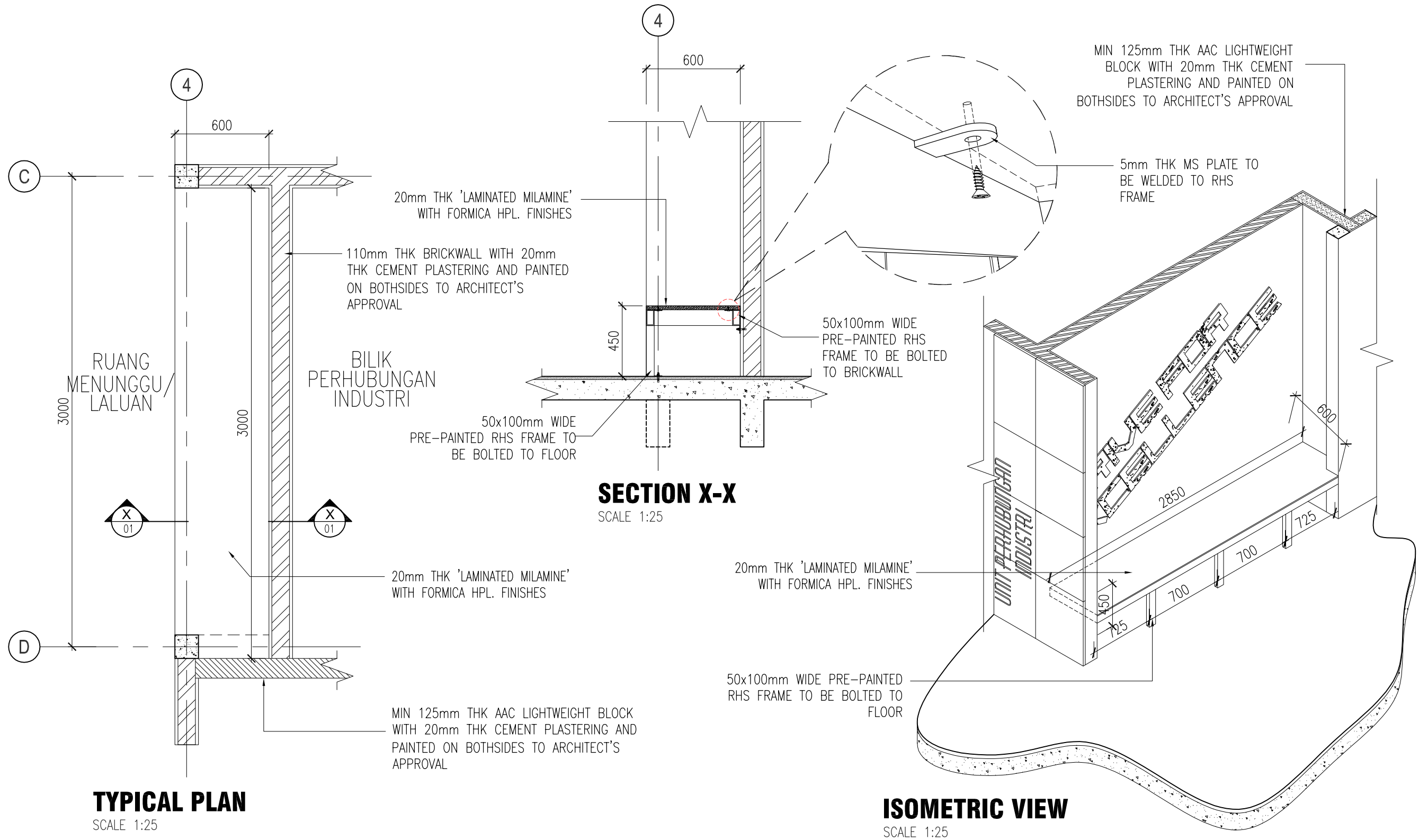
DETAIL 'A'



KEY PLAN

TENDER DRAWING

DILUKIS	RIDZ	TAJUK PROJEK	AKASHAH architect & associates sdn. bhd. 1334154-T NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05150 ALOR STAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email.akashah.archib@gmail.com
DISEMAK	MKE	CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	
UKURAN	1:75	UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	
TARIKH	FEB 2025	TAJUK LUKISAN	
NAMA BANGUNAN	PUSAT PELAJAR	PLANTER BED & RAMP - TYPICAL DETAIL	NO LUKISAN
			AAAsb-70-0524/MARA/IKM-SP/PR3-01-01



DILUKIS	ALIF	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH. UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	 1334154-7 NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05150 ALOR SETAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email.akashah.archibsb@gmail.com
DISEMAK	MKE		
UKURAN	1:25		
TARIKH	FEB 2025		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN BENCH DETAIL	NO LUKISAN AAAsh-70-0524/MARA/IKM-SP/BD-01-01

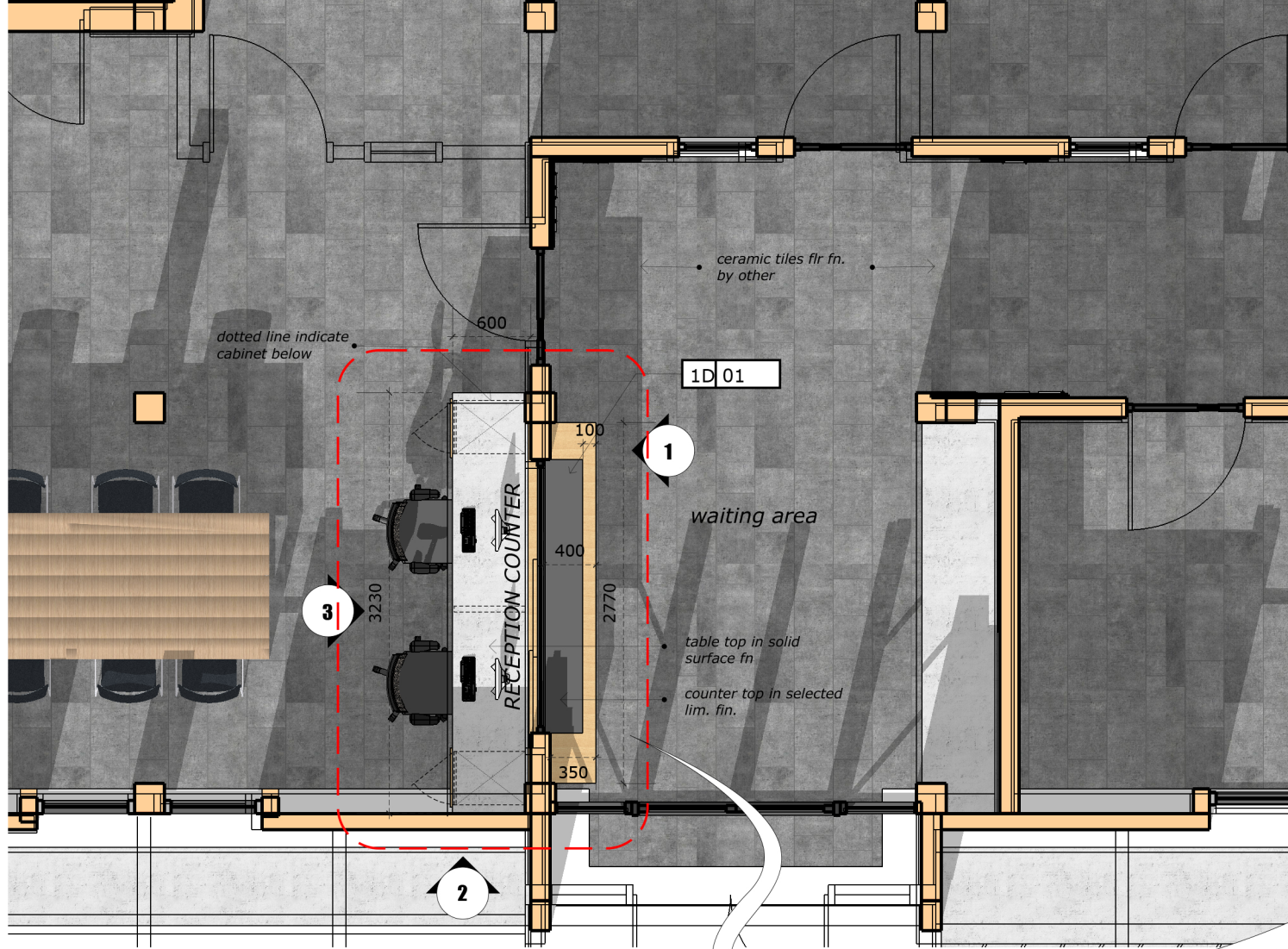
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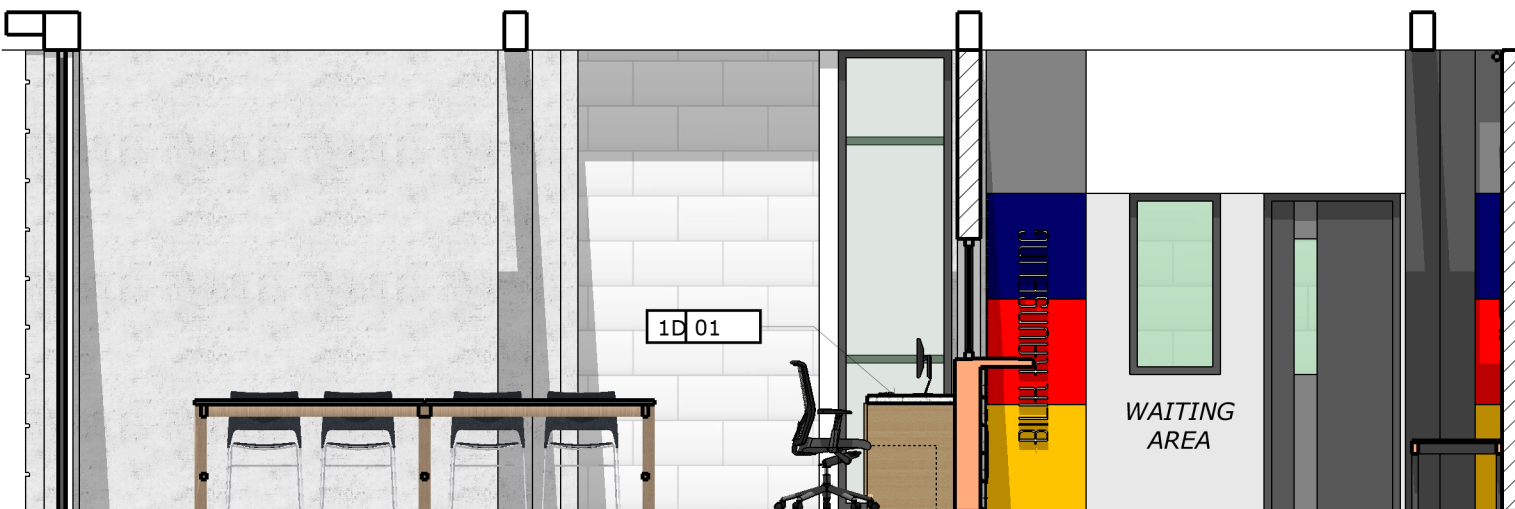
PROJECT TITLE: CADANGAN MEMBINA SEBUAH PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM), SUNGAI PETANI, KEDAH DARULAMAN. UNTUK: INSTITUT KEMAHIRAN MARA (IKM)	REVISIONS		Draw by :	Scale :
	No	Date	Check/Appr.by by :	Date : March 18, 2025
	Remarks		DRAWING TITLE:	
			RECEPTION COUNTER	
			DRAWING NO:	
			AAAsb-70-0524/MARA/IKM-SP/ID-A-1	
		THIS DRAWING IS COPYRIGHT CONTRACTOR MUST CHECK ALL DIMENSION ON SITE ONLY FIGURED DIMENSIONS ARE TO BE WORK FROM DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT & S.O. BEFORE PROCEEDING		



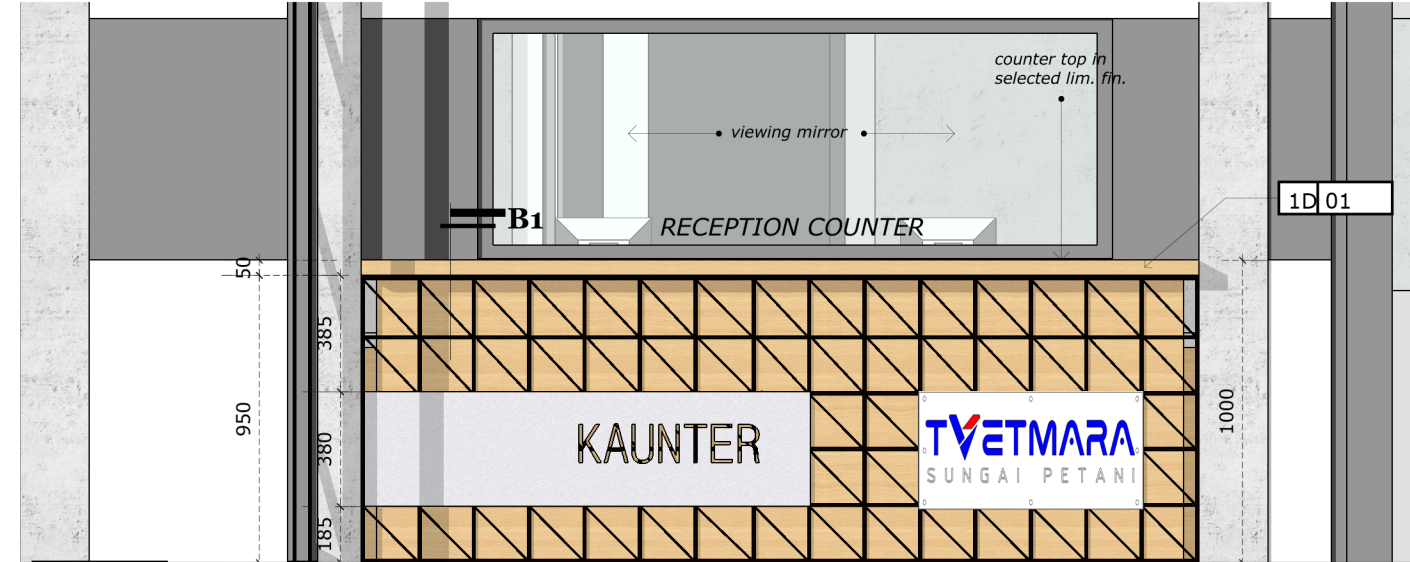
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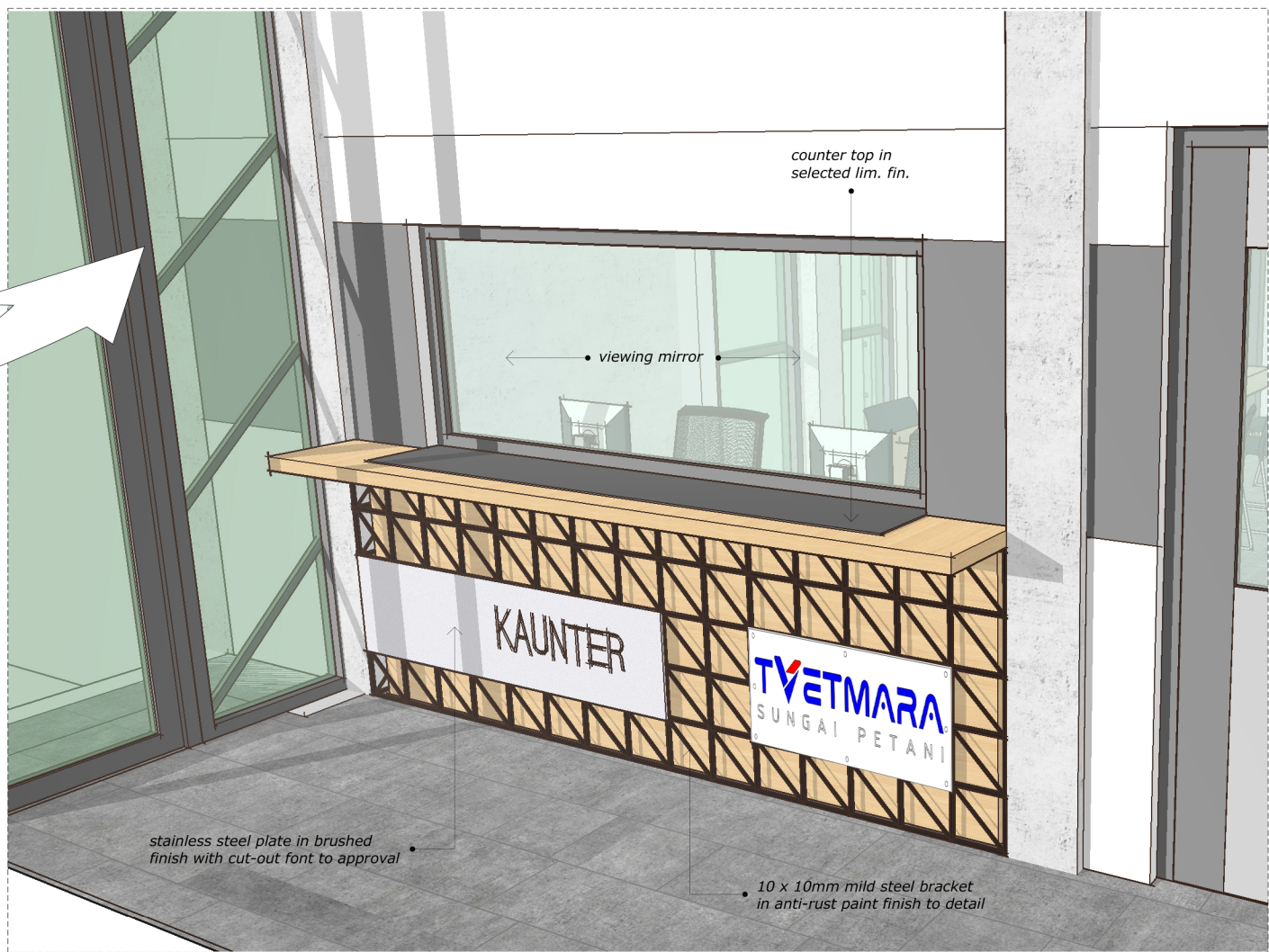
Plan
Scale: 1: 50



elevation-2
Scale: 1: 50



elevation-1
Scale: 1: 50



PROJECT TITLE:

CADANGAN MEMBINA SEBUAH PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN
DI INSTITUT KEMAHIRAN MARA (IKM), SUNGAI PETANI, KEDAH DARULAMAN.

UNTUK: INSTITUT KEMAHIRAN MARA (IKM)

REVISIONS

No	Date	Remarks
1	__/__/__	...
2	__/__/__	...
3	__/__/__	...
4	__/__/__	...

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CONTRACTOR MUST CHECK ALL DIMENSION ON SITE
ONLY FIGURED DIMENSIONS ARE TO BE WORK FROM
DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO
THE ARCHITECT & S.O. BEFORE PROCEEDING

Draw by :
Check/Appr. by :
Scale :
Date : March 18, 2025

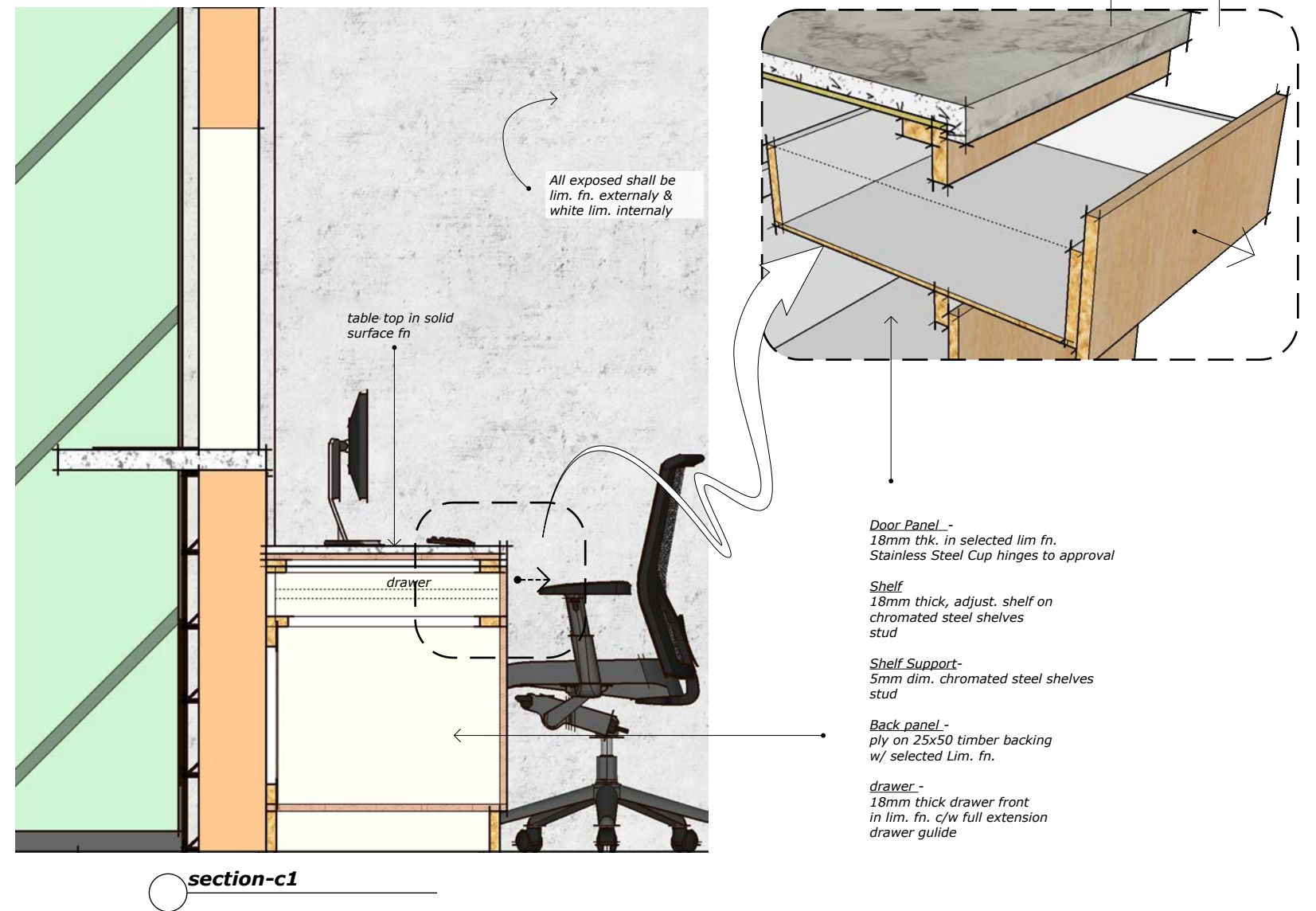
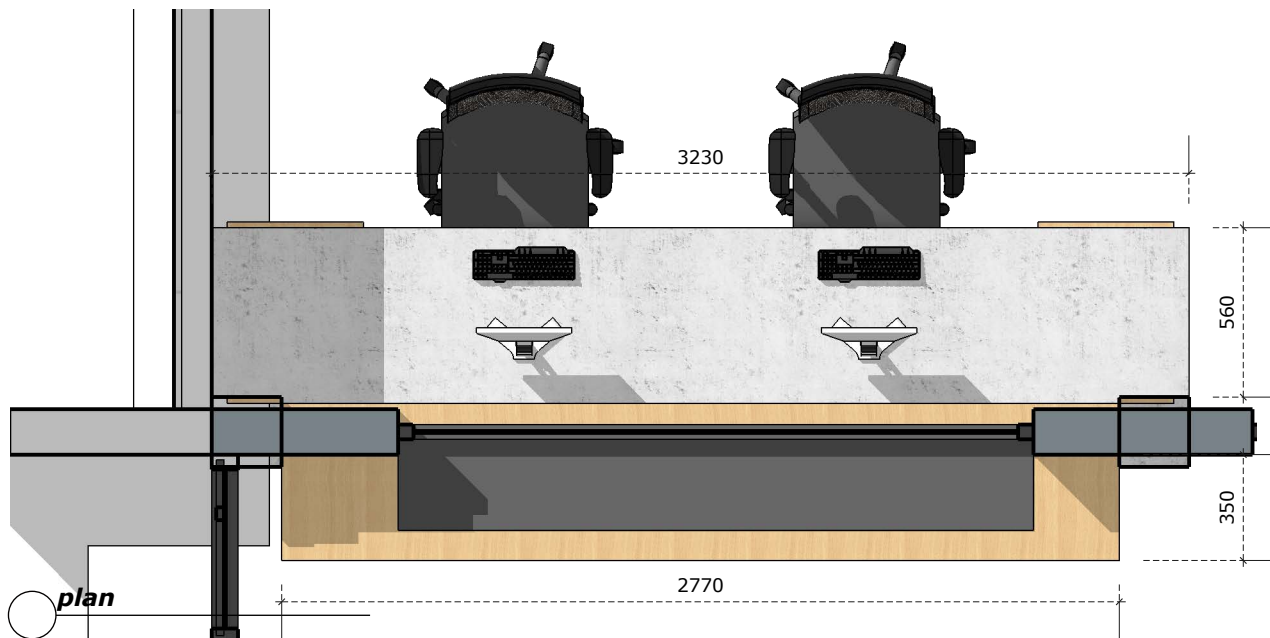
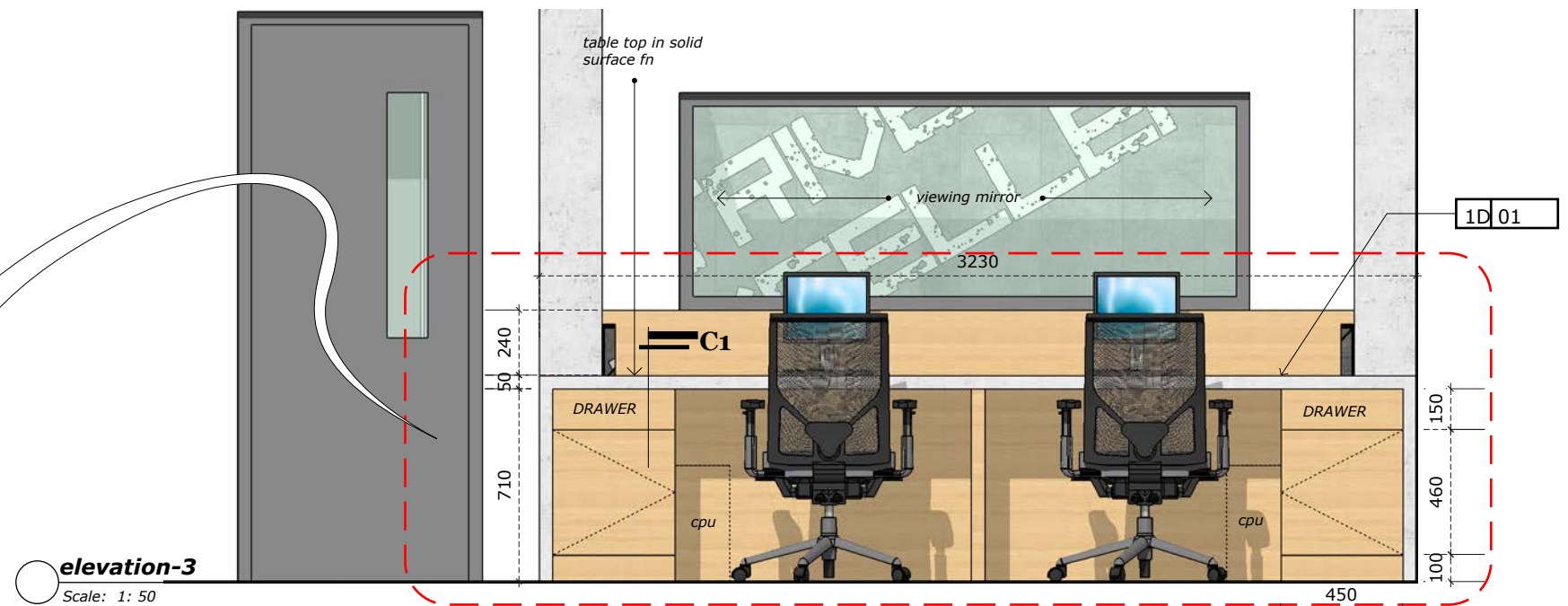
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RECEPTION COUNTER

DRAWING NO:
AAA**sb**-70-0524/MARA/IKM-SP/ID-A-2



SHEET NO:

A0.2



PROJECT TITLE:

CADANGAN MEMBINA SEBUAH PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN
DI INSTITUT KEMAHIRAN MARA (IKM), SUNGAI PETANI, KEDAH DARULAMAN.

UNTUK: INSTITUT KEMAHIRAN MARA (IKM)

REVISIONS

No	Date	Remarks
1	__/__/__	...
2	__/__/__	...
3	__/__/__	...
4	__/__/__	...

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DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO
THE ARCHITECT & S.O. BEFORE PROCEEDING

Draw by :
Check/Appr. by :

Scale :
Date : March 18, 2025

DRAWING TITLE:

RECEPTION COUNTER

DRAWING NO:

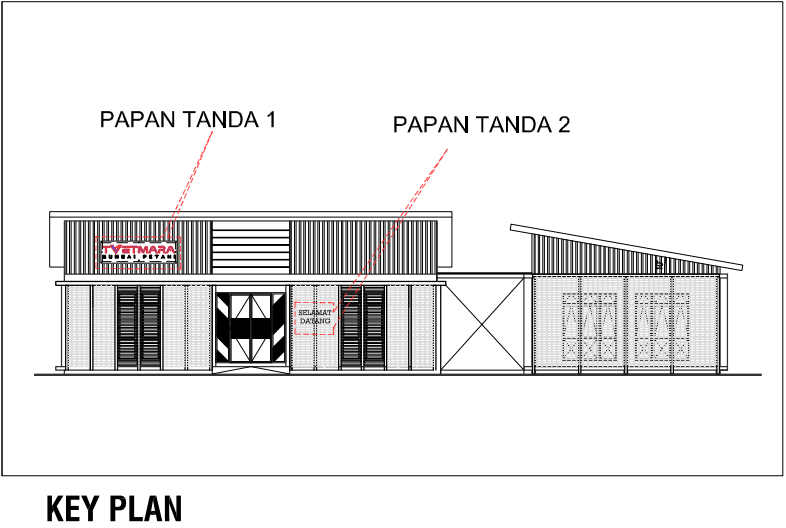
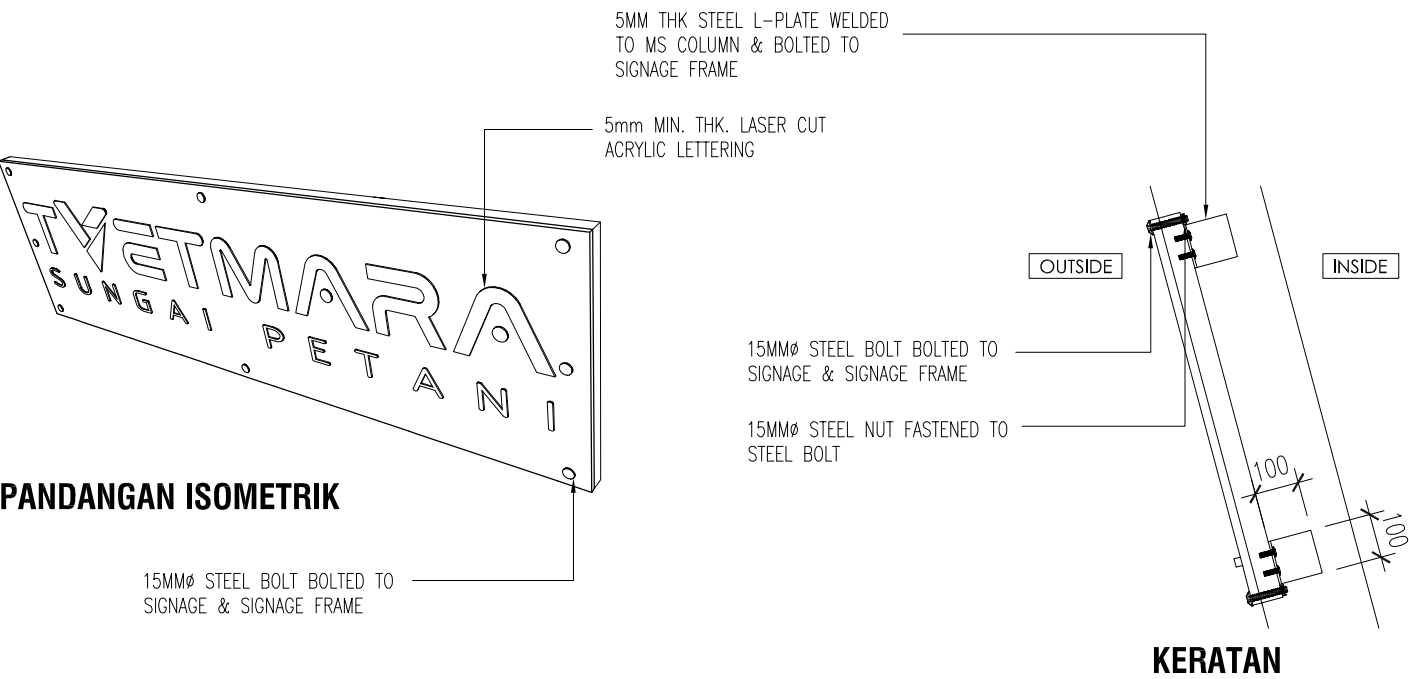
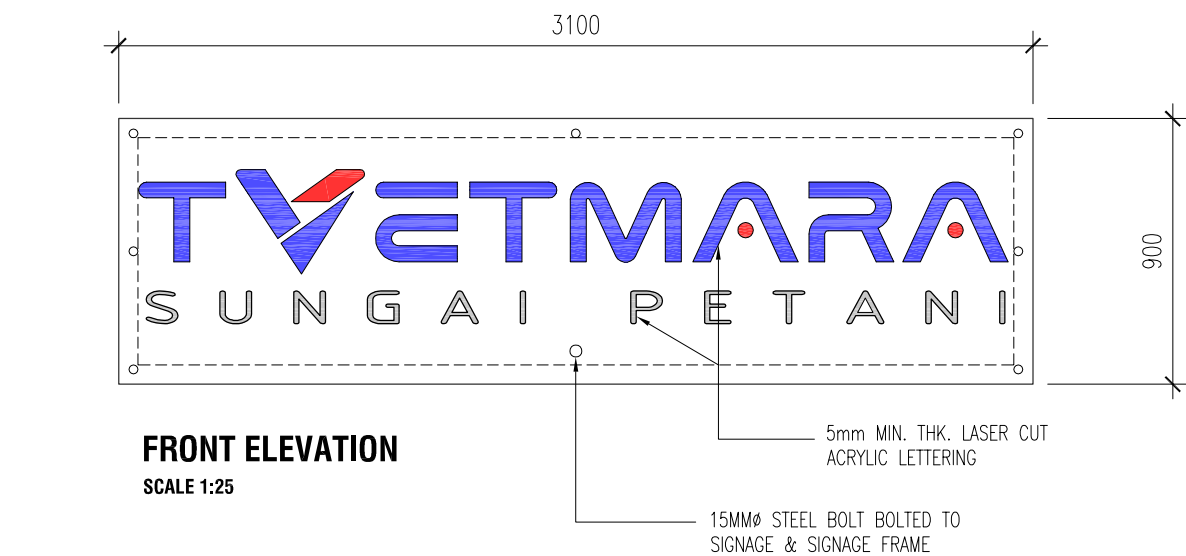
AAAsb-70-0524/MARA/IKM-SP/ID-A-3



SHEET NO:

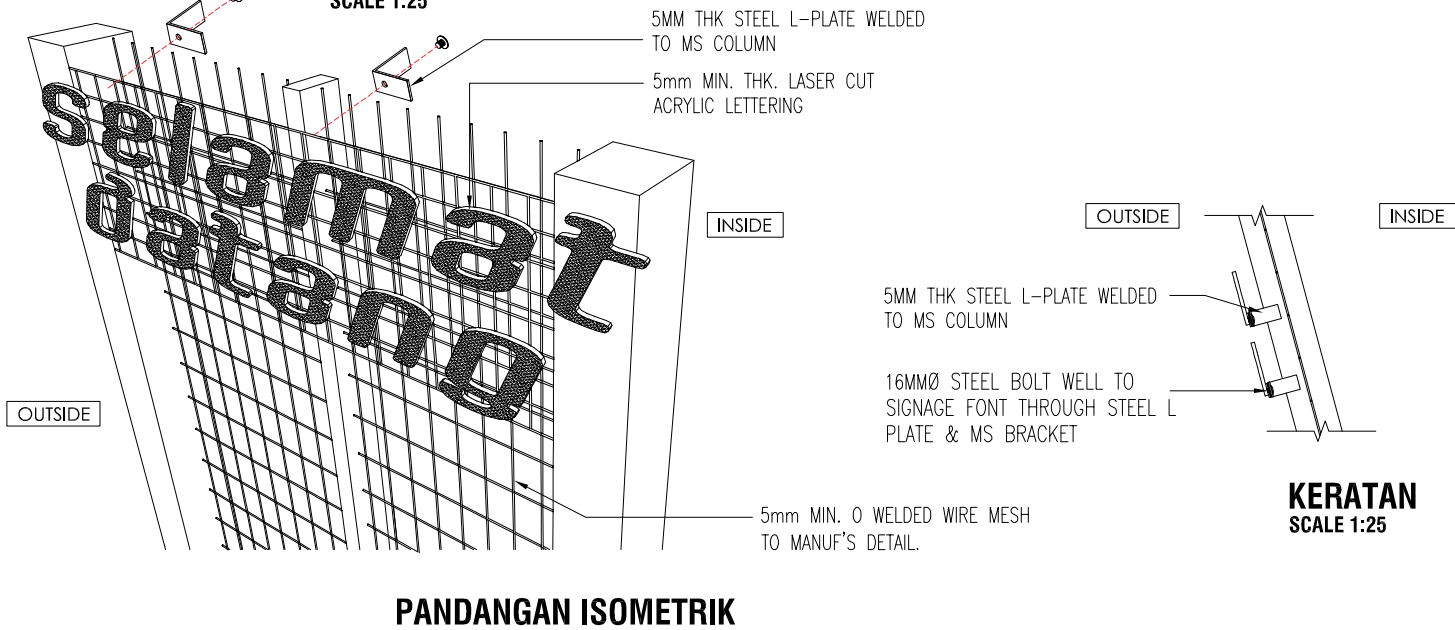
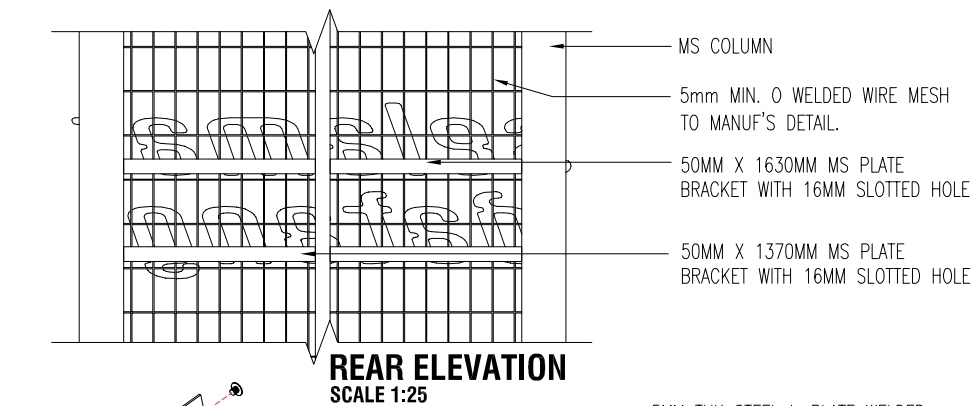
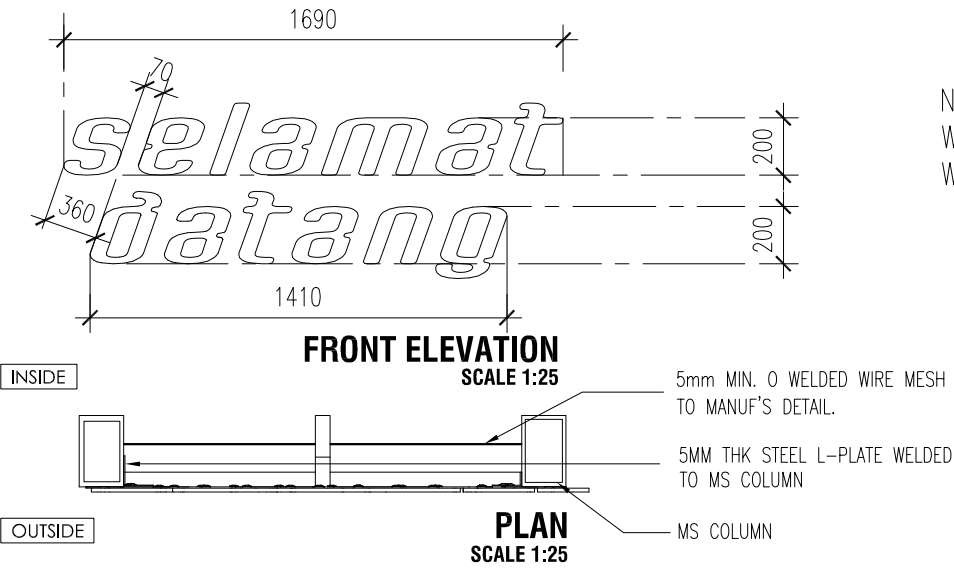
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PAPAN TANDA 1



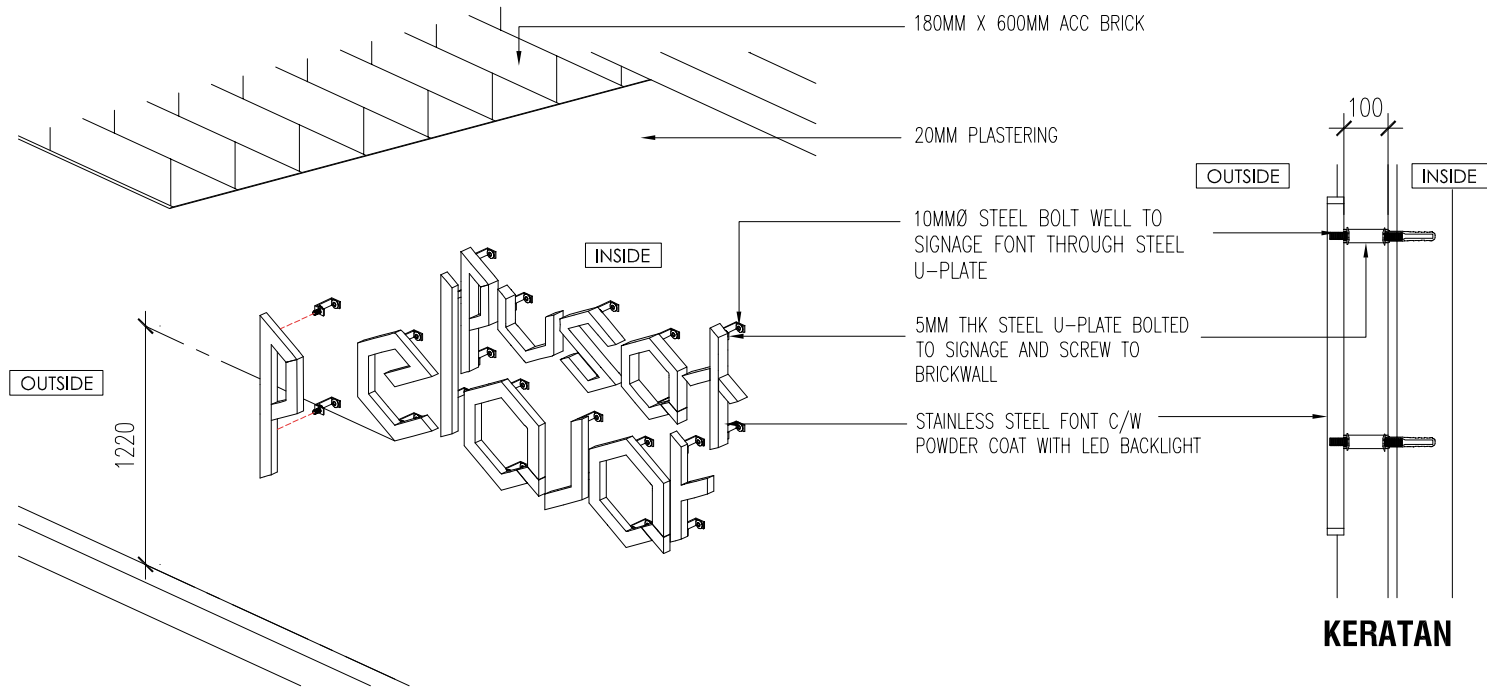
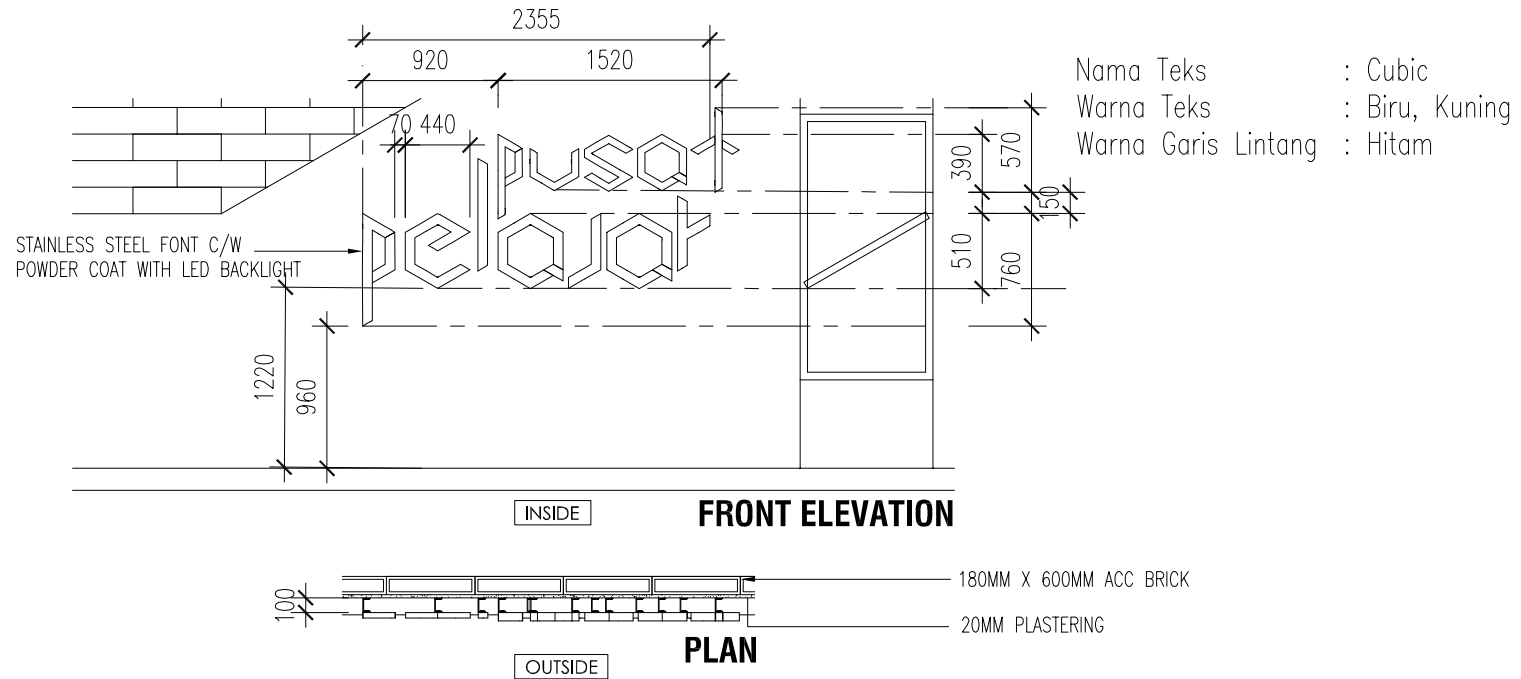
TENDER DRAWING

PAPAN TANDA 2

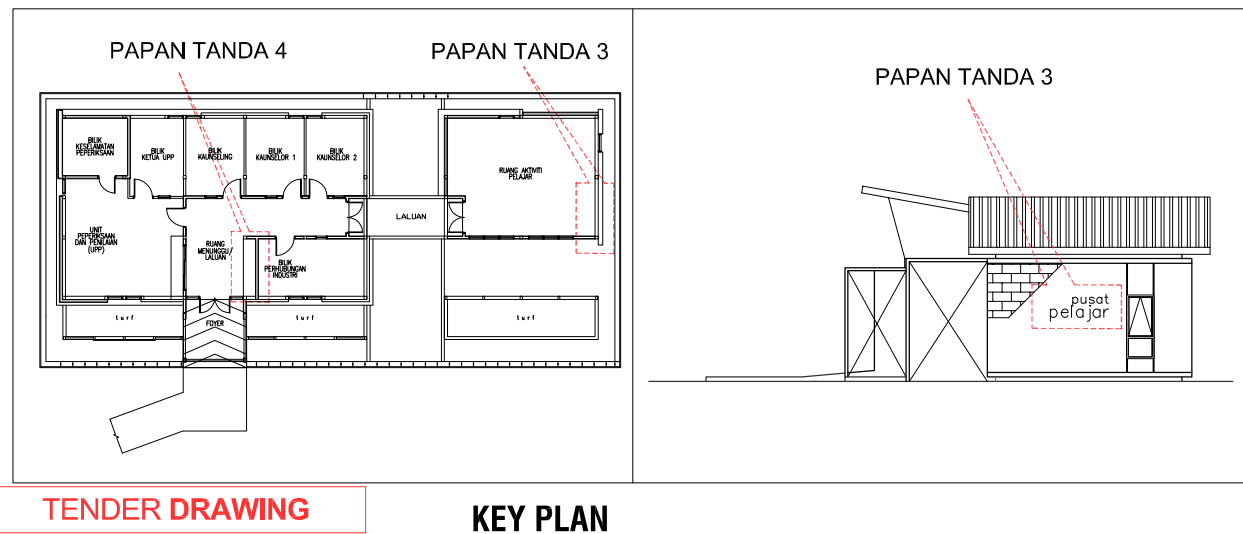


DILUKIS	RZL	TAJUK PROJEK	AKASHAH ARCHITECT & ASSOCIATES SDN. BHD. NO. 4006 LORONG 1 TAMAN PRNK JALAN TUN ABDUL RAZAK 05200 ALOR STAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email: akashah.archsb@gmail.com
DISEMAK	MKE	CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	
UKURAN	1 : 50	UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	
TARIKH	MAY 2026		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN SIGNAGE DETAIL 01	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/SD-01-01

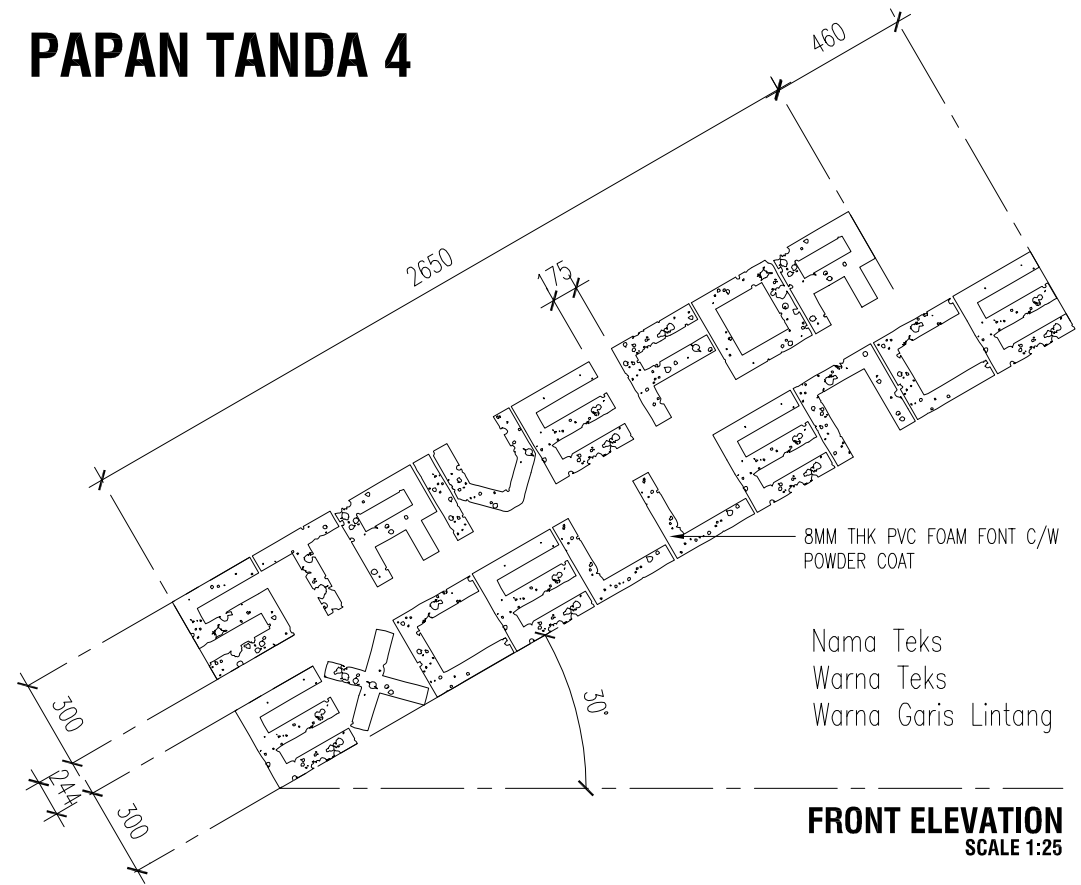
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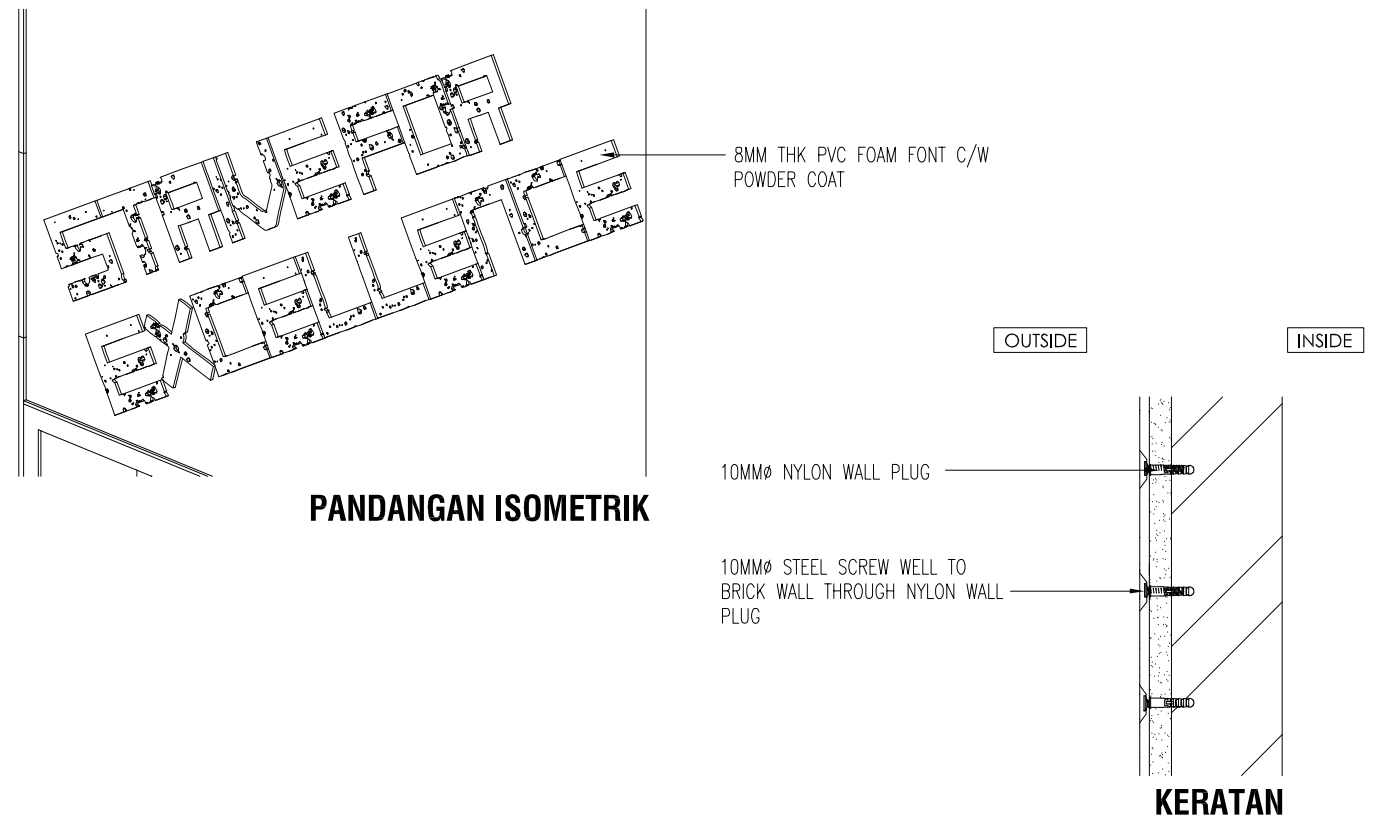
PANDANGAN ISOMETRIK



PAPAN TANDA 4



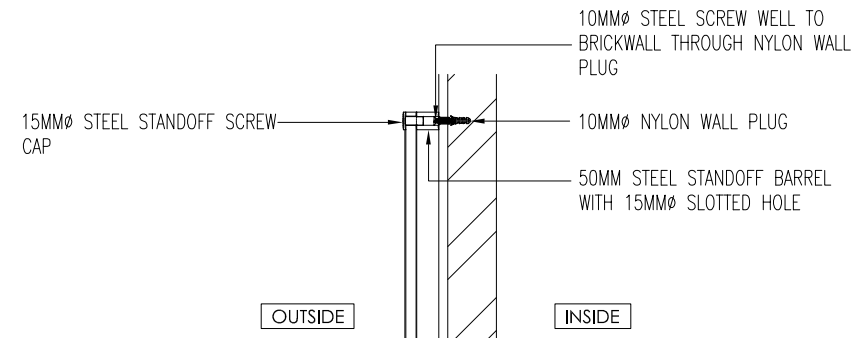
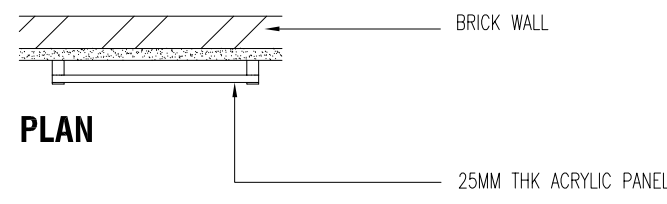
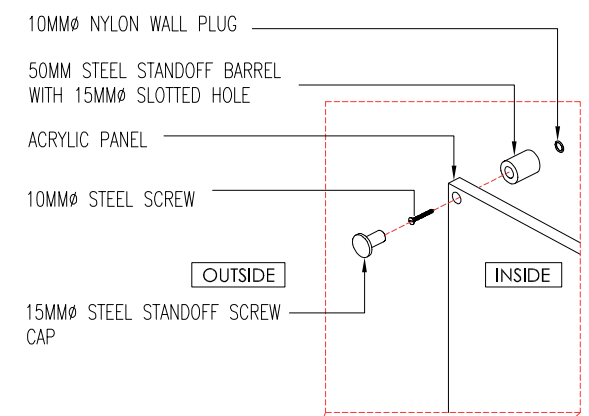
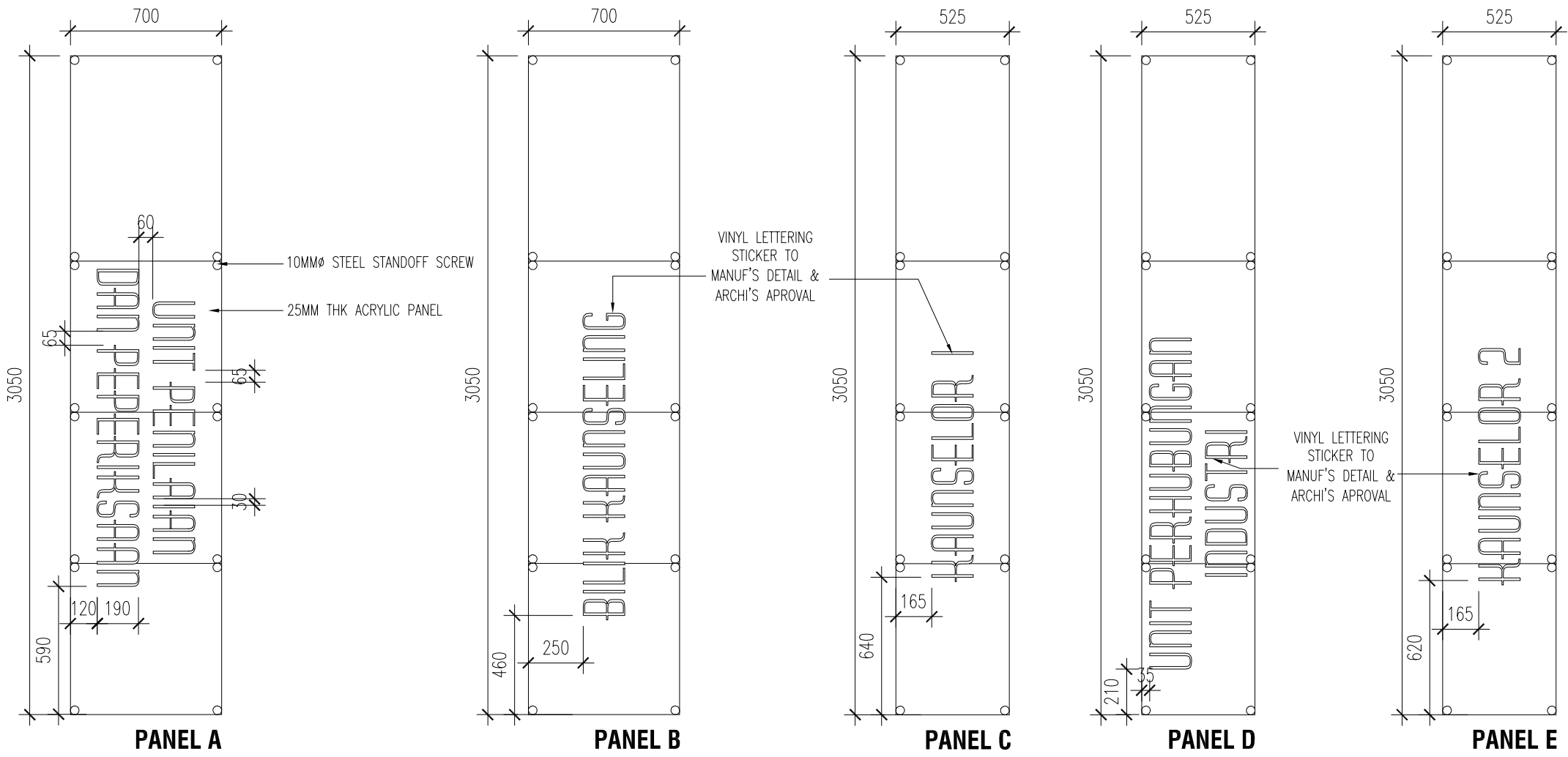
FRONT ELEVATION
SCALE 1:25



KERATAN

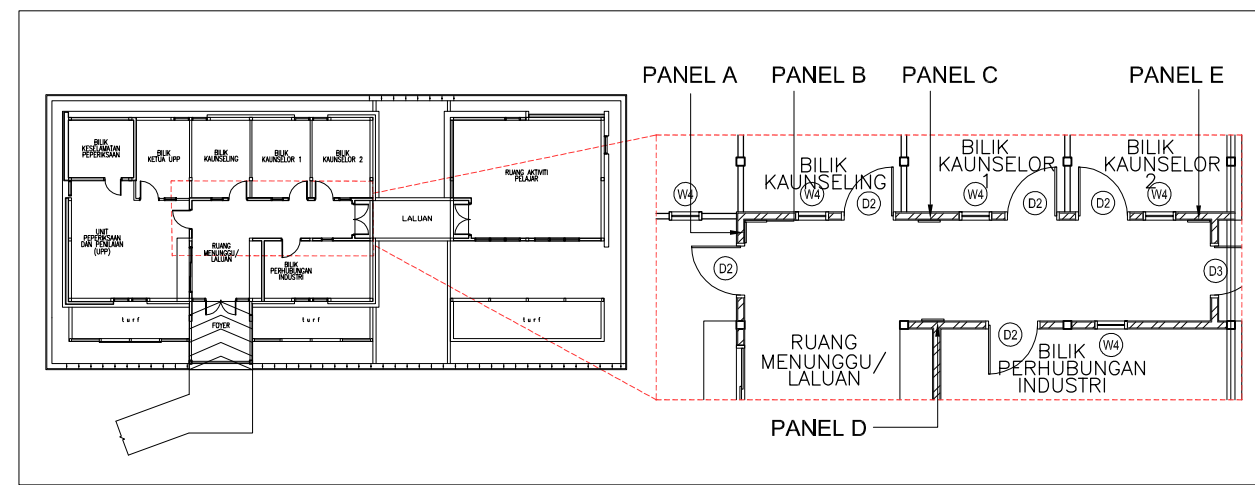
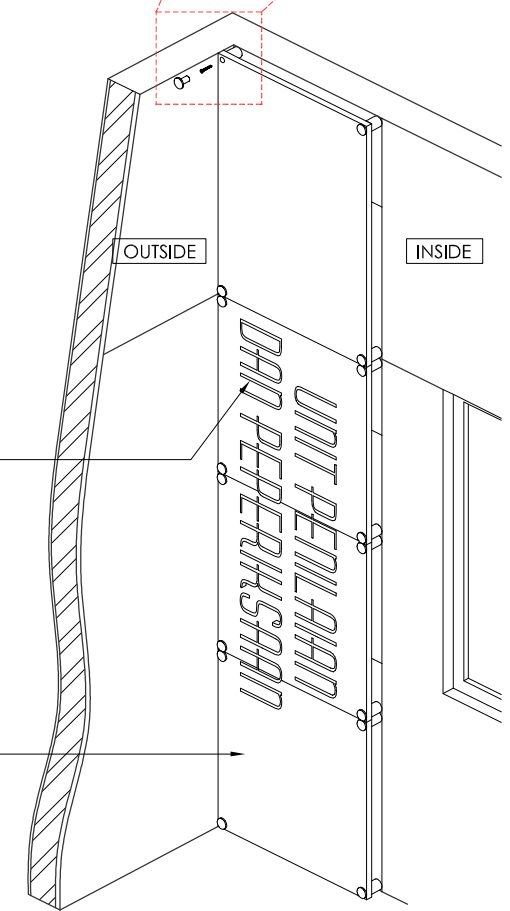
DILUKIS	RZL	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKtarAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	 NO. 4006 LORONG 1 TAMAN PINKI JALAN TUN ABDUL RAZAK 05200 ALOR STAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email: akashah.archsb@gmail.com
DISEMAK	MKE		
UKURAN	1 : 50		
TARIKH	MAY 2026		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN SIGNAGE DETAIL 02	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/SD-01-01

PAPAN TANDA 5



VINYL LETTERING STICKER TO MANUF'S DETAIL & ARCHI'S APROVAL

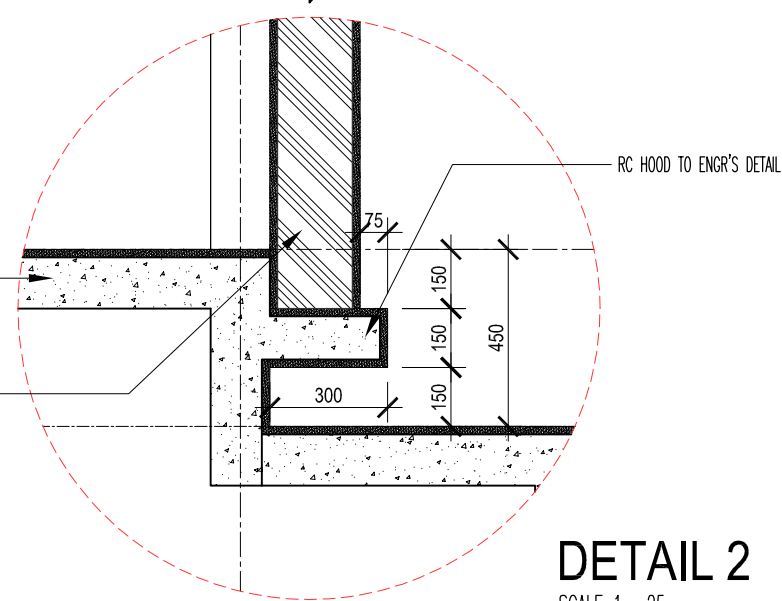
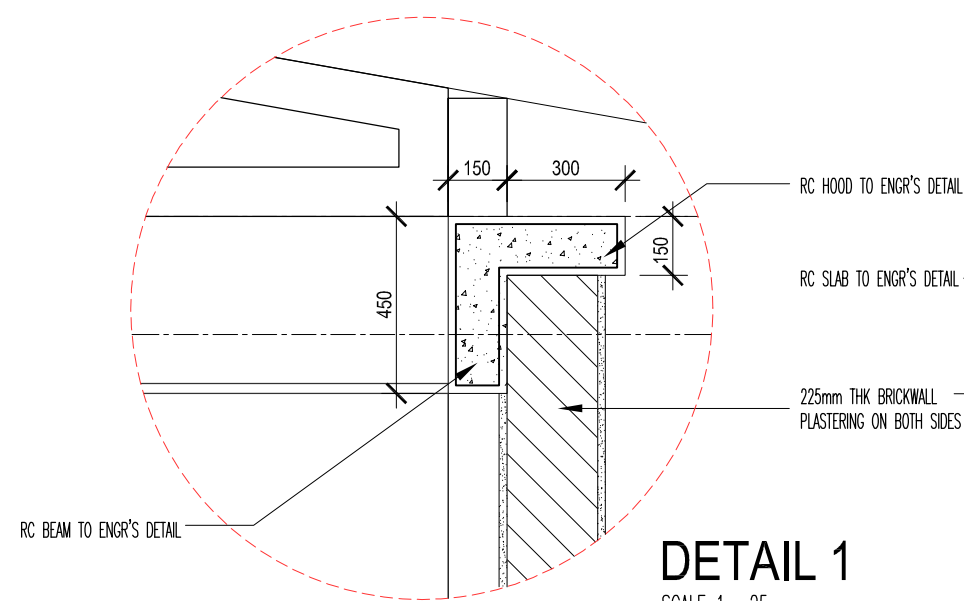
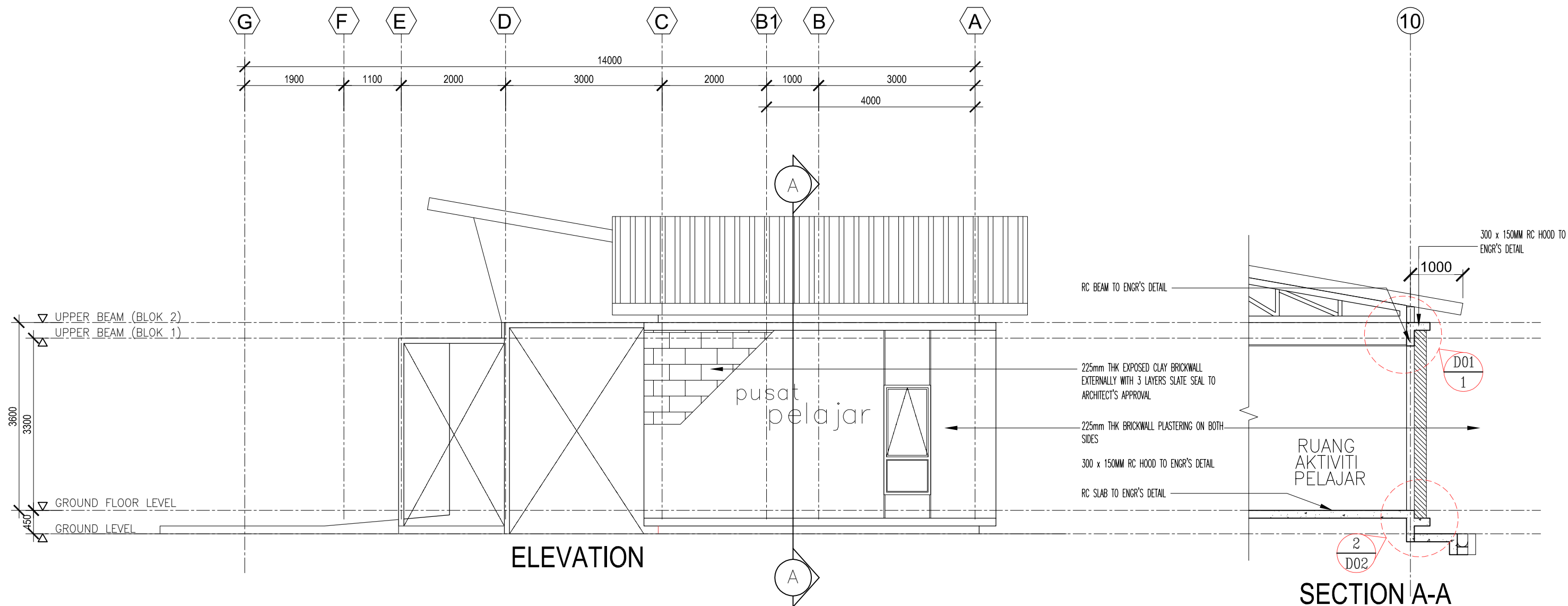
8mm THK. MIN. ACRYLIC PANEL TO MANUF'S DETAIL



KERATAN

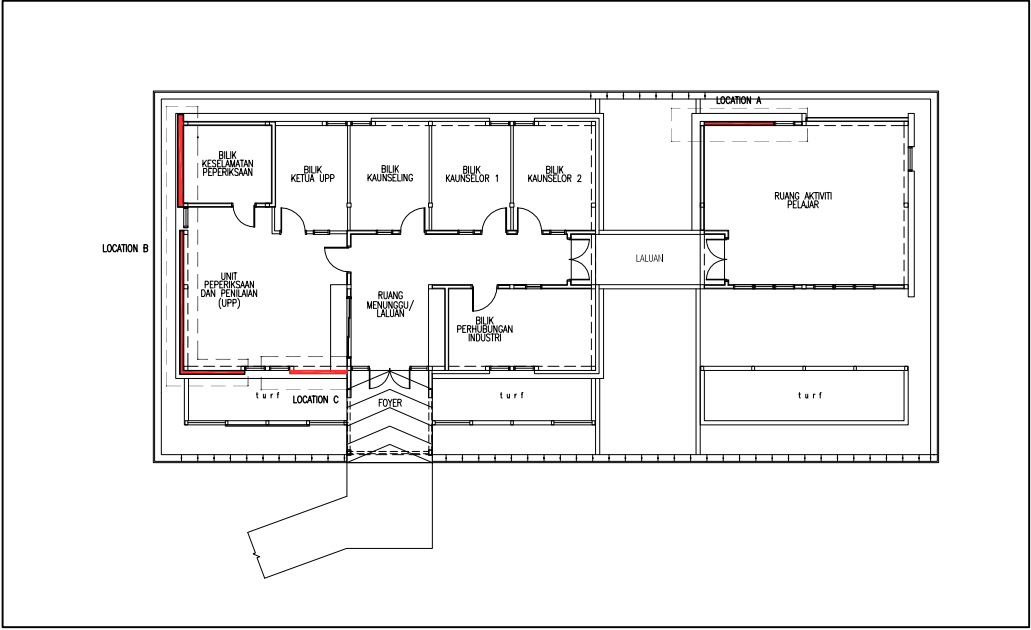
PANDANGAN ISOMETRIK

DILUKIS	RZL	TAJUK PROJEK	 NO. 4006 LORONG 1 TAMAN PRNK JALAN TUN ABDUL RAZAK 13341541 05200 ALOR STAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email: akashah.archsb@gmail.com
DISEMAK	MKE	CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	
UKURAN	1 : 25	UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	
TARIKH	MAY 2026		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN SIGNAGE DETAIL 03	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/SD-01-01

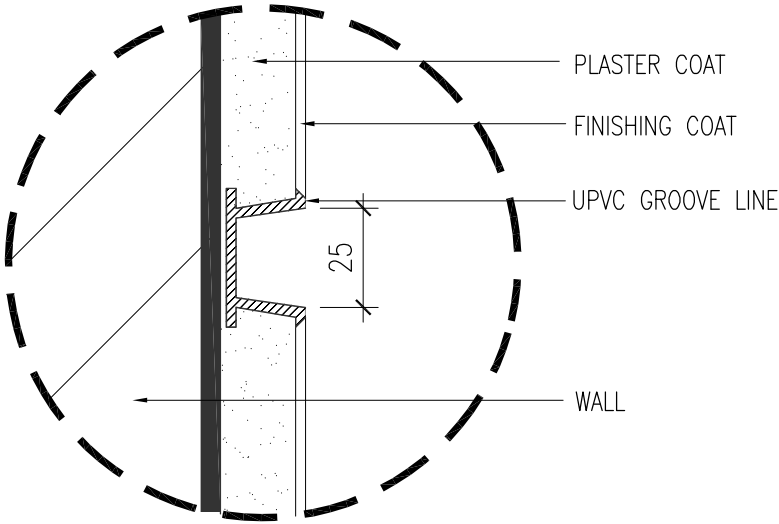


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DISEMAK	MKE		
UKURAN	1 : 75		
TARIKH	FEB 2025		
NAMA BANGUNAN PUSAT PELAJAR		UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/BW-01-01
		TAJUK LUKISAN BRICK WALL DETAIL	

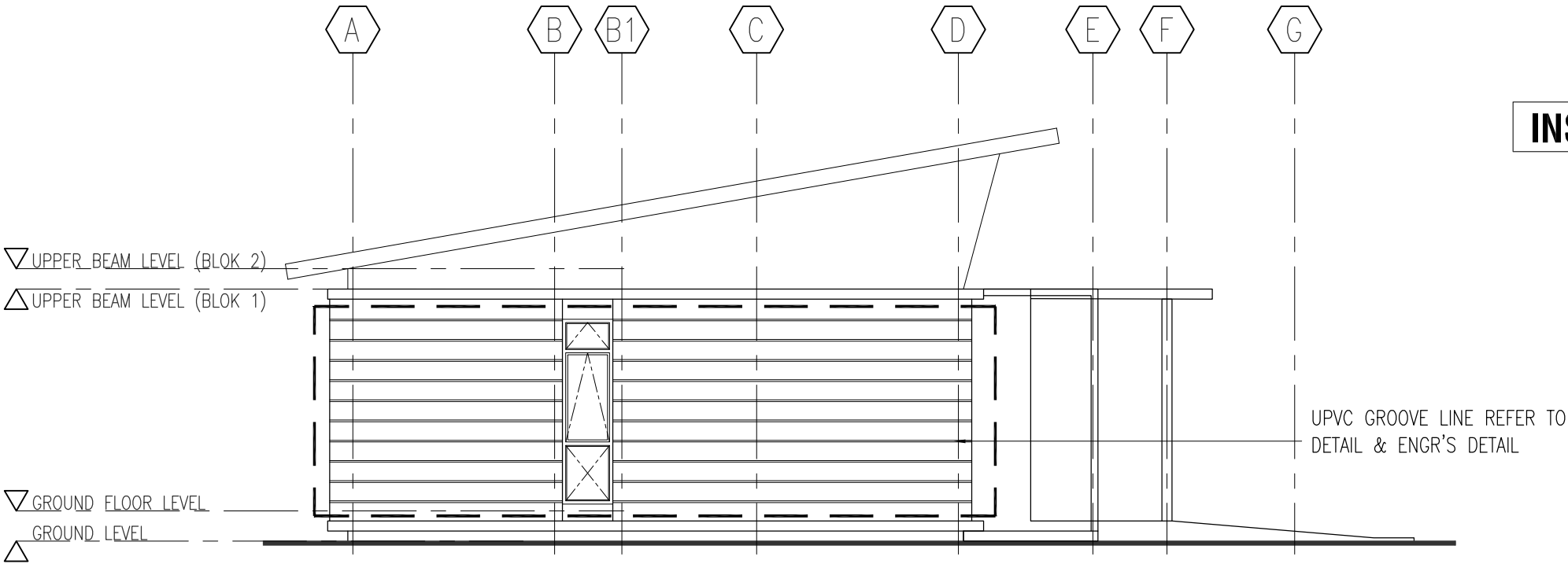
TENDER DRAWING



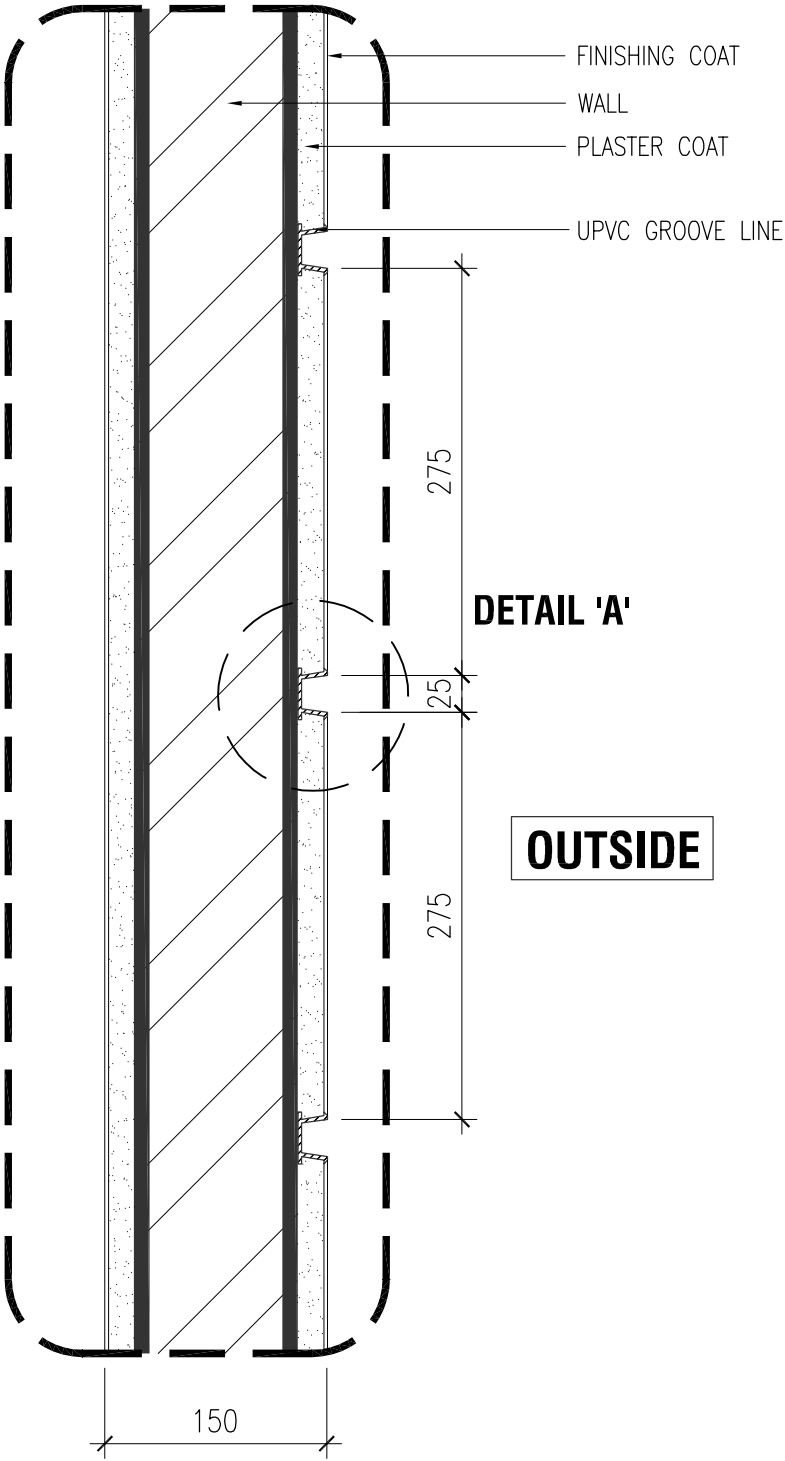
KEY PLAN
NTS



DETAIL 'A'
N.T.S



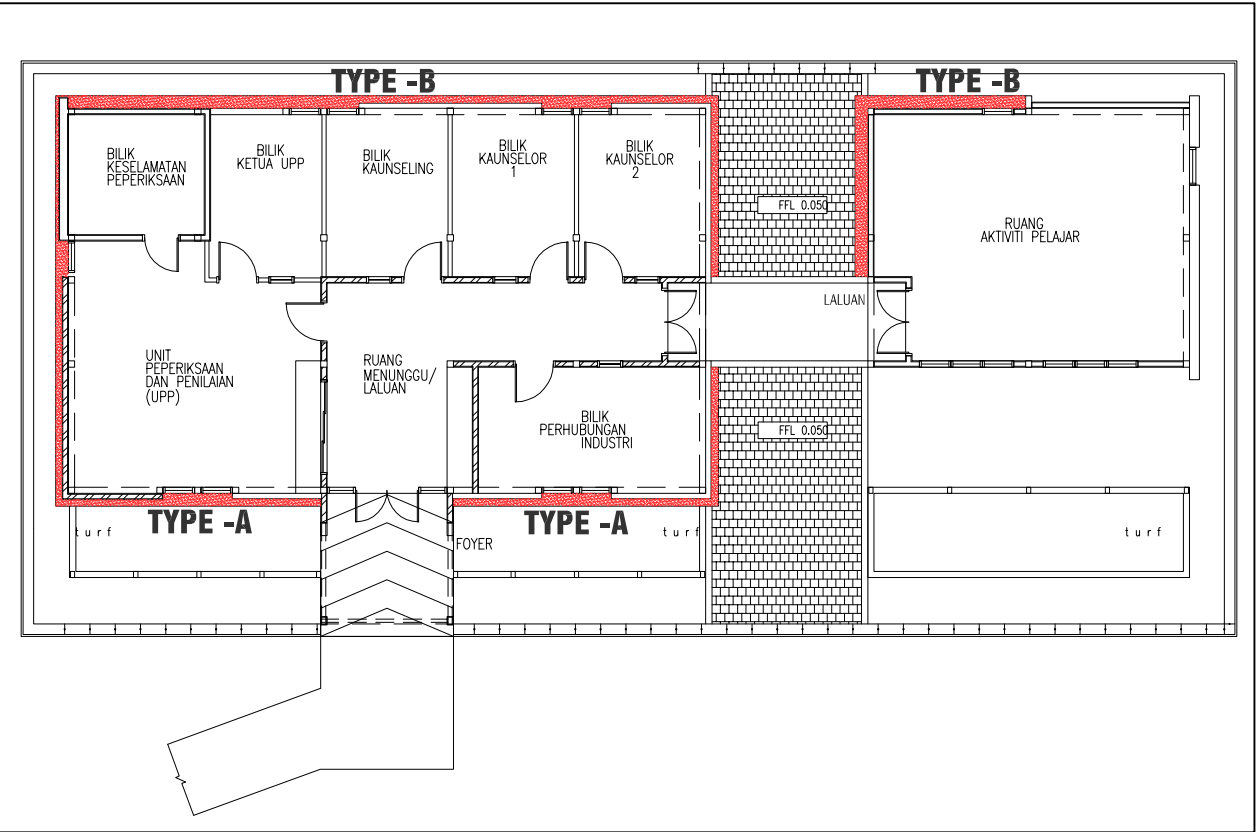
ELEVATION
NTS



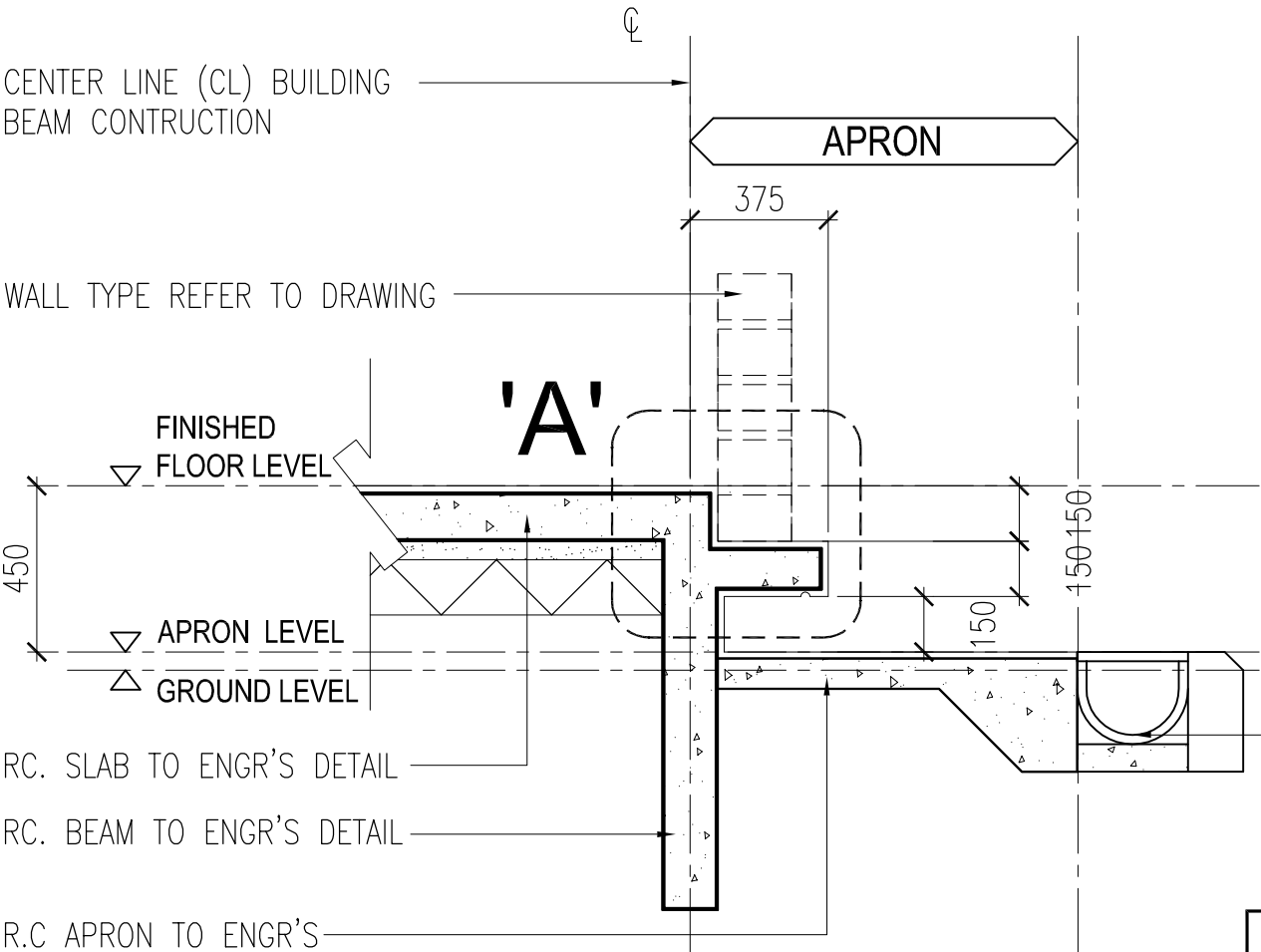
TYPICAL SECTION
SCALE 1:5

TENDER DRAWING

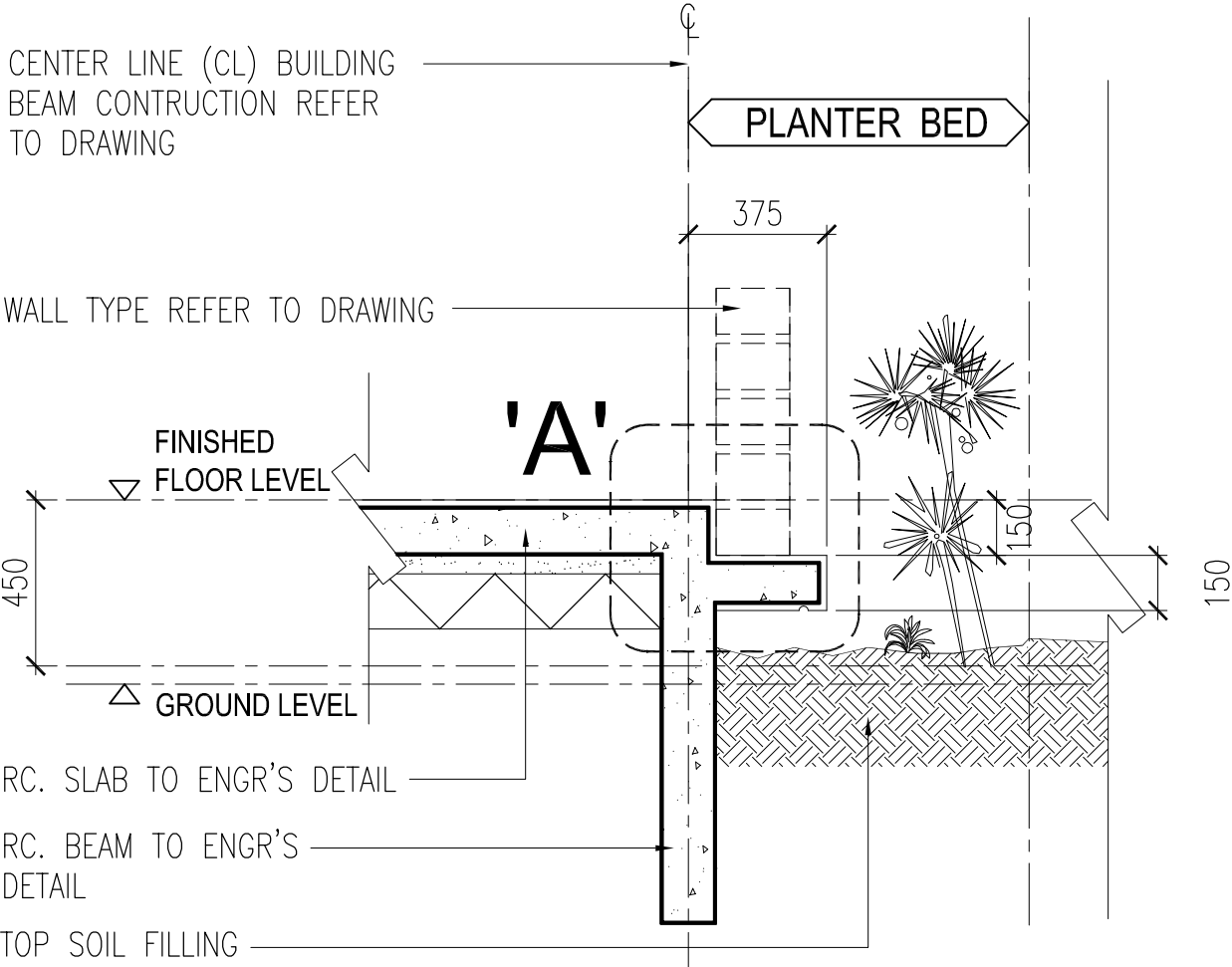
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DISEMAK	MKE		
UKURAN	1:50		
TARIKH	MAY 2026		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN GROOVE LINE - TYPICAL DETAIL	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/GL-01-01



KEY PLAN
N.T.S



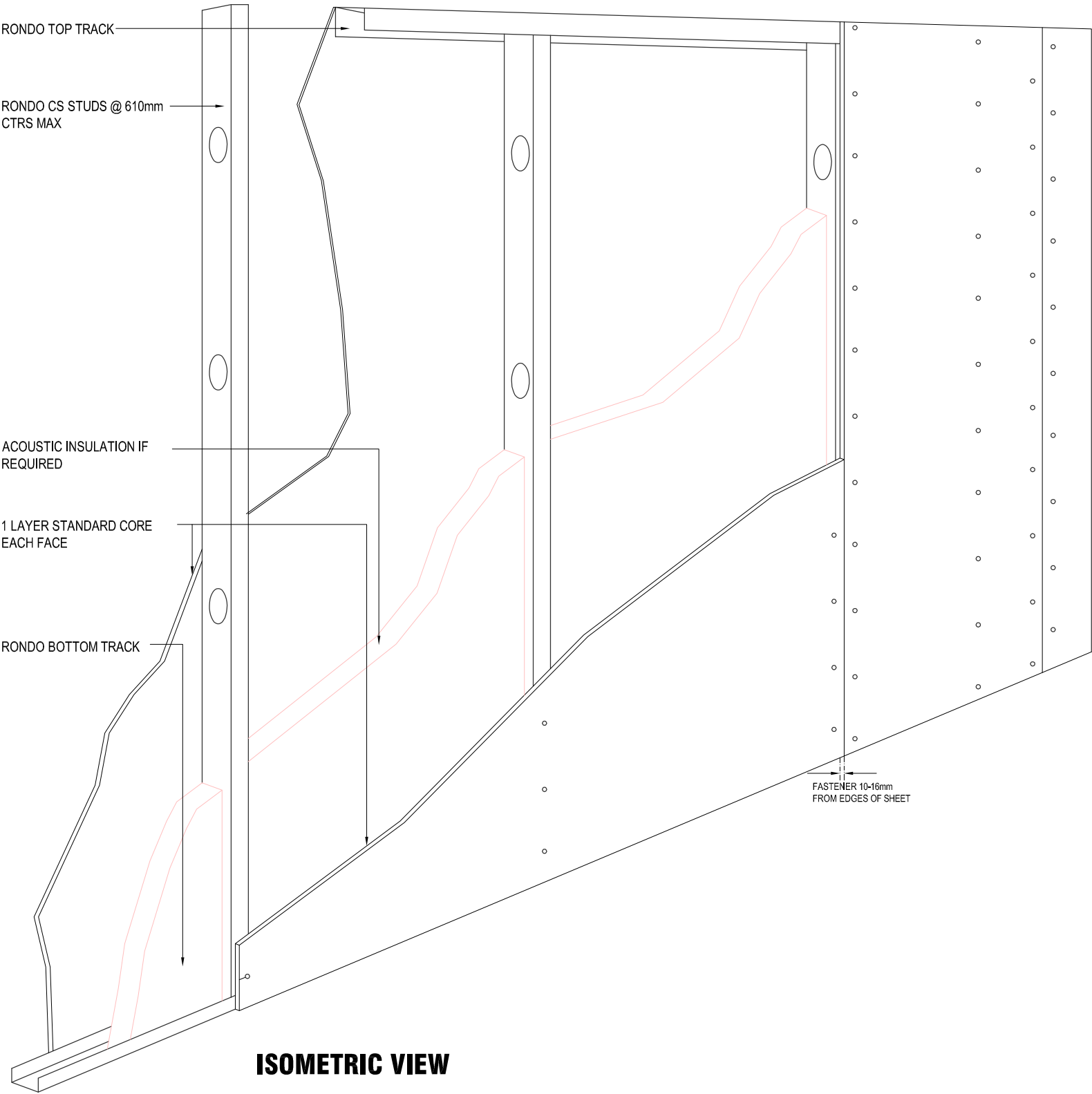
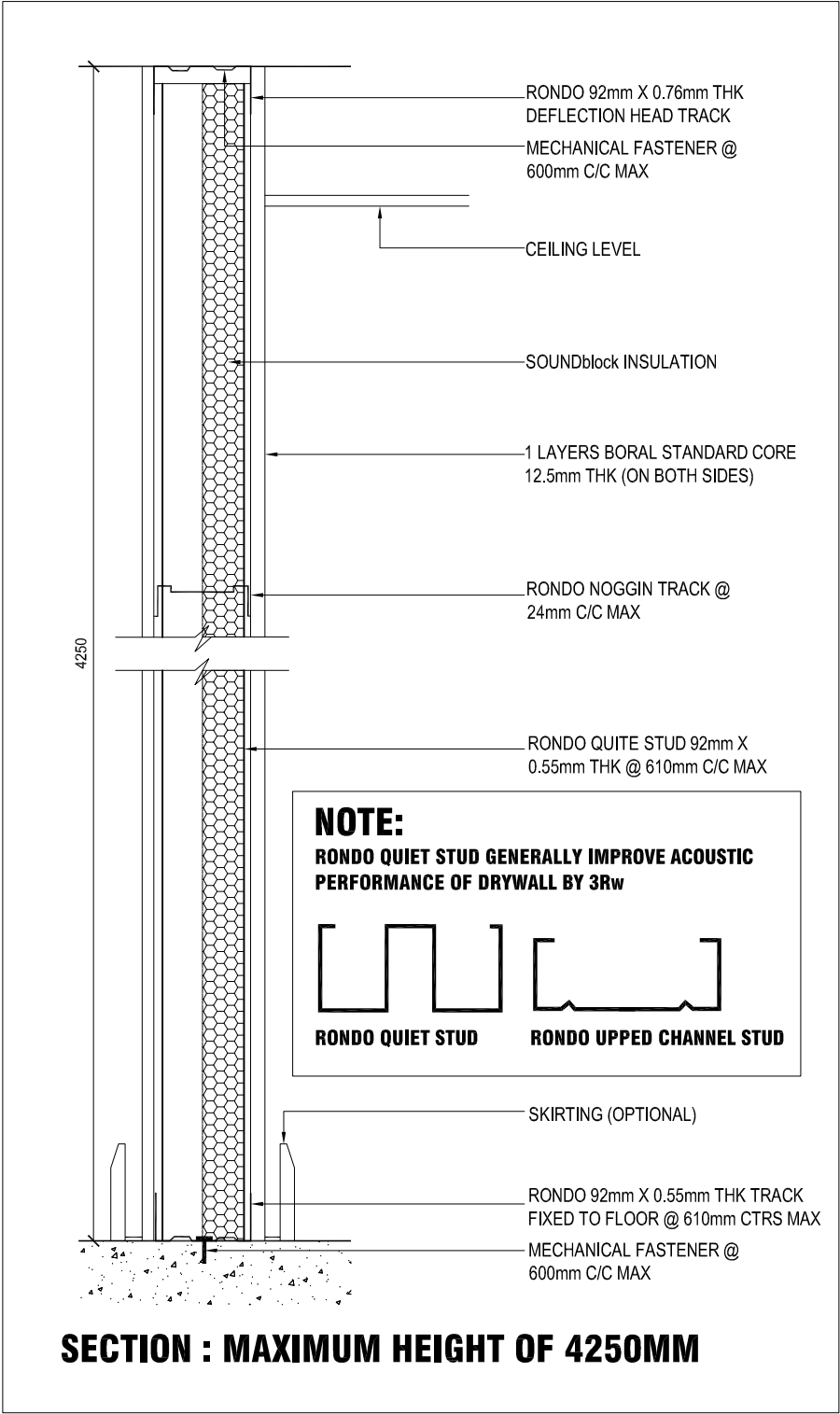
TYPICAL SECTION TYPE 'B'



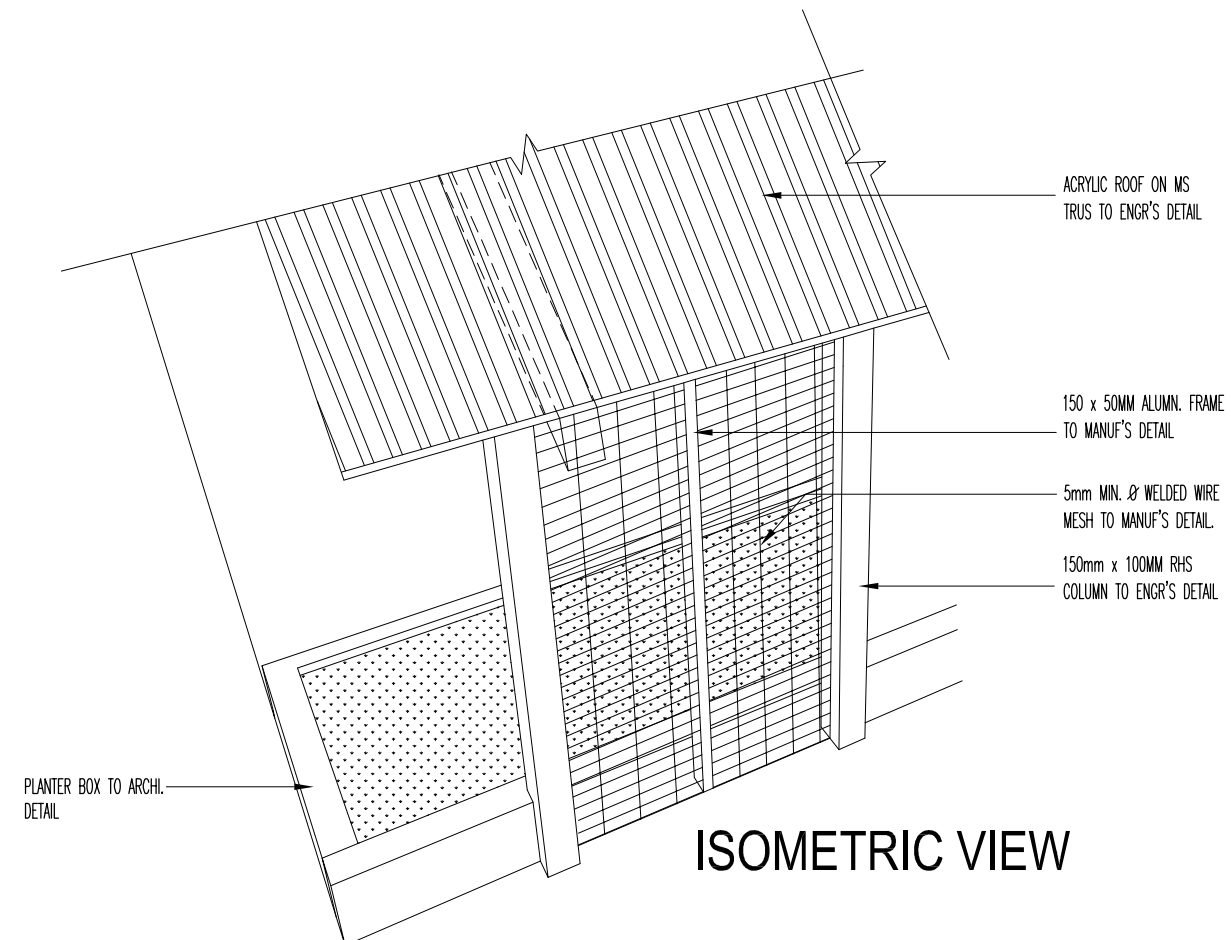
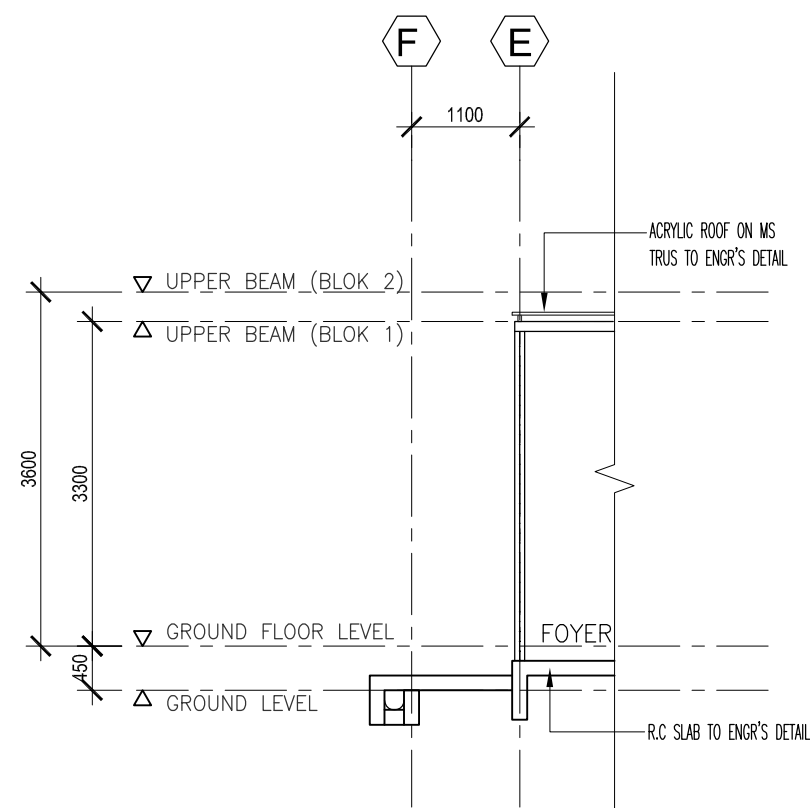
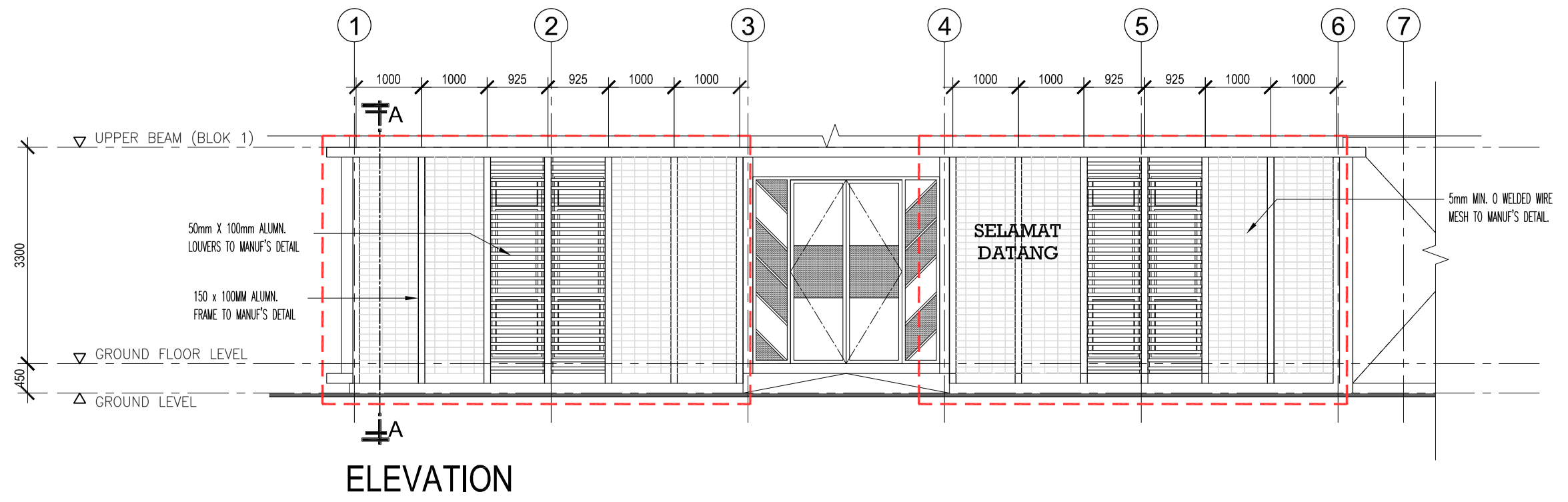
TYPICAL SECTION TYPE 'A'

TENDER DRAWING

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DISEMAK	MKE		
UKURAN	1:20		
TARIKH	FEB 2025		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN EXTENDED SLAB DETAIL & PLANTER BED- TYPICAL DETAIL	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/ESD-01-01



DILUKIS	RZL	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH. UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	 NO. 4006 LORONG 11 TAMAN PKWK JALAN TUN ABDUL RAZAK 05150 A L O R S E T A R K E D A H DARUL AMAN TEL. +604 7307120 FAX. +604 7308120 email.akashah.archtsh@gmail.com
DISEMAK	MKE		
UKURAN	NTS		
TARIKH	FEB 2025		
NAMA BANGUNAN PUSAT PELAJAR		TAJUK LUKISAN DRYWALL PARTITON - TYPICAL DETAIL	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/DP-01-01

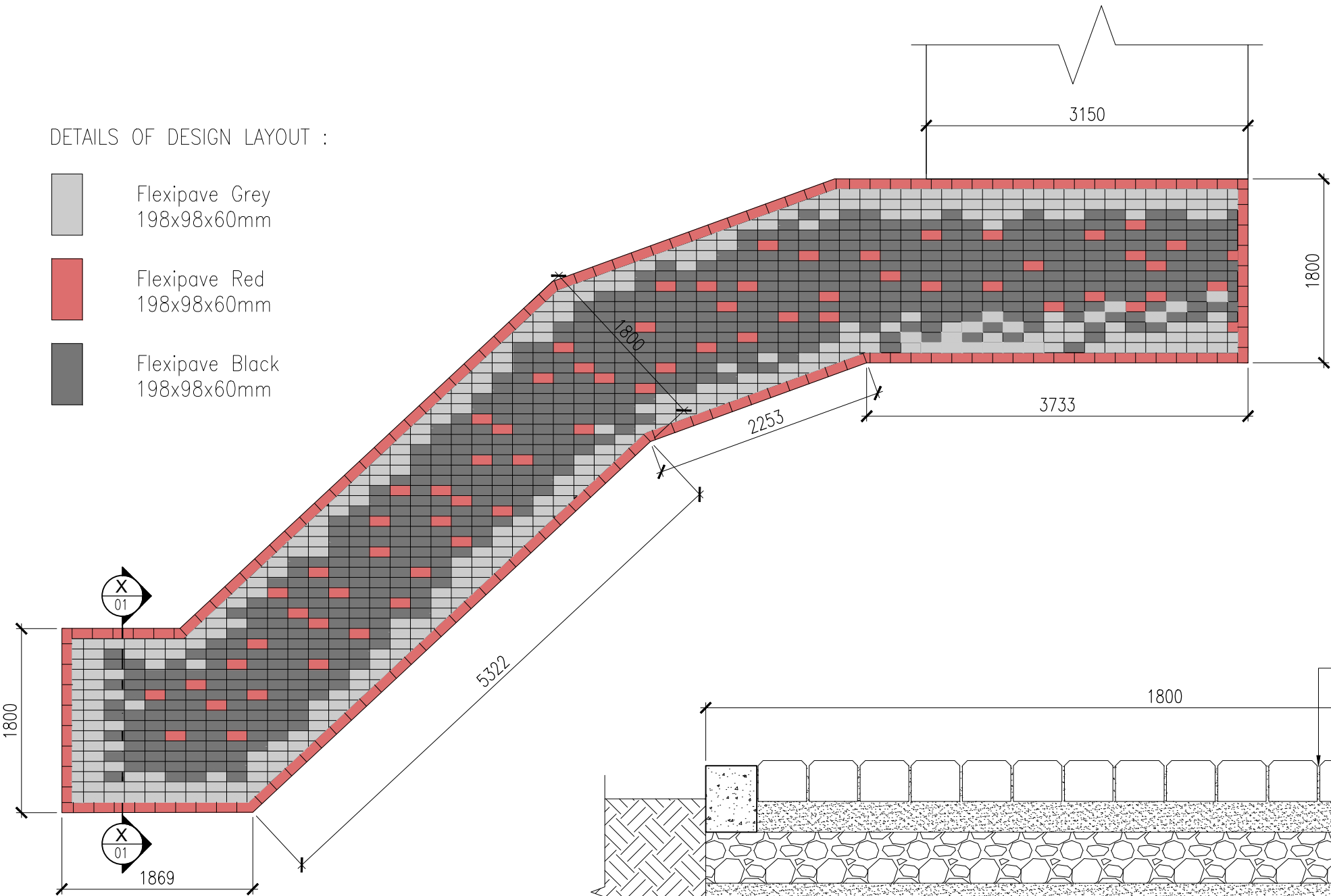


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DISEMAK	MKE		
UKURAN	1 : 75		
TARIKH	FEB 2025		
NAMA BANGUNAN BLOK PUSAT PELAJAR		TAJUK LUKISAN ENTRANCE METAL FINS WITH BOX LOUVERS	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/EM-01-01

TENDER DRAWING

DETAILS OF DESIGN LAYOUT :

- Flexipave Grey
198x98x60mm
- Flexipave Red
198x98x60mm
- Flexipave Black
198x98x60mm



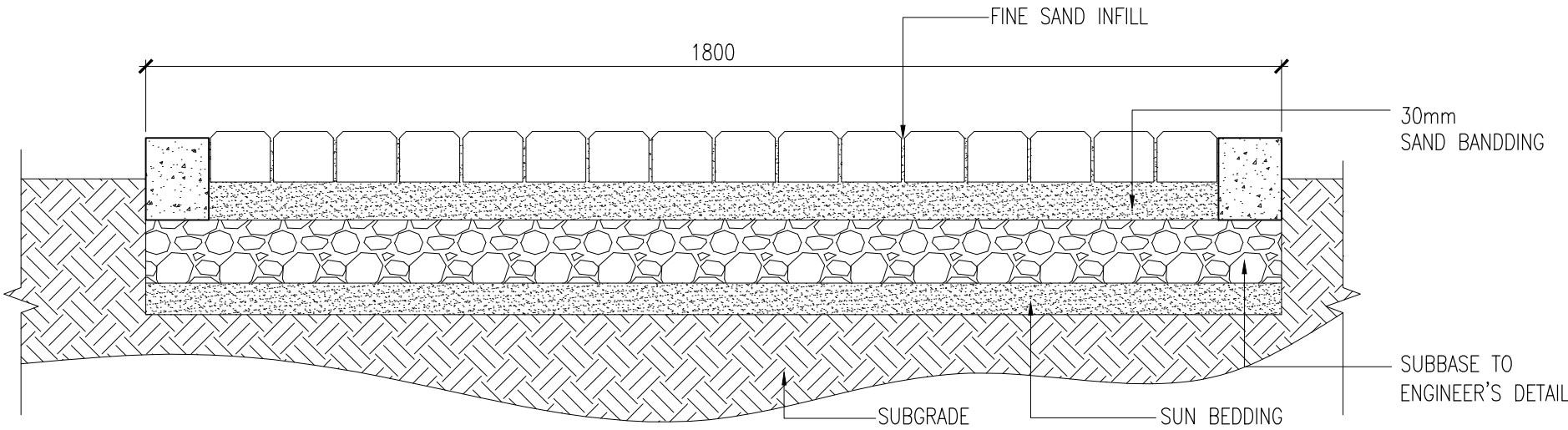
TYPICAL PLAN

SCALE 1:50



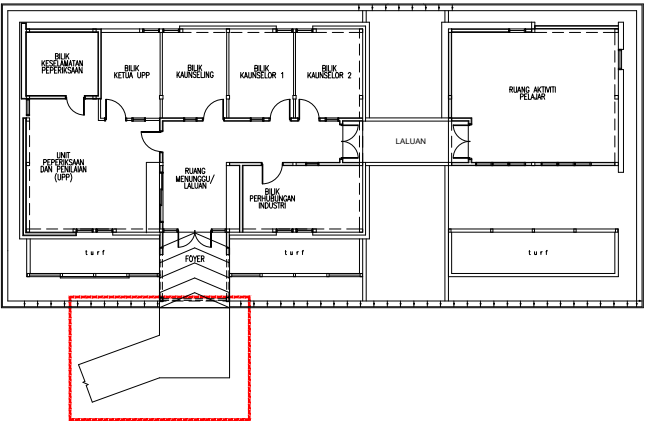
FLEXIPAVE

- SIZE : 198mm X 98mm
- AREA COVERAGE : 94.5 pieces/m²
- THICKNESS : 60/z60/80/100mm
- APPROXIMATE WEIGHT : 2045/3.40/4.35kg



SECTION X-X

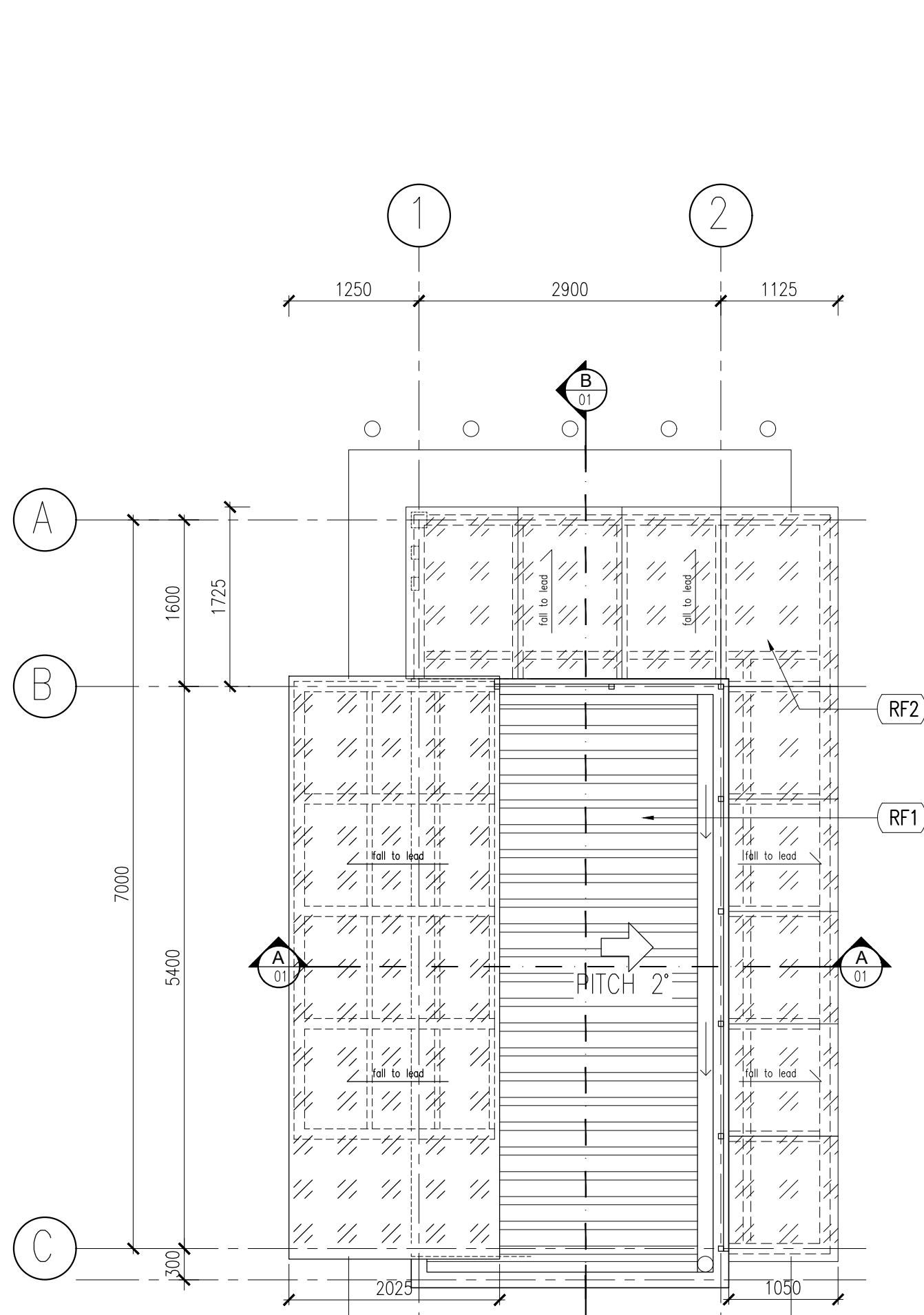
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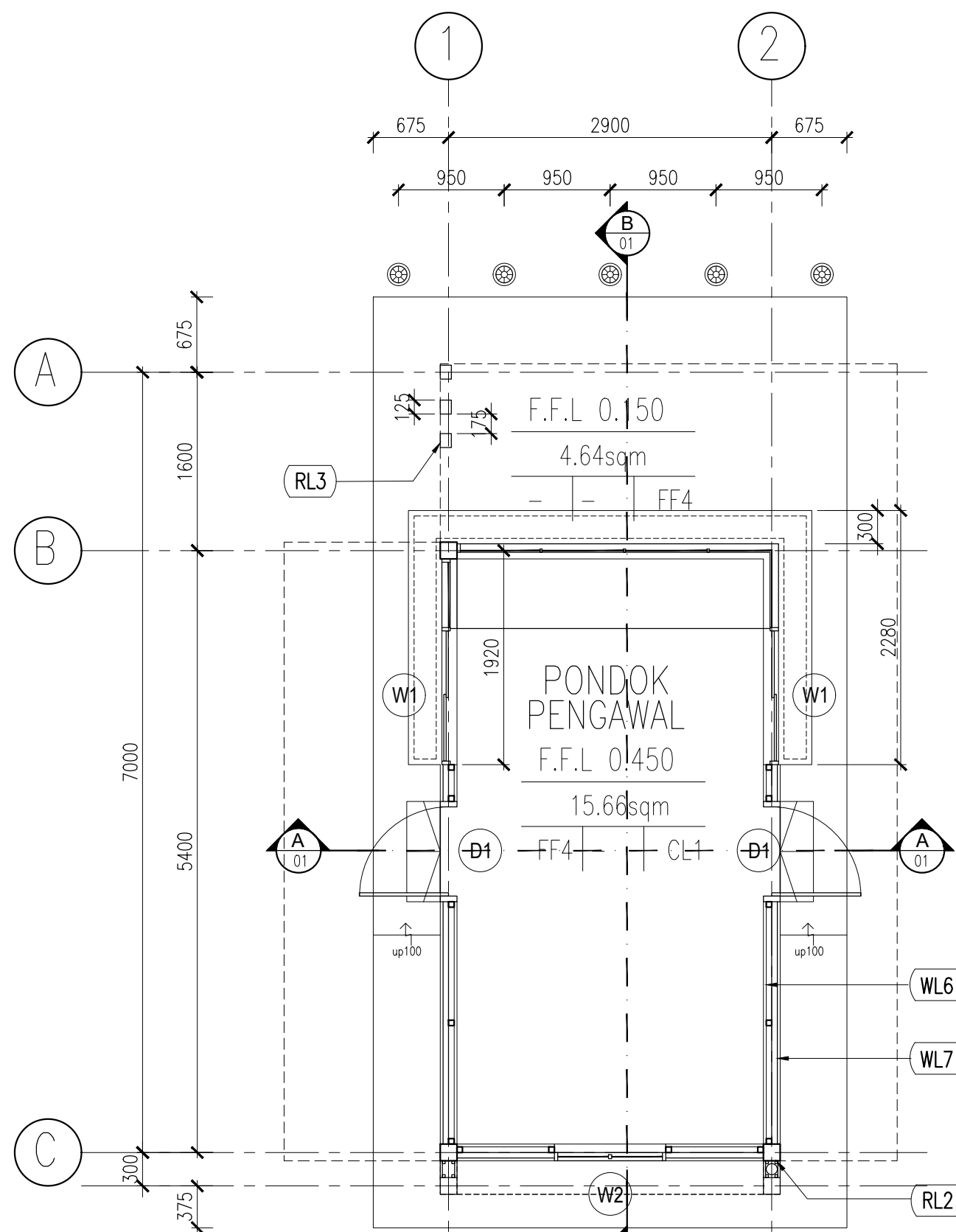
KEY PLAN

TENDER DRAWING

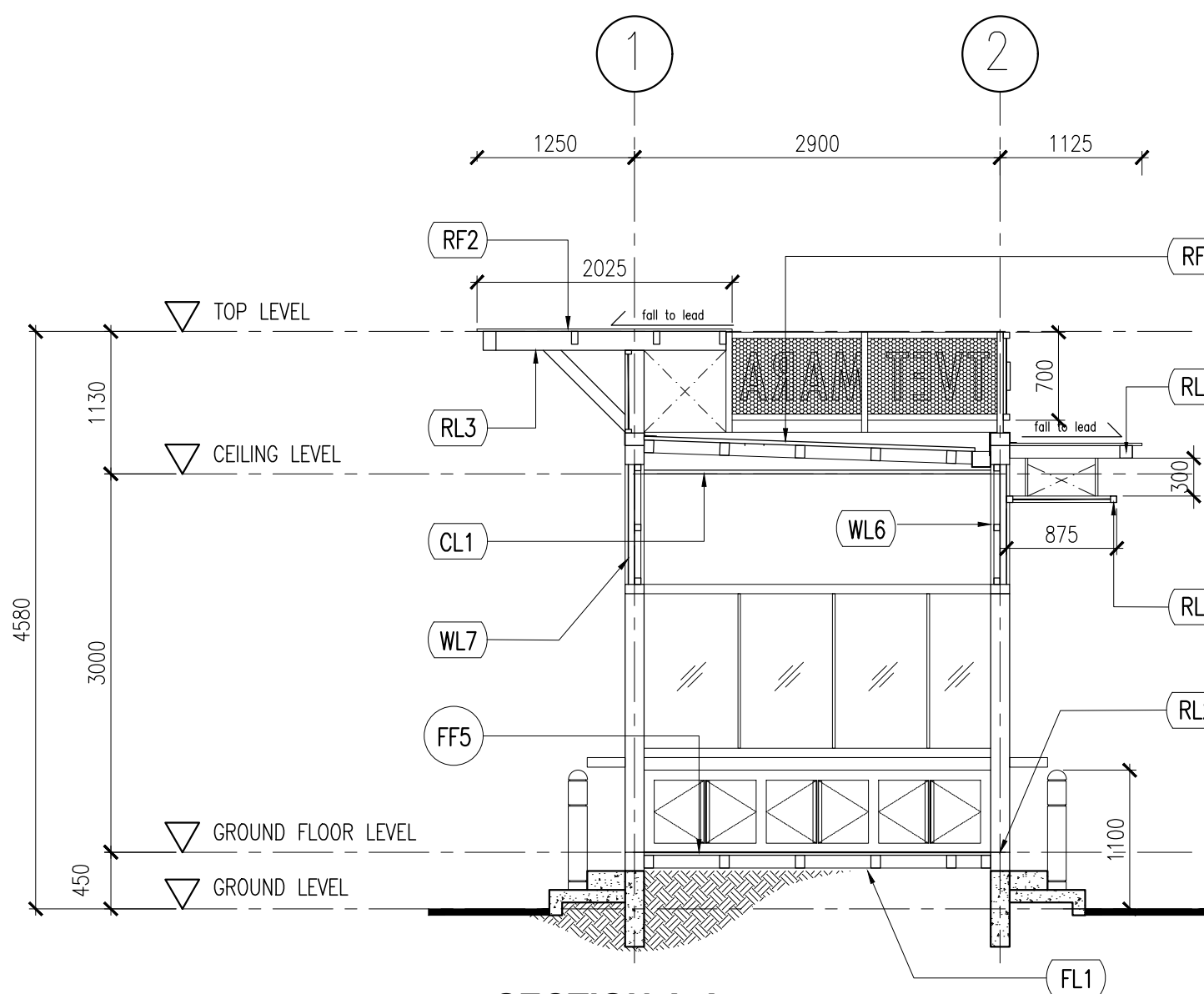
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DISEMAK	MKE		
UKURAN	1:50		
TARIKH	FEB 2025		
NAMA BANGUNAN PUSAT PELAJAR		UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/BD-01-01
		TAJUK LUKISAN LALUAN PEJALAN KAKI	



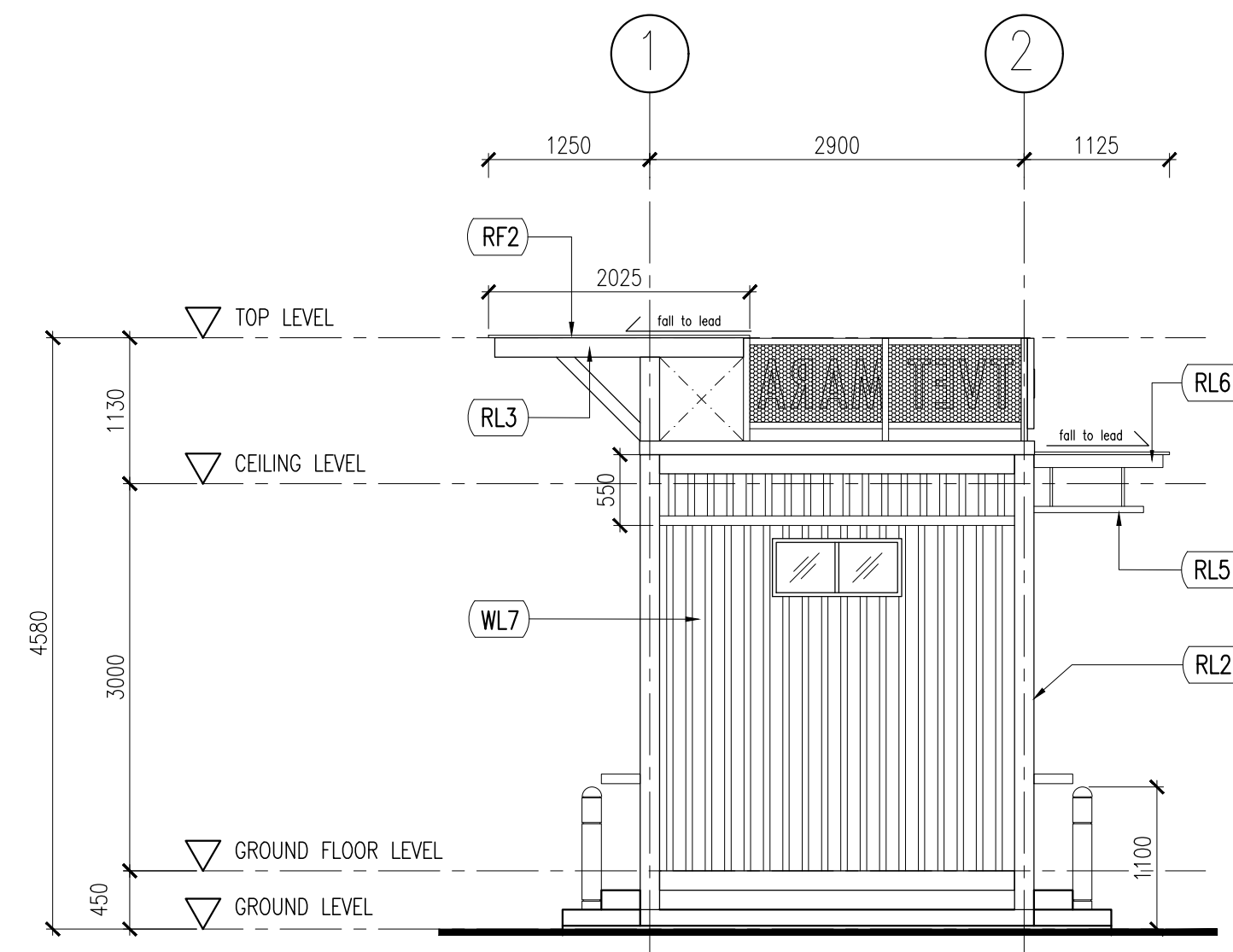
ROOF PLAN
SCALE 1:50



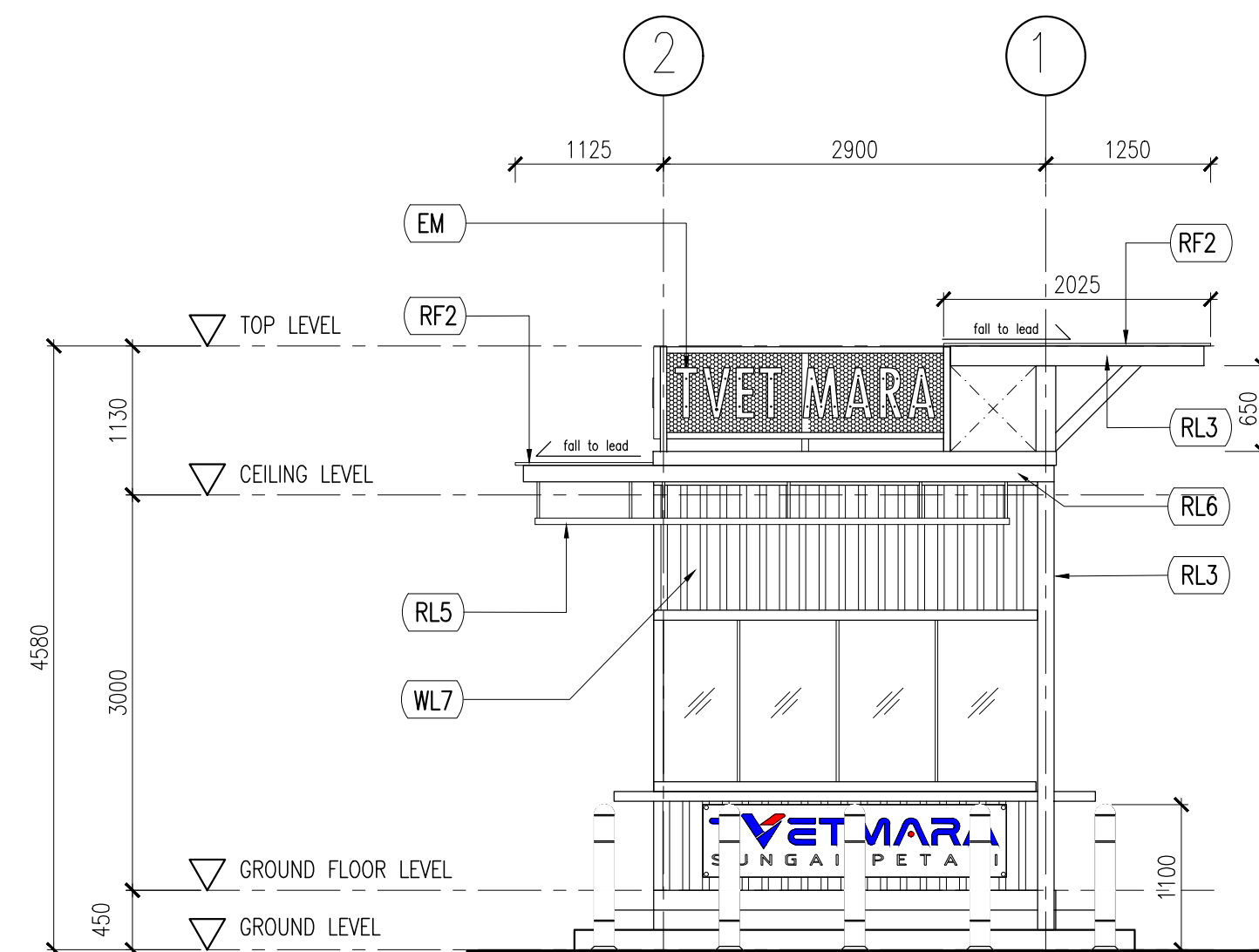
FLOOR PLAN
SCALE 1:50



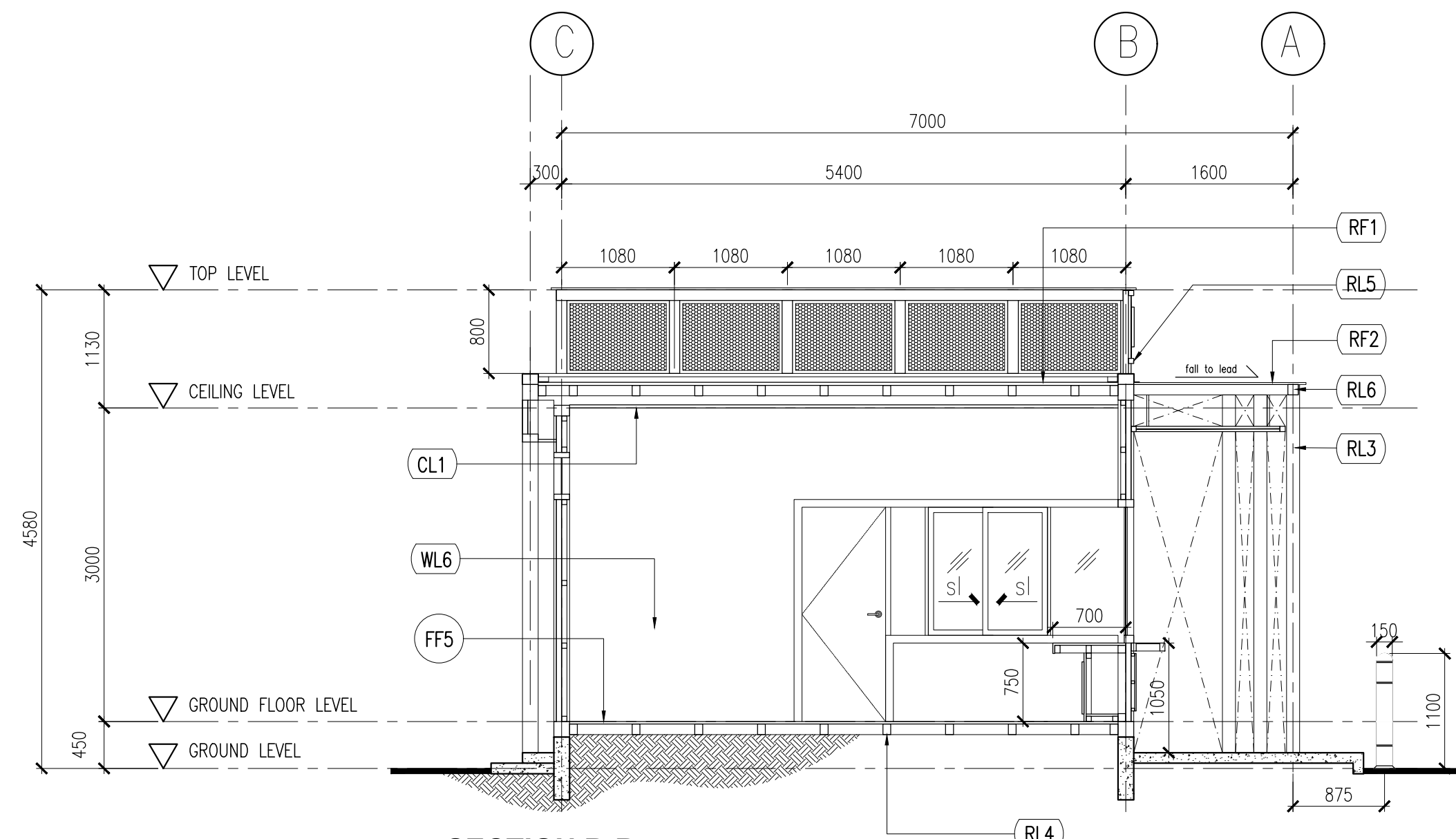
SECTION A-A
SCALE 1:50



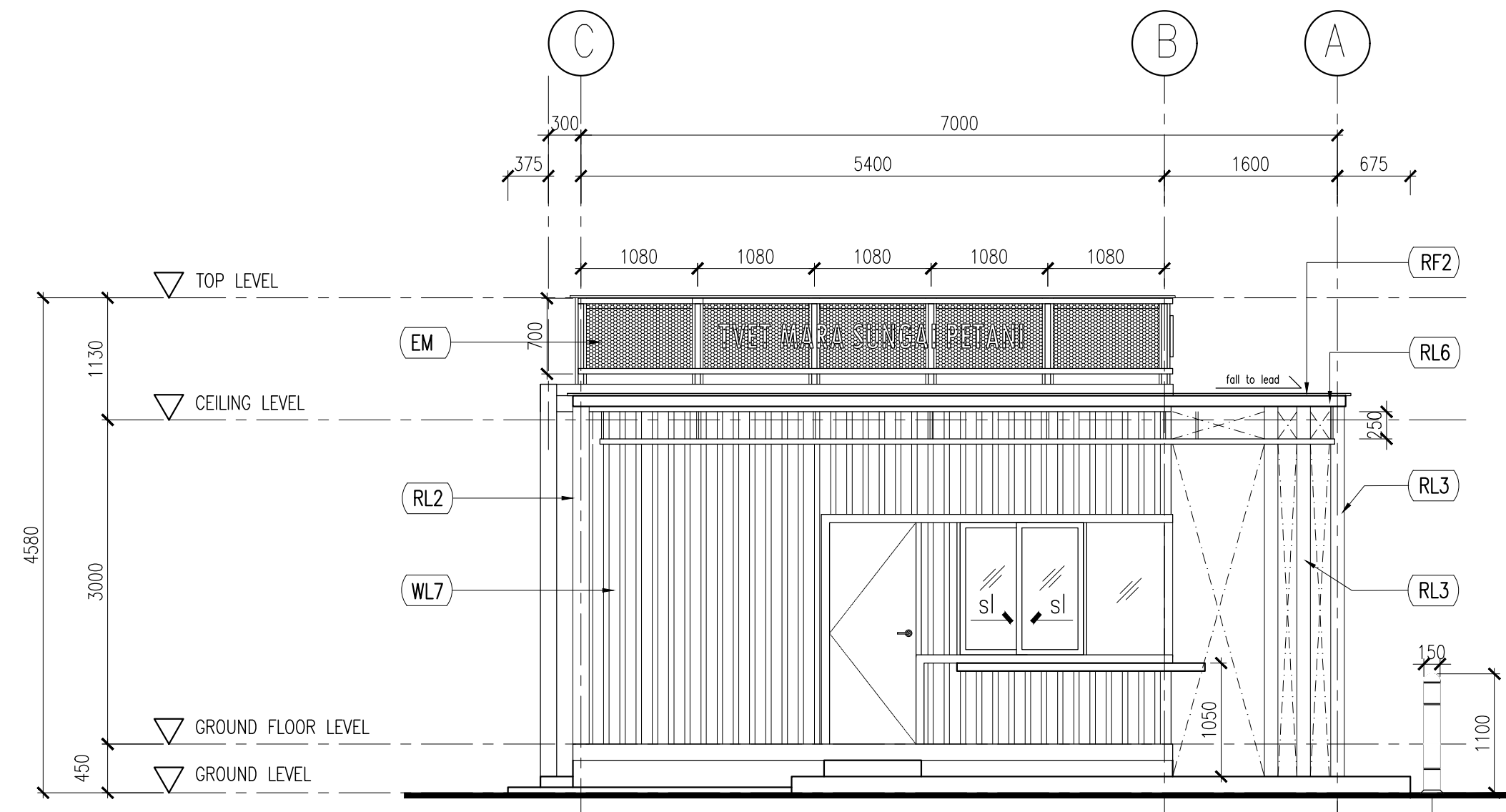
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SCALE 1:50



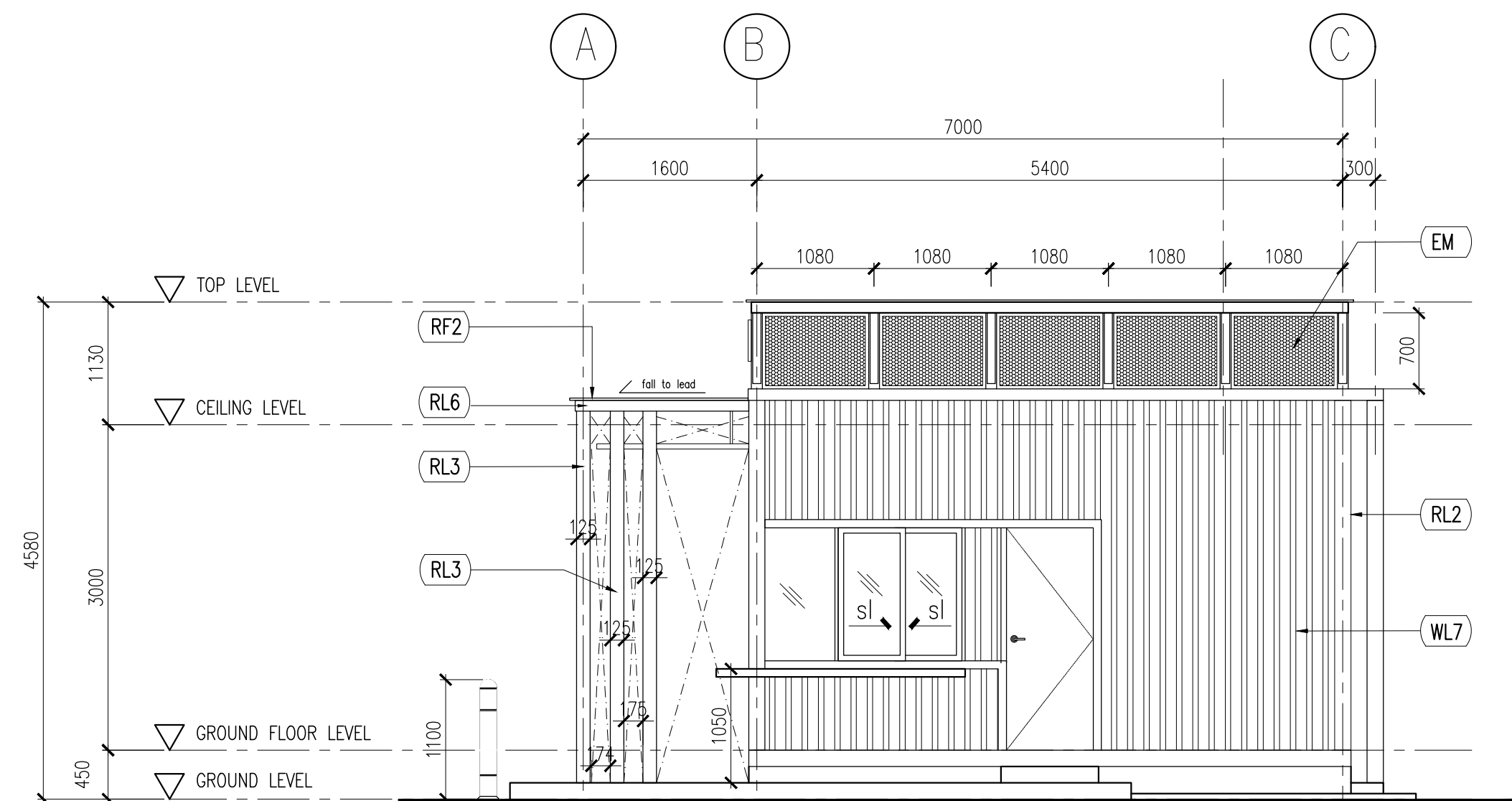
FRONT ELEVATION
SCALE 1:50



SECTION B-B
SCALE 1:50



RIGHT ELEVATION
SCALE 1:50



LEFT ELEVATION
SCALE 1:50

TENDER DRAWING

NOTA:

PROJEK (PROJECT):
CADANGAN KERJA-KERJA
MENAIKTARAF DAN
PENGUBAHSUAJIAN FASILITI BAGI
PONDOK PENGAWAL HADAPAN DAN
PUSAT PELAJAR SERTA KERJA-KERJA
BERKAITAN DI INSTITUT KEMAHIRAN
MARA (IKM) SUNGAI PETANI, KEDAH.

UNTUK:
TETUAN MAJLIS AMANAH RAKYAT
(MARA)

NOTA:

REV:	DATE:	DESCRIPTION:	BY:

PEMILIK:

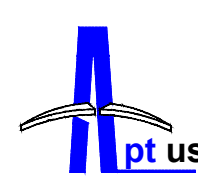
**MAJLIS AMANAH RAKYAT (MARA)**
Tingkat 11, Ibu Pejabat MARA,
21, Jalan MARA, 50609 Kuala Lumpur.
Tel: 03 - 2613 2000

TANDATANGAN ARKITEK

SAYA MEMPRAKSI BAHAWA BUTIRAN BUTIRAN DI DALAM PELAN PELAN ADALAH MENURUT
KEHENDAK-KEHENDAK UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984 DAN SAYA
SETUJU TERIMA TANGGUNGJAWAB PENUH DENGAN SEWA-SARNYA.

ARKITEK:
architecture • planning • interior design • landscape
Akashah architect
&
associates sdn. bhd.
1334154-1
NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK
05200 ALOR STAR KEDAH DARUL AMAN.
TEL. +604 7307120 FAX. +604 7308120
email: akashah.archibb@gmail.com

JURUTERA C&S:

**APTUS ENGINEERING CONSULTANT**
(P02080200-A)
LOT 80, TINGKAT 1,
LOKONG GAMELAN 3/1
TAMAN RIA JAYA,
SUNGAI PETANI, KEDAH DARUL AMAN.
NO TEL. 04 4410133 / 0133996903
E-mail: aptuseng@gmail.com

JURUTERA M&E:

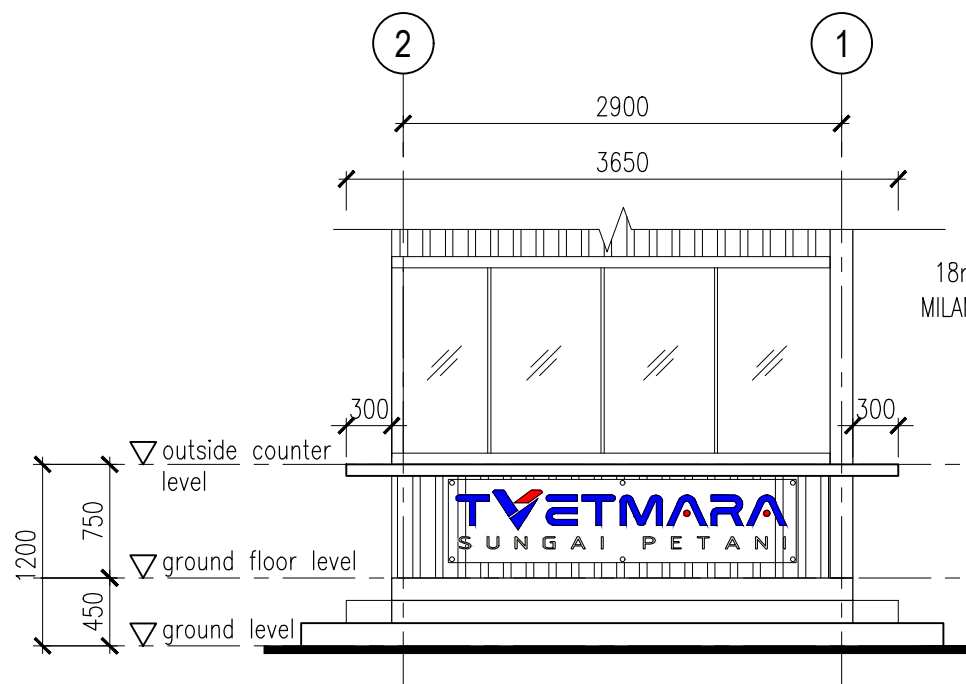
**PERUNDING ALIF BERSATU SDN BHD**
NO.53B, 1ST FLOOR, KOMPLEKS PERNIAGAAN UTAMA, JALAN
UTAMA 31 JALAN SULTANAH SAMBUNGAN, 06250 ALOR SETAR,
KEDAH DARUL AMAN.
TEL/FAX: 04-731 9271
E-mail: alifbersatu_eng@yahoo.com

PERUNDING ALIF BERSATU SDN BHD

JURUUKUR BAHAN:

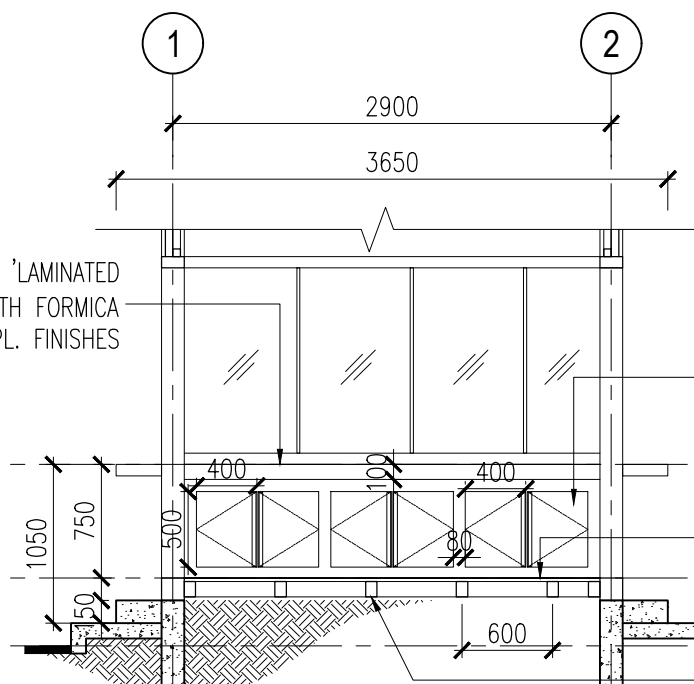
**SAS QS CONSULT**
180248 NO. 2016/175 00514
KUALITI BERKUALITI DAN INOVATIF (Good Quality and Innovation Good Creativity)
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TENDER DRAWING



TYPICAL FRONT ELEVATION

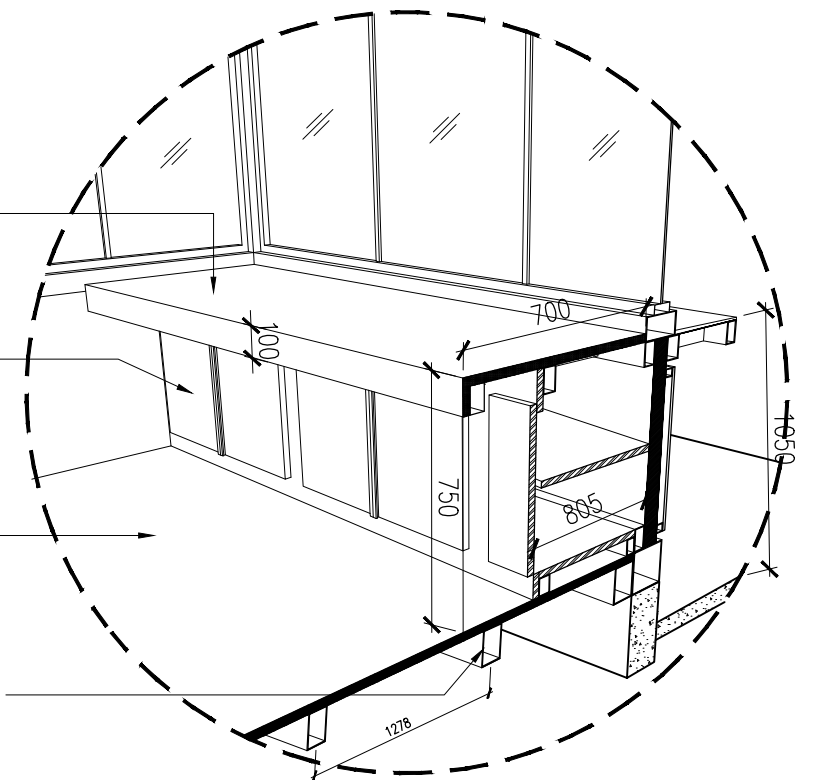
SCALE 1:50



TYPICAL INTERIOR ELEVATION

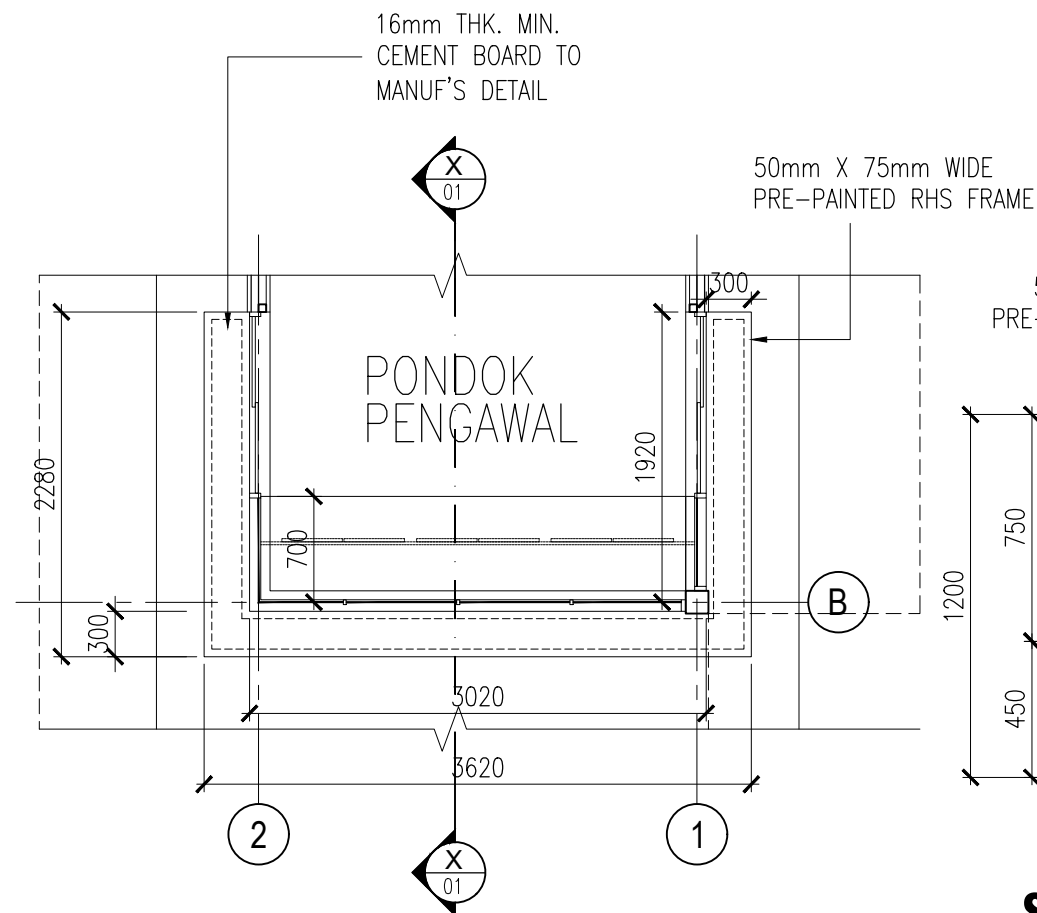
SCALE 1:50

- 18mm THK 'LAMINATED MILAMINE' WITH FORMICA HPL. FINISHES
- 18mm THK DOOR 'LAMINATED MILAMINE' WITH ACCESSORIES DOOR HANDLE AND DOOR HINGES
- 12mm THK CEMENT BOARD WITH JOINT SEALANT TO BE SKIMMED AND EMULSION PAINTED INTERNALLY
- 75x100mm WIDE PRE-PAINTED RHS FRAME



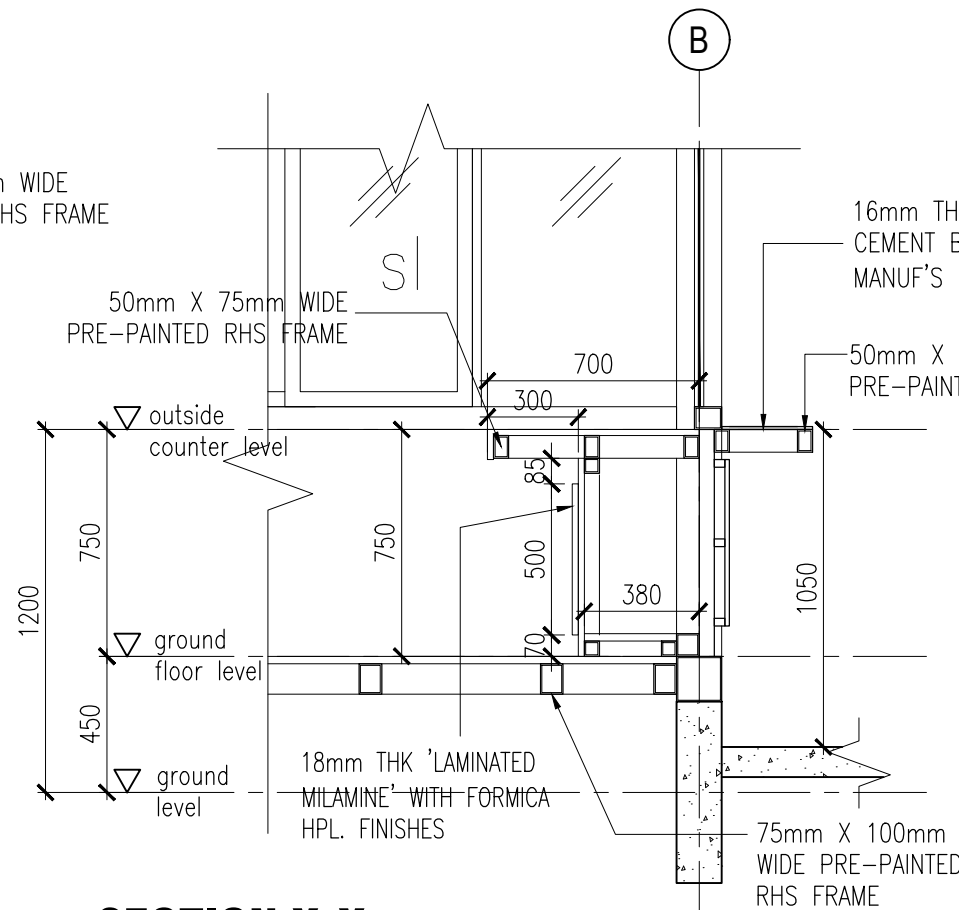
ISOMETRIC VIEW

NOT TO SCALE



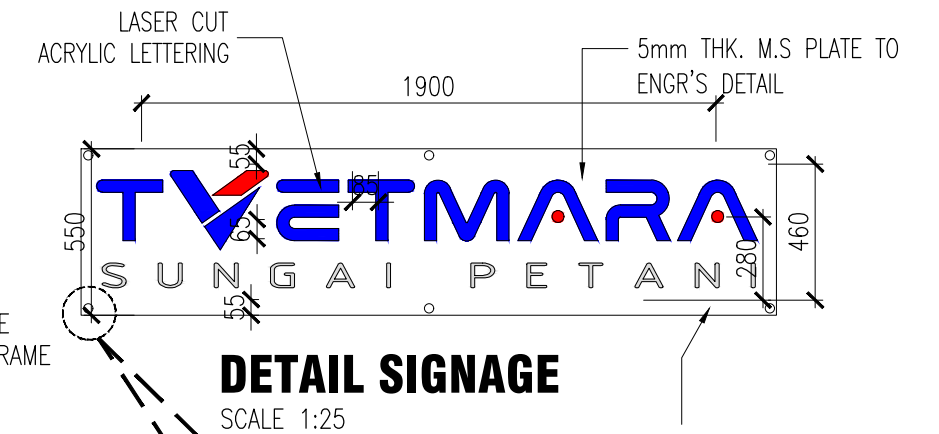
TYPICAL PLAN

SCALE 1:50



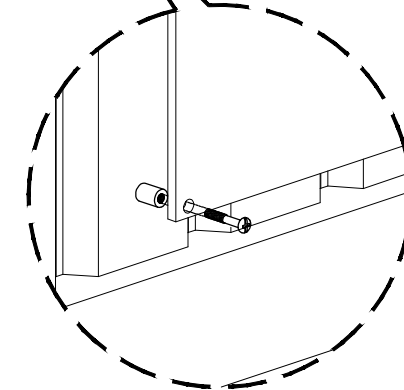
SECTION X-X

SCALE 1:25



DETAIL SIGNAGE

SCALE 1:25



ISOMETRIC VIEW

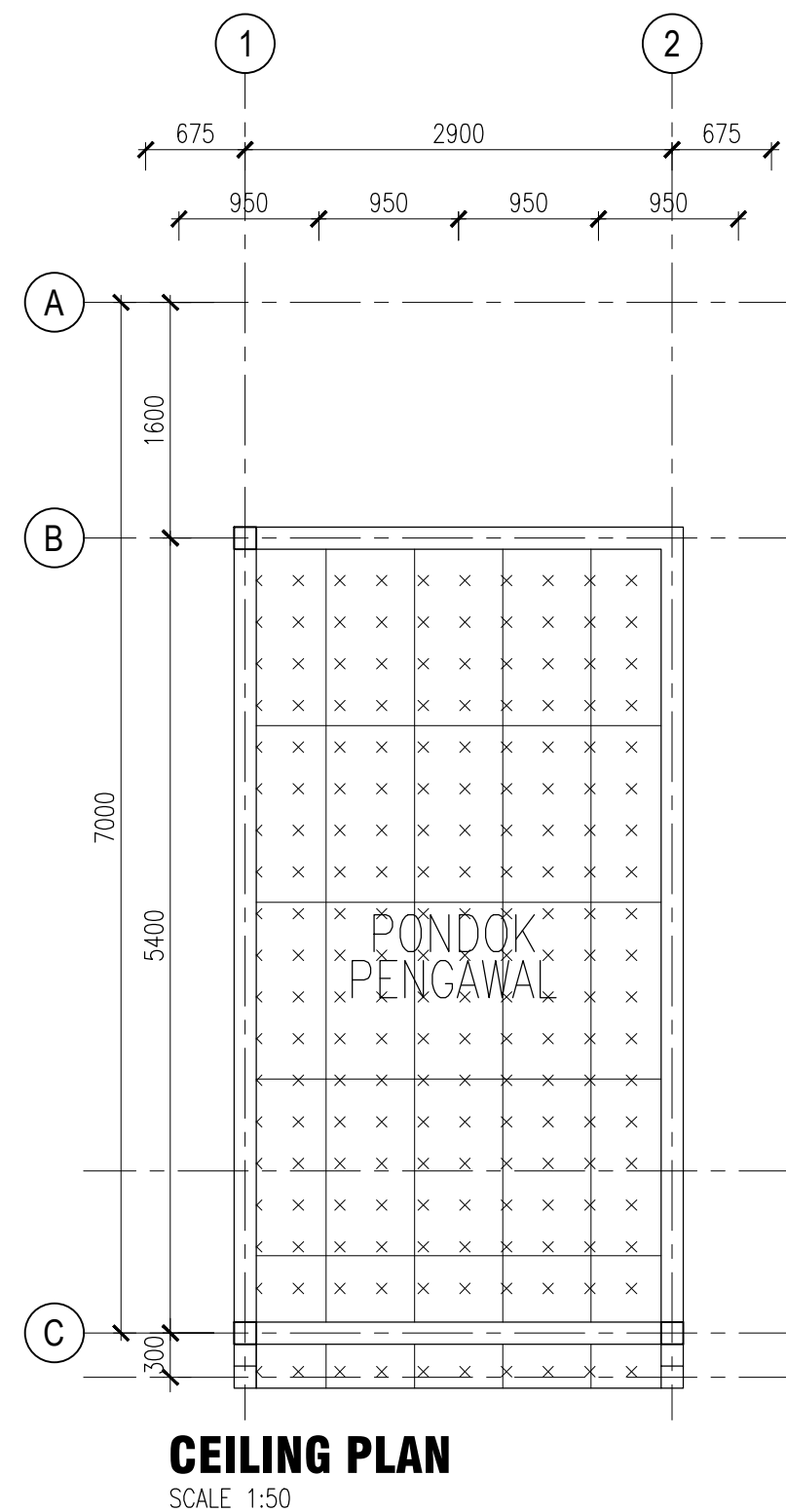
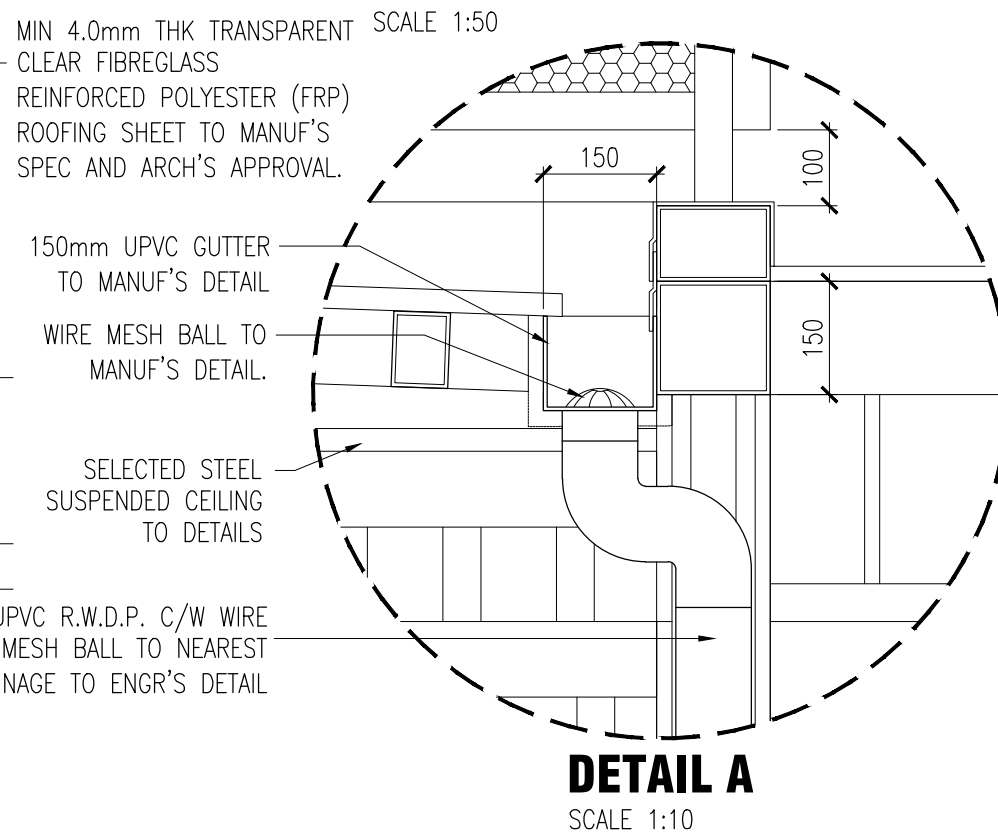
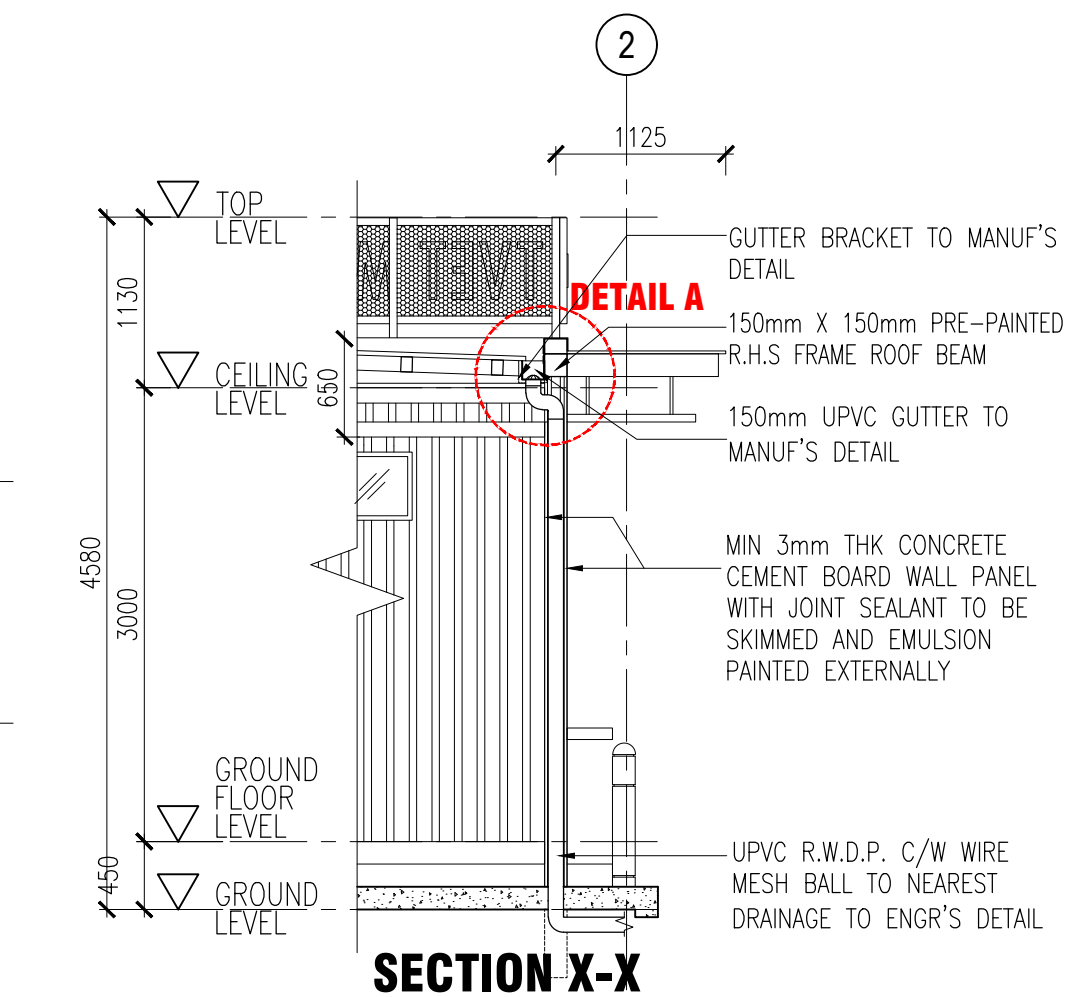
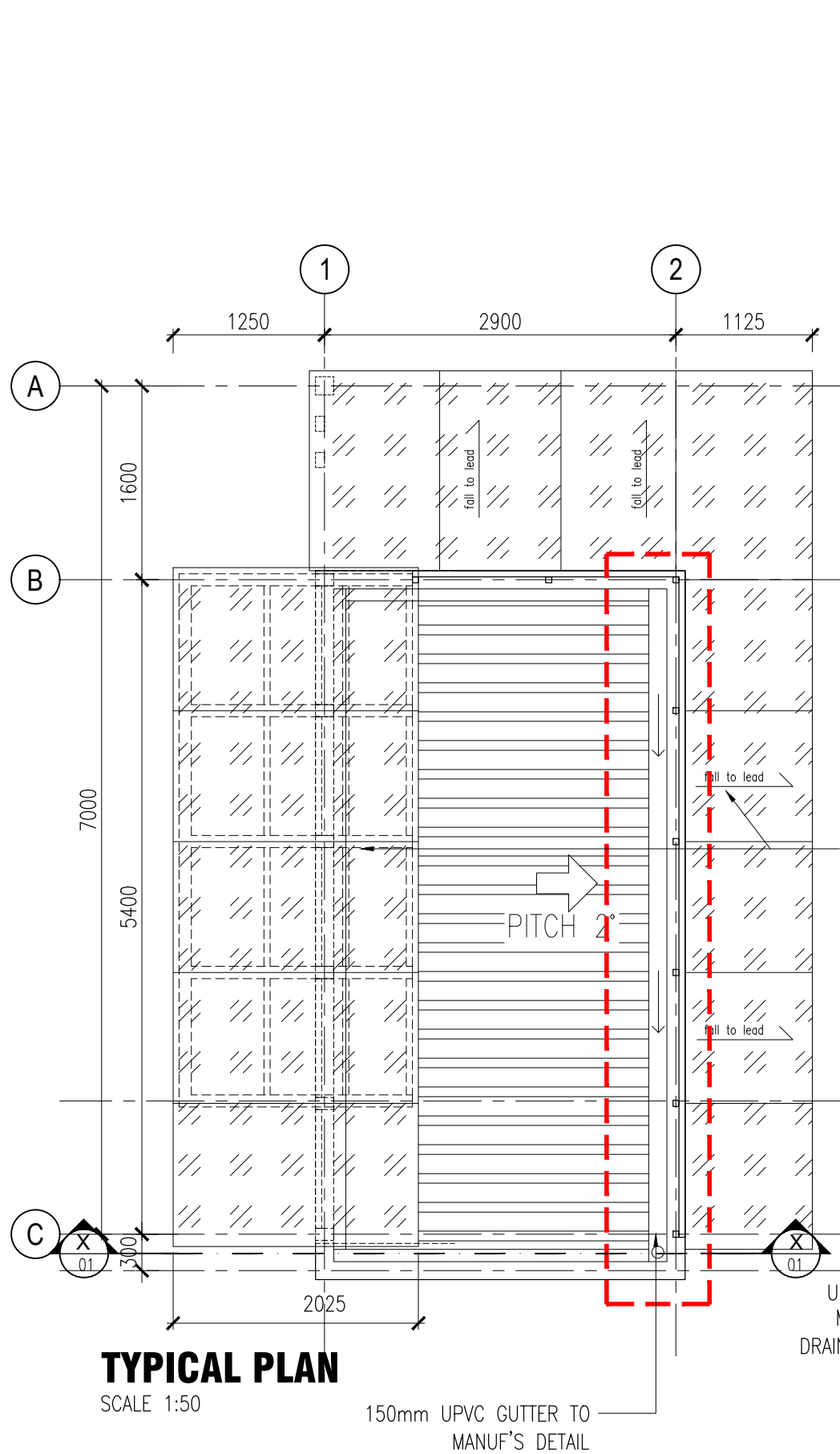
NOT TO SCALE

15mm Ø STAINLESS STEEL WALL HANGING BRACKET SCREW TO MANUF'S.



TENDER DRAWING

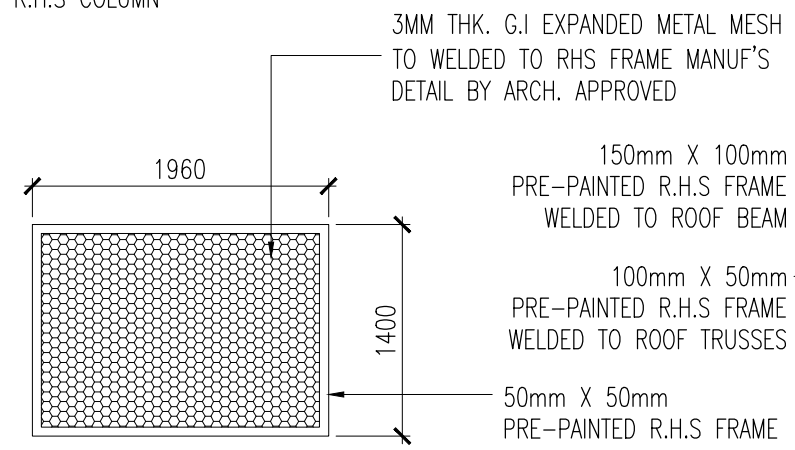
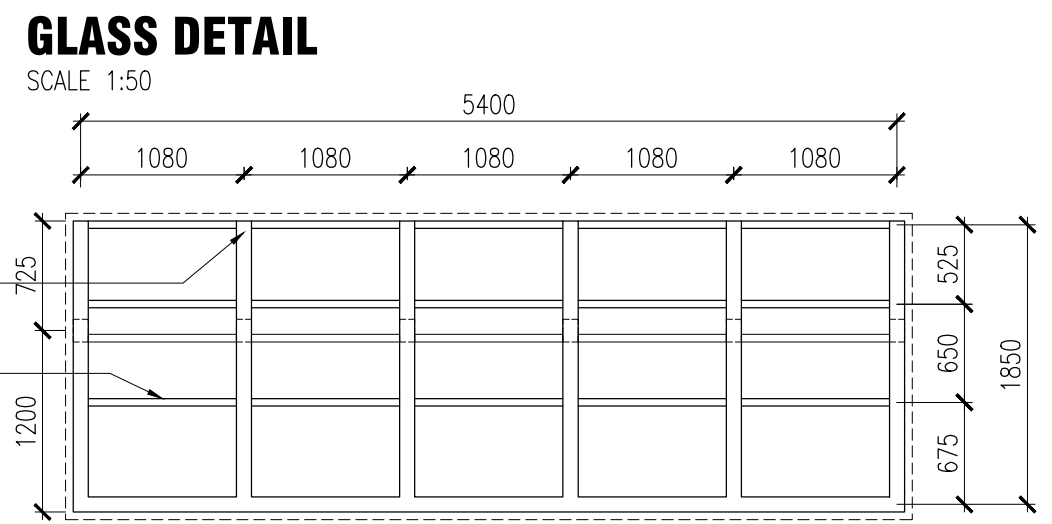
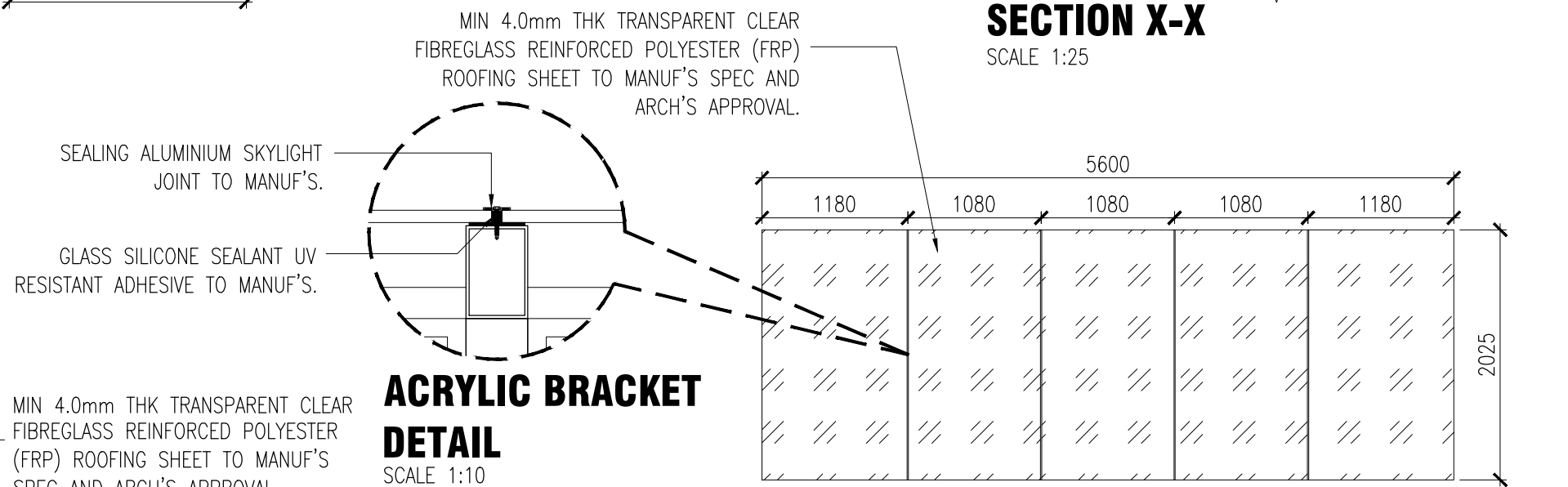
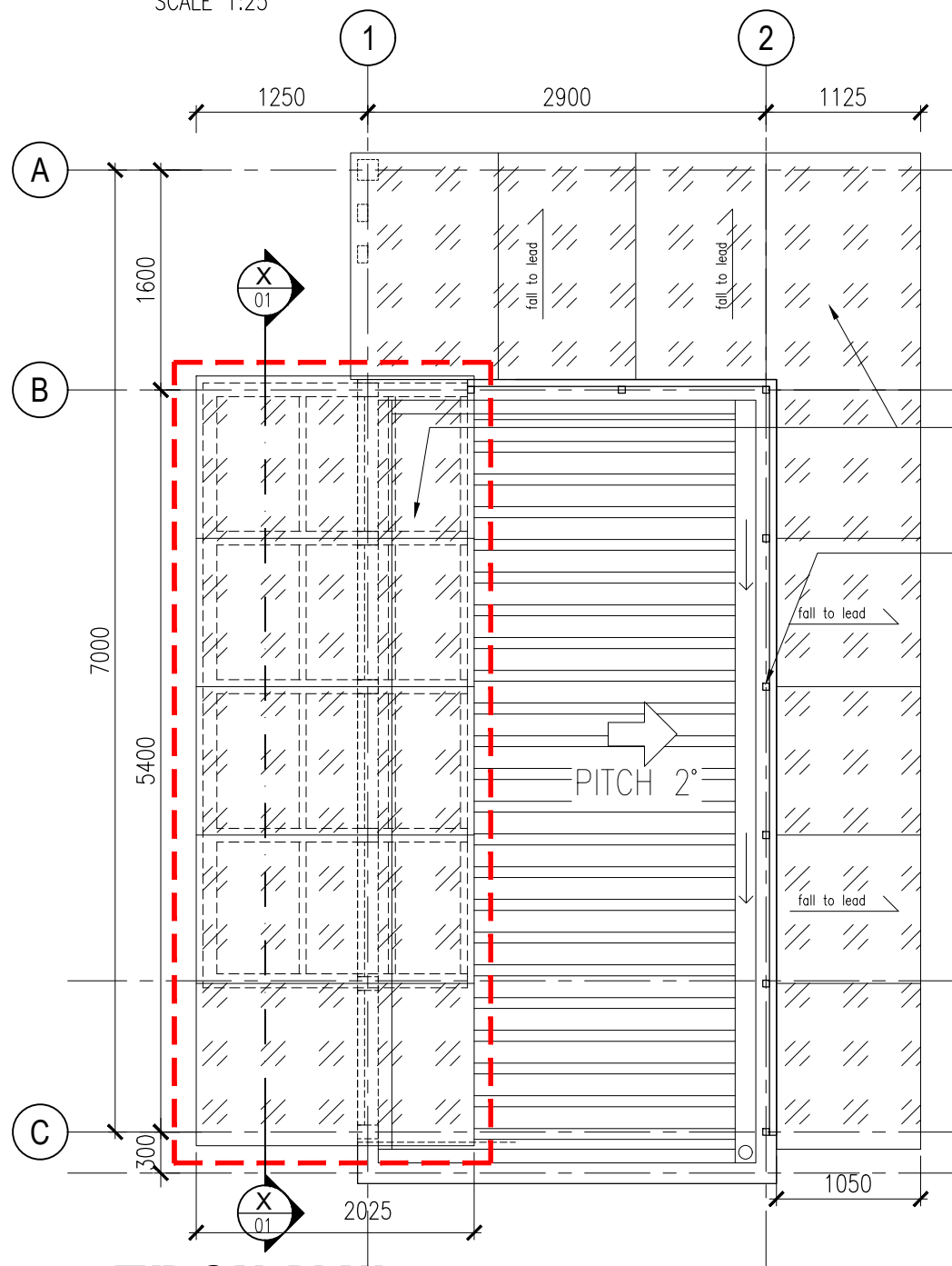
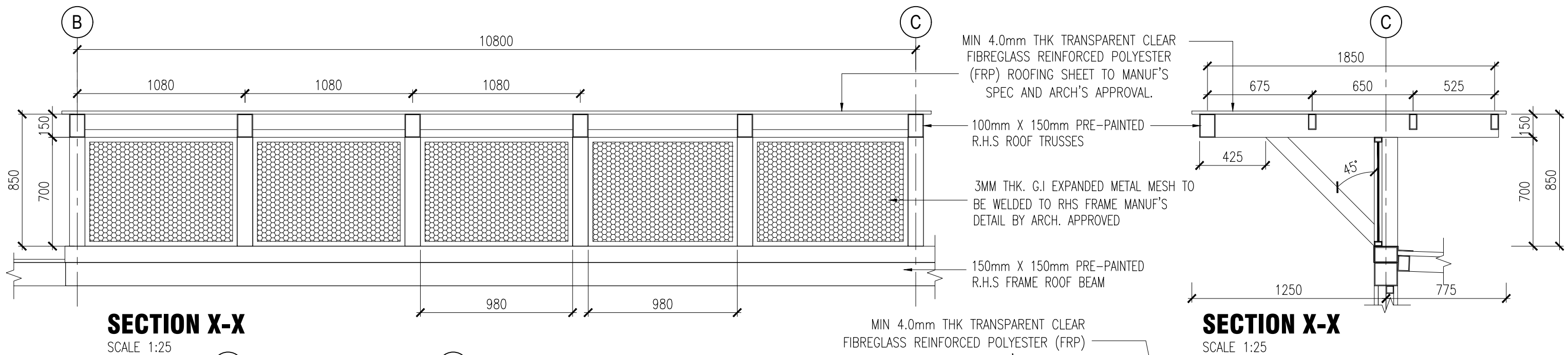
DILUKIS	ALIF	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	 1334154-T NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05150 ALOR SETAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email.akashah.archisb@gmail.com
DISEMAK	MKE		
UKURAN	1:50		
TARIKH	FEB 2025		
NAMA BANGUNAN		UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	NO LUKISAN AAAAsb-70-0524/MARA/IKM-SP/CD-01-01
PONDOK PENGAWAL		TAJUK LUKISAN COUNTER DETAIL (EXTERNAL & INTERNAL)	



CEILING CONSTRUCTIONS & FINISHES
 -1200x600mm CALSIUM SILICATE SUSPENDED
 CEILING BOARD c/w MULTI CARRIER & WIRE
 HANGER AT 1200mm c/c TO ARCH' APPROVAL

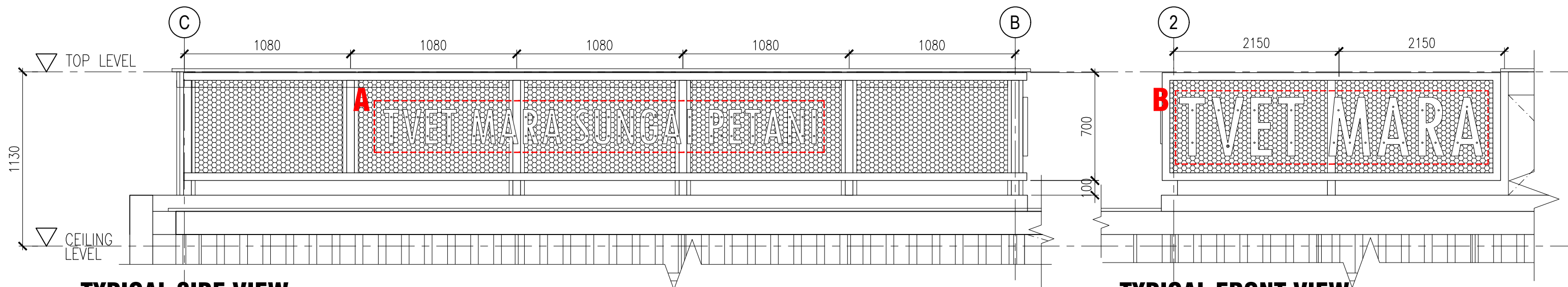
DILUKIS	ALIF	TAJUK PROJEK	NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05150, ALOR SETAR, KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email.akashah.archisb@gmail.com
DISEMAK	MKE	CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI	
UKURAN	1:50	PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA	
TARIKH	FEB 2025	BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	
NAMA BANGUNAN		UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/GC-01-01
PONDOK PENGAWAL		TAJUK LUKISAN GUTTER & RWDP / CEILING PLAN	

TENDER DRAWING



DILUKIS	ALIF	TAJUK PROJEK CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.	 1334154-T NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05150 ALOR SETAR KEDAH DARUL AMAN TEL. +604 7307120 FAX. +604 7308120 email.akashah.archisb@gmail.com
DISEMAK	MKE		
UKURAN	1:50		
TARIKH	FEB 2025		
NAMA BANGUNAN		UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/AM-01-01
PONDOK PENGAWAL		TAJUK LUKISAN ACRYLIC ROOF WITH METAL MESH	

TENDER DRAWING

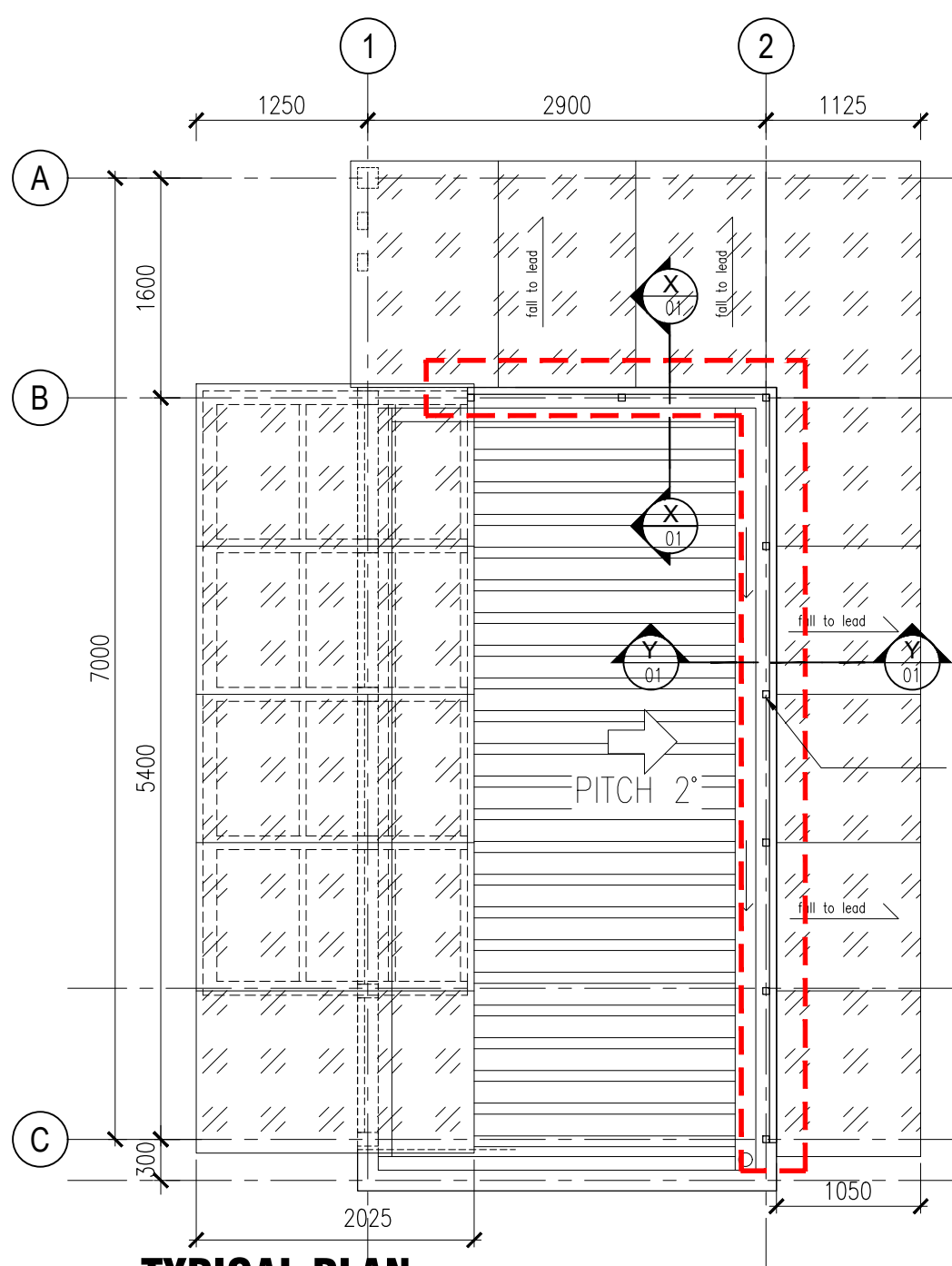


TYPICAL SIDE VIEW

SCALE 1:25

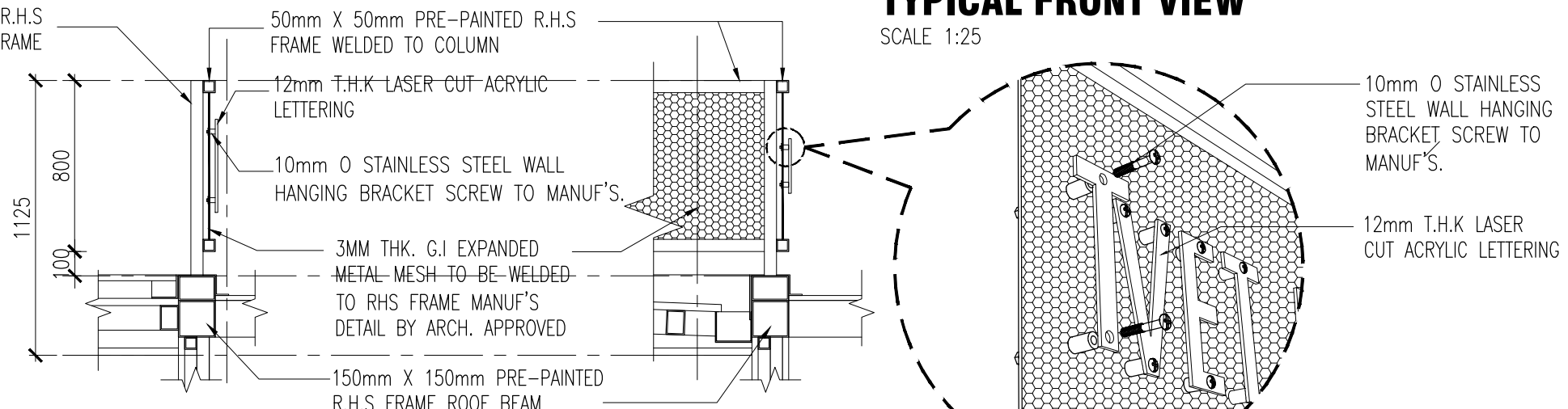
TYPICAL FRONT VIEW

SCALE 1:25



TYPICAL PLAN

SCALE 1:50

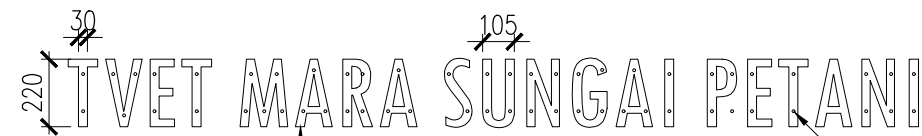


SECTION X-X

SCALE 1:25

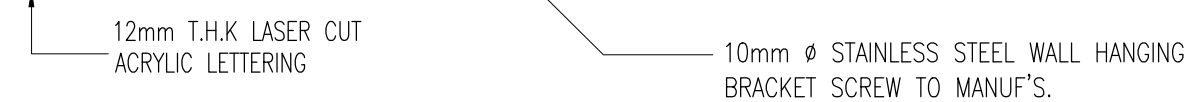
SECTION Y-Y

SCALE 1:25



DETAIL A

SCALE 1:25



DETAIL B

SCALE 1:25



TENDER DRAWING

DILUKIS	ALIF	TAJUK PROJEK	CADANGAN KERJA-KERJA MENAIKTARAF DAN PENGUBAHSUAIAN FASILITI BAGI PONDOK PENGAWAL HADAPAN DAN PUSAT PELAJAR SERTA KERJA-KERJA BERKAITAN DI INSTITUT KEMAHIRAN MARA (IKM) SUNGAI PETANI, KEDAH.
DISEMAK	MKE		
UKURAN	1:50		
TARIKH	FEB 2025	UNTUK : TETUAN MAJLIS AMANAH RAKYAT (MARA)	
NAMA BANGUNAN		TAJUK LUKISAN	
PONDOK PENGAWAL		METAL MESH WITH SIGNAGE	
			 1334154-T NO. 4006 LORONG 1 TAMAN PKNK JALAN TUN ABDUL RAZAK 05150 ALOR SETAR KEDAH DARUL AMAN. TEL. +604 7307120 FAX. +604 7308120 email.akashah.archisb@gmail.com
			NO LUKISAN AAAsb-70-0524/MARA/IKM-SP/MS-01-01