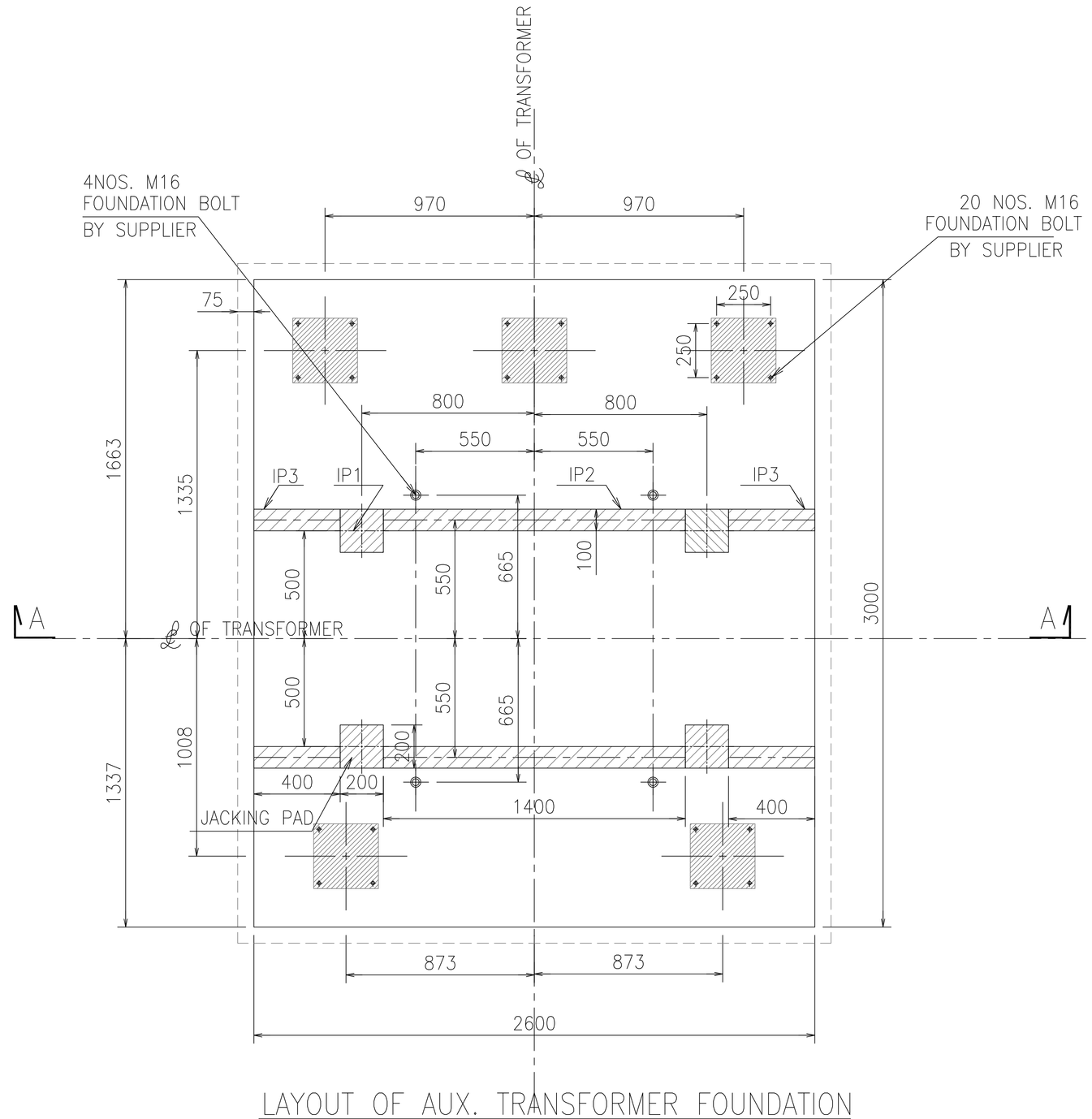
FIRST ANGLE PROJECTION

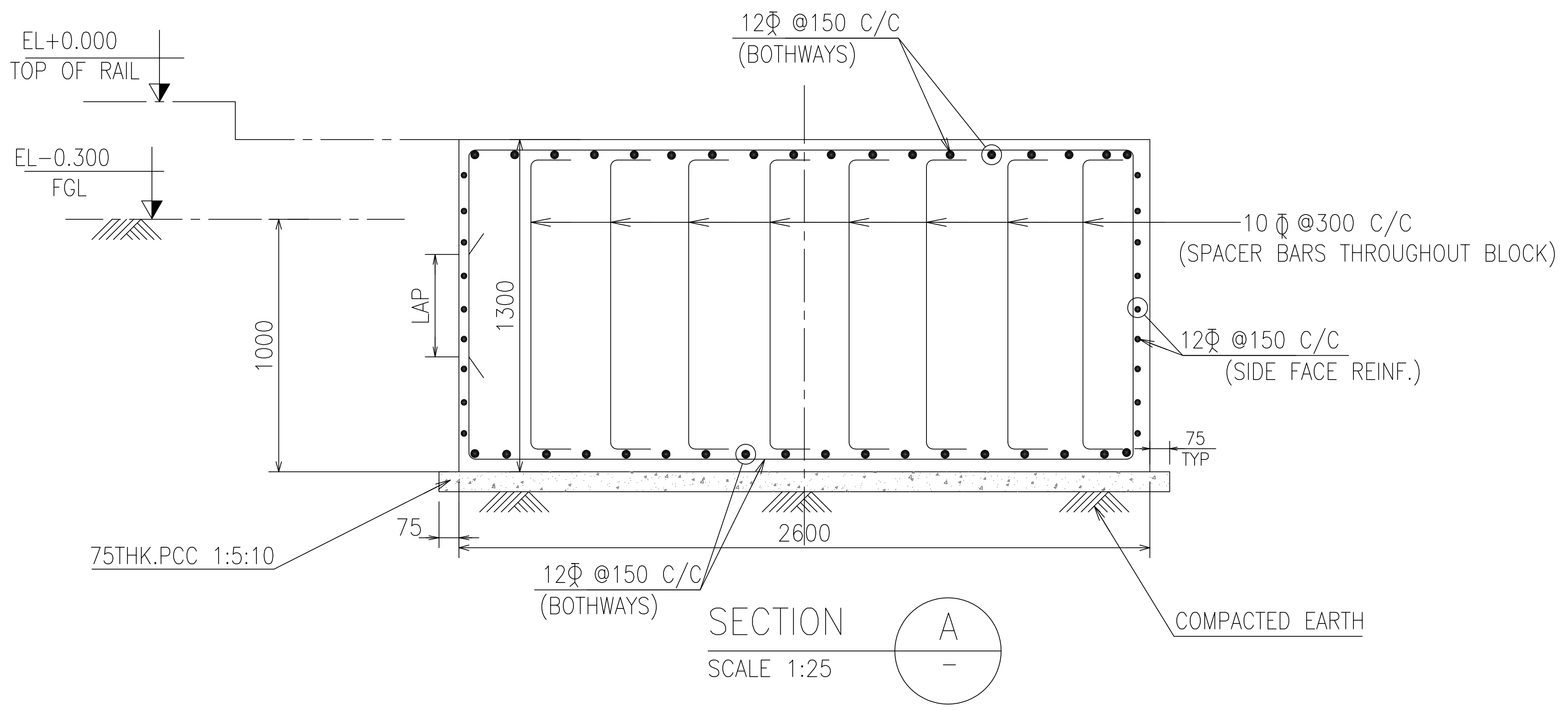
(ALL DIMENSIONS ARE IN mm)

DRG. NO. PY-DR-3-M086-1260-01

SH. 01 OF 02

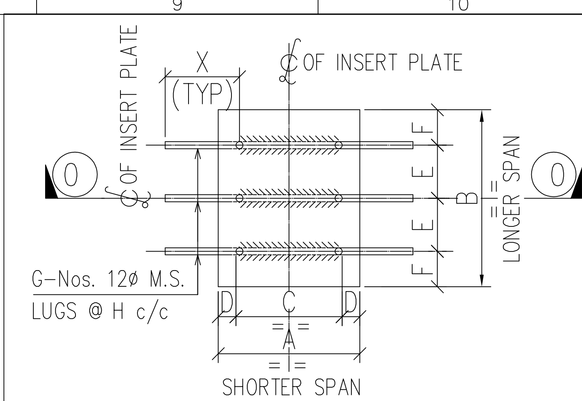


LAYOUT OF AUX. TRANSFORMER FOUNDATION



SECTION A–A

SCALE 1:25



TYP. DETAILS OF INSERT PLATES

SECTION ⓪⓪

FIXING DETAILS OF INSERT PLATES

INSERT MARK	A	B	t THK.	Nos.	C	D	E	F	G	H	X	Y	LOCATION
IP1	200	200	10	4	150	25	75	25	3	75	75	100	TOP FACE
IP2	100	1400	10	2	50	25	100	50	14	100	25	100	TOP FACE
IP3	100	400	10	4	50	25	100	50	4	100	25	100	TOP FACE

FOR TENDER PURPOSE ONLY. FINAL DETAILS SHALL BE FURNISHED DURING DETAILED ENGINEERING.

NOTES

1. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE
2. TOP OF FOUNDATION/RAIL IS AT EL. +0.000M
3. NATURAL GROUND LEVEL IS AT EL. −0.300M.
4. ALL REINFORCEMENT SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS Fe500D CONFIRMING TO IS:1786 (LATEST).
5. GRADE OF CONCRETE FOR RCC WORKS SHALL BE M−25.
6. THIS DRAWING SHALL BE READ IN CONJUCTION WITH TERMS AND CONDITIONS OF THE CONTRACT AND SPECIFICATIONS
7. NO DIMENSIONS FROM THIS DRAWING ARE TO BE SCALED OFF AND ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.
8. CHECK ALL DIMENSIONS, CO−ORDINATES & ELEVATIONS IMMEDIATELY, REPORT ANY DISCREPANCIES, CONFLICTS OR ERROR FOR CLARIFICATION PRIOR TO COMMENCING WORK.
9. DETAILS AND SUPPLY OF FOUNDATION BOLTS BY VENDOR.
10. BAR SHALL BE LOCALLY ADJUSTED TO AVOID FOULING WITH POCKETS.
11. CLEAR COVER TO OUTERMOST REINFORCEMENT(INCLUDING TIES) SHALL BE AS FOLLOWS

MAIN REINFORCEMENT	BOTTOM	TOP	SIDE
COLUMNS	–	–	50
FOOTING	75	50	50

12. FOR LOCATION AND ORIENTATION REFER TO YARD LAYOUT.
13. 31 T/sqm CONSIDERED AS SAFE BEARING CAPACITY AS PER CLAUSE 9.0 OF APPROVED SOIL REPORT.
14. Load on foundation is 14.5 MT
15. Reinforcement is as per cl 7.6 of IS:2974−Part IV

LEGEND:−

EL − ELEVATION
THK − THICKNESS
TRFR− TRANSFORMER
EP − EMBEDED PLATE
HPP − HIGHEST PAVING POINT
FGL − FINISHED GROUND LEVEL
TOC − TOP OF CONCRETE
TYP − TYPICAL
JS − JACKING PAD

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GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

COMPUTER FILE NAME 13814211781SH01R00

REF. DRG. NO.

SIGN. AND DATE

INVENTORY NO

REV.	DATE	ALTERED CHD/APPD	ZONE

PROJECT : 65MW SOLAR PV PROJECT
NLC, NEYVELI, TAMILNADU

BHARAT HEAVY ELECTRICALS LTD. HYDERABAD

	NAME	SIGN.	DATE
DRN.	GOURI		29.09.16
CHD.	KSR		29.09.16
APPD.	ESHAN		29.09.16

NO. OF VAR.

DEPT.	UNTOL. DIMS.	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS
PE&SD	OR. ~~C/M/F~~	1:100				
CODE 450						

TITLE: INVERTER TRANSFORMER FOUNDATION DETAILS

CARD CODE N.A.

BHEL DRG. NO. PY−DR−3−M086−1260−01

REV. 00

SHT. No 01 NO. OF SHT. 02