ELECTRICAL & MECHANICAL DRAWING ISSUE SCHEDULE

PROJECT		China Life Insurance Office at 51/F ICC		DATE ISSUED					
				12-Nov-26	18-Nov-26				
DWG. NO.	SIZE	DRAWING TITLE	SCALE	REVISION NO.					
ICC-51F-AC-001	A3	Air Conditioning Legend, Abbreviation and General Notes	NTS	0					
ICC-51F-AC-101	A3	Air Conditioning Layout	1:100	0					
ICC-51F-AC-201	A3	Air Conditioning Installation Details	NTS	0					
ICC-51F-E-001	A3	Electrical Notes , Legend and Lighting Control Schedule	NTS	0					
ICC-51F-E-002	A3	Electrical Schematic Diagram	NTS	0					
ICC-51F-E-101	A3	Lighting Layout	1:100	0					
ICC-51F-E-201	A3	Power and ELV Layout	1:100	0	1				
ICC-51F-E-301	A3	Ceiling Trunking Layout	1:100	0					
ICC-51F-E-401	A3	Floor Trunking Layout	1:100	0					
ICC-51F-E-501	A3	Security Conduit Point Layout	1:100	0					
ICC-51F-E-601	A3	MCB Board Schedule	NTS	0					
ICC-51F-FS-001	A3	Fire Services Legend and Notes	NTS	0					
ICC-51F-FS-101	A3	Fire Services Layout	1:100	0					
ICC-51F-PD-001	A3	Plumbing & Drainage Schematic, Legend and Notes	NTS	0					
ICC-51F-PD-101	A3	Plumbing & Drainage and Water Detection Layout	AS SHOWN	0					
	DISTRIBUTION			NO. OF COPIES					
ISSUE CODE				6	6				

(1) FOR APPROVAL (4) FOR INFORMATION (7) FOR CONTRACT (10) FOR TENDER ADDENDUM
(2) FOR SUBMISSION (5) FOR RECORD (8) FOR CONSTRUCTION (11) FOR TENDER QUERY
(3) FOR REVIEW (6) FOR TENDER (9) FOR LANDLORD SUBMISSION

LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT	REMARKS
	CHILLED WATER SUPPLY & RETURN PIPE W/ INSULATION		
	CONDENSATE DRAIN PIPE W/ INSULATION		
	GATE VALVE		
	GATE VALVE (N. C.)		
	CHECK VALVE		
	DOUBLE REGULATING VALVE		
	GLOBE VALVE / BALL VALVE		
	BUTTERFLY VALVE / BALL VALVE		
	AUTOMATIC AIR VENT		
D	DRAIN VALVE		
	2-WAY ON / OFF VALVE		
	STRAINER		
	EXISTING VAV BOX		
N N R R	NEW VAV BOX		MATCHING EXISTING MODEL
	RELOCATED VAV BOX		
	NEW RIGID DUCTWORK C/W EXTERNAL INSULATION		TO MATCH EXISTING SPECIFICATION / STANDARD
	NEW BRANCH-OFF CONNECTION FOR FLEXIBLE AIR DUCT C/W VOLUME CONTROL DAMPER		
	EXISTING FLEXIBLE AIR DUCT W/ INSULATION		
	NEW FLEXIBLE AIR DUCT W/ INSULATION (SIZE MATCHED EXISTING)	CEILING LEVEL	
VCD	VOLUME CONTROL DAMPER		
	VENTILATION FAN		
F.D.	FIRE DAMPER		
F.D. (E)	FIRE DAMPER WITH ELECTRO-THERMO LINK		
SIL	600(W) X 300(H) X 1000(L) NEW CROSS-TALK SILENCER		"NAP SILENTFLO" OR APPROVED EQUIVALENT
	NEW 150MM WIDTH BAR AIR DIFFUSER		
	FCU SUPPLY AND RETURN AIR LOUVRE		HINGED TYPE C/W ALUMINIUM WASHABLE FILTER FOR RETURN AIR LOUVRE
S R	EXISTING BASE BUILDING AIR LOUVRE (W/ AIR BOOT FOR SUPPLY LOUVRE)	FALSE CEILING MOUNTED	S: SUPPLY AIR GRILLE R: RETURN AIR GRILLE
	NEW BASE BUILDING AIR LOUVRE (W/ AIR BOOT FOR SUPPLY LOUVRE)	FALSE CEILING MOUNTED	
	NEW 1000mm X 120mm AIR BOOT FOR AIR DIFFUSER	ABOVE FALSE CEILING	
T	EXISTING THERMOSTAT FOR VAV BOX		
TN	NEW THERMOSTAT FOR VAV BOX		
TR	RELOCATED THERMOSTAT FOR VAV BOX		
	VENTILATION FAN W/ WALL MOUNTED ON/OFF SWITCH	CEILING MOUNTED	"PANASONIC FV-27CMHI" OR APPROVED EQUIVALENT

ABBREVIATIONS

A/C	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
CD	CONDENSATE DRAIN
CDP	CONDENSATE DRAIN PIPE
C/W	COMPLETED WITH
CWR	CONDENSING WATER RETURN
CWS	CONDENSING WATER SUPPLY
CW	CONDENSING WATER
Cu	COPPER
CW	COLD WATER
DN	DOWN
EAD	EXHAUST AIR DUCT
EAF	EXHAUST AIR FAN
EAG	EXHAUST AIR GRILLE
EAL	EXHAUST AIR LOUVRE
F/A	FROM ABOVE
F/B	FROM BELOW
CWU	CONDENSING WATER COOLED PACKAGED AIR CONDITIONER
F.D.	FIRE DAMPER
G.I.	GALVANIZED IRON
H/M/L	HIGH/MEDIUM/LOW
H/L	HIGH LEVEL
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
L/L	LOW LEVEL
MAX	MAXIMUM
MIN	MINIMUM
M.S.	MILD STEEL
N/C	NORMALLY CLOSED
N/O	NORMALLY OPEN
N.R.D.	NON-RETURN DAMPER
N.T.S.	NOT TO SCALE
O.A.	OUTDOOR AIR
RA	RETURN AIR
RAG	RETURN AIR GRILLE
RAD	RETURN AIR DUCT
SA	SUPPLY AIR
SAG	SUPPLY AIR GRILLE
SAD	SUPPLY AIR DUCT
RAG	RETURN AIR GRILLE
RAD	RETURN AIR DUCT
T/A	TO ABOVE
T/B	TO BELOW
TBA	TO BE ADVISED
THK.	THICKNESS
TYP.	TYPICAL
W/	WITH
WP	WEATHER PROOF
WW	WASTE WATER
V.C.D.	VOLUME CONTROL DAMPER

GENERAL NOTES FOR AIR CONITIONING AND MECHANICAL VENTILATION INSTALLATION :

1. INSTALLATIONS WORKS SPECIFIED HEREIN SHALL BE CARRIED OUT TO COMPLY WITH LOCAL REGULATIONS, CURRENT ISSUE OF SUPPLY RULES, ELECTRICITY (WIRING) REGULATIONS, CODE OF PRACTICE FOR ELECTRICITY (WIRING) REGULATION, AND IEE WIRING REGULATION .
2. INSTALL AND COORDINATE LEVELS OF DIFFUSERS, GRILLES AND OTHER ACCESSORIES WITH FALSE CEILING LEVEL .
3. INSTALL DUCTS, PIPES, CONDUITS AND TRUNKINGS AS HIGH AS POSSIBLE TO ALLOW MAXIMUM FALSE CEILING HEIGHT AND FALSE CEILING VOID .
4. EARTHING CONDUCTORS ARE NOT ALWAYS SHOWN ON THE DRAWINGS . ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH PROVISION ACCORDING TO SUPPLY RULES, CODE OF PRACTICE AND REGULATIONS .
5. PROVIDE ACOUSTIC INTERNAL LINING TO RETURN AIR PLENUM, TRANSFER AIR DUCT WITH MINIMUM 25mm FIBRE GLASS INSULATION, IF SPECIFIED .
6. ELECTRICAL INSTALLATIONS RELATED TO AIR CONDITIONING AND FIRE SERVICES WORKS SPECIFIED HEREIN SHALL BE CARRIED OUT TO COMPLY WITH CURRENT ISSUE OF SUPPLY RULES AND WIRING REGULATIONS FROM RELEVANT AUTHORITIES .
7. PROVIDE SPLITTER AND VCD FOR BALANCING OF AIR FLOW AT ALL SUPPLY AIR DIFFUSERS, FRESH AIR BRANCHES AND FRESH AIR TERMINATION .
8. COORDINATE AND CONFIRM ALL WIRING ACCESSORIES AND FIXTURE PRECESSIONS WITH THE DESIGNER AND MAIN CONTRACTOR PRIOR TO INSTALLATION . LOCATION OF EQUIPMENT ON DRAWINGS ARE DIAGRAMMATIC ONLY, CONTRACTOR SHALL COORDINATE WITH INTERIOR DESIGN DRAWINGS AND SETTING OUT ON SITE FOR EXACT LOCATION .
9. INFORMATION ON EQUIPMENT SHOWN ON DRAWINGS ARE DATA PROVIDED BY SUPPLIERS / MANUFACTURES AND ARE SHOWN FOR REFERENCE ONLY . VERIFY EXACT DIMENSIONS, WEIGHTS AND OTHER DATA OF THE EQUIPMENT SUPPLIED FOR THEIR INTENDED USAGE PRIOR TO INSTALLATION .
10. FOR ALL DUCTING AND PIPING PASSING THROUGH FIRE RATED PARTITION, SLEEVE SHALL BE INSTALLED AND SEALING WITH FIRE RATED MATERIAL SHALL BE PROVIDED .
11. EXCEPT OTHERWISE SPECIFIED, ALL SUPPLY AND RETURN AIR DIFFUSER / GRILLES TO BE COMPLETED WITH VOLUME CONTROL DAMPER .
12. VAV THERMOSTAT SHALL BE RELOCATED UNDERNEATH THE FALSE CEILING AND LOCATED ON THE DRAWING AND THE CONTROL WIRING SHALL HOUSED INSIDE METALLIC FLEXIBLE CONDUIT. THE CONTRACTOR SHALL SUBMIT THE INSTALLATION DETAILS FOR APPROVAL .
13. THE AIR RETURN IN THE CEILING VOID SHALL NOT BE OBSTRUCTED BY ANY INSTALLATION .
14. AIR CONDITIONING DIFFUSER, AIR RETURN PATH AND / OR AIR RETURN LOUVRE OR MESH SHALL NOT BE OBSTRUCTED .
15. SUFFICIENT ACCESS PANEL FOR BUILDING SERVICES MAINTENANCE SHALL BE PROVIDED .
16. ACCESS PANELS FOR OPERATION AND MAINTENANCE OF VALVES, FAN COIL UNIT, METERS, SENSOR, ETC. SHALL BE PROVIDED FOR GYPSUM BOARD CEILING. SIZE AND LOCATION OF ACCESS PANELS SHALL BE SUBMITTED FOR ACCEPTANCE.
17. ALL DUCTWORK SHALL BE GALVANIZED STEEL DUCTWORK EXCEPT OTHERWISE SPECIFIED . FLEXIBLE DUCTS SHALL BE OF ALUMINIUM AND SHALL NOT BE GREATER THAN 4M LONG AS PER FSD'S REQUIREMENT .
18. ALL PAINTING MATERIAL AND PROCESS SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL .
19. ALL HARDWARE SUCH AS BOLTS AND NUTS USED IN EXTERNAL AREAS SHALL BE HOT-DIP GALVANIZED OR CHROMIUM PLATED.
20. INSULATION MATERIAL SHALL GENERALLY BE AS FOLLOWS AND DETAILED IN THE SPECIFICATION :
    20.1. A/C DUCTS – FIBREGLASS INSULATION
21. ALL AIR FITTINGS (AIR GRILLES, DIFFUSER & ETC.) SHALL BE OF ALUMINIUM AND COMPLETED WITH OPPOSED BLADE VOLUME CONTROL DAMPER .
22. ALL SUPPLY AIR BOOTS SHALL BE PROVIDED WITH VOLUME CONTROL DAMPER .
23. THE AIR CONDITIONING INSTALLATION SHALL COMPLY WITH THE LATEST BUILDING ENERGY CODES FOR MAJOR RETROFITTING WORKS SET OUT FROM EMSD IF REQUIRED .
24. UNLESS OTHERWISE SPECIFIED, ALL FLEXIBLE DUCTS ARE 200mm DIA. AND MAX. 4m IN LENGTH .
25. ALL INLETS OF TRANSFER AIR DUCTS AND RETURN AIR DUCTS ARE COMPLETED WITH WIRE MESH .
26. ALL OUTLETS OF VAV BOXES ARE COMPLETED WITH V.C.D. .
27. ALL SUPPLY AIR DUCTS FROM THE DOWNSTREAM OF F/S . DAMPER TO THE VAV BOXES FOR THE VAV SYSTEM ARE SPIRAL OVAL DUCT / ROUND DUCTS UNLESS OTHERWISE STATED .
28. LINEAR DIFFUSERS INTERSECTED BY THE PARTITION WALL SHALL HAVE SOUND BARRIER MATERIAL INSTALLED BY THIS BUILDER .
29. PROVIDE EQUIPMENT / MATERIAL MATCHING BASE BUILDING SPECIFICATIONS .
30. SHOP DRAWING OF ACCESS PANEL DETAILS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION .
31. NO PVC PIPE OR CONDUIT SHALL BE INSTALLED EITHER ABOVE FALSE CEILING OR UNDERNEATH RAISED FLOOR .
32. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS LAID DOWN IN THE LATEST FIT-OUT GUIDES AND MANAGEMENT REGULATIONS PROVIDED BY THE LANDLORD
33. THE CONTRACTOR SHALL SUBMIT THE FLOW SETTINGS OF THE VAV OUTLETS FOR LANDLORD'S CHECKING .
34. AS-FITTED DRAWING (SOFT AND HARD COPIES) AND OPERATION & MAINTENANCE MANUAL SHALL BE SUBMITTED UPON COMPLETION OF FIT-OUT INSTALLATION WORKS ..

REVISIONS

DATE	DESCRIPTIONS	REVISION
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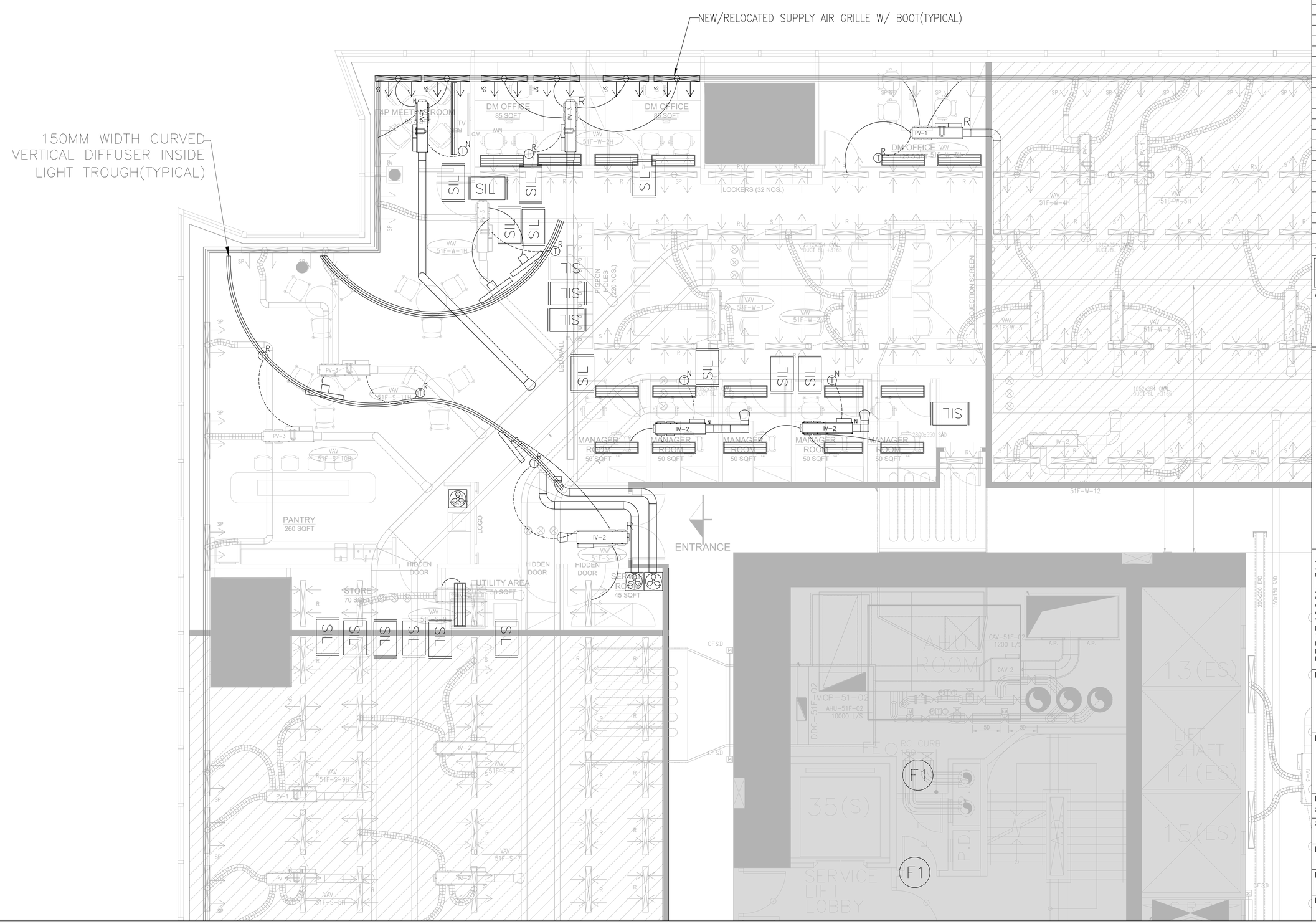
PROJECT NAME
CLI (OVERSEAS) COMPANY LIMITED
AT
UNIT 5105, 51/F.,
INTERNATIONAL COMMERCE CENTRE,
1 AUSTIN ROAD WEST, WEST KOWLOON, H.K.

DRAWING TITLE
AIR CONDITIONING LEGEND , ABBREVIATION AND GENERAL NOTES

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
NTS	**12-NOV-2026**
DRAWN BY	CHECKED BY
TL	**TL**
DESIGNED BY	APPROVED BY

DRAWING NO. **ICC-51F- AC-001** REVISION **0**



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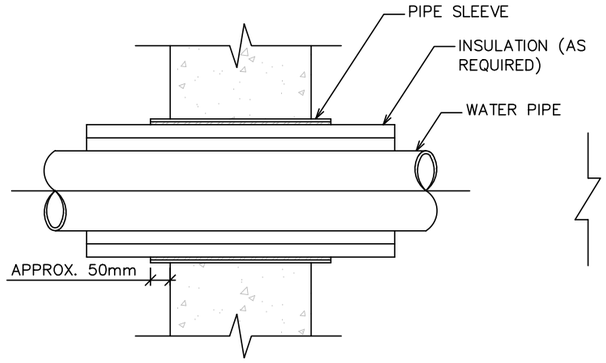
DRAWING TITLE

AIR CONDITIONING LAYOUT

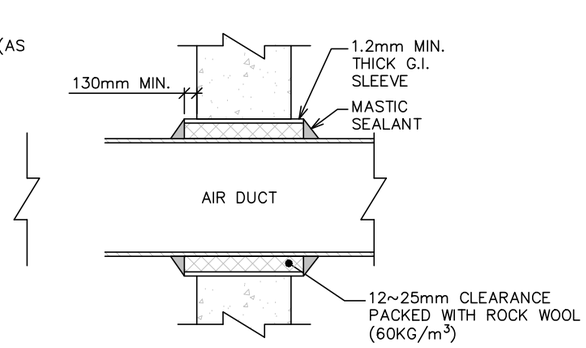
PROJECT NO.
811-260901

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1:100@A3	**12-NOV-2026**
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TL	**TL**
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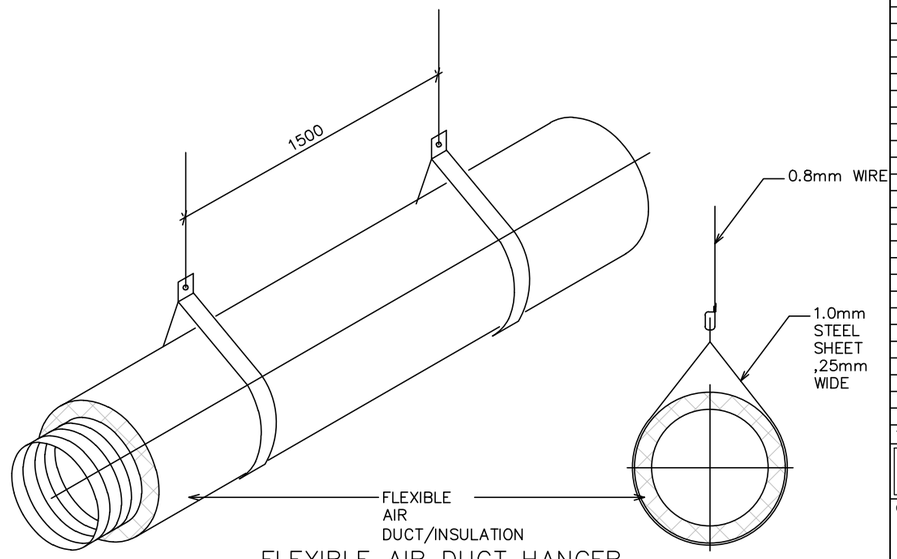
DRAWING NO. **ICC-51F-AC-101** REVISION **0**



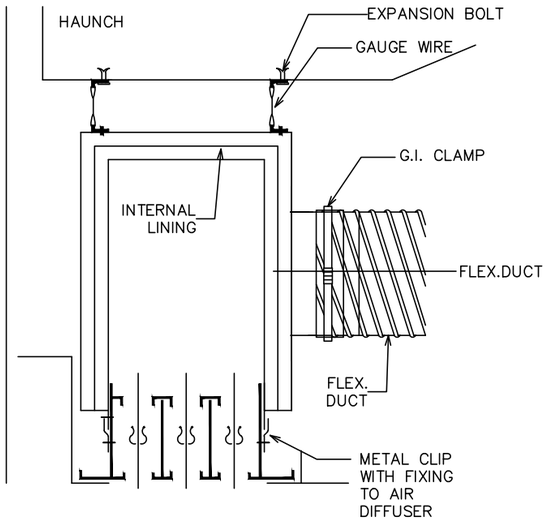
PIPE PASSING THRU' WALL



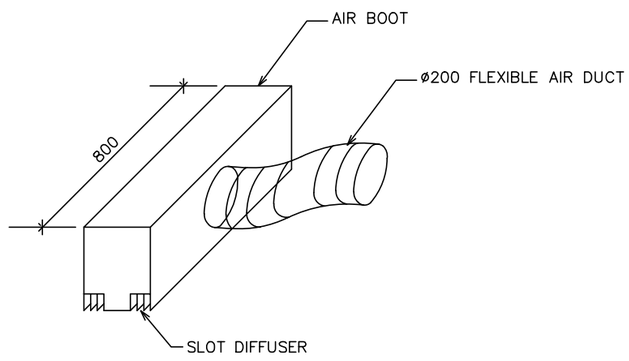
TYPICAL DETAIL FOR AIR DUCT PASSING THROUGH WALL BETWEEN NON-FIRE RATED COMPARTMENT



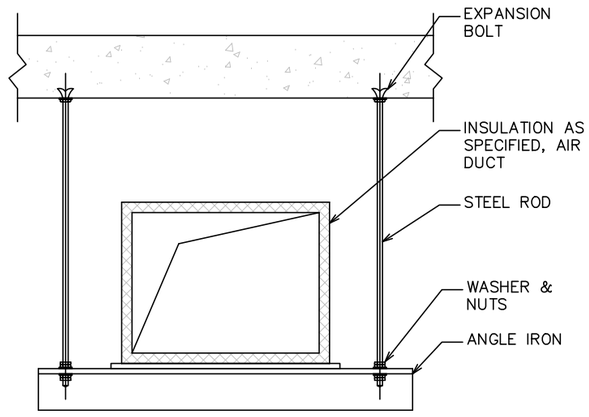
FLEXIBLE AIR DUCT HANGER



TYPICAL DETAIL FOR AIR BOOT OF LINEAR DIFFUSER



TYPICAL INSTALLATION DETAIL FOR AIR BOOT



AIR DUCT HANGER

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DRAWING TITLE
AIR CONDITIONING INSTALLATION DETAILS

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
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DRAWN BY	CHECKED BY
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DESIGNED BY	APPROVED BY

DRAWING NO. **ICC-51F- AC-201** REVISION **0**

LEGEND

SYMBOL	DESCRIPTION	MOUNTING METHOD	MAKE / MODEL	REMARKS
	13A SWITCHED SINGLE SOCKET OUTLET	WALL MOUNTED	"SCHNEIDER" APPROVED EQUIVALENT	
	13A SWITCHED TIWN SOCKET OUTLET	WALL/FURNITURE MOUNTED	"SCHNEIDER" APPROVED EQUIVALENT	
	16A CEE FORM SOCKET OUTLET		"SCHNEIDER" APPROVED EQUIVALENT	
	5 WAYS 13A S/O POWER BAR + 1NO. TYPE A + 1 NO. TYPE C USB OUTLET			
A	3-COMPARTMENT FLOOR BOX C/W 2 NOS. 13A TWIN SOCKET OUTLET WITH ON/OFF SWITCH AND 1NO. USB TYPE A & 1NO. USB TYPE C OUTLET;		"MK" APPROVED EQUIVALENT	
B	3-COMPARTMENT FLOOR BOX C/W 1 NOS. 13A TWIN SOCKET OUTLET WITH ON/OFF SWITCH AND 1NO. USB TYPE A & 1NO. USB TYPE C OUTLET			
FC	5A FUSED CONNECTION UNIT W/ ON/OFF SWITCH FOR FCU/EAF	CEILING MOUNTED	"SCHNEIDER" APPROVED EQUIVALENT	
F	13A FUSED CONNECTION UNIT W/ ON/OFF SWITCH	WALL MOUNTED	"SCHNEIDER" APPROVED EQUIVALENT	
	ISOLATING SWITCH, TPN NUMBER DENOTES RATING	WALL MOUNTED	"SCHNEIDER" APPROVED EQUIVALENT	
	35A DOUBLE POLE COOKER SWITCH FOR HEATER	WALL MOUNTED	"SCHNEIDER" APPROVED EQUIVALENT	
X	CAT6 IT CABLE WITH ø25mm CONDUIT POINT FROM SERVER RACK; X DENOTE NUMBER OF IT DATA CABLE	WALL MOUNTED		
	1NO. CAT6 IT CABLE WITH ø25mm CONDUIT POINT FROM SERVER RACK (FOR VOICE)	WALL MOUNTED		
AV	1 NO. ø25mm CONDUIT POINT FOR AV EQUIPMENT	WALL/CEILING MOUNTED/FLOOR BOX		
S	1 NO. ø25mm CONDUIT POINT FOR AV SPEAKER	CEILING MOUNTED		
	MCB/MCCB DISTRIBUTION PANEL BOARD		"SCHNEIDER" OR APPROVED EQUIVALENT	
	AUTOMATIC CHANGEOVER SWITCH WITH ADJUSTABLE TIME DELAY		"TELEMECHANQUE" OR APPROVED EQUIVALENT	
	ISOLATING SWITCH, TPN NUMBER DENOTES RATING		"SIMPLEX" OR APPROVED EQUIVALENT	
	MCCB, TP NUMBER DENOTES RATING		"SCHNEIDER" OR APPROVED EQUIVALENT	
	MCCB WITH SHUNT TRIP, TP NUMBER DENOTES RATING		"SCHNEIDER" OR APPROVED EQUIVALENT	
	MCB, NUMBER DENOTES RATING		"SCHNEIDER" OR APPROVED EQUIVALENT	
	CURRENT TRANSFORMER FOR PROTECTION / MEASUREMENT		"GEC" OR APPROVED EQUIVALENT	
	ELECTRICITY CO'S KWH METER			
E/F	IDMT EARTH FAULT RELAY		"GEC" OR APPROVED EQUIVALENT	
	BUSDUCT PLUG IN UNIT W/ MCCB		MATCH BASE BUILDING	
DPA	DIGITAL POWER ANALYZER			
S	ø25mm CONDUIT POINT(S) W/ WALL BOX FOR SECURITY CONDUIT POINT			
AP	1 NO CAT 6 IT CABLE WITH ø25mm CONDUIT POINT FOR AP	CEILING MOUNTED		

LIGHTING CONTROL SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING HEIGHT	SUPPLIER/MODEL/REMARK
	1-GANG LIGHT SWITCH	WALL MOUNTED	"SCHNEIDER" OR ARROVAL EQUIVALENT
	2-GANG LIGHT SWITCH	WALL MOUNTED	"SCHNEIDER" OR ARROVAL EQUIVALENT
4	4-GANG SCENE LIGHT SWITCH	WALL MOUNTED	"SCHNEIDER" OR ARROVAL EQUIVALENT
ZX	1-GANG LIGHT ZONE SWITCH	WALL MOUNTED	"SCHNEIDER" OR ARROVAL EQUIVALENT
5/10	5/10 BUTTON CONTROL KEYPAD	WALL MOUNTED	"LUTRON" OR ARROVAL EQUIVALENT
M	MOTION SENSOR	CEILING MOUNT	"LUTRON" OR ARROVAL EQUIVALENT
D	DAYLIGHT SENSOR	CEILING MOUNT	"LUTRON" OR ARROVAL EQUIVALENT
24	DENOTE LIGHT FIXTURE CONNECTED W/ 24 HOURS CIRCUITORIES		
B	DENOTE LIGHT FIXTURE WITH 2HRS BATTERY BACKUP		"CRYSTALITE" OR ARROVAL EQUIVALENT
EXIT / EXIT	2HRS LED EXIT SIGN/DIRECTIONAL SIGN	CEILING MOUNT	"CRYSTALITE" OR ARROVAL EQUIVALENT
	LIGHT ZONE		
B	1X16.5W T8 LED TUBE WEATHER PROOF BATTEN WITH 2HR BATTERY BACKUP	WALL MOUNTED	

GENERAL NOTES :

1. INSTALLATION SPECIFIED HEREIN SHALL BE CARRIED OUT TO COMPLY WITH LOCAL LAWS, REGULATIONS, CODES OF PRACTICE AND REQUIREMENT OF RELEVANT AUTHORITIES .
2. INSTALL AND COORDINATE LEVELS OF LIGHT FIXTURES, AND OTHER ACCESSORIES WITH FALSE CEILING LEVEL/OPEN CEILING .
3. INSTALL TRUNKINGS AND CONDUITS AS HIGH AS POSSIBLE TO ALLOW MAXIMUM FALSE CEILING OR FALSE CEILING VOID . TRUNKING FOR POWER, DATA, VOICE AND SECURITY ARE INDICATIVE ONLY, CONTRACTOR SHALL PROVIDE ENOUGH QUANTITY AND SIZE FOR CABLING .
4. CONTRACTOR SHALL SUBMIT SAMPLES, TECHNICAL DATA AND SHOP DRAWINGS SHOWING THE EXACT ROUTING OF DUCTWORK & PIPEWORK, LOCATION OF EQUIPMENT, INSTALLATION DETAILS, ETC. PRIOR TO INSTALLATION .
5. ELECTRICAL INSTALLATIONS RELATED TO AIR CONDITIONING WORKS SPECIFIED HEREIN SHALL BE CARRIED OUT TO COMPLY WITH CURRENT ISSUE OF LOCAL RULES AND WIRING REGULATIONS FROM RELEVANT AUTHORITIES . GALVANIZED STEEL CONDUITS SHALL BE USED FOR PROTECTION OF ALL WIRING AND CABLES .
6. EARTHING & EQUIPOTENTIAL BONDING CONDUCTORS ARE NOT ALWAYS SHOWN ON THE DRAWING . ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH PROVISION ACCORDING TO SUPPLY RULES, CODE OF PRACTICE AND REGULATIONS .
7. LIGHTING TRANSFORMER SHALL BE ENCLOSED IN METAL ENCLOSURES . ALL PLASTIC WIRE OR NON-METAL PARTS OR EQUIVALENT SHALL NOT BE PLACED OR MOUNTED INSIDE RETURN AIR PLENUM CEILING .
8. PROVIDE TEMPORARY POWER AT ENTRANCE DOOR OF THE PREMISES, CONTRACTOR TO COORDINATE WITH BUILDING MANAGEMENT FOR DETAILS .
9. AIR GAP INSIDE CABLE TRUNKING SHOULD BE PROPERLY SEALED UP AT THE PASSING THROUGH UNDER FLOOR BARRIER WALL OR FIRE RATED PARTITION .

NOTES :

1. DISMANTLE EXISTING UNUSED ELECTRICAL SERVICES .
2. ALL EXISTING TRUNKING TO BE REMAINED AND REUSED .
3. ALL CONDUIT SHALL BE G. I. WITHOUT PLASTIC SHEATH .
4. ALL TRUNKING SHALL BE G. I. MATERIAL .
5. PROVIDE THE FSD TEST LETTER FOR EMERGENCY LIGHTINGS .
6. ALL LIGHTING FIXTURES WITH 2HR BATTERY BACKUP KIT SHALL BE COMPLETED WITH A FIRE SERVICES CERTIFICATE COMPLYING WITH FSD REQUIREMENT.
7. NEW LIGHTINGS' SPECIFICATION REFER TO DESIGNER'S DRAWINGS

REVISIONS

DATE	DESCRIPTIONS	REVISION
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INTERNATIONAL COMMERCE CENTRE,
1 AUSTIN ROAD WEST, WEST KOWLOON, H.K.

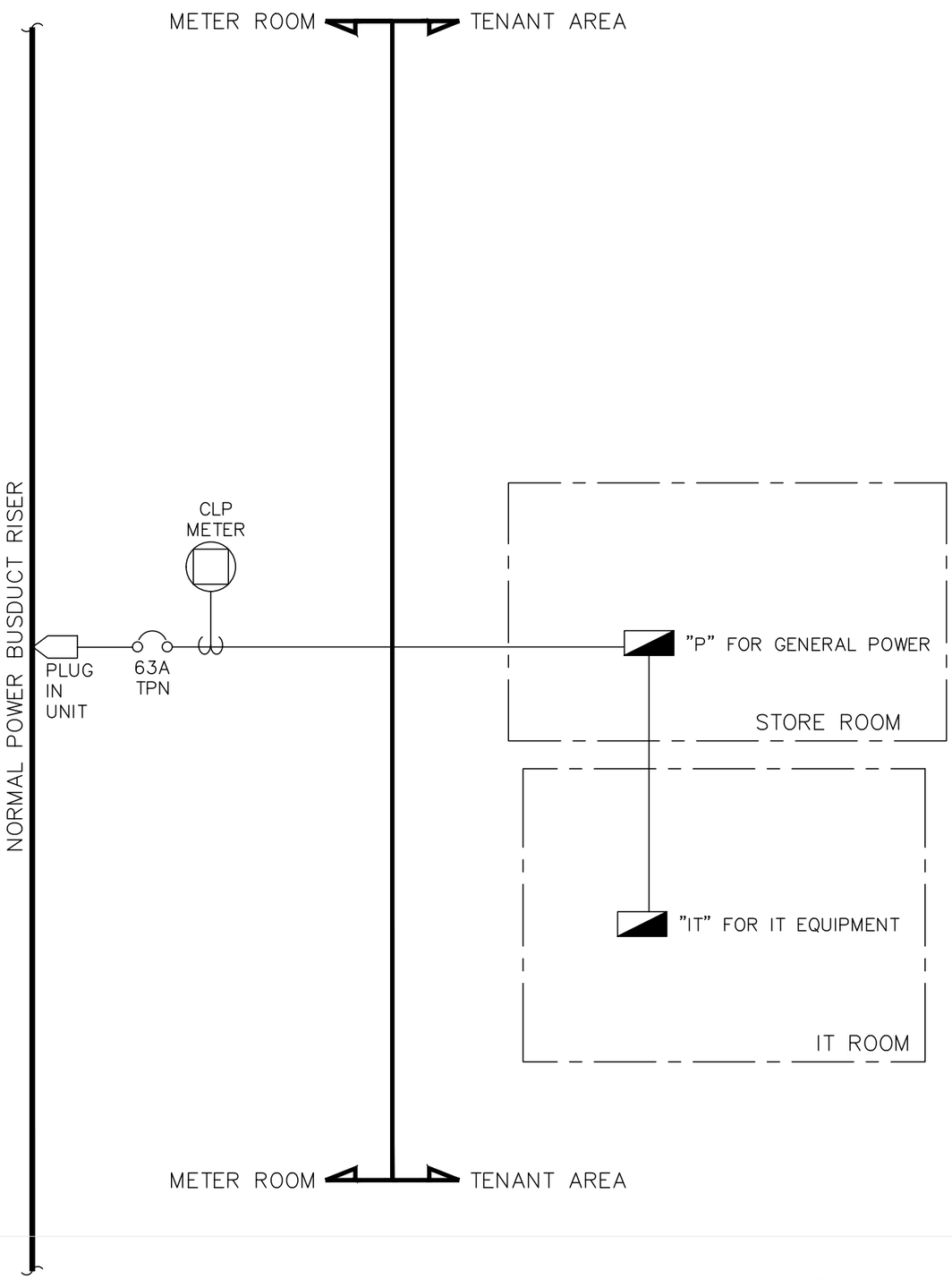
DRAWING TITLE

ELECTRICAL NOTES , LEGEND AND LIGHTING CONTROL SCHEDULE

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
NTS	**12-NOV-2026**
DRAWN BY	CHECKED BY
TL	**TL**
DESIGNED BY	APPROVED BY

DRAWING NO. **ICC-51F-E-001** REVISION **0**



CABLE SCHEDULE		
CIRCUIT BREAKER RATING	PVC / CU CABLE SIZE (1ø)	PVC / CU CABLE SIZE (3ø)
6A/10A	1.5mm^2	1.5mm^2
16A/20A	2.5mm^2	4mm^2
30A/32A	6mm^2	10mm^2
40A/50A	10mm^2	16mm^2
60A	16mm^2	25mm^2
100A	35mm^2	50mm^2
150A	70mm^2	95mm^2
200A	95mm^2	120mm^2
250A	150mm^2	185mm^2
300A	185mm^2	240mm^2

51/F

ELECTRICAL SCHEMATIC DIAGRAM

REVISIONS

DATE	DESCRIPTIONS	REVISION
12/11	FOR TENDER	0

TENDER
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PROJECT NAME
CLI (OVERSEAS) COMPANY LIMITED
AT
UNIT 5105, 51/F,
INTERNATIONAL COMMERCE CENTRE,
1 AUSTIN ROAD WEST, WEST KOWLOON, H.K.

DRAWING TITLE
ELECTRICAL SCHEMATIC DIAGRAM

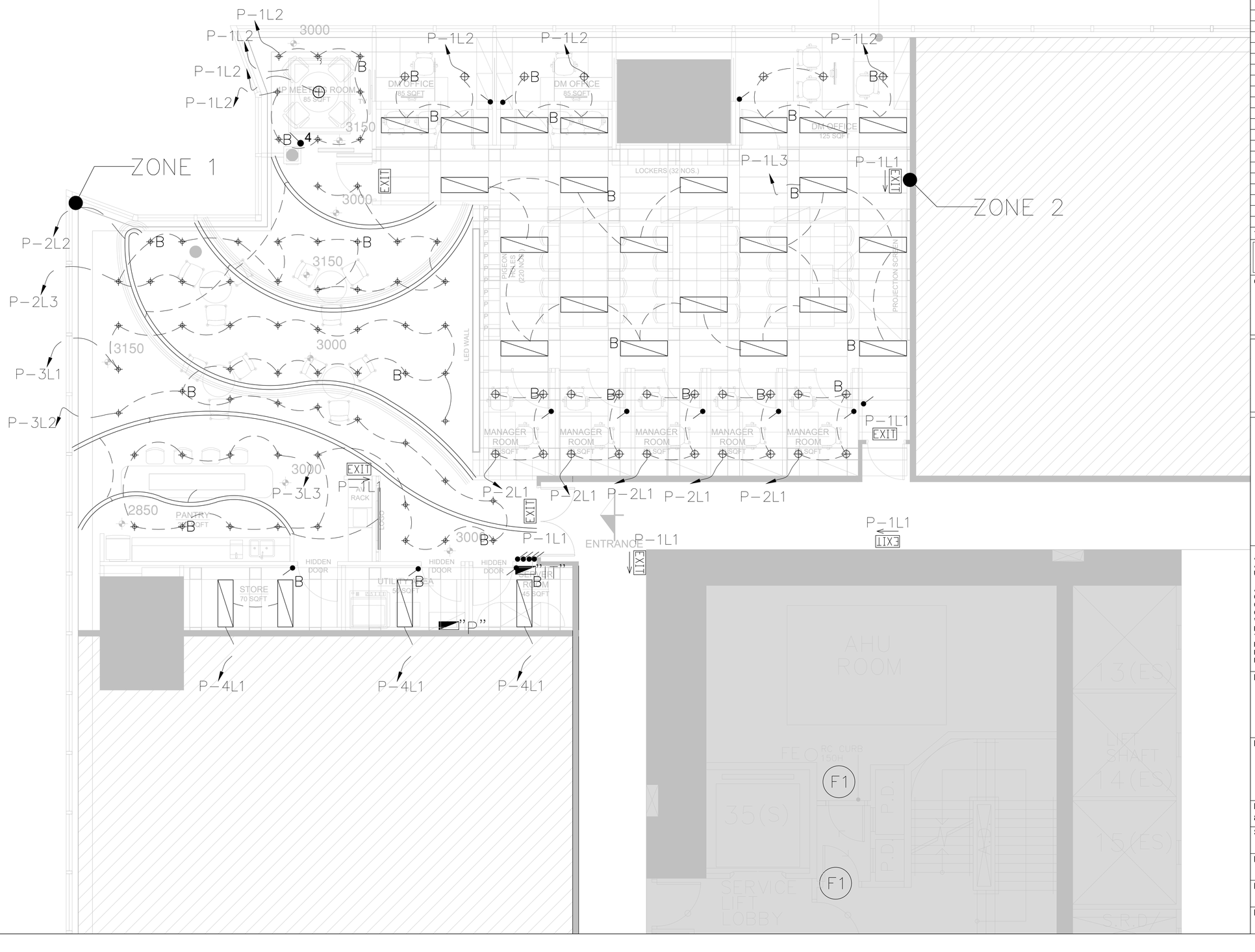
PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
NTS	**12-NOV-2026**
DRAWN BY	CHECKED BY
TL	**TL**
DESIGNED BY	APPROVED BY

DRAWING NO. **ICC-51F-E-002** REVISION **0**

NOTES:

1.ALL LIGHTINGS ARE ON/OFF ONLY.



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AT
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1 AUSTIN ROAD WEST, WEST KOWLOON, H.K.

DRAWING TITLE

LIGHTING LAYOUT

PROJECT NO.	
811-260901	
SCALE	DATE OF ISSUE
1:100@A3	**12-NOV-2026**
DRAWN BY	CHECKED BY
TL	**TL**
DESIGNED BY	APPROVED BY
DRAWING NO.	REVISION
ICC-51F-E-101	**0**

BRONZE COLOR 13A TWIN S/O WITH USB TYPE A AND TYPE C OUTLET



REVISIONS

DATE	DESCRIPTIONS	REVISION
12/11	FOR TENDER	0

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AT
UNIT 5105, 51/F,
INTERNATIONAL COMMERCE CENTRE,
1 AUSTIN ROAD WEST, WEST KOWLOON, H.K.

DRAWING TITLE

POWER AND ELV LAYOUT

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
1:100@A3	**2026-11-13**
DRAWN BY	CHECKED BY
CAD	**-**
DESIGNED BY	APPROVED BY
FS	**-**
DRAWING NO.	REVISION
ICC-51F-E-201	**1**

NEW 100mm x 100mm POWER TRUNKING AT H/L

NEW 100mm x 100mm ELV TRUNKING AT H/L

Lantau

4P MEETING ROOM
85 SQFT
TV

DM OFFICE
85 SQFT

DM OFFICE
85 SQFT

DM OFFICE
125 SQFT

LOCKERS (32 NOS.)

P P P P

IT IT

P

P

IT

PIGEON HOLES

LED WALL

PROJECTION SCREEN

MANAGER ROOM
50 SQFT

MANAGER ROOM
50 SQFT

MANAGER ROOM
50 SQFT

MANAGER ROOM
50 SQFT

MANAGER ROOM
50 SQFT

AV RACK

LOCKER

PANTRY
260 SQFT

P

IT

ENTRANCE

HIDDEN DOOR

HIDDEN DOOR

HIDDEN

UTILITY AREA
50 SQFT

STORE
70 SQFT

"P"

"IT"

TO INCOMING POWER TRUNKING FOR INCOMING POWER CABLE

TO INCOMING ELV TRUNKING FOR INCOMING ELV CABLE

AHU ROOM

RC CURB 150H

F1

35(S)

13(ES)

LIFT SHAFT

14(ES)

15(ES)

REVISIONS

DATE	DESCRIPTIONS	REVISION
12/11	FOR TENDER	0

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PROJECT NAME

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AT
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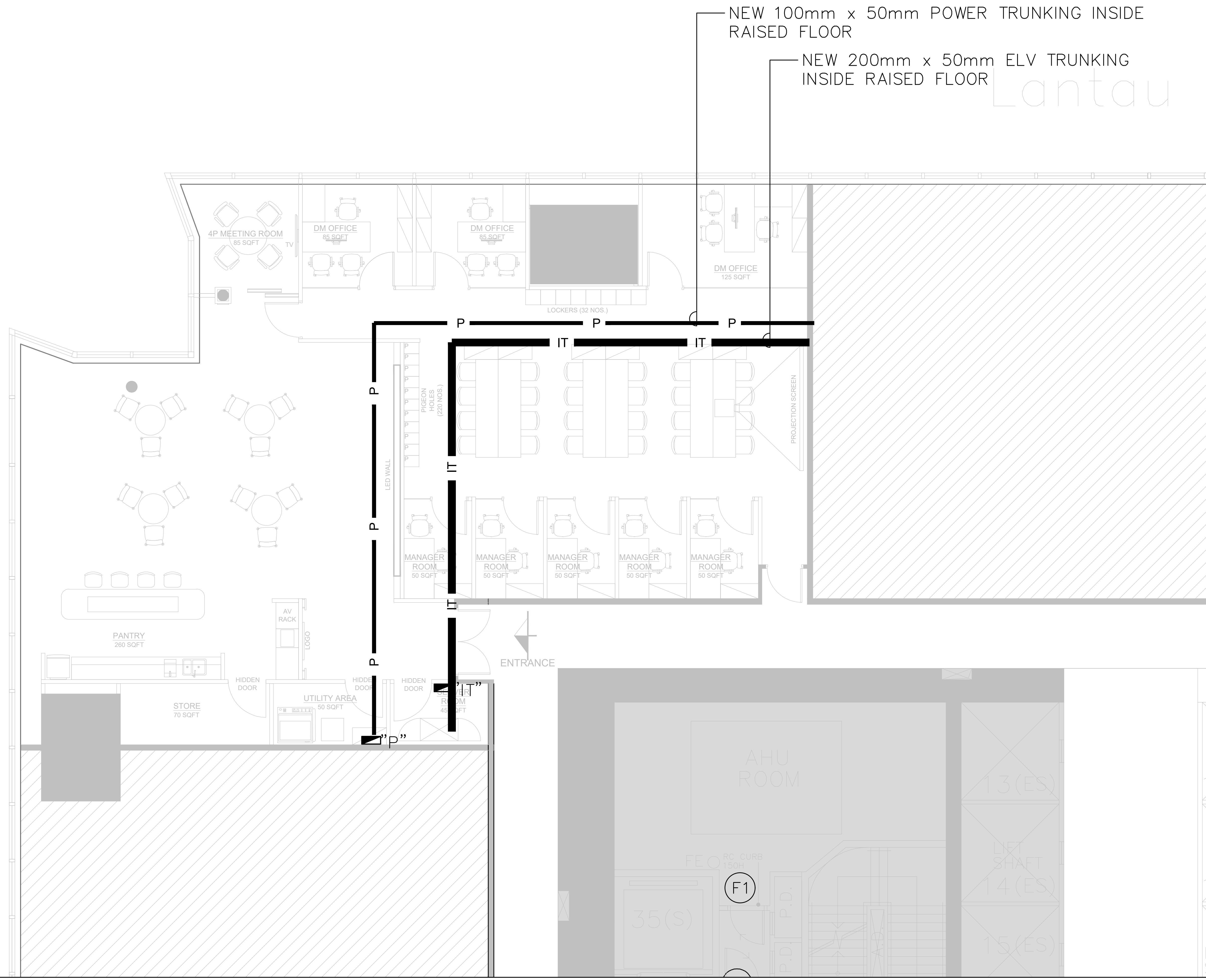
DRAWING TITLE

CEILING TRUNKING LAYOUT

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
1:100@A3	**12-NOV-2026**
DRAWN BY	CHECKED BY
TL	**TL**
DESIGNED BY	APPROVED BY

DRAWING NO. **ICC-51F-E-301** REVISION **0**



REVISIONS		
DATE	DESCRIPTIONS	REVISION
12/11	FOR TENDER	0

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PROJECT NAME

CLI (OVERSEAS) COMPANY LIMITED

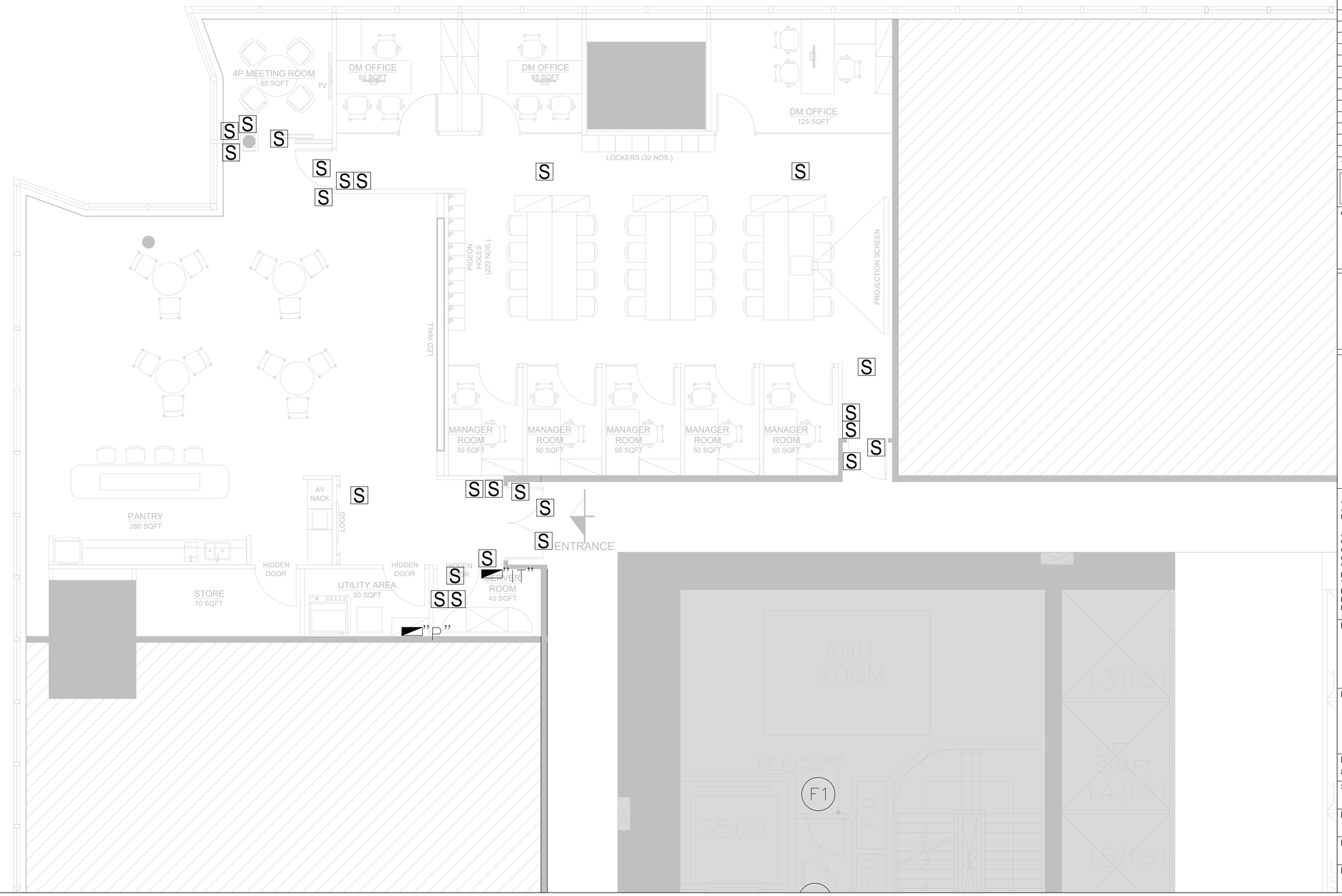
AT
UNIT 5105, 51/F,
INTERNATIONAL COMMERCE CENTRE,
1 AUSTIN ROAD WEST, WEST KOWLOON, H.K.

DRAWING TITLE

FLOOR TRUNKING LAYOUT

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
1:100@A3	**12-NOV-2026**
DRAWN BY	CHECKED BY
TL	**TL**
DESIGNED BY	APPROVED BY
DRAWING NO.	REVISION
ICC-51F-E-401	**0**



REVISIONS		
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AT
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DRAWING TITLE

SECURITY CONDUIT POINT LAYOUT

PROJECT NO.	
811-260901	
SCALE	DATE OF ISSUE
1:100@A3	**12-NOV-2026**
DRAWN BY	CHECKED BY
TL	**TL**
DESIGNED BY	APPROVED BY
DRAWING NO.	REVISION
ICC-51F-E-501	**0**

PANELBOARD NO. :DB-P **NO. OF WAY: 16**

DESCRIPTION	BREAKER POLE	BREAKER AMP	WIRE	CKT. NO.	PHASE A	PHASE B	PHASE C	CKT. NO.	WIRE	BREAKER POLE	BREAKER AMP	DESCRIPTION
EXIT SIGN	1	10	2x1.5mm^2	1L1	●			2L1	2x1.5mm^2	1	10	LIGHTING
LIGHTING	1	10	2x1.5mm^2	1L2		●		2L2	2x1.5mm^2	1	10	LIGHTING
LIGHTING	1	10	2x1.5mm^2	1L3			●	2L3	2x1.5mm^2	1	10	LIGHTING
LIGHTING	1	10	2x1.5mm^2	3L1	●			4L1	2x1.5mm^2	1	10	LIGHTING
LIGHTING	1	10	2x1.5mm^2	3L2		●		4L2		1	20*	
LIGHTING	1	10	2x1.5mm^2	3L3			●	4L3		1	20*	
CLEANING 13A S/O	1	20*	2x2.5mm^2	5L1	●			6L1	2x2.5mm^2	1	20*	13A S/O
13A S/O	1	20*	2x2.5mm^2	5L2		●		6L2	2x2.5mm^2	1	20*	13A S/O
13A S/O	1	20*	2x2.5mm^2	5L3			●	6L3	2x2.5mm^2	1	20	FSU FOR PROJECTION
13A S/O	1	20*	2x2.5mm^2	7L1	●			8L1	2x2.5mm^2	1	20*	13A S/O
13A S/O	1	20*	2x2.5mm^2	7L2		●		8L2	2x2.5mm^2	1	20*	13A S/O
13A S/O	1	20*	2x2.5mm^2	7L3			●	8L3	2x2.5mm^2	1	20*	13A S/O
13A S/O	1	20*	2x2.5mm^2	9L1	●			10L1	2x2.5mm^2	1	20*	13A S/O
13A S/O	1	20*	2x2.5mm^2	9L2		●		10L2	2x2.5mm^2	1	20	FSU FOR SUMP PUMP AND EAF
13A S/O	1	20*	2x2.5mm^2	9L3			●	10L3	2x6mm^2	1	32	35A DP SWITCH FOR HEATER
13A S/O	1	20*	2x2.5mm^2	11L1	●			12L1				
				11L2		●		12L2				
				11L3			●	12L3				
				13L1	●			14L1				
				13L2		●		14L2				
				13L3			●	14L3				
				15L1	●			16L1				
				15L2		●		16L2				
				15L3			●	16L3				

SOURCE BUS RATING 100A

SERVICE VOLTAGE 220 / 380 V MAIN A.I. SWITCH RATING 100A

NOTES:-

(1) PROVIDE RESIDUAL CURRENT DEVICE (OF 30 mA SENSITIVITY) FOR CIRCUITS SERVING SOCKET OUTLETS (*)

(2) PROVIDE MCB FOR CIRCUITS SERVING OTHER LOADS WITH BREAKING CAPACITY OF 6 KA OR BETTER

(3) ALL CIRCUIT CONDUCTOR TO BE 1/C PVC CU CABLE TO BS 6004 UNLESS OTHER STATED

(4) ALL CIRCUIT CONDUCTOR'S CROSS SECTIONAL SIZE GREATER THAN 2.5 MM2 SHALL BE USE STRANDED TYPE UNLESS OTHERWISE STATED

PANELBOARD NO. :DB-IT **NO. OF WAY: 6**

DESCRIPTION	BREAKER POLE	BREAKER AMP	WIRE	CKT. NO.	PHASE A	PHASE B	PHASE C	CKT. NO.	WIRE	BREAKER POLE	BREAKER AMP	DESCRIPTION
16A CEE FORM S/O FOR RACK	1	20*	2x2.5mm^2	1L1	●			2L1	2x2.5mm^2	1	20*	16A CEE FORM S/O FOR RACK
13A S/O	1	20*	2x2.5mm^2	1L2		●		2L2	2x2.5mm^2	1	20	FSU FOR SECURITY
FSU FOR REAF	1	20	2x2.5mm^2	1L3			●	2L3	2x2.5mm^2	1	20*	13A S/O
				3L1	●			4L1				
				3L2		●		4L2				
				3L3			●	4L3				
				5L1	●			6L1				
				5L2		●		6L2				
				5L3			●	6L3				

SOURCE MCB BOARD "P" BUS RATING 100A

SERVICE VOLTAGE 220 / 380 V MAIN A.I. SWITCH RATING 100A

NOTES:-

(1) PROVIDE RESIDUAL CURRENT DEVICE (OF 30 mA SENSITIVITY) FOR CIRCUITS SERVING SOCKET OUTLETS (*)

(2) PROVIDE MCB FOR CIRCUITS SERVING OTHER LOADS WITH BREAKING CAPACITY OF 6 KA OR BETTER

(3) ALL CIRCUIT CONDUCTOR TO BE 1/C PVC CU CABLE TO BS 6004 UNLESS OTHER STATED

REVISIONS

DATE	DESCRIPTIONS	REVISION
12/11	FOR TENDER	0

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AT
UNIT 5105, 51/F,
INTERNATIONAL COMMERCE CENTRE,
1 AUSTIN ROAD WEST, WEST KOWLOON, H.K.

DRAWING TITLE
MCB BOARD SCHEDULE

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
NTS	12-NOV-2026
DRAWN BY	CHECKED BY
TL	TL
DESIGNED BY	APPROVED BY

DRAWING NO. **ICC-51F-E-601** REVISION **0**

LEGEND :

- EXISTING LOWER LAYER WET SPRINKLER HEAD
- RELOCATED LOWER LAYER WET SPRINKLER HEAD
- NEW LOWER LAYER WET SPRINKLER HEAD (CONCEALED TYPE IF ALLOWED)
- NEW LOWER LAYER WET SPRINKLER HEAD (EXPOSED TYPE)
- FIRE EXTINGUISHER (2kg CO_2 PORTABLE)
- RELOCATED FIRE SMOKE DETECTOR
- NEW ALARM BELL (INSIDE CEILING VOID)
- NEW BREAKGLASS UNIT
- EXISTING HOSE REEL
- EXISTING HOSE REEL TO BE RELOCATED
- NEW HOSE REEL
- RELOCATED PA SPEAKER
- BASE BUILDING COMMON FIRE ALARM SIGNAL (FOR DOOR RELEASE)
- EXISTING VISUAL FIRE ALARM
- NEW VISUAL FIRE ALARM

GENERAL NOTES FOR INSTALLATION :

1. INSTALL AND COORDINATE LEVELS OF SPRINKLERS AND OTHER ACCESSORIES WITH FALSE CEILING LEVEL .
2. INSTALL PIPES, AND CONDUITS AS HIGH AS POSSIBLE TO ALLOW MAXIMUM FALSE CEILING VOID .
3. INFORMATION ON EQUIPMENT SHOWN ON DRAWINGS ARE DATA PROVIDED BY SUPPLIERS / MANUFACTURES, AND ARE SHOWN FOR REFERENCE ONLY . VERIFY EXACT DIMENSIONS, WEIGHTS, AND OTHER DATA OF THE EQUIPMENT SUPPLIED FOR THEIR INTENDED USAGE PRIOR TO INSTALLATION .
4. PROVIDE EQUIPMENT / MATERIAL MATCHING BASE BUILDING SPECIFICATIONS .
5. FOR ALL CONDUIT, AND PIPING PASSING THROUGH FIRE RATED PARTITION, SLEEVE SHALL BE INSTALLED AND WITH FIRE RATED MATERIAL SHALL BE PROVIDED . SEALING WITH FIRE RATED MATERIAL SHALL BE PROVIDED .
6. FIRE SERVICES INSTALLATION WORKS SHALL BE CARRIED OUT BY BASE BUILDING NOMINATED CONTRACTOR UNLESS OTHERWISE SPECIFIED .
7. EXISTING A/V SYSTEM FOR WHOLE AREAS SHALL BE RETAINED .
8. ADDITION AND MODIFICATION OF UPPER LAYER SPRINKLERS (IF ANY) SHALL BE PROVIDED FOR FULL HEIGHT(SLAB–TO–SLAB) PARTITIONS AND MODIFICATION OF EXISTING FCU AND AIR CONDITIONING DUCTING AND ANY ELECTRICAL INSTALLATION EQUIPMENT MOUNTED AT H/L ETC .
9. A MINIMUM OF 500mm CLEARANCE SPACE SHALL BE MAINTAINED BELOW ALL INSTALLED SPRINKLER HEADS .

REVISIONS

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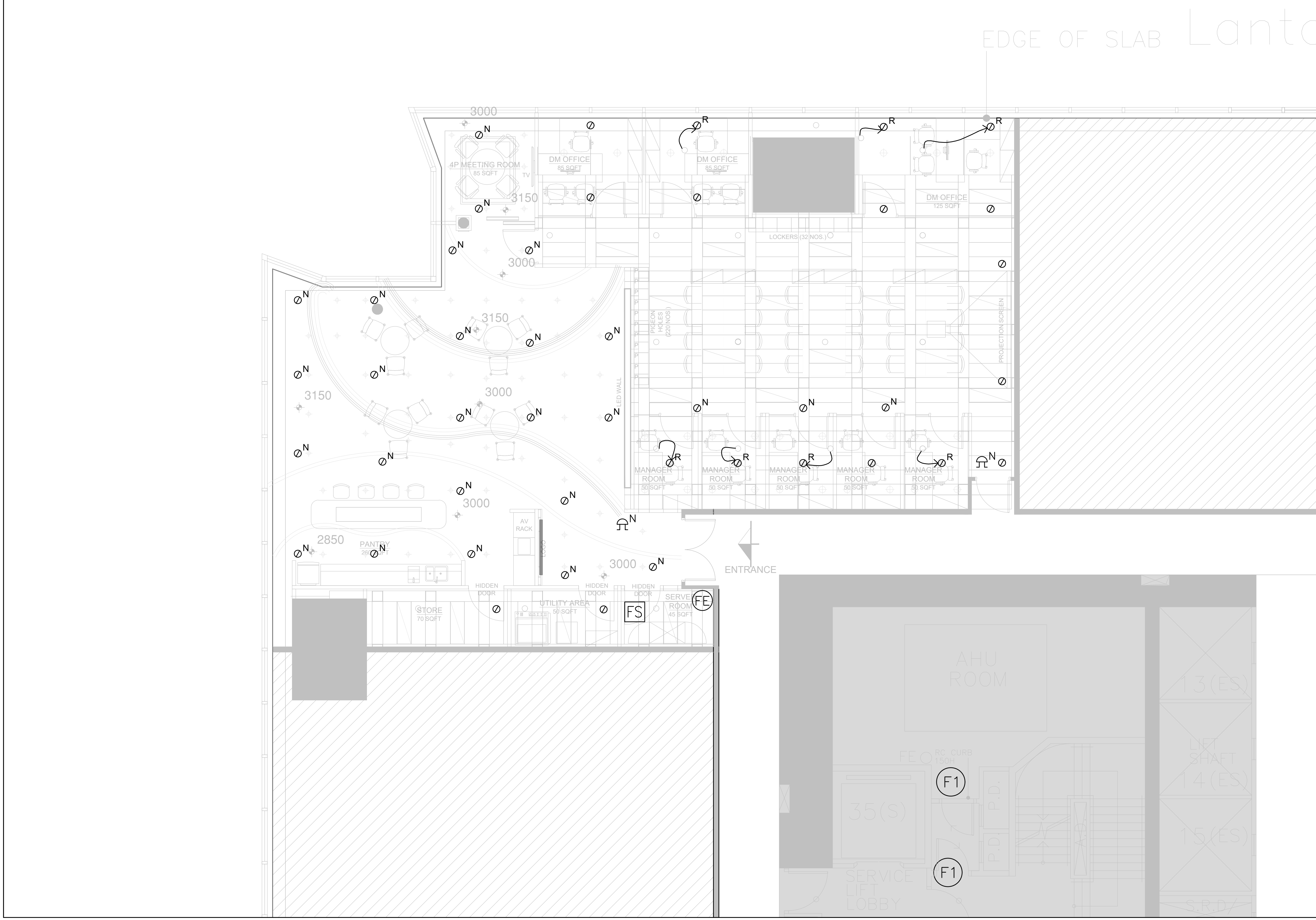
PROJECT NAME
CLI (OVERSEAS) COMPANY LIMITED
AT
UNIT 5105, 51/F,
INTERNATIONAL COMMERCE CENTRE,
1 AUSTIN ROAD WEST, WEST KOWLOON, H.K.

DRAWING TITLE
FIRE SERVICES LEGEND AND NOTES

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
NTS	**12-NOV-2026**
DRAWN BY	CHECKED BY
TL	**TL**
DESIGNED BY	APPROVED BY

DRAWING NO. **ICC-51F-FS-001** REVISION **0**



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AT
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DRAWING TITLE
FIRE SERVICES LAYOUT

PROJECT NO.
811-260901

SCALE	DATE OF ISSUE
1:100@A3	12-NOV-2026
DRAWN BY	CHECKED BY
TL	TL
DESIGNED BY	APPROVED BY
DRAWING NO.	REVISION
ICC-51F-FS-101	0

PLUMBING AND DRAINAGE LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT	MAKE / MODEL	REMARKS
CWP	COLD WATER PIPE COPPER PIPE			
WWP	PUMPED WASTE WATER G.I. PIPE			
	CHECK VALVE			
	GATE VALVE			
M / S	SOLENOID CONTROL VALVE			
	STAINLESS STEEL DUAL SUBMERSIBLE SUMP PUMP	INSIDE PANTRY CABINET		
	SUMP PUMP CONTROL PANEL			
H	INSTANTANEOUS ELECTRIC TYPE WATER HEATER (6kw)	INSIDE PANTRY CABINET		

DRAIN SUMP PUMP SCHEDULE

SYMBOL	MANUFACTURER	DISCHARGE BORE	VOLT/PHASE/ FREQUENCY	MAXIMUM TOTAL HEAD	MAXIMUM CAPACITY PER PUMP	REMARKS
	TSURUMI HS2.4S. OR APPROVED EQUIVALENT	40 mm DIAMETER	220V/1ø/50Hz	10 m	220 L/min	ONE DUTY & ONE STANDBY

WATER DETECTION LEGEND

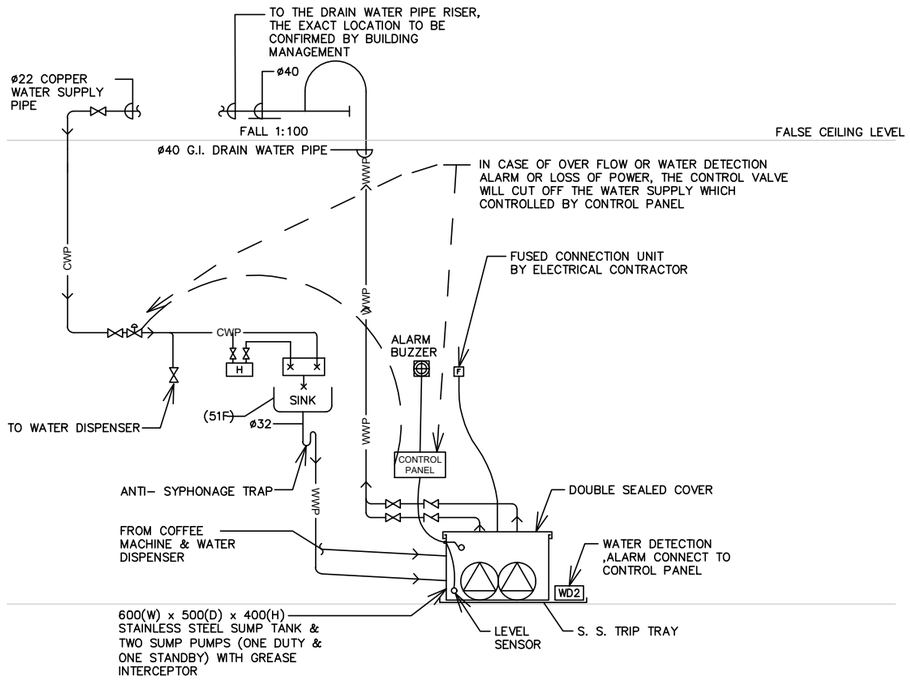
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	MAKE / MODEL	REMARKS
WD2	POINT TYPE WATER LEAKAGE DETECTOR	INSIDE DRIP TRAY		
WD	WATER DETECTION SENSING CABLE	UNDER RAISED FLOOR / INSIDE CABINET		

GENERAL NOTES :

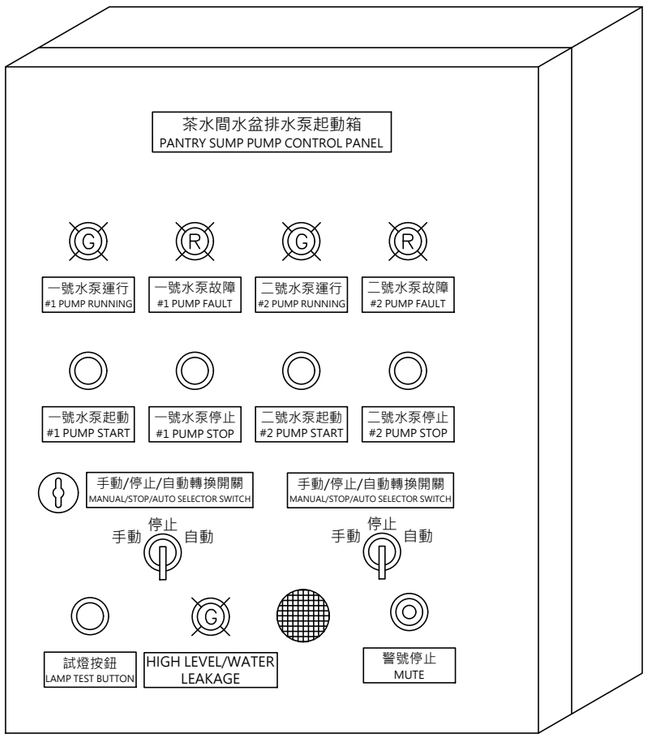
1. LOCATION OF EQUIPMENT ON DRAWINGS ARE SHOWN IN DIAGRAMMATIC, COORDINATE AND CONFIRM ALL ACCESSORIES AND FIXTURE POSITIONS WITH THE DESIGNER AND MAIN CONTRACTOR PRIOR TO INSTALLATION .
2. INSTALL AND COORDINATE LEVELS OF LIGHT FIXTURES, DIFFUSERS, SPRINKLERS AND OTHER ACCESSORIES WITH FALSE CEILING LEVEL .
3. INSTALL PIPES, AND CONDUITS AS HIGH TO ALLOW MAXIMUM FALSE CEILING VOID .
4. INFORMATION ON EQUIPMENT SHOWN ON DRAWINGS ARE PROVIDED BY SUPPLIERS/MANUFACTURES, AND ARE SHOWN FOR REFERENCE ONLY. VERIFY EXACT DIMENSIONS, WEIGHTS, AND OTHER DATA OF THE EQUIPMENT SUPPLIED FOR THEIR INTENDED USAGE PRIOR TO INSTALLATION .
5. PROVIDE EQUIPMENT/MATERIAL MATCHING BASE BUILDING SPECIFICATIONS .
6. LOCATIONS OF ALL VALVES, SHOWN ON THE DRAWINGS IS INDICATIVE ONLY . CONTRACTOR SHALL VERIFY AND COORDINATE THE EXACT LOCATION ON SITE .
7. ALL P/D PIPES, PIPE FITTINGS, WATER HEATER, ETC. SHALL COMPLY APPLICABLE LOCAL STANDARDS WITH APPROVAL FROM WATER WORKS DEPARTMENT .
8. FOR ALL CONDUIT, AND PIPING PASSING THROUGH FIRE RATED PARTITION, SLEEVE SHALL BE INSTALLED AND SEALING WITH FIRE RATED MATERIAL SHALL BE PROVIDED .
9. SELF-CLOSING TYPE WATER TAPS SHALL BE SUPPLIED BY OTHERS AND INSTALLED BY THE CONTRACTOR .
10. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR COMBINED SERVICE DRAWING AND COMBINED BUILDER'S WORK FOR APPROVAL .
11. CONTRACTOR SHALL COORDINATE OTHER TRADES FOR INSTALLATION TESTING AND COMMISSIONING .
12. THE PLUMBING AND DRAINAGE INSTALLATION SHALL BE CARRIED OUT BY BASE BUILDING NOMINATED CONTRACTOR WITHIN LANDLORD AREAS UNLESS OTHERWISE SPECIFIED .
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL NECESSARY STATUTORY APPLICATIONS FOR THE INSTALLATION WORKS .
14. THE CONTRACTOR SHALL COORDINATE WITH THE FIT-OUT CONTRACTOR FOR THE SUMP TANK AND PUMP, SUMP PUMP PANEL AND WATER DETECTION PANEL LOCATIONS .
15. WATER PROOFING SHALL BE PROVIDED FOR WATER POINTS BY THE GENERAL CONTRACTOR .
16. WIRING CIRCUIT FOR POWER SUPPLY TO SUMP PUMP SHALL BE SEPARATED FROM OTHER CIRCUIT .
17. THE CONTRACTOR SHALL SUBMIT THE SHOP DRAWINGS ON LAYOUT FLOOR PLAN, SCHEMATIC PLUMBING LINE DIAGRAM, SIZE OF SUMP TANK, USE OF MATERIAL AND QUANTITY OF SANITARY FITMENT ETC. TO THE LANDLORD .
18. SOLENOID VALVE WITH CONTROL PANEL SHALL BE INSTALLED FOR CUTTING OFF THE WATER SUPPLY ONCE THE SUMP(S) IS / ARE FAILURE .
19. HYDRAULIC WATER TESTING TO ALL PIPE WORKS SHALL NOT LESS THAN 1.5 TIMES OF THE WORKING PRESSURE OF FLOOR OR IN ACCORDANCE WITH THE REQUIREMENT OF LANDLORD, WHICHEVER IS HIGHER IN A PERIOD NOT LESS THAN 24 HOURS AND ARE TO BE CARRIED OUT IN THE PRESENCE OF LANDLORD'S REPRESENTATIVE UPON ADVANCE AGREED ARRANGEMENT .
20. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS LAID DOWN IN THE LATEST FIT-OUT GUIDES AND MANAGEMENT REGULATIONS PROVIDED BY THE LANDLORD .
21. AS-FITTED DRAWING (SOFT AND HARD COPIES) AND OPERATION & MAINTENANCE MANUAL SHALL BE SUBMITTED UPON COMPLETION OF FIT-OUT INSTALLATION WORKS .
22. THE SUMP TANK SHALL BE WATER TIGHT IN CONSTRUCTION IN ORDER TO PREVENT WATER FROM OVERFLOW, AND COMPLETED WITH BAFFLE PLATE FOR GREASE ENTRAPMENT. SHOP DRAWING SHALL BE SUBMITTED FOR APPROVAL PRIOR TO THE COMMENCEMENT OF WORKS .

CONTROL LOGIC FOR SUMP PUMP SYSTEM :

1. THE SUMP PUMP ON/OFF OPERATION SHALL BE CONTROLLED BY ACTIVATION OF LEVEL SENSOR .
2. DUTY / STANDBY PUMP SHALL BE OPERATED IN AN ALTERNATIVE MANNER .
3. DUAL PUMP IN OPERATION, HIGH LEVEL INDICATION LAMP AND ALARM SHALL BE ACTIVATED IN CASE OF HIGH WATER LEVEL . THEN THE CONTROL VALVE SHALL BE CLOSED AUTOMATICALLY .
4. ALARM SIGNAL FROM WATER DETECTION PANEL SHALL AUTOMATICALLY CLOSE THE CONTROL VALVE .
5. FAULT LAMP & ALARM SHALL BE ACTIVATED IN CASE OF POWER FAILURE, SUMP PUMP MAL-FUNCTION .
6. FAULT LAMP AND ALARM SHALL BE ACTIVATED IN CASE OF SHUT DOWN OF THE DUTY SUMP PUMP. THE STANDBY SUMP PUMP WILL THEN OPERATE AUTOMATICALLY .
7. LEAD-LAD CONTROL PROVIDED BY THE PUMP OPERATION .
8. MANUAL ON-OFF FOR INDIVIDUAL PUMP .
9. THE WATER SUPPLY WILL BE CUT OFF WHEN LOSS OF POWER SUPPLY .



PLUMBING AND DRAINAGE WORK SCHEMATIC DIAGRAM FOR PANTRY/WATER POINT



SUMP PUMP CONTROL PANEL LAYOUT

REVISIONS

DATE	DESCRIPTIONS	REVISION
12/11	FOR TENDER	0

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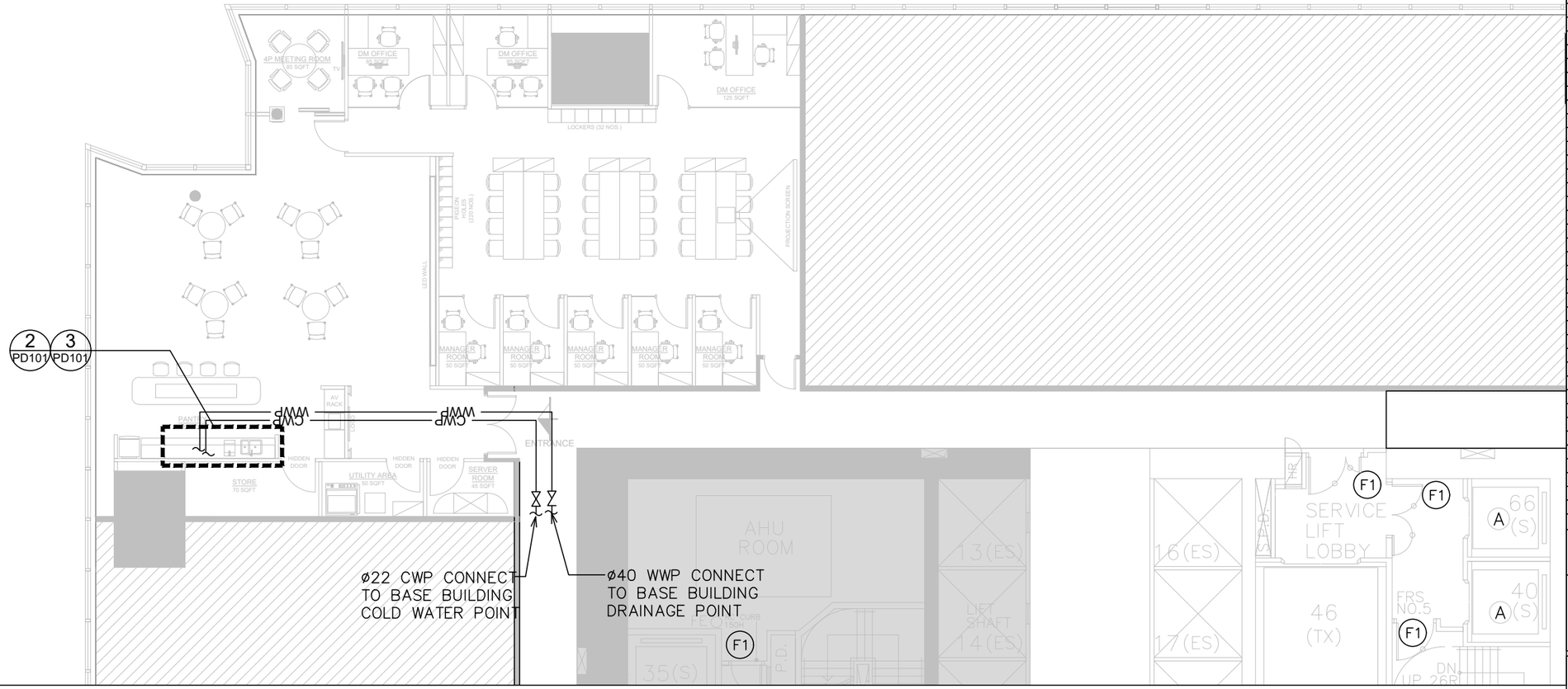
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AT
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PLUMBING & DRAINAGE SCHEMATIC LEGEND AND NOTES

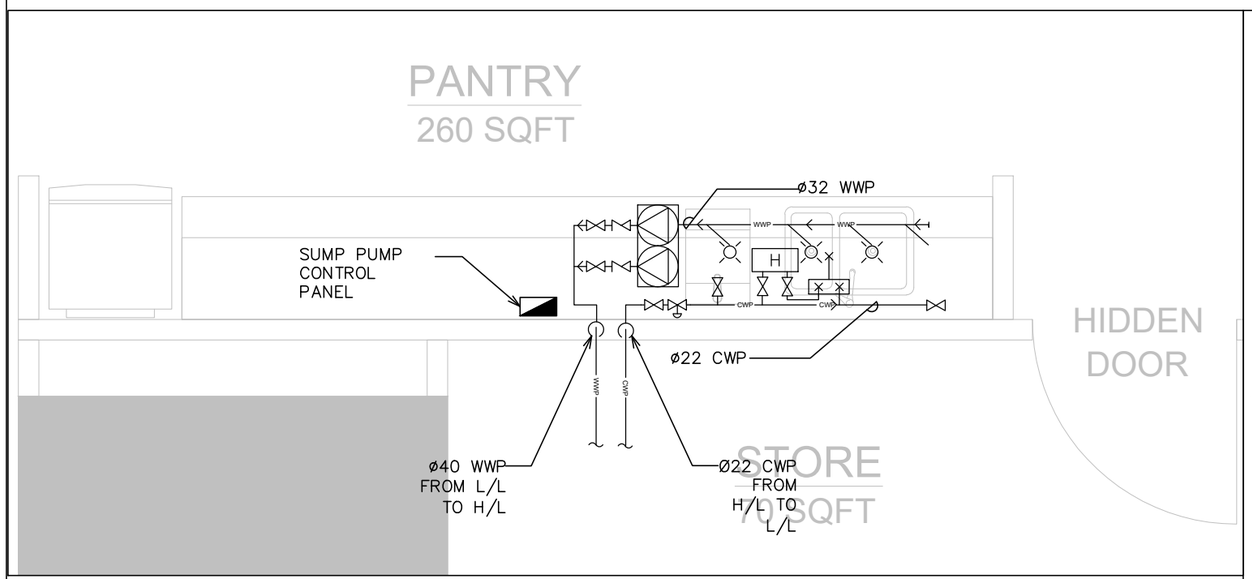
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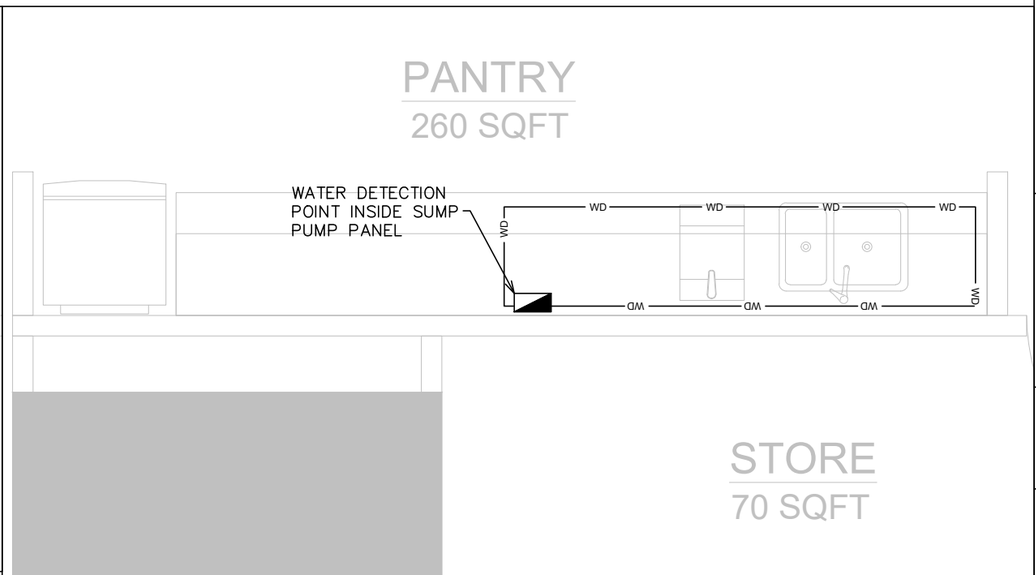
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1 PD101 KEY PLAN – 51/F
SCALE 1 : 200@A3



2 PD101 ENLARGED PLAN OF PANTRY – PLUMBING AND DRAINAGE LAYOUT
SCALE 1 : 30@A3



3 PD101 ENLARGED PLAN OF PANTRY – WATER DETECTION LAYOUT
SCALE 1 : 30@A3

REVISIONS

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DRAWING TITLE
PLUMBING & DRAINAGE AND WATER DETECTION LAYOUT

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