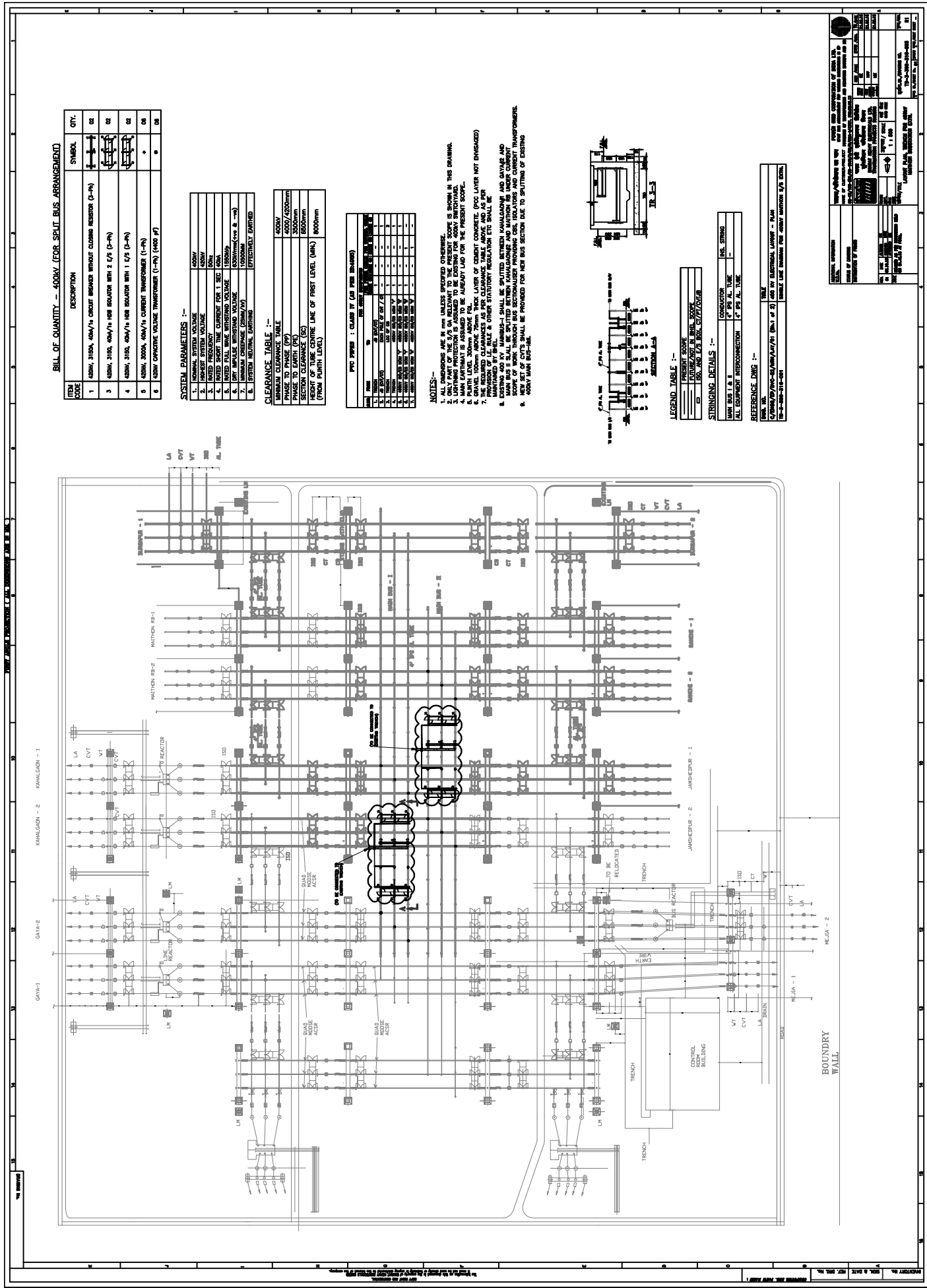




BILL OF QUANTITY - 400KV (FOR SPLIT BUS ARRANGEMENT)

ITEM CODE	DESCRIPTION	SYMBOL	QTY.
1	400KV, 315KA, 40MVA CIRCUIT BREAKER WITHOUT CLAMP RESISTOR (3-Ph)		02
3	400KV, 315KA, 40MVA/1% HVB SPLITTER WITH 2 1/2 (3-Ph)		02
4	400KV, 315KA, 40MVA/1% HVB SPLITTER WITH 1 1/2 (3-Ph)		02
5	400KV, 300KA, 40MVA/1% CURRENT TRANSFORMER (1-Ph) (4000 #)		08
6	400KV CONCRETE VOLTAGE TRANSFORMER (1-Ph) (4000 #)		02

SYSTEM PARAMETERS :-

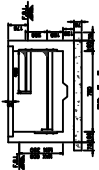
1. NOMINAL SYSTEM VOLTAGE	400KV
2. HIGHEST SYSTEM VOLTAGE	400KV
3. INSTANT FREQUENCY	50Hz
4. MAXIMUM CURRENT FOR 1 SEC	315KA
5. INSTANT FULL WAVE WITHSTANDING VOLTAGE	1550KV
6. INSTANT FULL WAVE WITHSTANDING VOLTAGE	1550KV
7. MINIMUM CHARGE (Coulomb/Min)	1500000
8. SYSTEM RESONANT FREQUENCY	(SPECIFICALLY DEFINED)

CLEARANCE TABLE :-

MINIMUM CLEARANCE TABLE	400KV
PHASE TO PHASE (P-P)	4000/4000mm
PHASE TO EARTH (P-E)	3500mm
HEIGHT OF TOWER (FROM PLINTH LEVEL)	8000mm

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.
2. LIGHTNING PROTECTION IS TO BE PROVIDED FOR ALL EQUIPMENT.
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9. LIGHTNING PROTECTION IS TO BE PROVIDED FOR ALL EQUIPMENT.
10. LIGHTNING PROTECTION IS TO BE PROVIDED FOR ALL EQUIPMENT.



LEGEND TABLE :-

SYMBOL	DESCRIPTION
	BUSBAR
	CIRCUIT BREAKER
	SPLITTER
	CURRENT TRANSFORMER
	VOLTAGE TRANSFORMER

STRINGING DETAILS :-

MAIN BUS I & II	CONDUCTOR	INS. STRING
400KV	400KV	400KV

REFERENCE DIMS :-

400KV/315KA/40MVA/1% (3-Ph)	400KV/315KA/40MVA/1% (3-Ph)
400KV/300KA/40MVA/1% (1-Ph)	400KV/300KA/40MVA/1% (1-Ph)

REVISIONS

NO.	DATE	DESCRIPTION
1	10/10/2020	ISSUED FOR TENDER
2	10/10/2020	ISSUED FOR TENDER
3	10/10/2020	ISSUED FOR TENDER
4	10/10/2020	ISSUED FOR TENDER
5	10/10/2020	ISSUED FOR TENDER
6	10/10/2020	ISSUED FOR TENDER
7	10/10/2020	ISSUED FOR TENDER
8	10/10/2020	ISSUED FOR TENDER
9	10/10/2020	ISSUED FOR TENDER
10	10/10/2020	ISSUED FOR TENDER

APPROVED FOR TENDER

10/10/2020