

FIRE SERVICES NOTES :

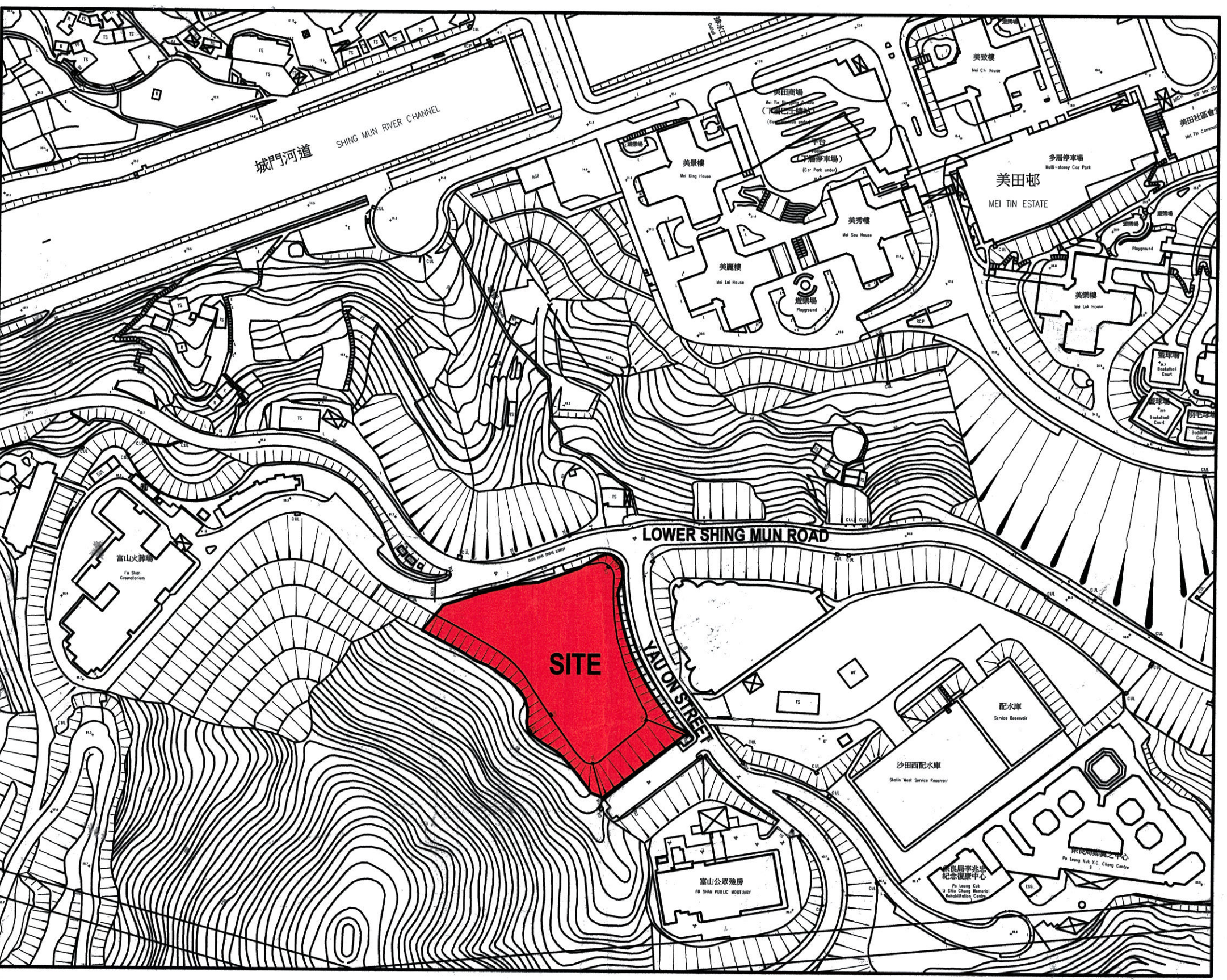
THE FIRE SERVICE INSTALLATIONS ARE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE CURRENT EDITION OF THE CODES OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT AND INSPECTION, TESTING AND MAINTENANCE OF INSTALLATIONS AND EQUIPMENT (APRIL 2012 EDITION) AND THE CURRENT ISSUE OF THE FSD CIRCULAR LETTERS. THE PARTICULARS OF THE FIRE SERVICE INSTALLATIONS TO BE PROVIDED FOR THE BUILDING ARE AS FOLLOWS:

- AUDIOVISUAL ADVISORY SYSTEM**
AUDIO VISUAL ADVISORY SYSTEM SHALL BE PROVIDED DUE TO TRANSIENT PRESENCE OF GUESTS AND VISITORS FOR THE FOLLOWING AREAS AS INDICATED IN DRAWINGS. DETAILED DESIGN WILL BE SUBMITTED SEPARATELY.
i) CEREMONY HALL 1, 2 & 3 ON GF;
ii) BODY COLLECTION PUBLIC WAITING HALL, MALE, FEMALE & UNISEX ACCESSIBLE TOILET ON GF;
iii) ENTRANCE Foyer on GF;
iv) LIFT LOBBIES FOR LIFT 5 & 6 ON GF TO 4F;
v) RESTING LOUNGE ON GF AND 1F;
vi) BABY CARE ROOM ON 1F;
vii) INTERVIEW ROOM 1, 2 & 3, VIEW ROOM 1, 2 & 3 ON 1F;
viii) INTERVIEW PUBLIC WAITING HALL, MALE, FEMALE & UNISEX ACCESSIBLE TOILET ON GF ON 1F;
ix) SITTING AREA ON 1F;
x) GENERAL PUBLIC WAITING HALL, MALE, FEMALE & UNISEX ACCESSIBLE TOILET ON 2F;
xi) VIEWING ROOM 2, M1 & M2, MALE & FEMALE TOILET AND ADJACENT CORRIDOR ON 3F;
xii) VIEWING ROOM 2, H1, H2 & H3, MALE & FEMALE TOILET AND ADJACENT CORRIDOR ON 4F;
* VISUAL FIRE ALARMS IN FORM OF FLASHING RED LIGHTS TO BE PROVIDED IN AREAS ACCESSIBLE BY THE PUBLIC IN ACCORDANCE WITH FSD CIRCULAR LETTER 2001/2 BS 5836: PART 1, AND DESIGN MANUAL: BARRIER FREE ACCESS (2008)
- AUTOMATIC ACTUATING DEVICES**
AUTOMATICALLY ACTUATED FIRE SHUTTER FOR THE PURPOSE OF FIRE COMPARTMENTATION TO BE PROVIDED AT LOCATIONS AS INDICATED ON THE DRAWINGS. FIRE SHUTTER TO BE OPERATED BY SMOKE DETECTORS COMPLETE WITH MANUAL CONTROLS ON BOTH SIDES. AUTOMATIC ACTUATING DEVICES ARE NOT TO BE CONNECTED TO BUILDING FIRE ALARM AND DIRECT TELEPHONE LINK.
- AUTOMATIC FIXED INSTALLATIONS OTHER THAN WATER**
AUTOMATIC NOVEK 120 GAS TOTAL FLOODING EXTINGUISHING SYSTEM WILL BE PROVIDED IN ACCORDANCE WITH NFPA 2001 STANDARDS ON CLEAN AGENT FIRE EXTINGUISHING SYSTEM FOR SERVER ROOM ON 2F WHERE THE ROOM VOLUME EXCEEDS 42.1 M³.
- AUTOMATIC FIXED INSTALLATIONS USING WATER**
AUTOMATIC SPRINKLER SYSTEM DESIGNED TO OH IN ACCORDANCE WITH LFC RULES FOR AUTOMATIC SPRINKLER INSTALLATIONS INCORPORATING BS EN 12846: 2003, FSD CIRCULAR LETTERS 2008/8 AND 2010/10 FOR AUTOMATIC SPRINKLER INSTALLATIONS SHALL BE PROVIDED FOR ALL AREAS INCLUDING STAIRCASES, COMMON CORRIDORS AND TOILETS BUT EXCLUDE ELECTRICAL EQUIPMENT ROOMS, MECHANICAL PLANT ROOMS, SWITCH ROOMS, ELV ROOMS, D.G. STORES, SECURITY CONTROL ROOM, SERVER ROOM, THE ROOM, PARK ROOM, AND PIPE DUCTS AS INDICATED ON THE DRAWINGS. SPRINKLER ANNUNCIATION PANEL SHALL BE PROVIDED IN THE SECURITY CONTROL ROOM AT GROUND FLOOR AS INDICATED ON THE DRAWINGS. WATER SUPPLY TO SPRINKLER TANK TO BE SINGLE ENDED. CAPACITY OF SPRINKLER TANK TO BE 140 + 20 M³.
AUTOMATIC DRY PRE-ACTION SPRINKLER SYSTEM WILL BE PROVIDED FOR THE FOLLOWING AREAS AS INDICATED IN DRAWINGS:
i) MAIN COLD ROOM-1, 2, 3, AND 4 AND ASSOCIATED MAINTENANCE SPACE ON 1F;
ii) MAIN DECOMPOSED BODY COLD ROOM AND ASSOCIATED MAINTENANCE SPACE ON 1F;
iii) COLD ROOM FOR BODY RECEIPT & DISPATCH AREA AND ASSOCIATED MAINTENANCE SPACE ON 3F;
iv) DECOMPOSED COLD ROOM FOR BODY DISPATCH AREA AND ASSOCIATED MAINTENANCE SPACE ON 3F;
v) COLD ROOM FOR AUTOPSY SUITES AREA AND ASSOCIATED MAINTENANCE SPACE ON 3F;
vi) X-RAY ROOM ON 3F;
vii) CT SCAN ROOM ON 3F;
viii) HISTOPATHOLOGY LABORATORY 1 & 2 ON 4F;
ix) MICROSCOPY ROOM ON 4F;
x) ARCHIVE RECORD STORE ON 4F;
APPROVED FAST RESPONSE TYPE SPRINKLERS WILL BE PROVIDED, EXCEPT IN AREA WITH PRE-ACTION SYSTEM.
- EMERGENCY GENERATOR**
AN EMERGENCY GENERATOR OF SUFFICIENT ELECTRICAL CAPACITY TO SUPPLY ALL ESSENTIAL POWER FOR THE FIRE PROTECTION SYSTEMS. FIREMAN'S LIFTS SHALL BE PROVIDED WHICH IS LOCATED ON FIFTH FLOOR (5F).
- EMERGENCY LIGHTING**
TO BE PROVIDED THROUGHOUT THE ENTIRE BUILDING AND FOR ALL EXIST SIGNS AND ROUTES LEADING TO GROUND LEVEL AND BACKED UP BY EMERGENCY GENERATOR. EMERGENCY LIGHTING SHALL COMPLY WITH BRITISH STANDARD 5836 PART 1 AND BS EN 1838.
CENTRAL BATTERY EMERGENCY LIGHTING SYSTEM TO BE PROVIDED FOR ALL AREAS UNLESS OTHERWISE EXEMPTED.
SELF-CONTAINED BATTERY TYPE EMERGENCY LIGHTING WITH MINIMUM 2 HOUR DURATION BATTERY BACKUP WILL BE PROVIDED FOR CARPARK AREA ON 2F.
- EXIT SIGN AND DIRECTIONAL SIGN**
SUFFICIENT EXIT AND DIRECTIONAL SIGN TO BE PROVIDED AT LOCATIONS AS INDICATED ON THE DRAWINGS AND TO ENSURE THAT ALL EXIT ROUTES FROM THE FLOORS ARE CLEARLY INDICATED AS REQUIRED BY THE CONFIGURATION OF STAIRCASES SERVING THE BUILDING.
ALL EXIT SIGN AND DIRECTIONAL SIGN TO BE BACKED UP BY THE CENTRAL BATTERY SYSTEM.
- FIRE DETECTION AND ALARM SYSTEM**
FIRE DETECTION AND MANUAL FIRE ALARM SYSTEMS SHALL BE PROVIDED IN ACCORDANCE WITH BS5838: PART 1: 2002 + A2:2008 WITH MODIFICATIONS AS REQUIRED IN FSD CIRCULAR LETTER NO. 10008 AND 2001/10 LFC RULES FOR AUTOMATIC FIRE ALARM INSTALLATIONS.
HEAT DETECTION SYSTEM SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT ROOMS, MECHANICAL PLANT ROOMS, F.S. AND SPRINKLER PUMP ROOM, SWITCH ROOMS, ELV ROOMS, D.G. STORES, SECURITY CONTROL ROOM, SERVER ROOM, THE ROOM, PARK ROOM, AS INDICATED ON THE DRAWINGS EXCEPT FIRE FITS.
SMOKE DETECTION SYSTEM SHALL BE PROVIDED FOR AREAS PROTECTED BY AUTOMATIC DRY PRE-ACTION SPRINKLER SYSTEM AND AT BOTH SIDES AND ADJACENT TO FIRE SHUTTERS.
NO PART OF THE BUILDING IS USED FOR SLEEPING ACCOMMODATION. NO SMOKE DETECTION SYSTEM FOR SUCH PURPOSE WILL BE PROVIDED.
ONE MANUAL FIRE ALARM ACTUATING POINT AND ONE AUDIO WARNING DEVICE TO BE LOCATED AT EACH HOSE REEL POINT AND ADJACENT TO PLACE OF ULTIMATE SAFETY AS INDICATED ON DRAWINGS. THE ACTUATING POINT TO INCLUDE FACILITIES FOR FIRE PUMP START AND AUDIOVISUAL WARNING DEVICE INITIATION. EACH ACTUATING POINT TO ONLY OPERATE ITS DESIGNATED SYSTEM.
UPON THE ACTIVATION OF ANY MANUAL CALL POINT OR FIRE DETECTION SYSTEM, THE ALARM BELLS AND FLASHING RED LIGHTS OF THE DESIGNATED SYSTEM WITHIN THE RESPECTIVE ACCOMMODATION WILL SOUND AND FLASH ACCORDINGLY.
AT GROUND FLOOR AS INDICATED ON THE DRAWINGS. THIS PANEL SHALL BE CONNECTED TO THE F.S. COMMUNICATION CENTRE (FSCC) VIA DIRECT TELEPHONE LINK FOR TRANSMISSION OF COMMON FIRE ALARM SIGNAL FROM MANUAL FIRE ALARM SYSTEM, FIRE DETECTION SYSTEM AND FLOW SWITCH OF SPRINKLER SYSTEM.
- FIRE HYDRANT/HOSE REEL INSTALLATION**
CAPACITY OF 15M³ H.A.R. WATER TANK SHALL BE PROVIDED AT ROOM FLOOR AS INDICATED ON THE DRAWINGS.
SINGLE OUTLET TYPE HYDRANTS TO BE PROVIDED. HOSE REELS TO BE PROVIDED THAT EVERY PART OF THE BUILDING CAN BE REACHED BY A LENGTH OF NOT MORE THAN 30 M HOSE REEL TUBING.

GENERAL NOTES :

- ALL DIMENSIONS SHOWN ON DRAWINGS ARE STRUCTURAL MEASUREMENT IN MILLIMETERS AND ALL LEVELS SHOWN IN METERS ABOVE PRINCIPAL DATUM UNLESS OTHERWISE STATED.
- EVERY REQUIRED STAIRCASE SHALL:
i) HAVE A CLEAR HEIGHT OF NOT LESS THAN 2000mm;
ii) BE CONSTRUCTED WITH TREADS NOT LESS THAN 295mm IN WIDTH AND RISERS NOT EXCEEDING 175mm IN HEIGHT;
iii) BE PROVIDED WITH HANDRAILS ON BOTH SIDES AT A HEIGHT NOT LESS THAN 850mm NOR MORE THAN 1100mm;
iv) BE CONSTRUCTED WITH TREADS NOT LESS THAN 300mm IN WIDTH AND RISERS NOT EXCEEDING 150mm IN HEIGHT FOR EXTERNAL STAIRCASE.
- EVERY ROOM USED FOR THE PURPOSE OF AN OFFICE SHALL HAVE A HEIGHT OF NOT LESS THAN 2000mm MEASURED FROM FLOOR TO CEILING AND NOT LESS THAN 2200mm MEASURED FROM FLOOR TO THE UNDERSIDE OF BEAMS, BUT 2000mm MIN. IN THE CASE OF PERIPHERAL BEAMS.
- ALL DOORS REQUIRED TO HAVE AN FRR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
i) DOORS INCLUDING FRAMES SHALL BE TESTED OR ASSESSED AND CERTIFIED IN ACCORDANCE WITH BS 476: PARTS 2:2, 1987 BEING CAPABLE OF RESISTING THE ACTION OF FIRE IN TERMS OF INTEGRITY AND INSULATION OR INTENSITY ONLY AS THE CASE MAY BE, FOR THE SPECIFIED PERIOD;
ii) ANY HINGES ON WHICH SUCH DOORS SHALL BE MADE ENTIRELY OF MATERIALS HAVING A MELTING POINTS OF AT LEAST 800°C;
iii) THE MAXIMUM AREA OF THE UNINSULATED GLAZING PANELS SHALL NOT EXCEED 25% OF THE AREA OF THE DOOR LEAF;
iv) EXCEPTION FOR DOORS WITH HOLD-OPEN DEVICES A NOTICE ON BOTH SIDES OF THE DOOR STATING IN ENGLISH LETTERS 'FIRE DOORS TO BE KEPT CLOSED AND CHARGE CHARACTERISTICS' SHALL BE PROVIDED OF NOT LESS THAN 15mm high shall be provided.
- DOORS FOR ALL REQUIRED STAIRCASE AND ANY LOBBIES INTERCEPTING THESE STAIRCASES FROM THE ACCOMMODATION OF A STOREY SHALL HAVE AN FRR WITH REGARD TO THE CRITERION OF INTEGRITY AS SPECIFIED AND WITH REGARD TO INSULATION OF NOT LESS THAN 1 HOUR.
- THE LOCKING DEVICE PROVIDED FOR EXIT DOORS, IF NECESSARY, SHALL BE OF THE TYPE WHICH IS CAPABLE OF BEING OPENED FROM THE INSIDE WITHOUT USING A KEY.
- DOORS FOR ACCESS FROM LIFT LOBBIES TO AN EXIT ROUTE SHALL NOT BE LOCKABLE.
- PROTECTIVE BARRIERS (SUCH AS PARAPET WALL AND RAILING) PROVIDED AT THE OUTER EDGE OF BALCONIES, VERANDAS, STAIRCASES, LANDINGS ACCESSIBLE ROOFS OR SIMILAR AREA SHALL HAVE A HEIGHT OF NOT LESS THAN 1100mm AND BE CONSTRUCTED AS TO INHIBIT THE PASSAGE OF ARTICLES MORE THAN 100mm IN THEIR SMALL DIMENSION.
- THE LONGEST 160mm OF THE PROTECTIVE BARRIER AT THE OUTER EDGE OF BALCONIES, VERANDAS, ACCESSIBLE ROOFS OR SIMILAR AREA SHALL BE BUILT SOLID.
- ALL OBLIGATORY DESIGN REQUIREMENTS THE BUILDING (PLANNING) REGULATIONS: 72 AND BARRIER FREE ACCESS 2008 SHALL BE MARKED COMPLY WITH CLEARLY ON PLANS.
- A VERTICAL BARRIER PROVIDED TO SURROUND THE INTERNAL UNPROTECTED OPENING IN FLOORS WITHIN A COMPARTMENT FOR AGAINST SPREAD OF FIRE, SUCH AS THOSE FOR ESCALATORS, CIRCULATION STAIRCASES OR WALKWAYS IN AN ATRIUM, SHALL HAVE AN FRR OF NOT LESS THAN 1 HOUR AND EXTEND NOT LESS THAN 450mm FROM THE UNDERSIDE OF THE FLOOR OR BELOW THE FALSE CEILING IF THE FALSE CEILING ARE HUNG IN THE VICINITY OF THE OPENING.

- ALL LIFT DOORS SHALL HAVE AN FRR OF NOT LESS THAN (1200) MIN.
- CENTRAL A/C TO BE PROVIDED TO THE ENTIRE BUILDING, (EXCEPT CARPARK).
- CENTRALIZED NOT WATER SUPPLY WILL BE PROVIDED TO ALL SHOWERS.
- A NOTICE 'THIS STAIRCASE HAS NO ACCESS TO THE ROOF' WILL BE FIXED ON EVERY FLOOR AS SHOWN ON PLANS FOR THE STAIRCASE ST-1 AND ST-4, WHICH CANNOT LEAD TO THE ROOF.
- FIRE RATED DOORS OR FIRE SHUTTERS FORMING PART OF A FIRE COMPARTMENT WALL HAVING THE WIDTH MORE THAN 25% OF THE LENGTH OF SUCH COMPARTMENT WALL, SHOULD HAVE AN FRR WITH REGARD TO THE CRITERIA OF INTEGRITY AND INSULATION OF NOT LESS THAN THAT OF THE FIRE COMPARTMENT WALL.
- EVERY ROOF SHALL BE WEATHERPROOF.
- ACCESSIBLE BARRIER TO BE ADDED FOR ALL AREA WITH HEAD ROOM LOWER THAN 2000mm HT.
- DRAINAGE WORKS WITH DETAILS SHALL BE SUBMITTED SEPARATELY.
- STRUCTURAL DETAILS WITH CALCULATION SHALL BE SUBMITTED SEPARATELY.
- GRADIENT OF NOT LESS THAN 1:80 SHALL BE PROVIDED IN EXTERNAL PAVED AREA AT GF LEVEL.
- LINING OF INTERNAL WALL, CEILING AND DECORATIVE FINISHES WITHIN THE PROTECTED EXIT SHALL BE COMPLIED WITH E15.1 AND E14.1 IN CODE OF PRACTICE FOR FIRE SAFETY IN BUILDINGS 2011.
- PROTECTIVE BARRIER OF GLASS BALUSTRADE SHALL BE COMPLIED WITH THE REQUIREMENT AS STATED IN PAMP APP-110, BIC08 AND BIC17 TABLE 3.
- RECYCLED PLASTIC STRIP ARE NON-COMBUSTIBLE MATERIAL AND SHALL COMPLY WITH E10.1 IN CODE OF PRACTICE FOR FIRE SAFETY IN BUILDING 2011.
- EVERY OPENING FORMED FOR DUCTS OR PIPES PASSING THROUGH COMPARTMENT WALL OR FLOOR WOULD COMPLY WITH SECTION 08 IN CODE OF PRACTICE FOR FIRE SAFETY IN BUILDINGS 2011.
- ALL META BALUSTRADE WITH 60x60x10mm, WIRE MESH 100x100mm PANEL SHALL BE COMPLIED WITH THE REQUIREMENT AS STATED IN PAMP APP-110, BIC08 AND BIC17 TABLE 3.
- WINDOW WALL DETAILS AND STRUCTURE CALCULATION SHALL BE COMPLY WITH PAMP APP 2.8 APP 37.
- ALL CURTAIN WALL, GLASS WALL AND WINDOW WALL SHALL BE CONSTRUCTED IN COMPLIANCE WITH PAMP APP 37.
- ALL EXTERNAL WALL SHOULD BE COMPLIED BIC083, IF EXTERNAL WALL MATERIALS OTHER THAN PLAN CONCRETE OR REINFORCED CONCRETE, WHICH SHOULD BE PERMANENT, NON-COMBUSTIBLE AND IMPERVIOUS CONSTRUCTION.
- GLAZING MATERIAL OF SKYLIGHT:
- THE GLAZING MATERIALS USED IN SKYLIGHT SHALL NOT BE OF THE TYPE WHICH WILL MELT AND FORM BURNING DROPLETS UNDER FIRE SITUATIONS AND WHEN IT IS SHATTERED, IT SHALL NOT FORM SHARPENING AND HARMFUL PIECES ACCORDING TO PAMP APP-37.
- LAMINATED GLASS SHALL BE USED.
- FRACTURED GLASS PIECES WILL NORMALLY REMAIN ADHERED TO THE PVB INTERLAYER OF THE LAMINATED GLASS AND WILL NORMALLY NOT CAUSE INJURY TO THE PEOPLE.
- STRUCTURAL DESIGN OF SKYLIGHT TO ALLOW FOR MAINTENANCE LOAD ACCORDING TO BIC17.
- DETAIL OF CONSTRUCTION OF SKYLIGHT AND GLAZED ROOF TO BE SUBMITTED SEPARATELY.
- EACH EXIT DOOR SHOULD HAVE A CLEAR WIDTH OF NOT LESS THAN THOSE REQUIRED UNDER TABLE B2 OR CLAUSE B13.4 AND B30.3, WHICHEVER IS GREATER PER COP FOR FIRE SAFETY IN BUILDINGS 2011.
- CTCY AND DIRECT INTERCOM LINK FOR EVERY TRIS SHOULD BE PROVIDED.
- ALL DOOR LOCKING DEVICES ALONG EXIT ROUTE EXCEPT AT THE FINAL DISCHARGE POINT OF THE EXIT ROUTE, THE LOCKING DEVICE SHOULD BE CAPABLE OF BEING READILY OPENED FROM THE INSIDE WITHOUT THE USE OF A KEY OR ELECTRICALLY OPERATED LOCKS SHOULD BE CAPABLE OF AUTOMATIC RELEASE UPON ACTIVATION OF AN AUTOMATIC HEAT OR SMOKE DETECTION SYSTEM OR THE OPERATION OF AN ALARM SYSTEM OR A CENTRAL MANUAL OVERRIDE DESIGNED AND INSTALLED TO THE SATISFACTION OF THE F.S.D.
- CASE IN ANCHOR DEVICE SHOULD BE PROVIDED FOR FALL ARREST SYSTEM AND COMPLY PAMP ADW-11.
- VENTILATION SYSTEM AND AIR PURIFYING FACILITIES SHALL BE PROVIDED TO EXPOSE CHAMBER, WHICH CHAMBER SHALL BE 5 TO 12 L.
- ALL PUBLIC (NON-RESTRICTED) CIRCULATION AREAS INCLUDE IN THE CALCULATION OF USABLE FLOOR AREA BASED ON PAMP APP-154 (d) REQUIREMENT.
- ALL FLAT ROOFS ARE INACCESSIBLE, ONLY ACCESSIBLE TO RESTRICTED PERSONNEL FOR MAINTENANCE WORKS.
- ALL GLAZING ARE CONSTRUCTED ENTIRELY OF NON-COMBUSTIBLE MATERIALS COMPLYING BIC083.
- ALL SLIDING DOOR ARE POWER OPERATED DOOR AND SHALL BE AUTOMATICALLY UNLOCKED AND RELEASED TO OPEN POSITION UPON ACTIVATION OF A SMOKE DETECTION SYSTEM OR THE OPERATION OF FIRE ALARM SYSTEM OR POWER FAILURE.
- A BACK-UP EMERGENCY POWER SUPPLY SHALL BE PROVIDED FOR AT LEAST 20 MINUTES IN POWER FAILURE SITUATION.
- IN CASE OF POWER FAILURE SITUATION, THE SLIDING DOOR SHALL BE DESIGNED TO ALLOW DOORS TO BE OPENED MANUALLY WITH HORIZONTAL FORCE OF NOT MORE THAN 22N.
- DOORS REQUIRED TO HAVE FIRE RESISTANCE PERIOD INSTALLED ALONG ACCESSIBLE ROUTES SHALL BE OPENED WITH HORIZONTAL FORCE OF NOT MORE THAN 30N.
- ALL ROOFS, TOGETHER WITH THE MEMBERS FORMING ROOF STRUCTURE, ARE CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS.



LOCATION PLAN 1:2000

LEGEND & ABBREVIATIONS:

1. GENERAL & ABBREVIATION

- EXISTING FINISHING LEVEL
- STRUCTURAL FLOOR LEVEL
- FINISHED FLOOR LEVEL
- FINISH FLOOR LEVEL
- STRUCTURAL FLOOR LEVEL
- FINISHED LEVEL
- SITE BOUNDARY
- OUTRAIN TRACK TYPE 1
- VENETIAN BLINDS TYPE 1
- REINFORCED CEMENT CONCRETE WORK
- INSULATION WALL
- GYPSUM BLOCK WALL SYSTEM W FRR (240/240)
- DISABLED SIGN FOR TEMPORARY REFUGE SPACE (SIZE: 100x100x2mm THK, S.S. PANEL)
- DISABLED LIFT SIGN (SIZE: 100x100x2mm THK, S.S. PANEL)
- DISABLED LIFT SIGN (SIZE: 100x100x2mm THK, S.S. PANEL)
- BRaille AND TACTILE FLOOR PLAN
- SIGNS FOR STAIRCASE HAS NO ACCESS TO ROOF
- FIRE EXIT MAP
- MECHANICAL VENTILATION & ARTIFICIAL LIGHTING
- FRESH AIR INTAKE
- EXHAUST AIR LOUVER
- ARTIFICIAL LIGHTING
- PIPE DUCT
- FLOOR DRAIN
- SURFACE CHANNEL
- STRUCTURAL FLOOR LEVEL
- FINISH FLOOR LEVEL
- T.S.L.
- TOP SOIL LEVEL
- GENERAL SPECIFICATION FOR BUILDING 2012 EDITION METAL LOUVER
- TEMPORARY REFUGE SPACE (1500 X 1500 / 1500 X 750 X 2XCS)
- INTERNAL COVERED CHANNEL
- ANY HOLE IN SUCH COVER OR BETWEEN SUCH COVERS SHALL HAVE A DIMENSION OF NOT MORE THAN 20mm.
- SLOT OF GRATING SHALL HAVE A WIDTH OF NOT MORE THAN 13mm AND SHALL NOT BE PARALLEL WITH PEDESTRIAN TRAVEL PATH.
- EXTERNAL COVERED CHANNEL
- ANY HOLE IN SUCH COVER OR BETWEEN SUCH COVERS SHALL HAVE A DIMENSION OF NOT MORE THAN 20mm.
- SLOT OF GRATING SHALL HAVE A WIDTH OF NOT MORE THAN 13mm AND SHALL NOT BE PARALLEL WITH PEDESTRIAN TRAVEL PATH.
- CARPARK ENTRANCE COVERED CHANNEL
- ANY HOLE IN SUCH COVER OR BETWEEN SUCH COVERS SHALL HAVE A DIMENSION OF NOT MORE THAN 20mm.
- SLOT OF GRATING SHALL HAVE A WIDTH OF NOT MORE THAN 13mm AND SHALL NOT BE PARALLEL WITH PEDESTRIAN TRAVEL PATH.
- FRESH AIR INTAKE
- FRESH AIR DUCT
- EXHAUST AIR DUCT

2. FITTINGS LEGENDS & ABBREVIATIONS

- WATER CLOSET
- SINK UNIT
- WASH HAND BASIN
- URINAL
- EYE WASH MACHINE
- HAND DRYER
- SHOWER & SHOWER HEAD WITH MIXER VALVE
- DIRECTIONAL TILES
- HAZARD WARNING TILES
- WATER TAP

FIRE SERVICES

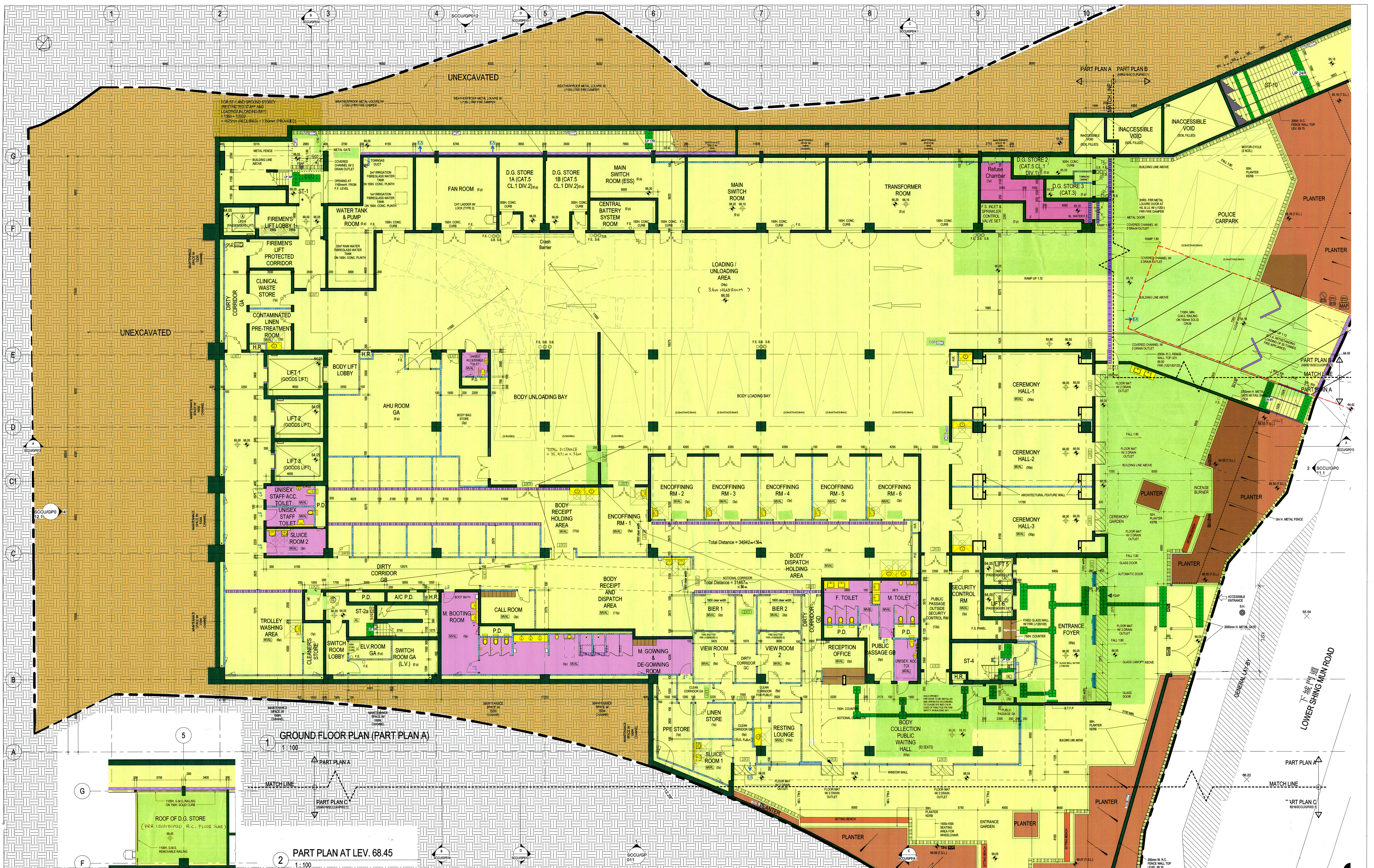
- (13030) F.R. SELF-CLOSING SINGLE LEAF DOOR W/ SMOKE SEAL
- (13030) F.R. SELF-CLOSING SINGLE LEAF DOOR W/ VISION PANELS FOR ALL FIRE EXIT DOORS W/ SMOKE SEAL
- (40080) F.R. SELF-CLOSING SINGLE LEAF DOOR W/ SMOKE SEAL
- (40080) F.R. SELF-CLOSING SINGLE LEAF DOOR W/ VISION PANELS FOR ALL FIRE EXIT DOORS W/ SMOKE SEAL
- (120120) F.R. SELF-CLOSING DOUBLE LEAF DOOR W/ SMOKE SEAL
- (120120) F.R. SELF-CLOSING DOUBLE LEAF DOOR W/ VISION PANELS FOR ALL FIRE EXIT DOORS W/ SMOKE SEAL
- (120120) F.R. SELF-CLOSING DOUBLE LEAF DOOR W/ SMOKE SEAL
- (120120) F.R. SELF-CLOSING DOUBLE LEAF DOOR W/ VISION PANELS FOR ALL FIRE EXIT DOORS W/ SMOKE SEAL
- (120120) F.R. SELF-CLOSING DOUBLE LEAF DOOR W/ VISION PANELS FOR ALL FIRE EXIT DOORS W/ SMOKE SEAL
- ACCESS PANEL WITH (13030) FRR (SELF-CLOSING)
- ACCESS PANEL WITH (40080) FRR (SELF-CLOSING)
- ACCESS PANEL WITH (120120) FRR (SELF-CLOSING)
- ACCESS PANEL WITH (240/240) FRR (SELF-CLOSING)
- SLIDING DOOR (SEE GENERAL NOTES 39)
- TYPICAL DOOR CLEAR OPENING
- NOT FOR FIRE EXIT
- FIRE SHUTTER WITH (13030) FRR (RS-VPS-2VRS-3)
- DOOR WITHOUT LOCK
- (40080) F.R. SELF-CLOSING SINGLE LEAF DOOR W/ VISION PANELS FOR ALL FIRE EXIT DOORS AND FAIL-SAFE ELECTRICAL DOOR LOCK

COLOR INDICATION:

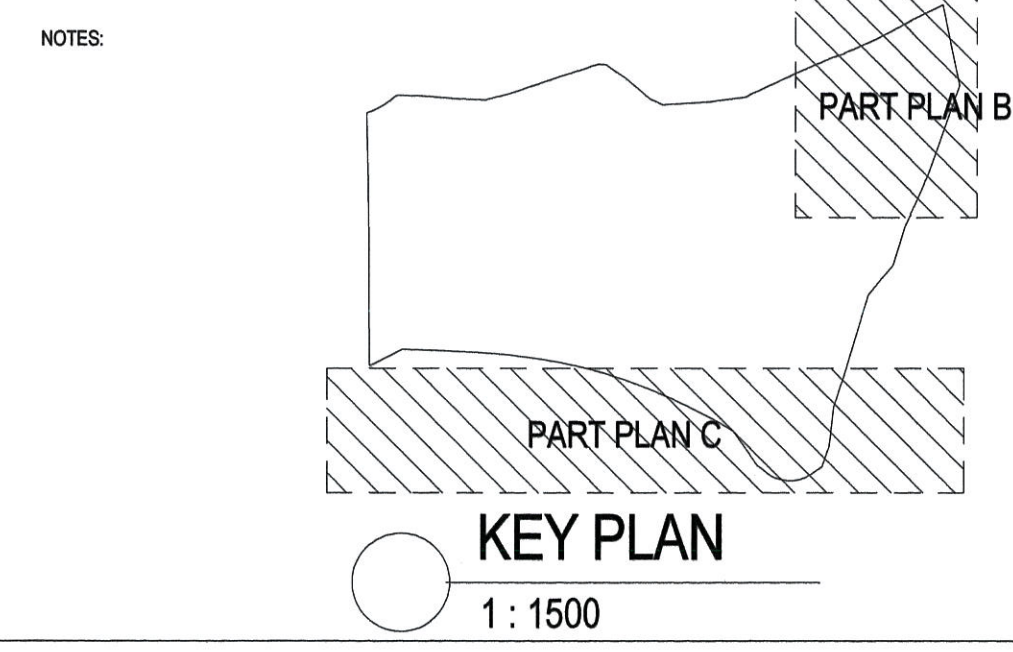
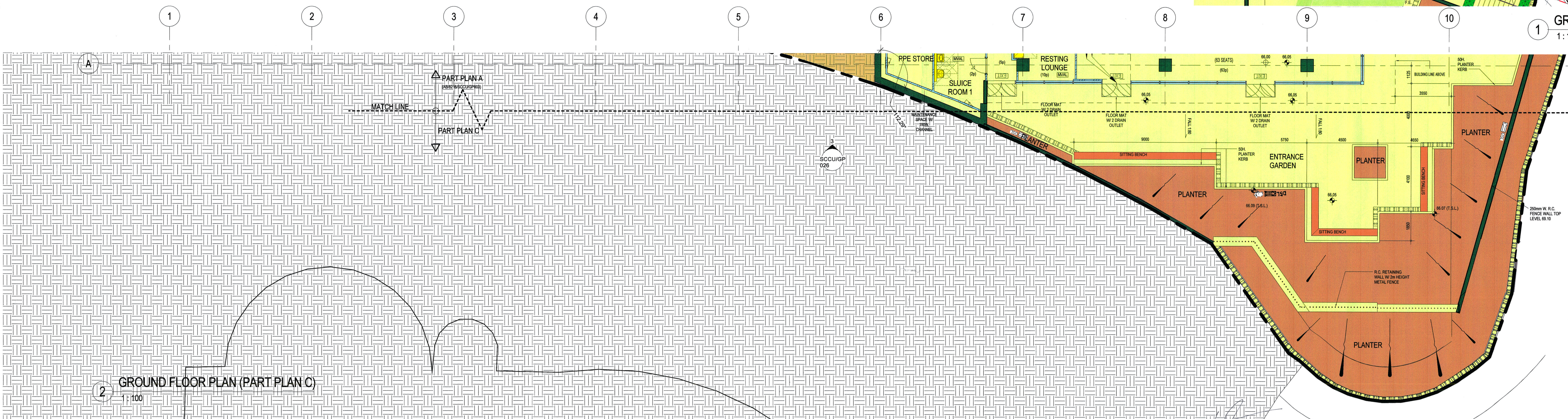
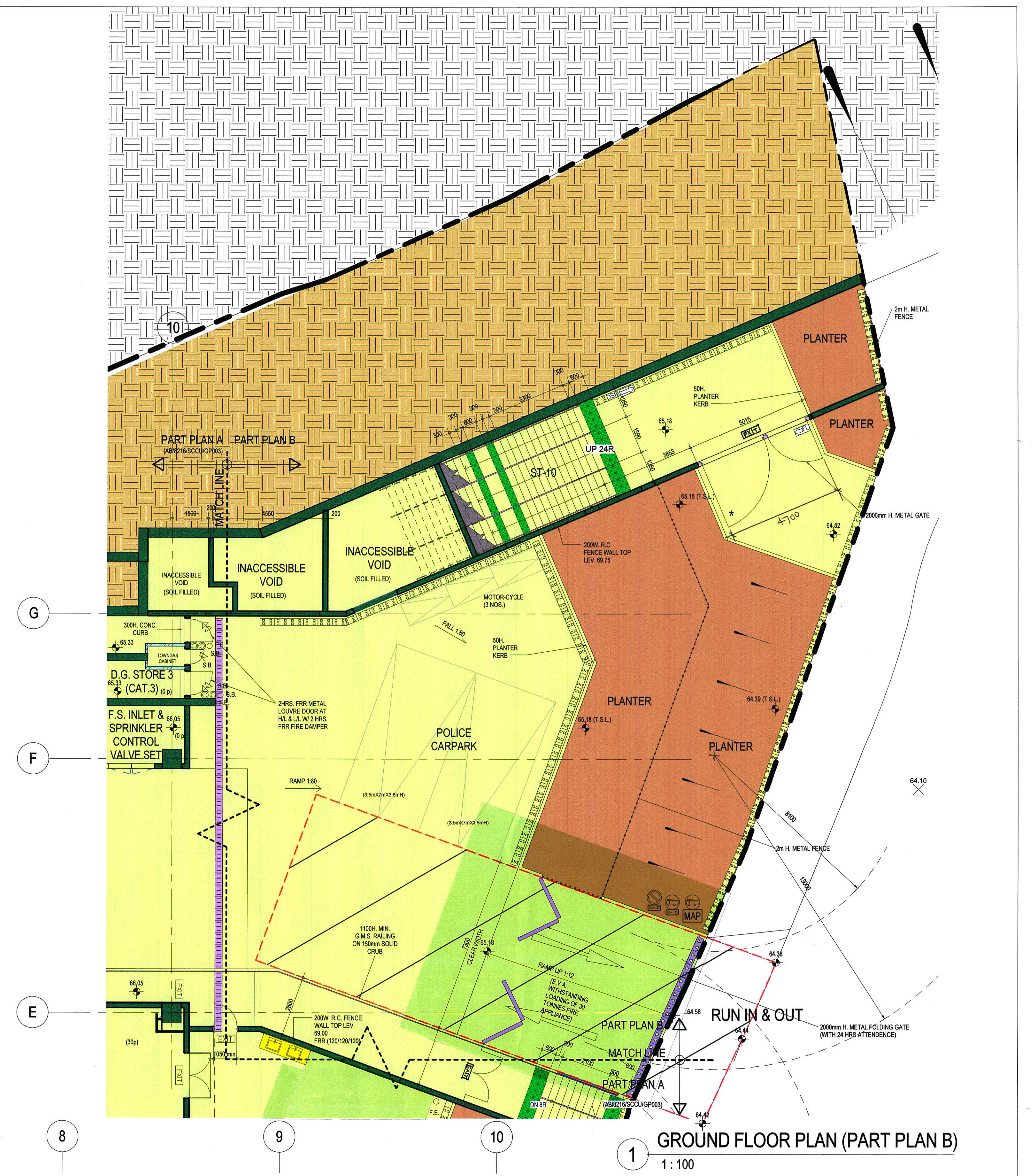
- HARDCORE OR DRYFILL
- PLASTER OR CEMENT RENDERING
- BRICK
- IMPERMEABLE/ NON-ABSORBENT FLOOR OR WALL
- CONCRETE SLAB (LIGHT WASH)
- GLASS
- CONCRETE SLAB (PLAN OR REINFORCED)
- TIMBER
- SOLID CONCRETE BLOCKS
- METAL WORK OR STEEL
- HOLLOW CONCRETE BLOCKS
- STONE FINISH
- LIGHTWEIGHT PARTITION
- SANITARY FITTINGS
- PROVISION FOR DISABLED
- PLANTER
- GYPSUM BLOCK WALL

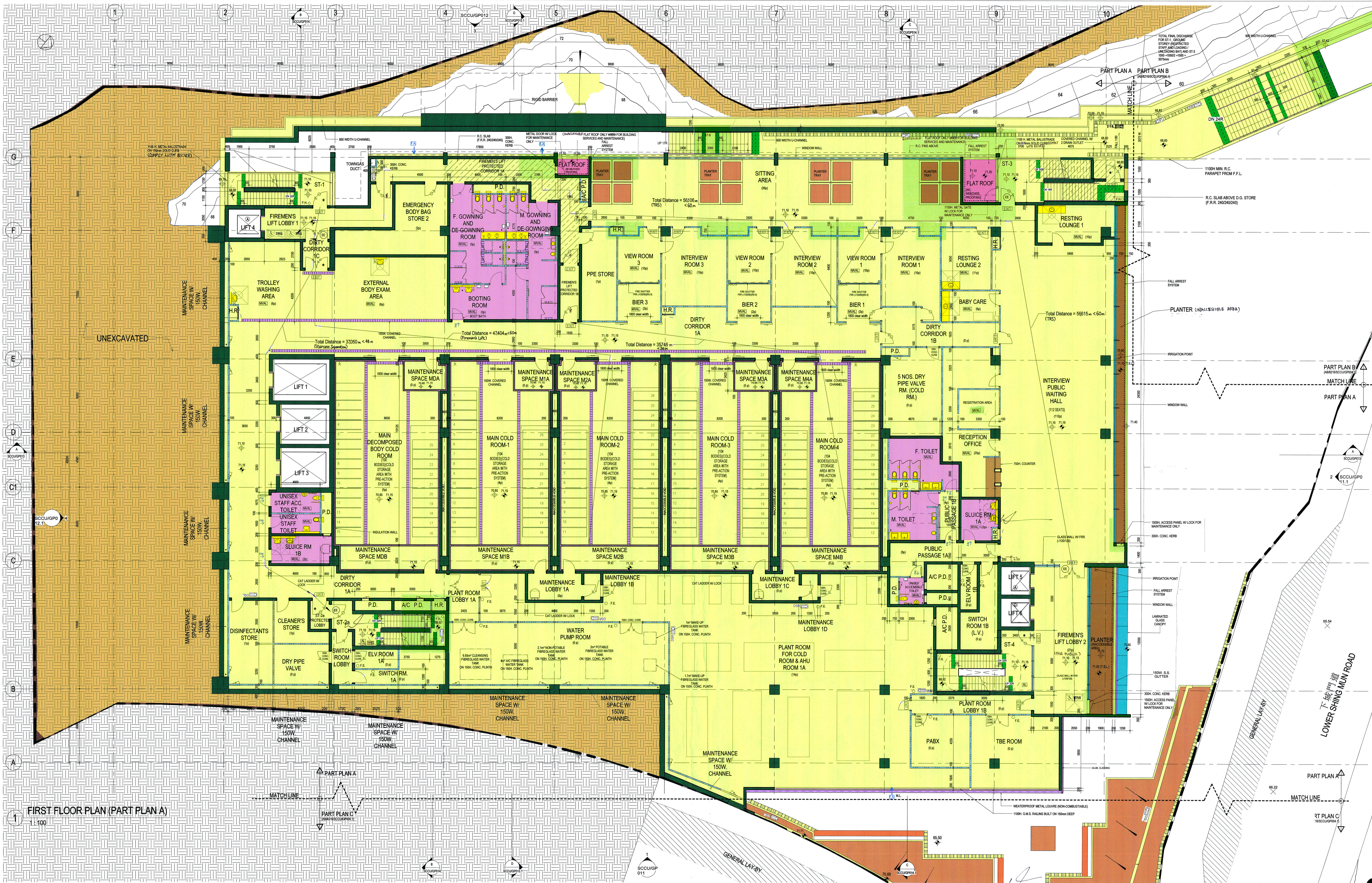


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F	83542.000	83012.000
G	83534.000	83000.000
H	83526.000	82988.000
I	83518.000	82976.000
J	83510.000	82964.000
K	83502.000	82952.000
L	83494.000	82940.000
M	83486.000	82928.000
N	83478.000	82916.000
O	83470.000	82904.000
P	83462.000	82892.000
Q	83454.000	82880.000
R	83446.000	82868.000
S	83438.000	82856.000
T	83430.000	82844.000
U	83422.000	82832.000
V	83414.000	82820.000
W	83406.000	82808.000
X	83398.000	82796.000
Y	83390.000	82784.000
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13	83278.000	82616.000
14	83270.000	82604.000
15	83262.000	82592.000
16	83254.000	82580.000
17	83246.000	82568.000
18	83238.000	82556.000
19	83230.000	82544.000
20	83222.000	82532.000
21	83214.000	82520.000
22	83206.000	82508.000
23	83198.000	82496.000
24	83190.000	82484.000
25	83182.000	82472.000
26	83174.000	82460.000
27	83166.000	82448.000
28	83158.000	82436.000
29	83150.000	82424.000
30	83142.000	82412.000
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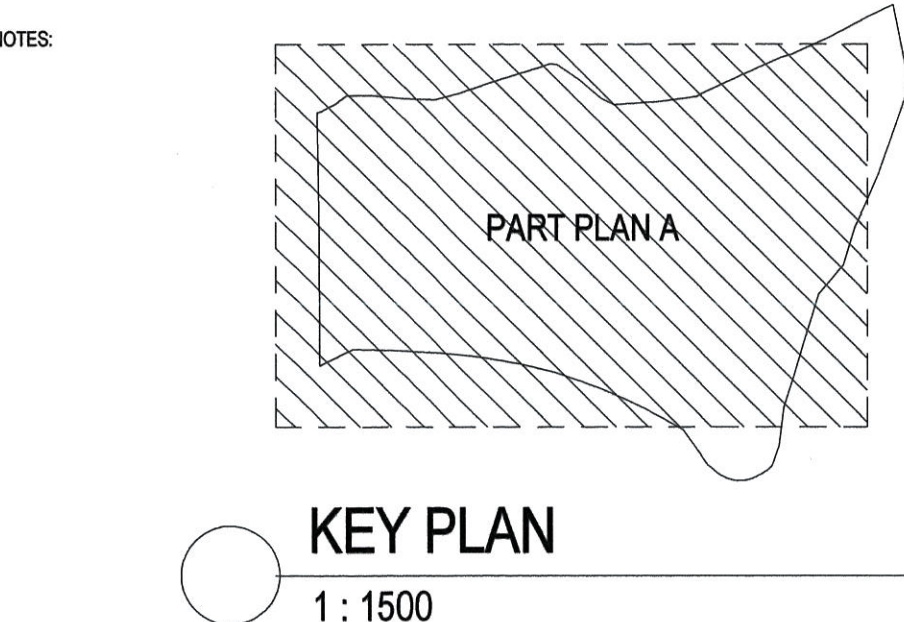
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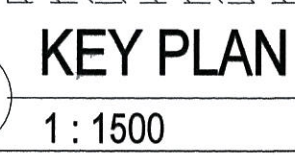


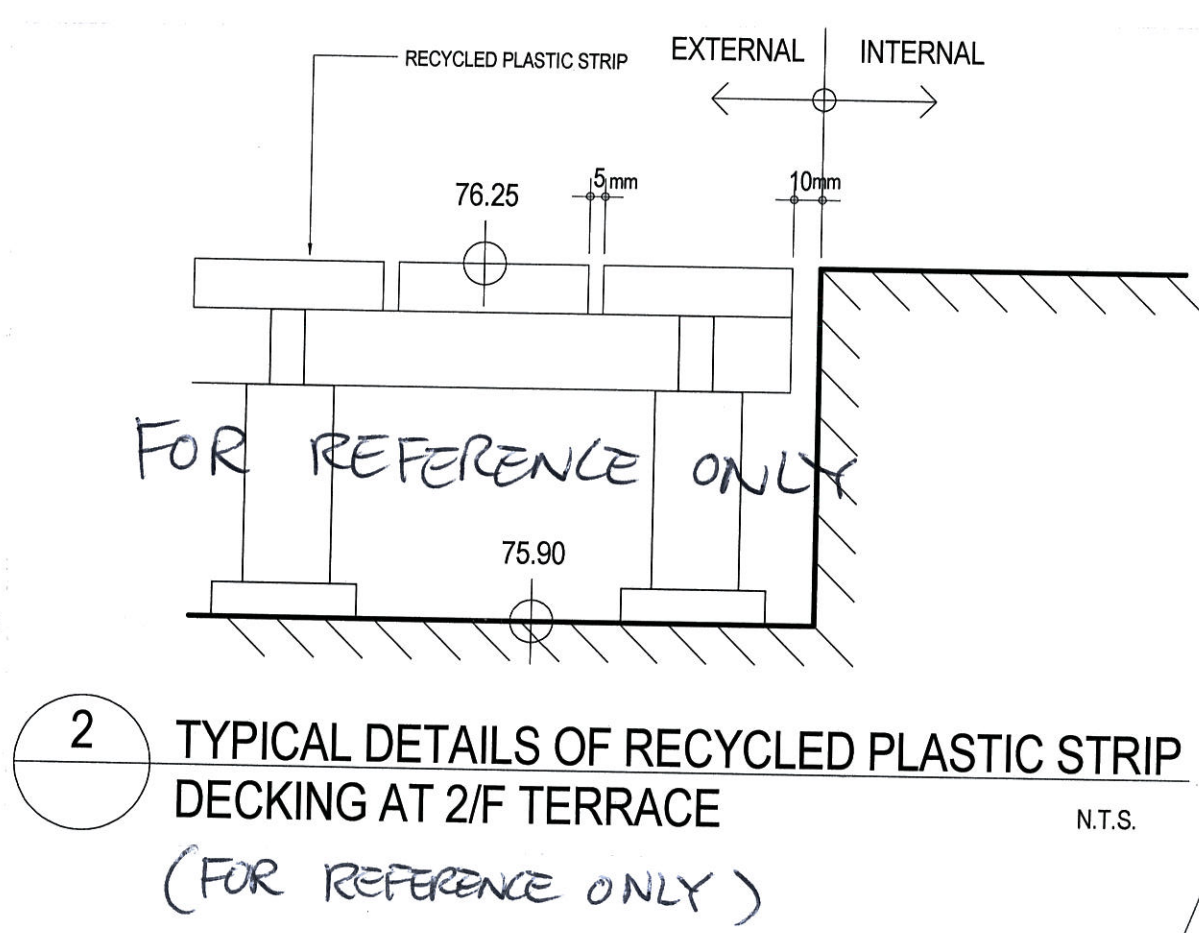
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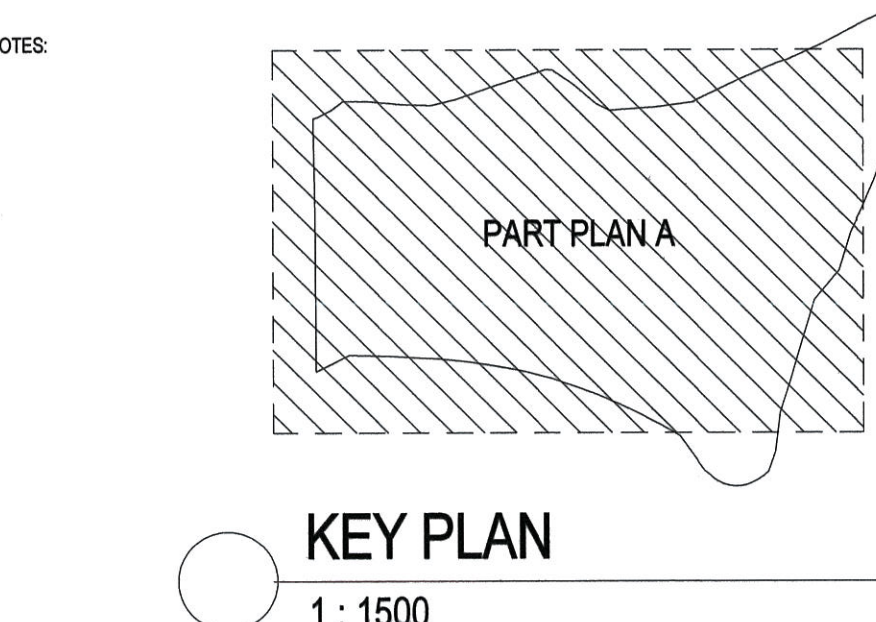


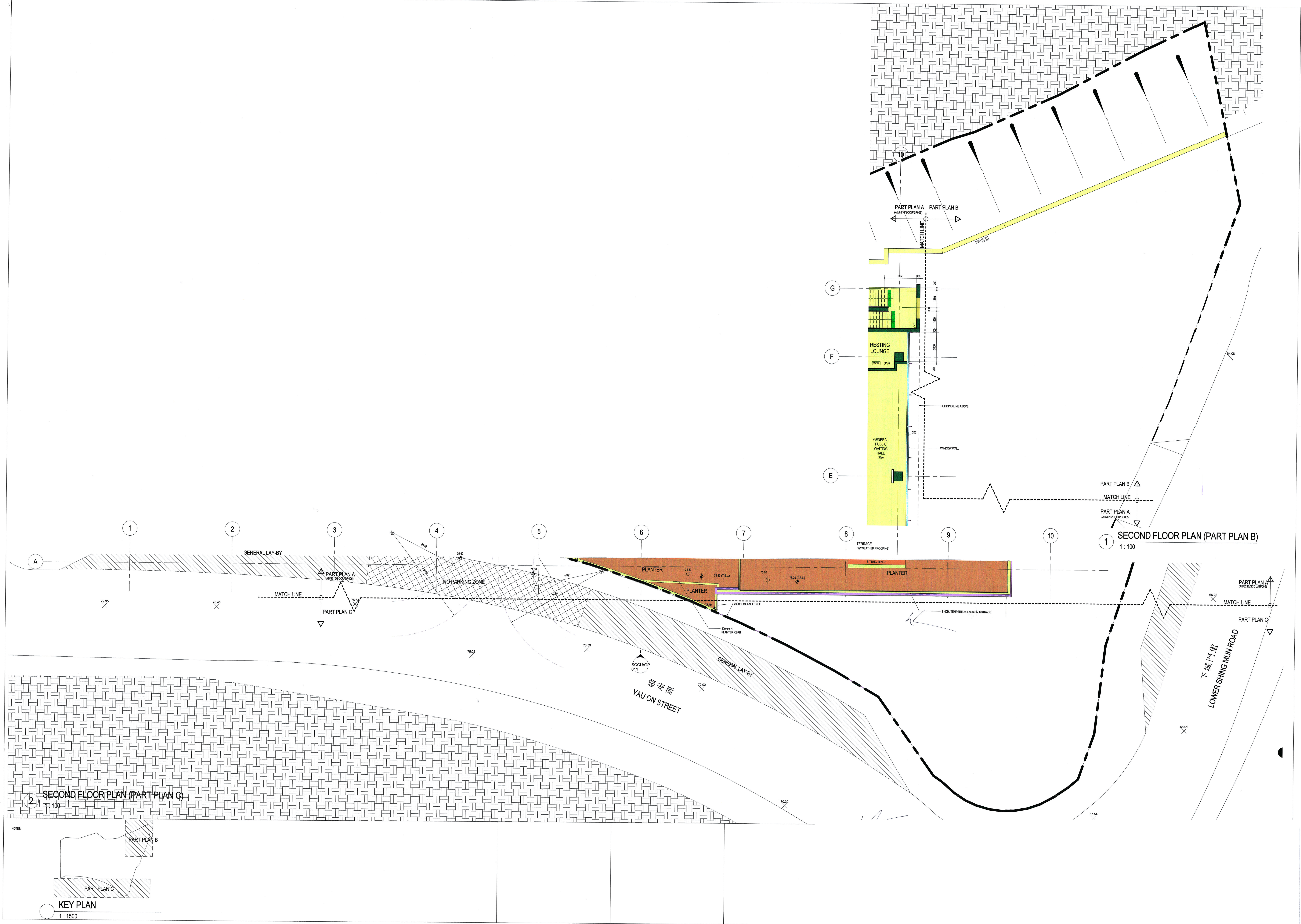
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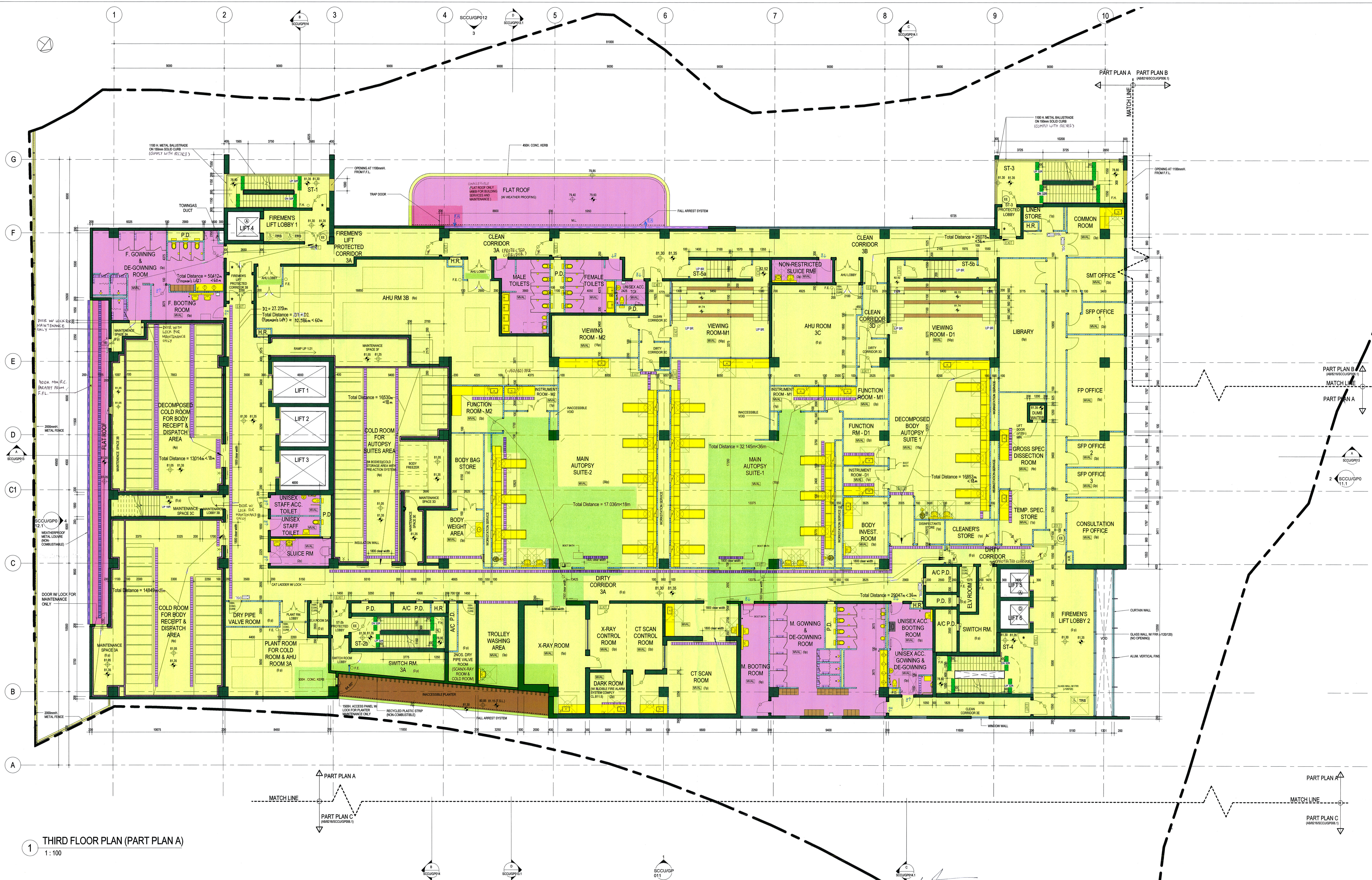




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1 THIRD FLOOR PLAN (PART PLAN A)
1:100

