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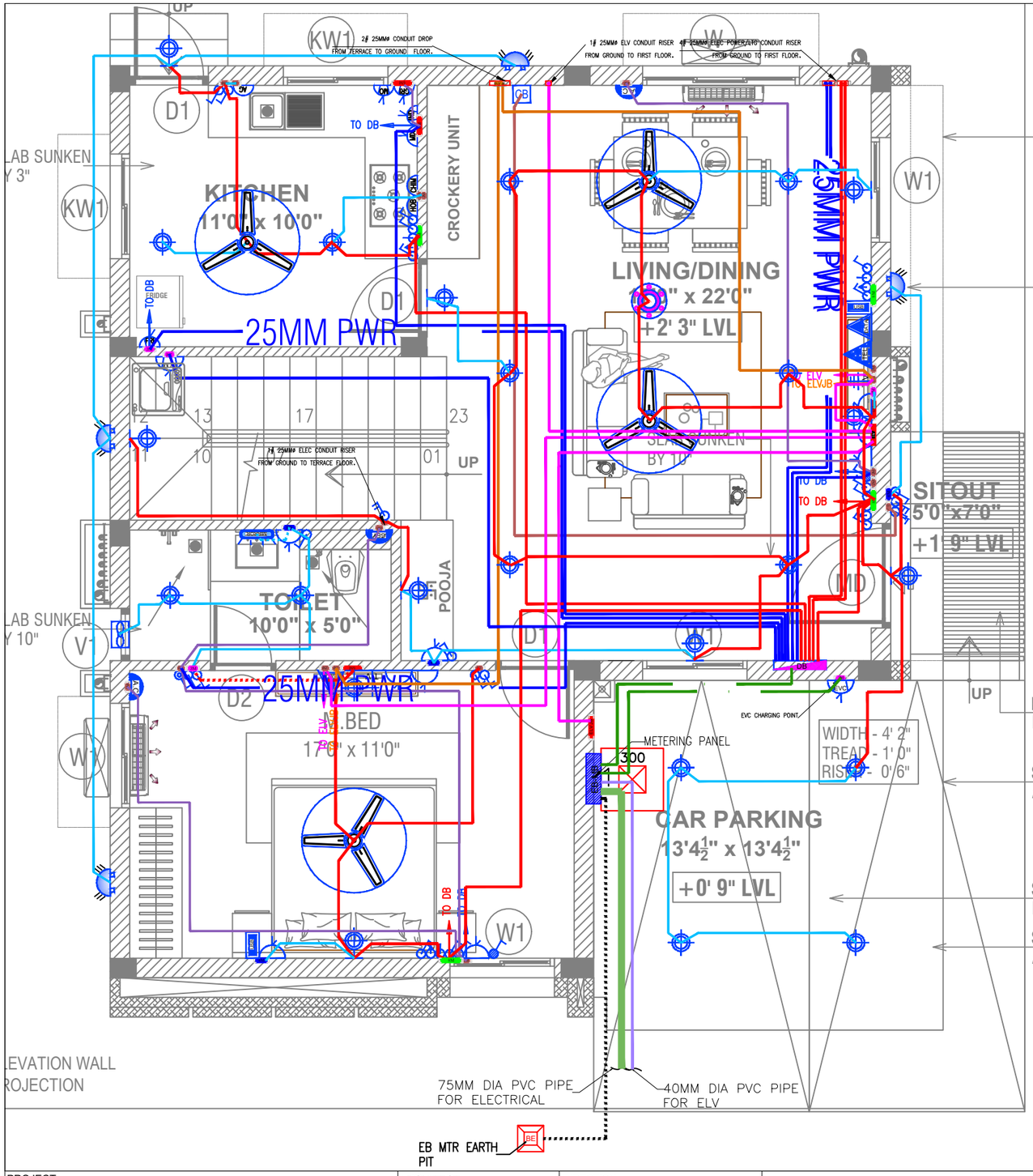
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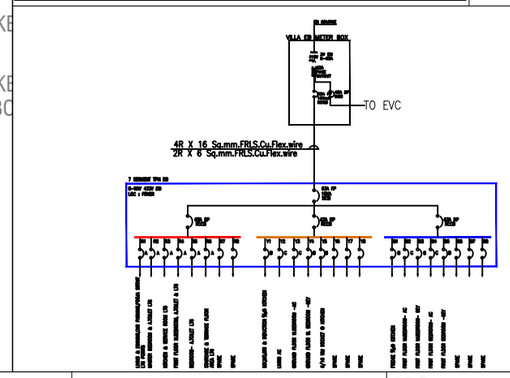


ELECTRICAL MOUNTING HEIGHTS		
	Fixture	Mounting Height (mm)B.O.FFL
1	Main Switch Board	1200mm
2	6A Socket	450mm
3	Wall Bracket Light	2250mm
4	Bedside Switch Board	600mm
5	25A AC Socket	2250mm
6	Telephone / TV – Bedroom	600mm
7	Telephone / TV – Other Rooms	600mm
8	Communication Junction Box	2250mm
9	Distribution Board	1200mm
10	Fridge 16A Socket With Switch	1500mm
11	Kitchen 16A Socket	1150mm
12	Foot Lamp	300mm
13	Call Bell Buzzer	2300mm
14	16A Geyser Socket	2400mm
15	16A Geyser Switch	1200mm
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17	6A Socket For Aqua Guard	1800mm
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22	Call Bell Switch	1200mm
23	Exhaust Fan Point–Toilet	2350mm
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25	HOB Point	450mm
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ABBREVIATION:

AG	–	AQUA GUARD
A/C	–	AIR CONDITIONING
CHIM	–	CHIMNEY
DB	–	DISTRIBUTION BOARD
FRI	–	FRIDGE
GEY	–	GEYSER
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MO	–	MICROWAVE OVEN
TV	–	TELEVISION
WM	–	WASHING MACHINE
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WIRING SCHEDULE
A–10A MCB 'A' CURVE 2R x 2.5SQ.MM & 1R x 1.5SQ.MM SECONDRY 3R x1SQ.MM FOR LIGHTING & 6A SMALL POWER SOCKETS
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ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	CEILING LIGHT
	CEILING LIGHT PROVISION FOR RCP
	WALL LIGHT
	BULK HEAD LIGHT
	CHANDELIER LIGHT
	MIRROR LIGHT
	FOOT LAMP
	6A SOCKET
	6A SOCKET WITH SICH
	6/16A SOCKET
	6/16A SOCKET WITH SWITCH
	16A SOCKET FOR GEYSER
	25A SOCKET FOR A/c
	USB CHARGING PORT
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	CEILING FAN 1200MM
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	6A ONE WAY SWITCH
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	ELV JB
	2 MODEL BOX
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	6 MODEL BOX
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	25MM LIGHTING CONDUIT
	19MM LIGHTING CONDUIT
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	19MM POWER CONDUIT
	19MM CALLING BELL CONDUIT
	25MM TELE CONDUIT
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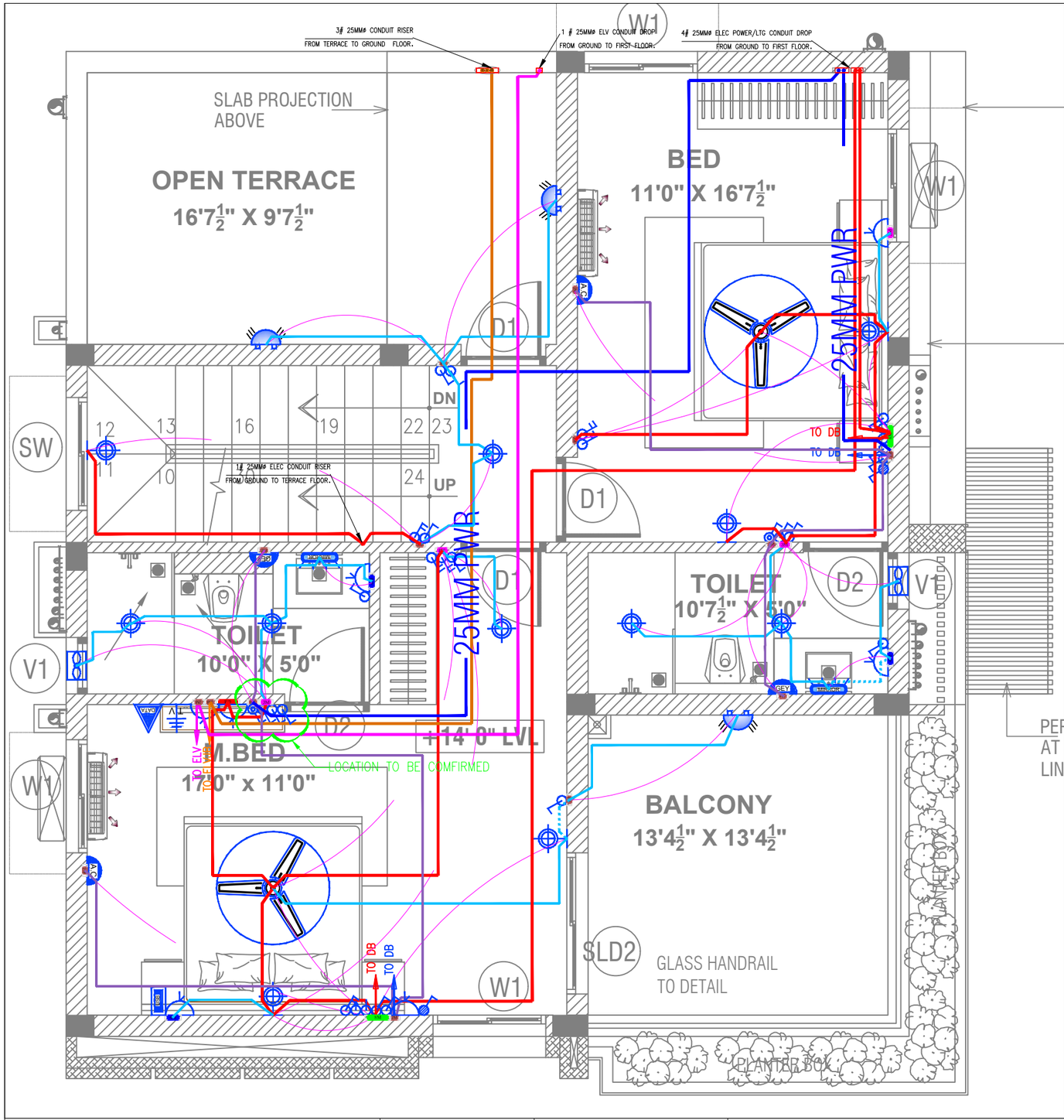
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MEP CONSULTANTS:
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Door No :230,17th Street ,
Defence officers colony,Ekkatuthangal, Chennai-32.
Mail : projects@optimalmep.com
Mail : gobinath@optimalmep.com
Ph : 044-45096428

TITLE:
SOUTH FACING VILLA - 12 GROUND FLOOR ELE . CONDUIT LAYOUT

PROJECT CODE :				PROJECT NAME :		
	NAME	SIGN	DATE	SCALE	SUBMITTED FOR	
PREP. BY	AJ		13.03.2024	1:100	APPROVAL ✓	TENDER / GFC
CHKD. BY	B.K			A1		
APP. BY	R.G			PROJECT NO.	DWG. NO.	REV.
						R0



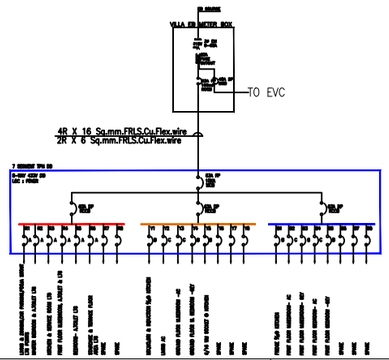
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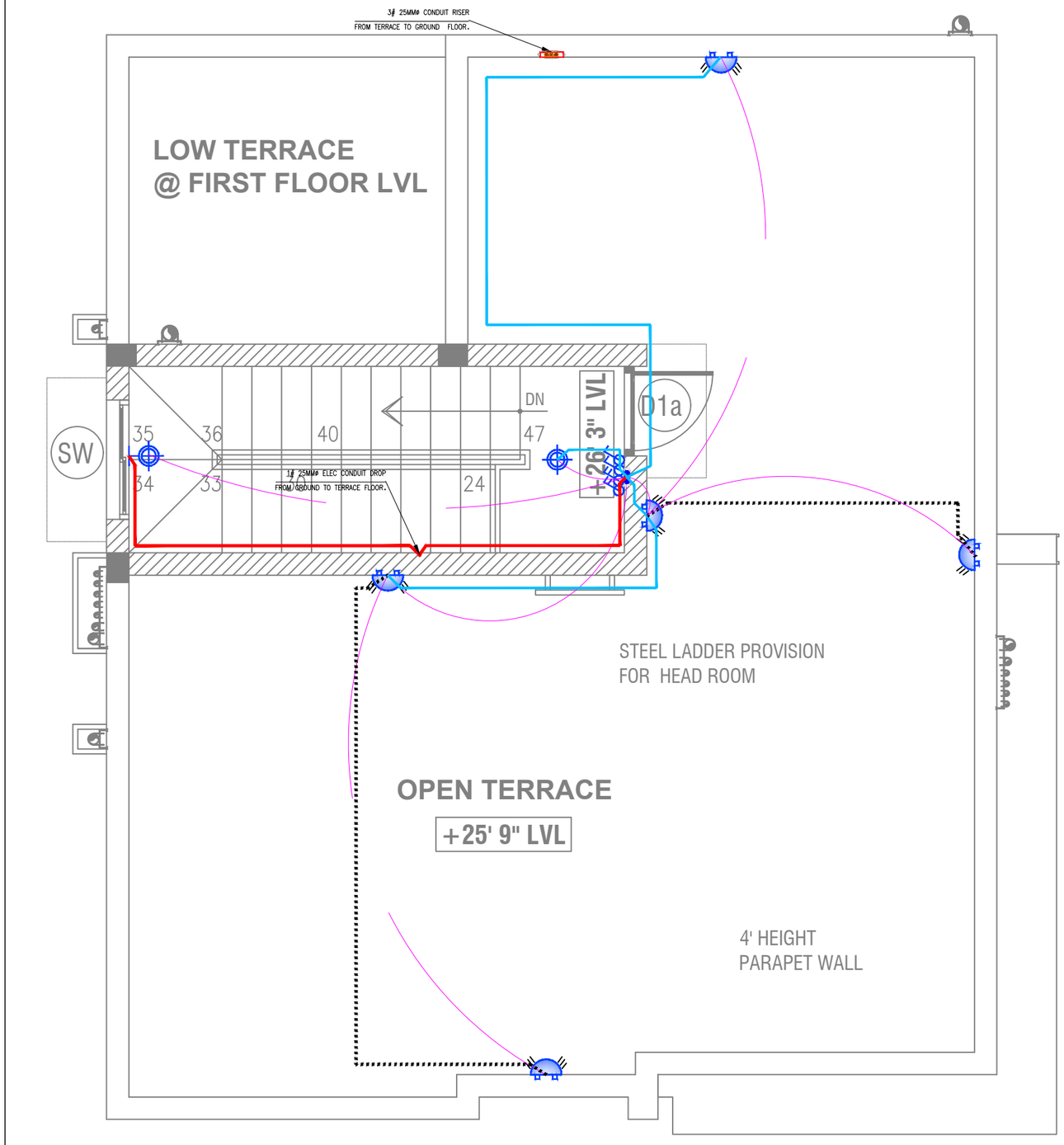
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Ph : 044-45096428

TITLE:
SOUTH FACING VILLA - 12 FIRST FLOOR ELE CONDUIT LAYOUT

PROJECT CODE :					PROJECT NAME :		
	NAME	SIGN	DATE	SCALE	SUBMITTED FOR		
PREP. BY	AJ		13.03.2024	1:100	APPROVAL	TENDER	GFC
CHKD. BY	B.K			A1	✓		
APP. BY	R.G			PROJECT NO.	DWG. NO.		REV.
							R0



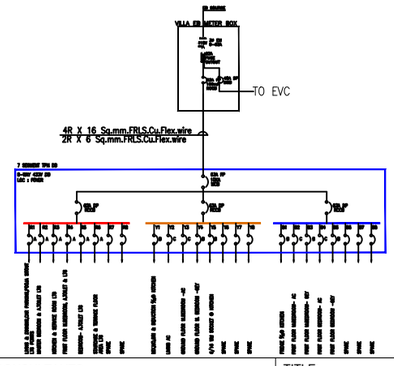
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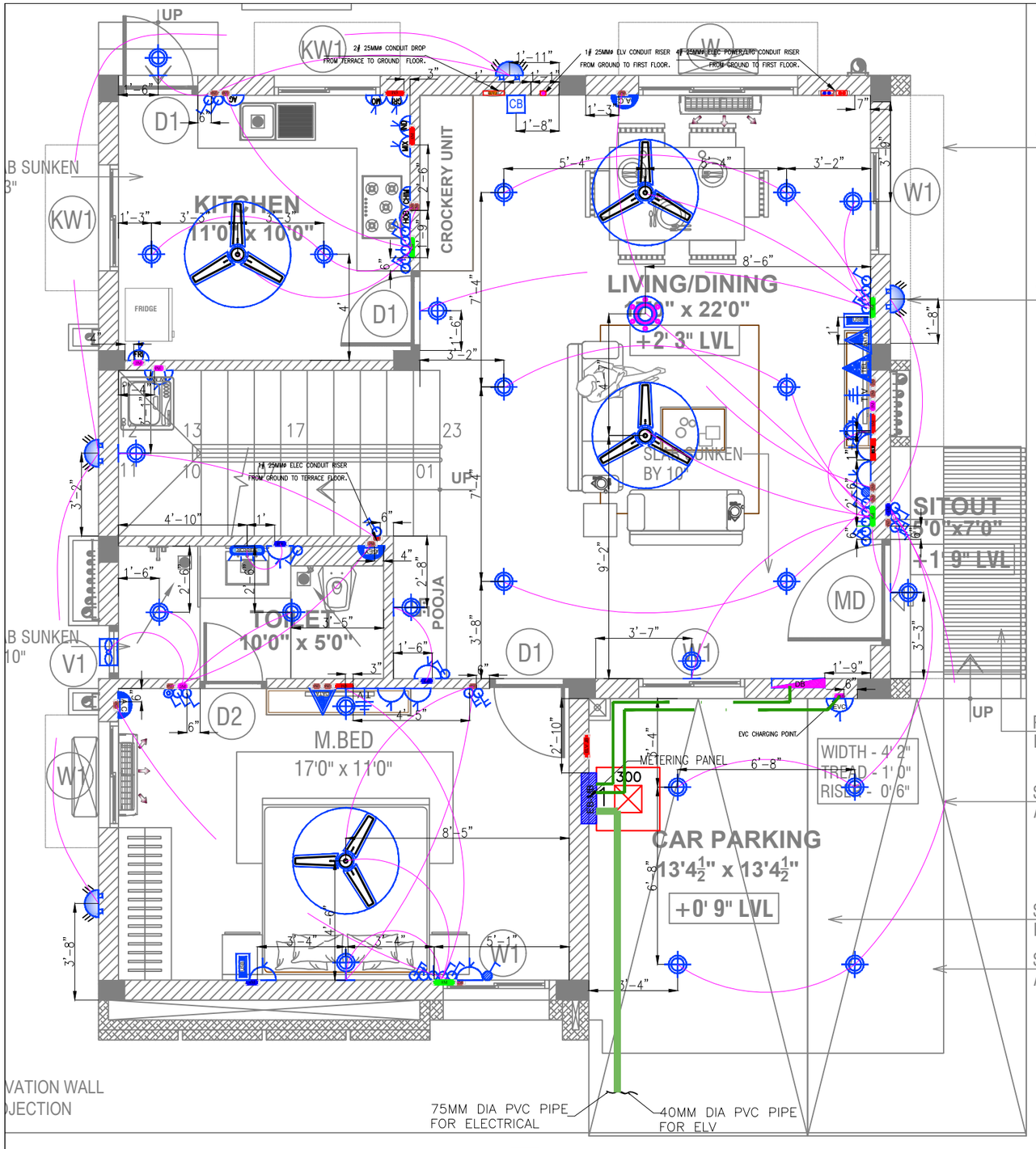
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TITLE:
SOUTH FACING VILLA - 12 TERRACE
FLOOR ELE CONDUIT LAYOUT

PROJECT CODE :				PROJECT NAME :			
	NAME	SIGN	DATE	SCALE	SUBMITTED FOR		
PREP. BY	AJ		13.03.2024	1:100	APPROVAL	TENDER	GFC
CHKD. BY	B.K			A1	✓		
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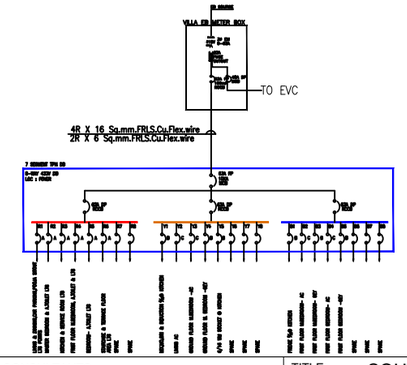


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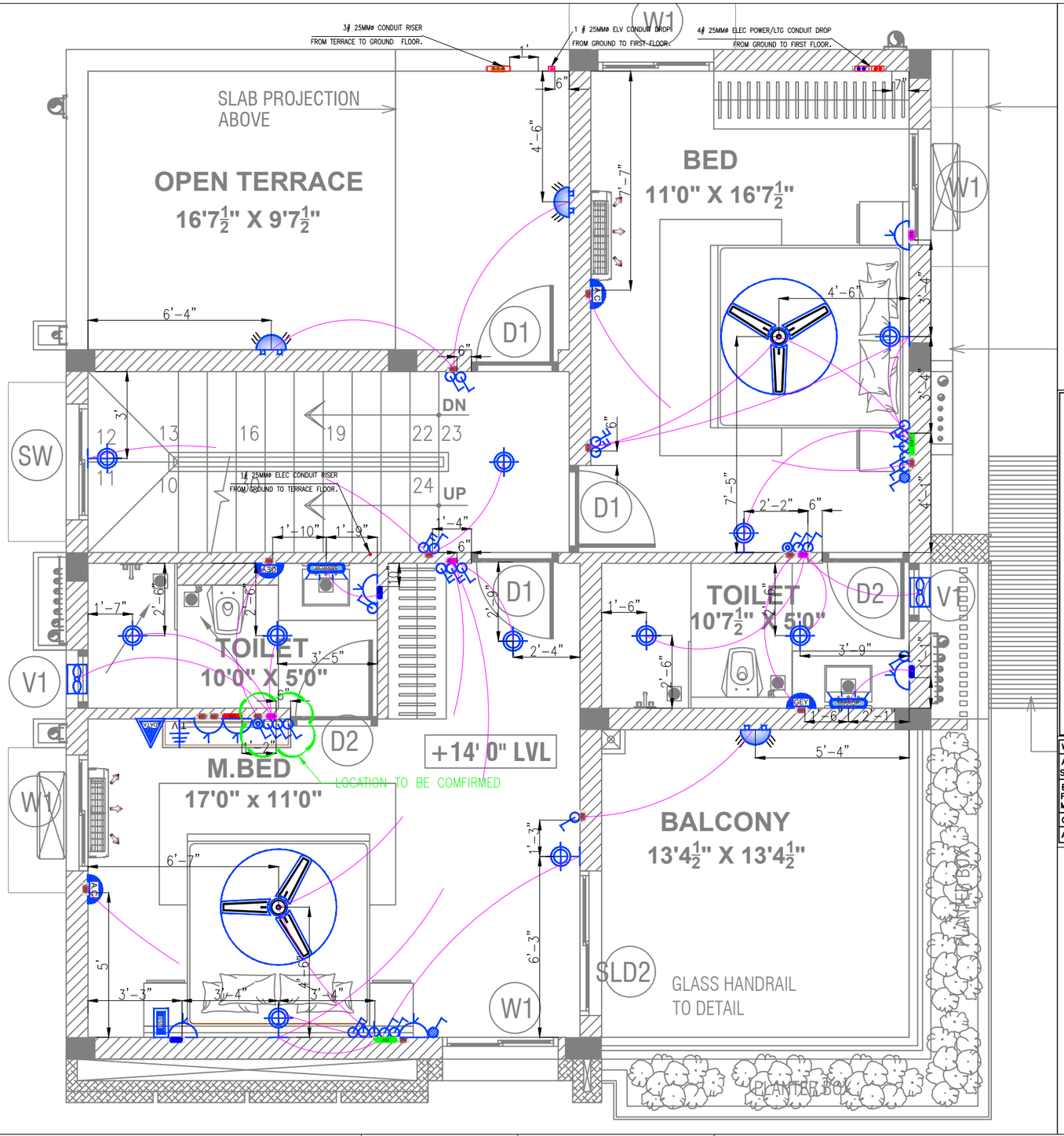
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TITLE: SOUTH FACING VILLA - 12 GROUND FLOOR ELE POINTS & DIMENSION SWITCH CONTROL LAYOUT

PROJECT CODE :			PROJECT NAME :		
	NAME	SIGN	DATE	SCALE	SUBMITTED FOR
PREP. BY	AJ		13.03.2024	1:100	APPROVAL / TENDER / GFC
CHKD. BY	B.K			A1	✓
APP. BY	R.G			PROJECT NO.	DWG. NO. / REV. R0



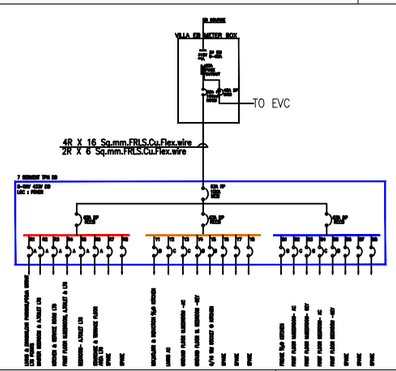
ELECTRICAL MOUNTING HEIGHTS		
	Fixture	Mounting Height (mm)B.O.FFL
1	Main Switch Board	1200mm
2	6A Socket	450mm
3	Wall Bracket Light	2250mm
4	Bedside Switch Board	600mm
5	25A AC Socket	2250mm
6	Telephone / TV – Bedroom	600mm
7	Telephone / TV – Other Rooms	600mm
8	Communication Junction Box	2250mm
9	Distribution Board	1200mm
10	Fridge 16A Socket With Switch	1500mm
11	Kitchen 16A Socket	1150mm
12	Foot Lamp	300mm
13	Call Bell Buzzer	2300mm
14	16A Geyser Socket	2400mm
15	16A Geyser Switch	1200mm
16	Mirror Light – Wash Basin	1950mm
17	6A Socket For Aqua Guard	1800mm
18	6A Socket For Chimney	2100mm
19	Internet Socket (Near TV)	600mm
20	Internet Socket (Other Location)	600mm
21	16A Socket and Switch for W/M	1150mm
22	Call Bell Switch	1200mm
23	Exhaust Fan Point–Toilet	2350mm
24	Exhaust Fan Switch	1200mm
25	HOB Point	450mm
26	Bedside AC Switch –25A	600mm

ABBREVIATION:

AG	–	AQUA GUARD
A/C	–	AIR CONDITIONING
CHIM	–	CHIMNEY
DB	–	DISTRIBUTION BOARD
FRI	–	FRIDGE
GEY	–	GEYSER
GRI	–	GRINDER
MIXI	–	MIXER
MO	–	MICROWAVE OVEN
TV	–	TELEVISION
WM	–	WASHING MACHINE
JUI	–	JUICER

WIRING SCHEDULE
A–10A MCB 'A' CURVE 2R x 2.5SQ.MM & 1R x 1.5SQ.MM SECONDRY 3R x1SQ.MM FOR LIGHTING & 6A SMALL POWER SOCKETS
B–16A MCB 'B' CURVE 2R x 2.5SQ.MM & 1R x 1.5SQ.MM FOR REFRIGERATOR, WASHING MACHINE, DRYER, DISH WASHER, MICROWAVE OVEN, GRINDER & GEYSER
C–25A MCB 'C' CURVE 2R x 4SQ.MM & 1R x 2.5SQ.MM FOR A/C
ALL ARE COPPER FRLS FLEXIBLE WIRE

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	CEILING LIGHT
	CEILING LIGHT PROVISION FOR RCP
	WALL LIGHT
	BULK HEAD LIGHT
	CHANDELIER LIGHT
	MIRROR LIGHT
	FOOT LAMP
	6A SOCKET
	6A SOCKET WITH SICH
	6/16A SOCKET
	6/16A SOCKET WITH SWITCH
	16A SOCKET FOR GEYSER
	25A SOCKET FOR A/c
	USB CHARGING PORT
	TELEPHONE OUTLET – RJ11
	DATA OUTLET– RJ45
	INTERCOM OUTLET
	TV OUTLET – RG6
	CEILING FAN 1200MM
	CEILING FAN 600MM
	EXHAUST FAN
	6A ONE WAY SWITCH
	6A TWO WAY SWITCH
	16A SINGLE POLE SWITCH
	25A SINGLE POLE SWITCH
	FAN REGULATOR & SWITCH – STEPPED TYPE
	BELL PUSH
	CALLING BELL / VIDEO DOOR PHONE
	DISTRIBUTION BOARD
	ELV JB
	2 MODEL BOX
	3 MODEL BOX
	4 MODEL BOX
	6 MODEL BOX
	8 MODEL BOX
	25MM LIGHTING CONDUIT
	19MM LIGHTING CONDUIT
	25MM FLOOR CONDUIT
	25MM POWER CONDUIT
	19MM POWER CONDUIT
	19MM CALLING BELL CONDUIT
	25MM TELE CONDUIT
	25MM TV CONDUIT
	32MM MAIN CONDUIT



CONDUIT SCHEDULE			
CROSS SECTION AREA OF WIRE	MAX. NO. OF WIRES IN CONDUIT		
	20ø	25ø	32ø
1.5 SQ.MM	5	10	14
2.5 SQ.MM	5	8	12
4 SQ.MM	3	7	10
6 SQ.MM	2	5	8
10 SQ.MM	–	3	5

SWITCH BOX	DIMENSIONS ARE IN MM		
	L x	H x	D
1&2 MODULE	75	79	46
3 MODULE	99	79	46
4 MODULE	135	79	52
6 MODULE	207	79	52
8 MODULE	230	79	52
DB	617	715	80

PROJECT:
Proposed Villa for
M/s. Naaval Sunshine @ Salem

CLIENT:
M/s. Naaval Properties @ Salem

ARCHITECT:
CHETTINAAD DESIGN
Architecture | Interior Design | Master Planning.
31 / 14 Cenotaph Road, 1st Street, Alwarpet,Chennai -600 018.
Phone : +91-44-43 43 43 43
info@chettinaaddesign.com,chettinaaddesign@gmail.com
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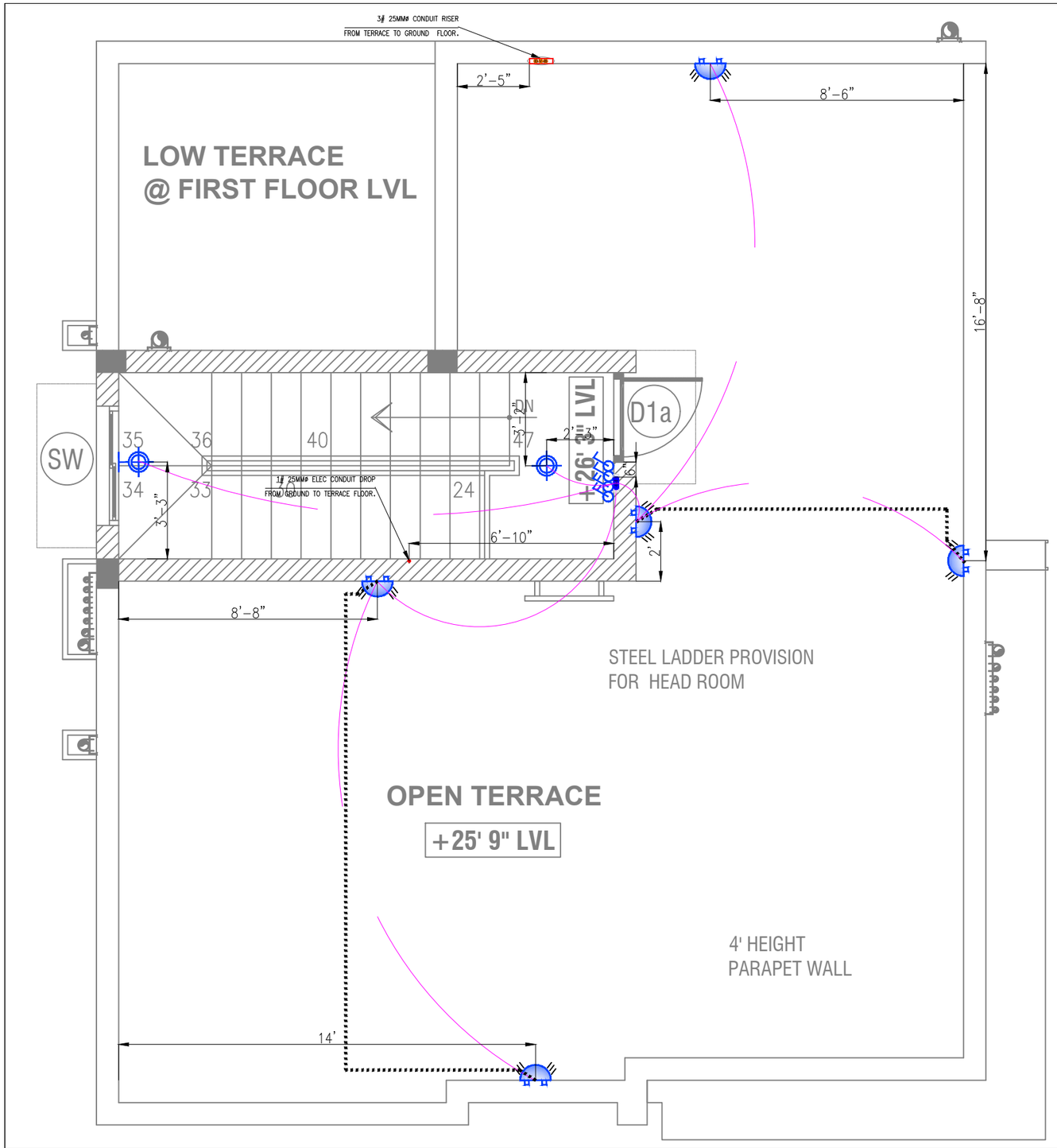
DIRECTION: N

REV.NO.	DATE	DESCRIPTION	APP. BY
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MEP CONSULTANTS:
Optimal MEP Consultants
Door No :230,17th Street ,
Defence officers colony,Ekkatuthangal, Chennai-32.
Mail : projects@optimalmep.com
Mail : gobinath@optimalmep.com
Ph : 044-45096428

TITLE:
SOUTH FACING VILLA - 12 FIRST FLOOR ELE POINT & SWITCH CONTROL LAYOUT

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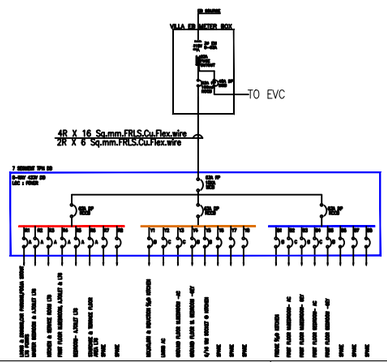
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