

Ref: BHE/PW/PUR/TLRPT-CPS/2630/Corg-01

Date: 01/09/2022

To,

ALL BIDDERS,

Sub: Corrigendum-01: Clarification & Issuance of Drawing

JOB Description : PROVIDING CONSTRUCTION POWER SYSTEM INCLUDING DESIGN, PROCUREMENT OF EQUIPMENT, INSTALLATION INCLUDING CIVIL WORKS, ERECTION, TESTING & COMMISSIONING, OPERATION & MAINTENANCE COMPRISING OF 6.6/11KV SUBSTATION, 11 KV POWER DISTRIBUTION MAIN SYSTEM , LINE, AND 11/0.433 KV PACKAGE SUBSTATIONS AND ASSOCIATED ITEMS AS DETAILED IN TECHNICAL SPECIFICATION FOR 2X660MW NTPC TALCHER PROJECT, ORISSA

Sl. No.	E-Tender Specification no.
1	BHE/PW/PUR/TLRPT-CPS/2630

Bidders to kindly take note of the following:

AA) Clarification: Kindly note the clarification under clause no. 8.0.13 of TCC:

" As mentioned in clause no. 8.0.13 regarding maintaining of minimum drawl power factor for the substations, contractor to provide, erect, commissioned the capacitor bank to maintain the minimum drawl power factor as per DISCOM regulation"

BB) Issuance of Drawing: Drawings issued along with this corrigendum. These drawings will be the integral part of tender documents.

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All other Terms and conditions of the Tender Specification shall remain unaltered unless expressly amended by BHEL in writing. Bidders are requested to submit as a part of their offer, a copy of this corrigendum duly Digitally countersigned by the authorized signatory as a token of Bidder's unqualified acceptance of this corrigendum.

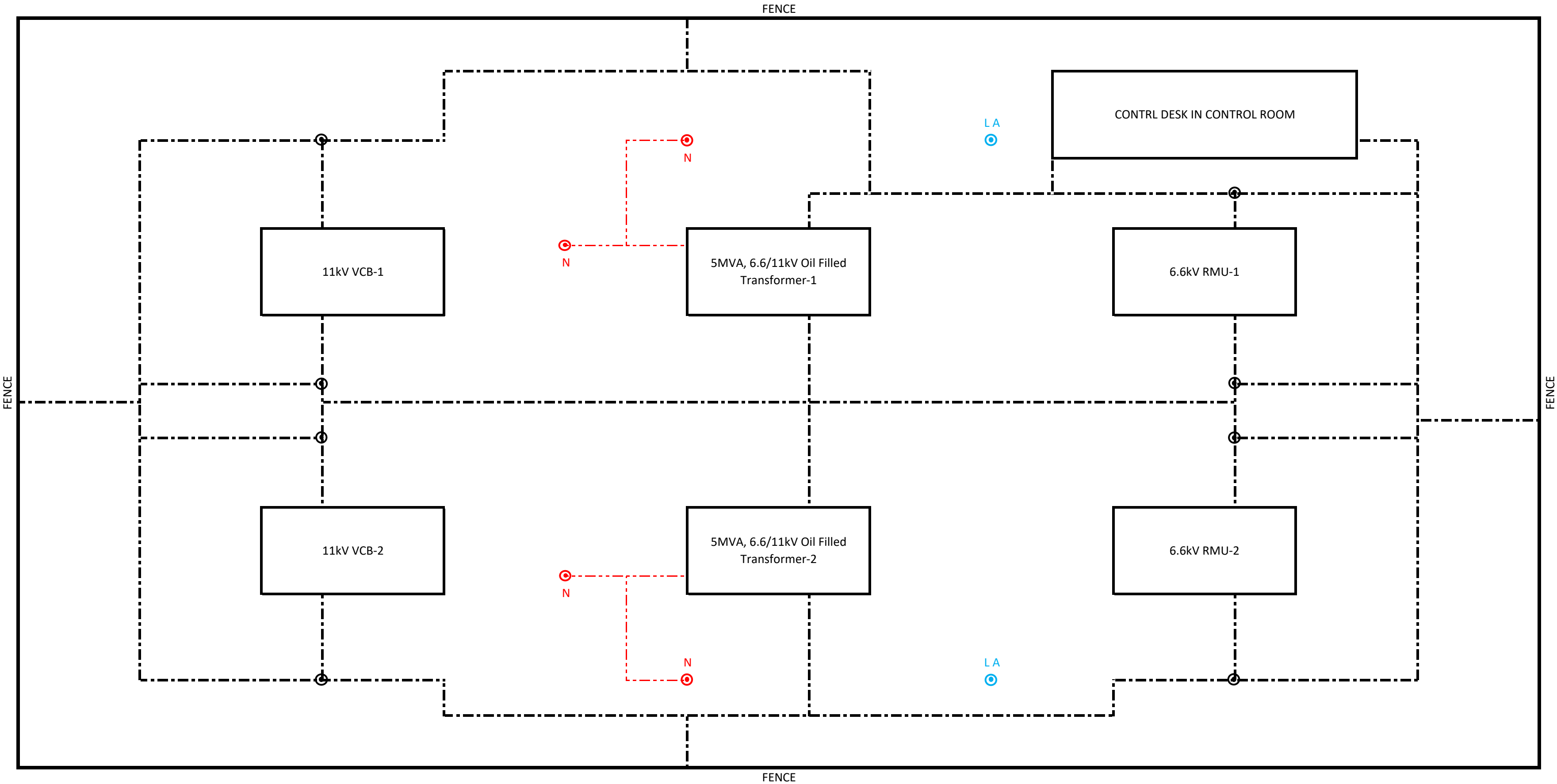
BIDDERS MAY PLEASE NOTE THAT SUBJECT TENDER IS E-TENDER AND THE OFFER IS TO BE SUBMITTED ONLY IN E-PROCUREMENT PORTAL→ <https://eprocarebhel.co.in>.

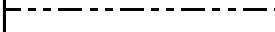
BIDDERS WHO HAVE ALREADY SUBMITTED THEIR OFFERS PRIOR TO ISSUANCE OF THIS CORRIGENDUM IN E-TENDER PORTAL ARE REQUIRED TO RE-SUBMIT THEIR OFFER AFTER TAKING COGNIZANCE OF THIS CORRIGENDUM.

Thanking you,
Yours faithfully,

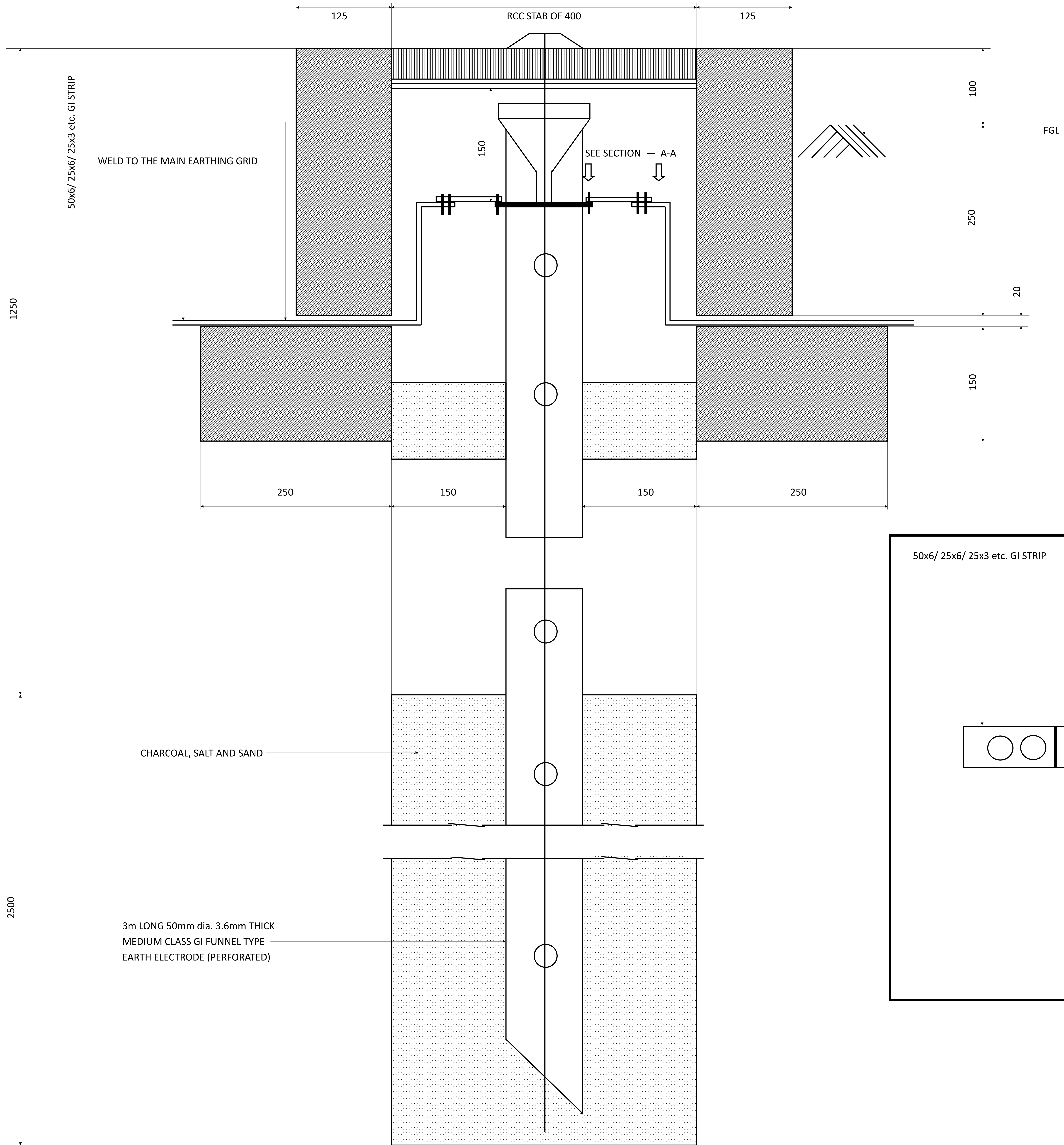
GM (Purchase)

Encl: Drawings



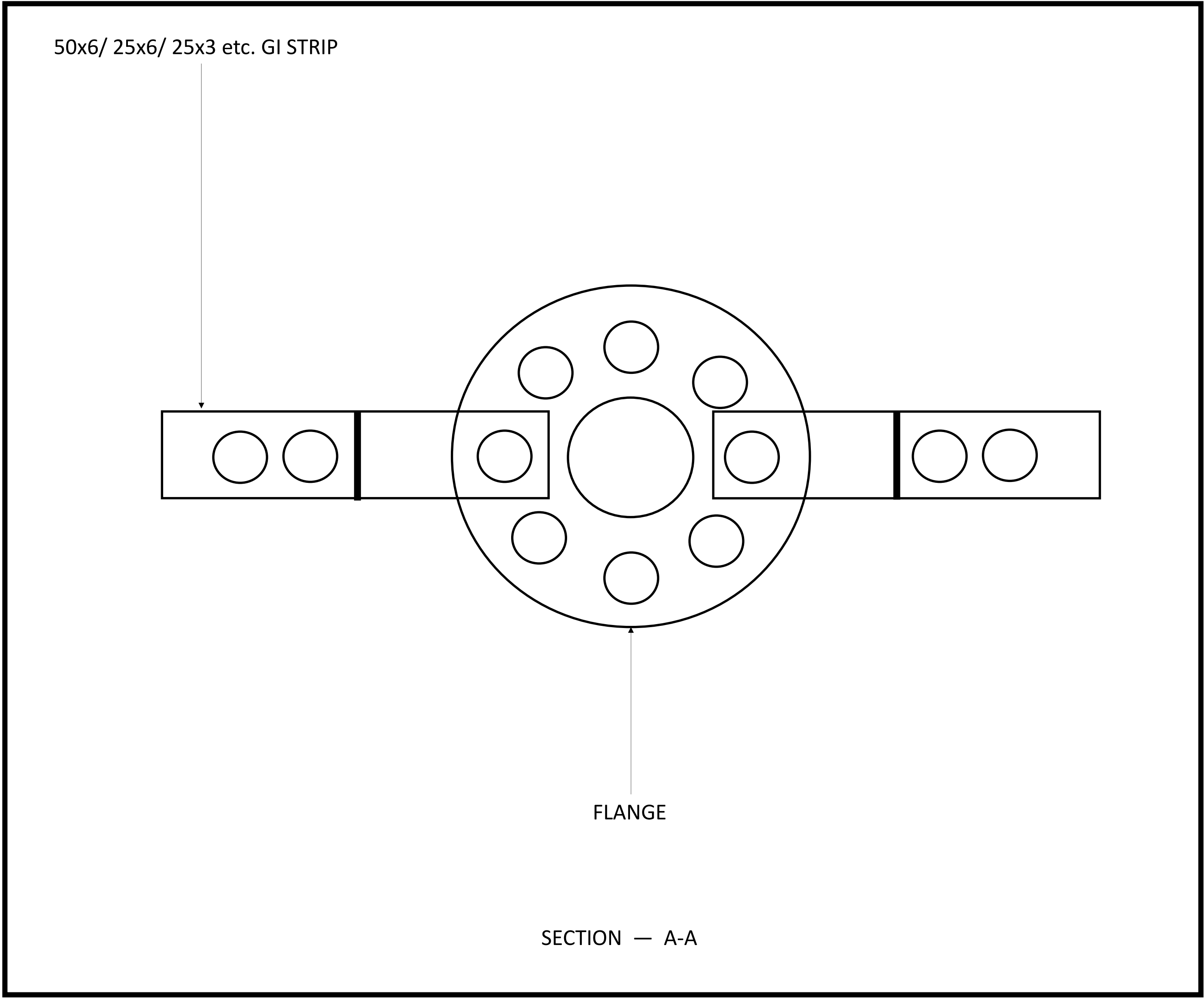
LEGEND	
	Neutral Earth Pit
	Body Earth Pit
	L A Earth Pit
	65 x 10 mm GI
	65 x 10 mm GI
for L A	25 x 5 mm GI
for Fencing	25 x 5 mm GI
Equipment Body Earthing	
33kV VCB	65 x 10 mm GI
Transformer	65 x 10 mm GI
11kV VCB	50 x 6 mm GI
Control Desk	25 x 5 mm GI

PROJECT	2x66MW NTPC TALCHER THERMAL POWER PROJECT	
CUSTOMER		NTPC LIMITED
EPC CONTRACTOR		BHARAT HEAVY ELECTRICLS LIMITED
CONTRACTOR		
TITLE	6.6/11kV CONSTRUCTION POWER SUBSTATION — EARTHING	
SHEETS 01 OF 01		
REV NO. 00		

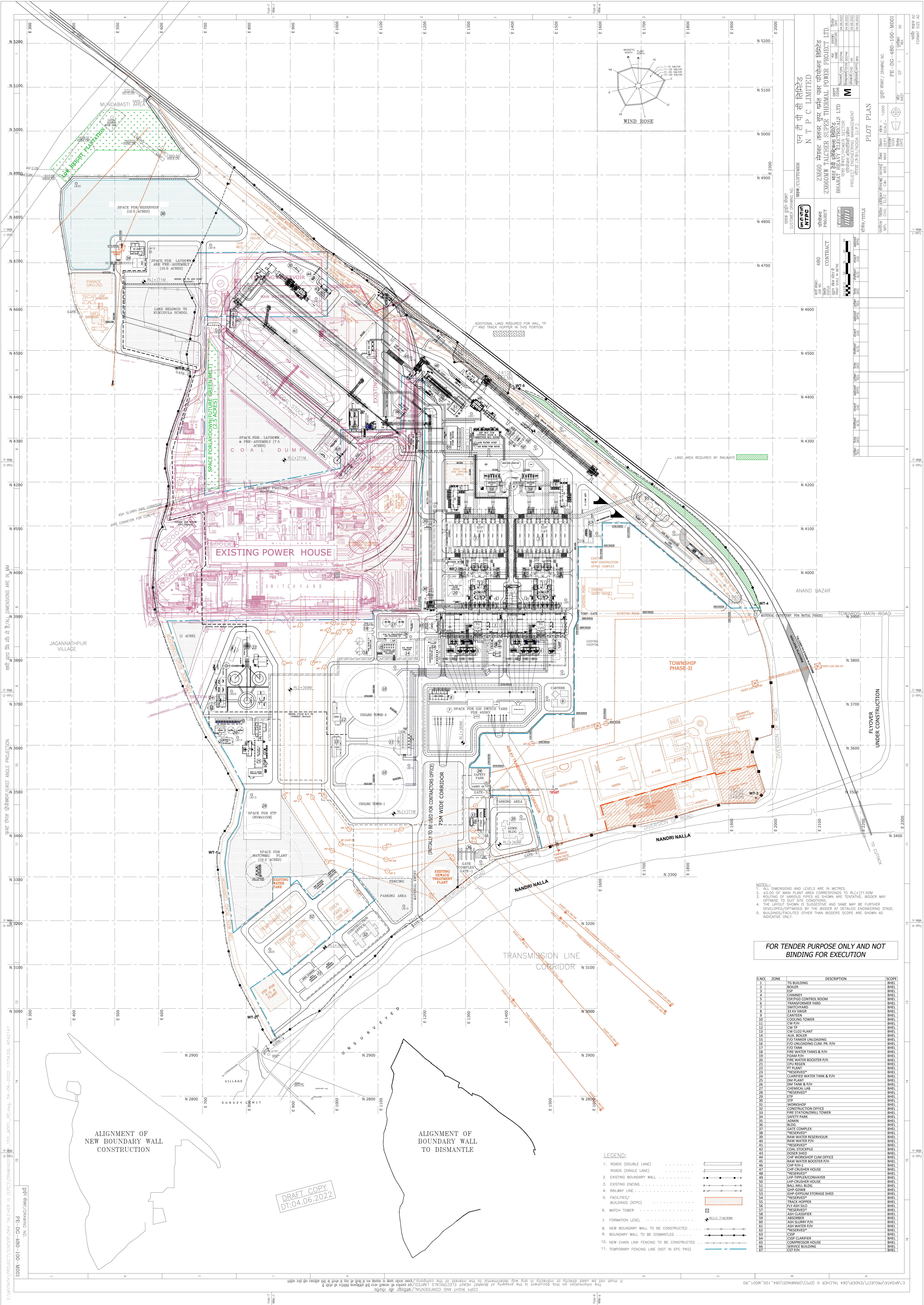


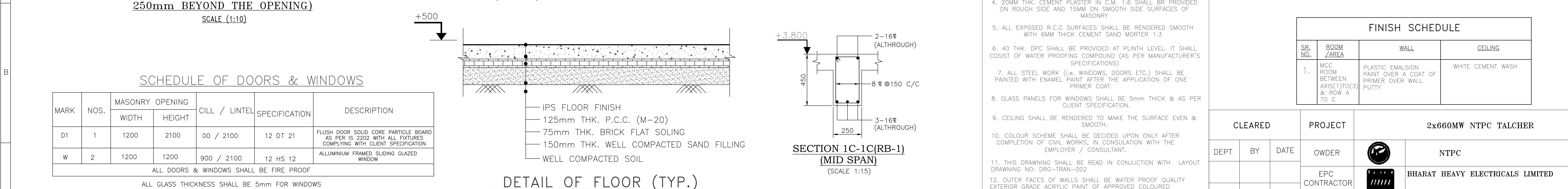
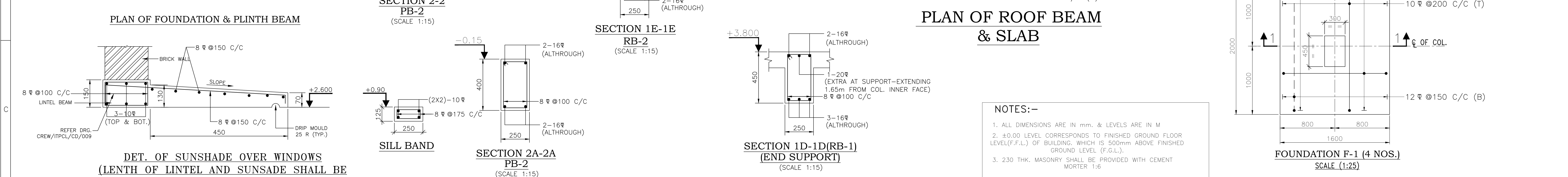
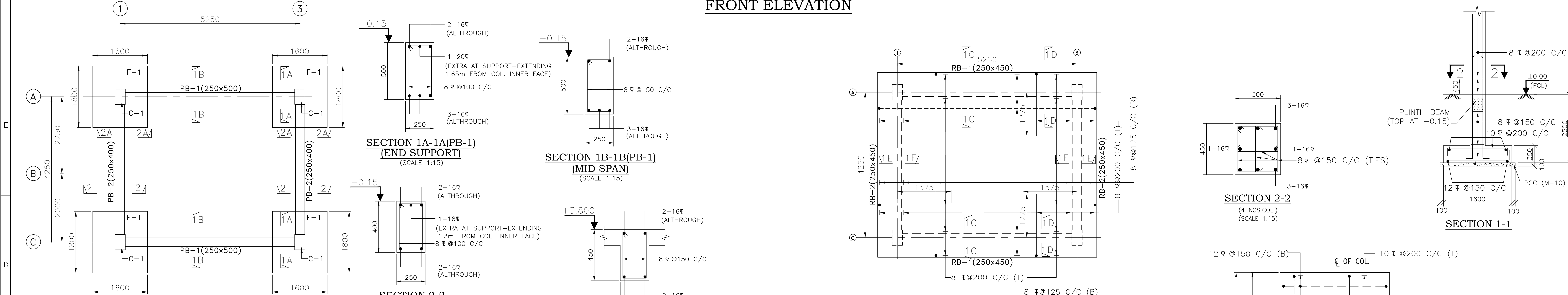
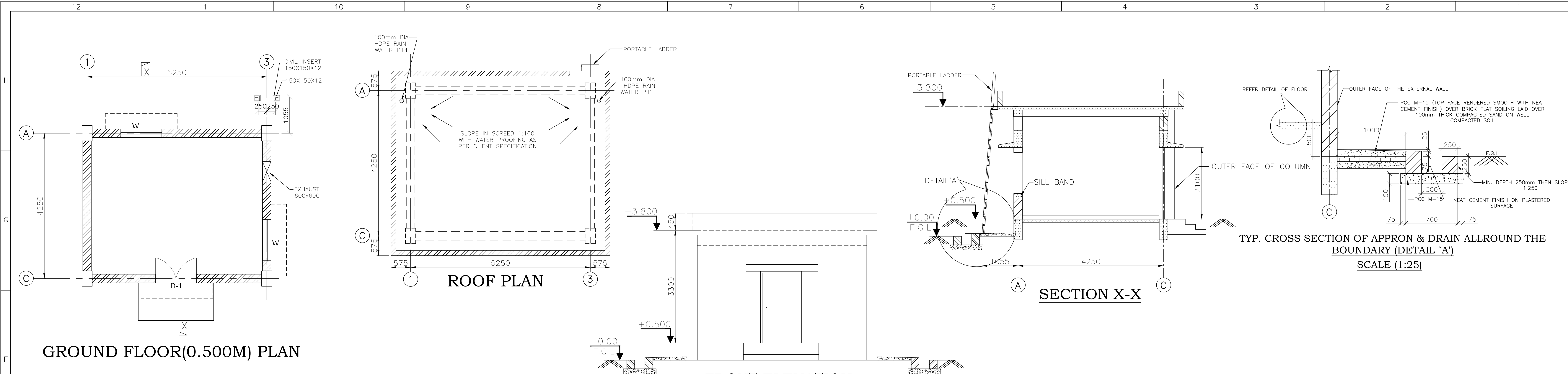
NOTE:

1. The Earth Pits shall be in line with Latest amendments of IS: 3043 .
2. Section — A-A: Refers to the perforated GI pipe with flange for earthing conductor connections via NUT & BOLTS.
3. All measurements are in mm.



PROJECT	2x660MW NTPC TALCHER PROJECT			
CUSTOMER		BHARAT HEAVY ELECTRICALS LIMITED		
CONTRACTOR				
TITLE	EARTH PITS			
DRAWING No.:		SHEET NO. 01 OF 01		

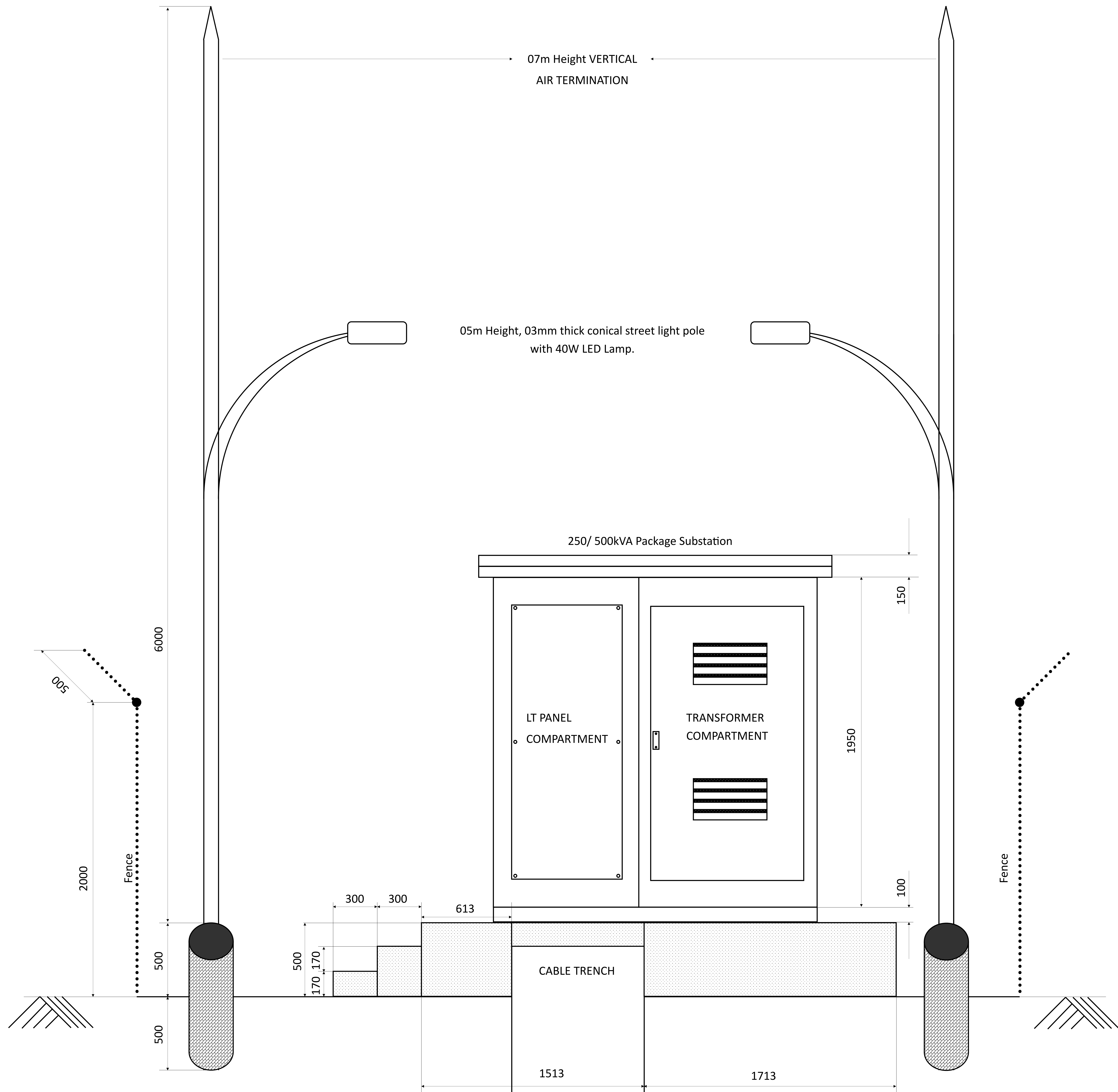




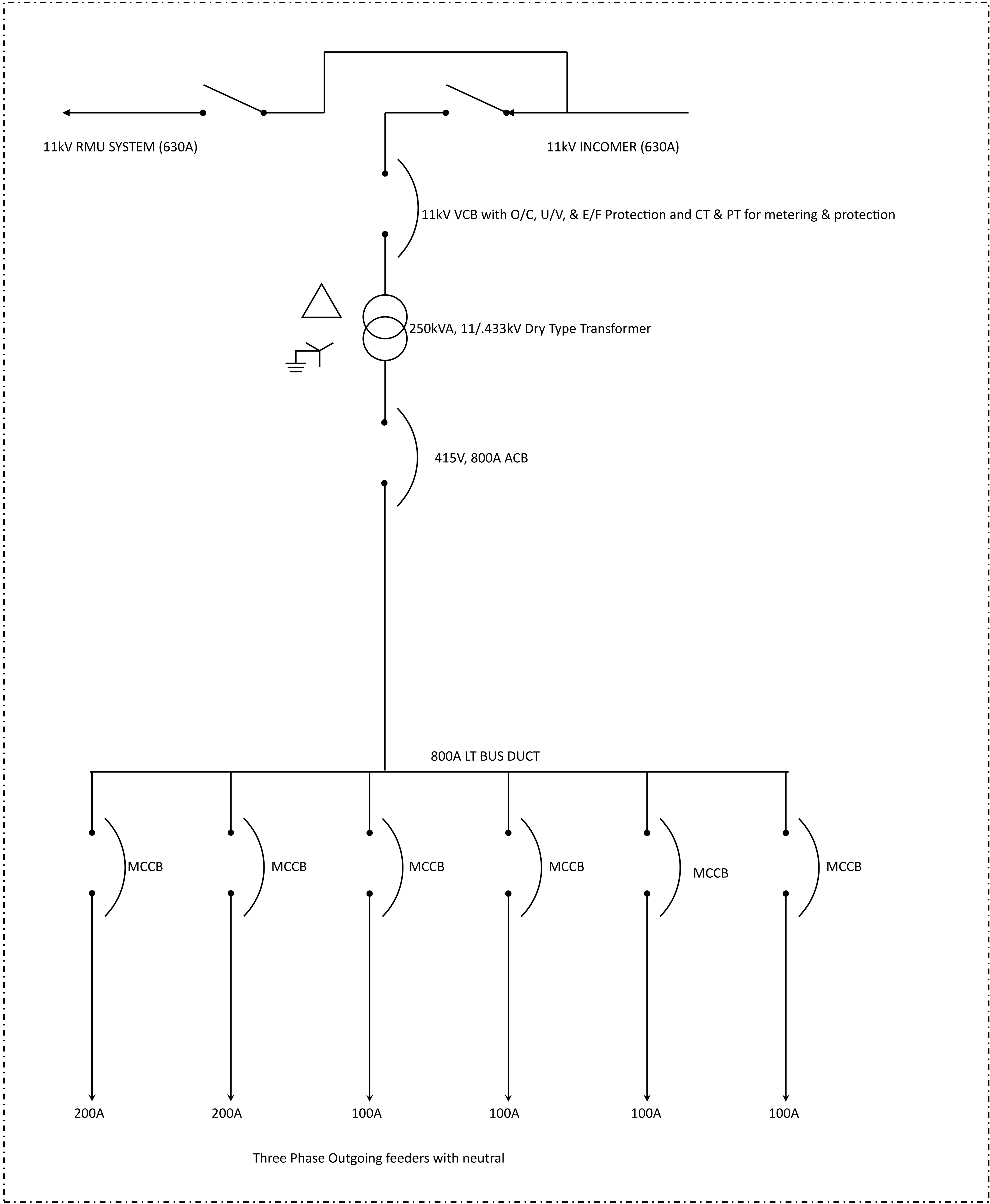
NOTES				7. ANCHORAGE LENGTH SHALL BE 50 TIMES BAR DIAMETER AND FULL ANCHOR SHALL BE PROVIDED FROM INNER FACE OF COLUMN FOR BARS ENDING AT COLUMN			
1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN "m" UNLESS OTHERWISE SPECIFIED				8. BEARING CAPACITY OF SOIL AT FOUNDATION DEPTH CONSIDERED AS 8 T/SM, IN CASE LOOSE/BACK FILLED SOIL IS ENCOUNTERED, SAME SHALL BE REPLACED BY WELL COMPACTED SAND FILL, ENCLOSED ON ALL SIDES BY BRICK WALL			
2. ±0.00 LEVEL CORRESPONDS TO FINISHED GROUND LEVEL OF TRANSFORMER YARD, WHICH CORRESPONDS IS RL. 375.70.							
3. LAYOUT OF FOUNDATION REFER DRG NO- DRG-TRAN-002							
4. ALL R.C.C. SHALL BE OF M-25							
5. ALL REINFORCEMENT STEEL SHALL BE OF Fe-500							
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS:- FOUNDATION BOTTOM:50mm, ALL OTHER:40mm							
6. FOR LAYOUT OF CABLE TRENCH, ENTRY/EXIT, OPENINGS/LOCATIONS/SIZE REFER DRG-TRAN-006							
REV.	DESCRIPTION		DATE	BY			
12			11				
10							
9							
8							
7							
6							
5							
4							
3							
2							
1							

FINISH SCHEDULE			
Sr. NO.	ROOM /AREA	WALL	CEILING
1.	MCC ROOM BETWEEN AXIS(1)TO(3) & ROW A TO C	PLASTIC EMALSON PAINT OVER A COAT OF PRIMER OVER WALL PUTTY	WHITE CEMENT WASH

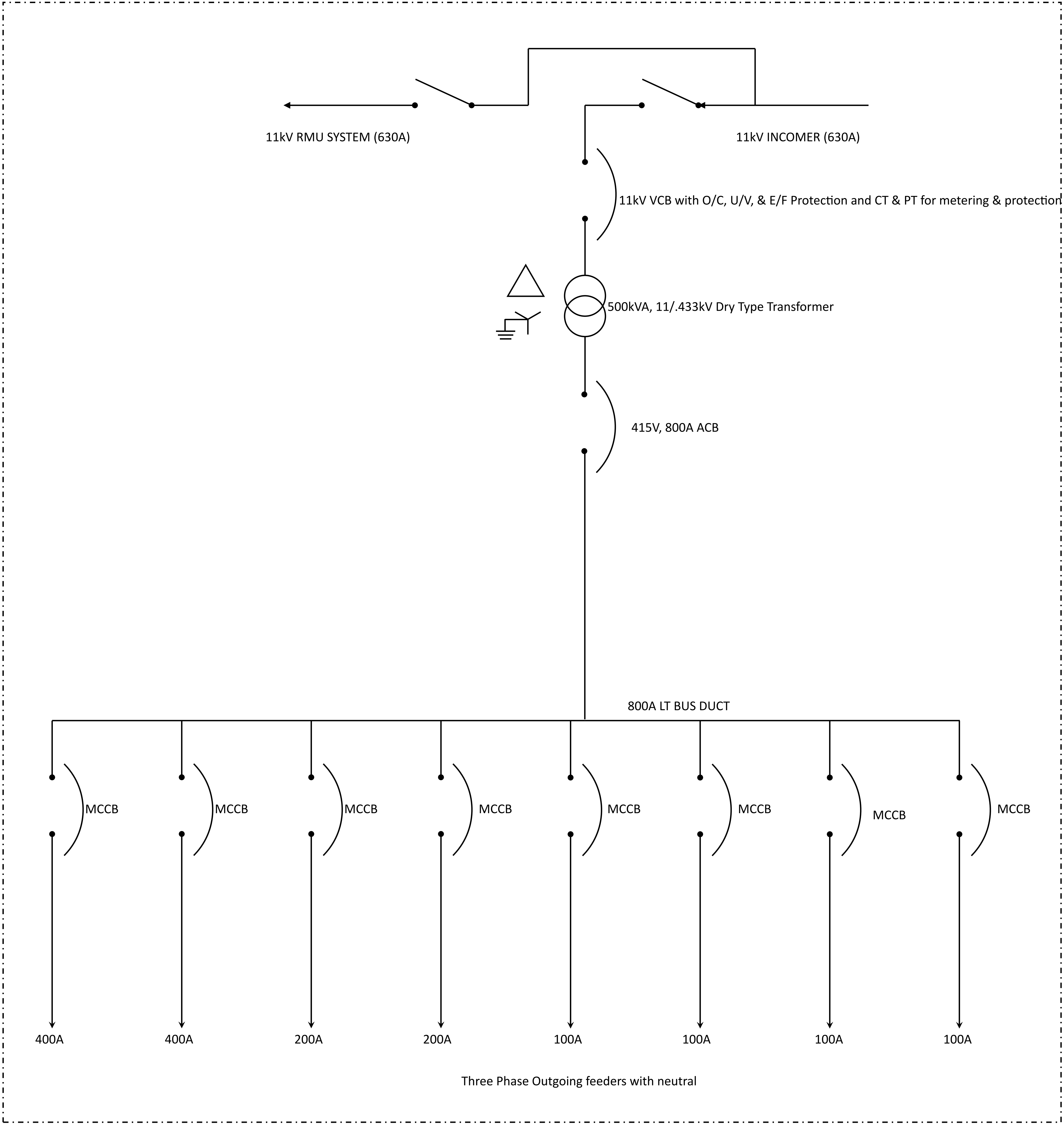
CLEARED		PROJECT		2x660MW NTPC TALCHER	
DEPT	BY	DATE	OWDER		NTPC
			EPC CONTRACTOR		BHARAT HEAVY ELECTRICALS LIMITED
			CONTRACTOR		
			TITLE	6.6/11kV OUTDOOR SUBSTATION-1 MCC ROOM GA AND RCC DETAIL	
				BHEL DWG. NO.	
	SH. SIZE A1	PREPARED BY DATE	CHECKED BY DATE	APPROVED BY DATE	SHEETS 1 OF 1 REV-0



PROJECT	2x660MW NTPC TALCHER PROJECT	
CUSTOMER	 BHARAT HEAVY ELECTRICALS LIMITED	
CONTRACTOR	TENTATIVE DRAWINGS	
TITLE	250/500 kVA PACKAGE SUBSTATION — SIDE VIEW	
DRAWING No.:		SHEET NO. 01 OF 01



Single Line Diagram of 250kVA Package Substation



Single Line Diagram of 500kVA Package Substation

LEGEND	
	Air Break Manual Operated Isolators
	Vacuum/ Air Circuit Breaker
	Transformer

PROJECT	2x660MW NTPC TALCHER PROJECT	
CUSTOMER		BHARAT HEAVY ELECTRICALS LIMITED
CONTRACTOR	TENTATIVE DRAWING	
TITLE	SINGLE LINE DIAGRAM OF PACKAGE SUBSTATION	
DRAWING No.:		SHEET NO. 01 OF 01



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