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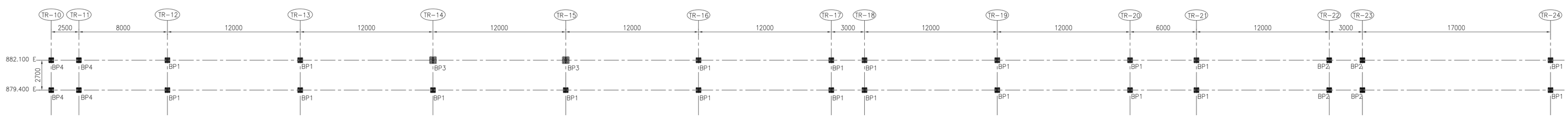
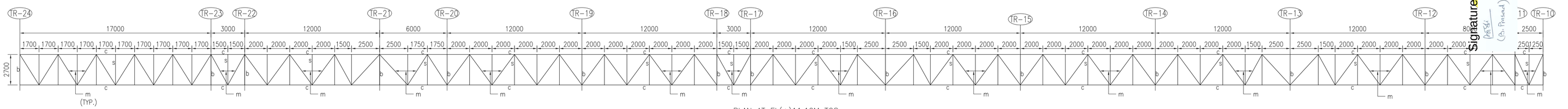
DRAWING No. PE-DG-434-675-C017

CUSTOMER'S DRAWING No. 9586-001-315-PVC-C-1465

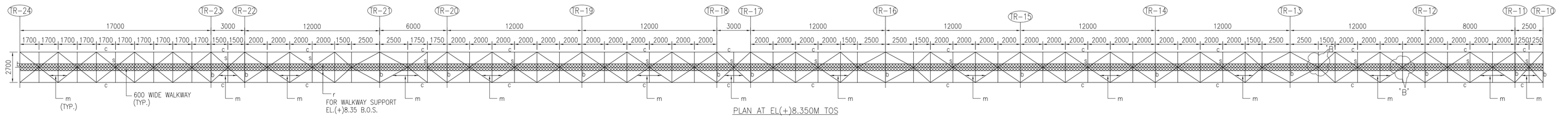
NORTH



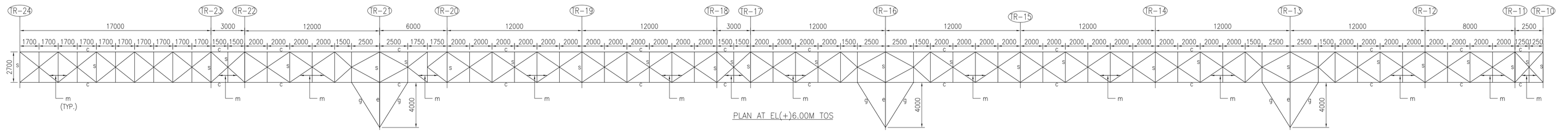
PLAN AT EL(+)2.80M & EL(−)2.20 (B.O.B.P)
(SCALE 1:100)



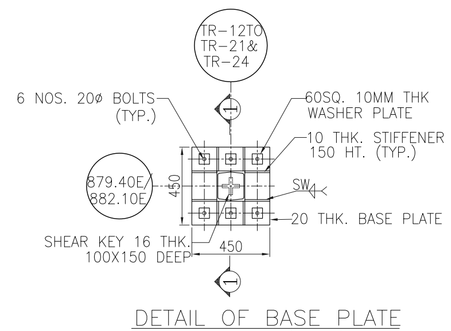
PLAN AT EL(+)11.10M TOS



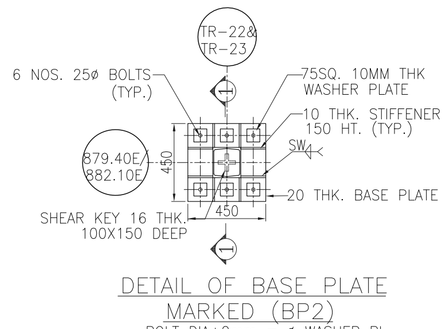
PLAN AT EL(+)8.350M TOS



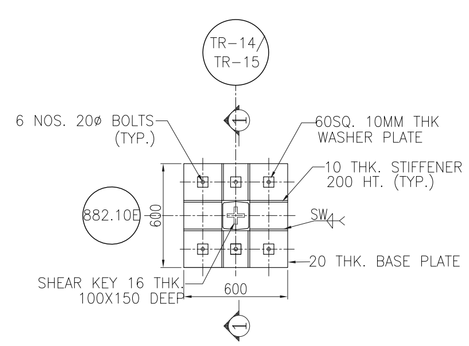
PLAN AT EL(+)6.00M TOS



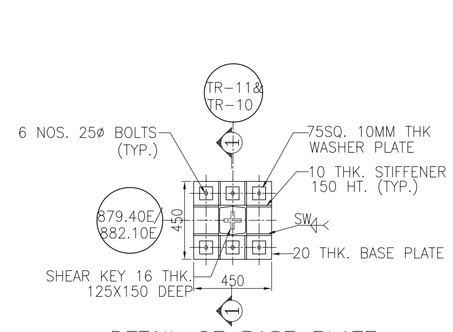
DETAIL OF BASE PLATE MARKED (BP1)
BOLT DIA+2mm = ø WASHER PL.
BOLT DIA+10mm = ø BASE PL.
(SCALE 1:25)



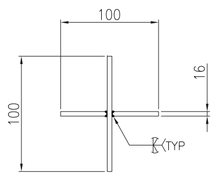
DETAIL OF BASE PLATE MARKED (BP2)
BOLT DIA+2mm = ø WASHER PL.
BOLT DIA+10mm = ø BASE PL.
(SCALE 1:25)



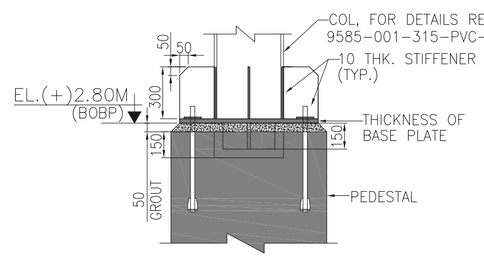
DETAIL OF BASE PLATE MARKED (BP3)
BOLT DIA+2mm = ø WASHER PL.
BOLT DIA+10mm = ø BASE PL.
(SCALE 1:25)



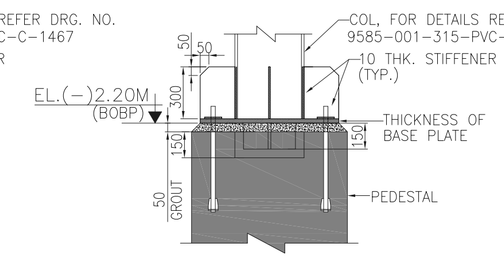
DETAIL OF BASE PLATE MARKED (BP4)
BOLT DIA+2mm = ø WASHER PL.
BOLT DIA+10mm = ø BASE PL.
(SCALE 1:25)



SHEAR KEY



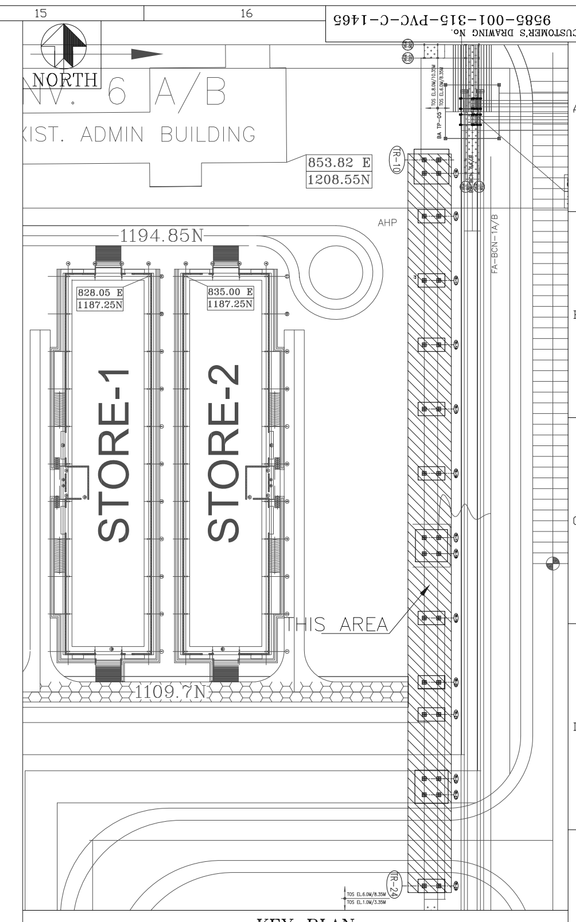
TYP. SECTION 1−1
(FOR TR−10 TO TR−21)
(SCALE 1:25)



TYP. SECTION 1−1
(FOR TR−22,TR−23 &TR−24)
(SCALE 1:25)

BILL OF MATERIAL:−
(FOR BASE PLATE)

SL.NO.	ITEM	WT. (MT)
1	10 THK. PL.	0.25
2	16 THK. PL.	0.20
3	20 THK. PL.	2.10
	TOTAL	2.55 T



KEY PLAN

NOTES:−

1. ALL DIMENSIONS ARE IN MILLIMETERS, CO−ORDINATES & LEVELS IN METERS.
2. ALL ELEVATIONS ARE REFERRED TO FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AT EL(±)0.00 WHICH CORRESPONDS TO RL (+)375.50M. ABOVE MSL.
3. ALL STRUCTURAL CONCRETE SHALL BE OF GRADE M−25 UNLESS OTHERWISE NOTED.
4. ALL REINFORECEMENT SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS Fe500D/Fe500 CONFIRMING TO IS:1786 (LATEST).
5. ALL COLUMN SHALL BE BUTT WELDED TO BASE PLATE.
6. ALL BUTT WELDS ARE FULL STRENGTH & SHALL BE RADIOLOGICALLY TESTED.
7. DETAILS OF CONNECTION GIVEN ON DRAWING ARE INDICATIVE. ACTUAL DETAILS SHALL BE DESIGNED AND DETAILED BY FABRICATOR/ DETAILER FOR INDIVIDUAL MEMBERS.
8. QUANTITIES INDICATED IN BILL OF MATERIALS ARE APPROXIMATE AND DO NOT INCLUDE FOR SPLICING, GUSSETS, CONNECTIONS & WASTAGES.
9. THICKNESS OF STIFFNER MKD. AS S1 SHALL BE SAME AS THICKNESS OF COLUMN FLANGE PLATE S1 WILL BE BUTT WELDED TO COLUMN FLANGE. INCASE OF BUILT−UP COLUMN SECTION WITH PLATE (MB WITH T & B PLATE) S1 TO BE WELDED TO THE PLATE.
10. FOR ALL OTHER NOTES GRADE OF STEEL REFER DRG. NO. 9585−001−315−PVC−C−0089A

ENGINEERING REFERENCE DRAWING:

1. PE−DG−434−100−M001 − PLOT PLAN(R4) (9585−001−999−PGC−F−001)
2. PE−DG−434−100−M054−R2 − YARD PIPING & TRESTLE LAYOUT 3&4 (AREA FROM BOILER, ESP UNIT−1 TO FOPH FACILITIES.

CONSTRUCTION REFERENCE DRAWING:

1. PE−DG−434−675−C016 − PIPE RACK PR−3−BOP AREA−GA&RC DETAILS OF FOUNDATION (9585−001−315−PVC−C−1465) & PEDESTALS
2. PE−DG−434−675−C018 − PIPE RACK PR−3−BOP AREA−STRUCTURAL LAYOUT & DETAIL (9585−001−315−PVC−C−1467)

THIS DRG SHALL BE READ IN CONJUCTION WITH NTPC DRG NO. 9585−001−315−PVC−C−1467

SPECIAL NOTES

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ISSUED BY	
NAME	ABHAY KUMAR
SIGNATURE	For
DATE	11/02/2020

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☐ CONSTRUCTION	
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ISSUED BY	
NAME	ABHAY KUMAR
SIGNATURE	−Sd−
DATE	22/01/2020

NTPC DWG. NO. 9585−001−315−PVC−C−1466

CUSTOMER
NTPC LIMITED

3X800MW PATRATU SUPER THERMAL POWER PROJECT

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

JOB NO. 434
STATUS
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	DESIN	ANSHU	−SD−	02/01/2020
	CHD	ABHAY	−SD−	02/01/2020
	APPD	AKS	−SD−	02/01/2020

TITLE
PIPE RACK PR−3
BOP AREA−STRUCTURAL LAYOUT & DETAILS

DEPT. SCALE: 1:100
SIGN
DRAWING NO.
PE−DG−434−675−C017
SHEET 1 OF 1 REV. R0
SIZE−A0

COMPUTER FILE NAME: