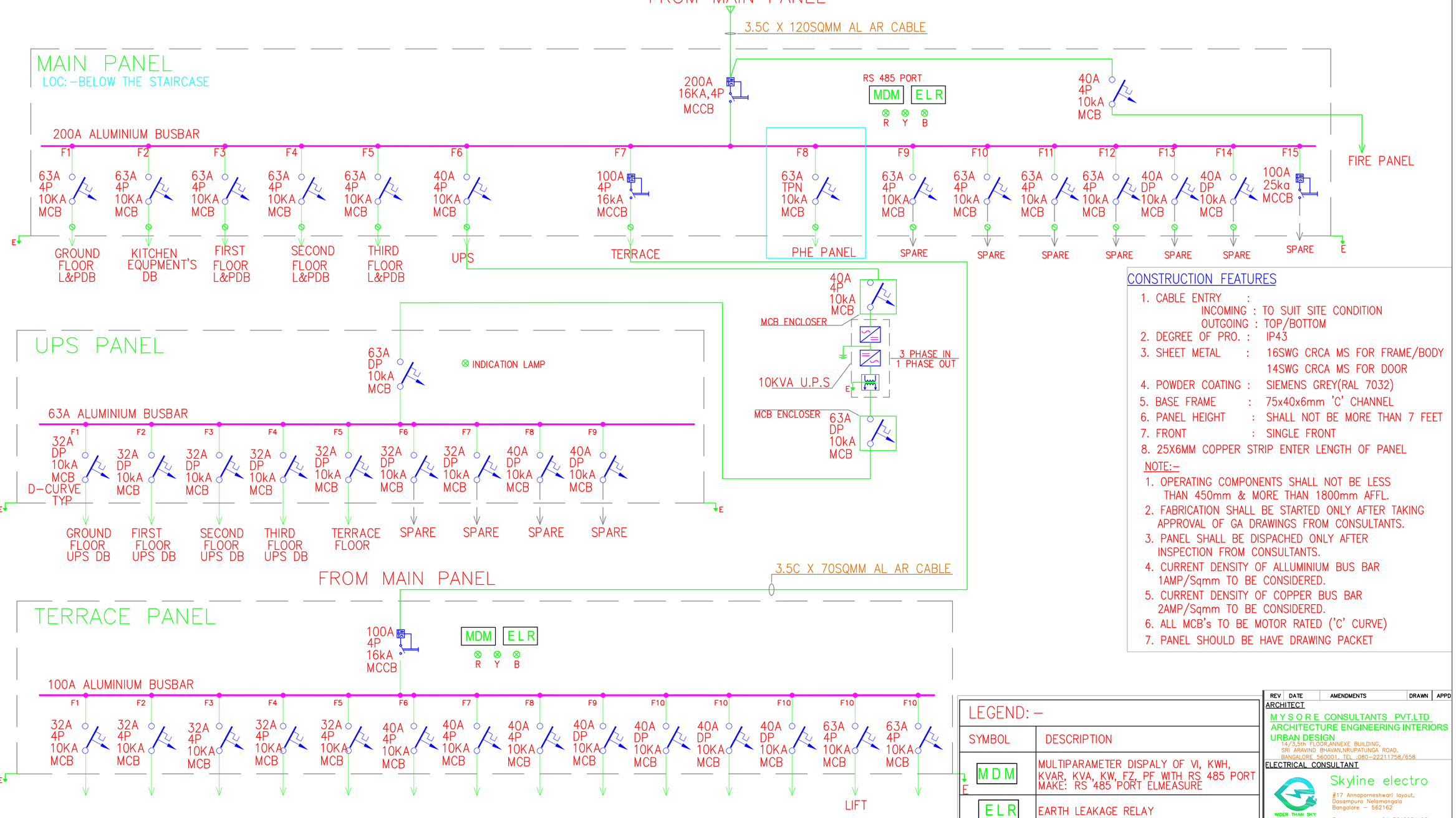

CONSTRUCTION FEATURES

1. CABLE ENTRY :
   INCOMING : TO SUIT SITE CONDITION
   OUTGOING : TOP/BOTTOM
2. DEGREE OF PRO. : IP43
3. SHEET METAL : 16SWG CRCA MS FOR FRAME/BODY
   14SWG CRCA MS FOR DOOR
4. POWDER COATING : SIEMENS GREY(RAL 7032)
5. BASE FRAME : 75x40x6mm 'C' CHANNEL
6. PANEL HEIGHT : SHALL NOT BE MORE THAN 7 FEET
7. FRONT : SINGLE FRONT
8. 25X6MM COPPER STRIP ENTER LENGTH OF PANEL

NOTE:-

1. OPERATING COMPONENTS SHALL NOT BE LESS THAN 450mm & MORE THAN 1800mm AFFL.
2. FABRICATION SHALL BE STARTED ONLY AFTER TAKING APPROVAL OF GA DRAWINGS FROM CONSULTANTS.
3. PANEL SHALL BE DISPACHED ONLY AFTER INSPECTION FROM CONSULTANTS.
4. CURRENT DENSITY OF ALLUMINIUM BUS BAR 1AMP/Sqmm TO BE CONSIDERED.
5. CURRENT DENSITY OF COPPER BUS BAR 2AMP/Sqmm TO BE CONSIDERED.
6. ALL MCB's TO BE MOTOR RATED ('C' CURVE)
7. PANEL SHOULD BE HAVE DRAWING PACKET

A.)Power cable Uninyvin cable
B) bus bar – EC grade aluminium(Jindal /endalka
C)control cable –FRLS
D)Terminal block(AC DC converter) – AGA
E)LUGS – 3D
F)Sheet metal –Jindhal /Tata
G)Powder coated / 7 Tank process
H)CPRI test certificate must have panel vendor (short circute test cerificat 50kA)
I)Panel vendor have ISO certification
j)HV TEST MUST

LEGEND:-

SYMBOL	DESCRIPTION
MDM	MULTIPARAMETER DISPALY OF VI, KWH, KVAR, KVA, KW, FZ, PF WITH RS 485 PORT MAKE: RS 485 PORT ELMEASURE
E L R	EARTH LEAKAGE RELAY
⊘	POWER TERMINAL BLOCK
⊗	INDICATING LAMP (LED TYPE)
	MENIATURE CIRCUIT BREAKER
	BUSBAR

ISSUES PURPOSE
FOR REVIEW

REV	DATE	AMENDMENTS	DRAWN	APPD

ARCHITECT
M Y S O R E CONSULTANTS PVT.LTD
ARCHITECTURE ENGINEERING INTERIORS
URBAN DESIGN
14/3,5th FLOOR,ANNEXE BUILDING,
SRI ARAVIND BHAVAN,NRUPATUNGA ROAD,
BANGALORE 560001. TEL :080-22211758/658

ELECTRICAL CONSULTANT
Skyline electro
WIDER THAN SKY
#17 Annapornesnwari layout,
Dasampura Nelamangala
Bangalore – 562162
Tel : +91 7019934428
Web : www.skylineelectro.com

PROJECT TITLE
PROPOSED GIRL'S HOSTEL BUILDING FOR RASHTROTTHANA PARISHAT AT MADHAVANAGAR,MUMMIGATTI

DRAWING TITLE
HOSTEL BLOCK SINGLE LINE DIAGRAM

DRAWN	PR	DATE :	15.12.2025
DESIGNED	MAHENDRA	SCALE :	NTS
JOB No		SHEET:	A3
SKY/2025/SE337		DRAWING No : SE337-E-SLD-01	REV R0

"This document is a confidential property of the Skyline electro. We reserve all rights of this document & the information contained. Reproduction, use or disclosure of information in total or a part of it to the third party or to any unauthorized person is strictly forbidden & is liable for prosecution.– SKYLINE ELECTRO