

BHEL/PEM/NOIDA

REF. PE/PG/YAD/E-6430/2020/Corrigenda-1

Date: 22.05.2020

Project: 5X800 MW YADADRI TPS
Package: MISC. PUMPS (VERTICAL)
Enquiry No.: PE/PG/YAD/E-6430/2020, dated 01.05.2020

Subject: Corrigenda regarding extension in due date of bid submission & Amendment no. 1 to technical specification regarding sump drawing of Clarified Water Pump house and Raw water pump house.

With ref. to above tender enquiry, bidders to note the following.

1. The due date of bid submission for subject tender enquiry has been extended from existing date i.e. 22.05.2020, 02:00 PM (IST) to 03/June/2020 02:00 PM (IST). Part-I bids shall be opened on 03/June/2020 03:00 PM.
2. Amendment no. 1 to technical specification no.#PE-TS-417-100-N001 (REV. 0) regarding sump drawing of Clarified Water Pump house and Raw water pump house. For details refer the Amendment no. 1 appended below.

Thanking you,

With regards:

For and on behalf of BHEL



Santosh Kumar Verma

Dy. Manager I PG-II, BHEL-PEM I Noida

TSGENCO

5X800 MW YADADRI TPS

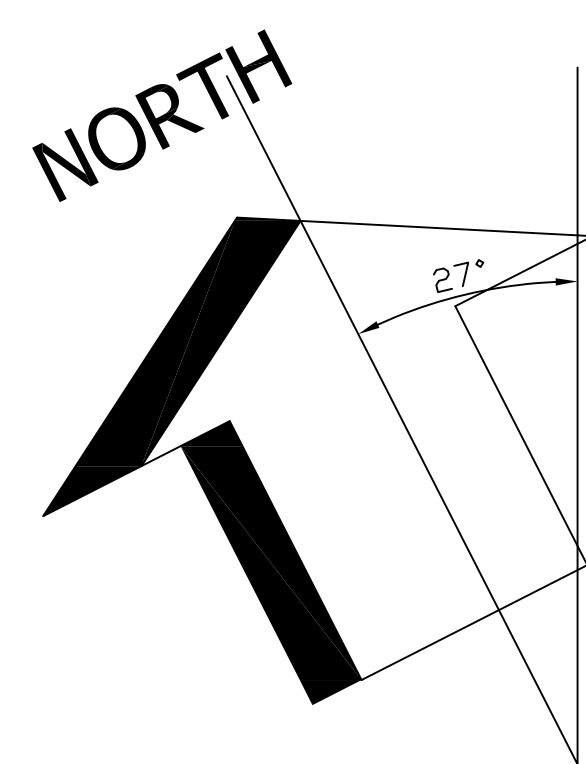
**Ammendment no. 1
to
TECHNICAL SPECIFICATION
FOR
MISCELLANEOUS PUMPS**

Specification No. : PE-TS-417-100-N001 (REV. 0)



**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
PPEI BUILDING, SECTOR 16 A
NOIDA - 201301**

	TECHNICAL SPECIFICATIONS		Specification No. : PE-TS-417-100-N001, Rev.0			
	MISCELLANEOUS PUMPS		Ammendment no. 1			
	SPECIFIC TECHNICAL REQUIREMENTS		REV. NO.	0	DATE:	18.05.2020
1.0 Tentative Sump drawing attached of Raw water pump house and Clarified water pump house. Finalized drawing shall be provided after ordering.						

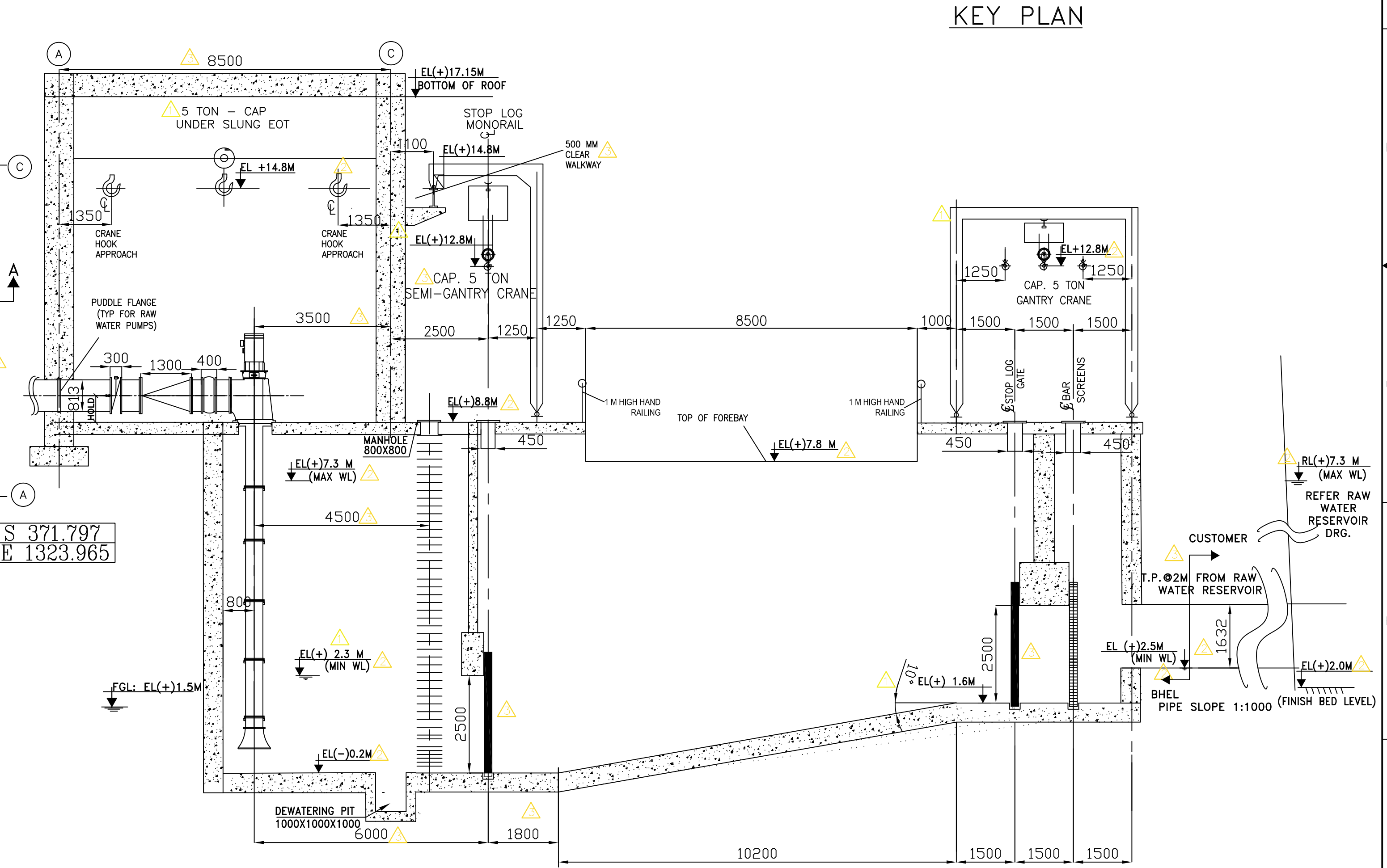
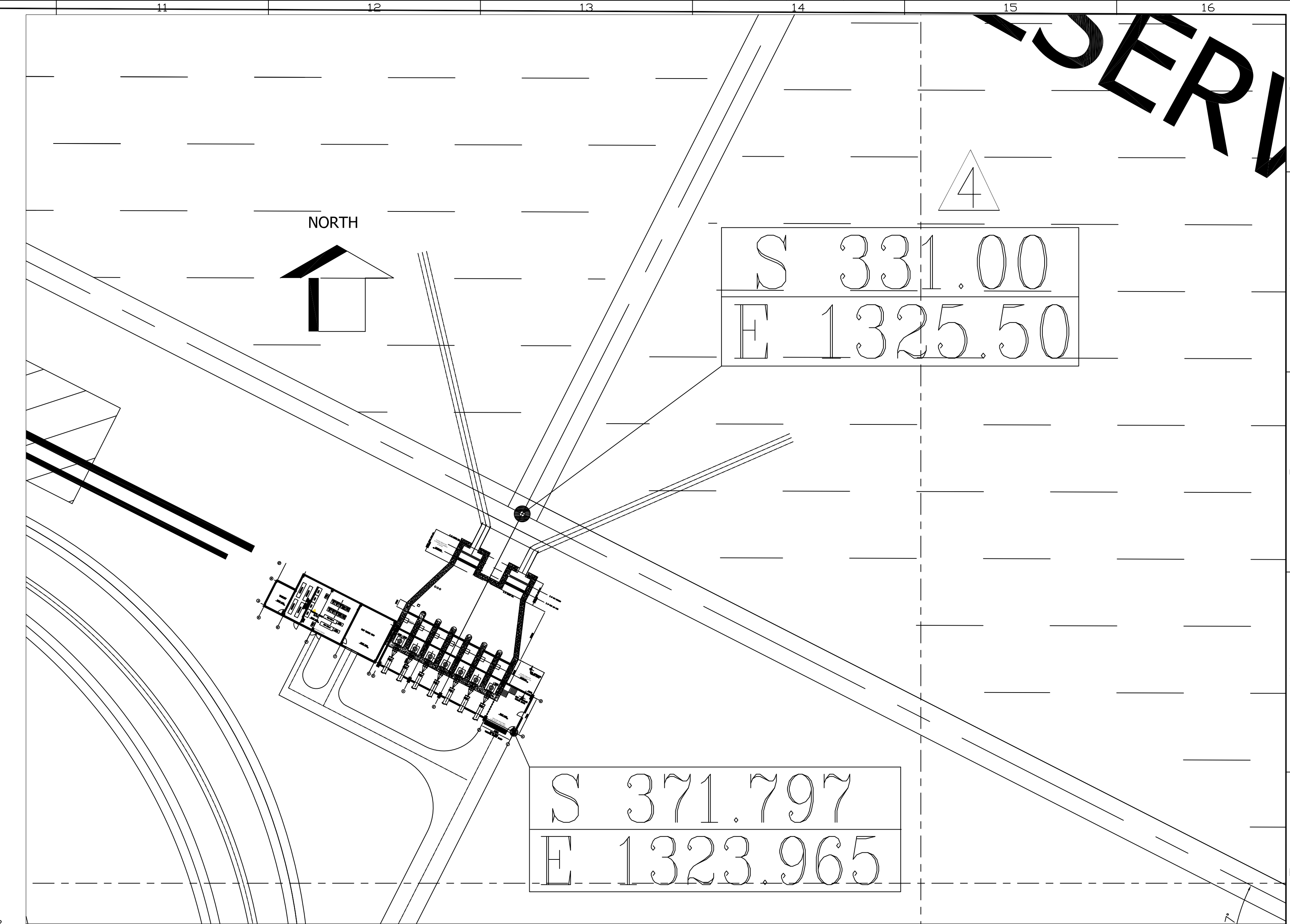
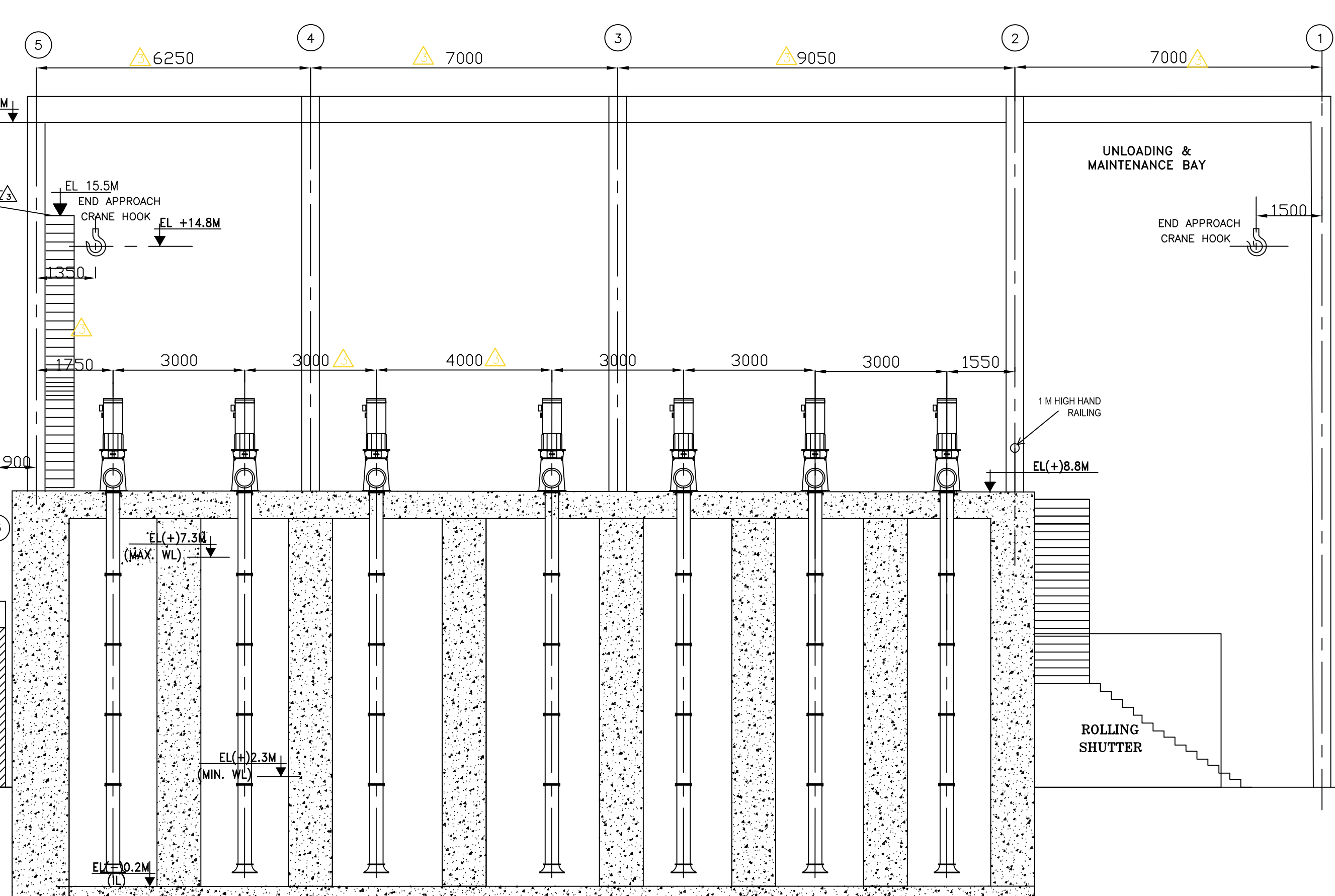
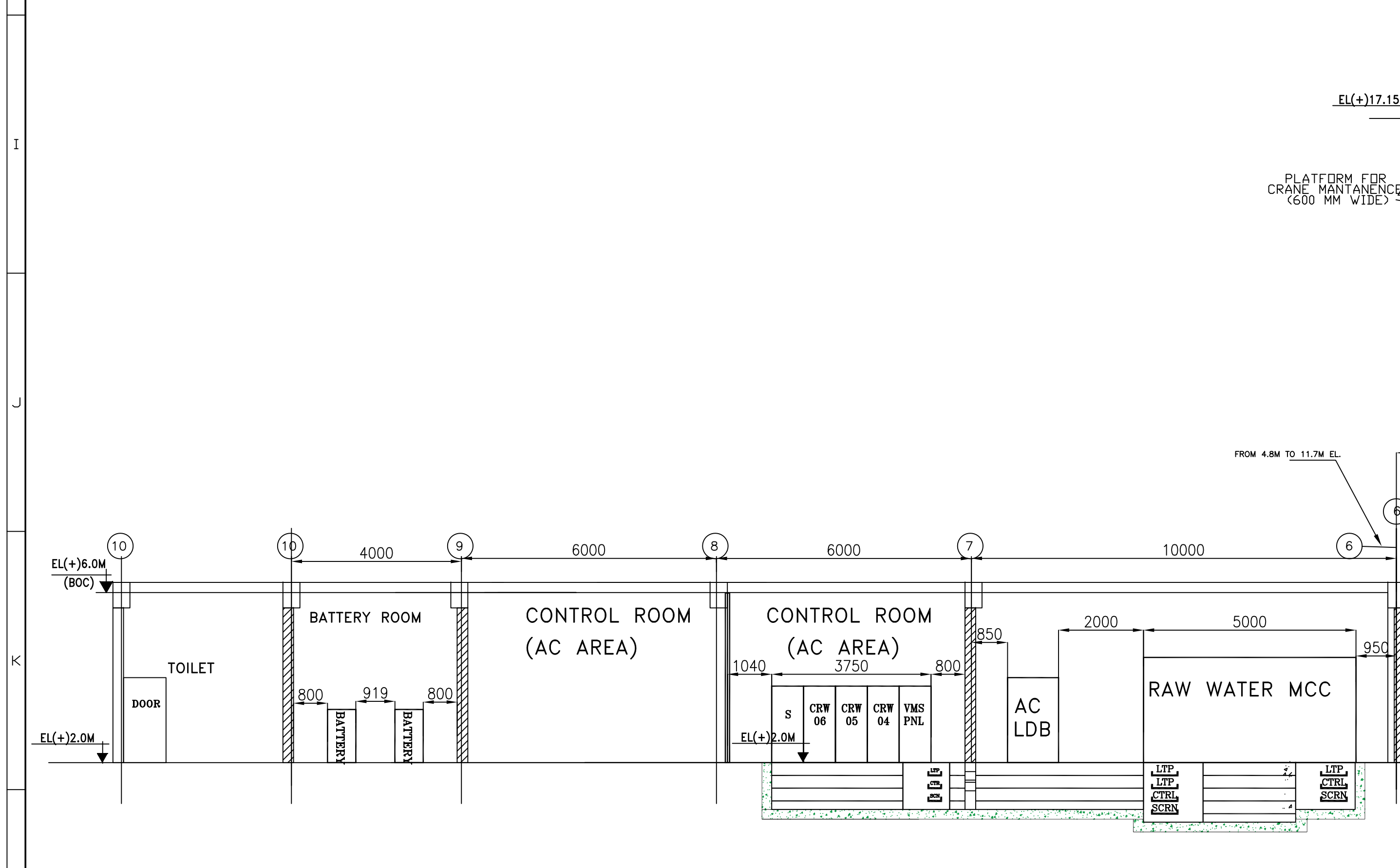
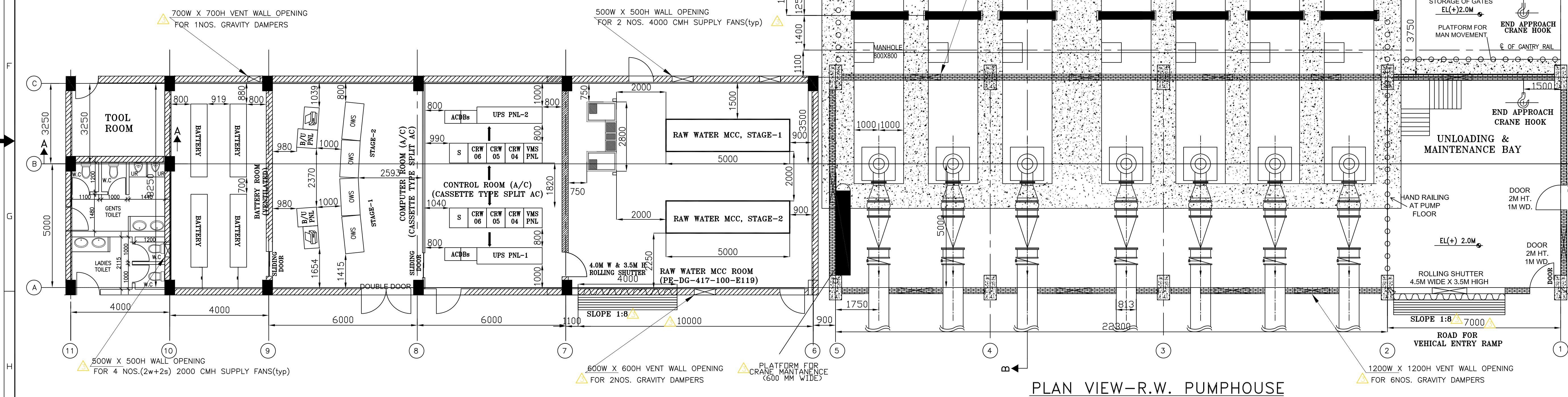
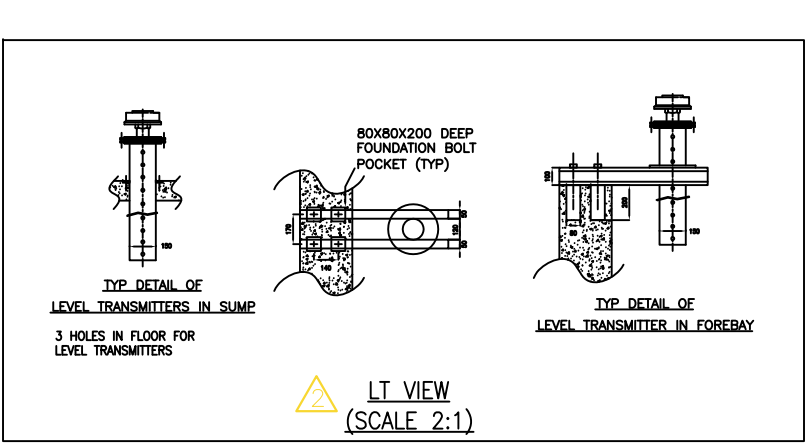


EQUIPMENT DETAILS:

- 1. RAW WATER PUMPS
(I). NO OF PUMPS : 7 (5 WORKING + 2 STANDBY)
(II). CAPACITY: 4000 CUB M/HR
(III). HEAD : 26.5 MWC
- 2. RAW WATER RESERVOIR CAPACITY - 10,80,000 CUB M

TABLE : VENTILATION FANS DETAILS

TYPE OF VENTILATION	CAPACITY	NO OF FANS
WALL MOUNTED SUPPLY FANS FOR THE MCC ROOM.	4000 CMH	2
WALL MOUNTED SUPPLY FANS FOR THE PUMP HOUSE	15000 CMH	6
WALL MOUNTED EXHAUST FANS (BIFURCATED TYPE) FOR THE BATTERY ROOM	2000 CMH	4



- NOTES:-
- ALL DIMENSIONS ARE IN MM AND ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - CARBON STEEL GATE (TOTAL 4 NOS. VIZ. 1 NOS. FOR EACH RAW WATER CHANNEL & 2 NO. FOR RAW WATER PUMP SUMP) AND CARBON STEEL COARSE BAR SCREEN (FOR EACH RAW WATER CHANNEL) OF 50MM SPACING BETWEEN BARS WITH CARBON STEEL FRAME (02 NOS. VIZ 1 NOS. FOR EACH RAW WATER CHANNEL) TO BE FABRICATED BY CIVIL CONTRACTOR.
 - 1 NO. UNDER SLUNG EOT. CRANE OF ST CAP. 1 NO. GANTRY CRANE OF 5 TON CAPACITY, 1 NO. ELECTRIC HOIST OF 5 TON CAPACITY SHALL BE PROVIDED.
 - ALL ELEVATIONS ARE MARKED IN EL. 0.0 CORRESPONDS TO FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING RL (+)81.5 M.
 - ACCESS TO ROOF SHALL BE PROVIDED.
 - COARSE BAR SCREEN & STOP LOG GATE HEIGHT SHALL BE DESIGNED FOR SUMP OPENING HEIGHT VIZ. 2500MM.
 - 2 NOS. PORTABLE STOOL CUM LADDER SHALL BE PROVIDED FOR ACCESS TO TOP BEARING OF MOTOR.
 - OPENINGS INSERTS ETC. REQUIRED FOR C&I INSERTS, PIPE/VALVE SUPPORTS ETC. SHALL BE INDICATED AFTER FINALIZATION OF RESPECTIVE INSTRUMENTS PIPE LAYOUT ETC.
 - REFERENCE DOCUMENTS:
 - PLANT WATER SYSTEM P&ID, DOCUMENT NO. PE-DG-417-172-N001.
 - RAW WATER RESERVOIR - LAYOUT, DOC. NO. PE-DG-417-654-C001.
 - RAW WATER RESERVOIR - SECTIONS, DOC. NO. PE-DG-417-654-C002.
 - CCD FOR 5T CAPACITY SINGLE GIRDER U/S CRANE FOR RAW WATER PH, DOC. NO. PE-DG-417-524-A003.
 - CCD FOR 5T CAPACITY SINGLE GIRDER SEMI-GANTRY CRANE FOR RWPH, DOC. NO. PE-DG-417-524-A005.
 - PLOT PLAN, DOC. NO. PE-DG-417-100-M001.
 - RAW WATER PH - ARCH PLAN, PE-DG-417-654-C010.
 - RAW WATER PH - ARCH ELEVATION PE-DG-417-654-C011.
 - ELECTRIC EQUIPMENT & CABLE TRAY LAYOUT IN RAW WATER PH - PE-DG-417-100-E119.
 - 10. TOOL ROOM FURNITURE AND ACCESSORIES ARE IN TSGENCO SCOPE.
 - 11. 1 NO. LADDER SHALL BE PROVIDED FOR HOIST MAINTENANCE BY CIVIL CONTRACTOR.

TELANGANA STATE POWER GENERATION CORP. LTD.
TELANGANA, INDIA
5x800 MW YADADRI Thermal Power Station

TATA CONSULTING ENGINEERS LIMITED
BANGALORE, INDIA

REV.	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED	DATE
03	-	-	REVISED IN LINE WITH CUSTOMER COMMENTS	ADK	NS	AK	27.04.20
02	-	-	REVISED IN LINE WITH CUSTOMER COMMENTS	ADK	NS	AK	21.02.20
01	-	-	REVISED IN LINE WITH CUSTOMER COMMENTS	ADK	NS	AK	28.11.18

UNIT : MM	SCALE : BHRL DWG. NO. : PE-DG-417-172-N004	REV. : 03
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