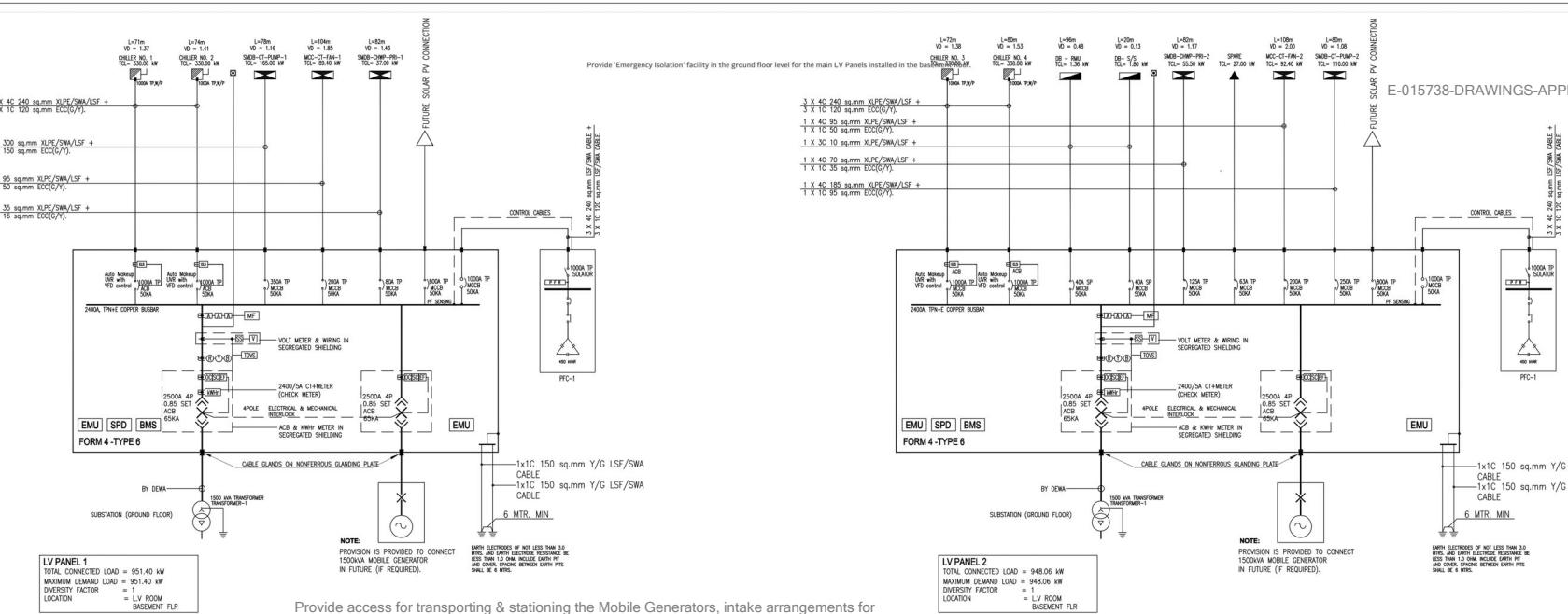


## KEY PLAN

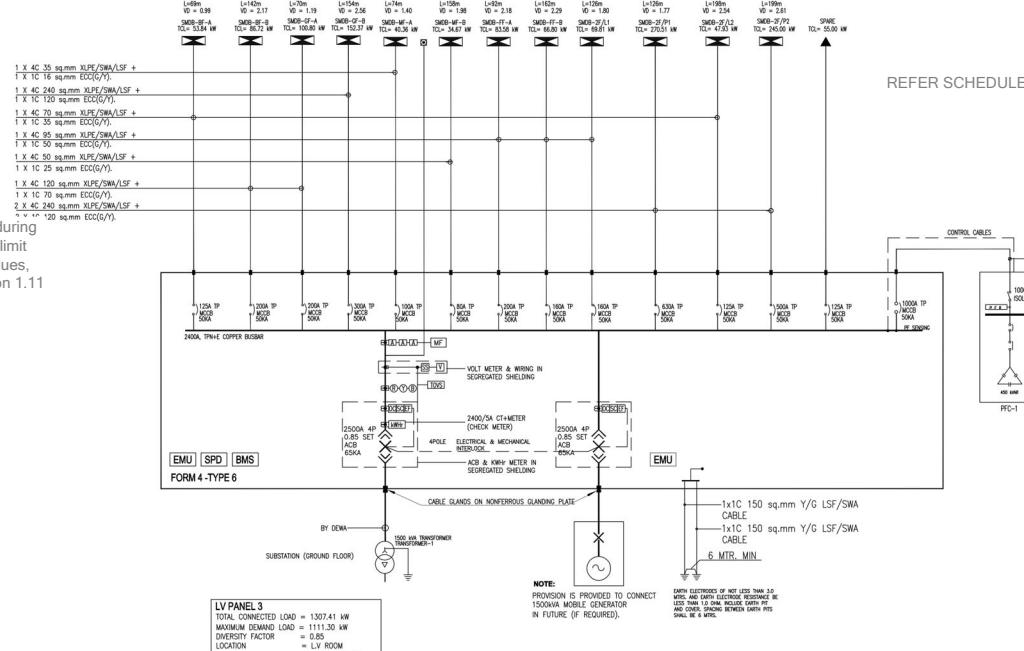


LIGHT FITTINGS DESCRIPTION	
MCB	✓
ISOLATOR	✗
ACB	✗
DB	✗
SMB	✗
DB	✗
CAPACITOR BANK	✗
CABLE GND	✗
ENERGY METER	✗

E-015738-DRAWINGS-APPROVED



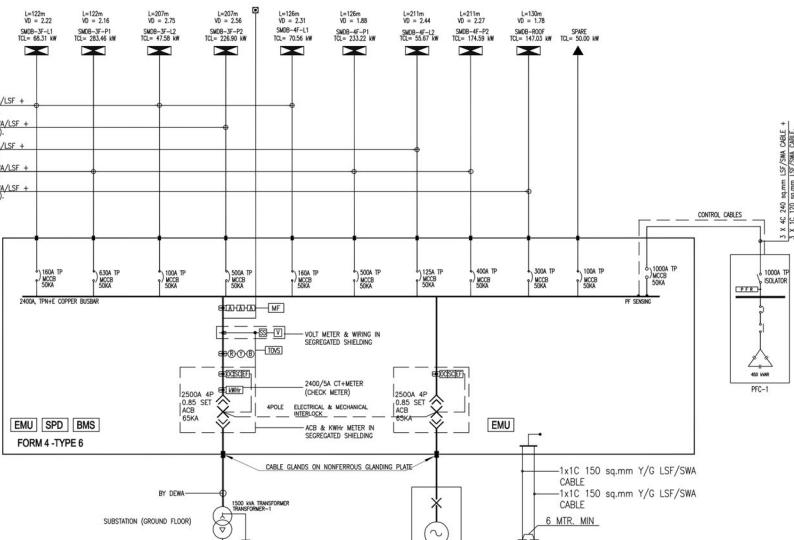
Provide access for transporting & stationing the Mobile Generators, intake arrangements for cabling & connection, identification labels and notices for connection of the generator, during emergencies.



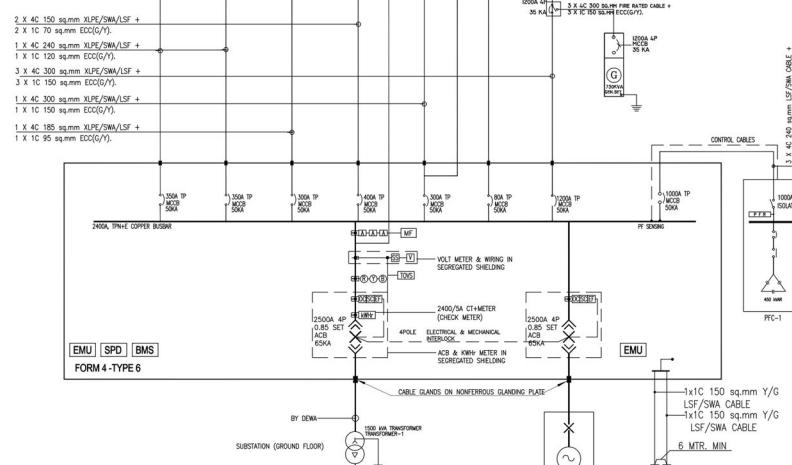
REFER SCHEDULES FOR MCCB RATING, LOAD, CABLE SIZE ETC

DRAWING REF NO.			
ARCH	MEP	STR	
E-042, SHEET-42			
CO ORDINATION TABLE			
GGB	SPACE	GBCA	NA
PL	NA	NA	NA
FF	NA	NA	NA
G1 AIR PPR NEW FURNITURE LAYOUT 02.10.2018			
00	FOR APPROVAL	17.09.2018	
REV	DESCRIPTION	DATE	APP.

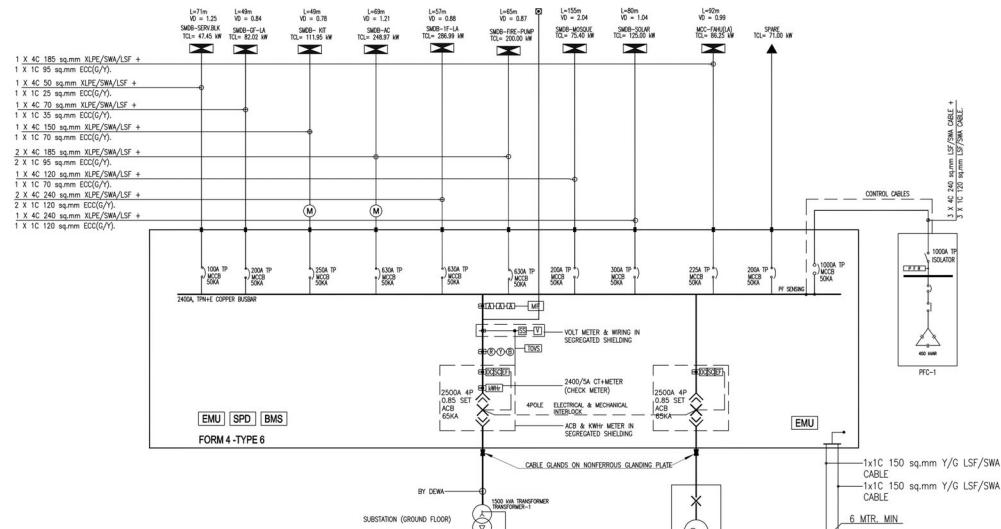
**PROJECT:**  
DUBAI ELECTRICITY AND WATER AUTHORITY  
OFFICE BUILDING (B+G+M+4)  
LABOUR ACCOMMODATION (G+2+R),  
WAREHOUSE 1 (Equipment Storage) (G+M),  
WAREHOUSE 2 (Storage) (G+M),  
SERVICE BLOCK (B+GR ONLY),  
MOUSQUE (GR ONLY),  
IMAM HOUSE & ABLUTION (GR ONLY),



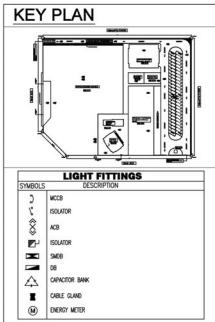
**LV PANEL 4**  
TOTAL CONNECTED LOAD = 1487.33 kW  
MAXIMUM DEMAND LOAD = 1232.73 kW  
DIVERSITY FACTOR = 0.95  
LOCATION = LV ROOM  
BASEMENT FLOOR



**LV PANEL 5**  
TOTAL CONNECTED LOAD = 1398.96 kW  
MAXIMUM DEMAND LOAD = 1191.11 kW  
DIVERSITY FACTOR = 0.95  
LOCATION = LV ROOM



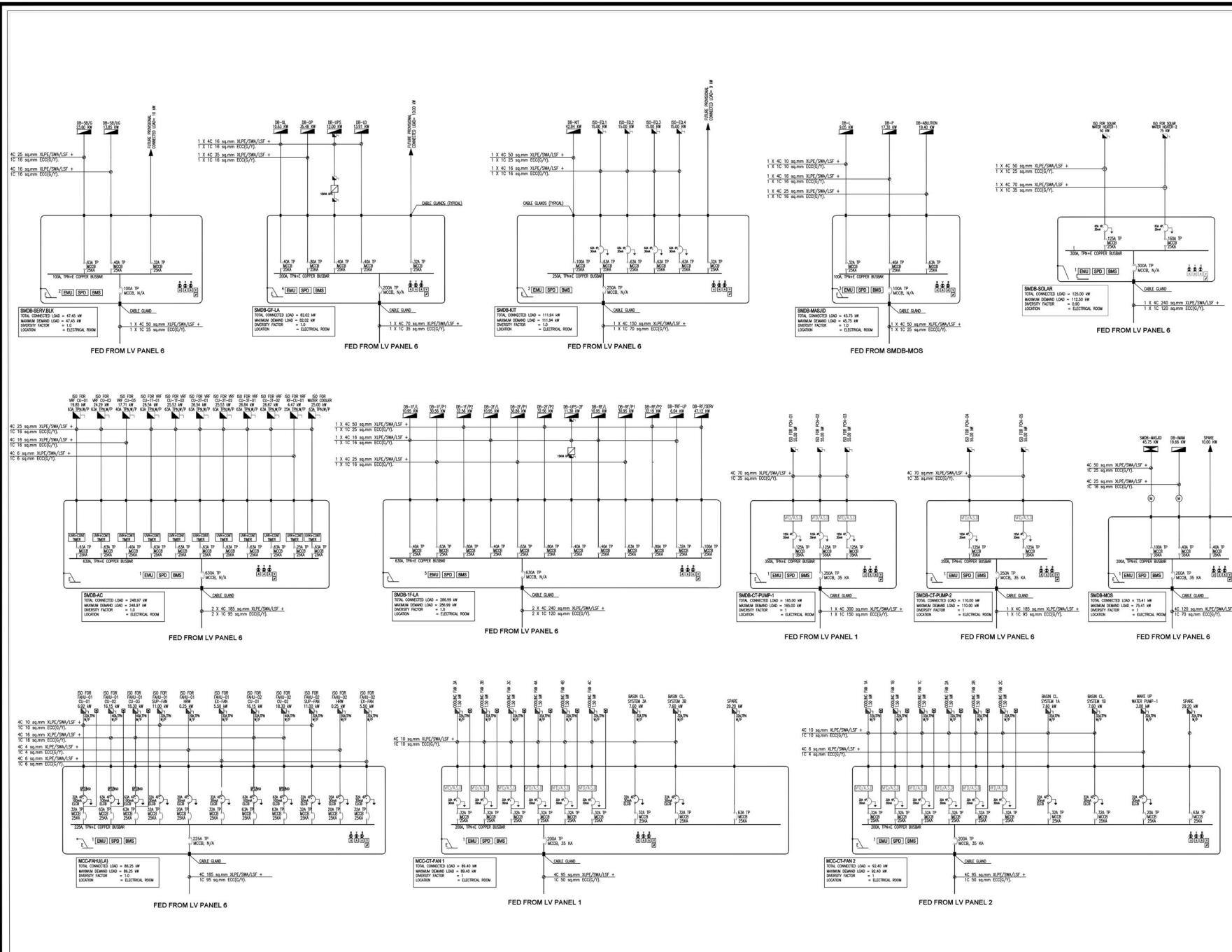
**LV PANEL 6**  
TOTAL CONNECTED LOAD = 1335.03 kW  
MAXIMUM DEMAND LOAD = 1134.78 kW  
DIVERSITY FACTOR = 0.95  
LOCATION = LV ROOM  
BASEMENT FLOOR



## KEY PLAN



LIGHT FITTINGS	
SYMBOL	DESCRIPTION
□	MCB
△	ISOLATOR
□+□	ACB
□+△	EDULATOR
■	SMCB
△	SPD
△+△	EMI
□+△+△	CABLE GLAND
□+△+△+△	ENERGY METER

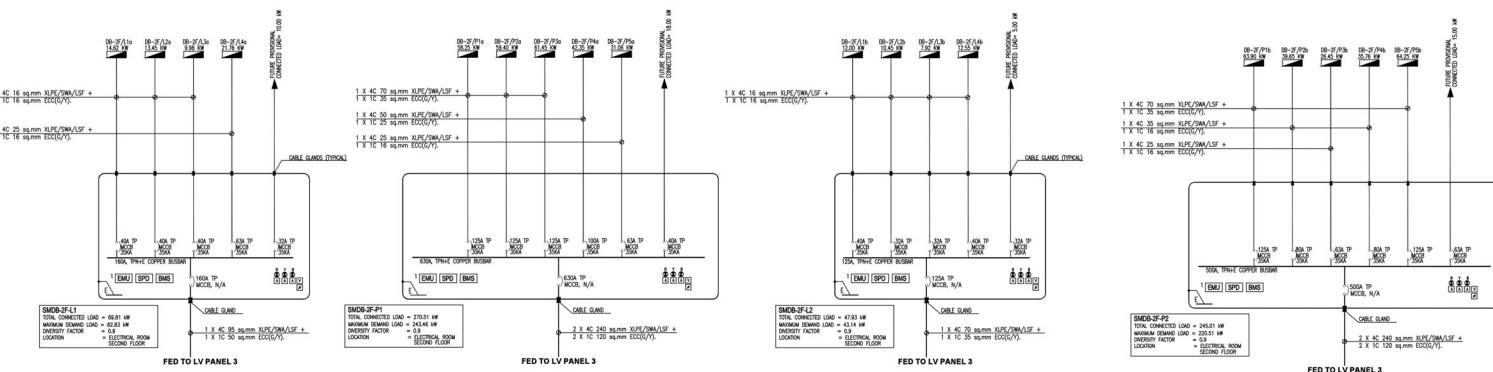
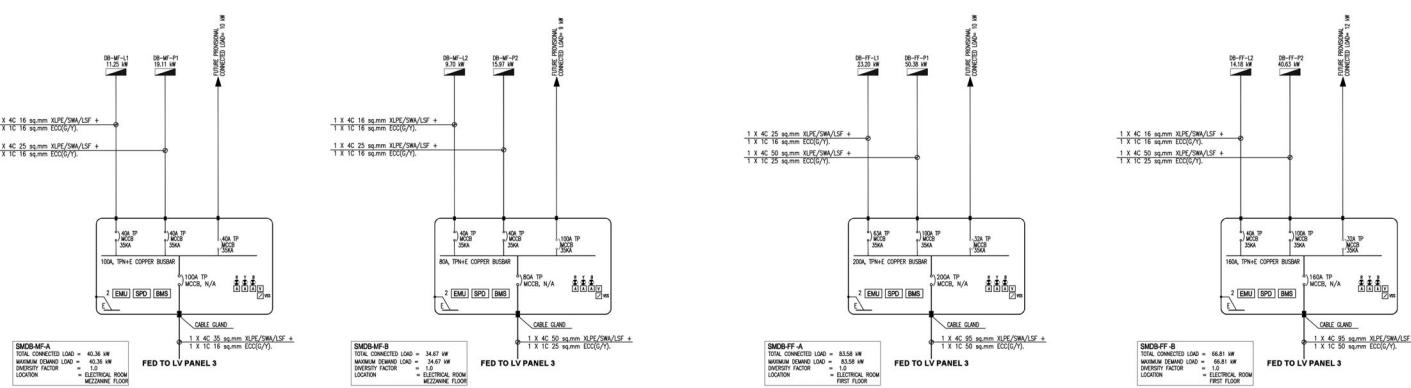
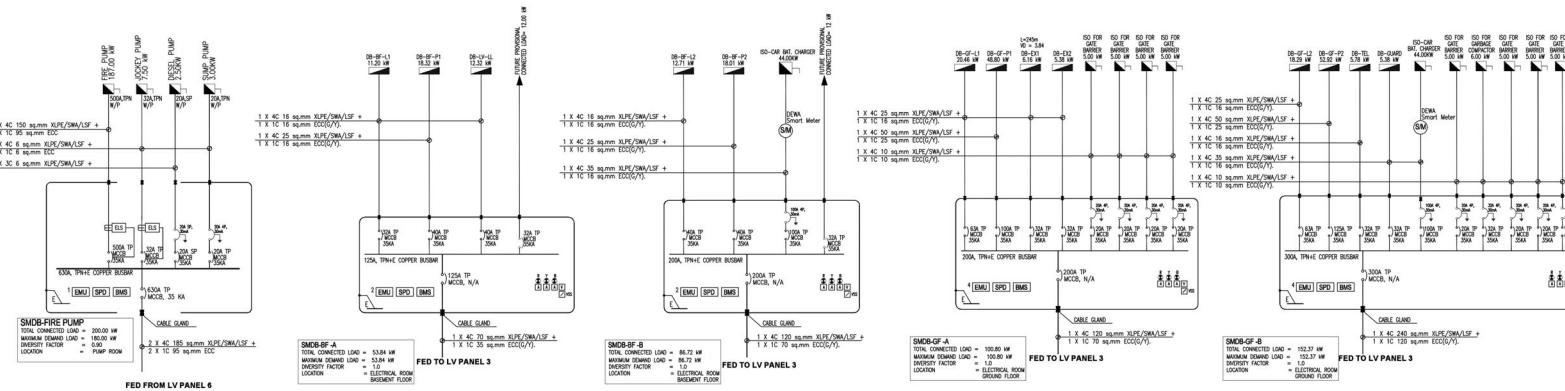


## KEY PLAN



## LIGHT FITTINGS

SYMBOL	DESCRIPTION
□	MCB
△	ISOLATOR
□+△	ACB
□+△+□	ISOLATOR
SM6	Smart Meter
DB	Capacitor Bank
□	CABLE GLAND
□	ENERGY METER

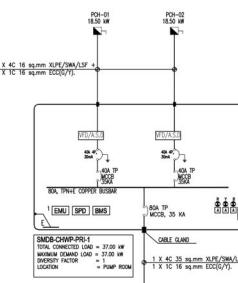
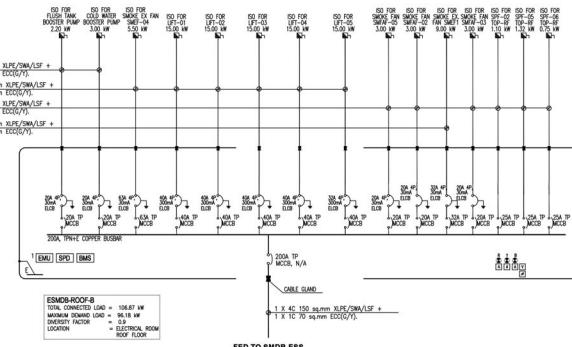
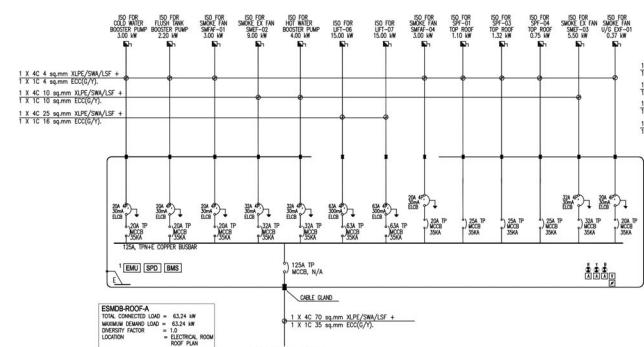
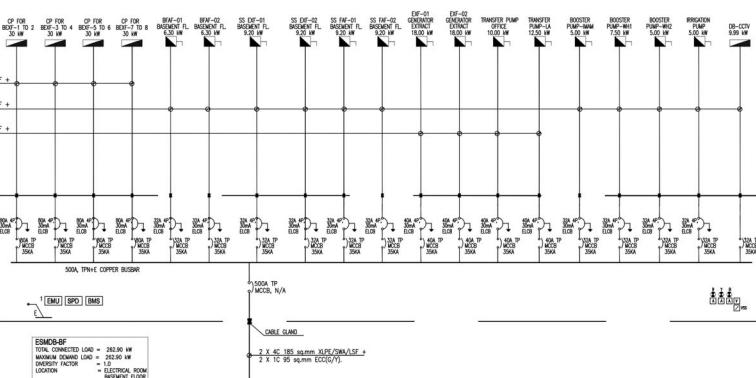
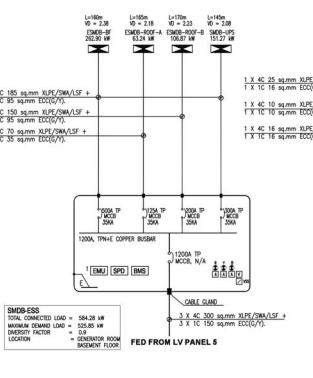
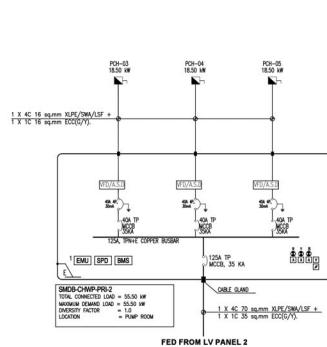
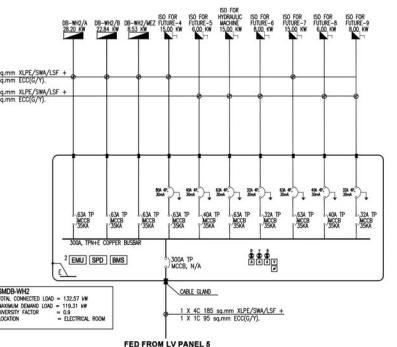
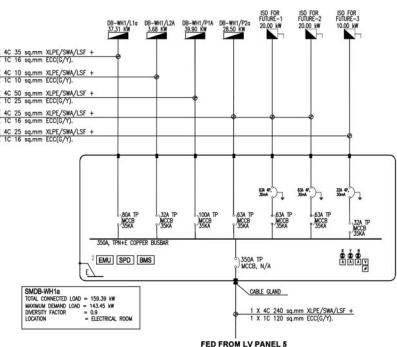
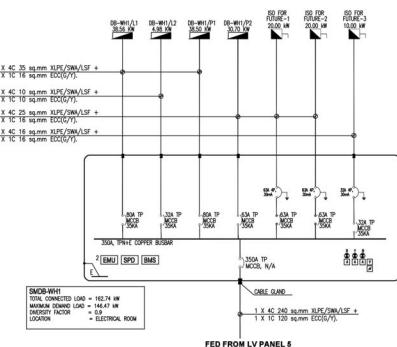


### KEY PLAN



### LIGHT FITTINGS

SYMBOLS	DESCRIPTION
□	MCB
△	ISOLATOR
△△	ISOLATOR
■	SMCB
△△△	GENERATOR BANK
■■■	CABLE GLAND
○	ENERGY METER

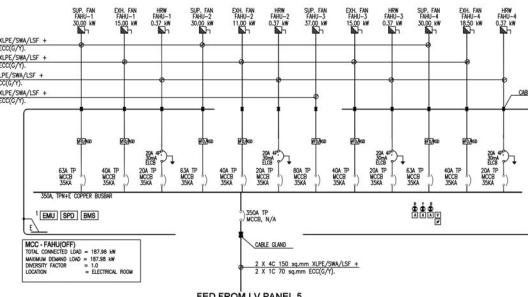
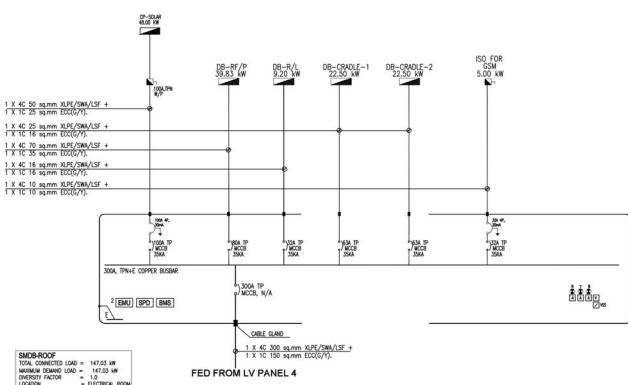
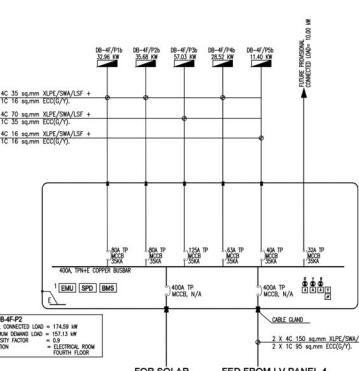
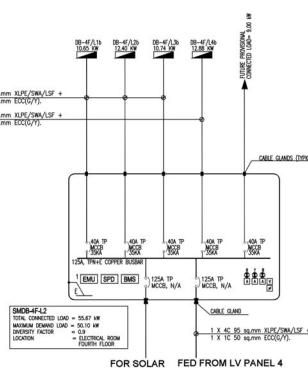
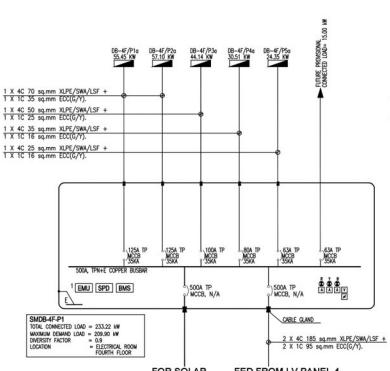
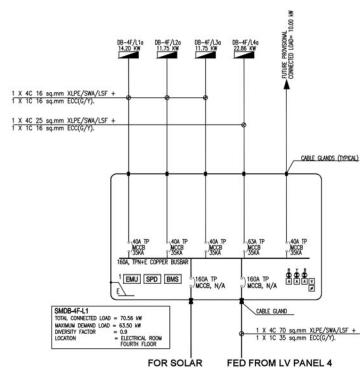
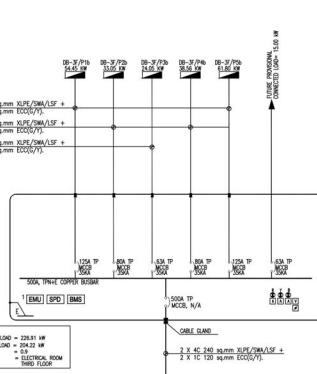
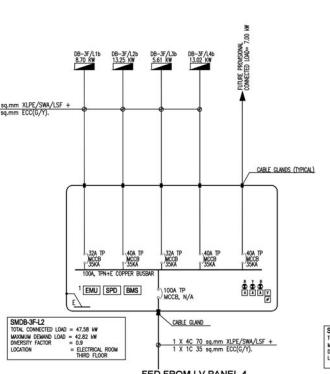
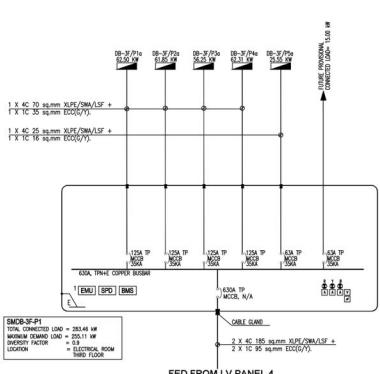
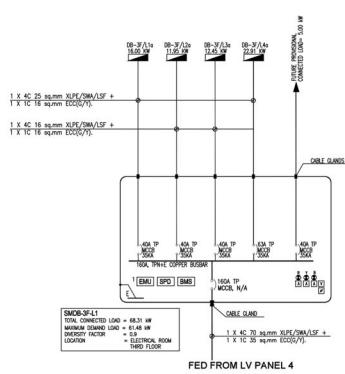


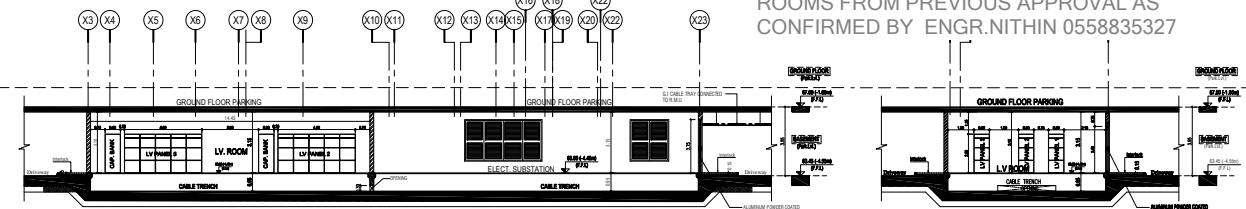
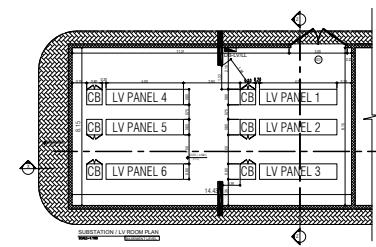
## KEY PLAN



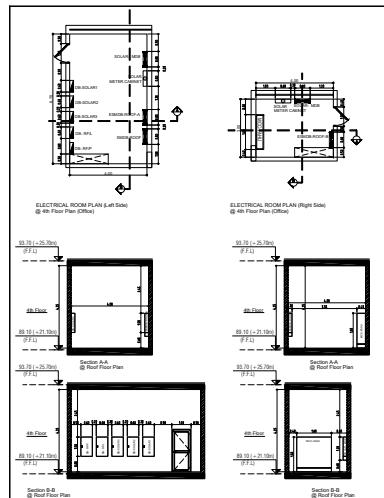
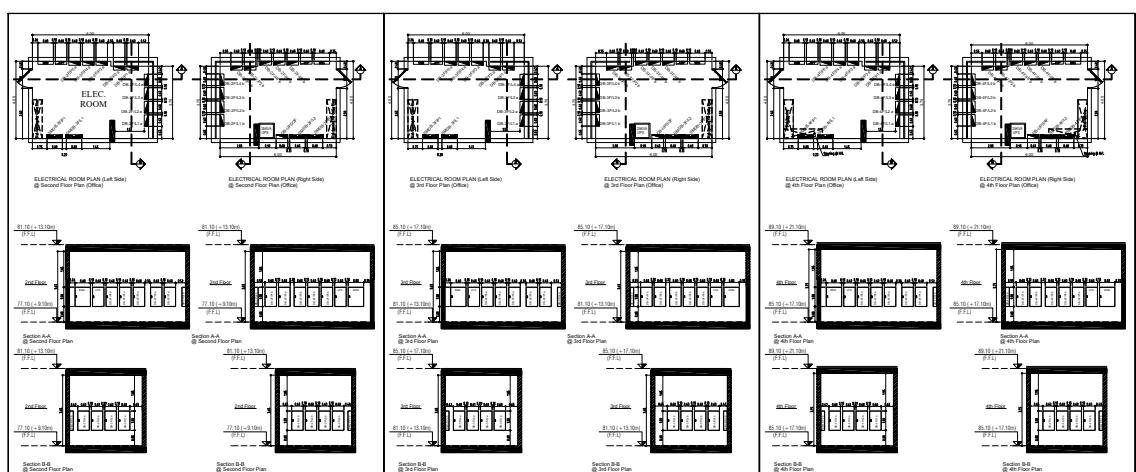
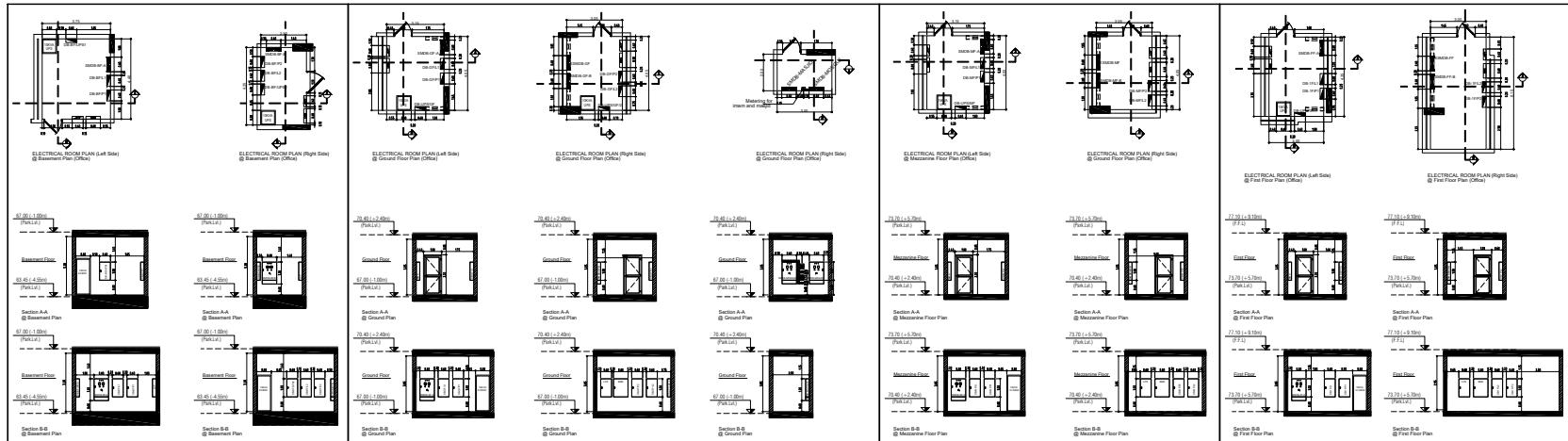
## LIGHT FITTINGS

SYMBOLS	DESCRIPTION
MCB	MCB
Y	ISOLATOR
△	ACB
□	EDULATOR
SM6	SM6
DB	DB
△	CAPACITOR BANK
CABLE GND	CABLE GND
EM	ENERGY METER

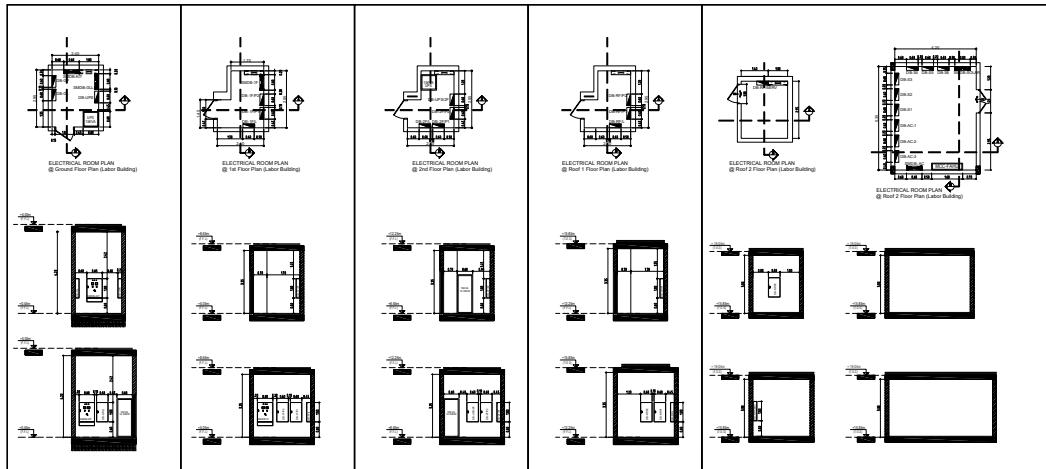




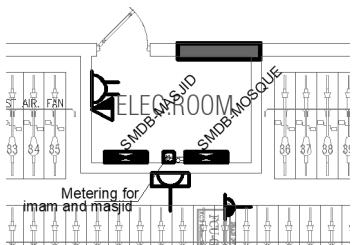
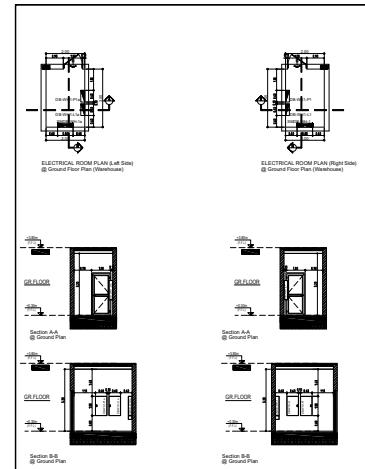
SECTION Z-Z (LV ROOM)  
SCALE 1:100



## Labor Building



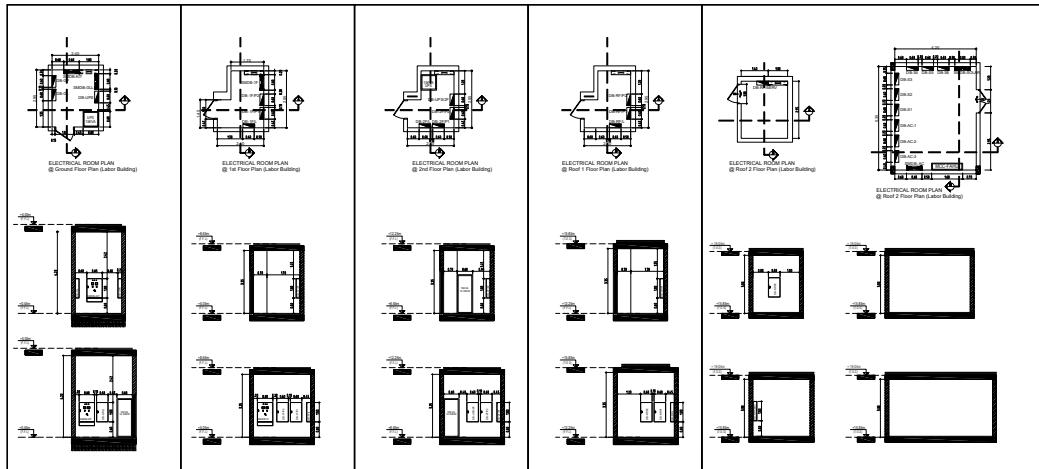
## Warehouse



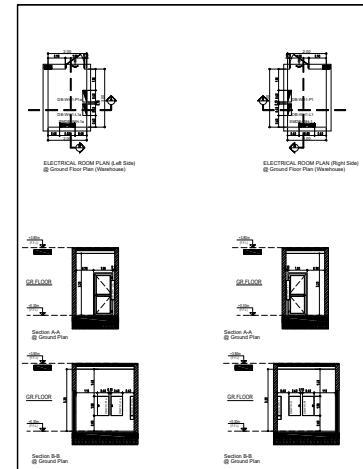
INSTALL KWH METERS AS PER DEWA REGULATION

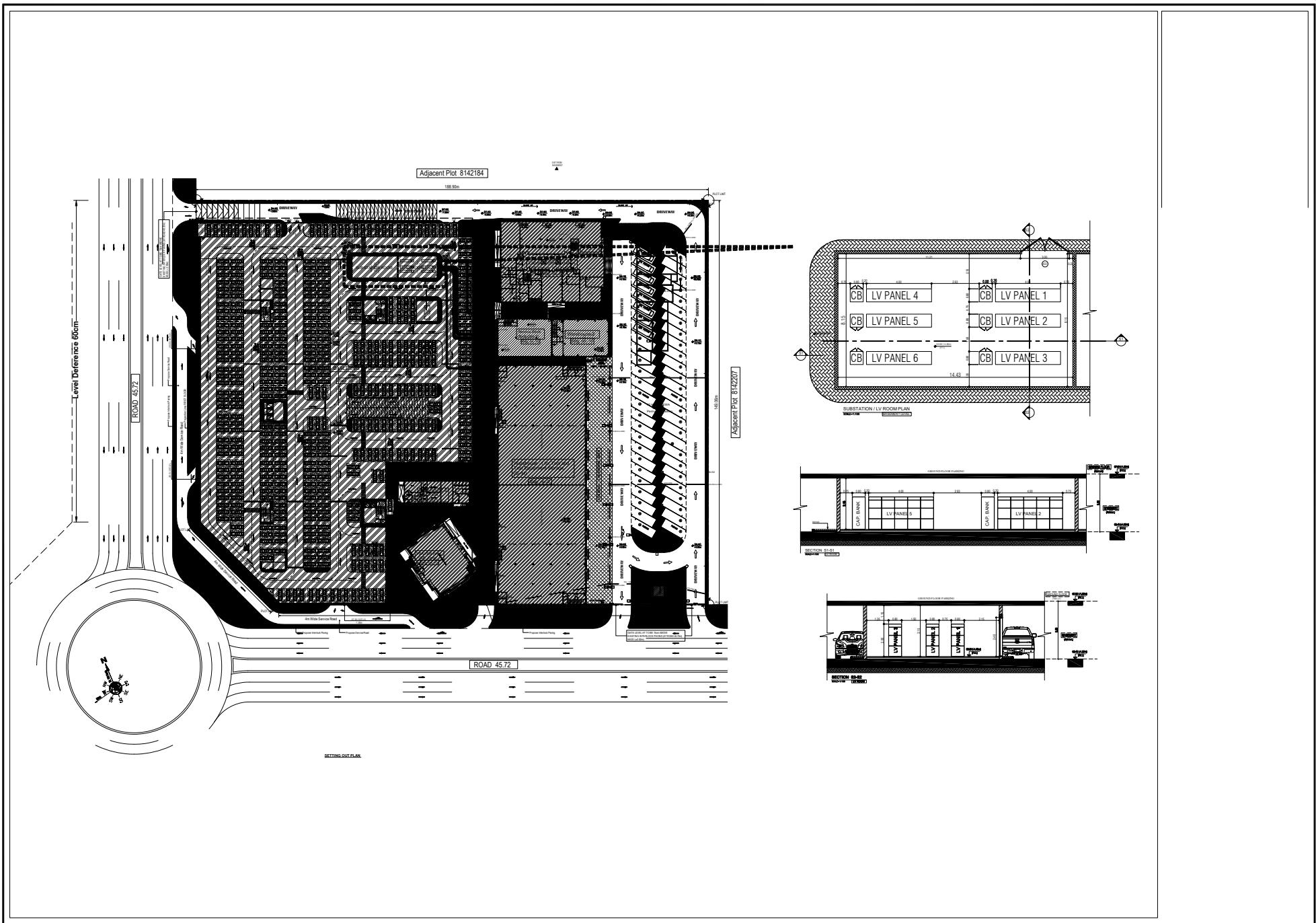
ENSURE ADEQUATE CLEARANCE IN FRONT OF SMDB,KWH METER DB ETC

## Labor Building



## Warehouse

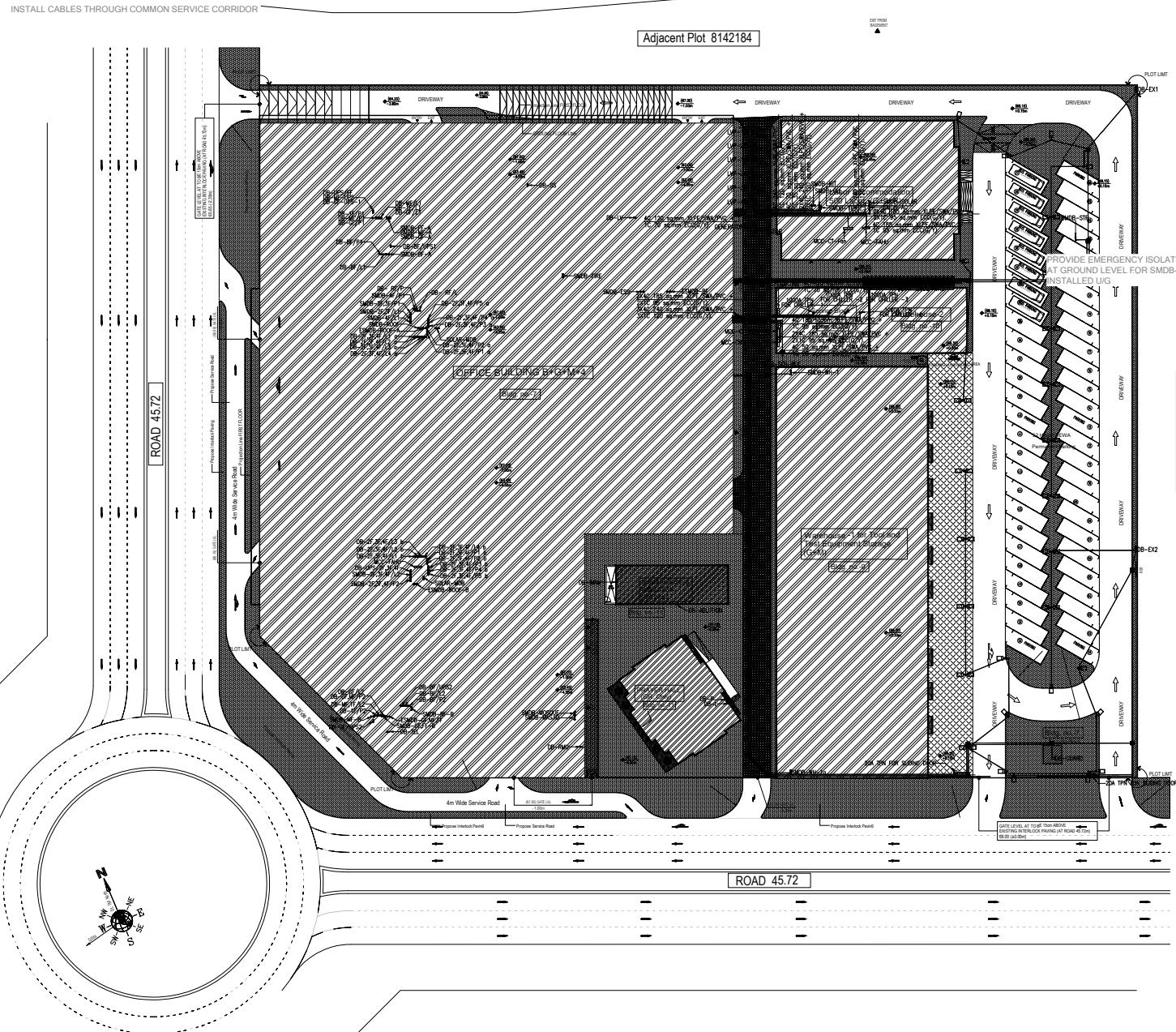




INSTALL CABLES THROUGH COMMON SERVICE CORRIDOR

Adjacent Plot 8142184

GET FROM  
COMMON  
SERV. CORRIDOR



### KEY PLAN



### LEGEND POWER POINTS

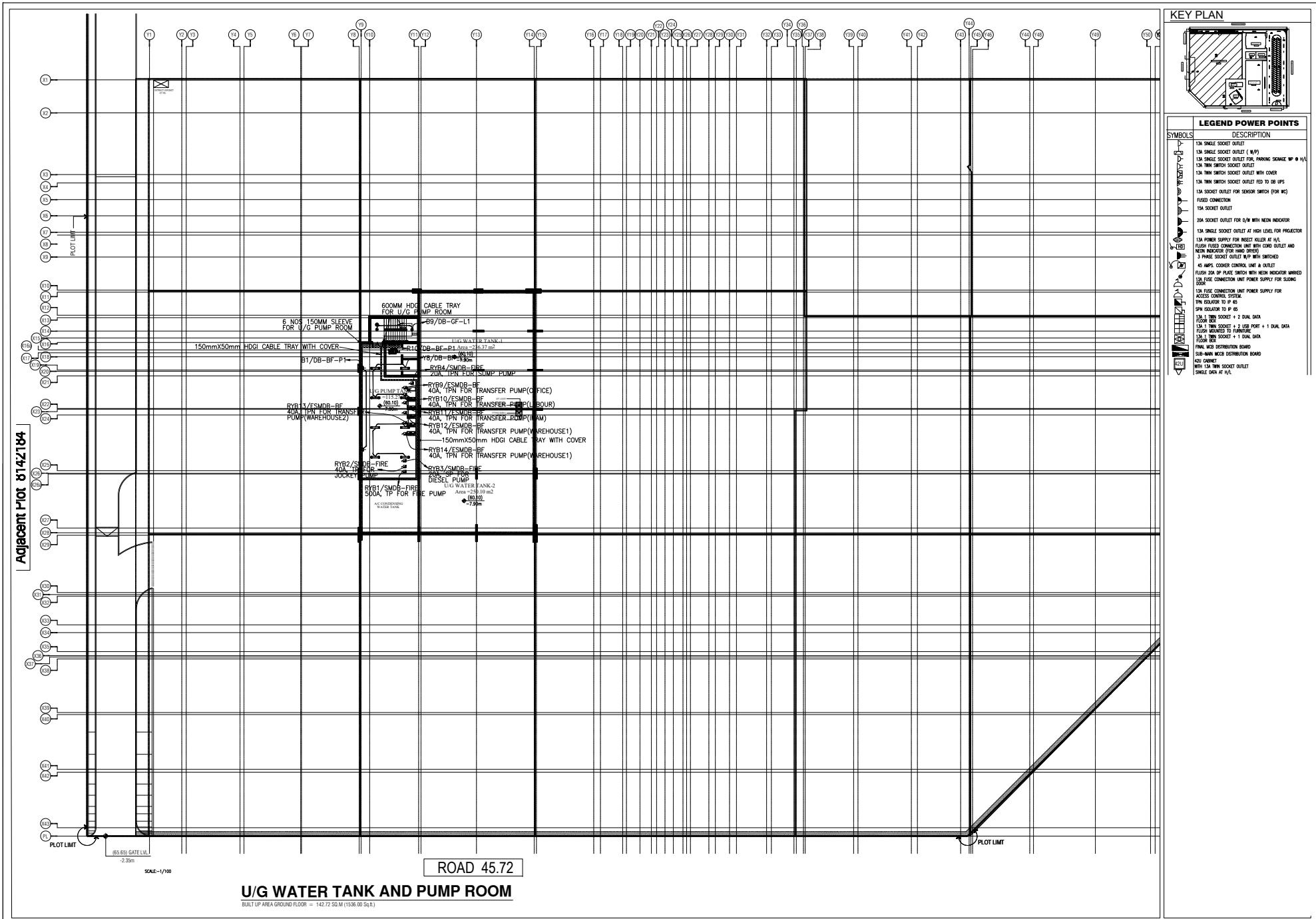
SYMBOLS	DESCRIPTION
13A SINGLE SOCKET OUTLET	
13A SINGLE SOCKET OUTLET ( W/P )	
13A SINGLE SOCKET OUTLET FOR PARKING SIGNAGE IP @ H/	
13A TWO SWITCH SOCKET OUTLET	
13A TWO SWITCH SOCKET OUTLET WITH COVER	
13A TWO SWITCH SOCKET OUTLET FED TO 08 UPS	
13A SOCKET OUTLET FOR SENSOR SWITCH (FOR NC)	
FUSED CONNECTION	
15A SOCKET OUTLET	
20A SOCKET OUTLET FOR D/W WITH NEON INDICATOR	
13A SINGLE SOCKET OUTLET AT HIGH LEVEL FOR PROJECTOR	
13A POWER SUPPLY INC. INTEGRAL VALVE AT H/	
13A POWER SUPPLY INC. INTEGRAL VALVE AT H/ WITH FUSE CONNECTED TO 13A SOCKET OUTLET AND NEON INDICATOR (FOR HAND DRYER)	
3 PHASE SOCKET OUTLET	
3 PHASE SOCKET OUTLET WITH FUSE CONNECTED	
20A SOCKET OUTLET	
20A SOCKET OUTLET WITH NEON INDICATOR MARKED	
PLATE SWITCH WITH NEON INDICATOR MARKED	
SECTION UNIT POWER SUPPLY FOR SLIDING DOOR	

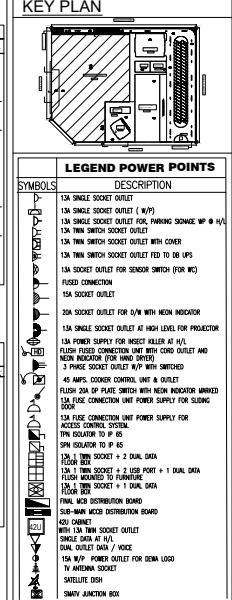
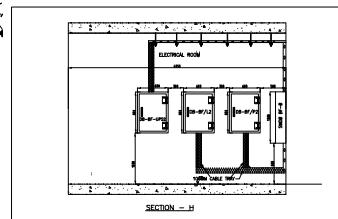
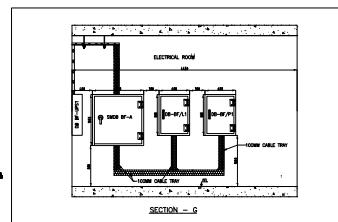
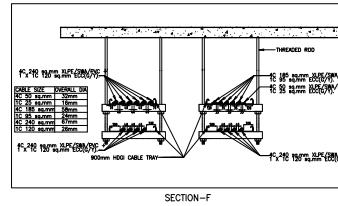
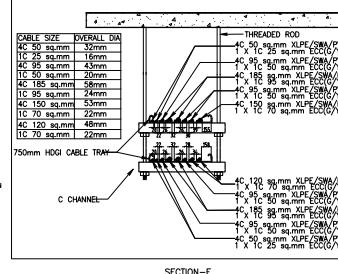
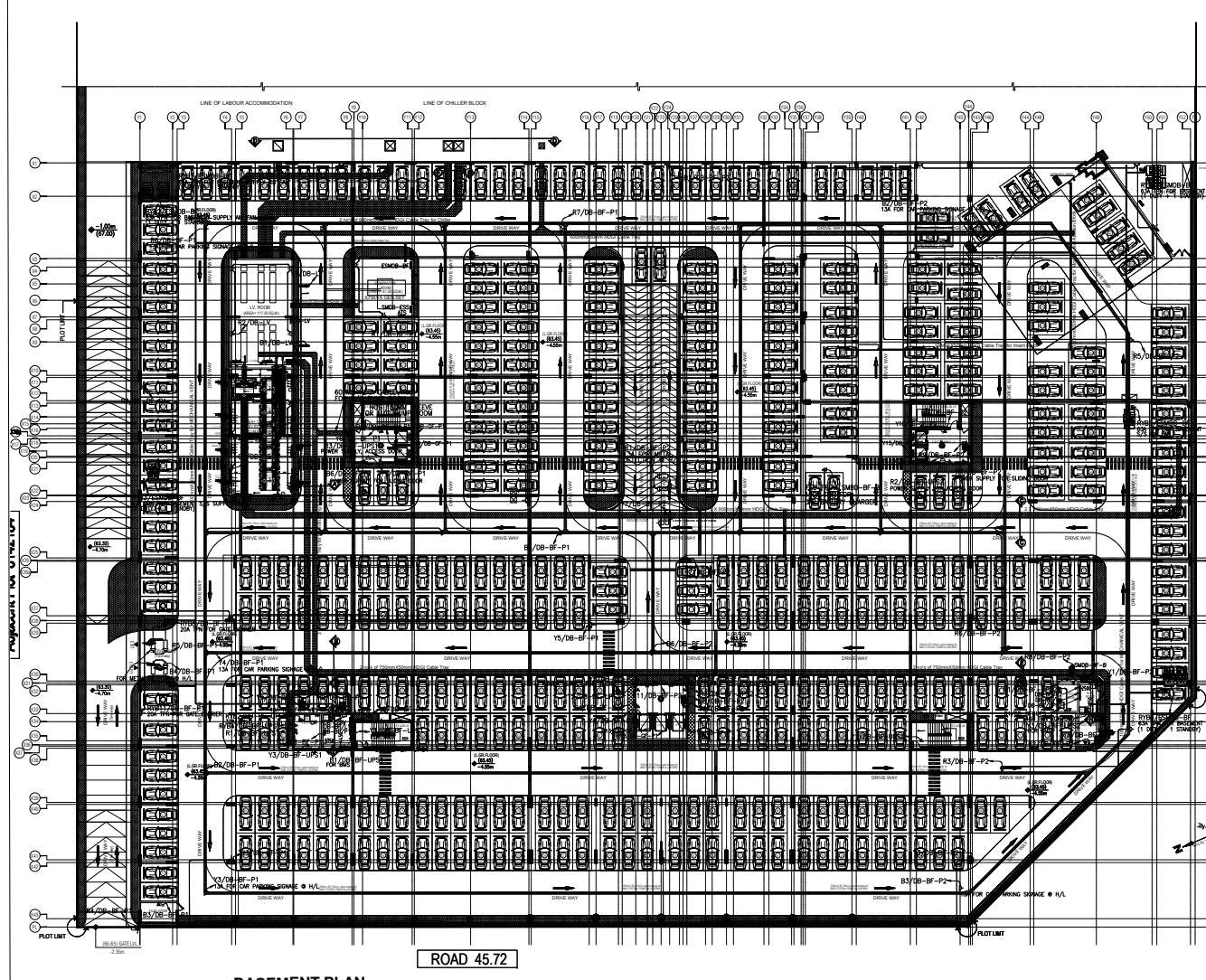
FOR REVIEW

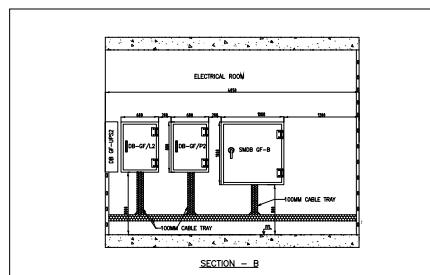
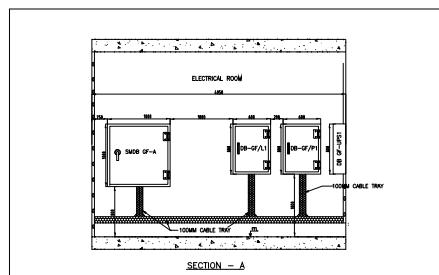
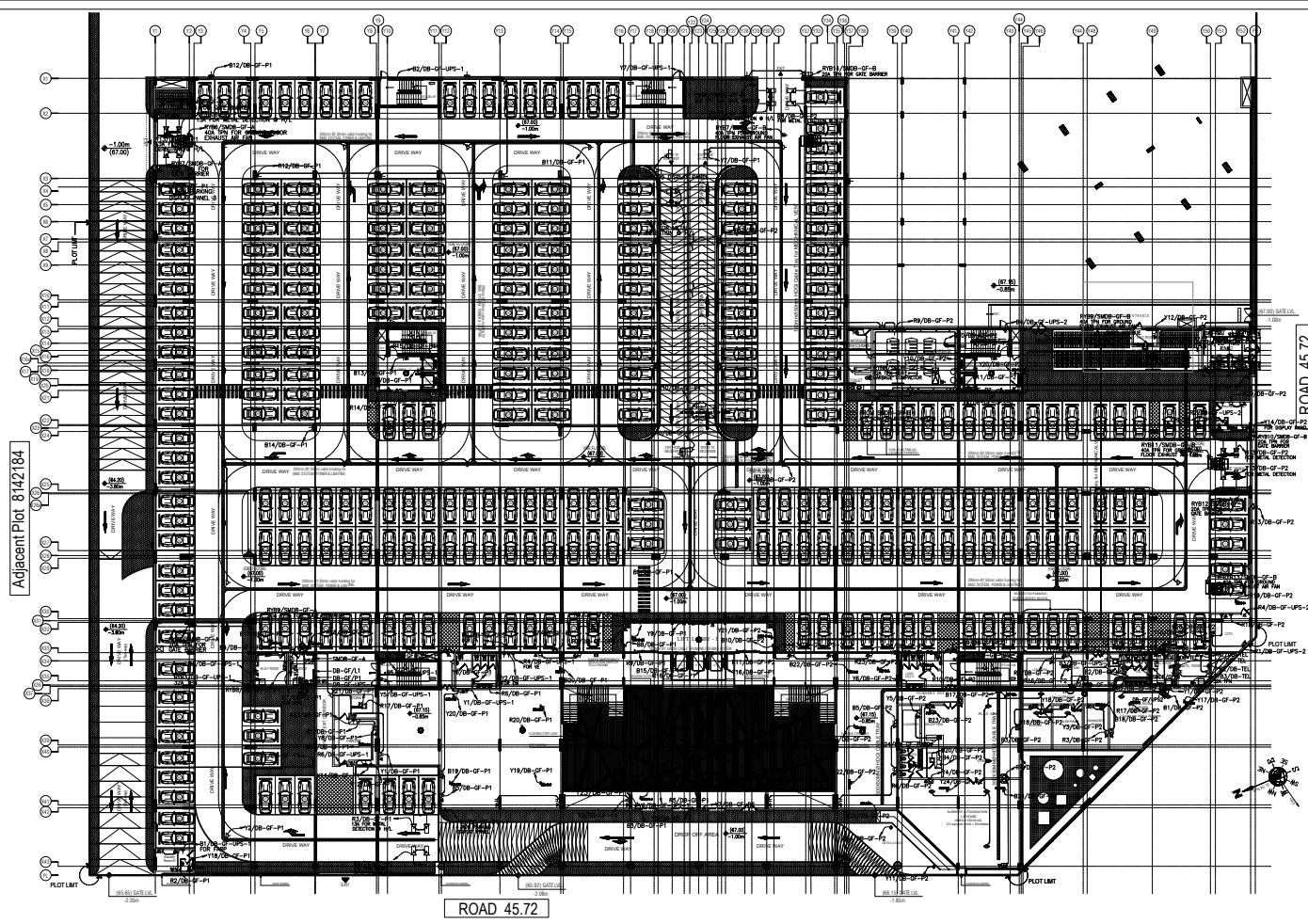
Adjacent Plot 8142207

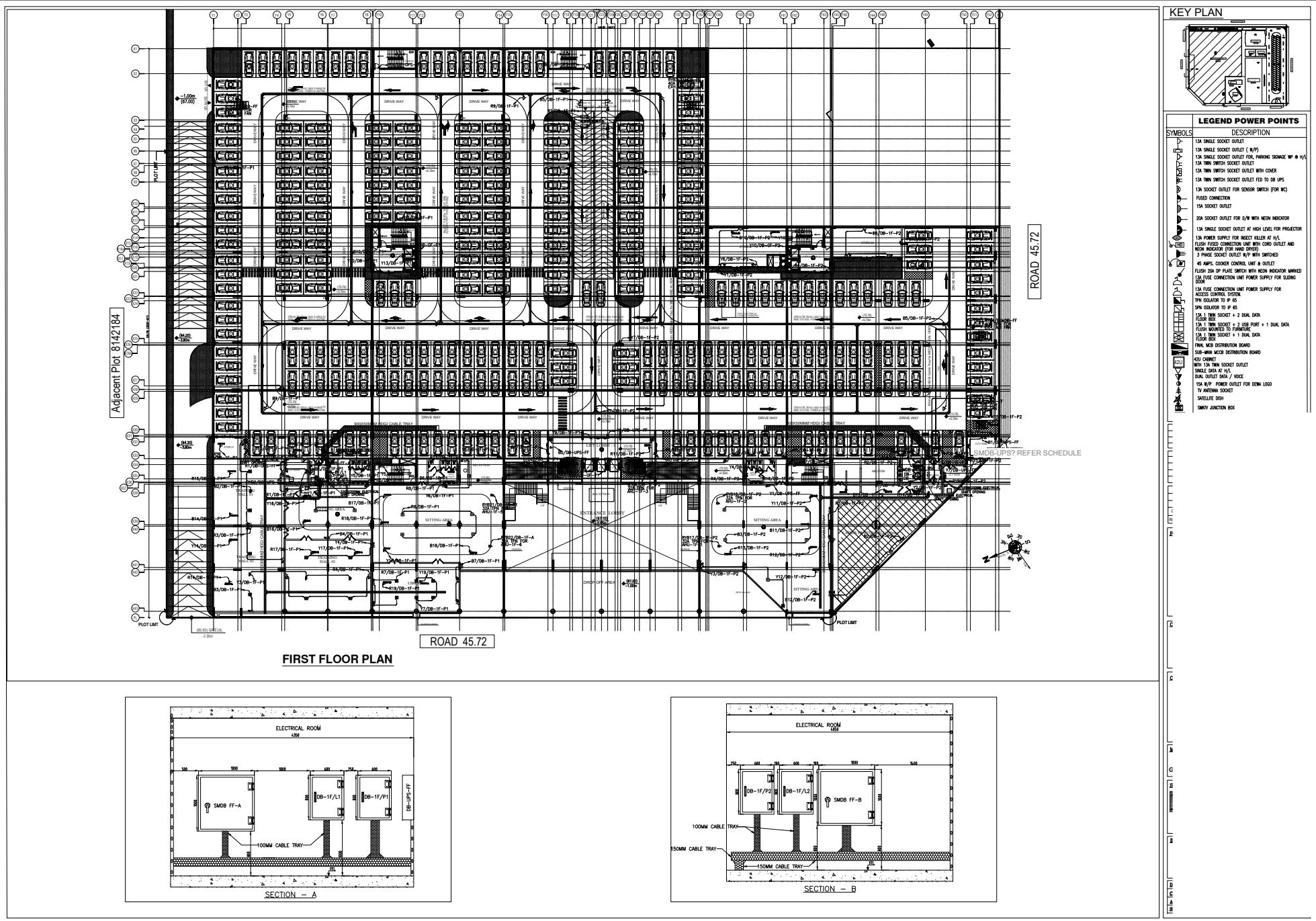
SETTING OUT PLAN

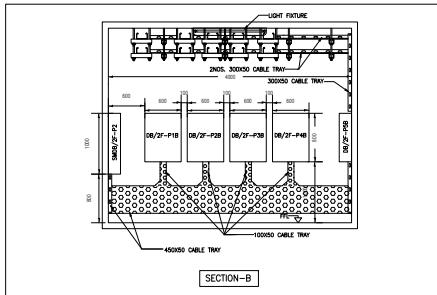
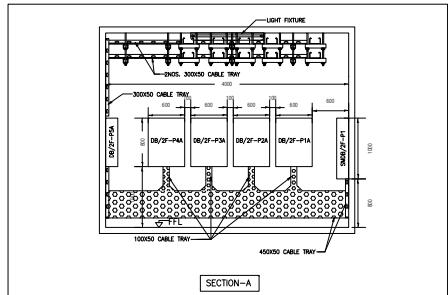
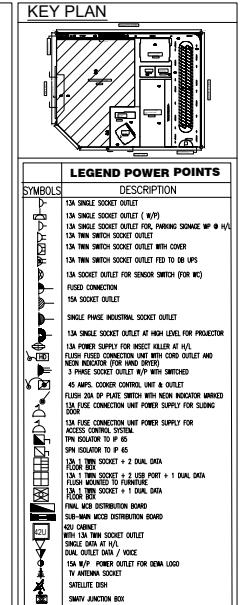
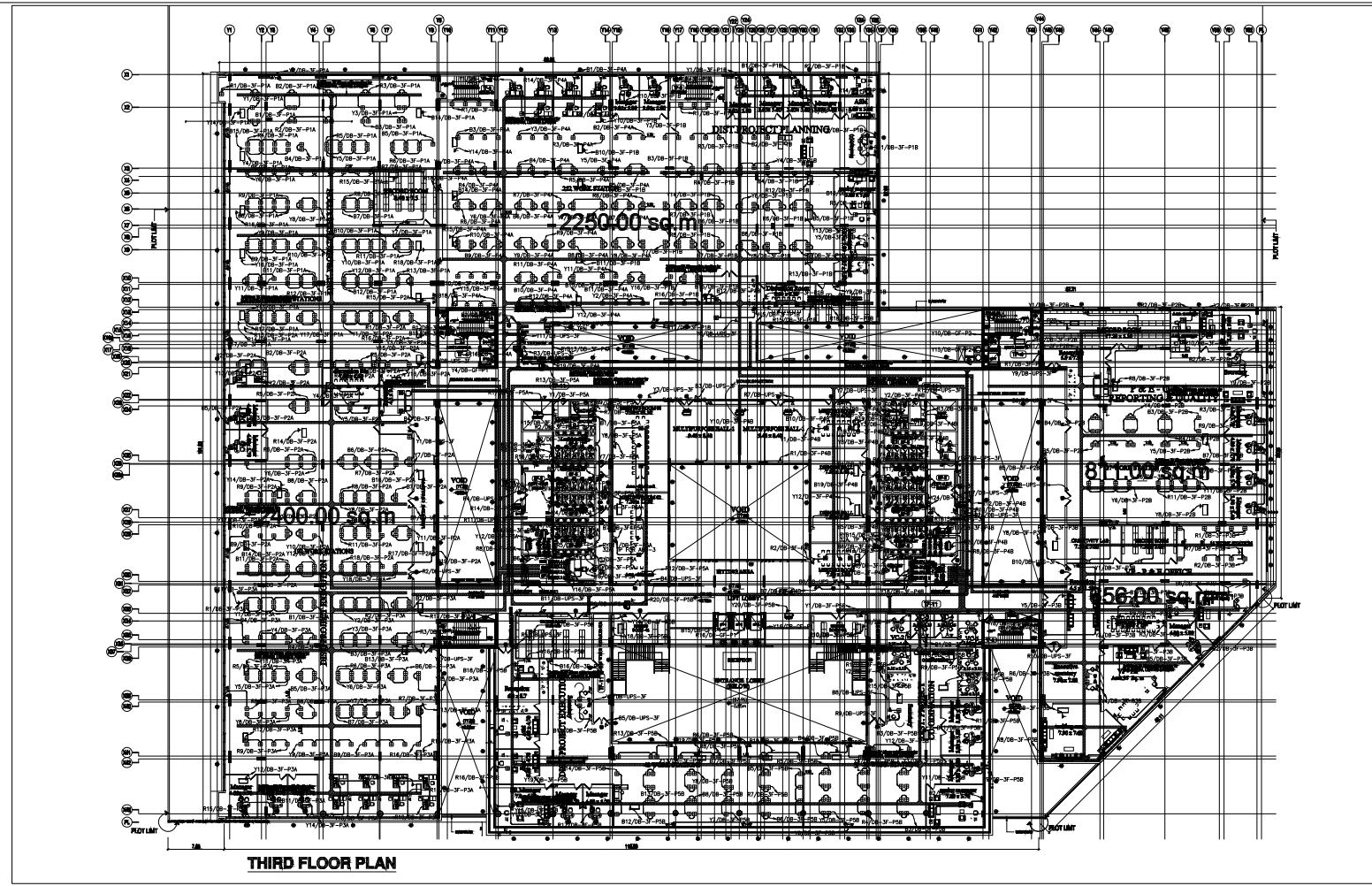
Adjacent Plot 814/184

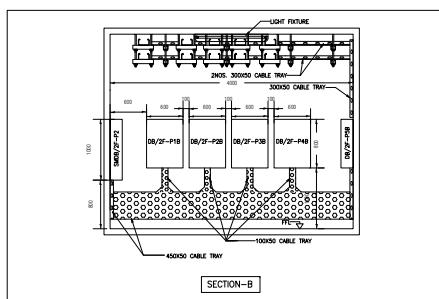
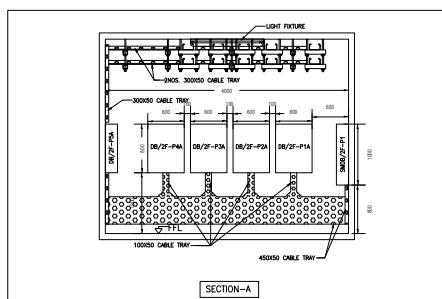
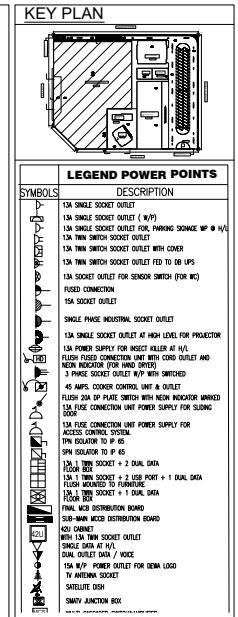
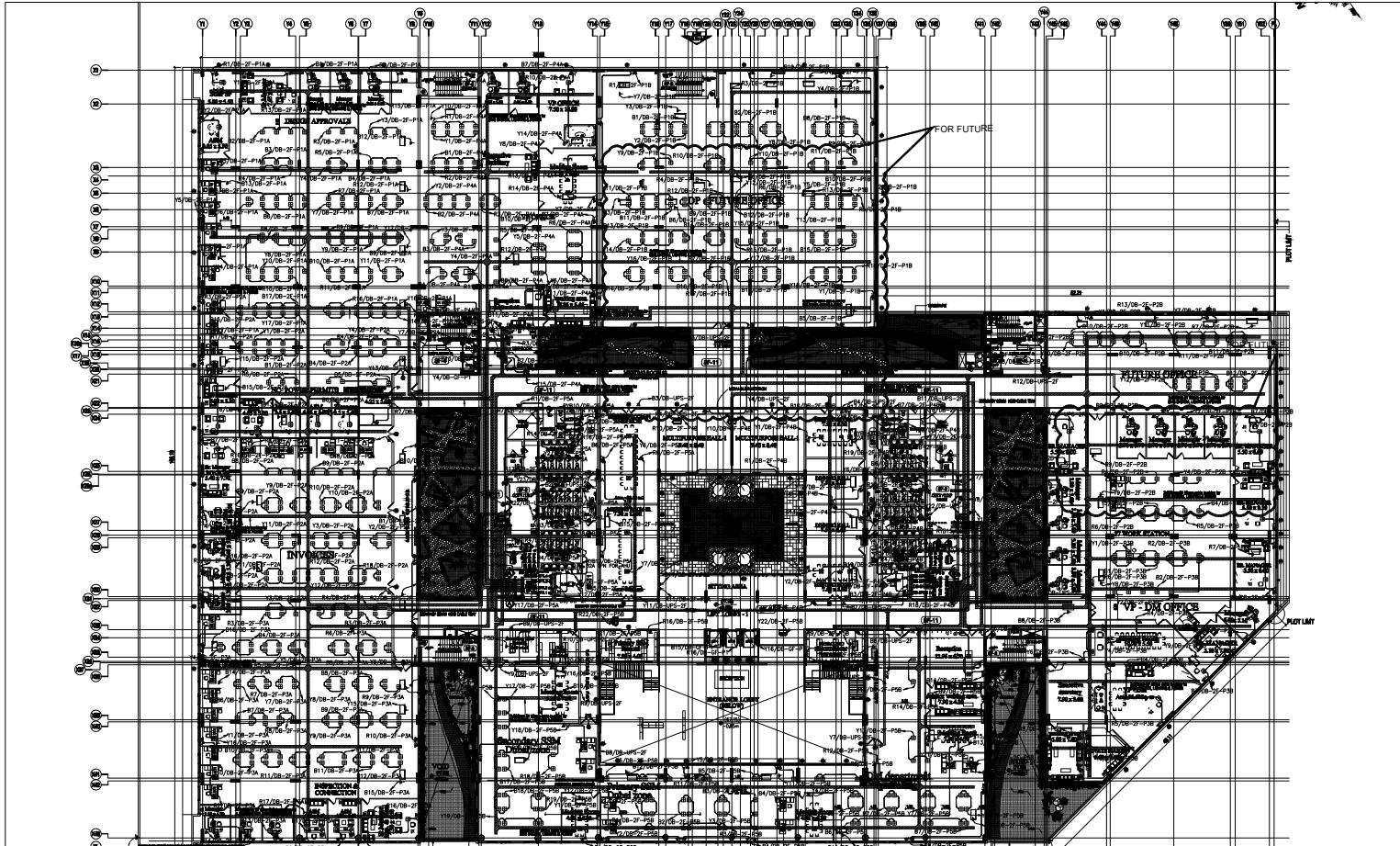


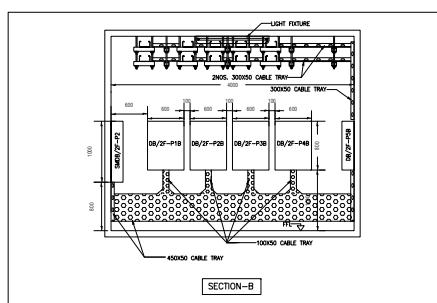
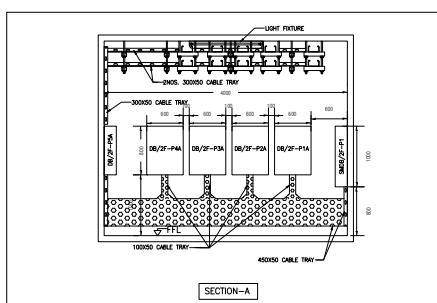
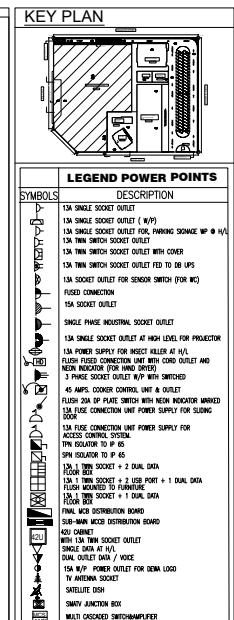
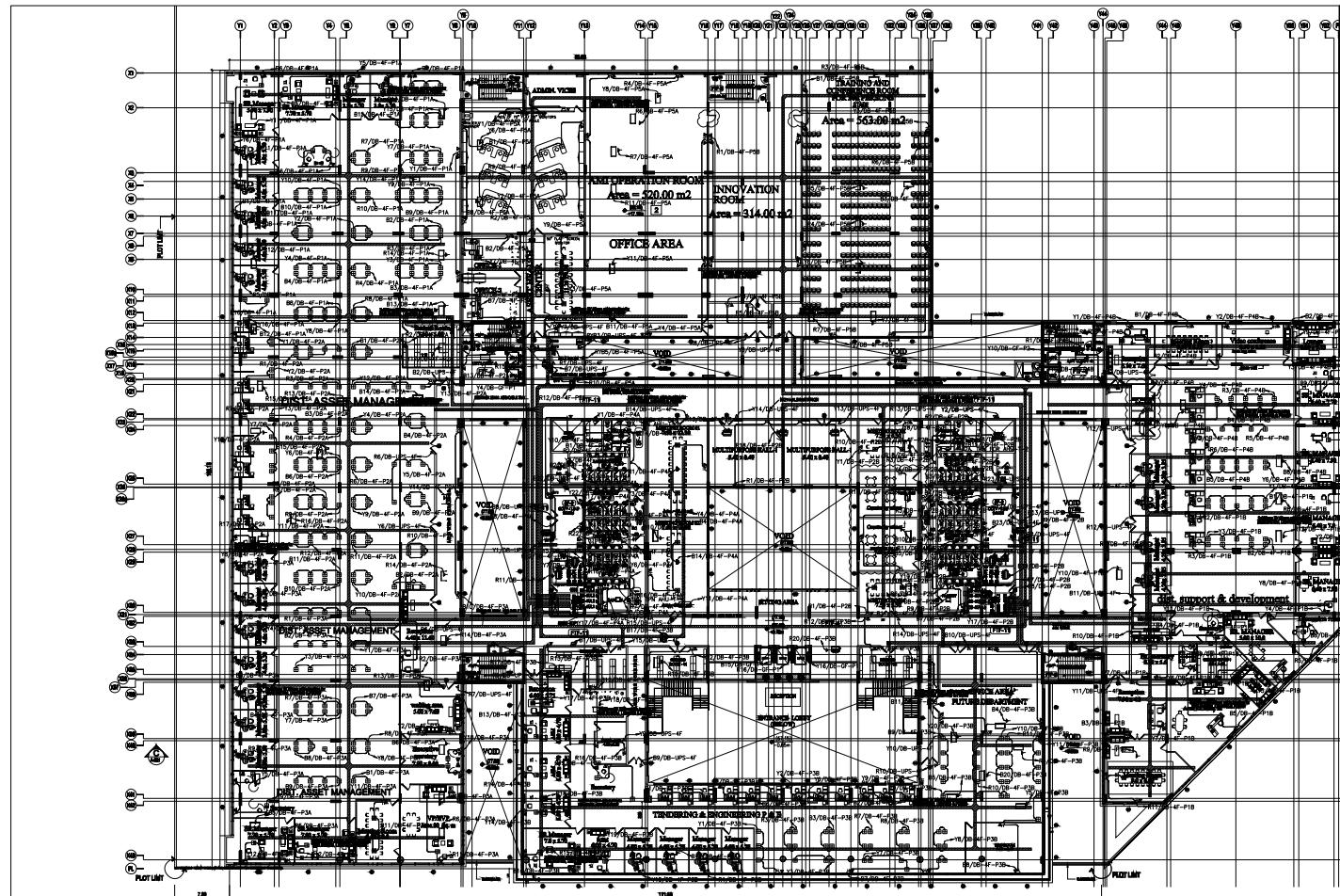




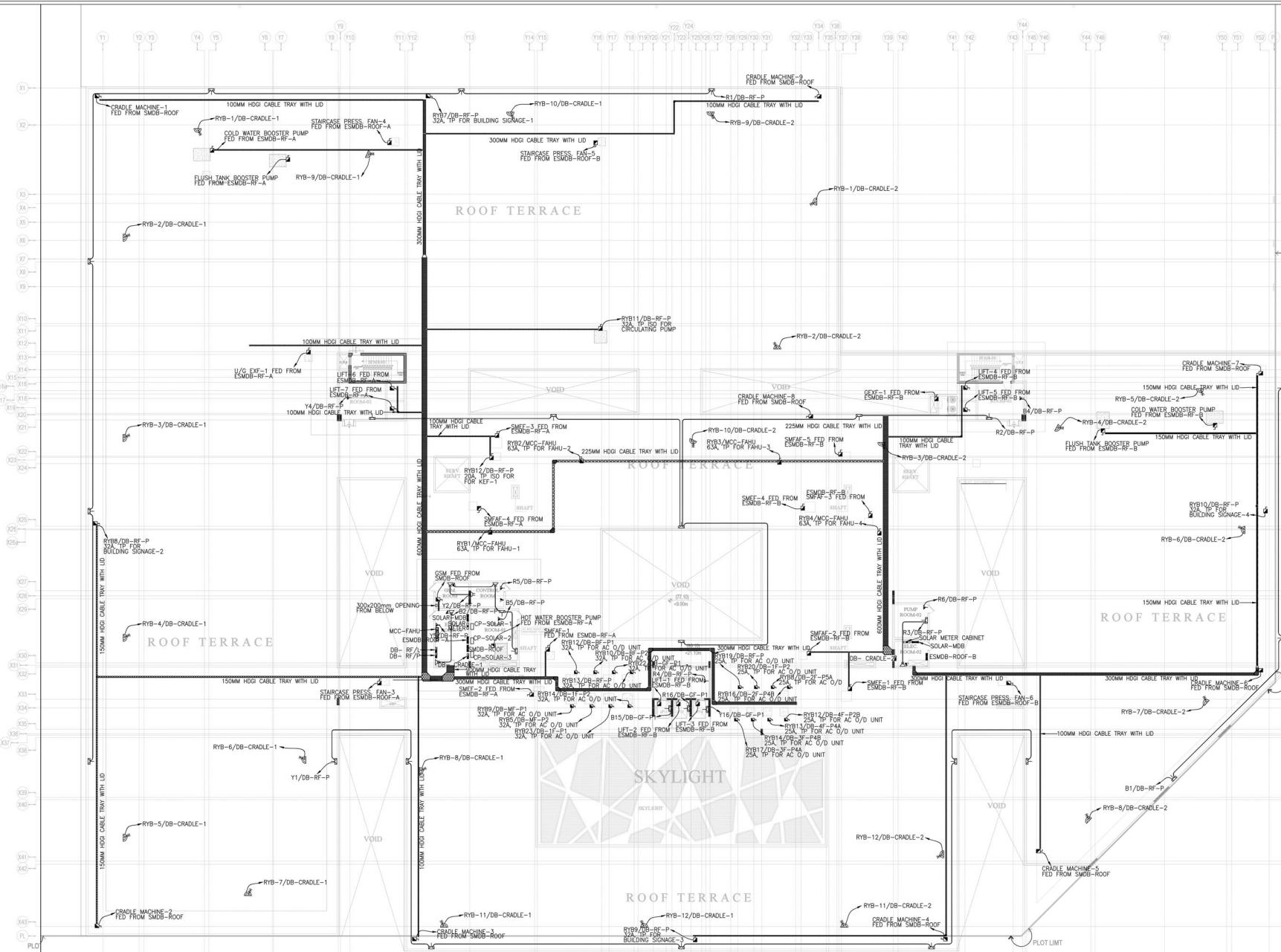




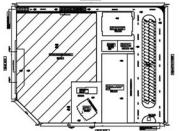




## ROOF PLAN

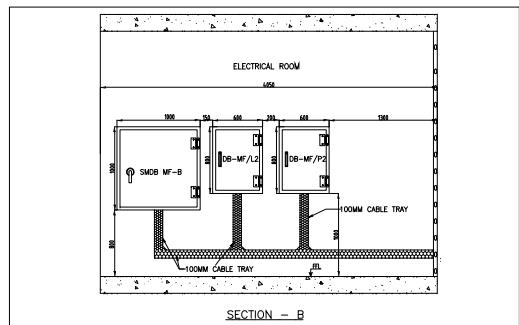
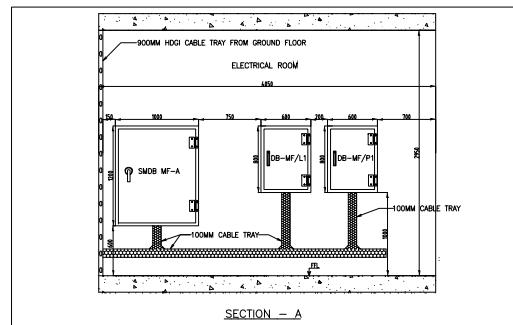
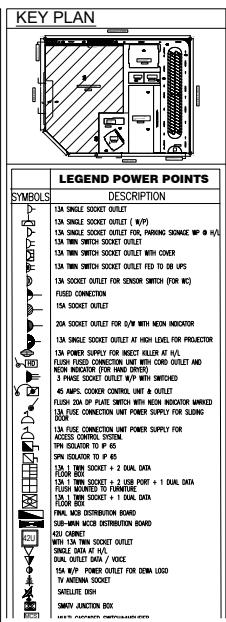
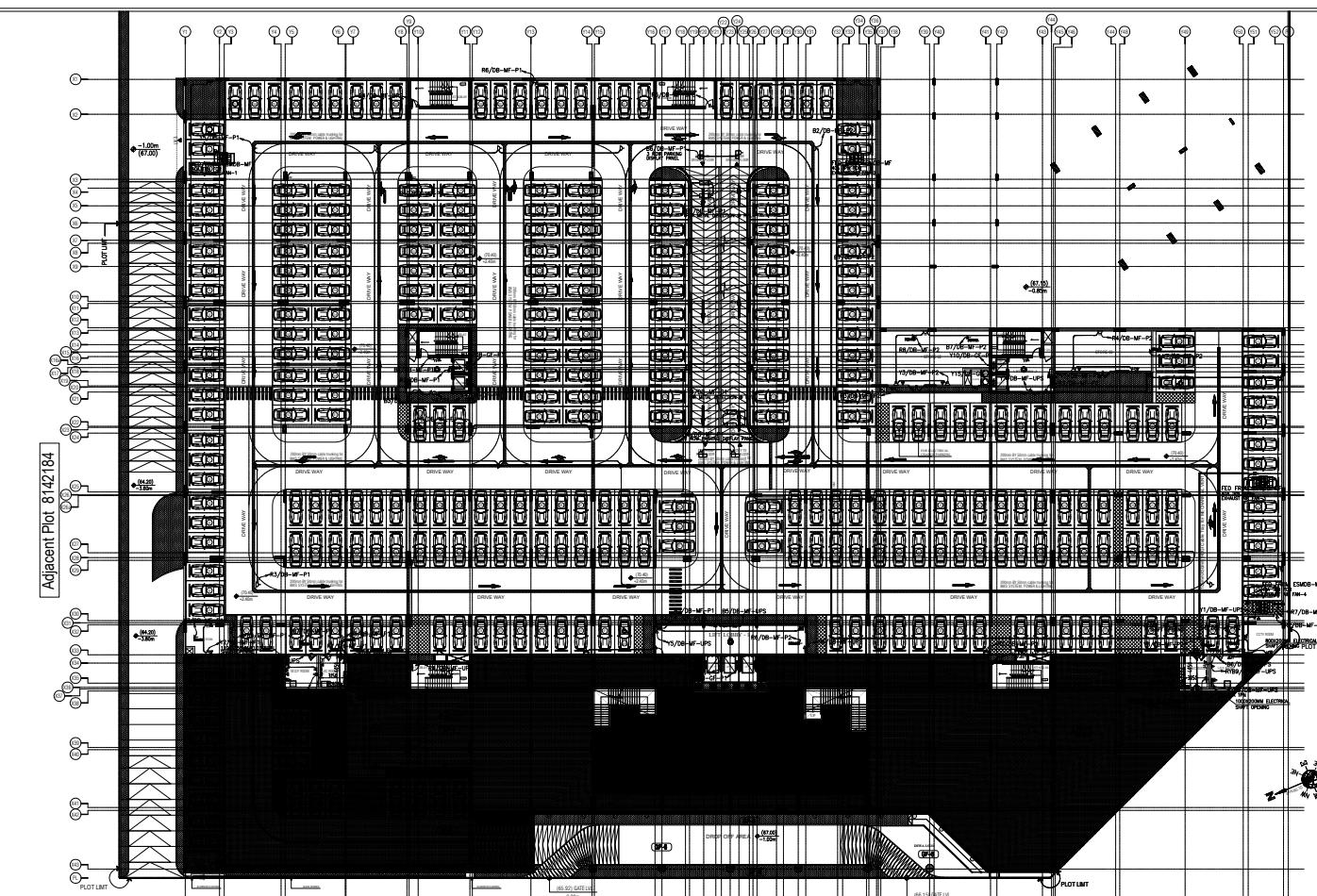


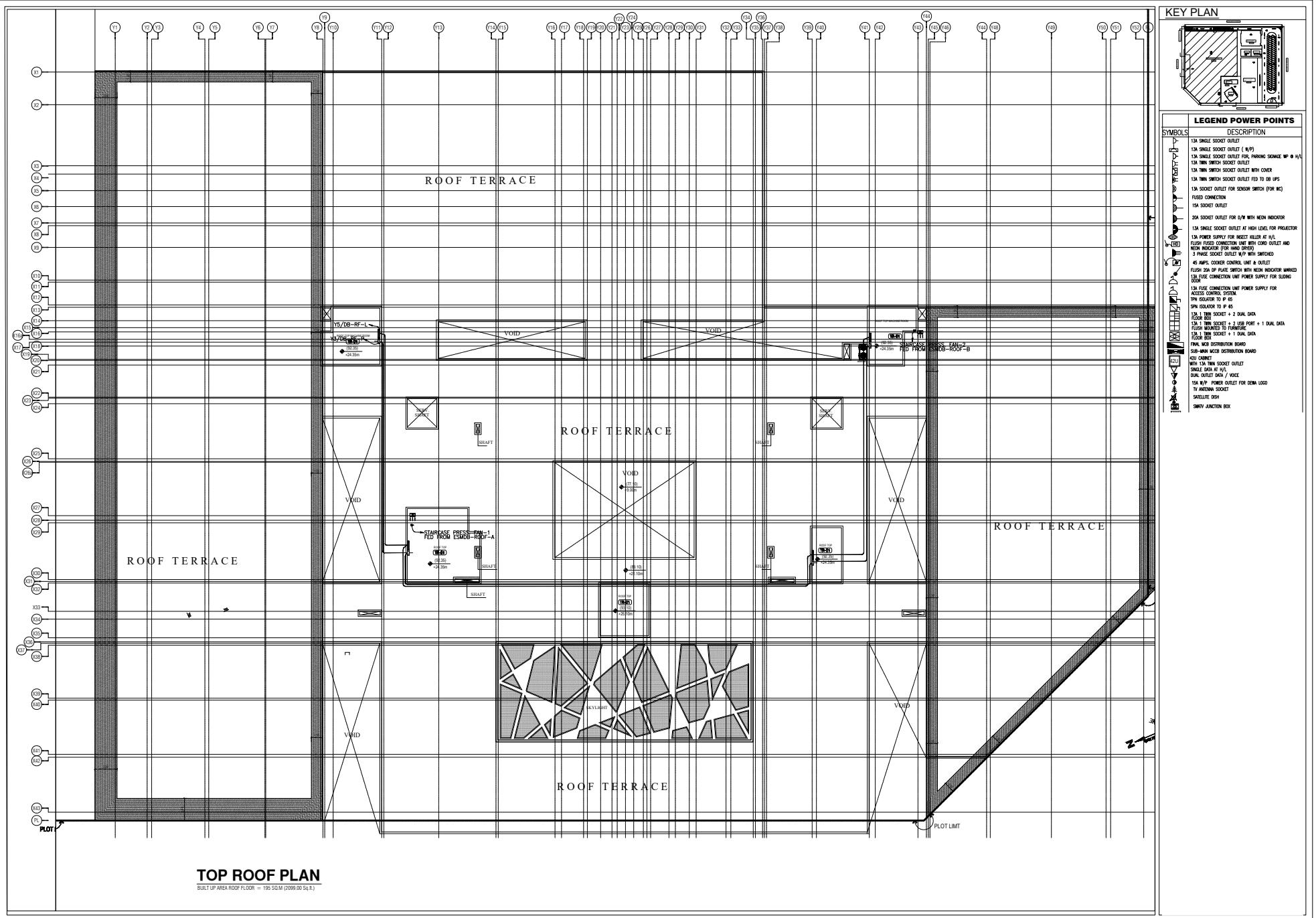
KEY PLAN

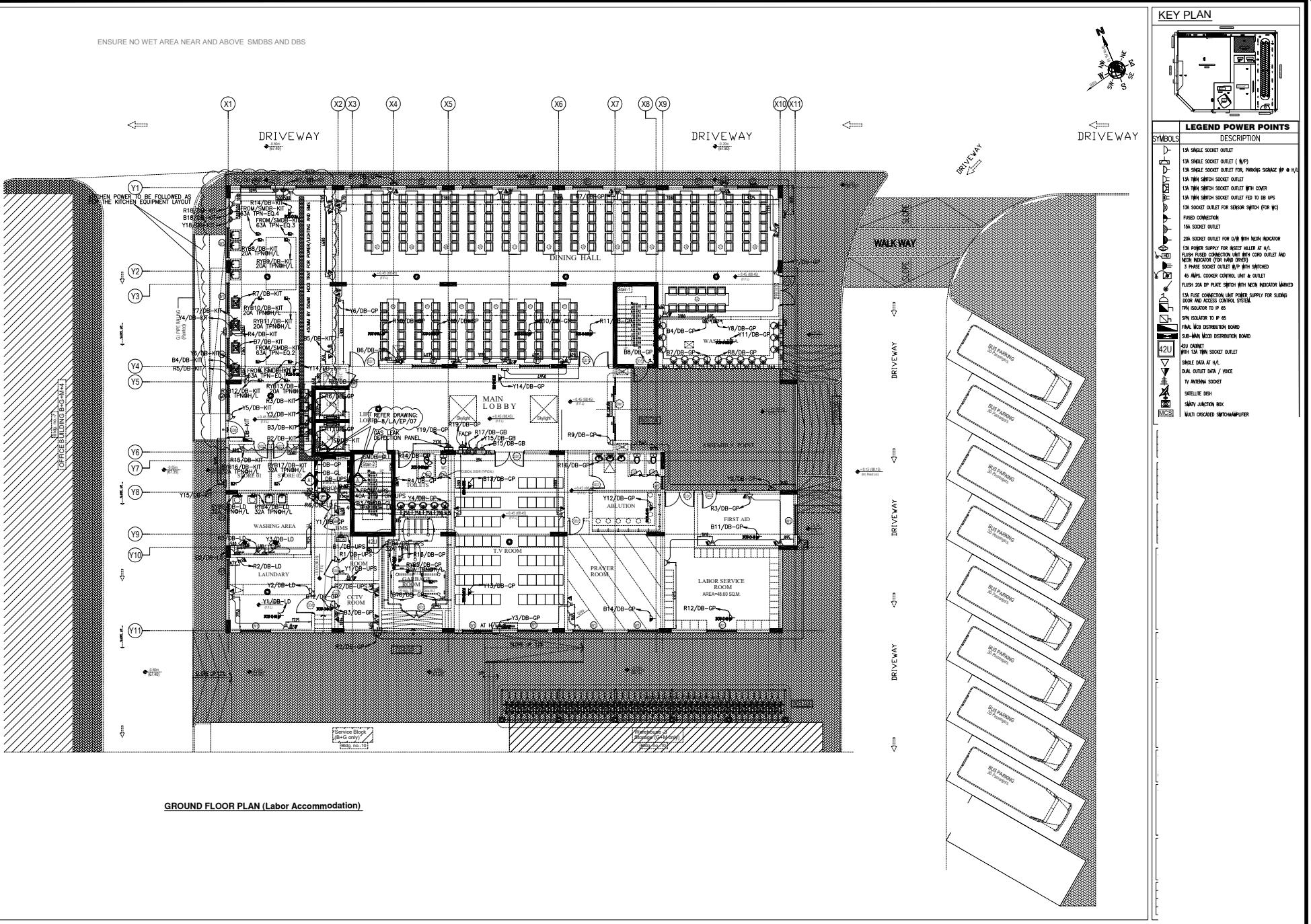


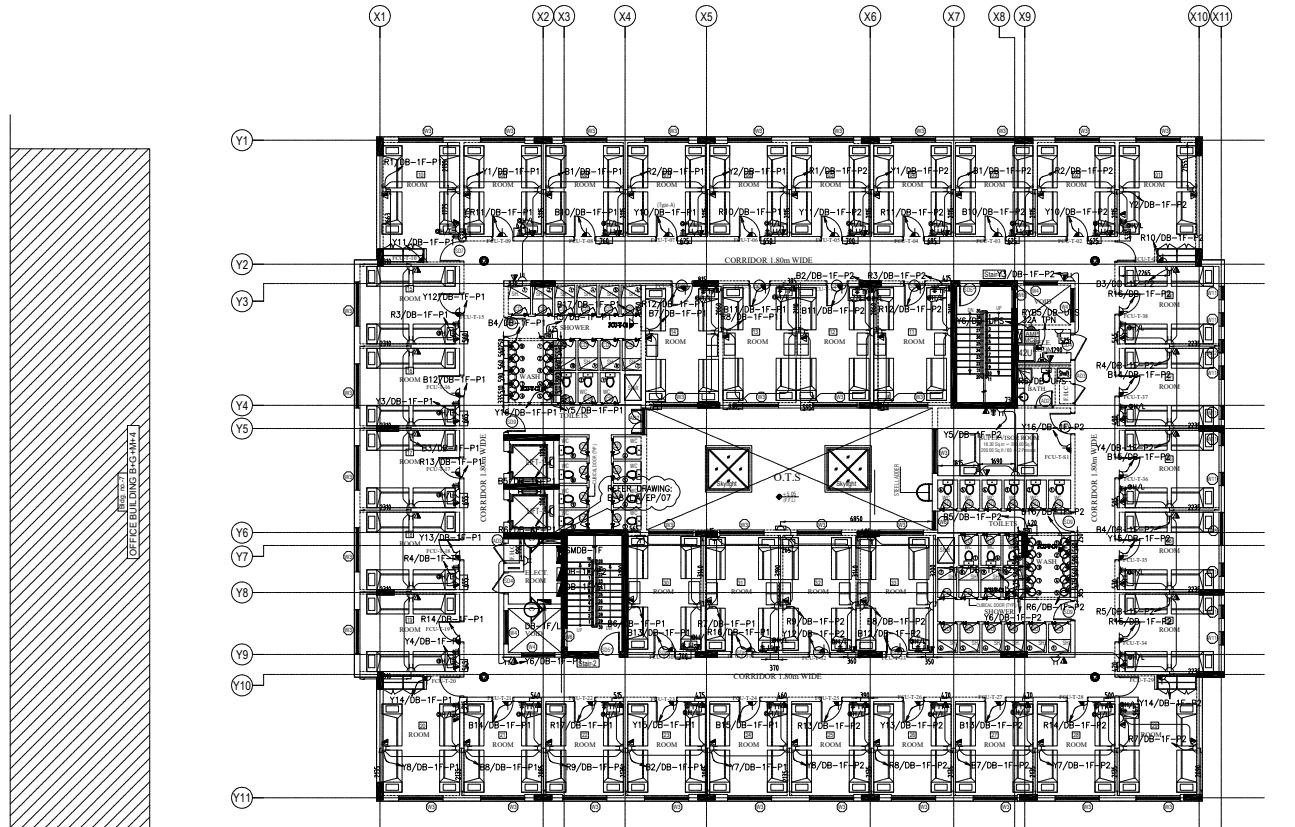
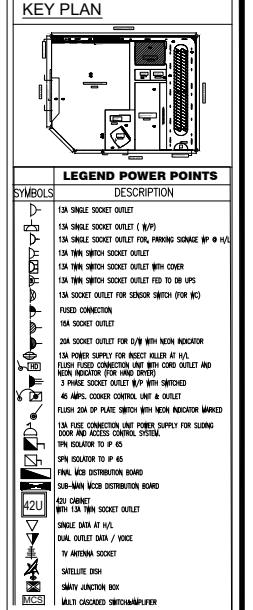
LEGEND POWER POINTS	
SYMBOLS	DESCRIPTION
13A SINGLE SOCKET OUTLET	
13A SINGLE SOCKET OUTLET FOR BROWNING SIGNAGE MP Ø 4/4	
13A TWIN SOCKET OUTLET	
13A TWIN SWITCHED SOCKET OUTLET	
13A TWIN SWITCHED SOCKET OUTLET WITH COVER	
FUSED CONNECTION	
15A SOCKET OUTLET	
20A SOCKET OUTLET FOR D/W WITH NEON INDICATOR	
13A SINGLE SOCKET OUTLET AT HIGH LOAD FOR PROJECTOR	
13A POWER SUPPLY FOR INSET KILLER AT 4/4	
FLUSH FUSED CONNECTION UNIT WITH CORD OUTLET AND NEON INDICATOR FOR PROJECTOR	
3 PHASE SOCKET OUTLET W/ WITH SWITCHED	
45 AMPS COOKER CONTROL UNIT & OUTLET	
FLUSH 20A DP PLATE SWITCH WITH NEON INDICATOR W/ 10A FUSE CONNECTION UNIT POWER SUPPLY FOR SLOWING	
13A FUSE CONNECTION UNIT POWER SUPPLY FOR ACCESSORIES	
TPN ISOLATOR TO P 65	
SPN ISOLATOR TO P 65	
13A TWIN SOCKET + 2 DUAL DATA	
13A TWIN SOCKET + 2 USB	
13A TWIN SOCKET + 1 DUAL DATA	
13A TWIN SOCKET + 1 DUAL DATA	
FINAL MCB DISTRIBUTION BOARD	
SUB-MAIN MCB DISTRIBUTION BOARD	
WITH 13A TWIN SOCKET OUTLET	
SINGLE DATA AT 4/4	
DUAL DATA AT 4/4 WITH VOICE	
TV ANTENNA SOCKET	
SATELLITE DISH	
SMVJ JUNCTION BOX	
MULTI CASCaded BRANCH AMPLIFIER	

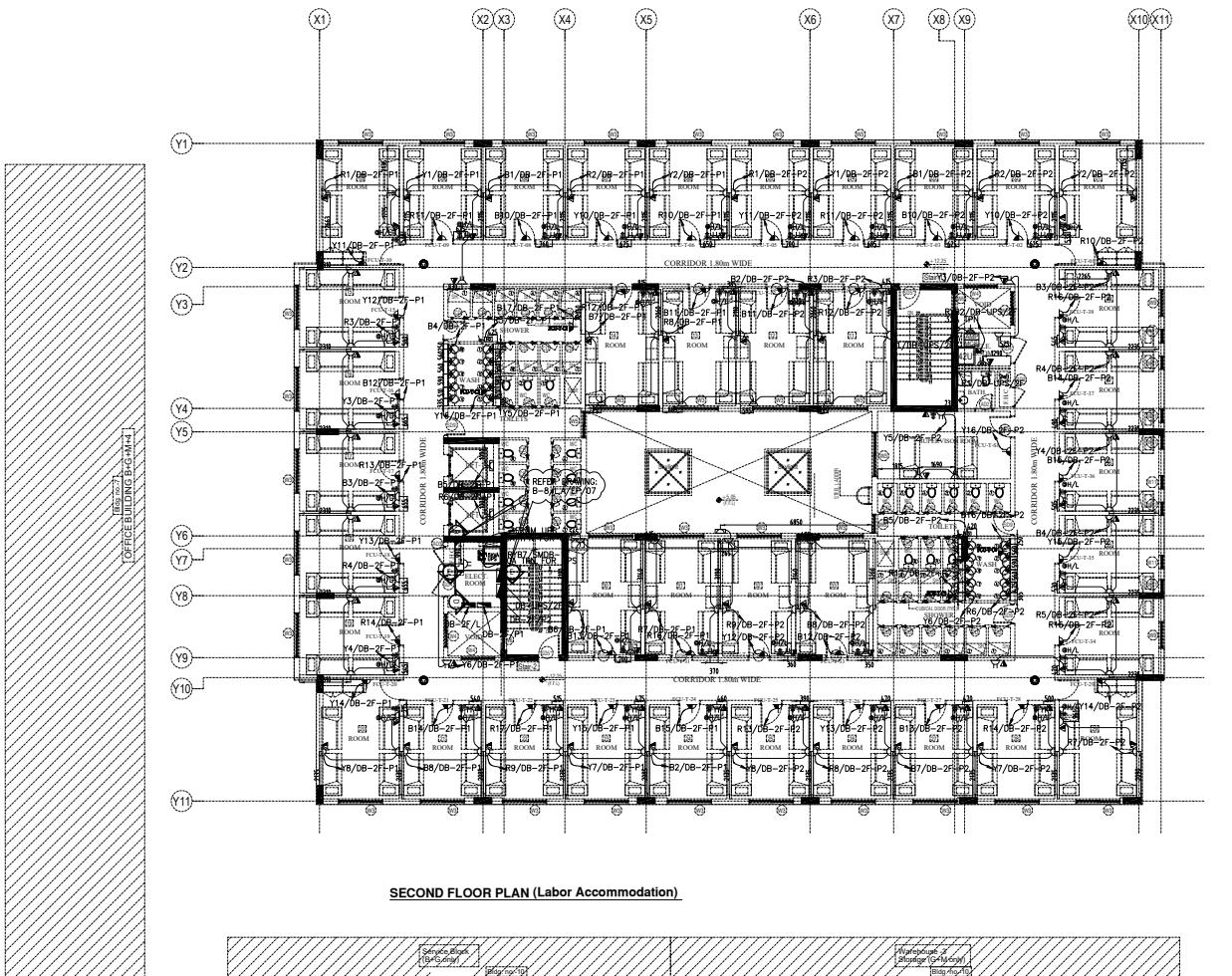
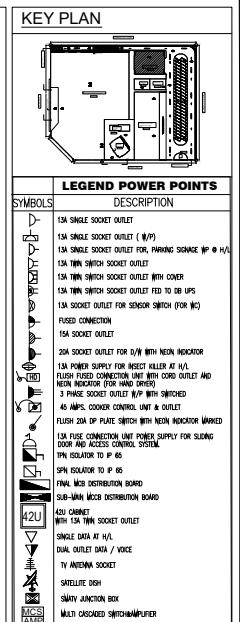
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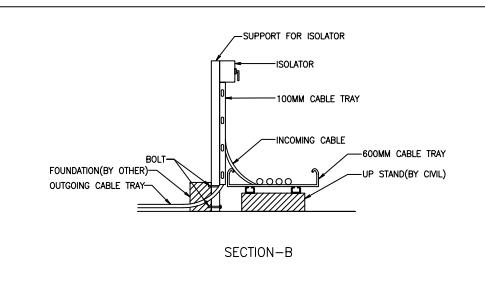
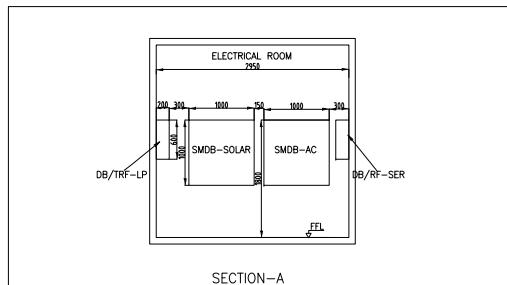
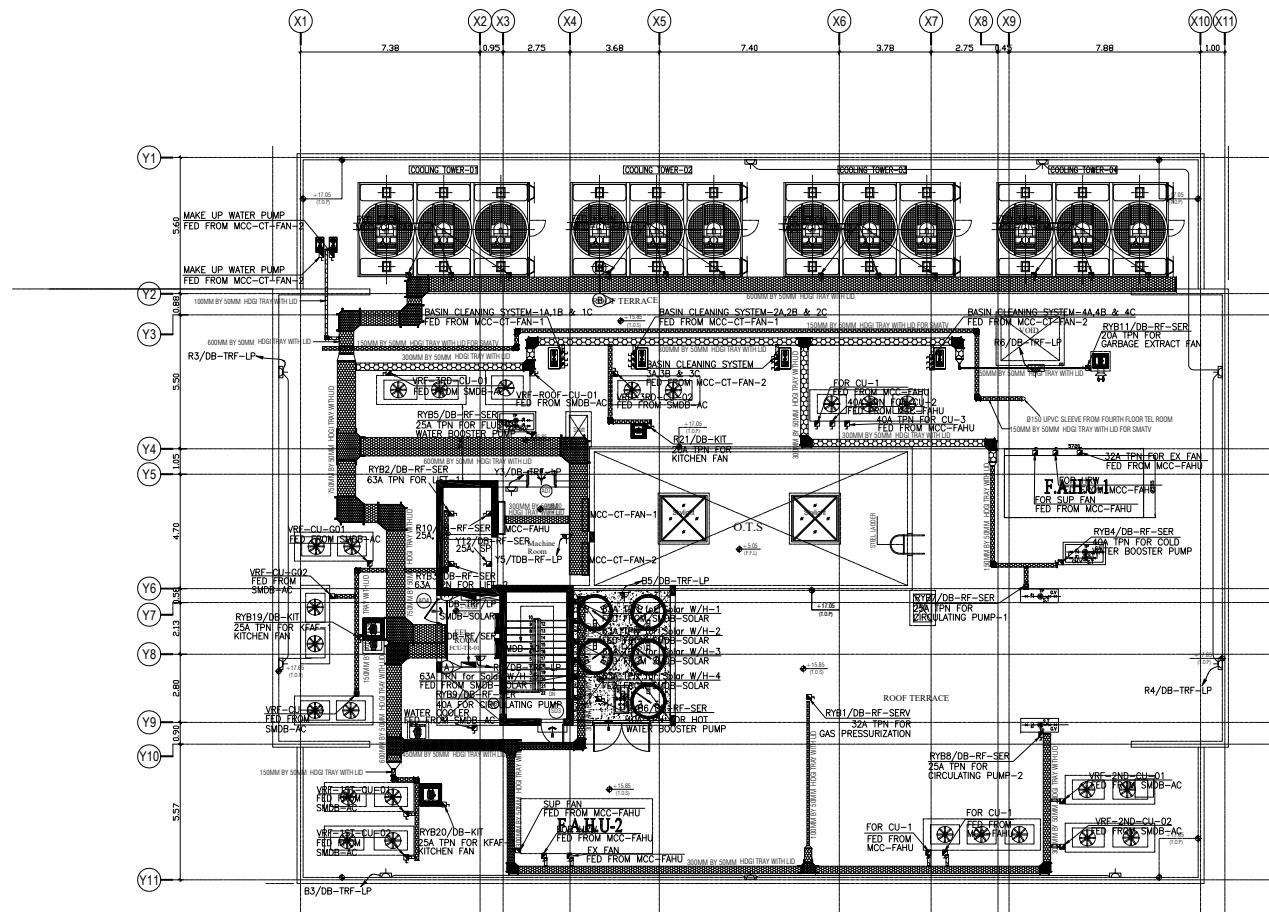
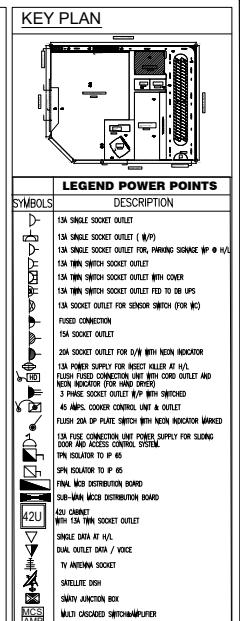


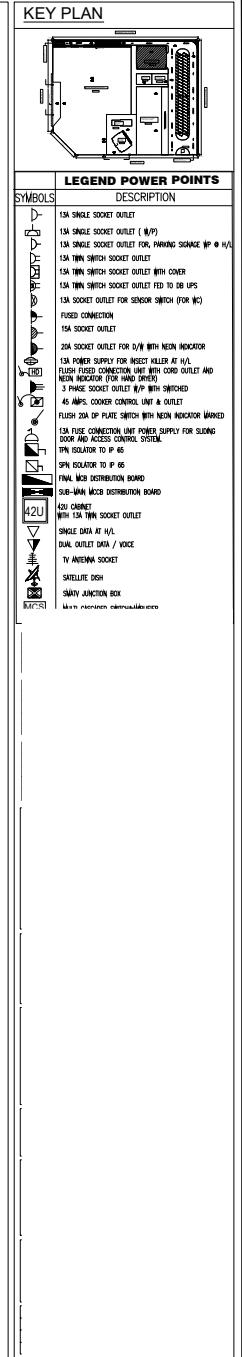
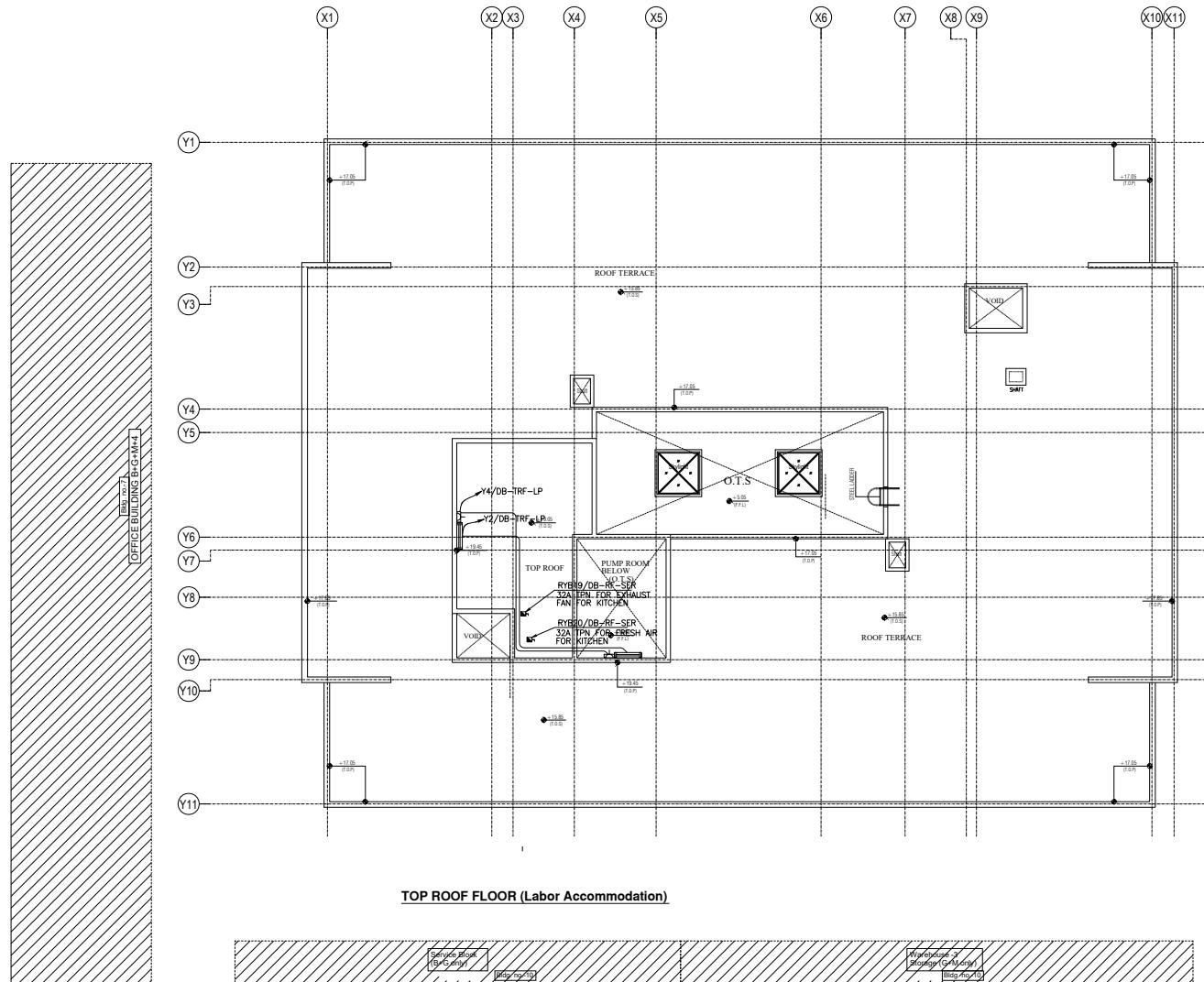


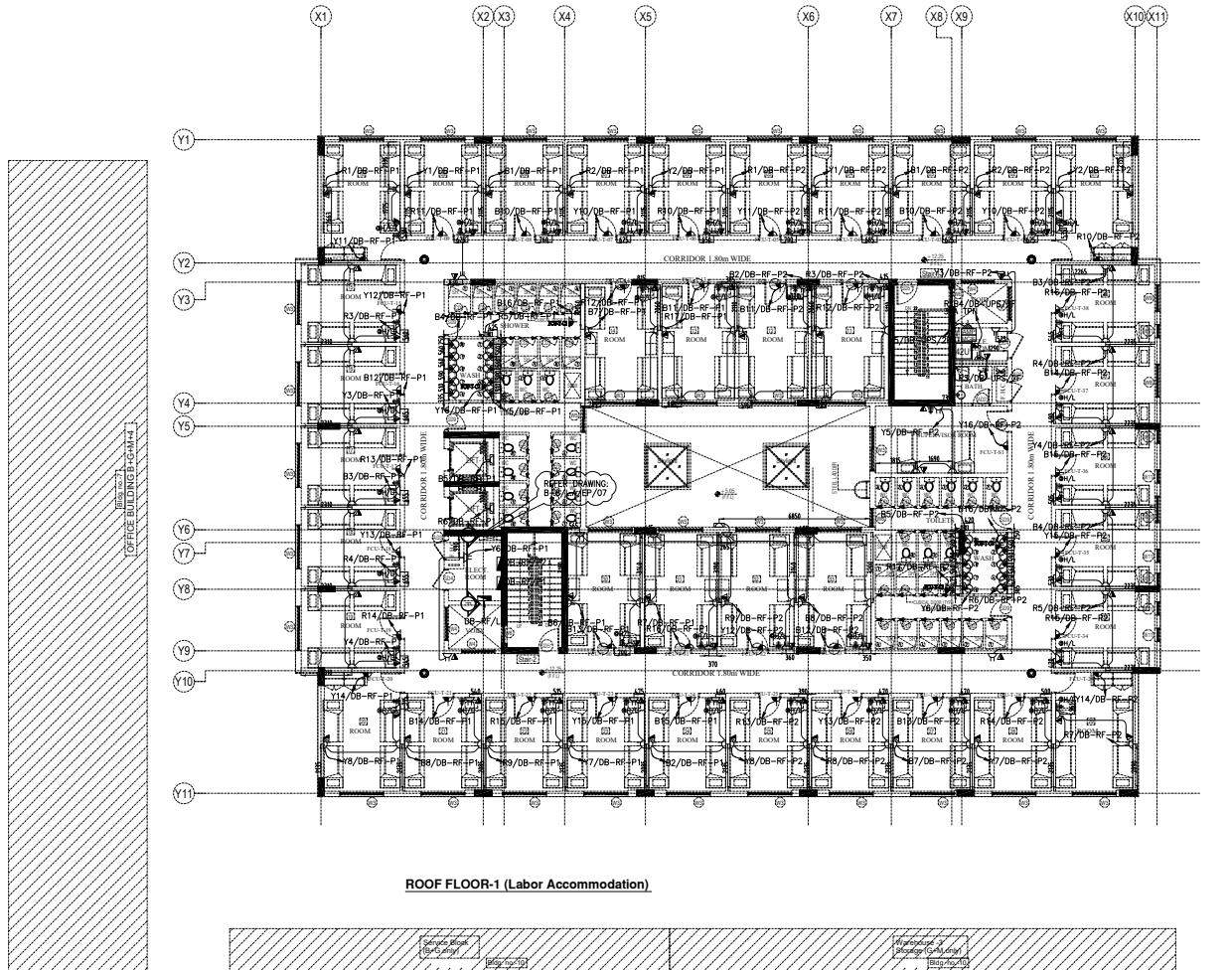
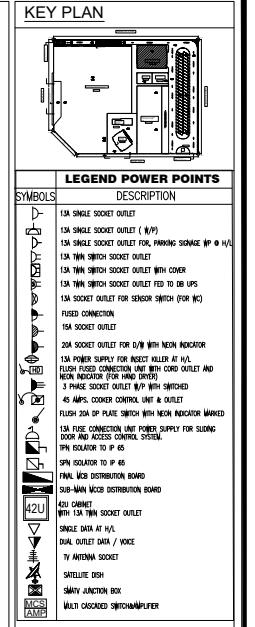




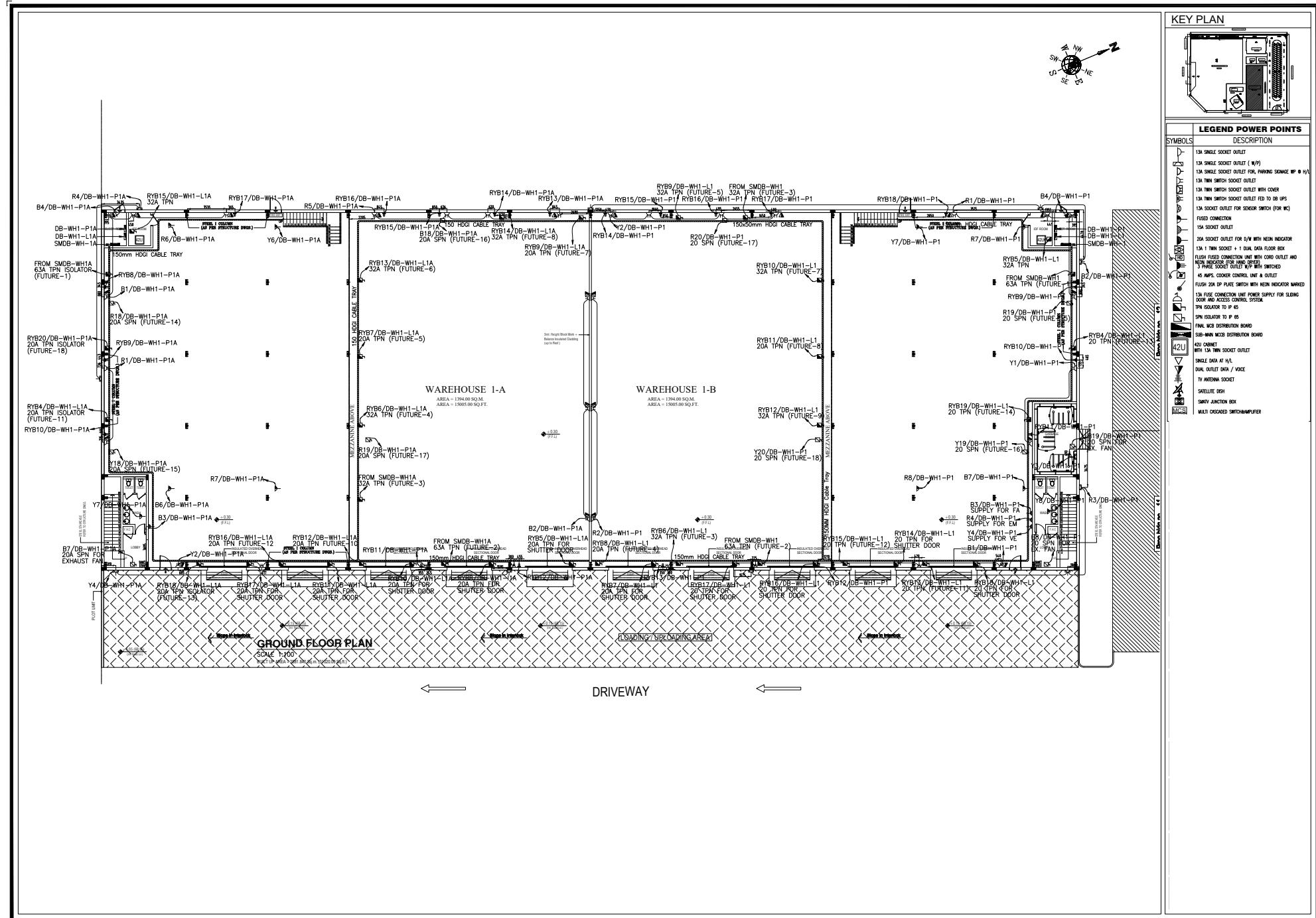


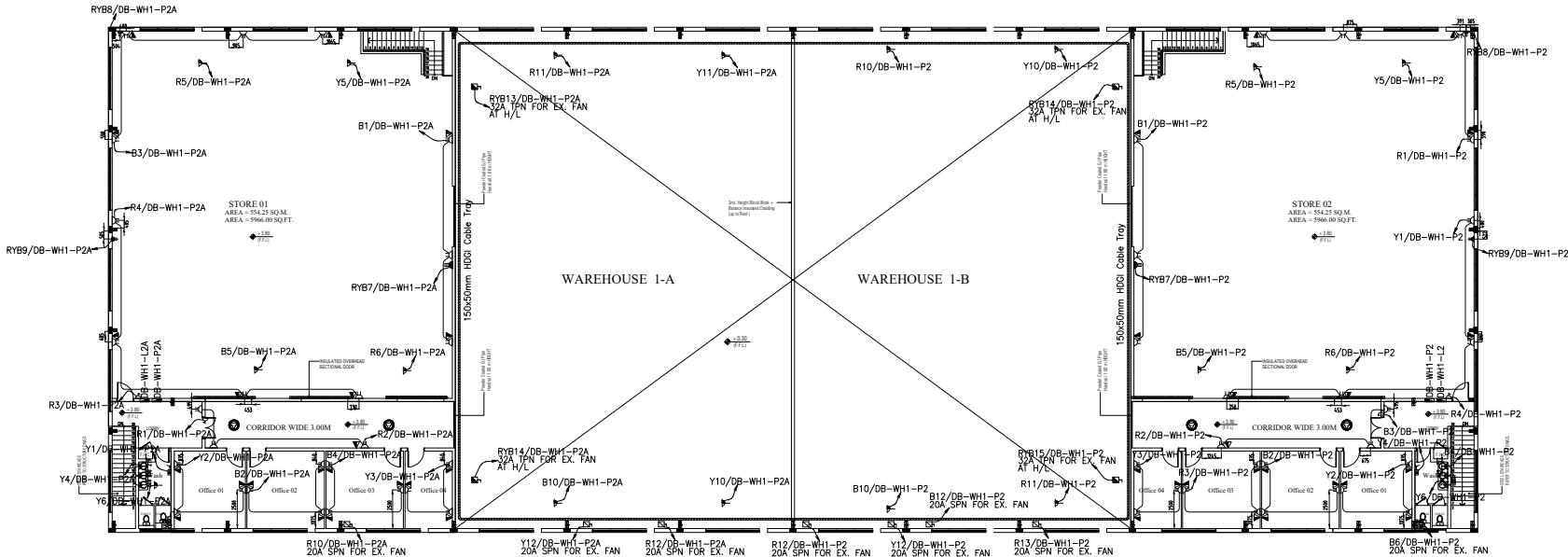
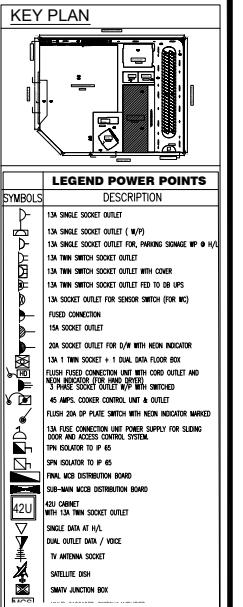


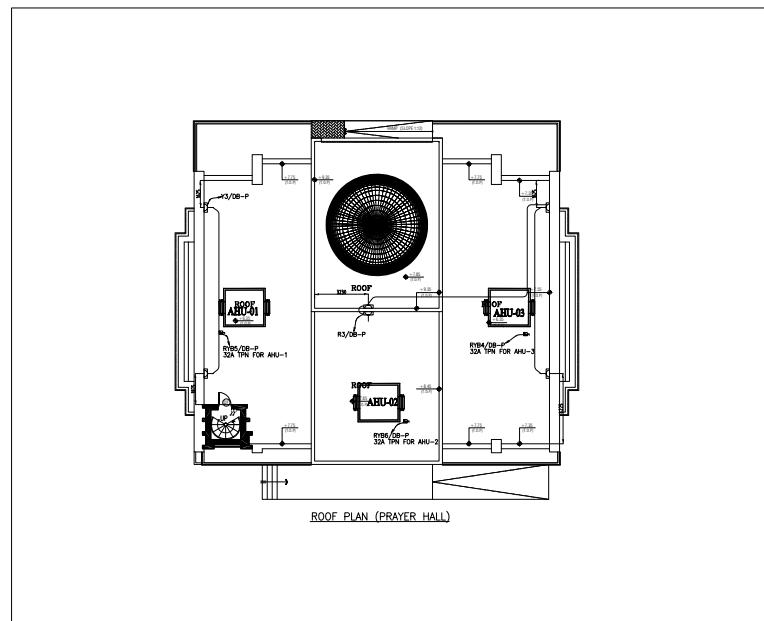
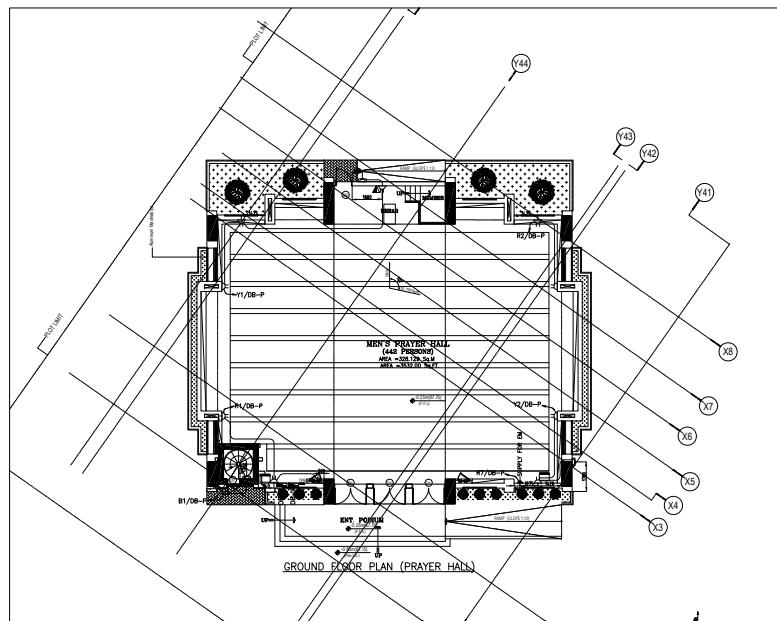
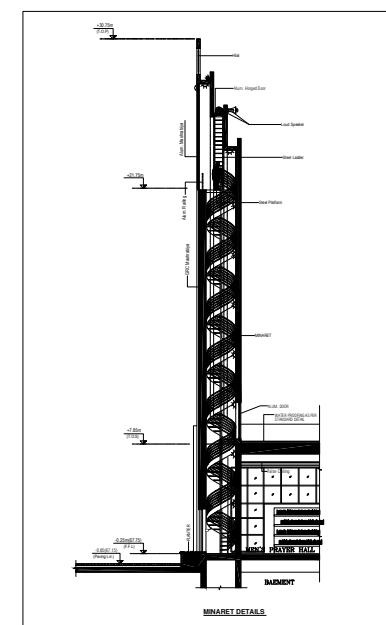
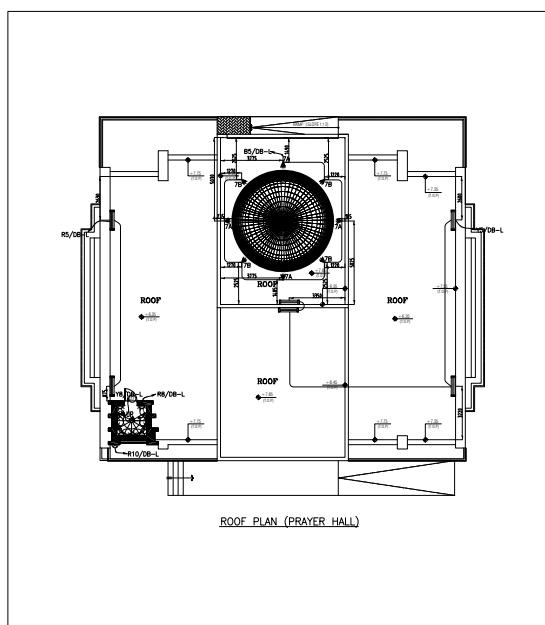
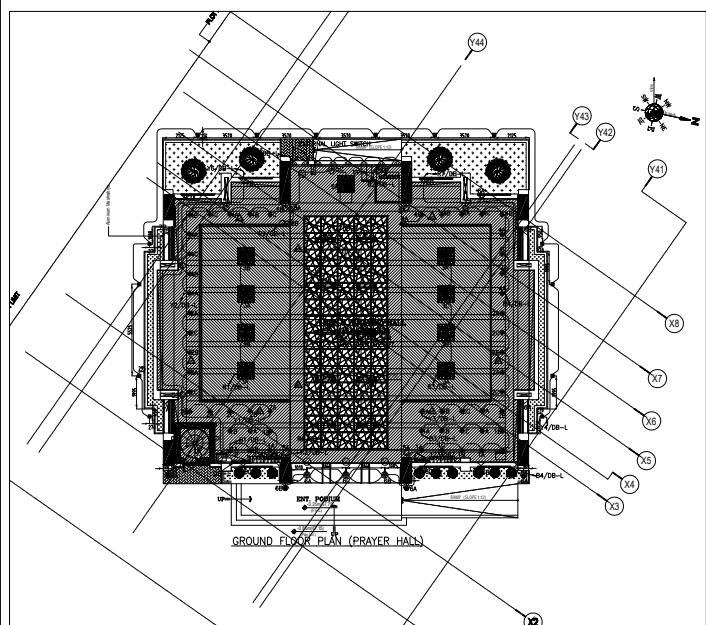


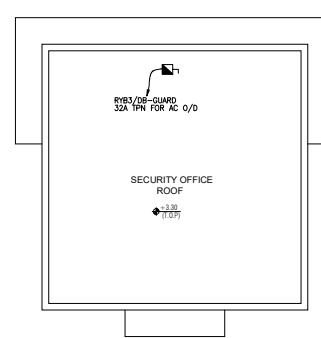
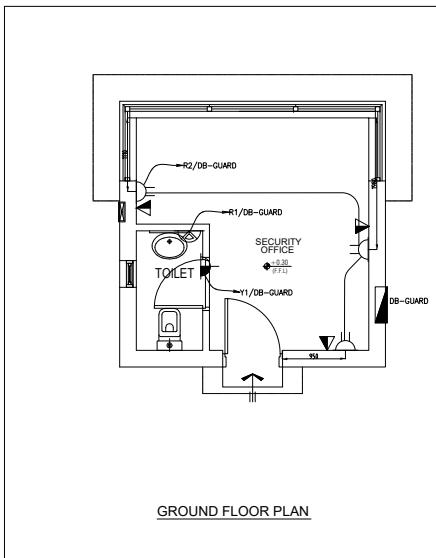
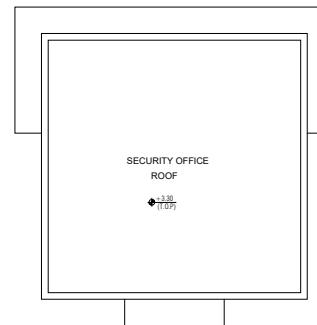
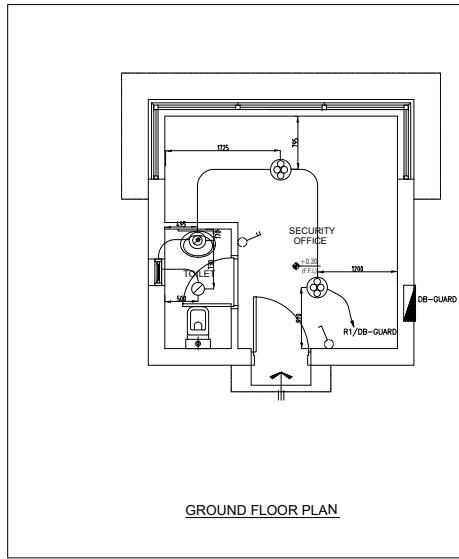


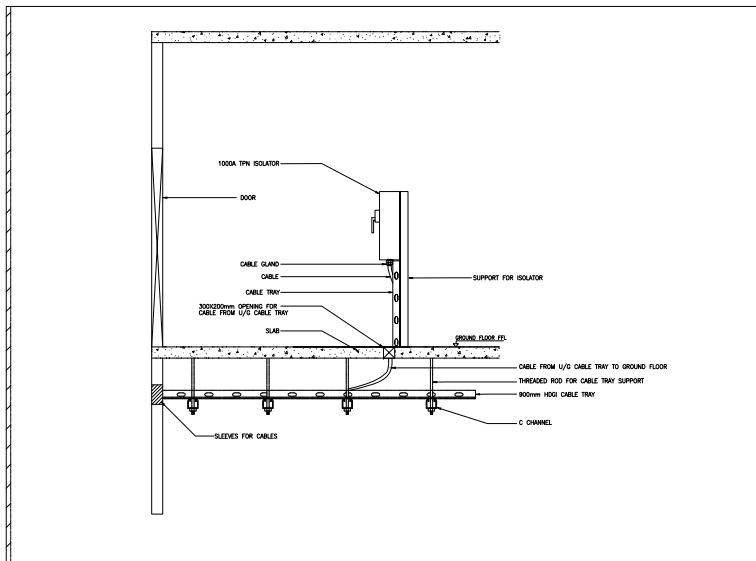
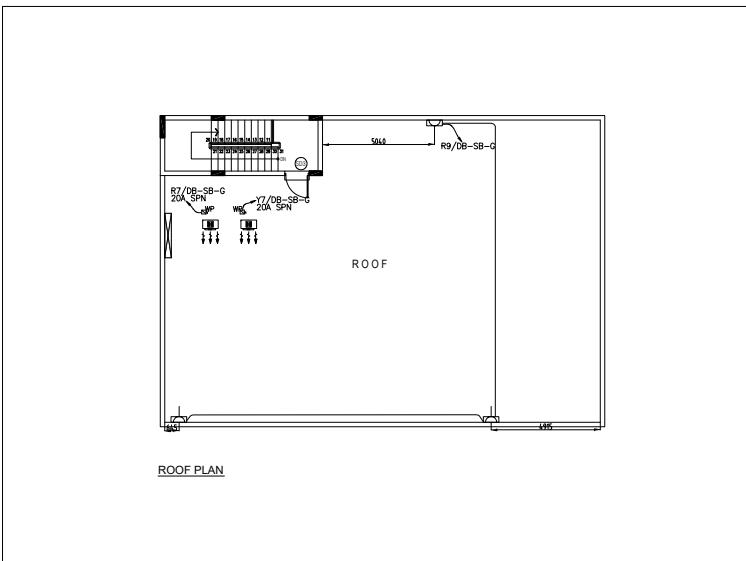
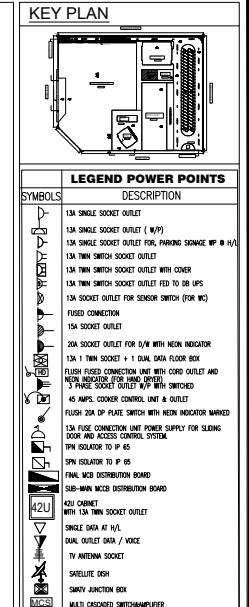
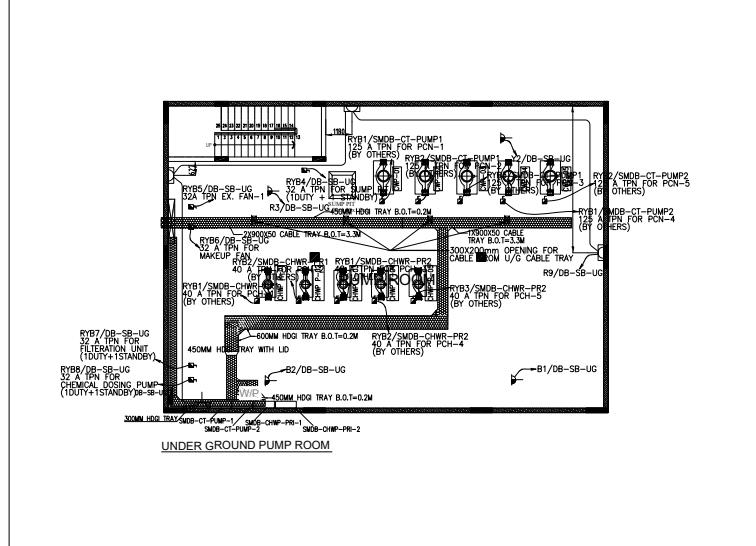
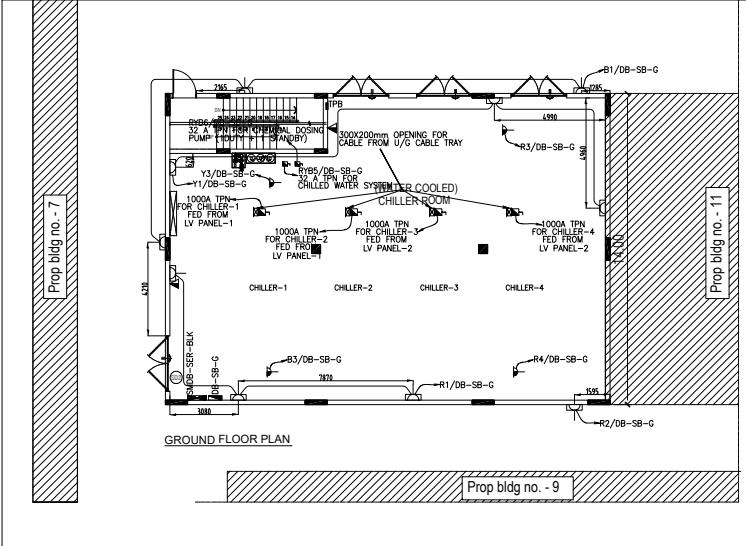




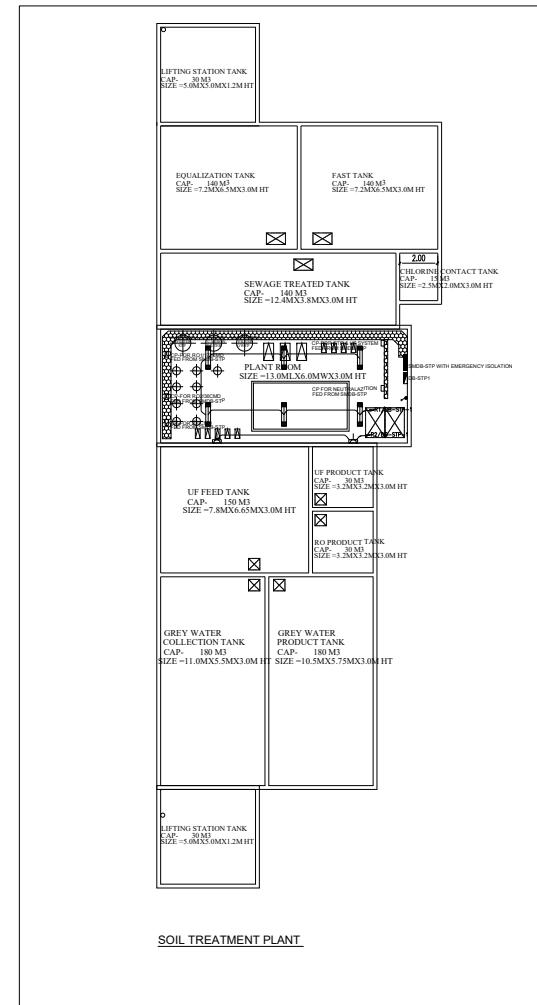
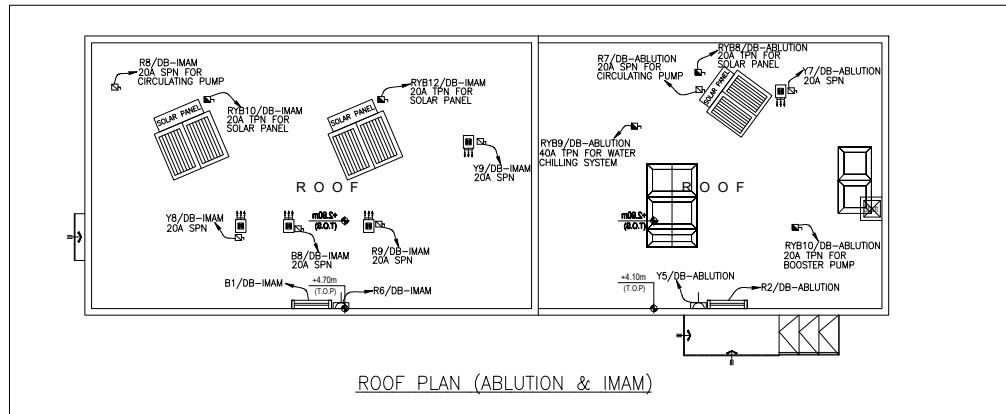
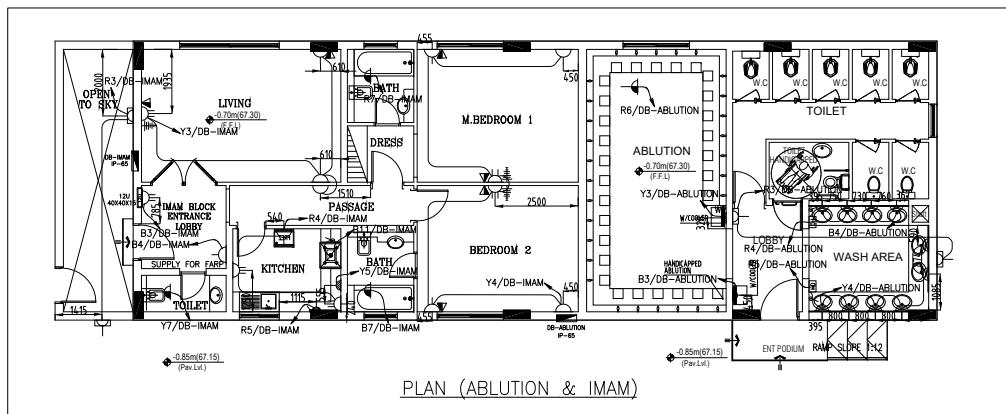
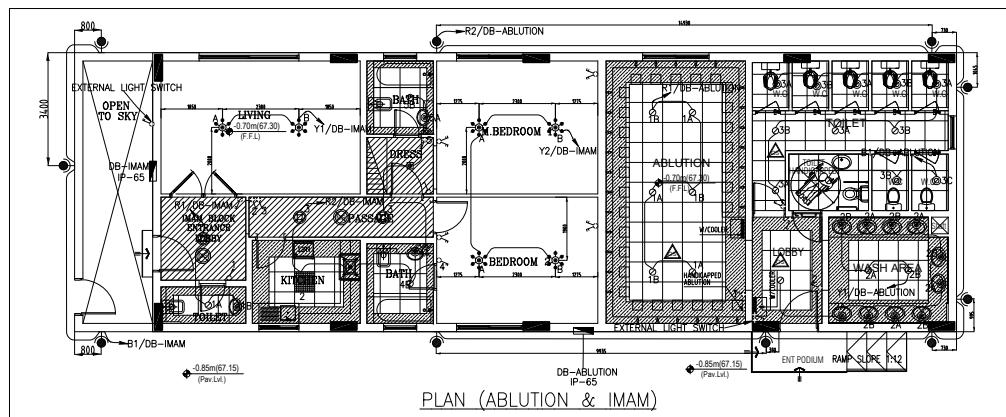




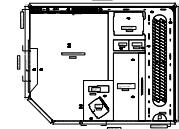




NOTE: ISOLATORS RATING AND LOCATION WILL BE FINALIZED AFTER HVAC DRAWING APPROVAL



### KEY PLAN



### LEGEND POWER POINTS

#### SYMBOLS

- 13A SINGLE SOCKET OUTLET (W)
- 13A SINGLE SOCKET OUTLET FOR PARKING SIGNAGE IP 0 VAC
- 13A TWIN SOCKET OUTLET
- 13A TWIN SWITCH SOCKET OUTLET WITH COVER
- 13A TWIN SWITCH SOCKET OUTLET FED TO 08 UPS
- 13A SOCKET OUTLET FOR SENSOR SWITCH (FOR NC) FUSED CONNECTION
- 15A SOCKET OUTLET
- 20A SOCKET OUTLET FOR D/W WITH NEON INDICATOR
- 15A SINGLE SOCKET OUTLET AT HIGH LEVEL FOR PROJECTOR
- 15A POWER SUPPLY UNIT INC. NEON VALVE AT H/L NEON FUSE CONNECTED TO 15A SOCKET OUTLET AND NEON INDICATOR (FOR HAND DRYER)
- 3A TWIN SOCKET OUTLET FOR GATE CONTROL SYSTEM
- 6A MP3 GINGER CONTROL UNIT & OUTLET
- FUSION BOX OR PLATE SWITCH WITH NEON INDICATOR MARKED
- 13A FUSE CONNECTION UNIT POWER SUPPLY FOR SLIDING DOOR
- 13A FUSE CONNECTION UNIT POWER SUPPLY FOR ACCESS CONTROL SYSTEM
- SPN ISOLATOR TO IP 45
- 13A 1 TWIN SOCKET + 2 DUAL DATA
- 13A TWIN SOCKET + 2 USB PORT + 1 DUAL DATA
- FUSION BOX TO FUSE BOX 1 DUAL DATA
- FLOOR BOX
- 4M Wide Service Road
- 300-MIN MCCB DISTRIBUTOR 90460

DRAWING REF NO.

IFC-MEP

B-07/0B (E-002/A-031)

Adjacent Plot 8142184

GET FROM  
SCHMATIC

Adjacent Plot 8142207

ROAD 45.72

SETTING OUT PLAN

