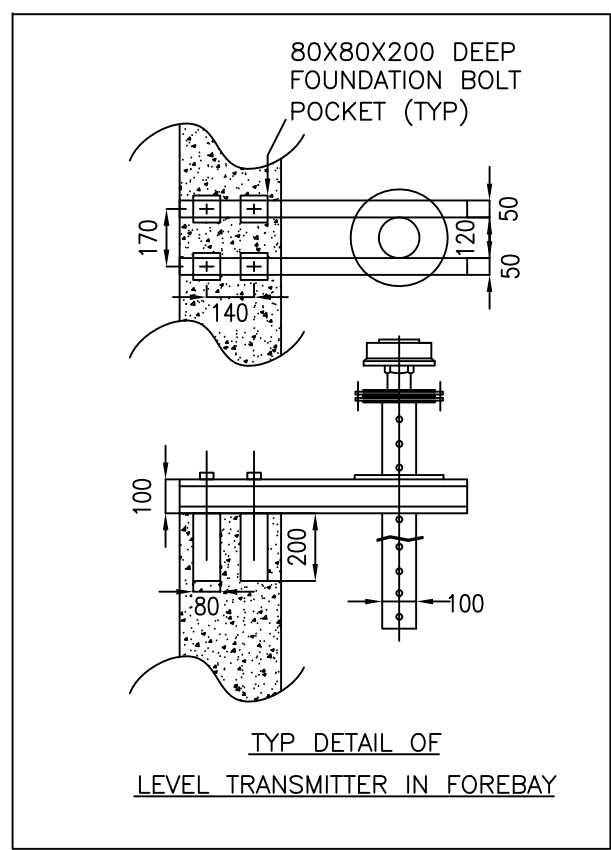
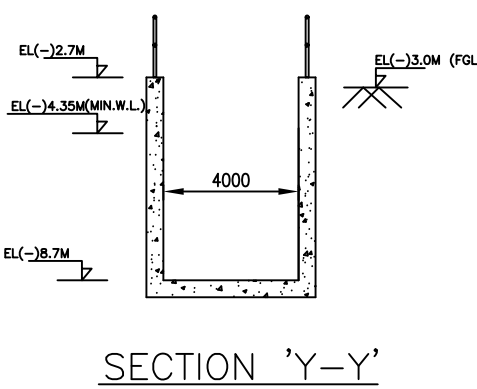
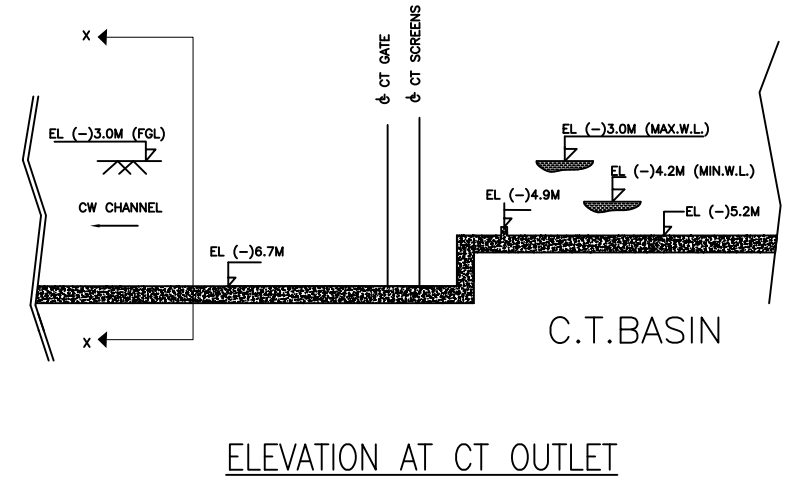
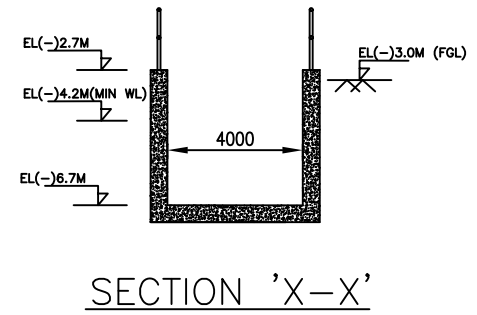
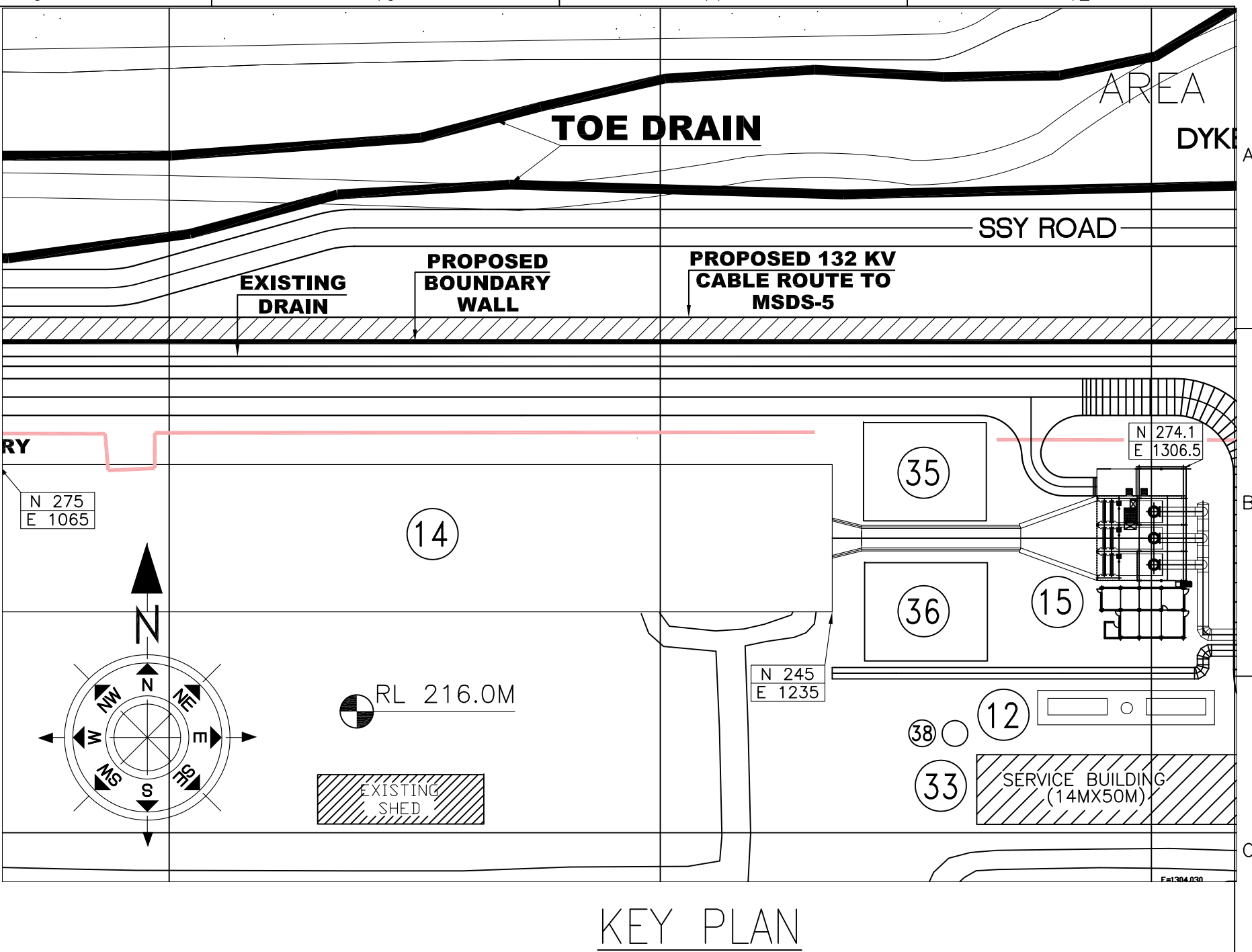
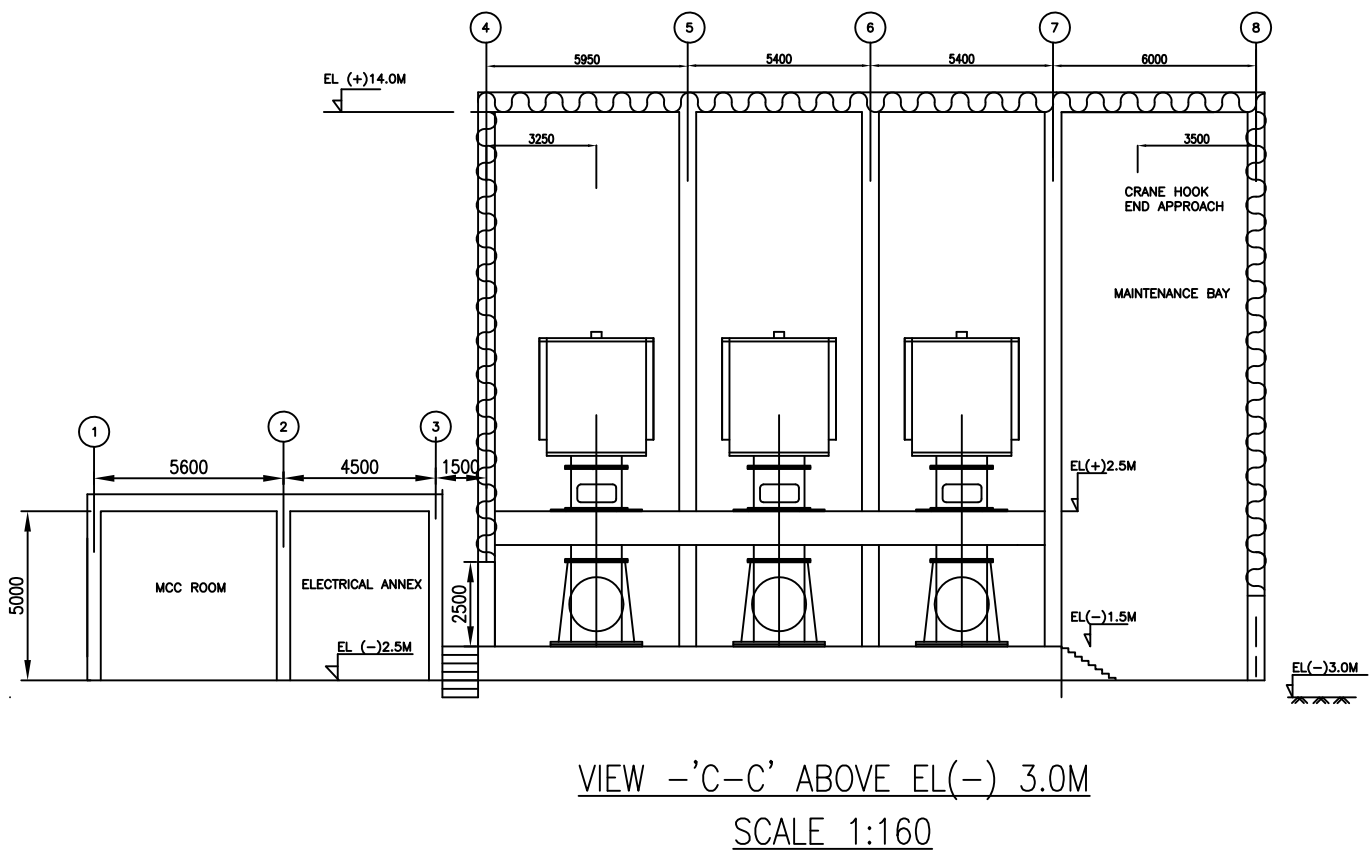
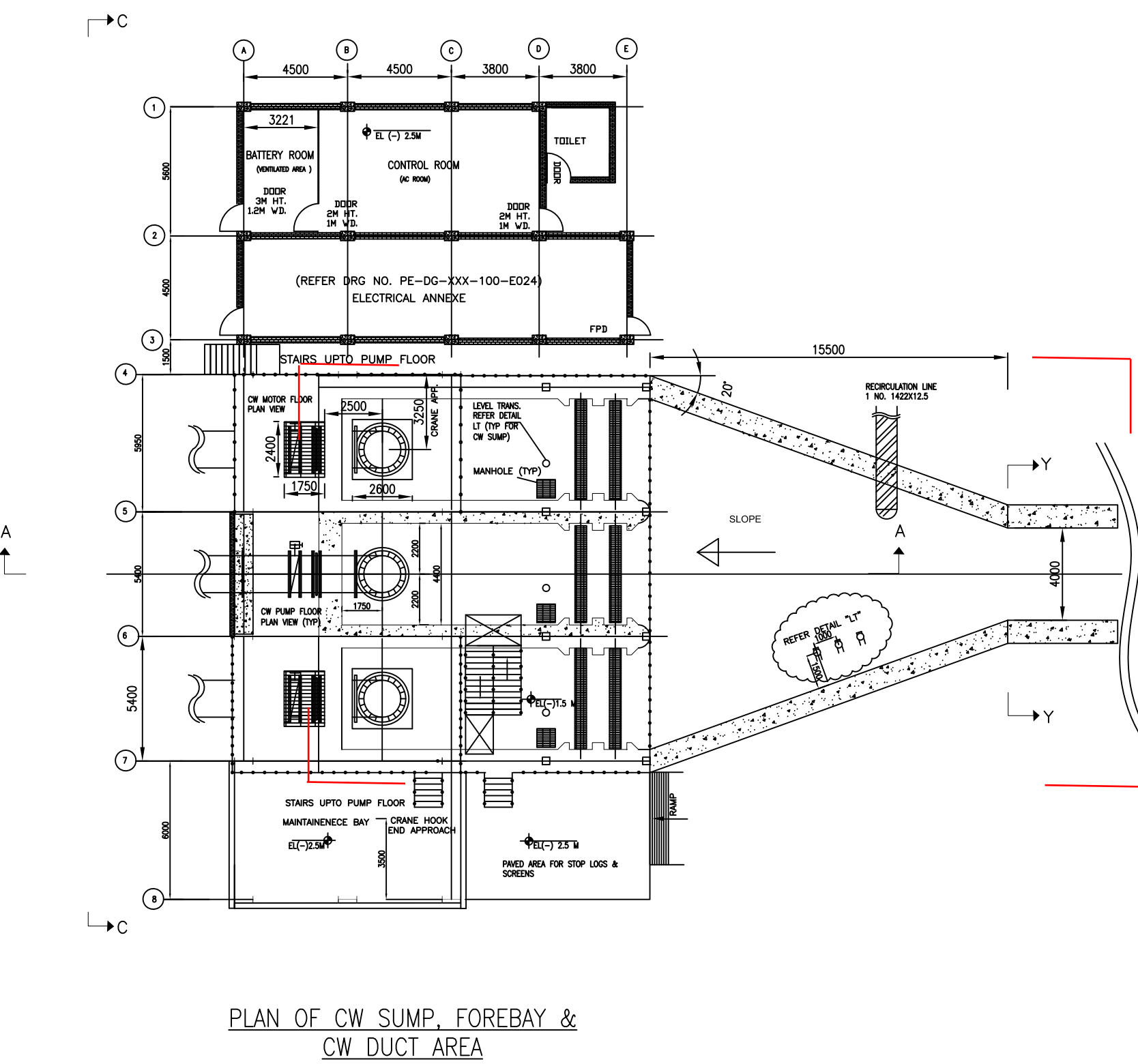





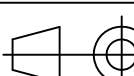
NOTES :

1. ALL DIMENSIONS ARE IN mm AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. ALL LEVELS ARE REFERRED TO THE FFL OF POWER HOUSE GROUND FLOOR WHICH CORRESPONDS TO RL (+) 219.00M.
3. CARBON STEEL STOP LOG GATES (2 SETS FOR ISOLATING CW SUMP) AND CARBON STEEL TRASH RACK (4 NOS INCLUDING 1 NO. SPARE) TO BE FABRICATED AND SUPPLIED BY CIVIL BOP CONTRACTOR.
4. SUMP MODEL STUDY SHALL BE CARRIED OUT BY BHEL-HYD FOR CW SUMP AND FOREBAY AND REQUISITE HYDRAULIC ELEMENTS SHALL BE INCORPORATED IN CIVIL WORKS, IF REQUIRED, AS PER STUDIES.
5. OPENINGS, INSERTS, ETC. REQUIRED FOR C&I ITEMS, PIPE VALVE SUPPORTS, ETC SHALL BE INDICATED AFTER FINALIZATION OF RESPECTIVE INSTRUMENTS, PIPING, LAYOUT ETC.
6. ACCESS TO ROOF SHALL BE PROVIDED.
7. HEIGHT OF STOP LOG GATE AND TRASH RACK SHALL BE DESIGNED FOR CW OPENING HEIGHT VIZ. 2700 MM.
8. INSTALLATION OF ALL PUMPS AND DESIGN OF FOREBAY SHALL MEET THE RECOMMENDATION OF HIS, USA.
9. WATER LEVEL SHALL BE MARKED ON THE FOREBAY INSIDE WALL WITH FLORESCENT PAINT AND VISIBLE FROM PUMP HOUSE.
10. CIVIL AND STRUCTURAL DETAILS SHOWN IN THIS DRAWING ARE INDICATIVE ONLY, FOR ACTUAL DETAILS WITH SIZE AND DIMENSION, RELEVANT CIVIL DRAWINGS ARE TO BE REFERRED.

SCOPE OF SUMP MODEL STUDIES



FOR TENDER PURPOSE ONLY

										PROJECT	ROURKELA PP-II EXPANSION PROJECT (1X250 MW)										
											OWNER 	NTPC SAIL POWER COMPANY (P) LIMITED									
JOB NO. 427										CONSULTANT 		<div>मैकॉन लिमिटेड</div> MECON LIMITED									
STATUS CONTRACT																					
DISTRIBUTION										EPC CONTRACTOR 	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA										
TO	No.	OF	REV.	DATE	ALT	D	CHD	APPD													
										TITLE	MECHANICAL GA OF CW PUMP HOUSE										
										DEPT. SIGN DATE	SCALE 1:225 	DRAWING NO. PE-DG-427-165-N005									
9										10										SHEET 1 OF 1	REV. 00