

PROJECT :

**IVF CENTER IN
THIRD FLOOR OF
MODERN GOVERNMENT
MATERNITY HOSPITAL AT
PETLABURZ, HYDERABAD,
TELANGANA STATE.**

CONTRACTOR :

**ASTA VARDHMAN
CONSORTIUM**

CLIENT :

**TELANGANA STATE MEDICAL
SERVICES AND INFRASTRUCTURE
DEVELOPMENT CORPORATION.**

END USER :

EXECUTIVE ENGINEER :

SUPERINTENDING ENGINEER :

CHIEF ENGINEER:

TITLE :

**LIGHTING DB DISTRIBUTION
DETAILS LAYOUT**

DATE	02.12.2023	DWG. No.:	
DRAWN	RAM	MECS/23/PB/ELE/07	
CHECKED	P.V.N.B	REV	R7
APPROVED	P.V.N.B	SCALE	NTS

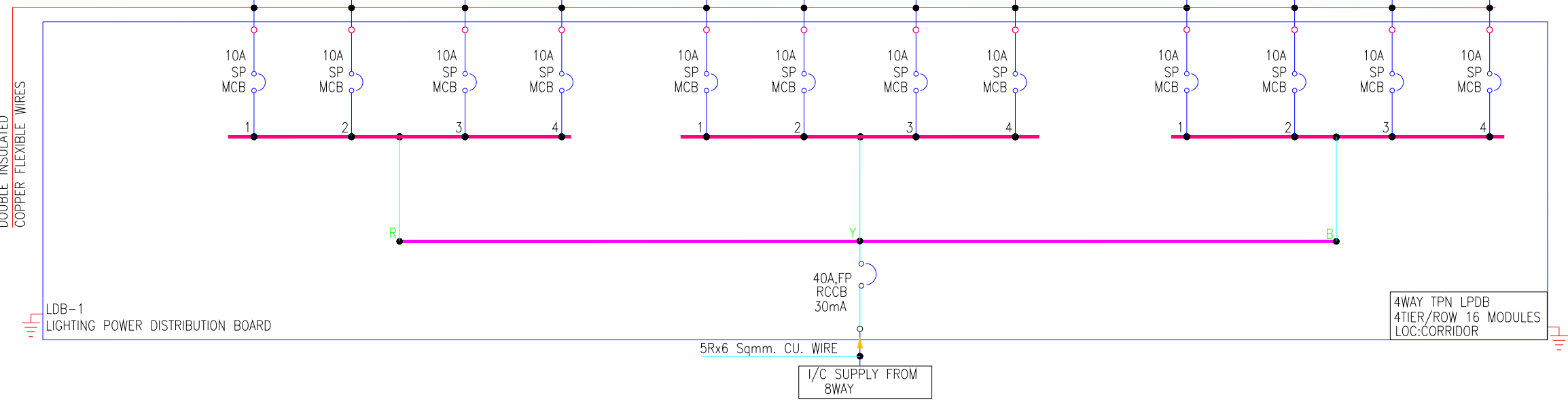
CONTRACTOR :



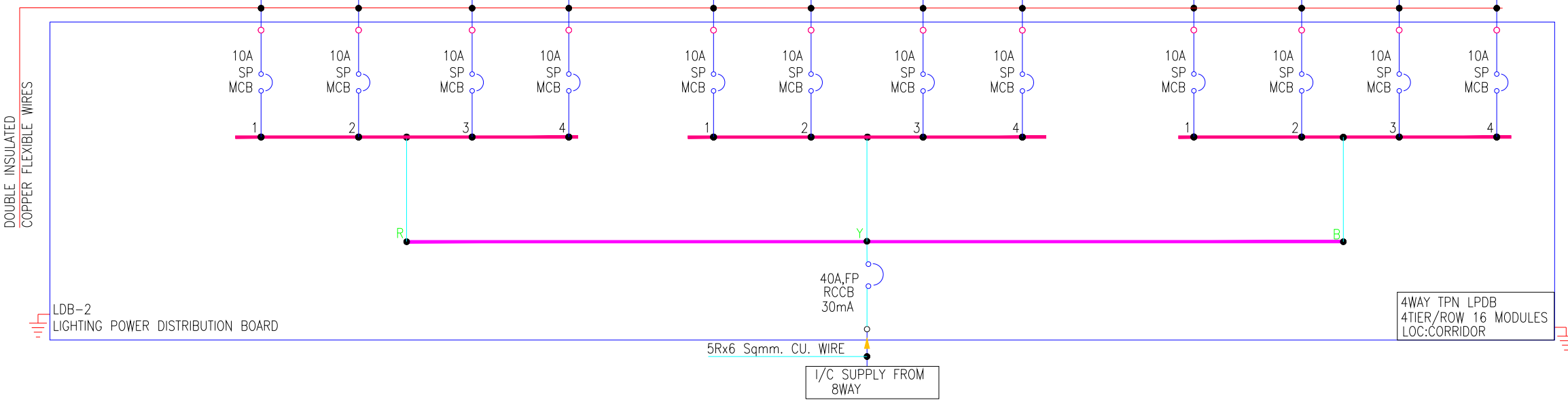
M/s Asta Vardhman Consortium
H. NO. 8-2-334/27, Plot No. 27,
Road No. 03, Banjara Hills,
Hyderabad - 500034



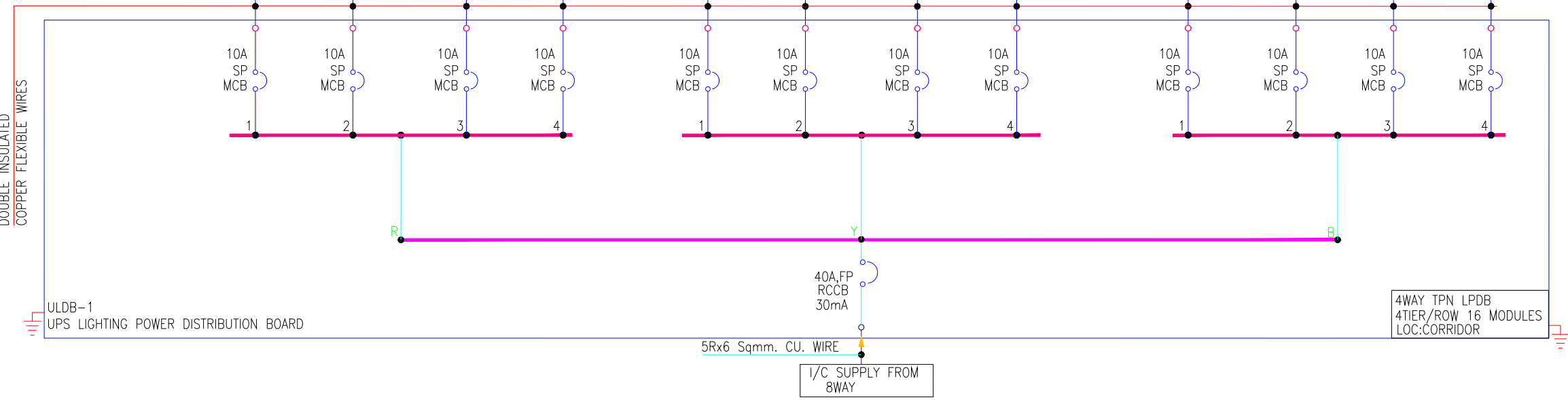
TOTAL 3 PHASE LOAD = 0.8KW														
TOTAL LOAD 'R', 'Y', 'B' PHASE = 420+468+462=1350 WATTS=1.35KW														
TOTAL WATTS : 420W				468W				462W						
WATTS	132	120	168	SPARE		96	168	204	SPARE		168	120	174	SPARE
CABLE SIZE	3RX2.5	3RX2.5	3RX2.5			3RX2.5	3RX2.5	3RX2.5			3RX2.5	3RX2.5	3RX2.5	
OUTGOING	SB-1 SB-2	SB-7 SB-8	SB-15 SB-16			SB-3 SB-4	SB-9 SB-10	SB-17 SB-18			SB-5 SB-6	SB-11 TO SB-14	SB-19 TO SB-21	
	LDB1/R1	LDB1/R2	LDB1/R3	LDB1/R4		LDB1/Y1	LDB1/Y2	LDB1/Y3	LDB1/Y4		LDB1/B1	LDB1/B2	LDB1/B3	LDB1/B4



TOTAL 3 PHASE LOAD = 0.9KW														
TOTAL LOAD 'R', 'Y', 'B' PHASE = 480+432+456=1368 WATTS=1.37KW														
TOTAL WATTS : 480W				432W				456W						
WATTS	144	192	144	SPARE		192	120	132	SPARE		108	216	132	SPARE
CABLE SIZE	3RX2.5	3RX2.5	3RX2.5			3RX2.5	3RX2.5	3RX2.5			3RX2.5	3RX2.5	3RX2.5	
OUTGOING	SB-22 SB-23	SB-28	SB-33 TO SB-35			SB-24	SB-25 TO SB-27	SB-36			SB-29 SB-30	SB-31 SB-32	SB-37	
	LDB2/R1	LDB2/R2	LDB2/R3	LDB2/R4		LDB2/Y1	LDB2/Y2	LDB2/Y3	LDB2/Y4		LDB2/B1	LDB2/B2	LDB2/B3	LDB2/B4



TOTAL 3 PHASE LOAD = 0.4KW												
TOTAL LOAD 'R', 'Y', 'B' PHASE = 228+240+252=720 WATTS=0.7KW												
TOTAL WATTS : 228W				240W				252W				
WATTS	72	84	72		96	72	72		96	72	84	
CABLE SIZE	3RX2.5	3RX2.5	3RX2.5		3RX2.5	3RX2.5	3RX2.5		3RX2.5	3RX2.5	3RX2.5	
OUTGOING	ESB-1 TO ESB-2	ESB-11 TO ESB-13	SB-19 SB-20		ESB-3 TO ESB-6	ESB-14 TO ESB-16	ESB-21 TO ESB-22		ESB-7 TO ESB-10	ESB-17 ESB-18	SB-23 TO SB-25	
	ULDB1/R1	ULDB1/R2	ULDB1/R3	ULDB1/R4	ULDB1/Y1	ULDB1/Y2	ULDB1/Y3	ULDB1/Y4	ULDB1/B1	ULDB1/B2	ULDB1/B3	ULDB1/B4



TOTAL 3 PHASE LOAD = 0.6KW												
TOTAL LOAD 'R', 'Y', 'B' PHASE = 360+372+384=1116 WATTS=1.1KW												
TOTAL WATTS : 360W				372W				384W				
WATTS	252	84	24		252	72	48		252	72	60	
CABLE SIZE	3RX2.5	3RX2.5	3RX2.5		3RX2.5	3RX2.5	3RX2.5		3RX2.5	3RX2.5	3RX2.5	
OUTGOING	ESB-26	ESB-29 ESB-30	ESB-37		ESB-27	ESB-31 TO ESB-33	ESB-38 TO ESB-39		ESB-28	ESB-34 TO ESB-36	ESB-40	
	ULDB2/R1	ULDB2/R2	ULDB2/R3	ULDB2/R4	ULDB2/Y1	ULDB2/Y2	ULDB2/Y3	ULDB2/Y4	ULDB2/B1	ULDB2/B2	ULDB2/B3	ULDB2/B4

