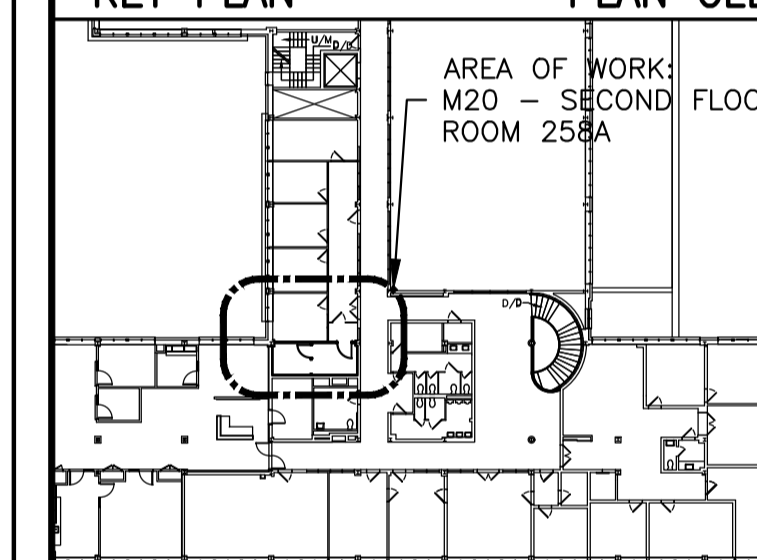


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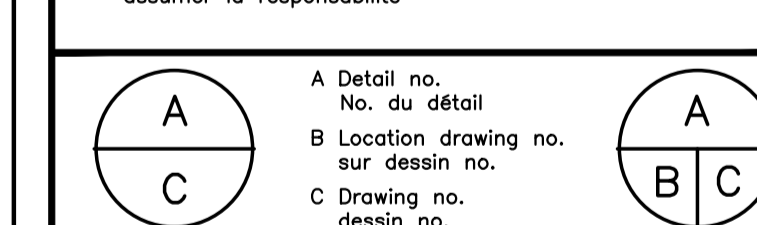
**KEY PLAN / PLAN CLÉ**



No.	Date	Revision	By
3	13/08/2023	ISSUED FOR TENDER	JDG
2	01/08/2023	ISSUED FOR TRANSLATION	JDG
1	23/06/2023	ISSUED FOR 99% COMMENT & REVIEW	JDG

Date Printed DD MM YYYY / Date imprimée

- Verify all dimensions and site conditions and be responsible for same.
- Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité.



project: ROOM 258A SERVER ROOM RENO / projet

MONTREAL ROAD CAMPUS / dessin

drawing: DEMOLITION AND CONSTRUCTION PLANS / dessin

designed: JDG / conçu: JDG / date: 23/06/2023 / date

drawn: JDG / dessiné: JDG / scale: AS NOTED / échelle

checked: FG / vérifié: FG / sheet: A01 of/de A01 / feuille

approved: FG / approuvé: FG / W.O.no.: / D.T.no.:

dwg.no.: 6178-A01 / dessin no. / ACAO file: / fichier CDAO:

**DEMOLITION NOTES SHEET A01 ONLY**

- EXISTING INTERIOR PARTITION ASSEMBLY TO BE REMOVED AND DISPOSED OF OFF SITE.
- EXISTING INTERIOR DOUBLE DOOR, COMPLETE WITH DOOR FRAME, AND DOOR HARDWARE TO BE REMOVED AND DISPOSED OF OFF SITE.
- EXTENT OF EXISTING CARPET TILE (TOP LAYER) AND VINYL COMPOSITE TILE FLOORING (BOTTOM LAYER) TO BE REMOVED AND DISPOSED OF OFF SITE. GRIND EXISTING GLUES AND ADHESIVES FOR SMOOTH, LEVEL SUBFLOOR. PATCH AND REPAIR SUBFLOOR WITH SELF LEVELING CEMENT AS REQUIRED. REFER TO SPECIFICATIONS AND MANUFACTURERS RECOMMENDATIONS.
- EXTENT OF EXISTING ACOUSTIC CEILING TILES, T-BAR SYSTEM AND ALL REDUNDANT HANGERS, SUPPORTS, ATTACHMENTS TO BE REMOVED WITHIN PLENUM SPACE.
- REMOVE ALL EXISTING PLASTER WALL FINISHES AND ASSOCIATED MUD AND WIRE MESH WITHIN ROOM 258A; REFER TO ABATEMENT SPECIFICATIONS. EXISTING TERRACOTTA BLOCK TO REMAIN.
- TERMINATE PLASTER WALL REMOVAL AT EDGE OF COLUMN AS INDICATED.
- PROVIDE AND INSTALL DUST PROTECTION THROUGHOUT DURATION OF PROJECT. ZIPWALL SYSTEM OR 13mm PLYWOOD ON WOOD STUDS COMPLETE WITH MANDOOR ACCESS. HEIGHT: TOP OF FINISHED FLOOR TO UNDERSIDE OF CEILING.

**CONSTRUCTION NOTES SHEET A01 ONLY**

- NEW INTERIOR PARTITION; REFER TO PARTITION ASSEMBLY.
- NEW SINGLE MAN DOOR; REFER TO DOOR AND HARDWARE SCHEDULE.
- EXTENT OF NEW STATIC DISSIPATIVE TILE W/ BUSBAR. COMPLETE INSTALLATION AS PER FLOOR MANUFACTURER'S INSTRUCTIONS. REFER TO SPECIFICATIONS.  
TYPE: STATIC DISSIPATIVE BY ARMSTRONG  
PATTERN: ARMOUR GRAY - 5195
- EXTENT OF NEW 610mm x 610mm SUSPENDED CEILING SYSTEM; REFER TO SPECIFICATIONS. PROVIDE ADDITIONAL T-BAR AT PERIMETER OF WALL BETWEEN NEW AND EXISTING ROOMS AND CUT PANELS AS REQUIRED (ROOM 254 AND 258E).
- NEW MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS AND DETAILS.
- CONSTRUCT CURB ENCLOSURE AS SHOWN WITH MILL FINISH ALUM. (22GA) COUNTER FLASHING TOP CAP SEALED INTO ROOF MEMBRANE ON "SOPREMA" OR SIMILAR BASE SHEET ON 19MM DENS DECK BOARD ON 50MMX200MM STUD FRAME. FIX 12MM PRESSURE TREATED PLYWOOD TO TOP OF ENCLOSURE. COORDINATE LOCATION WITH OTHER TRADES. CURB BASE TO EXTEND APPROX. 152mm PAST DIMENSIONS OF BASE OF NEW MECHANICAL UNIT.
- FILL VOID WITH BATT INSULATION.
- NEW MODIFIED BITUMEN BASE AND CAP SHEET. 2 PLY TO OVERLAP EXISTING ROOFING MEMBRANE 305mm AND EXTEND VERTICALLY TO UNDERSIDE OF NEW CURB FLASHING.
- LIQUID APPLIED MEMBRANE.
- APPLY CONTINUOUS FIRE SEALANT BEAD UNIFORMLY AND SEAL JOINTS BETWEEN GYPSUM BOARD AND ADJACENT MATERIAL. ENSURE FULL AND CONTINUOUS CONTACT AND SEAL BETWEEN SEALANT BEAD AND SURFACES. APPLY FIRE RATED SEALANT BEAD TO ALL LAYERS ON EACH SIDE OF METAL STUD.
- PLUG ENDS OF CONDUIT WITH FIRE RATED SEALANT AT COMPLETION OF ALL WIRING. PROVIDE 38mm DEEP INSULATION BACKUP.
- PROVIDE CONTINUOUS JOINT FILLER AND TAPE AT JOINT BETWEEN GYPSUMBOARD AND PLYWOOD.
- METAL CONDUIT; REFER TO ELECTRICAL.
- 16mm PLYWOOD COLLAR.
- OPENING TO SUIT MECHANICAL EQUIPMENT. FINISH INSIDE FACE OF OPENING WITH 16mm TYPE "X" GYPSUM BOARD. COORDINATE OPENING WITH NRC DEPARTMENTAL REPRESENTATIVE.
- 19mm PLYWOOD BACKING INSTALLED INSIDE WALL TO SUIT NEW A/C UNIT (2 TOTAL) AND ELECTRICAL PANEL; REFER TO MECHANICAL AND ELECTRICAL.

**FINISHES NOTES SHEET A01 ONLY**

**WALL BASE:**  
 INSTALL NEW RUBBER WALL BASE NEW 150mm RUBBER BASEBOARDS WITHIN SCOPE OF WORK; REFER TO SPECIFICATION.  
 ROOM 258A:  
 TYPE: JOHNSONITE. TRADITIONAL WALL BASE  
 COLOR: 48 GREY  
 ROOM 258E & 254: MATCH EXISTING COLOR.

**PAINT:**  
 ALL NEW WALLS WITHIN SCOPE OF WORK; REFER TO SPECIFICATIONS:  
 TYPE: SHERWIN WILLIAMS  
 COLOR: ELDER WHITE - SW 7014

ALL DOORS AND DOOR FRAMES WITHIN SCOPE OF WORK; REFER TO SPECIFICATIONS:  
 TYPE: SHERWIN WILLIAMS  
 COLOR: GAUNTLET GREY - SW 7019

- ALL WALLS AND DOORS WITHIN SCOPE OF WORK TO BE PAINTED UNLESS OTHERWISE NOTED. PATCH, REPAIR, AND MAKE GOOD (CLEAN) ALL EXISTING PLASTER, GYPSUM BOARD, CONCRETE BLOCK (WALLS, BULKHEAD, AND COLUMNS). TAPE MUD AND PREPARE NEW SURFACES TO RECEIVE ONE COAT OF PRIMER AND TWO COATS OF PAINT FINISH. REFER TO SPECIFICATIONS.
- MUD, PATCH AND PREPARE ALL EXISTING SURFACES WITHIN SCOPE OF WORK AND MAKE GOOD TO RECEIVE ONE COAT OF PRIMER AND TWO COATS OF PAINT FINISH. REFER TO SPECIFICATIONS.

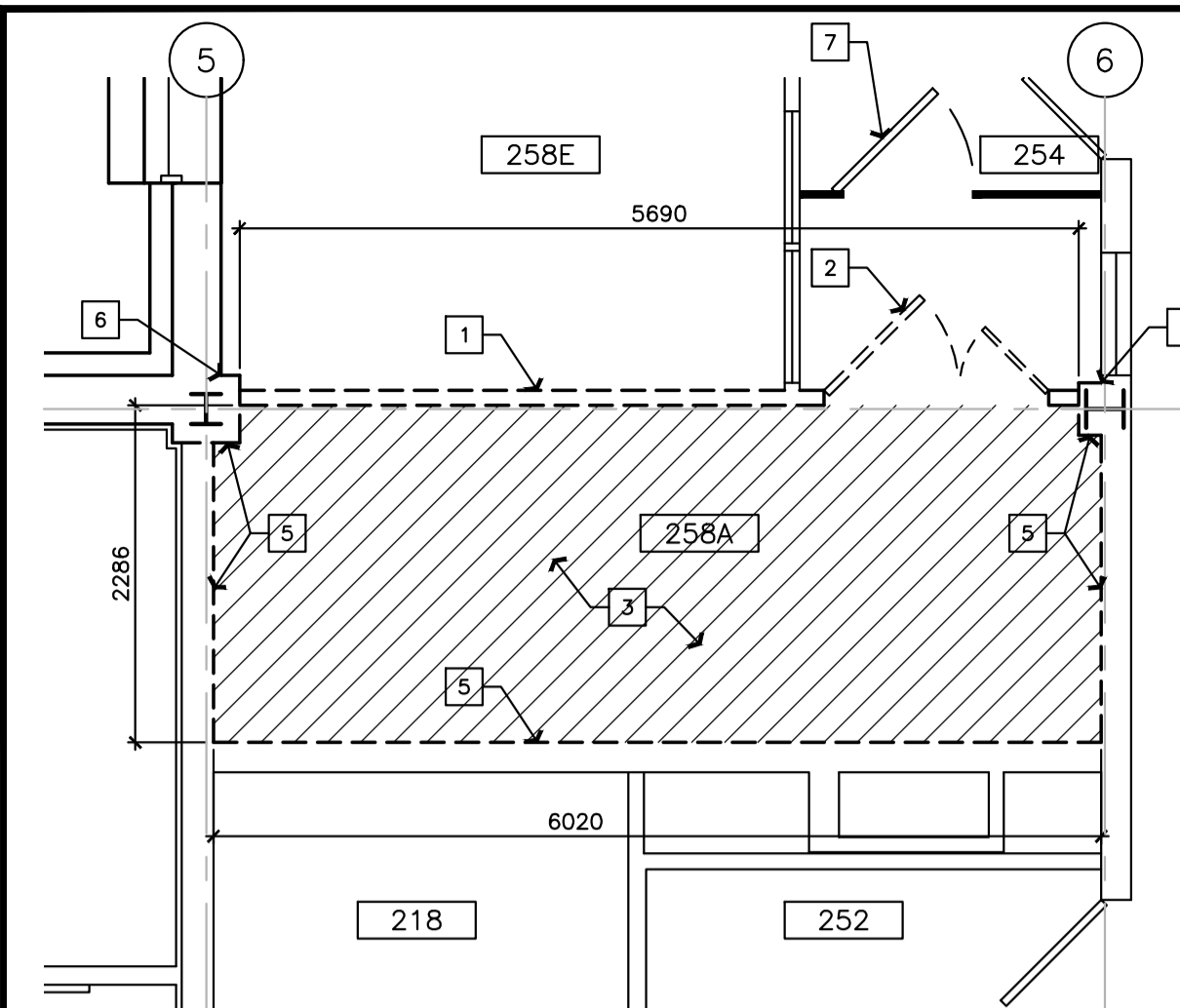
Detail	Description	Height
P1	2 LAYERS 16mm TYPE "X" GB 92mm STEEL STUDS @405mm SPACING 92mm SOUNDPROOF INSULATION BY ROCKWOOL 1 LAYERS 16mm TYPE "X" GB	HEIGHT= UNDERSIDE OF STRUCTURE
P2	1 LAYERS 16mm TYPE "X" GB 92mm STEEL STUDS @405mm SPACING 1 LAYERS 16mm TYPE "X" GB	HEIGHT= 150mm ABOVE SUSPENDED CEILING
P3	64mm STEEL STUDS @405mm SPACING 1 LAYERS 16mm TYPE "X" GB	HEIGHT= 150mm ABOVE SUSPENDED CEILING

**NOTES:**

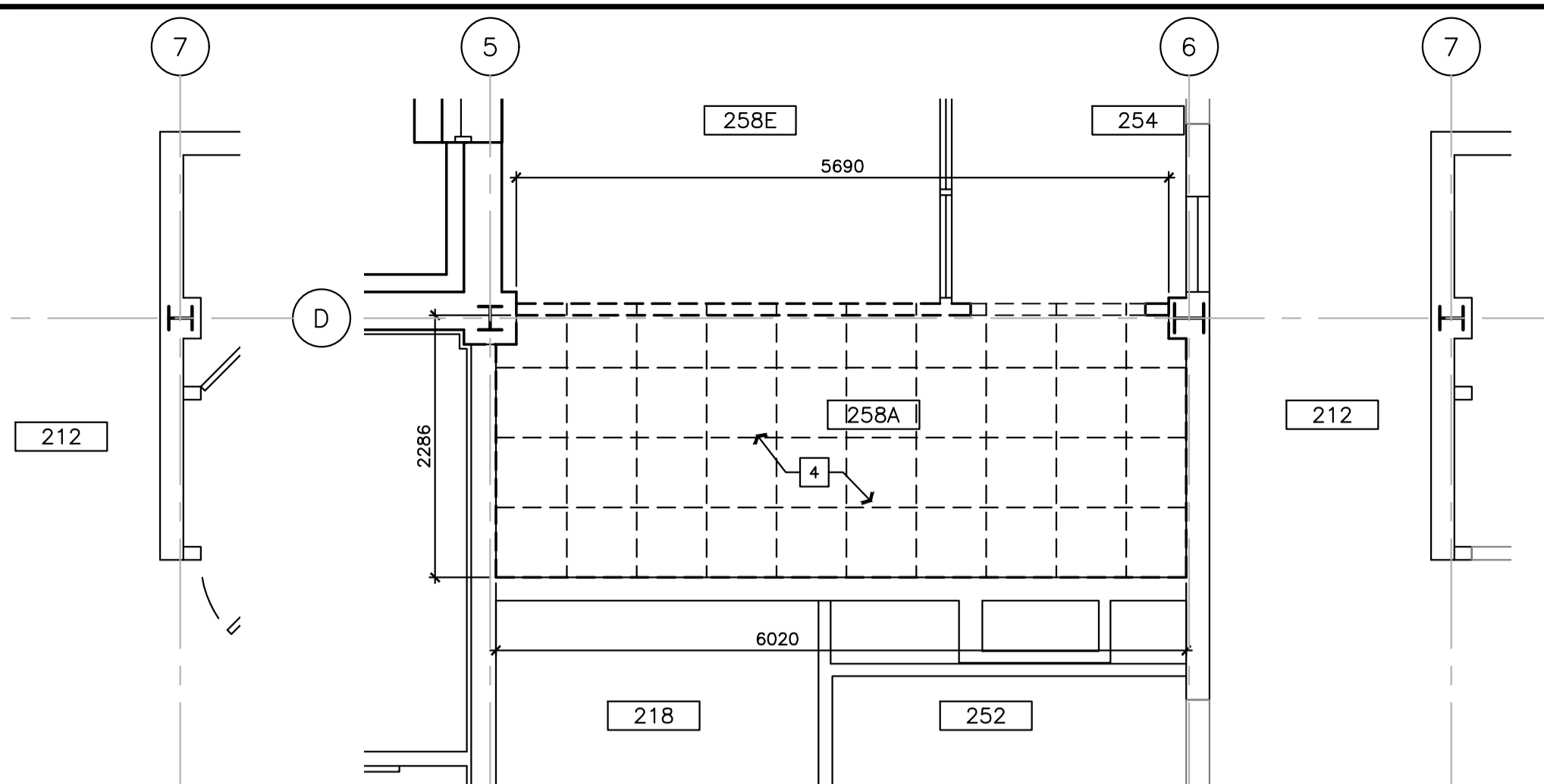
- ACOUSTIC CAULKING MUST BE APPLIED BETWEEN THE GYPSUM BOARD AND ALL ADJACENT SURFACES TO PREVENT SOUND LEAKAGE THROUGH SPACES AND GAPS.
- SECURE ALL WALLS SLAB-TO-SLAB, FROM TOP OF STRUCTURAL FLOOR TO UNDERSIDE OF STRUCTURAL FLOOR.
- MINIMIZE DUCTS AND SERVICE PASS-TROUGHS WHERE POSSIBLE. WHERE PASS-TROUGHS ARE REQUIRED, FRAMES OPENINGS WITH STUDS TO WITHIN 25mm OF THE PIPE/ CONDUIT AND THE PIPE OR CONDUIT SECURED TO THE STUD FRAMING AT MINIMUM TWO PLACES. EXTEND THE GYPSUM WALL BOARD TO THE EDGE OF THE PIPE OR CONDUIT. CAULK ALL GAPS WITH FIRE RATED SEALANT.
- WHERE NECESSARY TO ACCOMMODATE PIPE OR CONDUIT MOVEMENT OR EXPANSION, ENCLOSE PIPES AND CONDUITS IN A CLOSE-FITTING SHEET METAL SLEEVE AND THE SLEEVE MECHANICALLY FASTENED TO THE STUD FRAMING AT MINIMUM TWO PLACES. 7mm MINIMUM CLEARANCE BETWEEN THE SLEEVE AND THE PIPE OR CONDUIT.

DOOR No.	ROOM NAME	DOOR			FRAME		HARDWARE PACKAGE
		WIDTH	HEIGHT	THICKN.	TYPE	FINISH	
D01	ROOM 258A	1015	2032	45	SOLID WOOD	A PNT	1
D02	ROOM 258A	915	2032	45	SOLID WOOD	A PNT	2

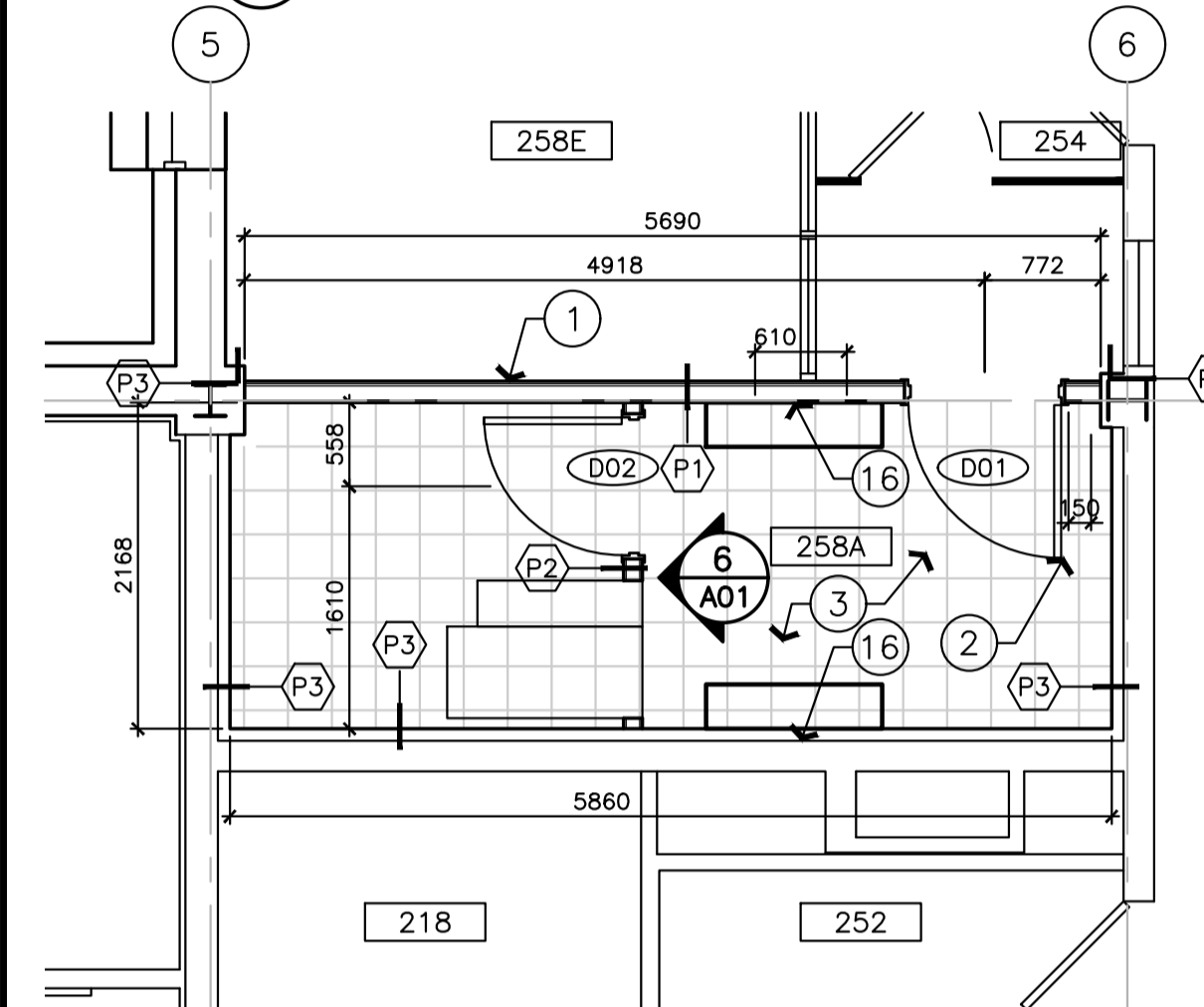
- HARDWARE GROUPS:**
- GROUP 1:
- 3 HINGES
  - 1 ELECTRIFIED LEVER
  - 1 DOOR STRIKE TO SUIT
  - 1 ELECTRIC POWER TRANSFER
  - 1 ACOUSTIC GASKETS (PERIMETER)
  - 1 DOOR BOTTOM SEAL
  - 1 DOOR CLOSER
  - 2 KICK PLATES
  - 1 DOOR HOLDER
  - 1 DOOR STOP
- GROUP 2:
- 3 HINGES
  - 1 STOREROOM LATCHING DEVICE
  - 1 DOOR STRIKE TO SUIT
  - 1 DOOR CLOSER
  - 2 KICK PLATES
  - 1 DOOR HOLDER



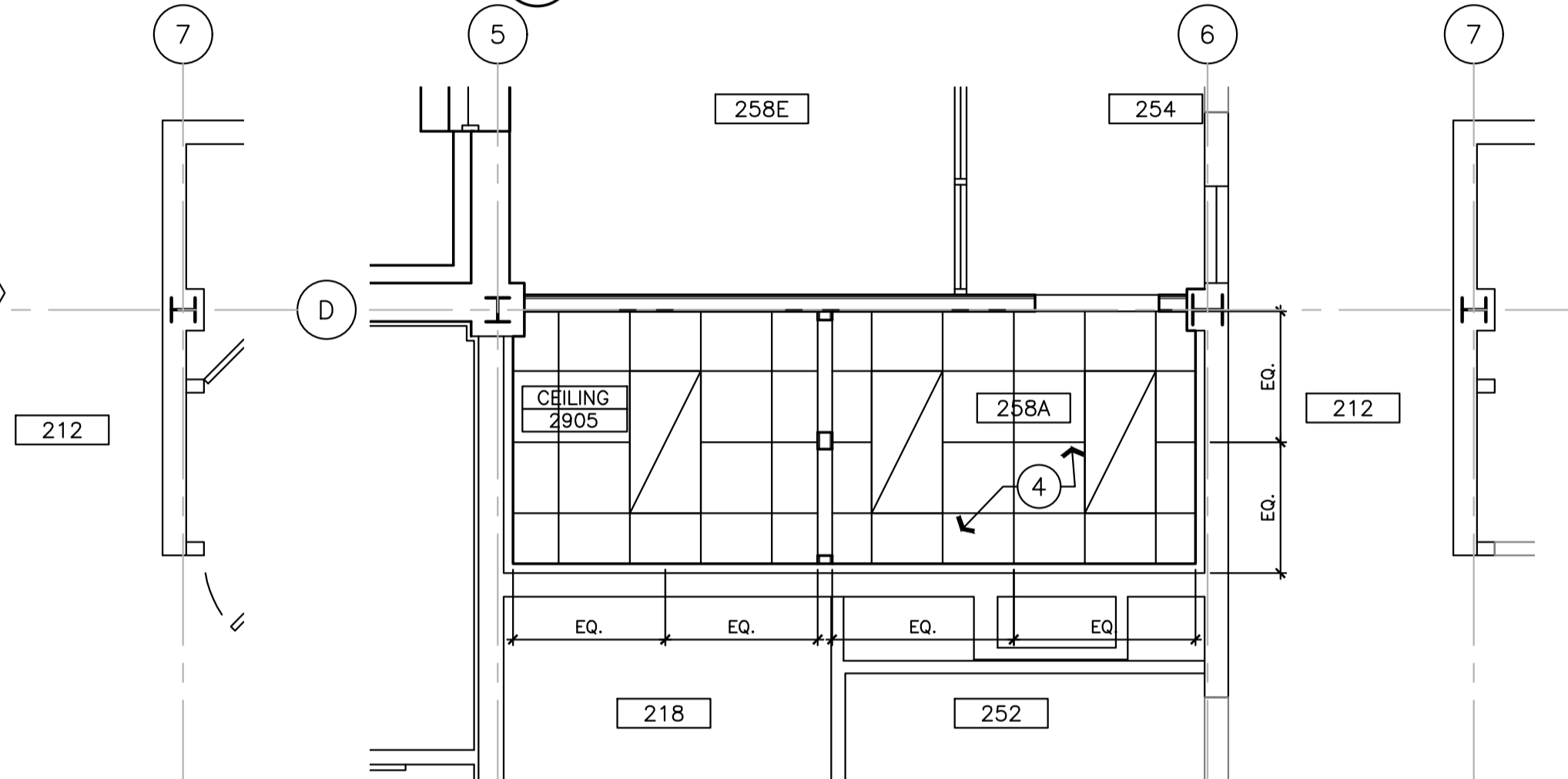
**1 DEMOLITION PLAN**  
 SCALE = 1 : 50



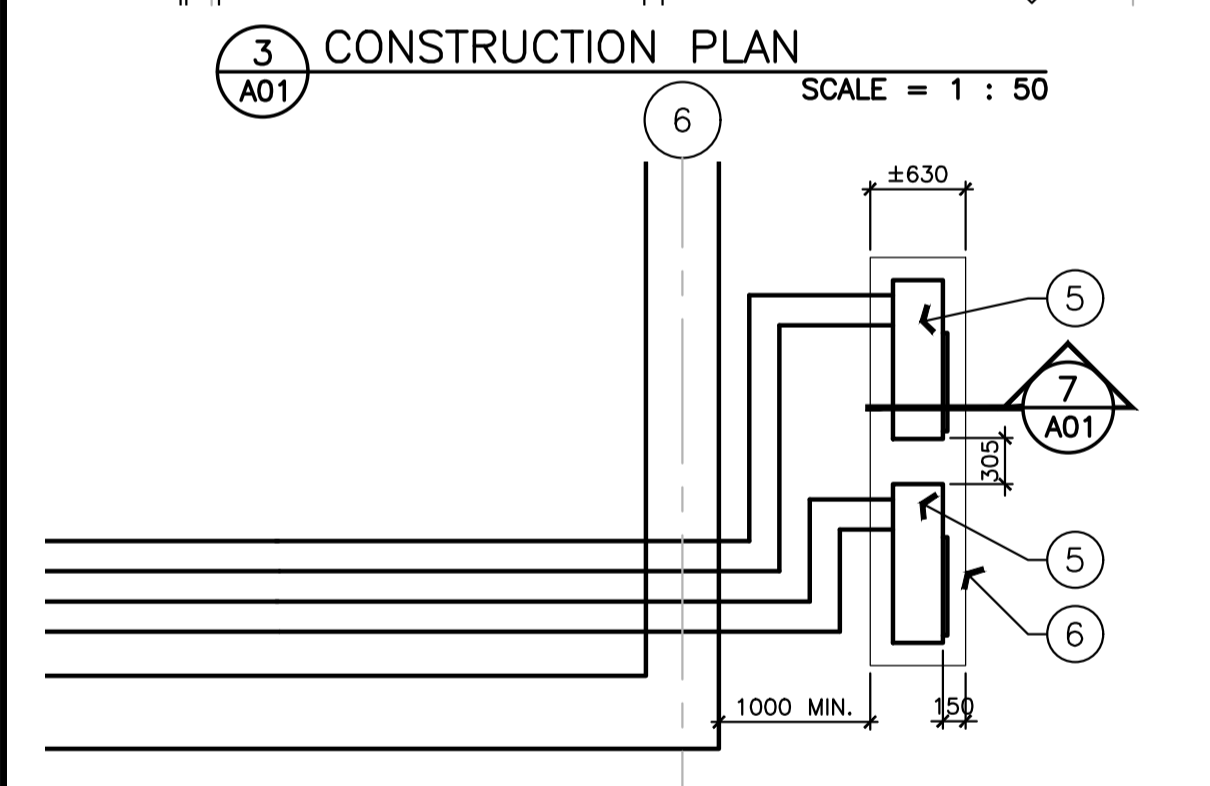
**2 DEMOLITION REFLECTED CEILING PLAN**  
 SCALE = 1 : 50



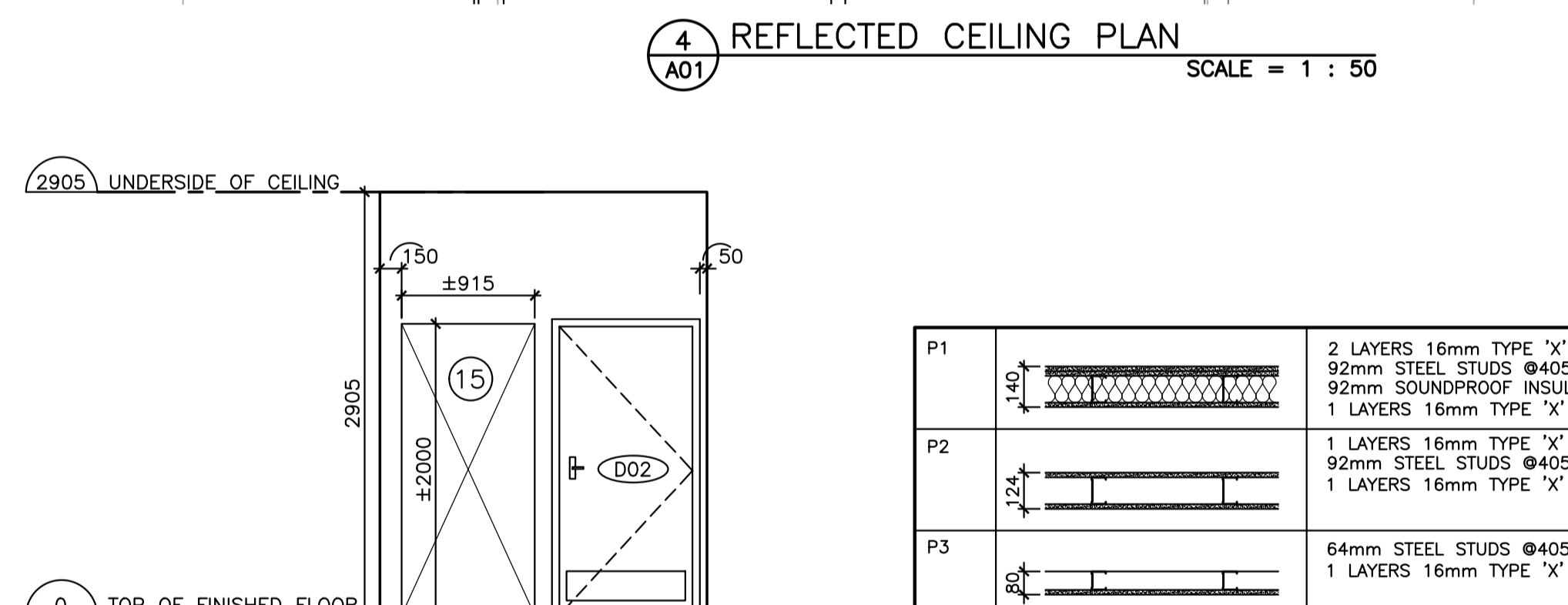
**3 CONSTRUCTION PLAN**  
 SCALE = 1 : 50



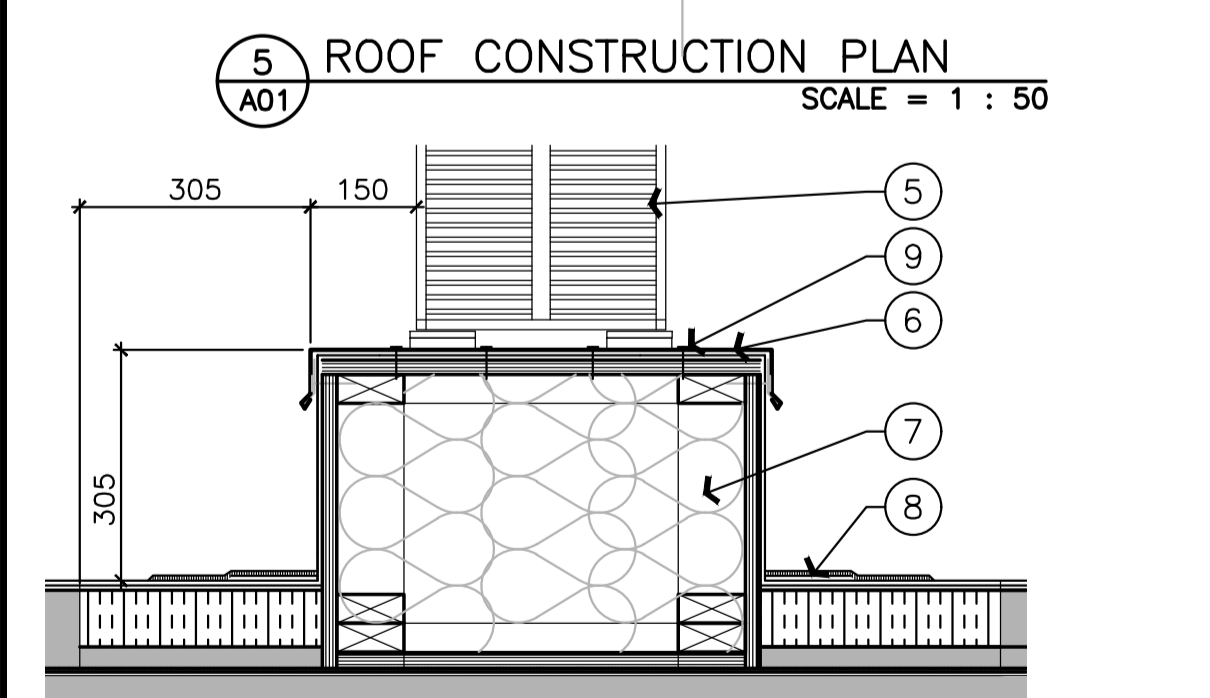
**4 REFLECTED CEILING PLAN**  
 SCALE = 1 : 50



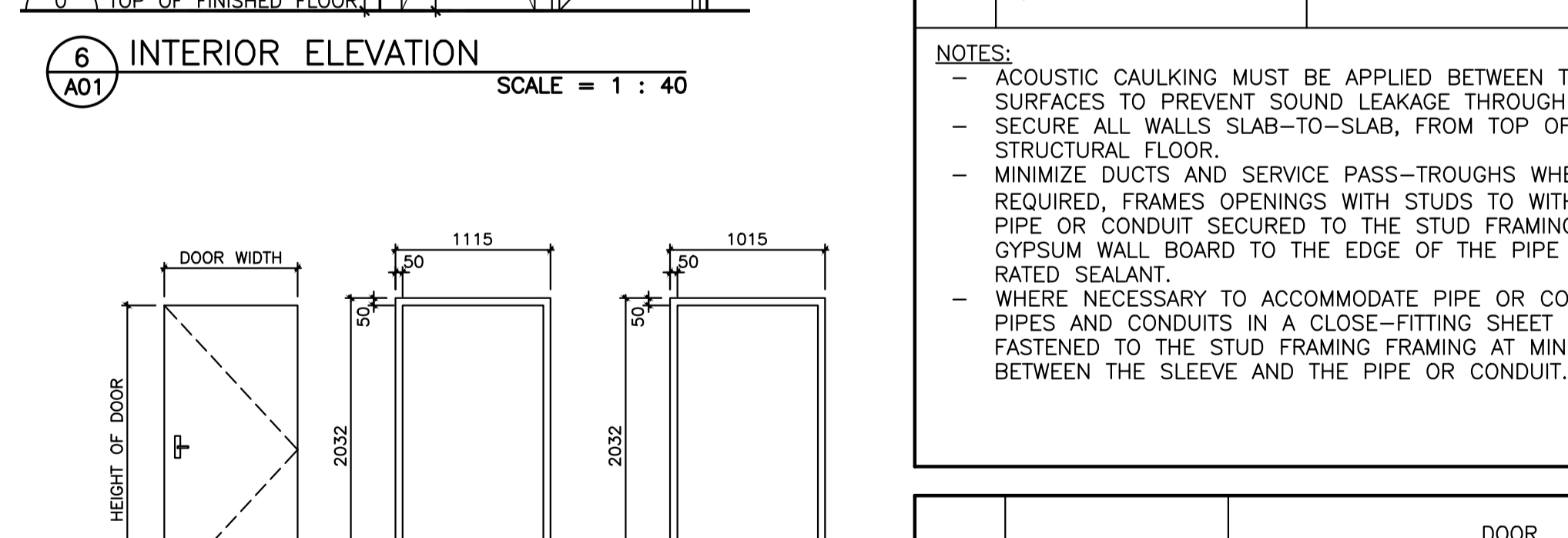
**5 ROOF CONSTRUCTION PLAN**  
 SCALE = 1 : 50



**6 INTERIOR ELEVATION**  
 SCALE = 1 : 40



**7 SECTION DETAIL @ ROOF CURB**  
 SCALE = 1 : 10



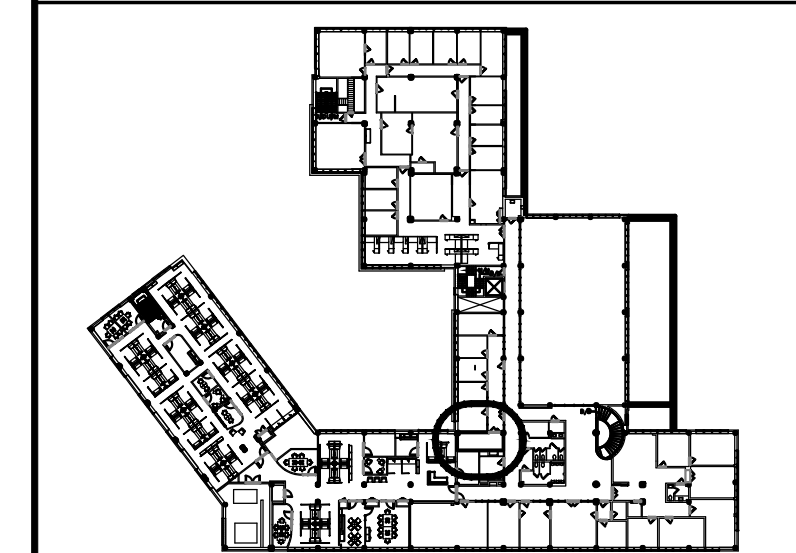
**8 SECTION DETAIL @ INTERIOR WALL PENETRATIONS**  
 SCALE = 1 : 40



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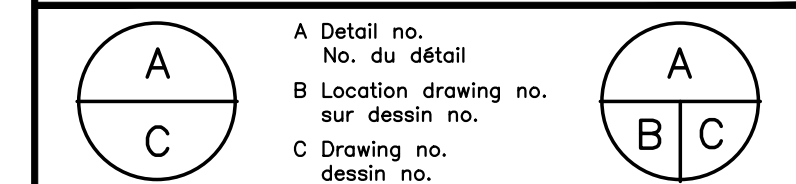
KEY PLAN / PLAN CLÉ



No.	Date	Revision	By:
2	13/09/2023	ISSUED FOR TENDER	ZM
1	01/08/2023	ISSUED FOR TRANSLATION	ZM
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Date Printed / Date imprimée

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project / projet  
**BUILDING M-20 ROOM 258A SERVER ROOM RENOVATION**  
 MONTREAL ROAD CAMPUS

drawing / dessin  
**MECHANICAL PLANS, PIPING DIAGRAM, AND SCHEDULES**

designed / conçu	date	scale	sheet	of/de	feuille
ZM	JULY 2023	AS NOTED	1	of/de	1
checked / vérifié	JWG	approved / approuvé	FG	W.O.no.	D.T.no.

dwg.no. / dessin no.  
**6178-M01**

MECHANICAL DRAWING SYMBOLS LEGEND

	TYPICAL EXISTING
	TYPICAL NEW
	TYPICAL DEMOLITION / REMOVALS
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	REFRIGERANT GAS
	REFRIGERANT LIQUID
	CONDENSATE DRAIN
	PIPE UP
	PIPE DOWN
	CLEAN OUT
	SANITARY TRAP
	UNION
	REDUCER - CONCENTRIC
	BALL VALVE
	CIRCUIT BALANCING VALVE
	STRAINER
	FLEXIBLE CONNECTION
	AIR VENT
	BAS SMART SENSOR
	REMOTE CONTROLLER

DEMOLITION NOTES:

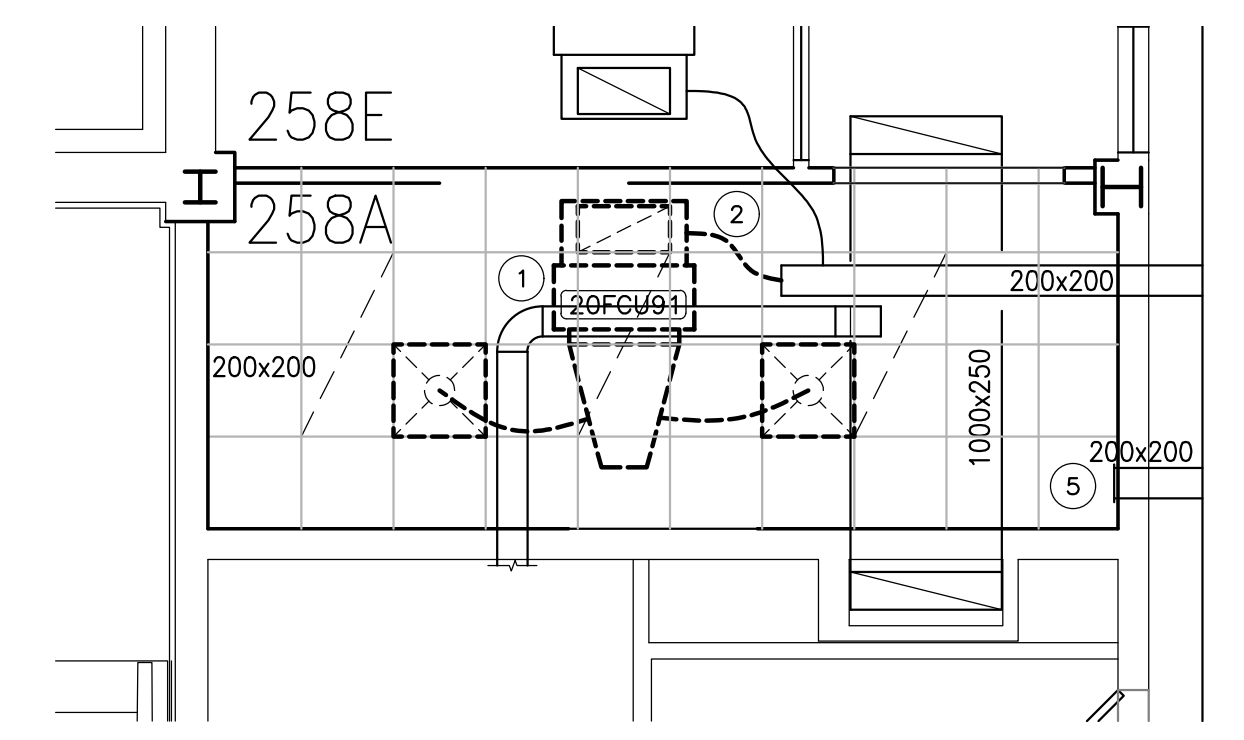
- DISCONNECT AND REMOVE EXISTING FAN COIL UNIT C/W ALL RELATED DUCTWORK, SUPPLY DIFFUSERS, RETURN GRILLE, AND CONTROLS.
- REMOVE FLEXIBLE FRESH AIR DUCT BACK TO MAIN AND CAP.
- REMOVE PART OF EXISTING CONDENSATE DRAIN AND CHILLED WATER PIPE, CAP FOR FUTURE CONNECTION.
- TEMPORARILY REMOVE EXISTING BAS SMART SENSOR. KEEP THE SMART SENSOR FOR RE-INSTALLATION ON THE NEW PARTITION WALL.
- EXISTING FRESH AIR SUPPLY GRILLE TO REMAIN.

NEW WORK NOTES:

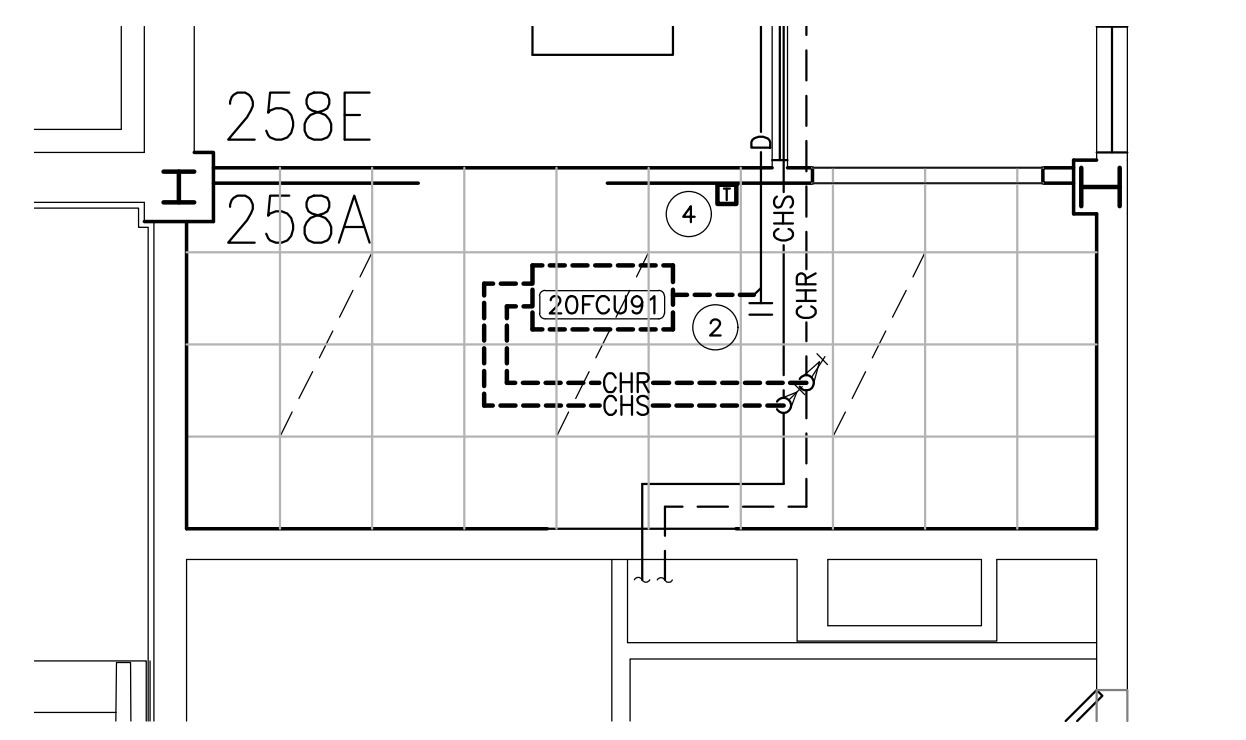
- PROVIDE NEW CHILLED WATER IN-ROW COOLING UNIT C/W CONDENSATE DRAIN PIPING, AND CHILLED WATER SUPPLY & RETURN PIPING AS SHOWN. CONNECT CHILLED WATER PIPING TO EXISTING. REFER TO SCHEDULE FOR EQUIPMENT DETAIL. REFER TO PIPING DIAGRAM FOR PIPE SIZES, VALVES, AND ACCESSORIES.
- PROVIDE NEW CONDENSATE HUB DRAIN C/W SANITARY TRAP. CONNECT TO EXISTING. PROVIDE NEW CONDENSATE PUMP DISCHARGE PIPES. CONNECT TO HUB DRAIN VIA INDIRECT CONNECTION. REFER TO PIPING DIAGRAM IN DETAIL & FOR PIPING ACCESSORIES. INSULATE CHILLED WATER PIPE AS PER SPEC.
- PROVIDE (2) SPLIT AC WALL-HUNG INDOOR UNITS. REFER TO SCHEDULE FOR EQUIPMENT DETAILS. MOUNT INDOOR UNITS ON THE WALL WITH TOP OF THE UNITS 200 mm BELOW CEILING.
- PROVIDE NEW REFRIGERANT PIPING, CONNECT TO OUTDOOR UNITS. PROVIDE NEW CONDENSATE PUMP DISCHARGE PIPE, CONNECT TO HUB DRAIN VIA INDIRECT CONNECTION AS SHOWN. INSULATE REFRIGERANT AND CONDENSATE PIPE AS PER SPEC.
- PROVIDE WALL PENETRATION ENCLOSURES FOR ALL FOUR REFRIGERANT PIPING PENETRATIONS. ENCLOSURE TO BE TITAN OUTLET MODEL TOS-510-W, MANUFACTURED BY AIREX MANUFACTURING INC. OR APPROVED EQUAL. REFER TO DRAWING 6178-A01 FOR WALL PENETRATION DETAIL.
- RE-INSTALL BAS SMART SENSOR ON THE WALL, 1500 mm ABOVE FINISHED FLOOR.
- INSTALL WIRED CONTROLLER FOR SPLIT AC UNITS ON THE WALL, 1500 mm ABOVE FINISHED FLOOR, NEXT TO SMART SENSOR. REFER TO BAS NOTES BELOW.
- PROVIDE (2) SPLIT AC OUTDOOR UNITS. REFER TO SCHEDULE FOR EQUIPMENT DETAILS. REFER TO DRAWING 6178-A01 FOR CURB DETAIL.

BAS NOTES AND SEQUENCE OF OPERATION:

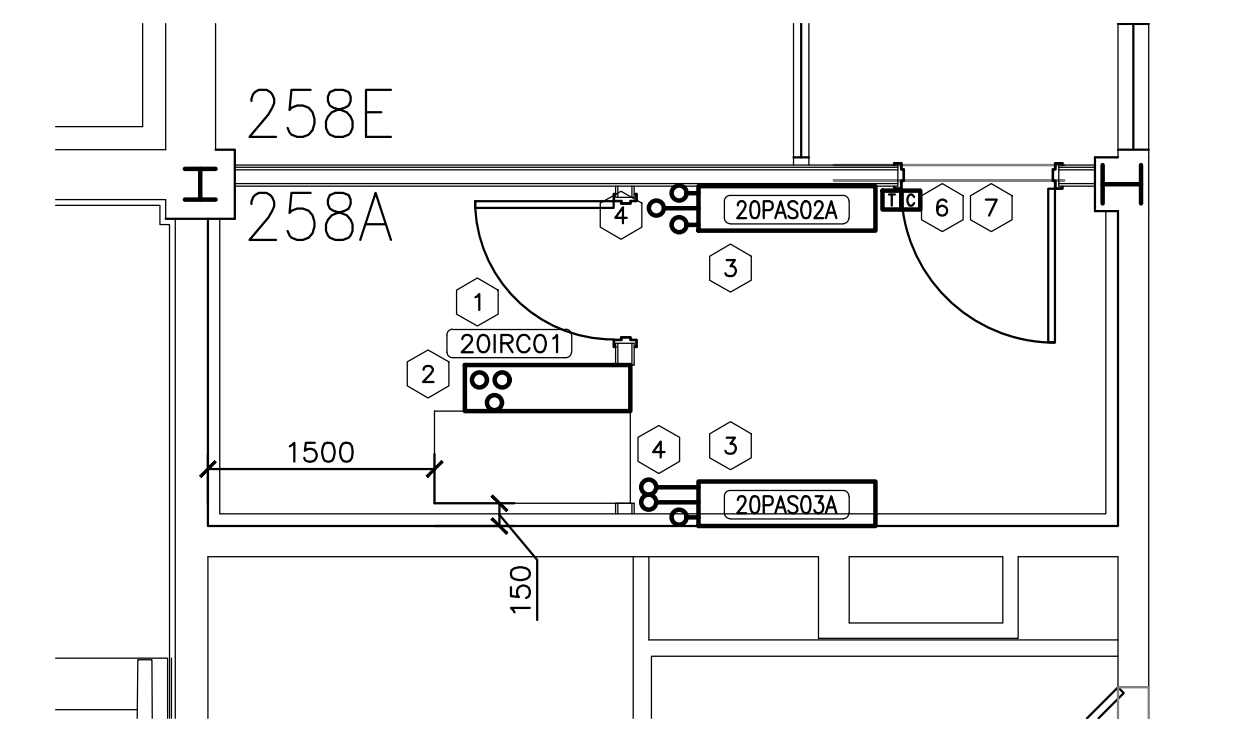
- ALL BAS WORK SHALL BE CARRIED OUT BY ANSWORTH CANADA, CONTACT: ARRON DOBSON, (613)247-7936, EMAIL: ARRON.DOBSON@ANSWORTH.COM
- BAS SYSTEM SHOULD MONITOR THE ROOM TEMPERATURE ON COLD SIDE.
- BAS SYSTEM SHOULD MONITOR THE STATUS OF IN-ROW COOLING UNIT 20IRC01. WHEN UNIT GOES INTO ALARM, SHOW ALARM ON GRAPHICS.
- WHEN IN-ROW COOLING UNIT FAIL TO KEEP COLD SIDE TEMPERATURE BELOW 25 °C (OPERATOR ADJUSTABLE) FOR VARIOUS REASONS (COOLING UNIT FAILURE, CHILLED WATER SYSTEM FAILURE, LOST OF REGULAR POWER), BAS SHALL SEND AN ALARM TO M-06 AND START THE TWO SPLIT AC UNITS TO MAINTAIN COLD SIDE TEMPERATURE SET POINT.



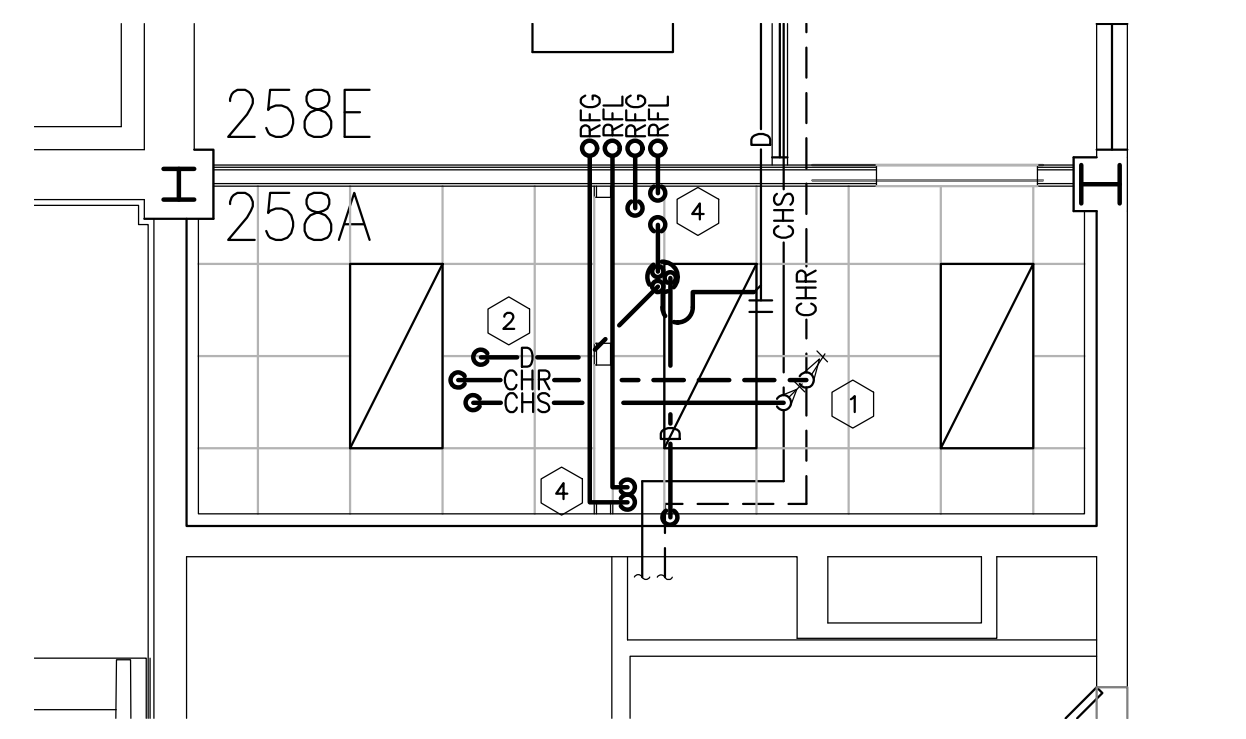
1 DEMOLITION: CEILING PLAN - DUCTWORK  
 M01 SCALE = 1:50



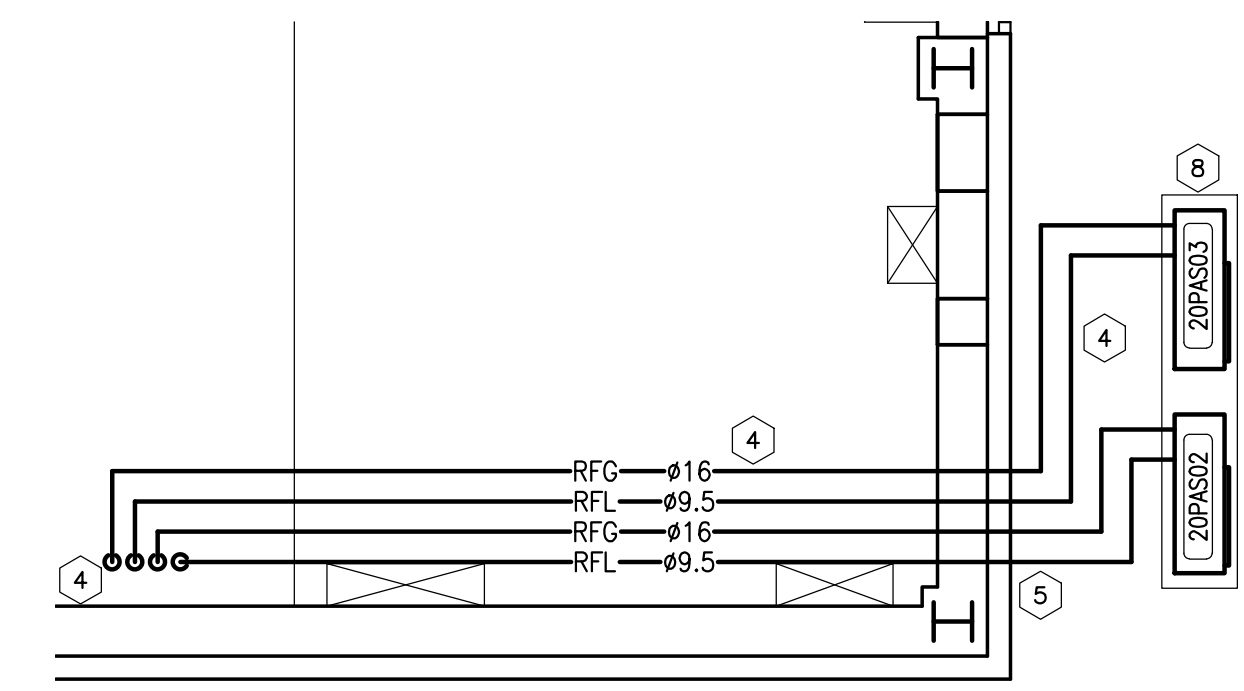
2 DEMOLITION: PIPING  
 M01 SCALE = 1:50



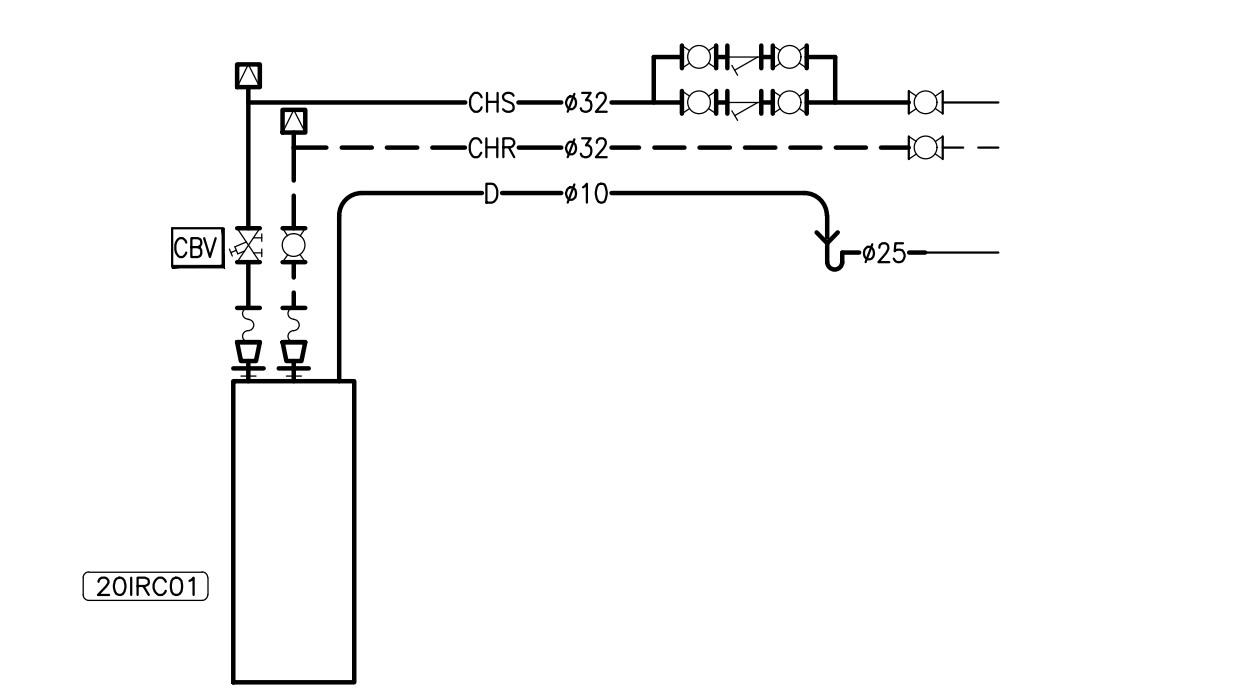
3 NEW CONSTRUCTION: PLAN - UNDER CEILING  
 M01 SCALE = 1:50



4 NEW CONSTRUCTION: PLAN - ABOVE CEILING  
 M01 SCALE = 1:50



5 NEW CONSTRUCTION: PARTIAL ROOF PLAN  
 M01 SCALE = 1:50



6 20IRC01 PIPING DIAGRAM  
 N. T. S.

IN-ROW COOLING UNIT

MANUFACTURER	APC CANADA	
EQUIPMENT I. D.	20IRC01	
MODEL	ACRC301S	
MAX. AIR FLOW	m <sup>3</sup> /h (CFM)	5440 (3200)
CHILLED WATER		
ENTERING TEMPERATURE	°C	7.2
FLOW RATE	L/s (GPM)	0.87 (13.8)
PRESSURE DROP	kPa (ft)	40.76 (13.7)
COOLING CAPACITY		
CONDITION#1		
RETURN AIR DB/WB	°C	26.7/17.1
SENSIBLE COOLING	kW	18.2
CONDITION#2		
RETURN AIR DB/WB	°C	35.0/19.8
SENSIBLE COOLING	kW	28.4
CONDITION#3		
RETURN AIR DB/WB	°C	43.3/22.4
SENSIBLE COOLING	kW	35.4
ELECTRICAL		
VOLTAGE	V/PH/Hz	208/1/60
POWER	kW	1.0
SIZE (HxWxD)	mm	1991x300x1095
DRY WEIGHT	kg	184
REMARKS	C/W STANDARD FILTERS, JOINING KIT, AND SEISMIC LATCHES	

SPLIT DUCTLESS UNIT (INDOOR UNIT)

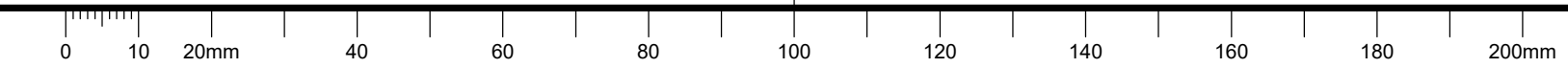
MANUFACTURER	MITSUBISHI ELECTRIC	
EQUIPMENT I. D.	20PAS02A; 20PAS03A	
MODEL	PKA-A36KA7	
REFRIGERANT	R-410A	
SYSTEM AIR FLOW	m <sup>3</sup> /h (CFM)	1564(920)
COOLING CAPACITY		
RETURN AIR DB	°C	27
SENSIBLE COOLING	kW	10.0
ELECTRICAL		
POWER	V/PH/Hz	208~230/1/60
MCA	A	1.0
FLA	A	0.57
SIZE (HxWxD)	mm	365x1170x295
DRY WEIGHT	kg	21
REMARKS	C/W WIRED REMOTE CONTROLLER AND BAS INTERFACE FOR INTEGRATION WITH BAS CONTROL	

CONDENSING UNIT (OUTDOOR UNIT)

MANUFACTURER	MITSUBISHI ELECTRIC	
EQUIPMENT I. D.	20PAS02; 20PAS03	
MODEL	PUY-A36NKA7	
REFRIGERANT	R-410A	
NUMBER OF FAN	2	
ELECTRICAL		
POWER	V/PH/Hz	208~230/1/60
MCA	A	25.0
SIZE (HxLxW)	mm	1338x1050x360
DRY WEIGHT	kg	96
REMARKS	C/W LOW AMBIENT TEMPERATURE KIT	

CIRCUIT BALANCING VALVE

MANUFACTURER	IMI HYDRONIC (TA)	
REF	CBV	
MODEL	STAD	
SIZE	DN32	
REMARK	FOR IN-ROW COOLING UNIT	



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- CONTRACTOR TO BE RESPONSIBLE FOR REINSTATEMENT AND REPAIR OF ANY DAMAGE CAUSED BY WORK.
- CONTRACTOR SHALL PREVENT THE SPREAD OF DUST AND DEBRIS BEYOND AREA OF WORK AND CLEAN ALL SURFACES AT COMPLETION.
- ALL SHUTDOWNS SHALL BE PERFORMED AFTER NORMAL WORKING HOUR.
- INFILL NEW OPENING THROUGH THE FLOOR WITH FIRE RATED ROXUL INSULATION AND SELF-LEVELING FIRE RETARDANT

KEY PLAN

PLAN CLÉ

No.	Date	Revision	By:
2	13 09 2023	ISSUED FOR TENDER	KXL
1	01 08 2023	ISSUED FOR TRANSLATION	KXL
0	23 06 2023	ISSUED FOR REVIEW	KXL

Date Printed DD MM YYYY Date imprimée

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A	A Detail no. / No. du détail	A
B	B Location drawing no. / sur dessin no.	B
C	C Drawing no. / dessin no.	C

project M-20 ROOM 258A SERVER ROOM RENOVATION / projet

MONTREAL ROAD CAMPUS

drawing ELECTRICAL PLAN / dessin

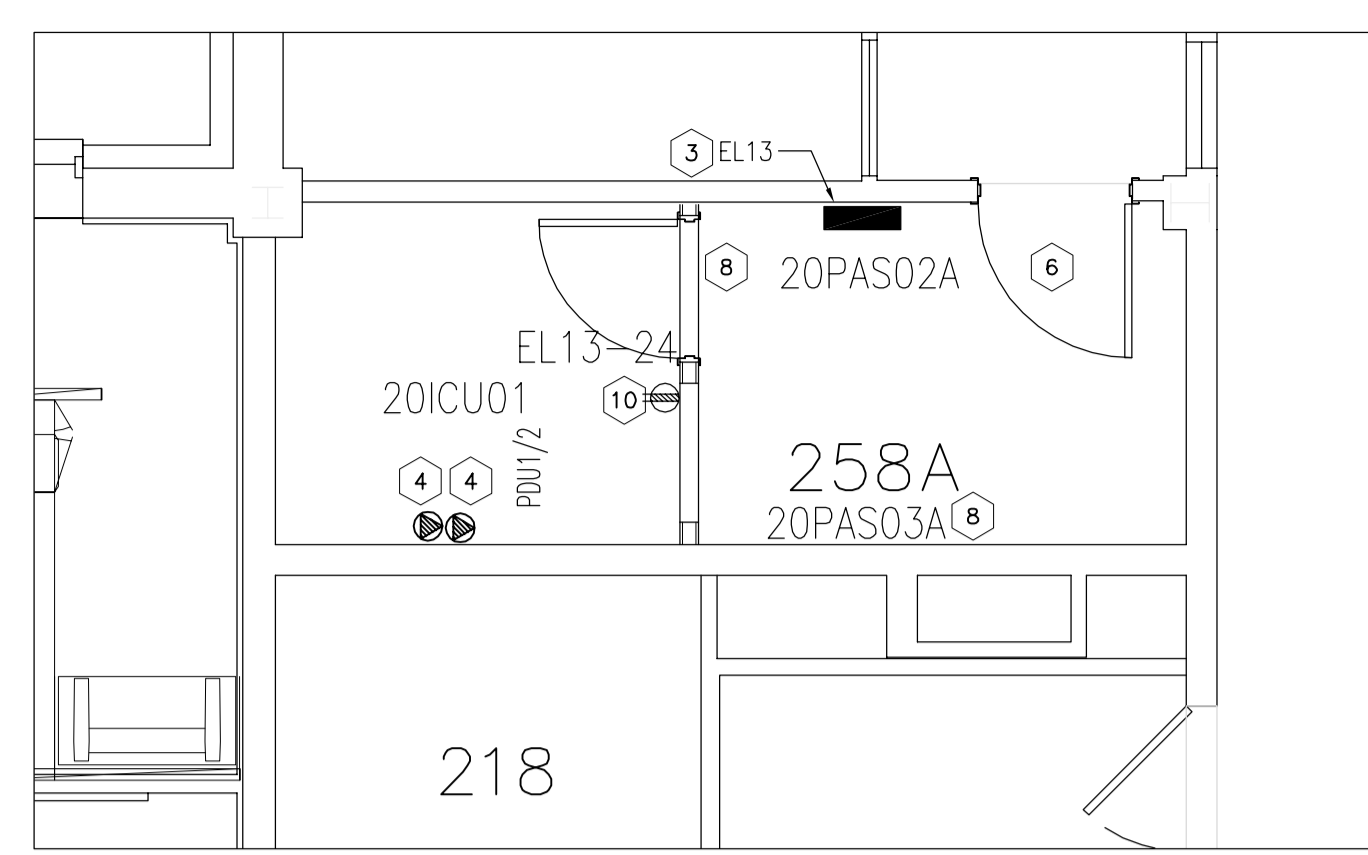
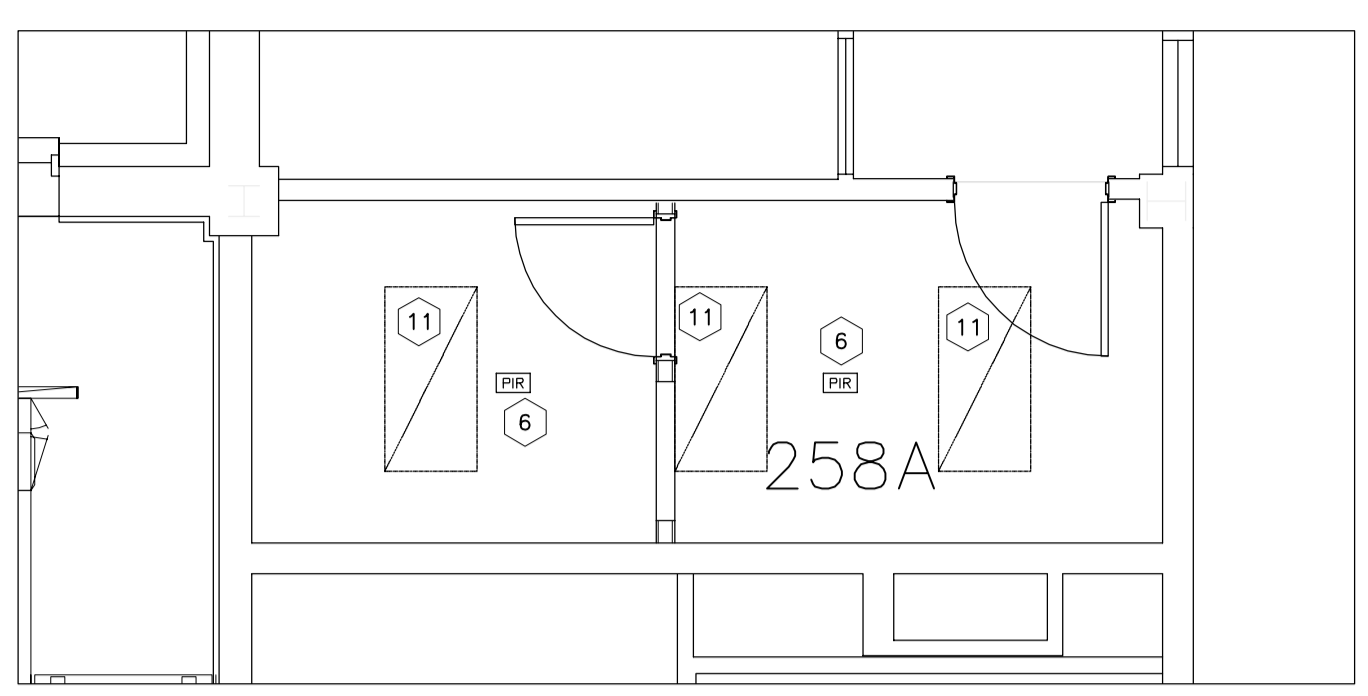
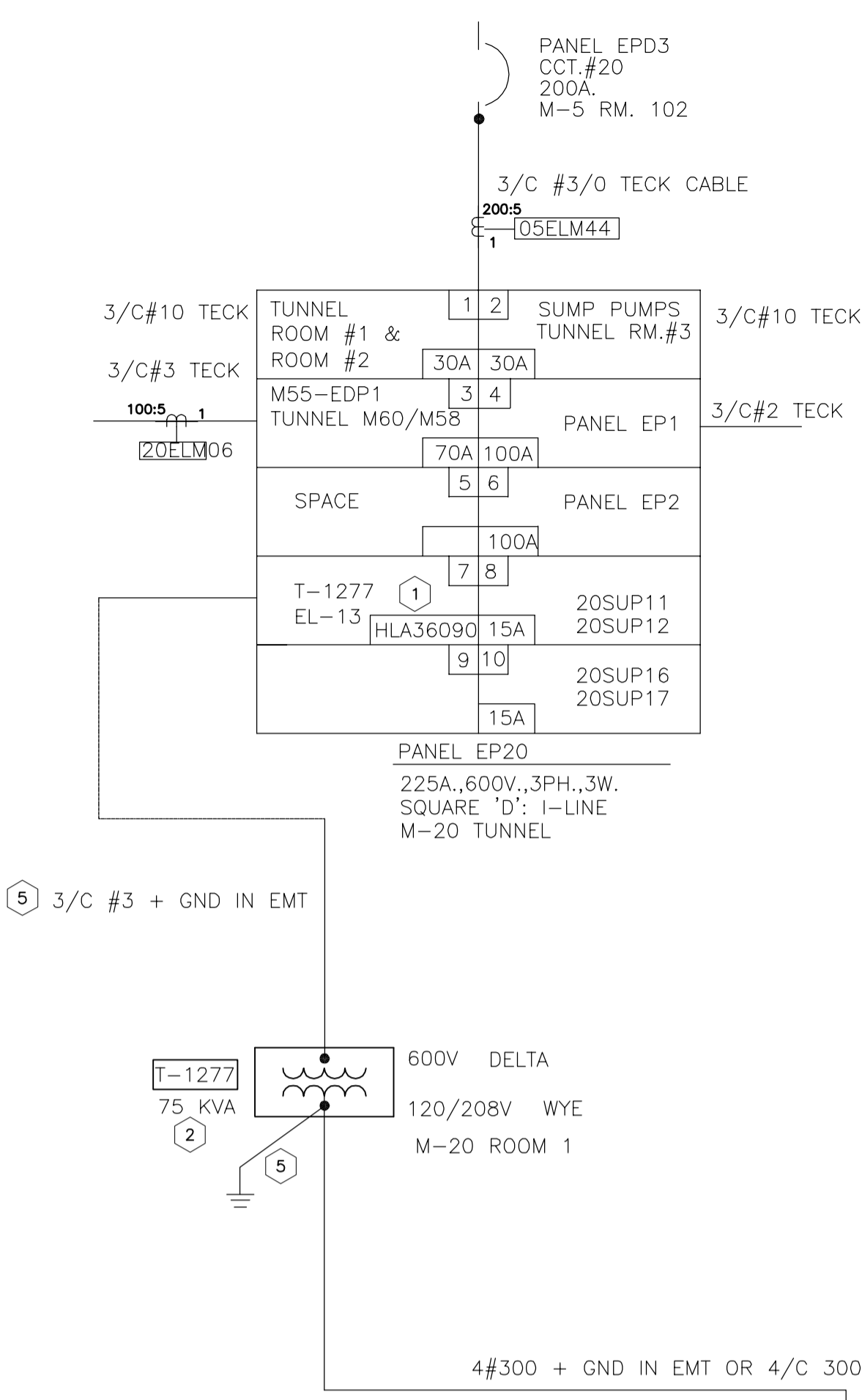
designed KXL conçu date JULY/2023 date

drawn KXL dessiné scale AS NOTED échelle

checked CYC vérifié sheet E01 of/de E01 feuille

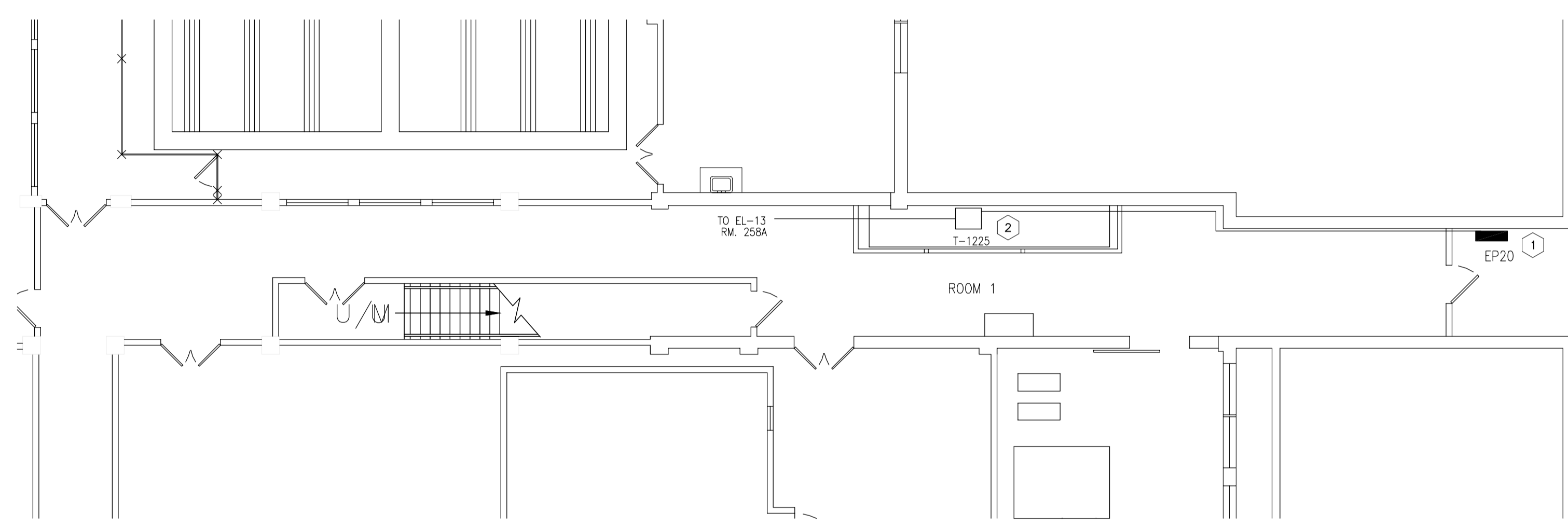
approved FG approuvé W.O.no. D.T.no.

dwg.no. 6178-E01 dessin no.

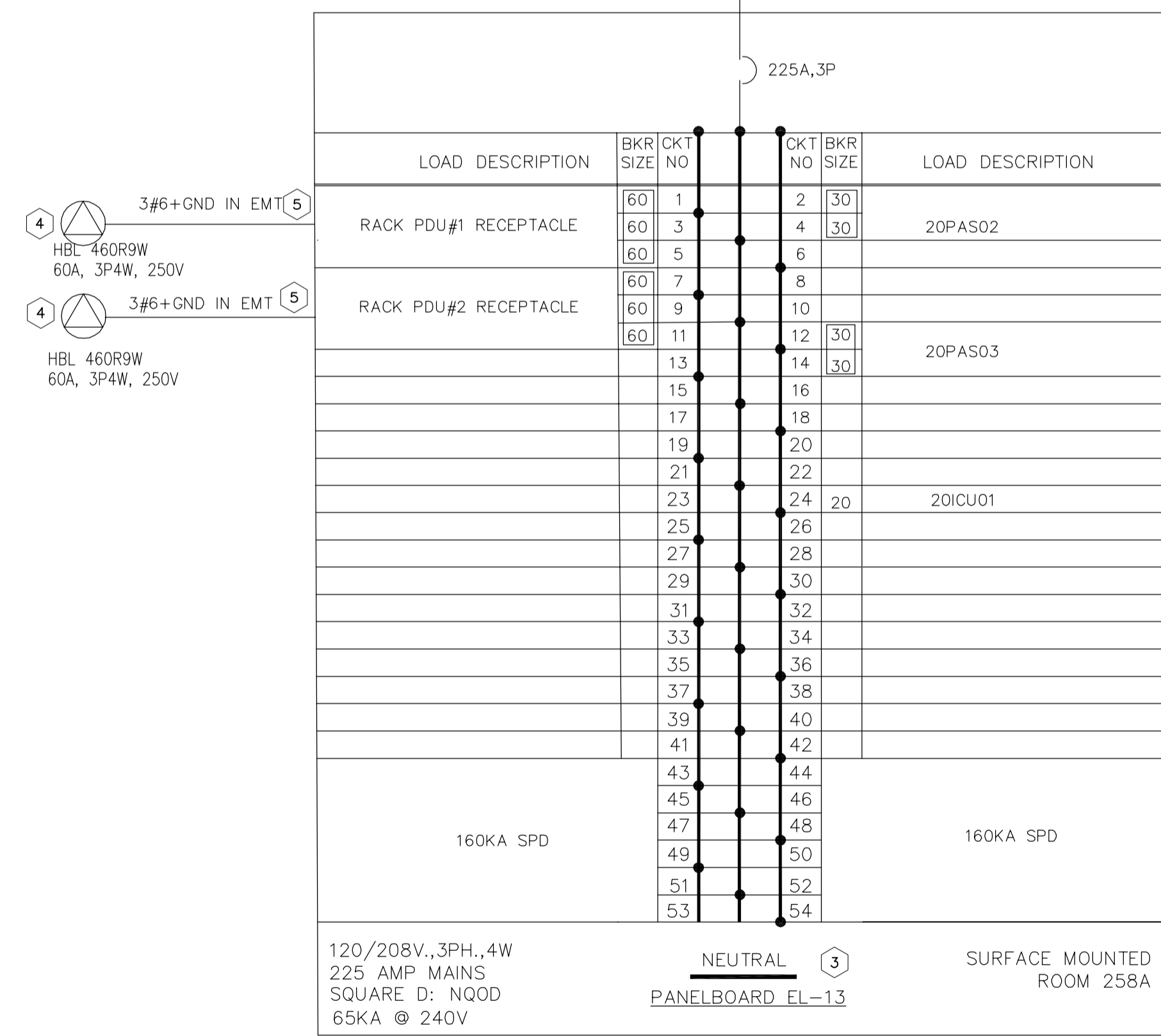


2 ROOM 258A CEILING WORK  
E01 SCALE = 1:50

3 ROOM 258A FLOOR PLAN  
E01 SCALE = 1:50



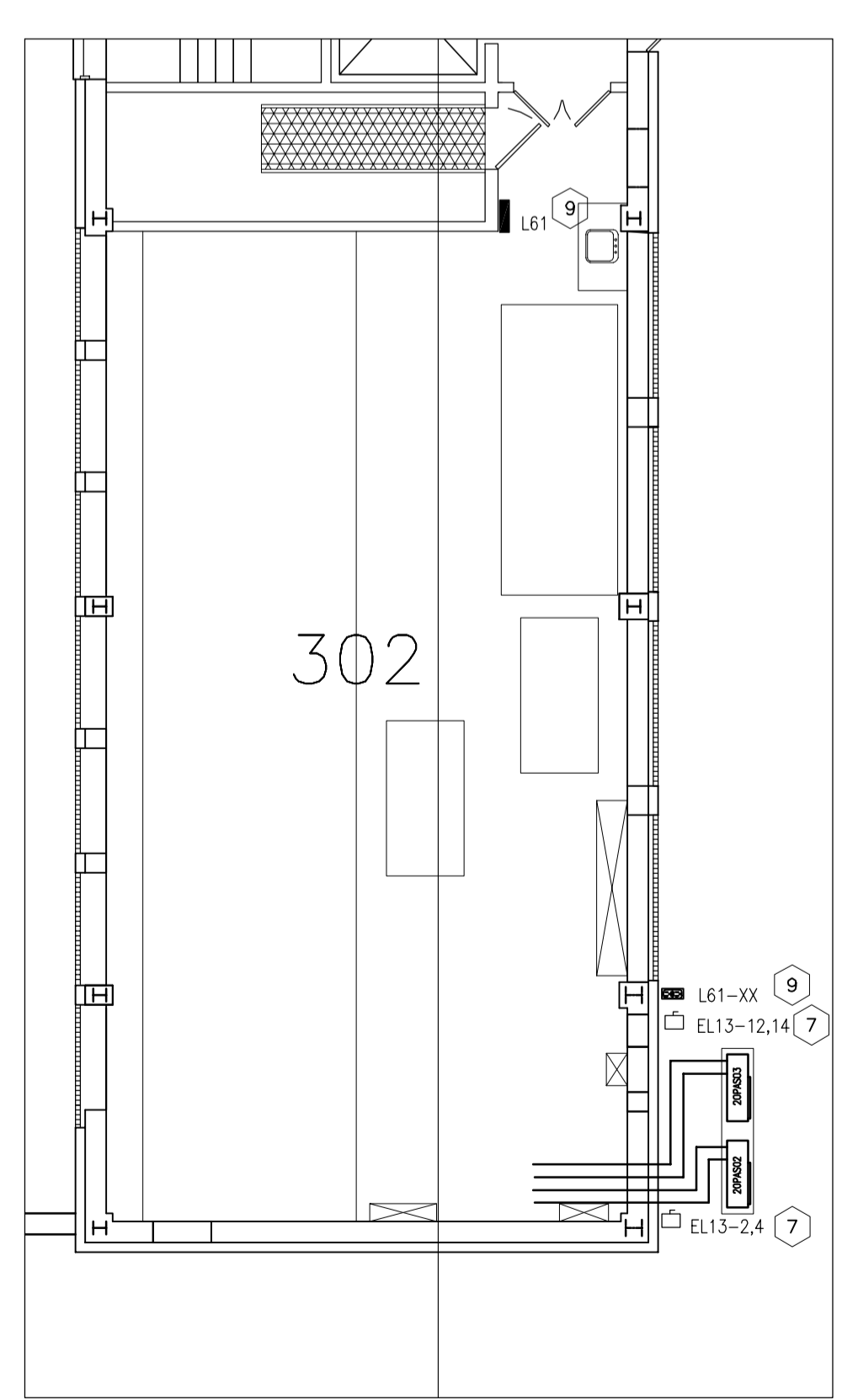
4 PARTIAL BASEMENT FLOOR PLAN  
E01 SCALE = 1:100



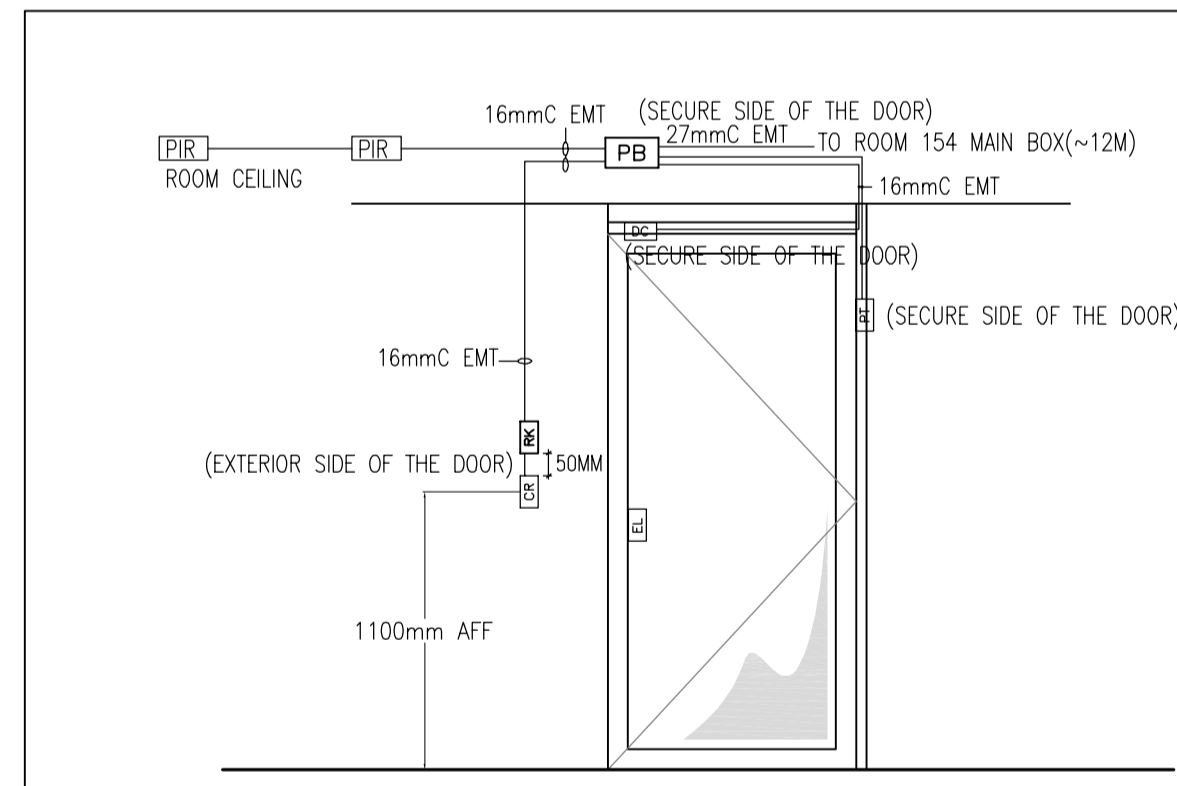
1 SINGLE LINE DIAGRAM  
E01 SCALE = 1:50

**NEW WORK NOTES:**

- PROVIDE NEW I-LINE BREAKER IN EXISTING PANEL.
- PROVIDE NEW DRY TYPE HAMMOND TRANSFORMER ON EXISTING PAD. PROVIDE ADDITIONAL UNISTRUT FLOOR SUPPORT WHERE REQUIRED.
- PROVIDE NEW SURFACE MOUNT SQ D MAIN BREAKER NOOD PANEL WITH OOB BRANCH BREAKERS AND SURGE PROTECTOR AS SHOWN.
- PROVIDE NEW SURFACE WALL MOUNT RECEPTACLE AT 450MM ABOVE FINISHED FLOOR. COORDINATE FINAL LOCATION WITH SERVER PDU WHIP LENGTH.
- PROVIDE NEW WIRING AND CONNECTION, HVAC EQUIPMENT END TO BE LIQUID TIGHT FLEXIBLE CONNECTION.
- PROVIDE SECURITY RACEWAY WITH PULL STRING AS PER DETAIL 6, REFERS TO ARCHITECTURAL DRAWING, COORDINATE WITH DOOR INSTALLER AND NRC SECURITY CONTRACTOR.
- PROVIDE WEATHER PROOF DISCONNECT ON UNISTRUT SUPPORT
- PROVIDE MOTOR RATED TOGGLE SWITCH ON INDOOR UNIT
- PROVIDE 5-20R GFCI ROOF SERVICE RECEPTACLE AS PER OESC 26-702 AND 704 WITH UNISTRUT SUPPORT
- NEW 20A, 1P SQ D OOB BREAKER IN PANEL L61. PROVIDE 2/C 10AWG TECK90 AND CONNECTION.
- PROVIDE SURFACE WALL RECEPTACLE AT 2.2M ABOVE FINISHED FLOOR. FINAL LOCATION AS PER SITE INSTRUCTION FROM NRC.
- DISCONNECT, REMOVE AND REINSTATE THE EXISTING LIGHTS FOR NEW CEILING WORK



5 PENTHOUSE 302 AND PARTIAL ROOF PLAN  
E01 SCALE = 1:100



**SECURITY LEGEND**

SYMBOL	DESCRIPTION
[JXB]	200mmx200mmx100 JUNCTION BOX
[DC]	DOOR CONTACT BY NRC
[EPT]	ELECTRICAL POWER TRANSFER, MODEL: VON DUPRIN EPT10
[EL]	ELECTRIC LEVER/MORTISE BY DOOR SUPPLIER MODEL: ALLEGION SCHLAGE
[CR]	CARD READER BY NRC
[SR]	SENSOR BY NRC
[RK]	READER KEYPAD BY NRC

6 DOOR SECURITY DETAIL  
E01 SCALE =