

**NOTES**

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, SPECIFICATION.
- ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METERS, UNO.
- ALL ELEVATIONS ARE REFERRED TO FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING  $EL(\pm)0.000M$ , WHICH CORRESPONDS TO RL 82.20M.
- GRADE OF CONCRETE SHALL BE M25 WITH 20 MM DOWNGRADED AGGREGATES, MINIMUM CEMENT CONCRETE SHALL BE AS PER DESIGN MIX AND IS 456:2000.
- REINFORCEMENT STEEL SHALL BE OF Fe500 GRADE, CONFORMING TO IS:1786
- CLEAR COVER TO CONCRETE SHALL BE AS FOLLOWS:

DESCRIPTION	TOP	BOTTOM	SIDES	ENDS
BASE SLAB	50	50	50	-
RC WALL	50	50	50	-
PEDESTAL	-	-	50	50

- LAP LENGTH ( $L_d$ ) FOR REINFORCEMENT SHALL BE 50 DIA. OF SMALLEST BAR BEING LAPPED.
- THE NET SAFE BEARING CAPACITY OF SOIL IS ASSUMED AS  $10 T/M^2$ .
- ALL BACKFILLING SOIL SHALL BE OF GOOD EARTH AND THE SAME SHALL BE COMPACTED WELL TO 95% PROCTOR DENSITY

**LEGEND**

EL - ELEVATION	TYP - TYPICAL
FFL - FINISHED FLOOR LEVEL	BOC - BOTTOM OF CONCRETE
FGL - FINISHED GROUND LEVEL	TOC - TOP OF CONCRETE
BOBP - BOTTOM OF BASE PLATE	UNO - UNLESS NOTED OTHERWISE

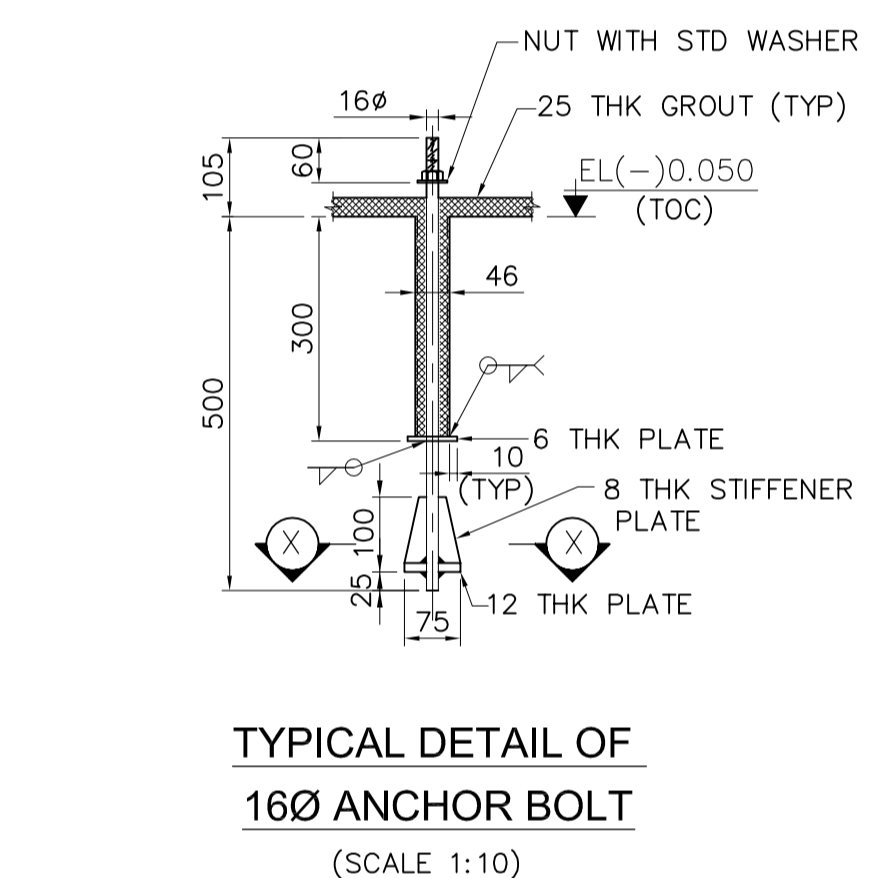
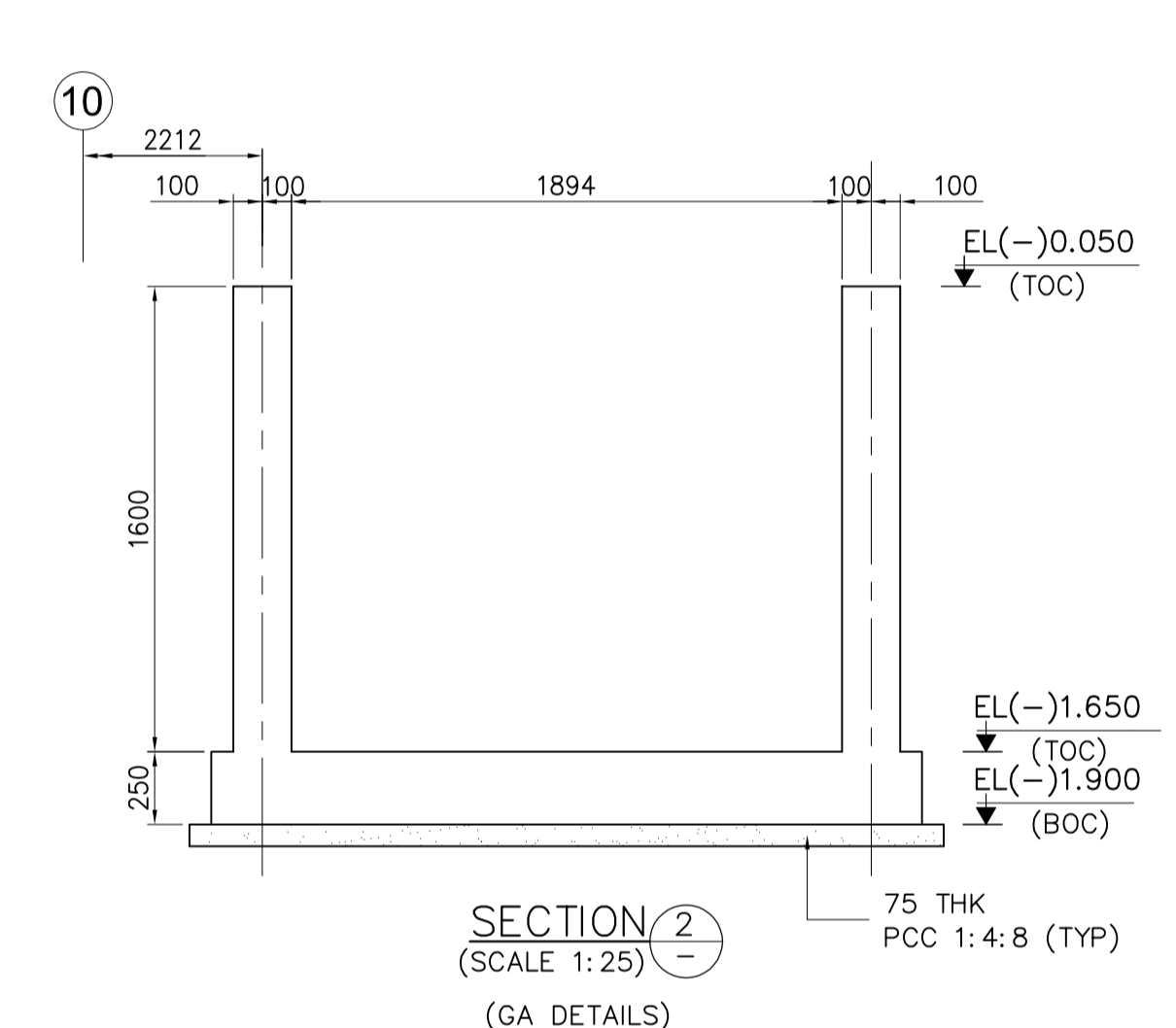
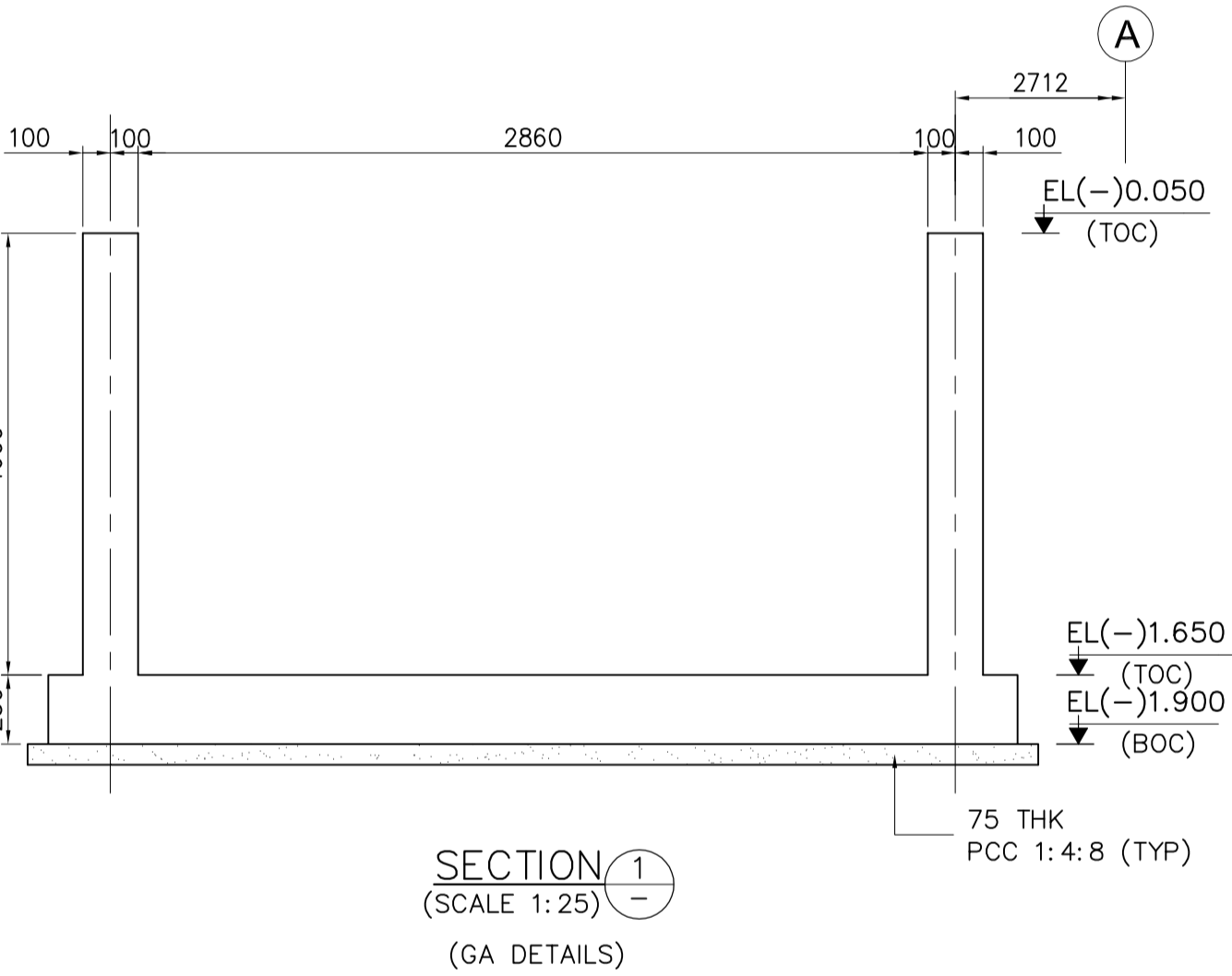
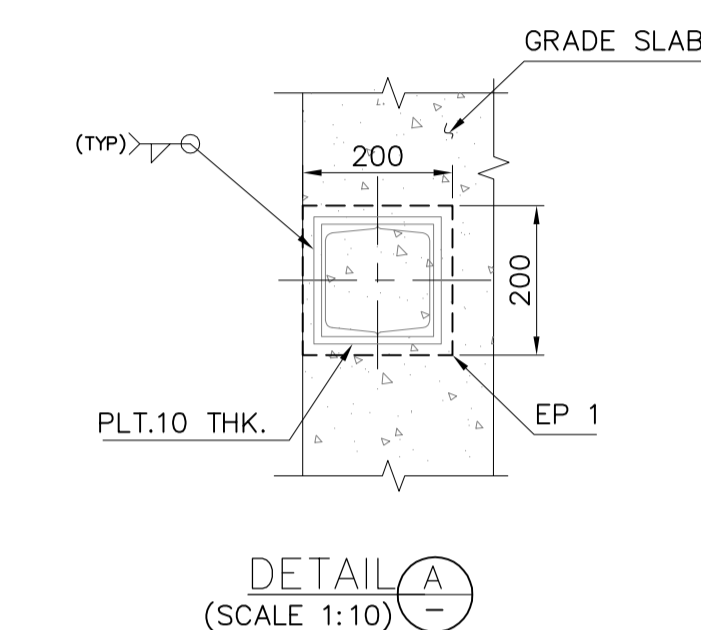
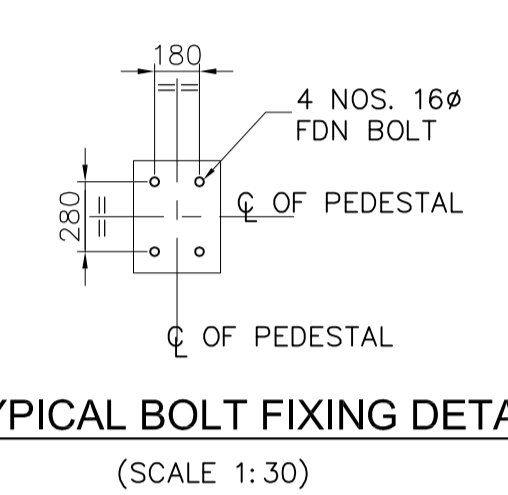
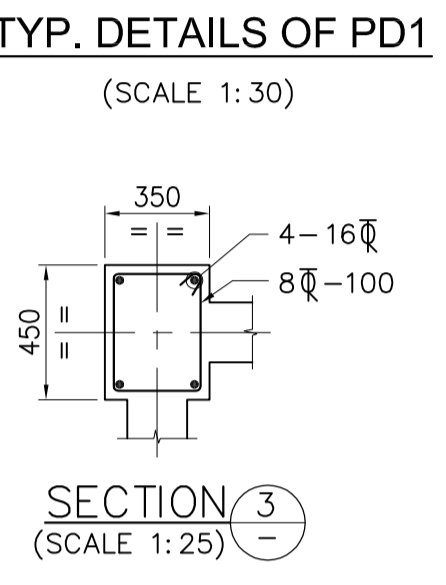
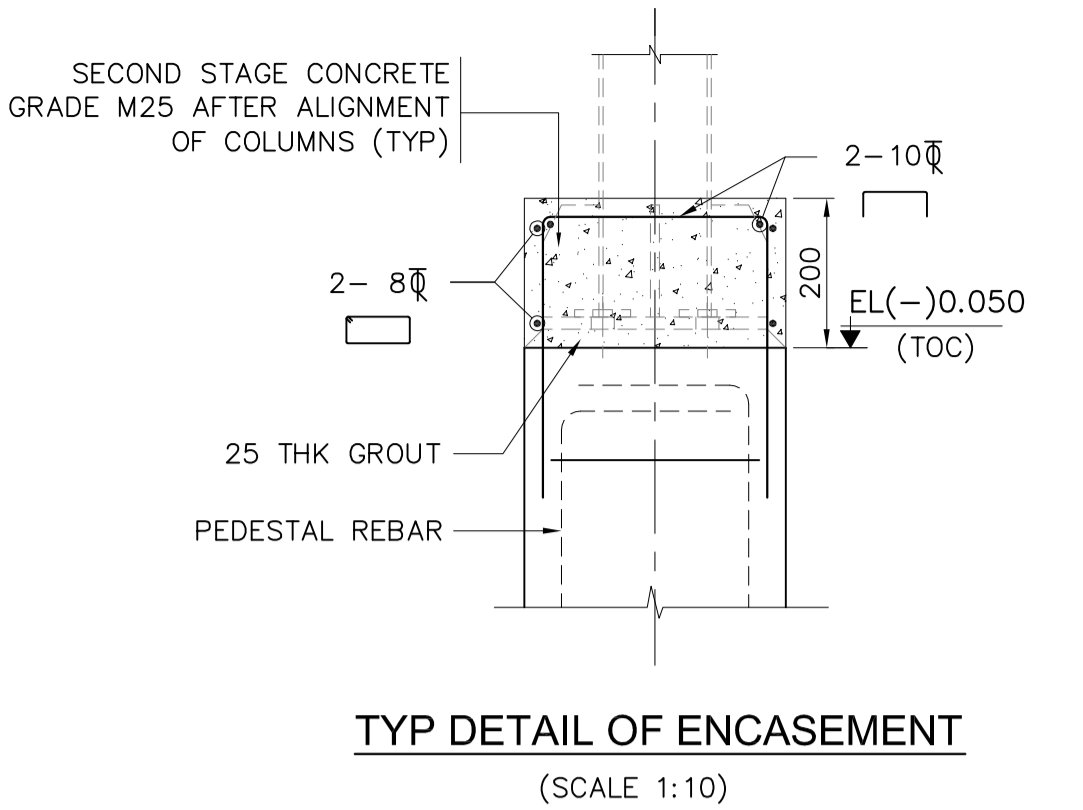
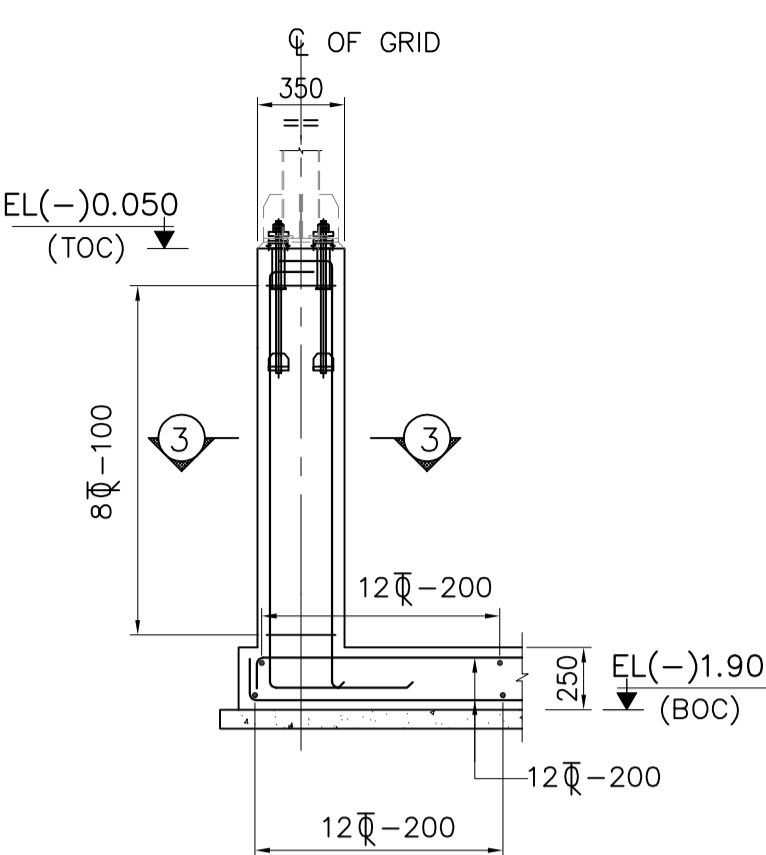
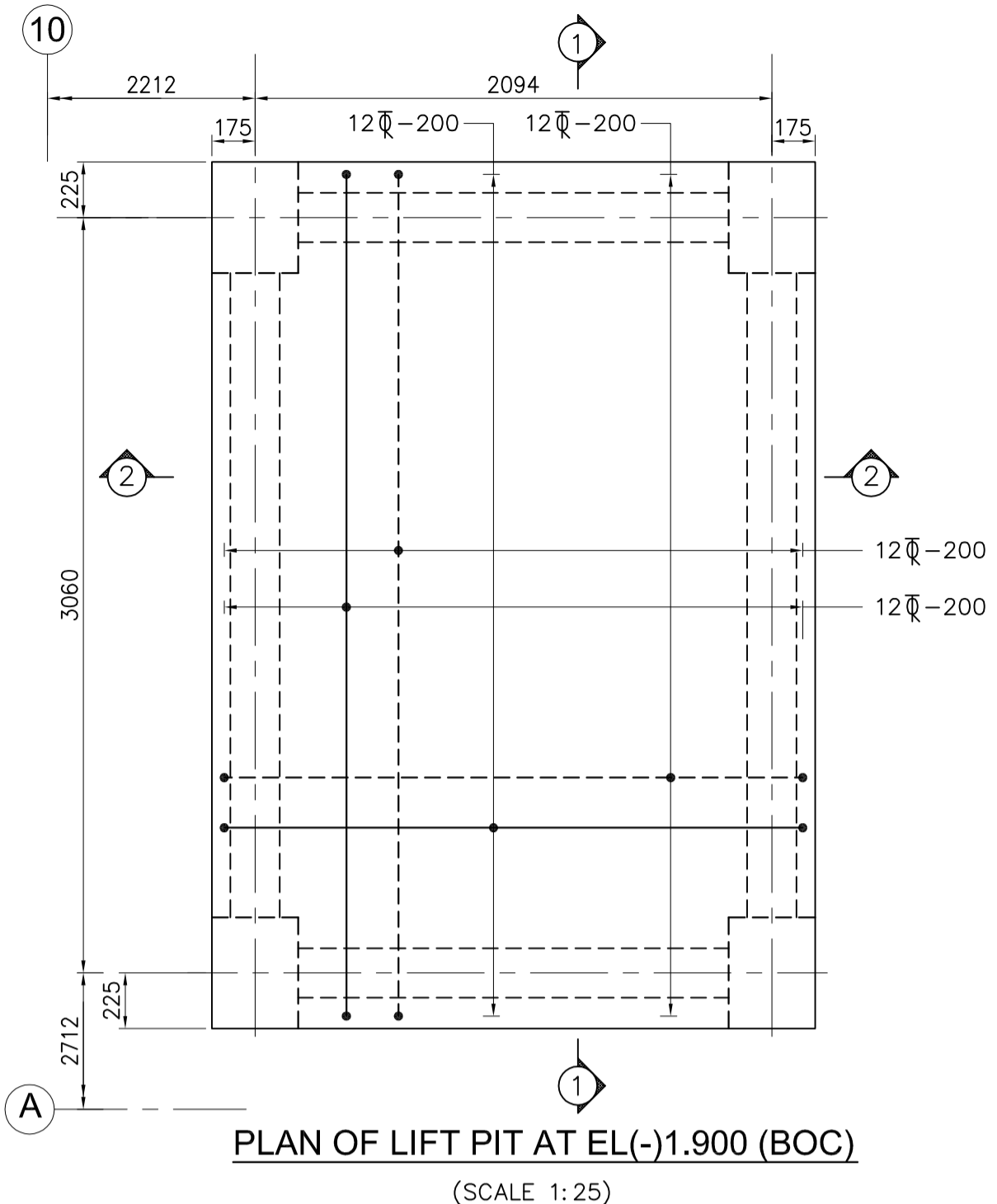
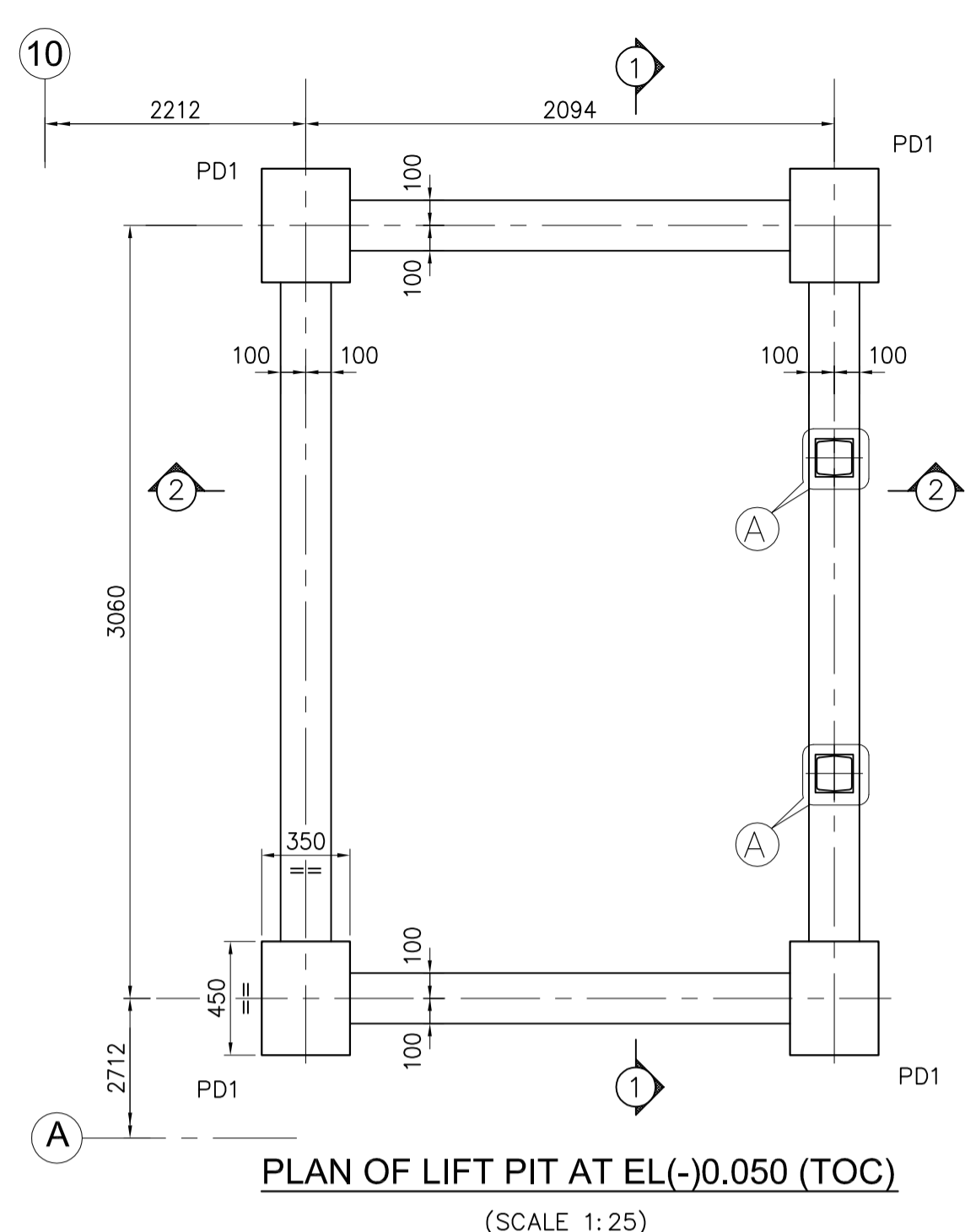
**REFERENCE DRAWINGS**

(CONSTRUCTION)

- PE-DG-294-600-C001 - STANDARD NOTES FOR RCC WORKS
- PE-DG-294-600-C004 - STANDARD DETAILS FOR STRUCTURAL STEEL WORK
- PE-DG-294-612-C002 - FRAMING ELEVATION ON GRID - (A)
- PE-DG-294-611-C017 - LAYOUT OF GRADE SLAB AND DETAILS (SH-1)
- PE-DG-294-611-C018 - LAYOUT OF GRADE SLAB AND DETAILS (SH-2)
- PE-DG-294-611-C019 - LAYOUT OF GRADE SLAB AND DETAILS (SH-3)
- PE-DG-294-611-C039 - ARCHITECTURAL PLAN AT  $EL(\pm)0.000M$  LVL

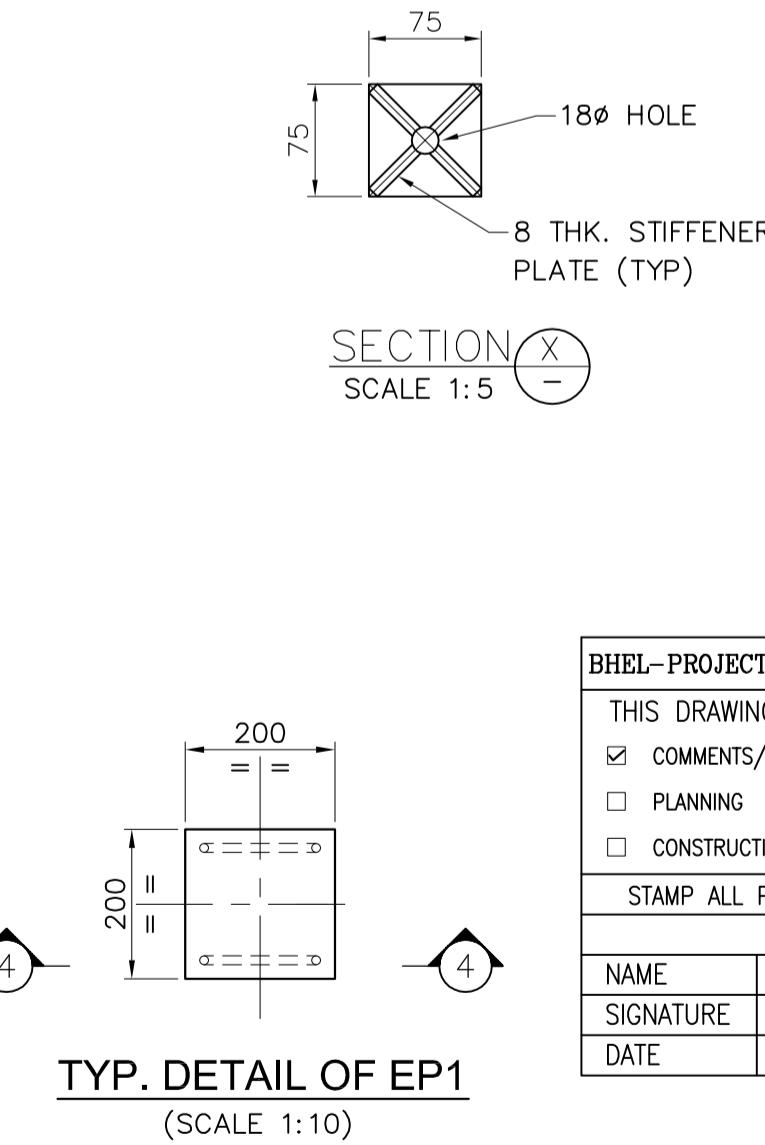
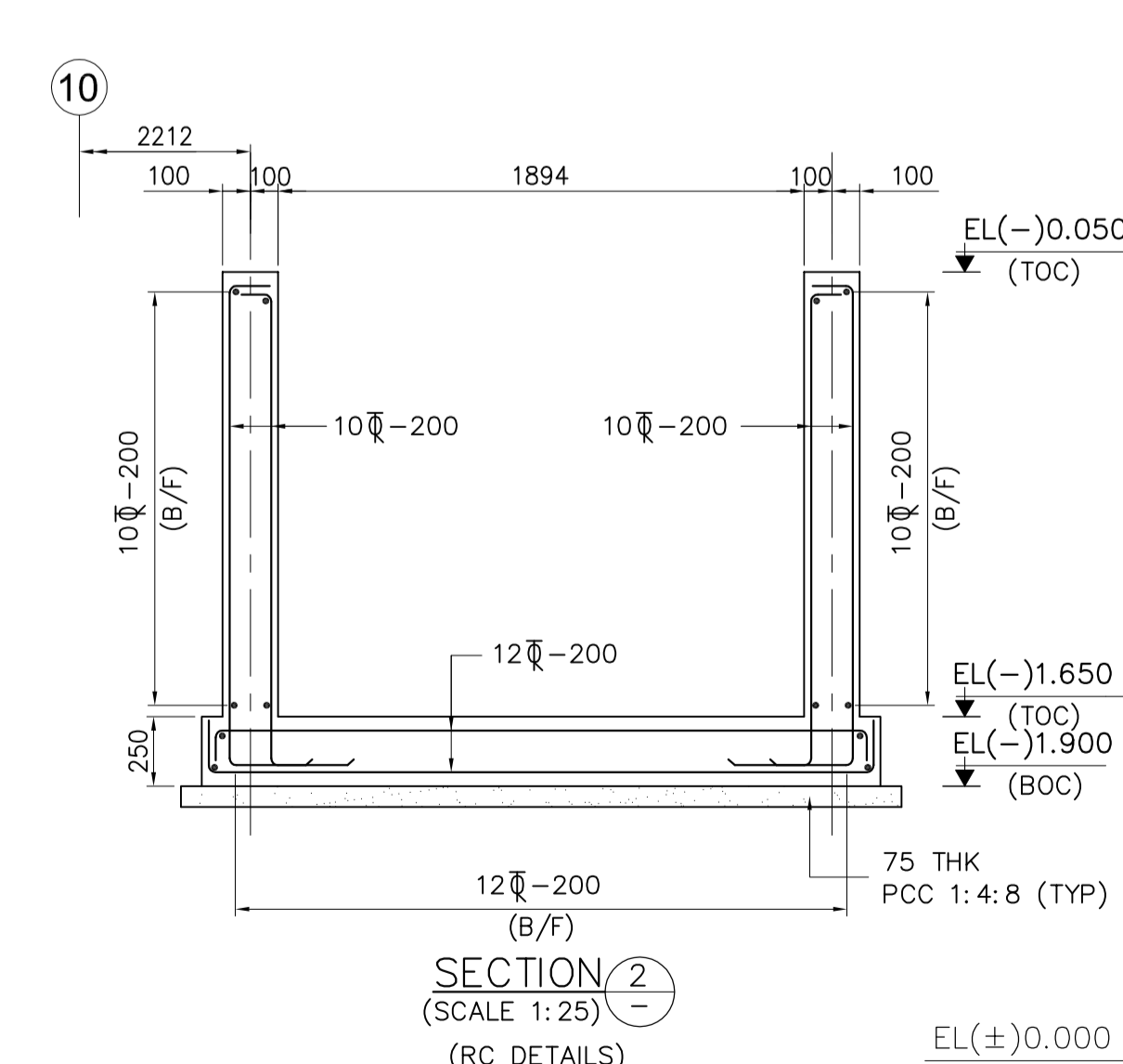
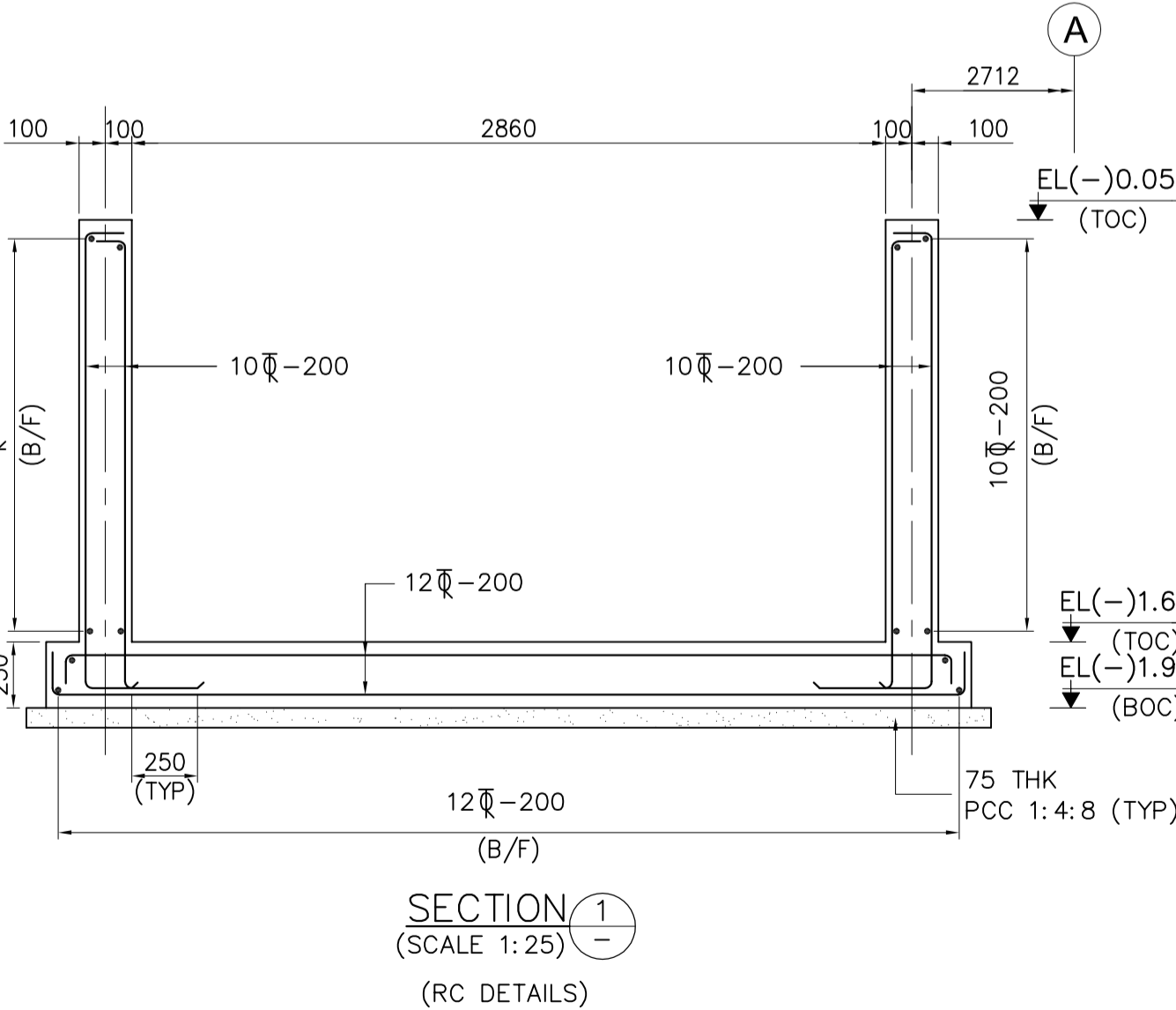
(ENGINEERING)

- PE-DG-294-100-M001 - PLOT PLAN
- PE-DG-294-100-M002 - MAIN PLANT EQUIPMENT LAYOUT
- PE-DG-294-100-M003 - T.G EQUIPMENT LAYOUT PLAN AT 0.0M
- PE-DG-294-100-M004 - T.G EQUIPMENT LAYOUT PLAN AT 8.5M, 12M & 13.5M



**BILL OF QUANTITIES (APPROX.)**

SL.NO.	DESCRIPTION	UNIT	QUANTITY
1	RCC (M25)	Cu.M	6.00
2	PCC 1:4:8	Cu.M	0.10
<b>REINFORCEMENT</b>			
8 Ø		MT	0.04
10 Ø		MT	0.26
12 Ø		MT	0.18
16 Ø		MT	0.05
			<b>TOTAL</b>
			0.53



**BHEL-PROJECT ENGINEERING MANAGEMENT(CIVIL)**

THIS DRAWING MARKED(✓) IS RELEASED FOR

<input checked="" type="checkbox"/> COMMENTS/APPROVAL	<input type="checkbox"/> FABRICATION
<input type="checkbox"/> PLANNING	<input type="checkbox"/> INFORMATION
<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> AS BUILT DRAWING

STAMP ALL PREVIOUS REVISION AS SUPERSEDED

ISSUED BY

NAME	KSHITU AGARWAL
SIGNATURE	
DATE	

**TATA CONSULTING ENGINEERS LIMITED**

**VENDOR DOCUMENT REVIEW STATUS**

- A. Drawing approved as submitted proceed with fabrication /construction.
- B. Drawing approved subject to comments notes proceed with fabrication /construction considering our comments.
- C. Our comments are noted on this marked up print.
- D. Our comments are noted in memo attached to the forwarding transmittal letter No..... Dated.....
- E. Correct original of this drawing to reflect our comments and resubmit for approval.
- F. Correct original of this drawing to reflect our comments and resubmit for records.
- G. Drawings of this category are for information only and not for approval. Information furnished on the drawing is noted.
- H. Drawing reviewed against our previous comments and other revisions highlighted and identified by the vendor.
- I. Drawing returned without review.

Approval conveyed herein neither relieves Vendor / Contractor of his contractual obligations and his responsibilities for correctness of dimensions, materials of construction, weights, quantities, design details, assembly fits, system/performance requirements and conformity of supplies with Indian statutory Laws as may be applicable nor does it limit the Purchaser's rights under the contract.

Reviewed by:.....Date.....

THIS DRG. IS TO BE READ IN CONJUNCTION WITH DRG. NO. PE-DG-294-612-C058

**GUJARAT STATE ELECTRICITY CORPORATION LIMITED**  
1x500 MW, UNIT # 6, UKAI THERMAL POWER STATION

**TATA CONSULTING ENGINEERS LIMITED**

DRN	CS	NAME	SIGN	DATE
DESN	MAP			30.04.2015
CHD	MAP			30.04.2015
APPD	ST			30.04.2015

**POWER HOUSE BUILDING**  
GA AND RC DETAILS OF LIFT PIT NEAR (A) ROW STAIRCASE

CV ME EL I&C DEPT. SCALE: 1:1 DRAWING NO. PE-DG-294-611-C065

SHEET 1 OF 1 REV. 0

**JOB NO. 294**

**STATUS CONTRACT**

**DISTRIBUTION**

REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD

COMPUTER FILE NAME: PE-DG-294-611-C065-R00-20150430

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