

SYMBOL	DESCRIPTION
	13 A SINGLE GENERAL PURPOSE SSO
	13 A DUAL GENERAL PURPOSE SSO
	13 A OUTLET FOR FCU
	DISTRIBUTION BOARD (DB)
	SUB MAIN DISTRIBUTION BOARD (SMD)
	MOTOR CONTROL CENTER PANEL (MCC)
	SINGLE PHASE ISOLATOR
	SINGLE PHASE ISOLATOR (W/P)
	THREE PHASE ISOLATOR
	THREE PHASE ISOLATOR (W/P)
	OUTLET FOR GAS DETECTOR
	CONTROL PANEL
	13A WEATHER PROOF SOCKET FOR GENERAL PURPOSE
	WATER HEATER
	230A SP SWITCH WITH NEON INDICATOR & PURPOSE ENGRAVED ON IT
	230A 220V 50Hz 2 POLE & EARTH UNSWITCHED FUSED SPUR WITH FLEX OUTLET & NEON INDICATOR WASHING MACHINE DISH WASHER
	13A SWITCHED FUSED FLEX OUT. FOR GAS HOOD SUNCTION
	32A INDUSTRIAL SOCKET FOR CRADLE
	ELECTRICAL FLOOR BOX WITH 2 POWER SOCKETS, AND DATA & VOICE
	CABLE TRAY
	32MM Ø PVC CONDUIT



No.	Date	By	Revision Details
REVISIONS			

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE



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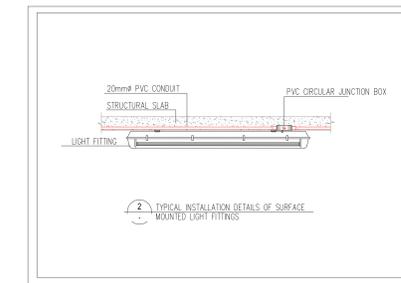
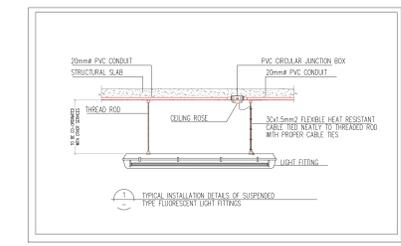
DRAWING TITLE
SETTING OUT PLAN

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020
File Ref.	Drawing No.	Scale	
	RB-80/E-00	1:175	
Project No.	Revision		

SETTING OUT PLAN



LIGHTING LAYOUT BASEMENT FLOOR PLAN



KEY PLAN:

LEGENDS:

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	FLUORESCENT LIGHT FIXTURE WITH 1x28W T5 LAMP W.P. IP-54	SURFACE MOUNTED
	FLUORESCENT LIGHT FIXTURE WITH 2x28W T5 LAMP W.P. IP-54	SURFACE MOUNTED
	FLUORESCENT LIGHT FIXTURE WITH 2x36W T5 LAMP W.P. IP-54	SURFACE MOUNTED
	2x10 SPOT LIGHT, (FOR CORRIDOR)	CEILING MOUNTED
	12W DECORATIVE LED DOWNLIGHT LIGHT IP-20 (FOR COMMON AREA)	SURFACE MOUNTED
	1x15W LED TYPE LIGHT, IP-20 (FOR STAIRCASE)	SURFACE MOUNTED
	18W MOUNDED LIGHT (600x600mm) (FOR BATH, KITCHEN)	CEILING MOUNTED
	24W BANDED LIGHT (FOR BALCONY & LAUNDRY)	SLAB MOUNTED
	7W SPOT LIGHT (FOR HALL WAY)	—
	5W SURFACE SPOT LIGHT (FOR LIVING, BEDROOM)	SURFACE MOUNTED
	LED LIGHT (FOR LIFT LOBBY)	—
	14AW/M STRIP LIGHT	—
	BULKHEAD WITH WIRE GUARD, 1x15W LED LIGHT, IP-65	—
	1 GANG, ONE WAY SWITCH IP-20	1300 mm ABOVE FFL
	2 GANG, ONE WAY SWITCH IP-20	1300 mm ABOVE FFL
	3 GANG, ONE WAY SWITCH IP-20	1300 mm ABOVE FFL
	1 GANG, TWO WAY SWITCH IP-20	1300 mm ABOVE FFL
	2 GANG, TWO WAY SWITCH IP-20	1300 mm ABOVE FFL
	3 GANG, ONE WAY SWITCH IP-20	1300 mm ABOVE FFL
	CALL BELL SWITCH	1300 mm ABOVE FFL
	CALL BELL	—
	SHAVER SOCKET	—
	PUSH BUTTON	1300 mm ABOVE FFL
	DISTRIBUTION BOARD	1800 mm ABOVE FFL
	MOTION SENSOR	CEILING MOUNTED
	CONDUIT RUN	—
	SWITCH CONNECTION	—

AS BUILT

No.	Date	By	Revision Details
00	07/10/2019	ES	ISSUED FOR APPROVAL

REVISIONS

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE

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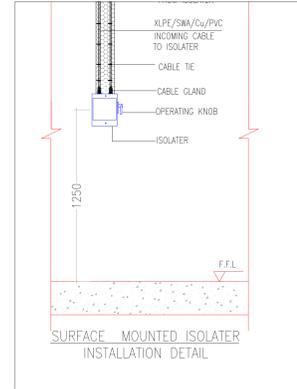
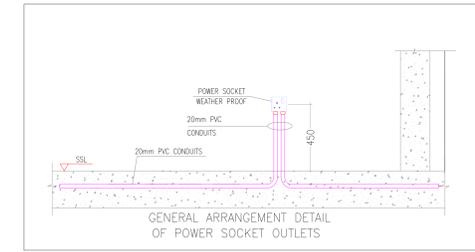
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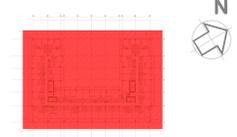
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DRAWING TITLE
BASEMENT FLOOR PLAN LIGHTING LAYOUT

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020
File Ref.	Drawing No.	Scale	
	RB-80/E-03	1:175	
Project No.	Revision		
16-1662	00		



KEY PLAN:



LEGENDS :

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
[Symbol]	MAIN DISTRIBUTION BOARD	ABOVE F.F.L.
[Symbol]	SUB MAIN DISTRIBUTION BOARD	ABOVE F.F.L.
[Symbol]	DISTRIBUTION BOARD	ABOVE F.F.L.
[Symbol]	MOTOR CONTROL CENTER PANEL	ABOVE F.F.L.
[Symbol]	CONTROL PANEL	ADJACENT TO UNIT
[Symbol]	SINGLE PHASE ISOLATOR	ADJACENT TO UNIT
[Symbol]	SINGLE PHASE ISOLATOR (W/P)	ADJACENT TO UNIT
[Symbol]	THREE PHASE ISOLATOR	ADJACENT TO UNIT
[Symbol]	THREE PHASE ISOLATOR(W/P)	ADJACENT TO UNIT
[Symbol]	SINGLE I3A, 3-PIN SWITCHED SOCKET OUTLET	450mm ABOVE F.F.L.
[Symbol]	DOUBLE I3A, 3-PIN SWITCHED SOCKET OUTLET	450mm ABOVE F.F.L.
[Symbol]	SINGLE I3A, GENERAL PURPOSE SOCKET OUTLET (W/P)	450mm ABOVE F.F.L.
[Symbol]	DOUBLE I3A, GENERAL PURPOSE SOCKET OUTLET (W/P)	450mm ABOVE F.F.L.
[Symbol]	I3A OUTLET FOR FCU	ADJACENT TO UNIT
[Symbol]	WATER HEATER WITH FLEX OUTLET	ADJACENT TO UNIT
[Symbol]	OUTLET FOR GAS DETECTOR	
[Symbol]	20A UNSWITCHED FUSED SPUR WASHING MACHINE/DISH WASHER FOR GAS HOBB KONTION	
[Symbol]	I3A SWITCHED FUSED FLEX O/L FOR GAS HOBB KONTION	
[Symbol]	FLEX OUTLET WITH DP SWITCH FOR FRIDGE	
[Symbol]	KILLOWATT HOUR METER	
[Symbol]	ELECTRICAL FLOOR BOX WITH 2 POWER SOCKETS, DATA & VOICE	
[Symbol]	20A DP SWITCH WITH NEON INDICATOR	
[Symbol]	POWER CABLE TRAY	
[Symbol]	BOTTOM OF CABLE TRAY	
[Symbol]	SOFFIT OF SLAB	
[Symbol]	CONDUIT RUN	
[Symbol]	SWITCH CONNECTION	

AS BUILT

No.	Date	By	Revision Details
00	06.12.2019	R.A.	ISSUED FOR APPROVAL

REVISIONS

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE

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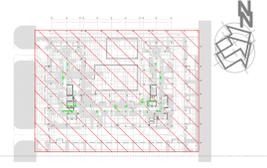
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DRAWING TITLE
POWER LAYOUT BASEMENT FLOOR PLAN

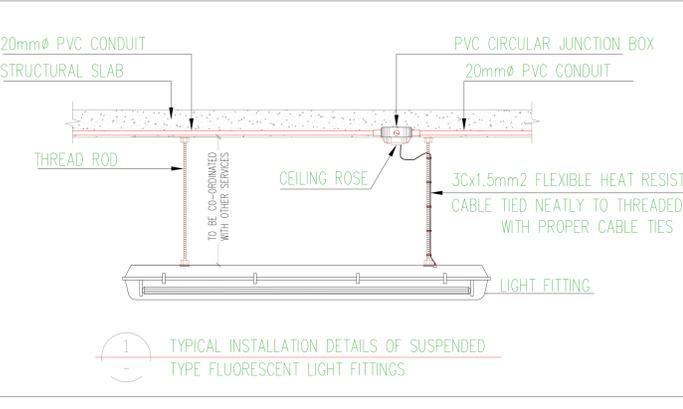
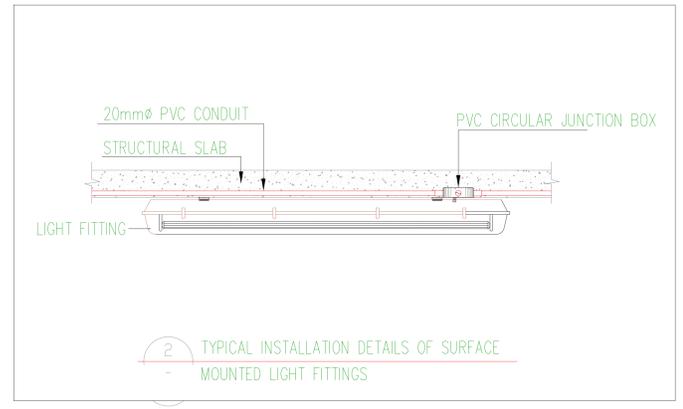
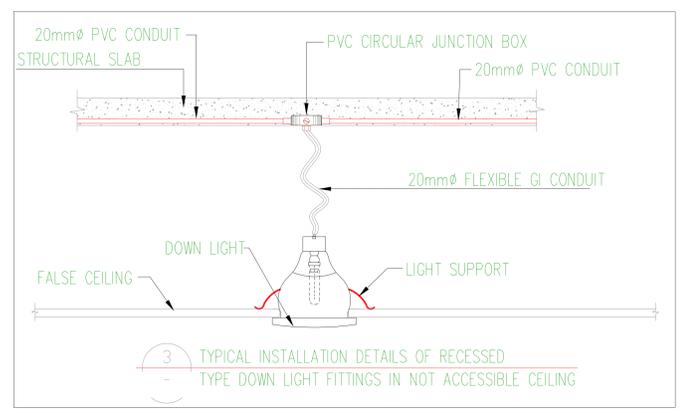
Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020
File Ref.	Drawing No.	Scale	
	RB-80/E-04	1:175	
Project No.	Revision		
16-1662	00		



POWER LAYOUT BASEMENT FLOOR PLAN



GROUND FLOOR PLAN



LEGENDS :

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 1x28W T5 LAMP W/P, IP-54	SURFACE MOUNTED
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x28W T5 LAMP W/P, IP-54	SURFACE MOUNTED
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x36W T5 LAMP W/P, IP-54	SURFACE MOUNTED
[Symbol]	LED SPOT LIGHT, (FOR ENTRANCE LOBBY)	CEILING MOUNTED
[Symbol]	12W DECORATIVE LED DOWNLIGHT LIGHT IP-20 (FOR COMMON AREA)	SURFACE MOUNTED
[Symbol]	1x15W LED TYPE LIGHT, IP-20 (FOR STAIRCASE)	SURFACE MOUNTED
[Symbol]	12W DECORATIVE LED SPOT LIGHT, IP-44 (FOR TOILET)	CEILING MOUNTED
[Symbol]	14.4W/M STRIP LIGHT	
[Symbol]	BULKHEAD WITH WIRE GUARD, 1x18W LED LIGHT, IP-65	
[Symbol]	1 GANG, ONE WAY SWITCH, IP-20	1300 mm ABOVE FFL
[Symbol]	2 GANG, ONE WAY SWITCH, IP-20	1300 mm ABOVE FFL
[Symbol]	1 GANG, TWO WAY SWITCH, IP-20	1300 mm ABOVE FFL
[Symbol]	2 GANG, TWO WAY SWITCH, IP-20	1300 mm ABOVE FFL
[Symbol]	PUSH BUTTON	1300 mm ABOVE FFL
[Symbol]	DISTRIBUTION BOARD	1800 mm ABOVE FFL
[Symbol]	MOTION SENSOR	CEILING MOUNTED
[Symbol]	CONDUIT RUN	
[Symbol]	SWITCH CONNECTION	

AS BUILT

No.	Date	By	Revision Details
00	06.12.2019		ISSUE FOR APPROVAL

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE

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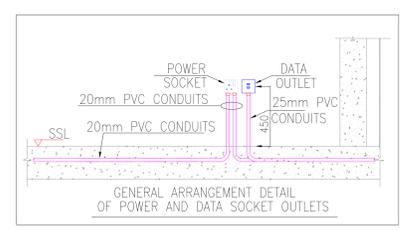
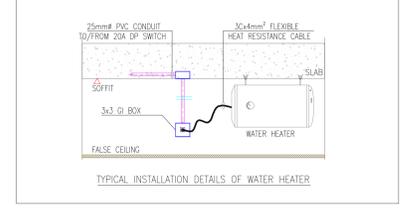
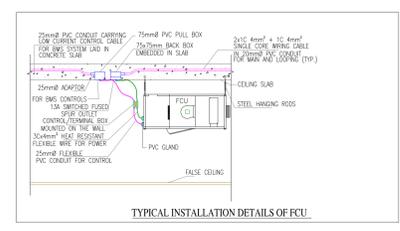
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DRAWING TITLE
GROUND FLOOR PLAN LIGHTING LAYOUT

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020
File Ref.	Drawing No.	Scale	
	RB-80/E-05	1:150 @ A1	
Project No.	Revision		
16-1662	01		



KEY PLAN:

LEGENDS:

SYMBOL	DESCRIPTION	ADJACENT TO/NEAR
[Symbol]	MAIN DISTRIBUTION BOARD	ABOVE FFL
[Symbol]	SUB MAIN DISTRIBUTION BOARD	100mm ABOVE FFL
[Symbol]	DISTRIBUTION BOARD	100mm ABOVE FFL
[Symbol]	MOTOR CONTROL CENTER PANEL	100mm ABOVE FFL
[Symbol]	CONTROL PANEL	ADJACENT TO/NEAR
[Symbol]	SINGLE PHASE ISOLATOR	ADJACENT TO/NEAR
[Symbol]	SINGLE PHASE ISOLATOR (W/P)	ADJACENT TO/NEAR
[Symbol]	THREE PHASE ISOLATOR	ADJACENT TO/NEAR
[Symbol]	THREE PHASE ISOLATOR (W/P)	ADJACENT TO/NEAR
[Symbol]	SINGLE 13A, 3-PIN SWITCHED SOCKET OUTLET	450mm ABOVE FFL
[Symbol]	DOUBLE 13A, 3-PIN SWITCHED SOCKET OUTLET	450mm ABOVE FFL
[Symbol]	SINGLE 13A, GENERAL PURPOSE SOCKET OUTLET (W/P)	450mm ABOVE FFL
[Symbol]	DOUBLE 13A, GENERAL PURPOSE SOCKET OUTLET (W/P)	450mm ABOVE FFL
[Symbol]	13A OUTLET FOR FCU	ADJACENT TO/NEAR
[Symbol]	WATER HEATER WITH FLEX OUTLET	ADJACENT TO/NEAR
[Symbol]	OUTLET FOR GAS DETECTOR	ADJACENT TO/NEAR
[Symbol]	20A UNSWITCHED FUSED SPUR WASHING MACHINE/DISH WASHER	ADJACENT TO/NEAR
[Symbol]	13A SWITCHED FUSED FLEX O/L FOR GAS HOBB IGNITION	ADJACENT TO/NEAR
[Symbol]	FLEX OUTLET WITH DP SWITCH FOR FRIDGE	ADJACENT TO/NEAR
[Symbol]	KILLOWATT HOUR METER	ADJACENT TO/NEAR
[Symbol]	ELECTRICAL FLOOR BOX WITH 2 POWER SOCKETS, DATA & VOICE	ADJACENT TO/NEAR
[Symbol]	20A DP SWITCH WITH NEON INDICATOR	ADJACENT TO/NEAR
[Symbol]	POWER CABLE TRAY	
[Symbol]	BOT	BOTTOM OF CABLE TRAY
[Symbol]	SOS	SOFFIT OF SLAB
[Symbol]	[Symbol]	CONDUIT RUN
[Symbol]	[Symbol]	SWITCH CONNECTION

AS BUILT

REVISIONS

No.	Date	By	Revision Details
00	06.12.2019	R.A.	ISSUED FOR APPROVAL

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH, UAE

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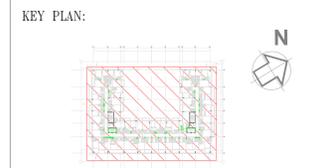
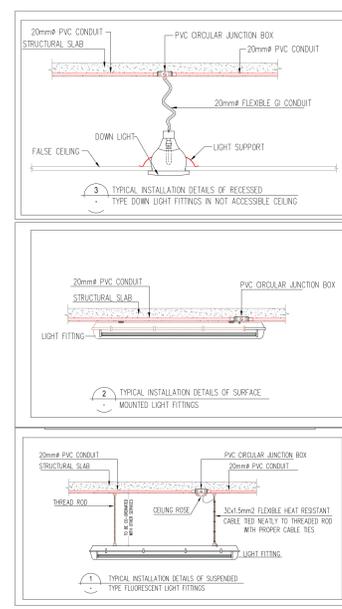
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DRAWING TITLE
GROUND FLOOR PLAN POWER LAYOUT

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020

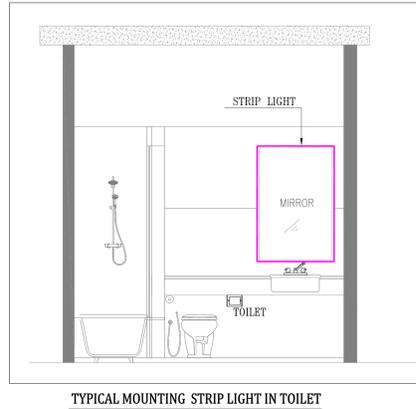
The Ref. Drawing No. Scale: 1:150

Project No. RB-80/E-06 Revision: REV-00



LEGENDS:

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 1x25W T5 LAMP W.P. IP-54	SURFACE MOUNTED
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x25W T5 LAMP W.P. IP-54	SURFACE MOUNTED
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x35W T5 LAMP W.P. IP-54	SURFACE MOUNTED
[Symbol]	2x10W SPOT LIGHT (FOR CORRIDOR)	CEILING MOUNTED
[Symbol]	1x15W LED TYPE LIGHT (FOR BATH KITCHEN)	SURFACE MOUNTED
[Symbol]	1x15W MOUNTED LIGHT (FOR BATH KITCHEN)	CEILING MOUNTED
[Symbol]	2x4W BENDED LIGHT (FOR BALCONY & LAUNDRY)	SLAB MOUNTED
[Symbol]	1x7W SPOT LIGHT (FOR HALL WAY)	SLAB MOUNTED
[Symbol]	5W SURFACE SPOT LIGHT (FOR LIVING, BEDROOM)	SURFACE MOUNTED
[Symbol]	LED LIGHT (FOR LIFT LOBBY)	
[Symbol]	14x4W STRIP LIGHT	
[Symbol]	BULKHEAD WITH WIRE GUARD, 1x15W LED LIGHT, IP-65	
[Symbol]	1 GANG, ONE WAY SWITCH IP-20	1200mm ABOVE FFL
[Symbol]	2 GANG, ONE WAY SWITCH IP-20	1200mm ABOVE FFL
[Symbol]	3 GANG, ONE WAY SWITCH IP-20	1200mm ABOVE FFL
[Symbol]	1 GANG, TWO WAY SWITCH IP-20	1200mm ABOVE FFL
[Symbol]	2 GANG, TWO WAY SWITCH IP-20	1200mm ABOVE FFL
[Symbol]	3 GANG, ONE WAY SWITCH IP-20	1200mm ABOVE FFL
[Symbol]	CALL BELL SWITCH	1200mm ABOVE FFL
[Symbol]	CALL BELL	
[Symbol]	SHOWER SOCKET	1200mm ABOVE FFL
[Symbol]	PUSH BUTTON	1200mm ABOVE FFL
[Symbol]	DISTRIBUTION BOARD	1800mm ABOVE FFL
[Symbol]	MOTION SENSOR	CEILING MOUNTED
[Symbol]	CONDUIT RUN	
[Symbol]	SWITCH CONNECTION	



- NOTES:**
- 1) - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 - 2) - TYPICAL SWITCH HEIGHT 1.3MTR FROM FFL
 - 3) - BED SWITCH HEIGHT 70CM FROM FFL

AS BUILT

00	06 / 12 / 2019	ISSUE FOR APPROVAL
No.	Date	By
		Revision Details

REVISIONS

PROJECT

PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE

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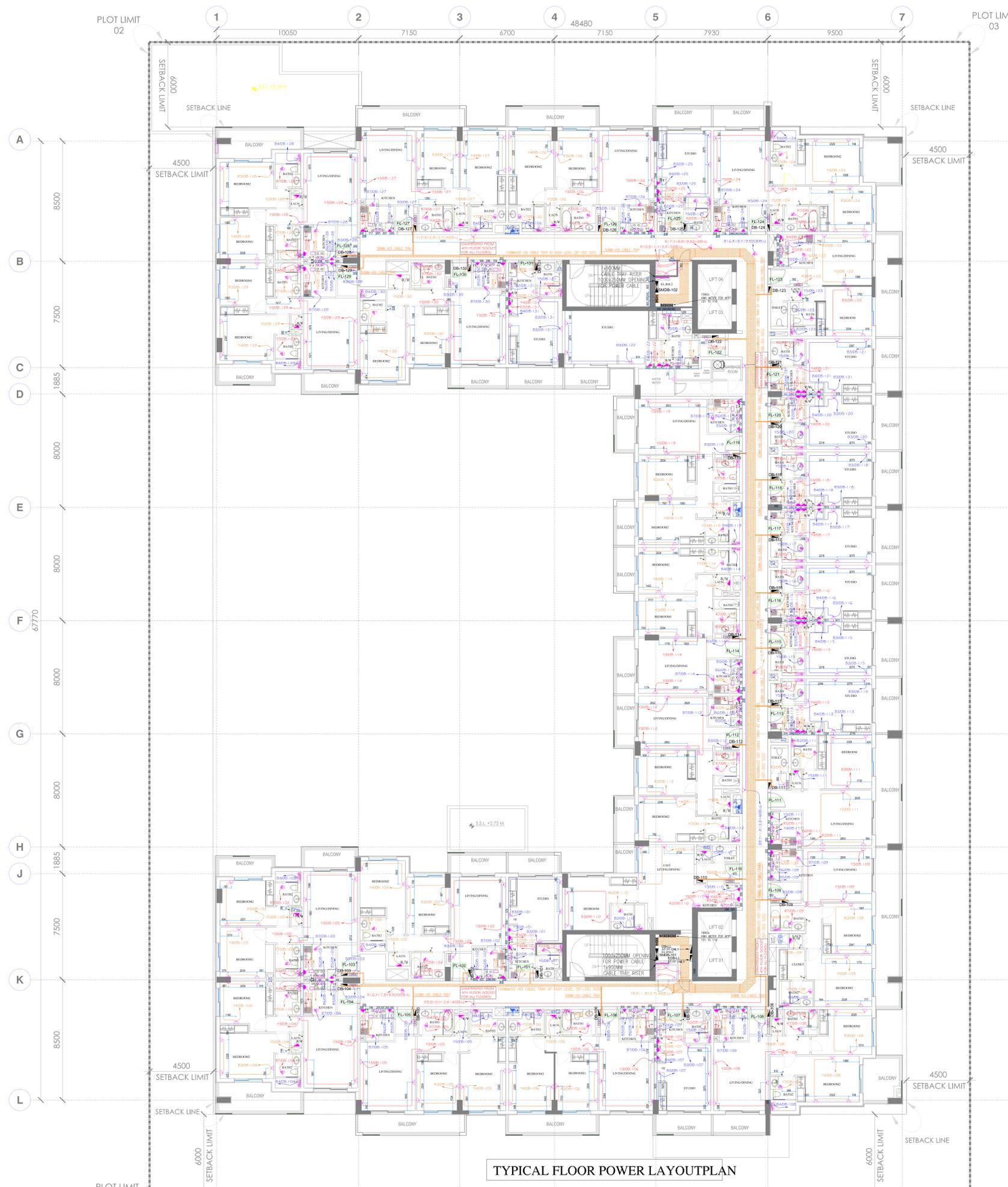
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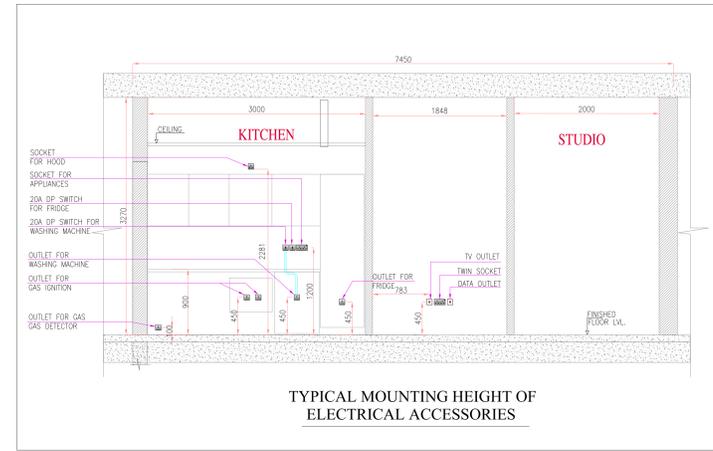
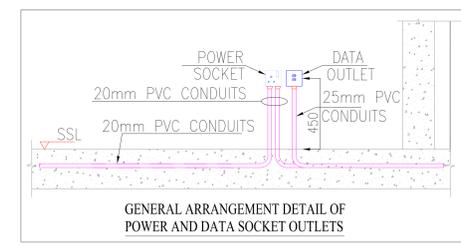
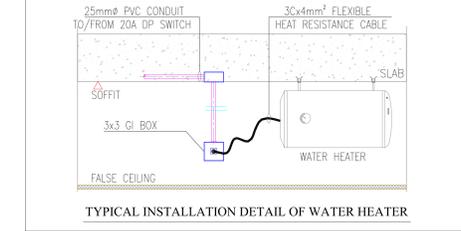
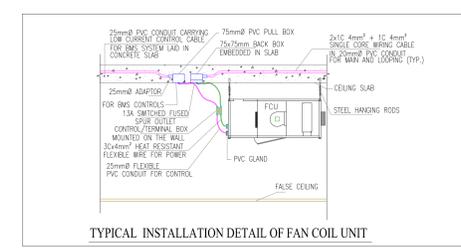
DRAWING TITLE

TYPICAL FLOOR PLAN LIGHTING LAY OUT

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020
The Ref.	Drawing No.	Scale	
	RB-80/E-07	1:150 @ A1	
Project No.	Revision		
16-1662	02		



TYPICAL FLOOR POWER LAYOUT PLAN



AS BUILT

KEY PLAN:

LEGENDS:

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
[Symbol]	MAIN DISTRIBUTION BOARD	ABOVE FFL
[Symbol]	SUB MAIN DISTRIBUTION BOARD	1800mm ABOVE FFL
[Symbol]	DISTRIBUTION BOARD	1800mm ABOVE FFL
[Symbol]	MOTOR CONTROL CENTER PANEL	1800mm ABOVE FFL
[Symbol]	CONTROL PANEL	ADJACENT TO UNIT
[Symbol]	SINGLE PHASE ISOLATOR	ADJACENT TO UNIT
[Symbol]	SINGLE PHASE ISOLATOR (W/P)	ADJACENT TO UNIT
[Symbol]	THREE PHASE ISOLATOR	ADJACENT TO UNIT
[Symbol]	THREE PHASE ISOLATOR (W/P)	ADJACENT TO UNIT
[Symbol]	SINGLE 13A, 3-PIN SWITCHED SOCKET OUTLET	450mm ABOVE FFL
[Symbol]	DOUBLE 13A, 3-PIN SWITCHED SOCKET OUTLET	450mm ABOVE FFL
[Symbol]	SINGLE 13A, GENERAL PURPOSE SOCKET OUTLET (W/P)	450mm ABOVE FFL
[Symbol]	DOUBLE 13A, GENERAL PURPOSE SOCKET OUTLET (W/P)	450mm ABOVE FFL
[Symbol]	13A OUTLET FOR FCU	ADJACENT TO UNIT
[Symbol]	WATER HEATER WITH FLEX OUTLET	ADJACENT TO UNIT
[Symbol]	OUTLET FOR GAS DETECTOR	
[Symbol]	20A UNSWITCHED FUSED SPUR WASHING MACHINE/DISH WASHER	
[Symbol]	13A SWITCHED FUSED FLEX OUTLET FOR GAS HOBIGNITION	
[Symbol]	FLEX OUTLET WITH DP SWITCH FOR FRIDGE	
[Symbol]	KILLOWATT HOUR METER	
[Symbol]	ELECTRICAL FLOOR BOX WITH 2 POWER SOCKETS, DATA & VOICE	
[Symbol]	20A DP SWITCH WITH NEON INDICATOR	
[Symbol]	POWER CABLE TRAY	
[Symbol]	BOTTOM OF CABLE TRAY	
[Symbol]	SOFFIT OF SLAB	
[Symbol]	CONDUIT RUN	
[Symbol]	SWITCH CONNECTION	

- NOTES:
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 - WALL COORDINATION LAYOUT WILL BE SUBMIT SEPARATELY.
 - ALL SWITCH HEIGHT 1.3MTR FROM FFL
 - BED SWITCH HEIGHT 70CM FROM FFL

No.	Date	By	Revision	Details
00	05-10-2019	ES	ISSUED FOR APPROVAL	

REVISIONS

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH, UAE

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DRAWING TITLE
POWER LAYOUT TYPICAL FLOOR PLAN

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020
The Ref.	Drawing No.	Scale	
	RB-80/E-08	1:10	
Project No.	Revision		
16-1662	REV-00		



LEGENDS:

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x3W T5 LAMP W.P. IP-54	2.50 MTS
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x3W T5 LAMP W.P. IP-54	2.50 MTS
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x3W T5 LAMP W.P. IP-54	2.50 MTS
[Symbol]	2x3W SPOT LIGHT (FOR CORRIDOR)	CEILING MOUNTED
[Symbol]	12W DECORATIVE LED DOWNLIGHT LIGHT (IP-20) (FOR COMMON AREA)	2.50 MTS
[Symbol]	14W LED TYPE LIGHT (IP-20) (FOR STAIRCASE)	2.50 MTS
[Symbol]	18W MOUNTED LIGHT (600x600mm) (FOR BATH, KITCHEN)	CEILING MOUNTED
[Symbol]	2x4W BENDED LIGHT (FOR BALCONY & LAUNDRY)	2.50 MTS
[Symbol]	7W SPOT LIGHT (FOR HALL WAY)	2.50 MTS
[Symbol]	5W SURFACE SPOT LIGHT (FOR LIVING, BEDROOM)	2.50 MTS
[Symbol]	LED LIGHT (FOR LIFT LOBBY)	2.50 MTS
[Symbol]	14.4W M STRIP LIGHT	2.50 MTS
[Symbol]	BULKHEAD LIGHT FIXTURE WITH 2x18W LAMP IP-65	WALL MOUNTED
[Symbol]	WEATHER PROOF LIGHT WITH 14W LED IP-65	WALL MOUNTED
[Symbol]	BULKHEAD WITH WIRE GUARD 1x18W LED LIGHT IP-65	WALL MOUNTED
[Symbol]	1 GANG ONE WAY SWITCH LP-20	1300 mm ABOVE FFL
[Symbol]	2 GANG ONE WAY SWITCH LP-20	1300 mm ABOVE FFL
[Symbol]	3 GANG ONE WAY SWITCH LP-20	1300 mm ABOVE FFL
[Symbol]	1 GANG TWO WAY SWITCH LP-20	1300 mm ABOVE FFL
[Symbol]	2 GANG TWO WAY SWITCH LP-20	1300 mm ABOVE FFL
[Symbol]	3 GANG ONE WAY SWITCH LP-20	1300 mm ABOVE FFL
[Symbol]	CALL BELL SWITCH	1300 mm ABOVE FFL
[Symbol]	SHOWER SOCKET	1300 mm ABOVE FFL
[Symbol]	PUSH BUTTON	1300 mm ABOVE FFL
[Symbol]	DISTRIBUTION BOARD	1800 mm ABOVE FFL
[Symbol]	MOTION SENSOR	CEILING MOUNTED
[Symbol]	CONDUIT RUN	
[Symbol]	SWITCH CONNECTION	

AS BUILT

01			
00	06/12/2019	R.A.	ISSUED FOR APPROVAL
No.	Date	By	Revision Details

REVISIONS

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PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE

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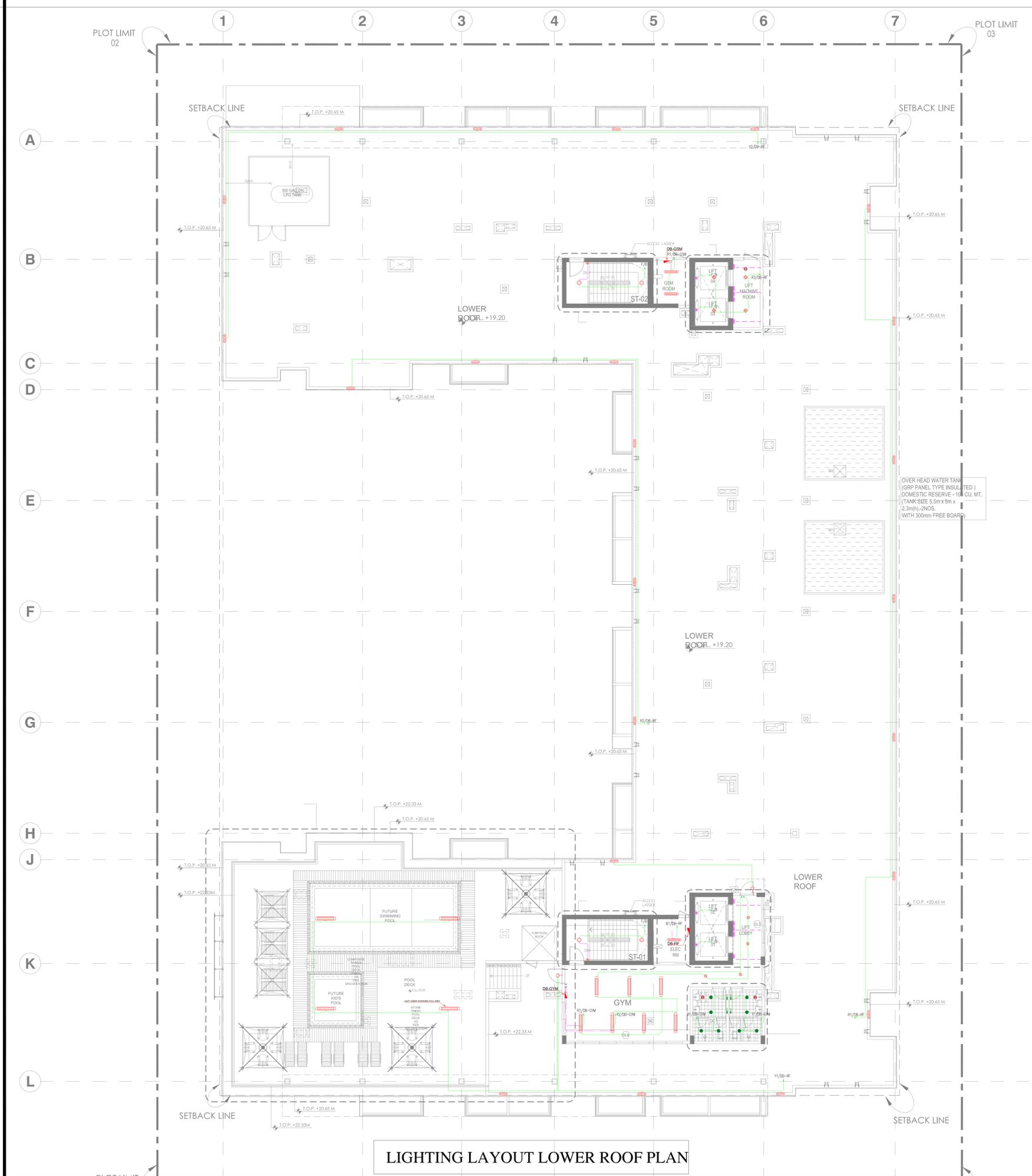
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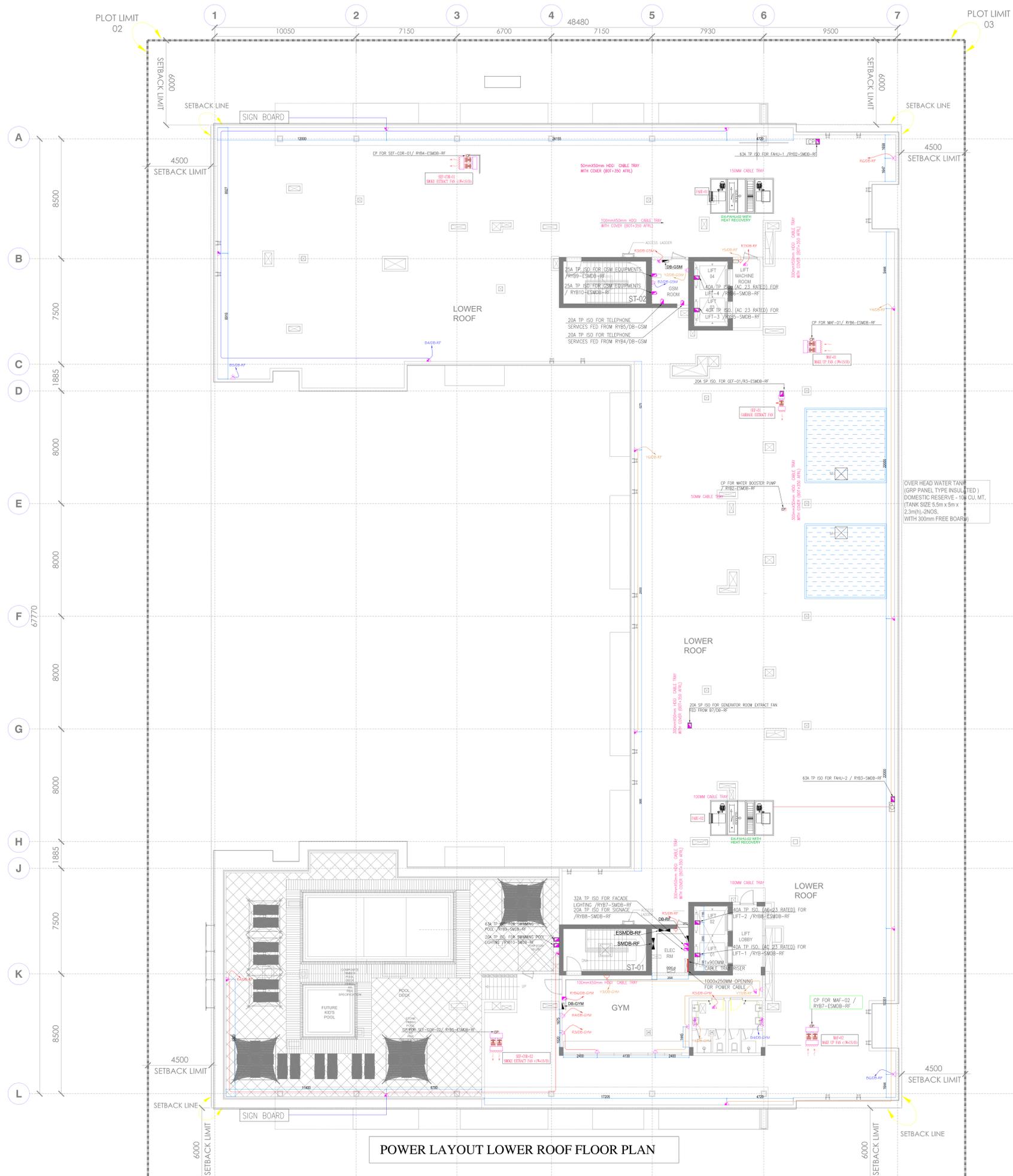
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DRAWING TITLE
LOWER ROOF FLOOR PLAN LIGHTING LAYOUT

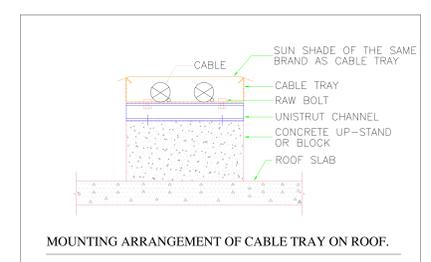
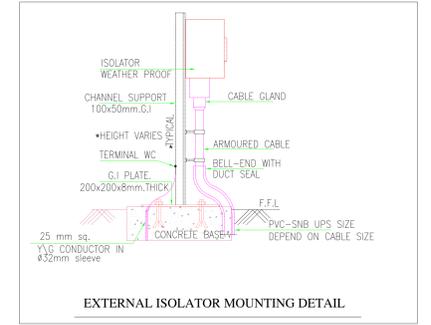
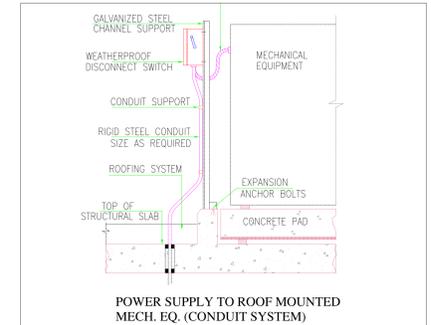
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	R.A.	R.A.	31.JAN.2020
The Ref.	Drawing No.	Scale	
	RB-80/E-09	1:150 @ A1	
Project No.		Revision	
16-1662		00	



LIGHTING LAYOUT LOWER ROOF PLAN



POWER LAYOUT LOWER ROOF FLOOR PLAN



LEGENDS :

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
[Symbol]	MAIN DISTRIBUTION BOARD	ABOVE FFL
[Symbol]	SUB MAIN DISTRIBUTION BOARD	ABOVE FFL
[Symbol]	DISTRIBUTION BOARD	ABOVE FFL
[Symbol]	MOTOR CONTROL CENTER PANEL	ABOVE FFL
[Symbol]	CONTROL PANEL	ADJACENT TO UNIT
[Symbol]	SINGLE PHASE ISOLATOR	ADJACENT TO UNIT
[Symbol]	SINGLE PHASE ISOLATOR (W/P)	ADJACENT TO UNIT
[Symbol]	THREE PHASE ISOLATOR	ADJACENT TO UNIT
[Symbol]	THREE PHASE ISOLATOR (W/P)	ADJACENT TO UNIT
[Symbol]	SINGLE 13A, 3-PIN SWITCHED SOCKET OUTLET	450mm ABOVE FFL
[Symbol]	DOUBLE 13A, 3-PIN SWITCHED SOCKET OUTLET	450mm ABOVE FFL
[Symbol]	SINGLE 13A, GENERAL PURPOSE SOCKET OUTLET (W/P)	450mm ABOVE FFL
[Symbol]	DOUBLE 13A, GENERAL PURPOSE SOCKET OUTLET (W/P)	450mm ABOVE FFL
[Symbol]	13A OUTLET FOR FCU	ADJACENT TO UNIT
[Symbol]	WATER HEATER WITH FLEX OUTLET	ADJACENT TO UNIT
[Symbol]	OUTLET FOR GAS DETECTOR	ADJACENT TO UNIT
[Symbol]	20A UNSWITCHED FUSED SPUR WASHING MACHINE/DISH WASHER	ADJACENT TO UNIT
[Symbol]	13A SWITCHED FUSED FLEX OUTLET FOR GAS HEAT EXCHANGER	ADJACENT TO UNIT
[Symbol]	FLEX OUTLET WITH DP SWITCH FOR FRIDGE	ADJACENT TO UNIT
[Symbol]	KILLOWATT HOUR METER	ADJACENT TO UNIT
[Symbol]	ELECTRICAL FLOOR BOX WITH 2 POWER SOCKETS, DATA & VOICE	ADJACENT TO UNIT
[Symbol]	20A DP SWITCH WITH NEON INDICATOR	ADJACENT TO UNIT
[Symbol]	POWER CABLE TRAY	ADJACENT TO UNIT
[Symbol]	BOTTOM OF CABLE TRAY	ADJACENT TO UNIT
[Symbol]	SOFFIT OF SLAB	ADJACENT TO UNIT

AS BUILT

No.	Date	By	Revision Details
00	06.12.2019	R.A.	ISSUED FOR APPROVAL

REVISIONS

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PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE

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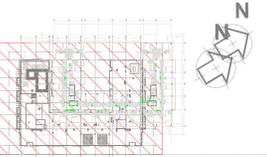
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DRAWING TITLE
POWER LAYOUT LOWER ROOF PLAN

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020

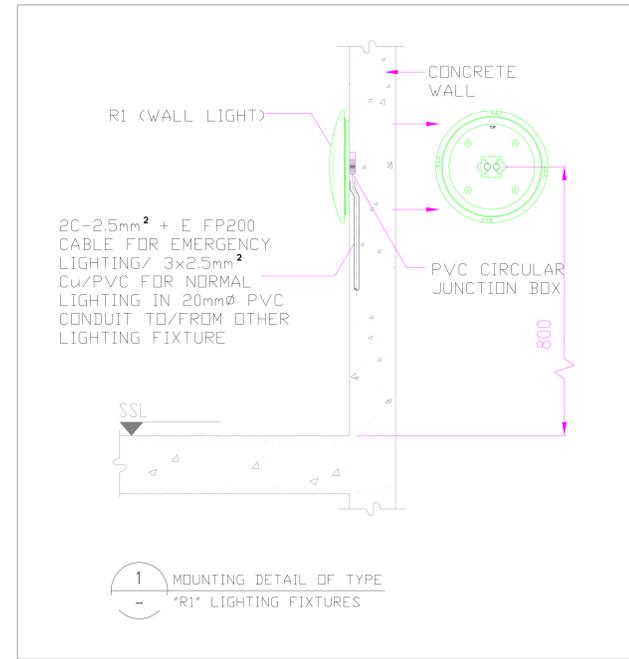
The Ref.	Drawing No.	Scale
	RB-80/E-10	1:175

Project No.	Revision
16-1662	00



LEGENDS:

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 1x2W T5 LAMP W.P. IP-54	2.50m MOUNTED
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x2W T5 LAMP W.P. IP-54	2.50m MOUNTED
[Symbol]	FLUORESCENT LIGHT FIXTURE WITH 2x2W T5 LAMP W.P. IP-54	2.50m MOUNTED
[Symbol]	2x10 SPOT LIGHT (FOR CORRIDOR)	CEILING MOUNTED
[Symbol]	12W DECORATIVE LED DOWNLIGHT LIGHT IP-20 (FOR COMMON AREA)	2.50m MOUNTED
[Symbol]	141W LED TYPE LIGHT (IP-20) (FOR STAIRCASE)	2.50m MOUNTED
[Symbol]	18W MOUNTED LIGHT (600x60mm) (FOR BATH, KITCHEN)	CEILING MOUNTED
[Symbol]	2x4W BENDED LIGHT (FOR BALCONY & LAUNDRY)	2.50m MOUNTED
[Symbol]	7W SPOT LIGHT (FOR HALL WAY)	2.50m MOUNTED
[Symbol]	5W SURFACE SPOT LIGHT (FOR LIVING, BEDROOM)	0.30m MOUNTED
[Symbol]	LED LIGHT (FOR LIFT LOBBY)	
[Symbol]	14.4W STRIP LIGHT	
[Symbol]	BULKHEAD LIGHT FIXTURE WITH 2x1W LAMP IP-65	WALL MOUNTED
[Symbol]	WEATHER PROOF LIGHT WITH 1x1W LED IP-65	WALL MOUNTED
[Symbol]	BULKHEAD WITH WIRE GUARD, 1x1W LED LIGHT, IP-65	
[Symbol]	1 GANG ONE WAY SWITCH IP-20	1.50m ABOVE FFL
[Symbol]	2 GANG ONE WAY SWITCH IP-20	1.50m ABOVE FFL
[Symbol]	3 GANG ONE WAY SWITCH IP-20	1.50m ABOVE FFL
[Symbol]	1 GANG TWO WAY SWITCH IP-20	1.50m ABOVE FFL
[Symbol]	2 GANG TWO WAY SWITCH IP-20	1.50m ABOVE FFL
[Symbol]	3 GANG ONE WAY SWITCH IP-20	1.50m ABOVE FFL
[Symbol]	CALL BELL SWITCH	1.50m ABOVE FFL
[Symbol]	SHOWER SOCKET	
[Symbol]	PUSH BUTTON	1.50m ABOVE FFL
[Symbol]	DISTRIBUTION BOARD	1.80m ABOVE FFL
[Symbol]	MOTION SENSOR	CEILING MOUNTED
[Symbol]	CONDUIT RUN	
[Symbol]	SWITCH CONNECTION	



AS BUILT

No.	Date	By	Revision Details
01	06/12/2019	R.A.	ISSUED FOR APPROVAL

REVISIONS

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE



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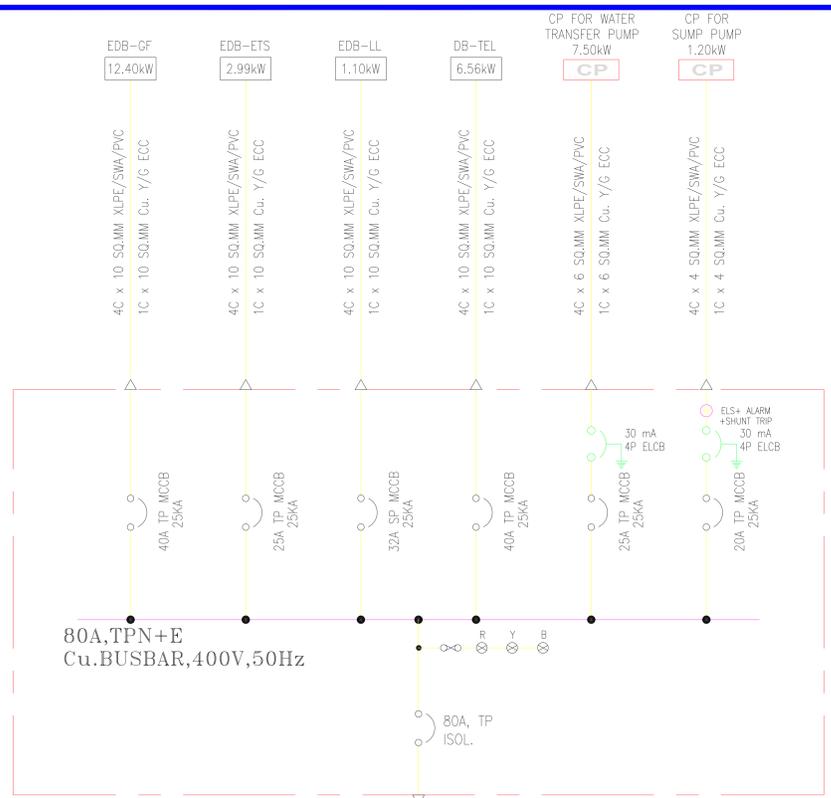
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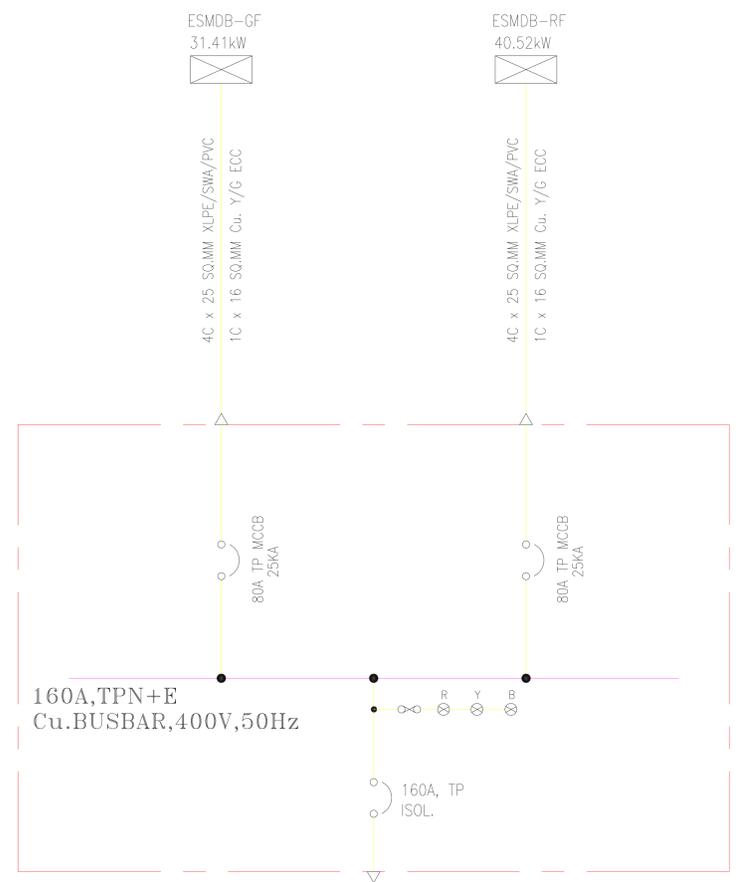
DRAWING TITLE
UPPER ROOF FLOOR PLAN LIGHTING LAYOUT

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020
The Ref.	Drawing No.	Scale	
	RB-80/E-11	1:150 @ A1	
Project No.	Revision		
16-1662	01		

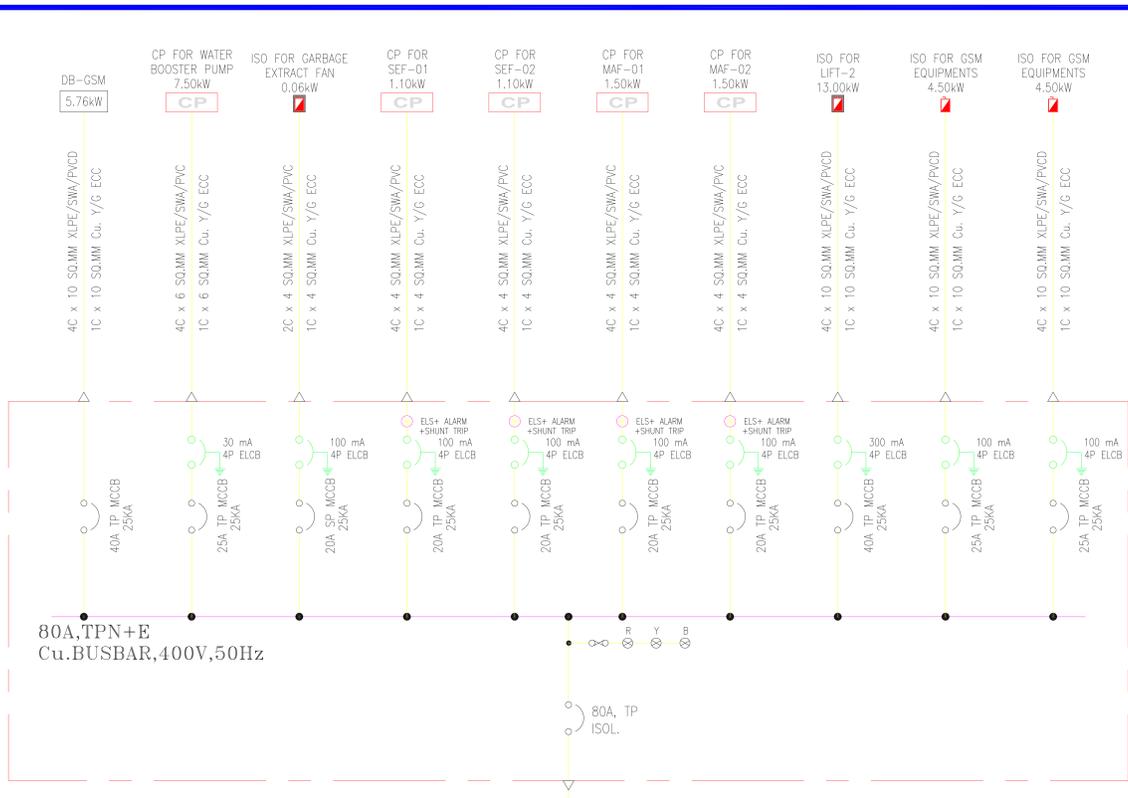
LIGHTING LAYOUT UPPER ROOF PLAN



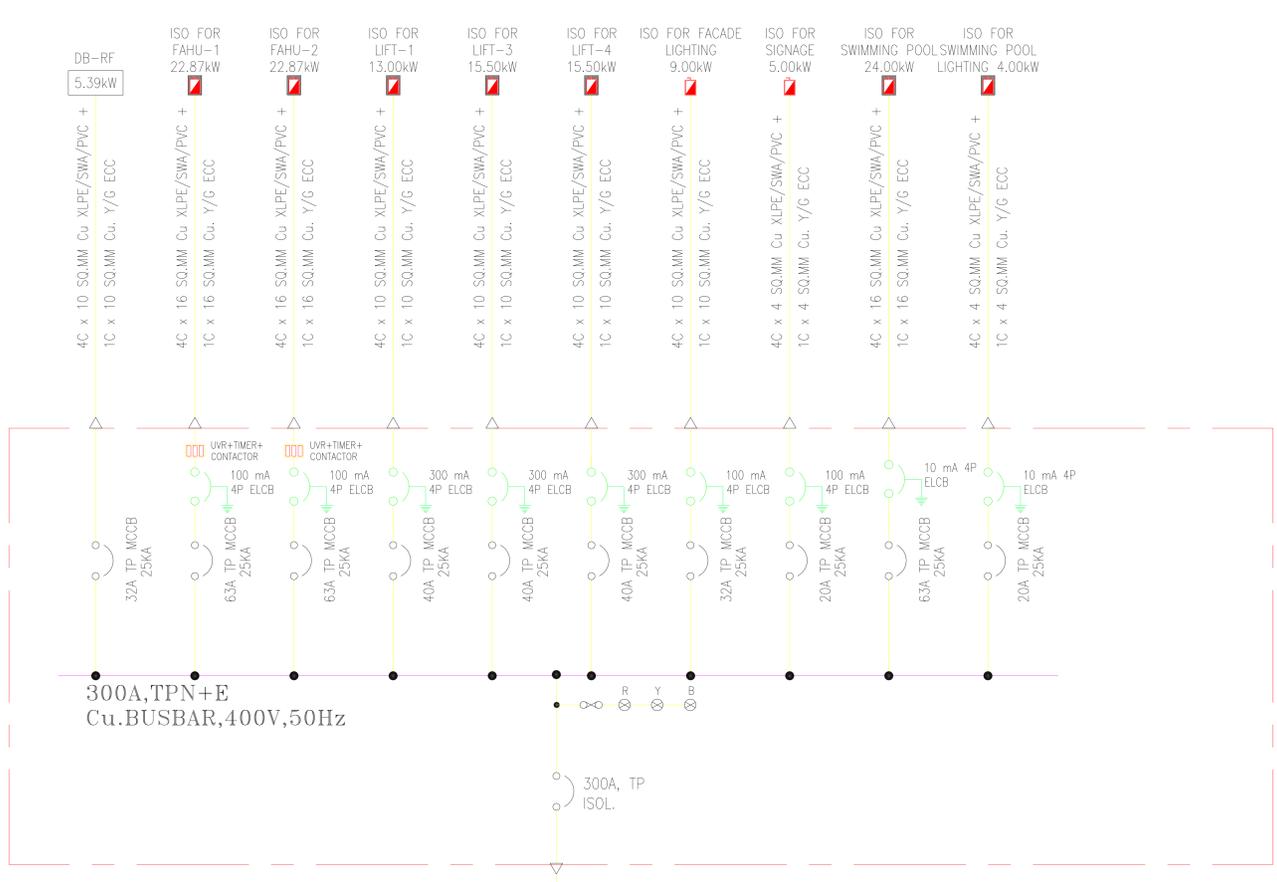
ESMDB-GF
 LOC. : ELE. ROOM, GROUND FLOOR
 TOTAL CONNECTED LOAD=31.77kW



ESMDB-GEN
 LOC. : GENERATOR ROOM, GROUND FLOOR
 TOTAL CONNECTED LOAD=71.94kW



ESMDB-RF
 LOC. : ELE. ROOM, ROOF FLOOR
 TOTAL CONNECTED LOAD=40.52kW



SMDB-RF
 LOC. : ELE. ROOM, ROOF FLOOR
 TOTAL CONNECTED LOAD=137.13kW

No.	Date	By	Revision	Details
REVISIONS				

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE



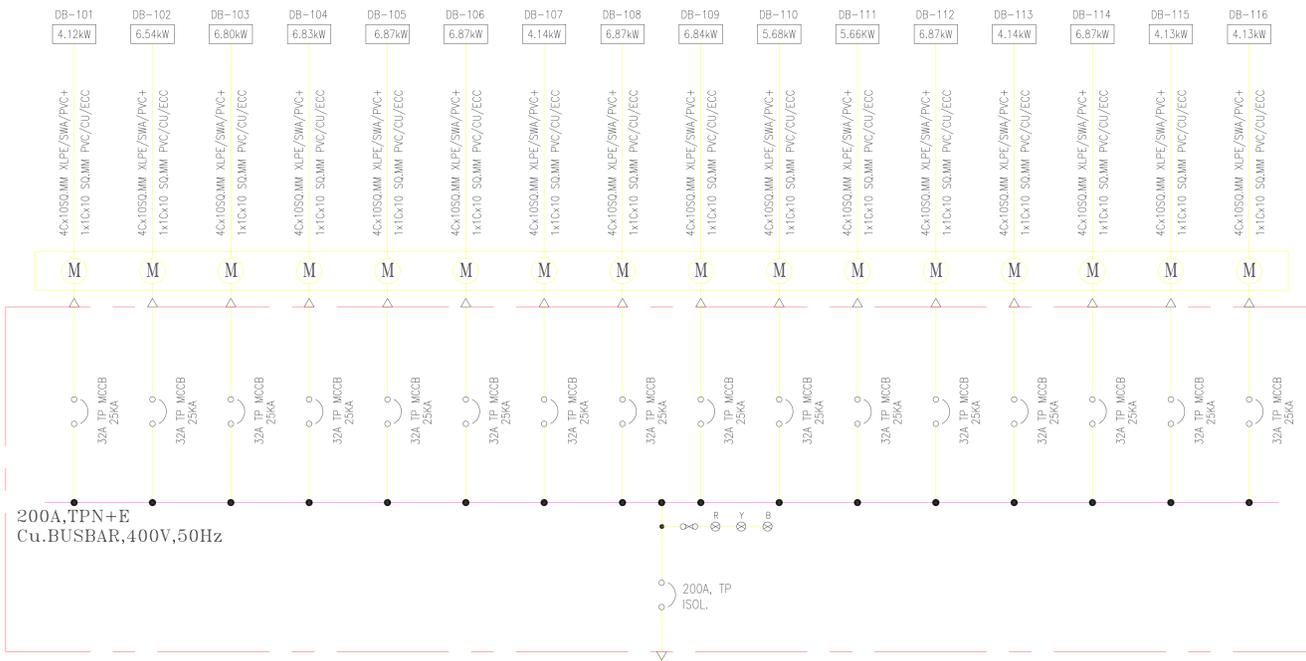
MAIN CONSULTANT
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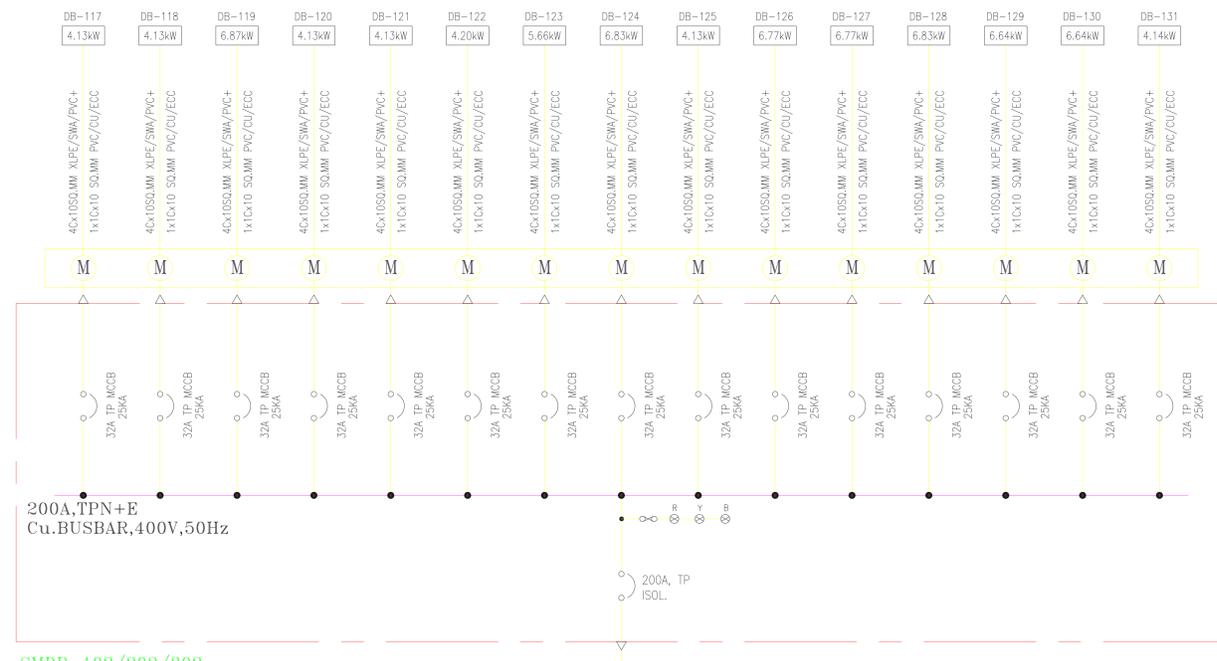
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DRAWING TITLE
SINGLE LINE DIAGRAM

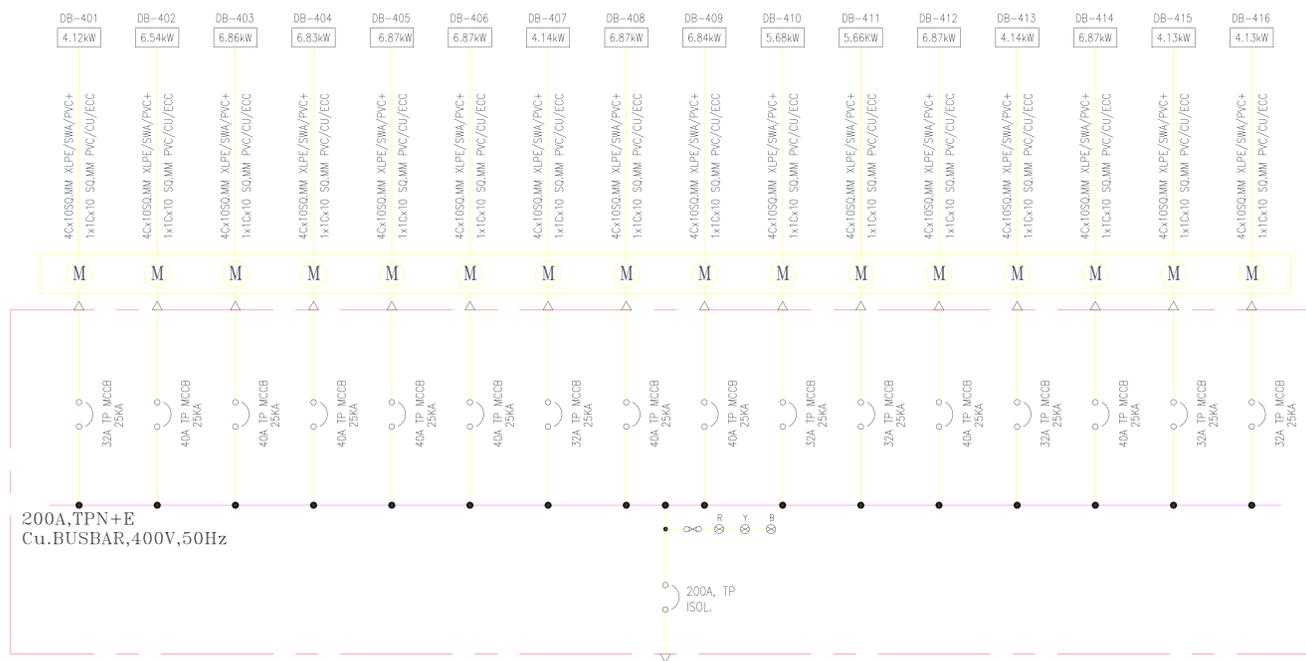
Status	Drawn	Checked	Date
	R.A.	R.A.	31 JAN 2020
File Ref.	Drawing No.	Scale	
	RB-80/E-01/2	NTS	
Project No.	Revision		



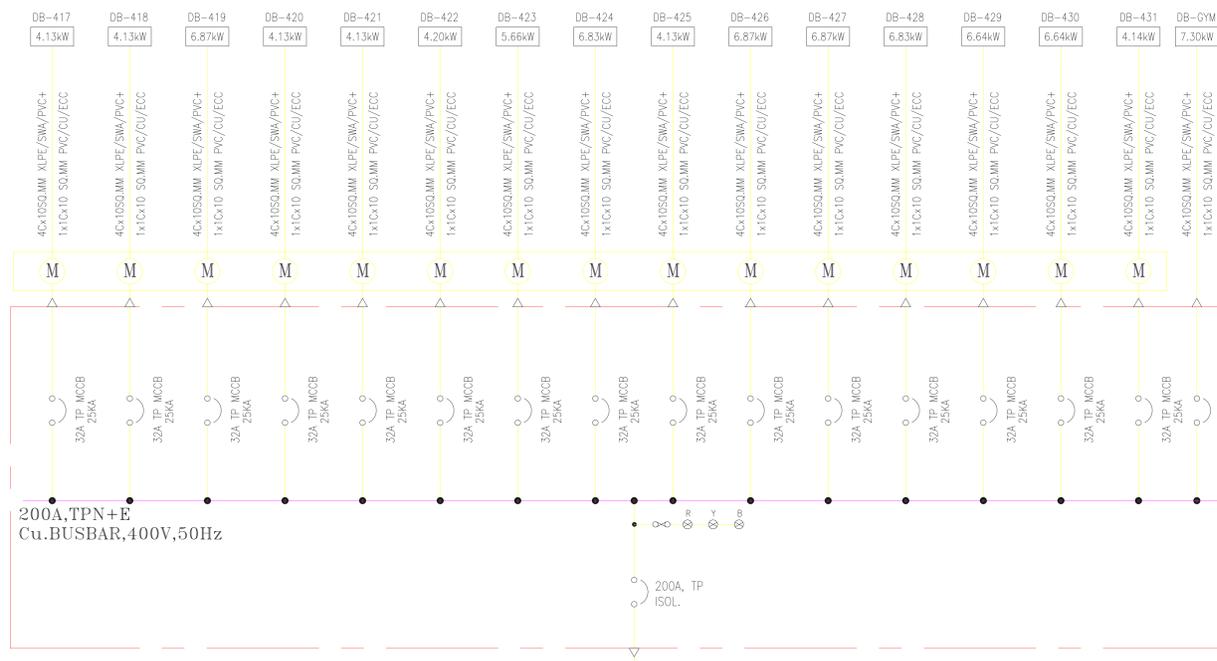
SMDB-101/201/301
LOC. : ELE. ROOM, 1ST,2ND,3RD FLOOR
TOTAL CONNECTED LOAD=93.43kW



SMDB-102/202/302
LOC. : ELE. ROOM, 1st,2nd,3rd FLOOR
TOTAL CONNECTED LOAD=82.07kW



SMDB-401
LOC. : ELE. ROOM, FOURTH FLOOR
TOTAL CONNECTED LOAD=93.491kW



SMDB-402
LOC. : ELE. ROOM, FOURTH FLOOR
TOTAL CONNECTED LOAD=89.56kW

No.	Date	By	Revision Details
REVISIONS			

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE



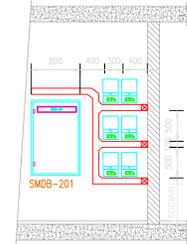
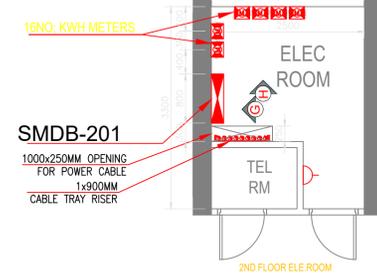
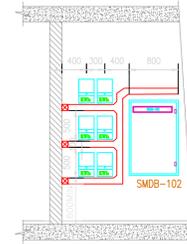
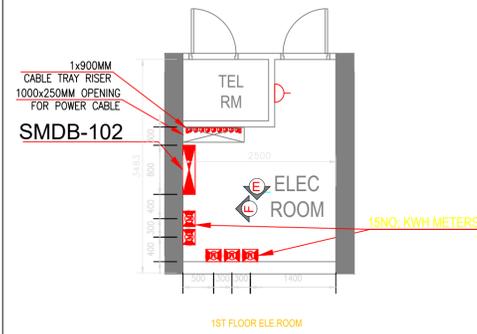
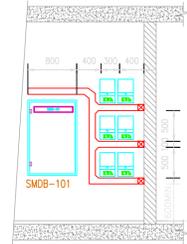
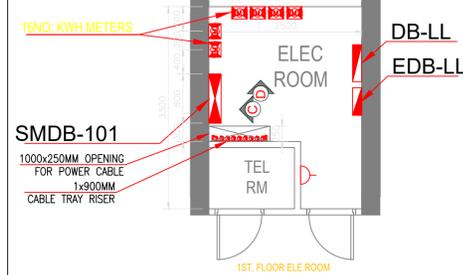
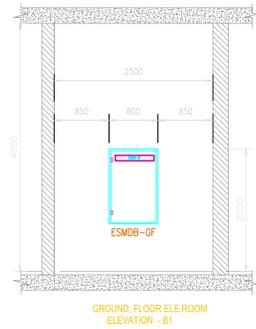
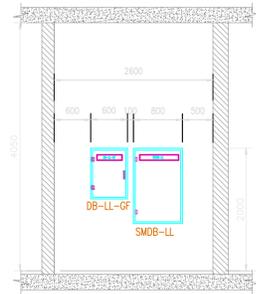
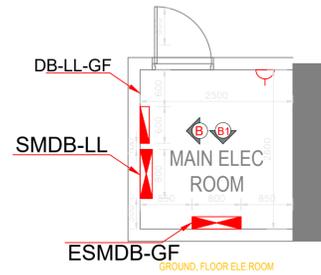
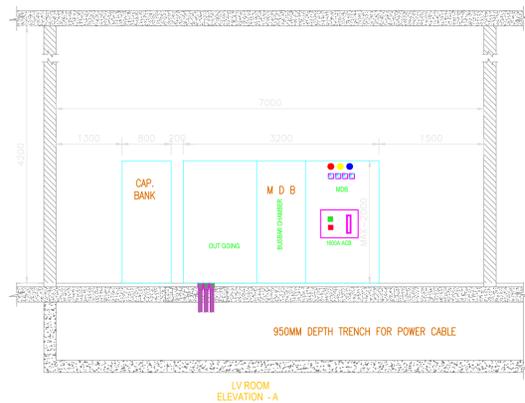
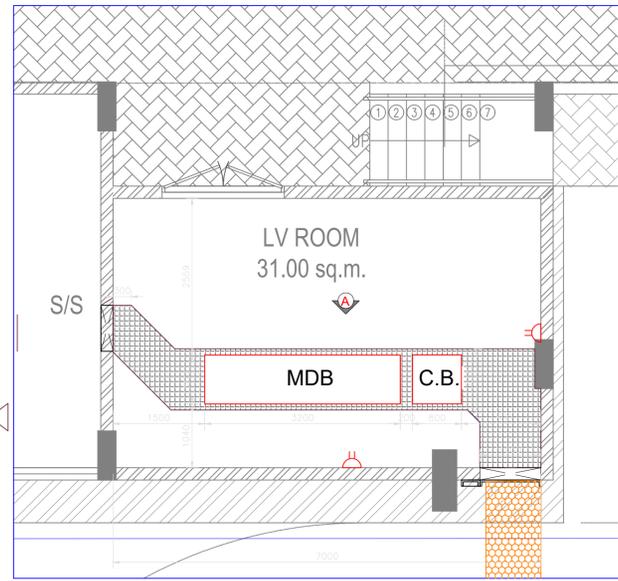
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DRAWING TITLE
SINGLE LINE DIAGRAM

Status	Drawn	Checked	Date
	R.A.	R.A.	31.JAN.2020
File Ref.	Drawing No.	Scale	
	RB-80/E-01/3	NTS	
Project No.	Revision		



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No.	Date	By	Revision Details
REVISIONS			

PROJECT
**PROPOSED G + 4
 RESIDENTIAL BUILDING
 ON PLOT NO. RB-80
 DUBAI SOUTH , UAE**



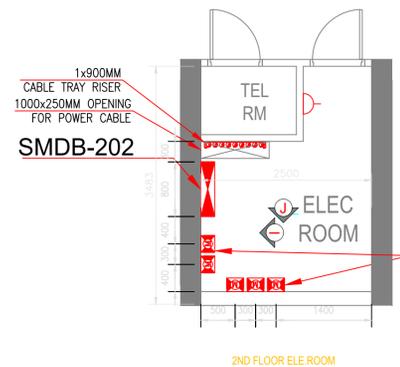
MAIN CONSULTANT
 National Engineering Bureau
 Architect & Engineering Consultants
 المكتب الهندسي للمهندسين
 P.O.Box 26644, Dubai - United Arab Emirates, Tel: 33120208 Fax: 33124253 E-mail: info@neb.com.ae

MAIN CONTRACTOR
 Vision House Contracting LLC
 P.O BOX: 1909, DUBAI, U.A.E
 TEL: 042343355 FAX: 042343377
 E-mail: vision.housellc@gmail.com

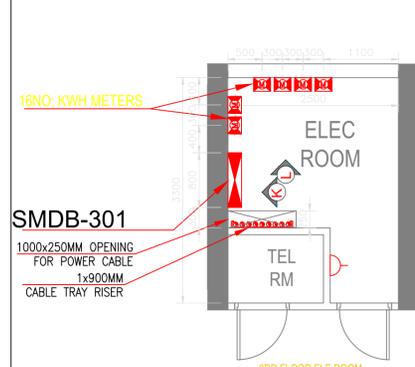
MEP CONTRACTOR
 ELECTRIC CIRCLE TECHNICAL SERVICES LLC
 P.O BOX: 232522, DUBAI, U.A.E.
 TEL: 042871919
 FAX: 042870909
 MOBILE: 0556452851
 EMAIL: landexmep@gmail.com

DRAWING TITLE
ELECTRICAL ROOM DETAILS

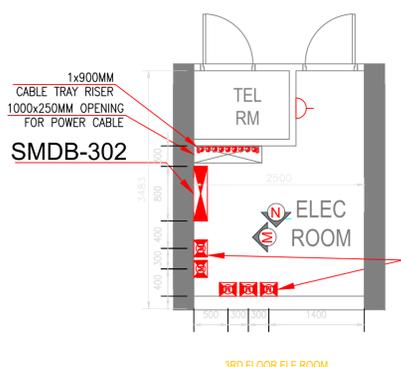
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File Ref.	Drawing No.	Scale	
	RB-80/E-02/1	NTS	
Project No.		Revision	
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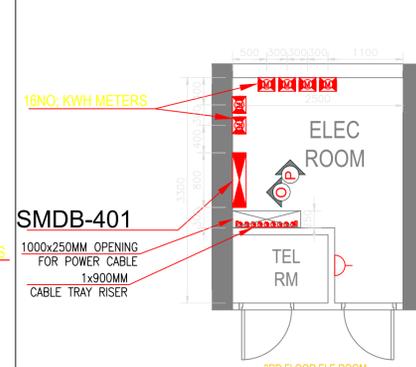
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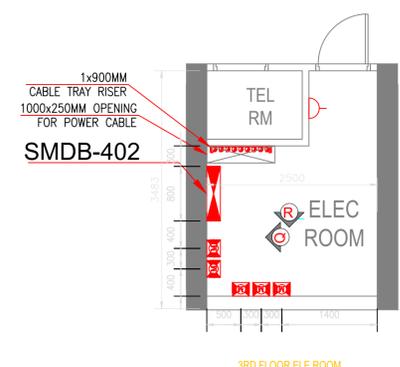
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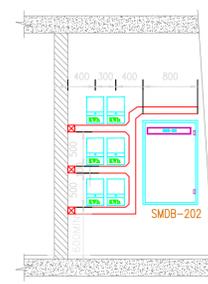
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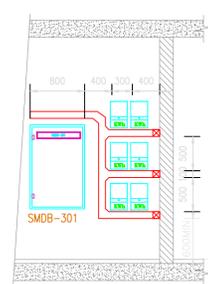
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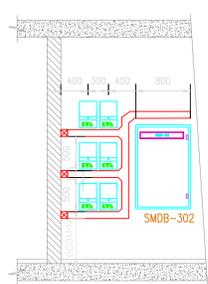
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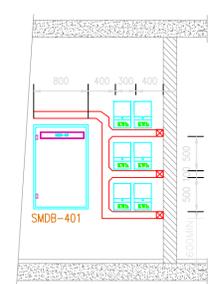
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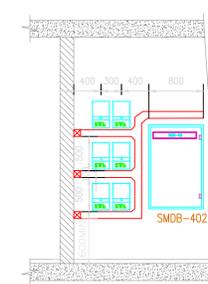
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3RD FLOOR ELE ROOM ELEVATION - M



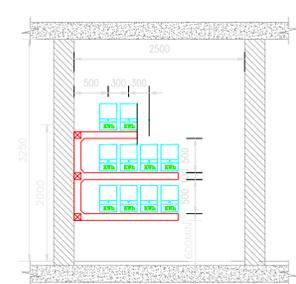
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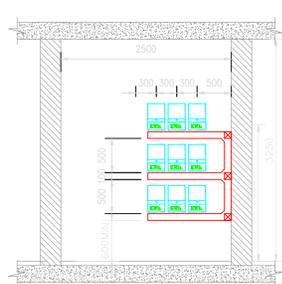
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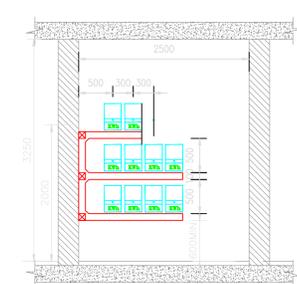
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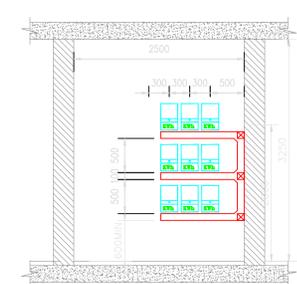
3RD FLOOR ELE ROOM ELEVATION - L



3RD FLOOR ELE ROOM ELEVATION - N



4TH FLOOR ELE ROOM ELEVATION - P



4TH FLOOR ELE ROOM ELEVATION - R

No.	Date	By	Revision Details
REVISIONS			

PROJECT
PROPOSED G + 4 RESIDENTIAL BUILDING ON PLOT NO. RB-80 DUBAI SOUTH , UAE

CLIENT

MAIN CONSULTANT

MAIN CONTRACTOR

MEP CONTRACTOR
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 MOBILE: 0556452851
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DRAWING TITLE
ELECTRICAL ROOM DETAILS

Status	Drawn R.A.	Checked R.A.	Date 31-JAN-2020
File Ref.	Drawing No.	Scale	NTS
Project No.	RB-80/E-02/2	Revision	