



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 08

Ref: PSER:SCT:KLN-M1868:TCN-08

Date: 27-02-2018

Sub	TCN-08
Job	Design, Engineering, Manufacturing, Supply, Erection & Commissioning, etc. of Mill Reject System & Coal Bunker Deblocking Device for 2X660 MW Maitree Super Thermal Power Project, Rampal, Bangladesh.
Ref	1.0 Tender no PSER:SCT:KLN-C1868:17
	2.0 BHEL's NIT, vide reference no PSER:SCT:KLN-M1868:6340, Dated 15-12-2017
	3.0 BHEL's TCN-01, vide reference PSER:SCT:KLN-M1868:TCN-01, dated 02-01-2018.
	4.0 BHEL's TCN-02, vide reference PSER:SCT:KLN-M1868:TCN-02, dated 09-01-2018.
	5.0 BHEL's TCN-03, vide reference PSER:SCT:KLN-M1868:TCN-03, dated 12-01-2018.
	6.0 BHEL's TCN-04, vide reference PSER:SCT:KLN-M1868:TCN-04, dated 20-01-2018.
	7.0 BHEL's TCN-05, vide reference PSER:SCT:KLN-M1868:TCN-05, dated 29-01-2018.
	8.0 BHEL's TCN-06, vide reference PSER:SCT:KLN-M1868:TCN-06, dated 13-02-2018.
	9.0 BHEL's TCN-07, vide reference PSER:SCT:KLN-M1868:TCN-07, dated 20-02-2018.
	10.0 All other pertinent issues till date.

With reference to above, following points/ documents, relevant to tender, may please be noted and complied with while submitting offer.

- 1.0 Introduction of GA drawings to VOLUME-II, Technical specification.
- 2.0 Clarification to bidder's query as per attached Annexure-A.
- 3.0 Extension of due date of submission of offer from **27-02-2018** to **06-03-2018** (15:00 hrs).
- 4.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

SR ENGR (SCT)

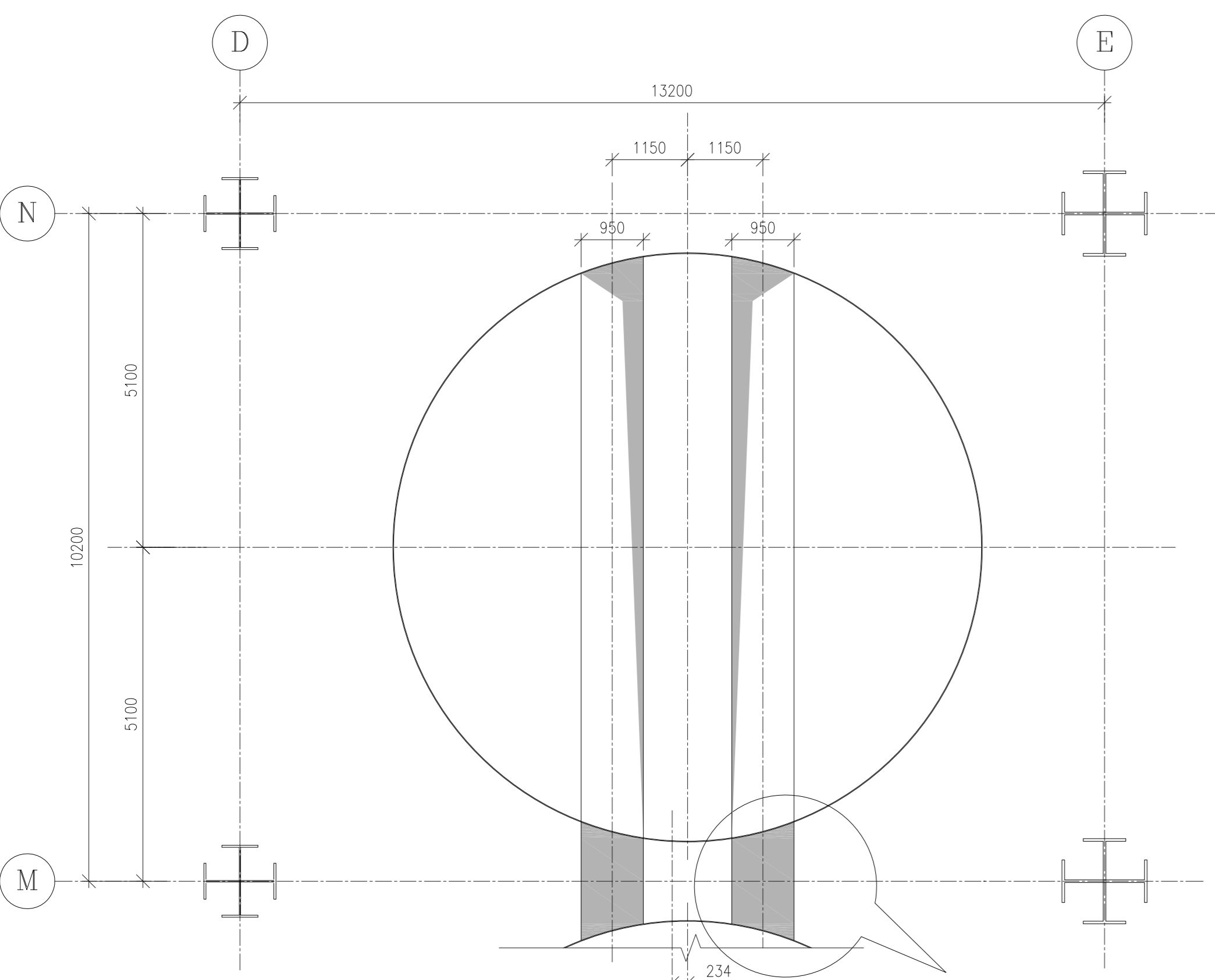
Encl: As above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

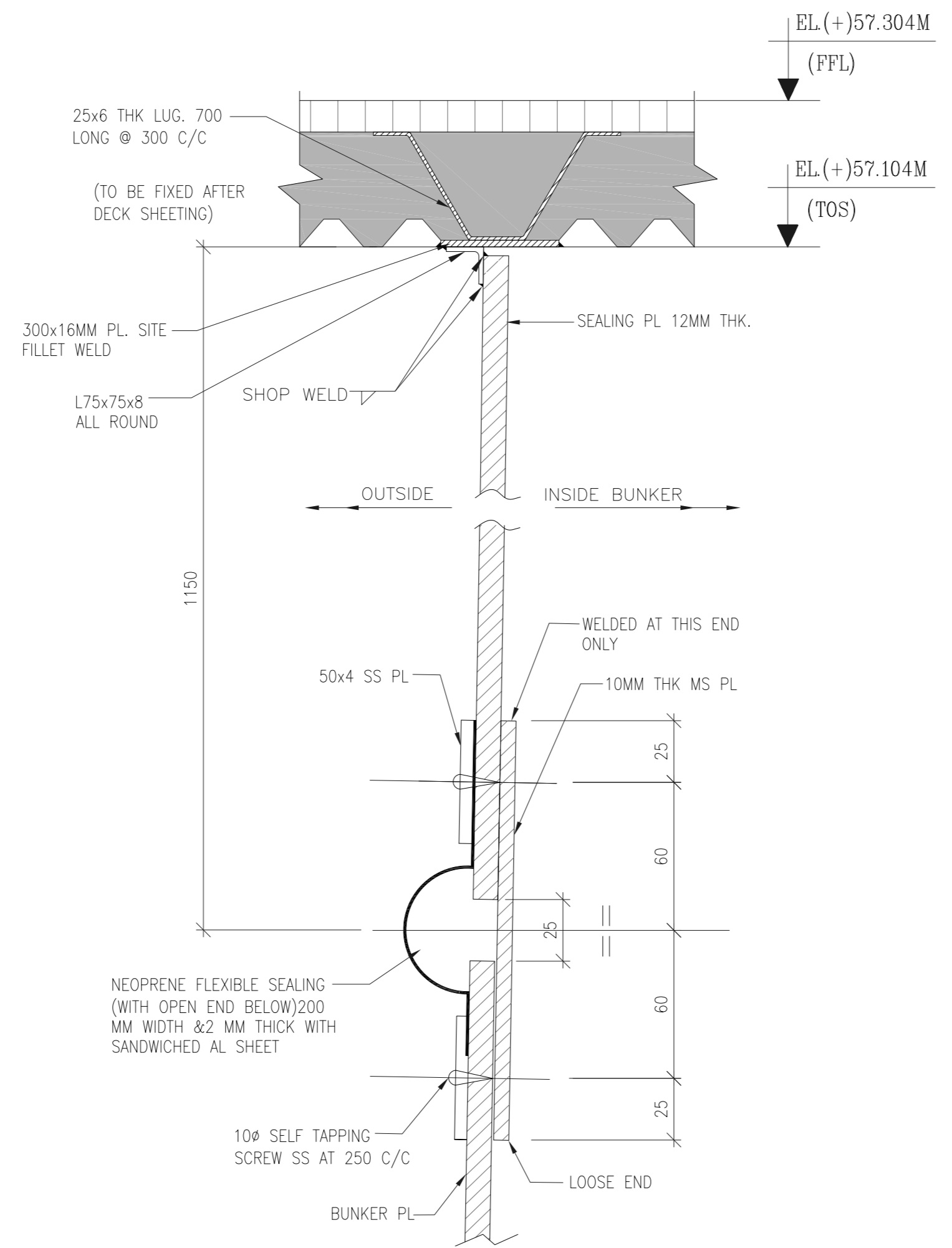
POWER SECTOR EASTERN REGION, DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

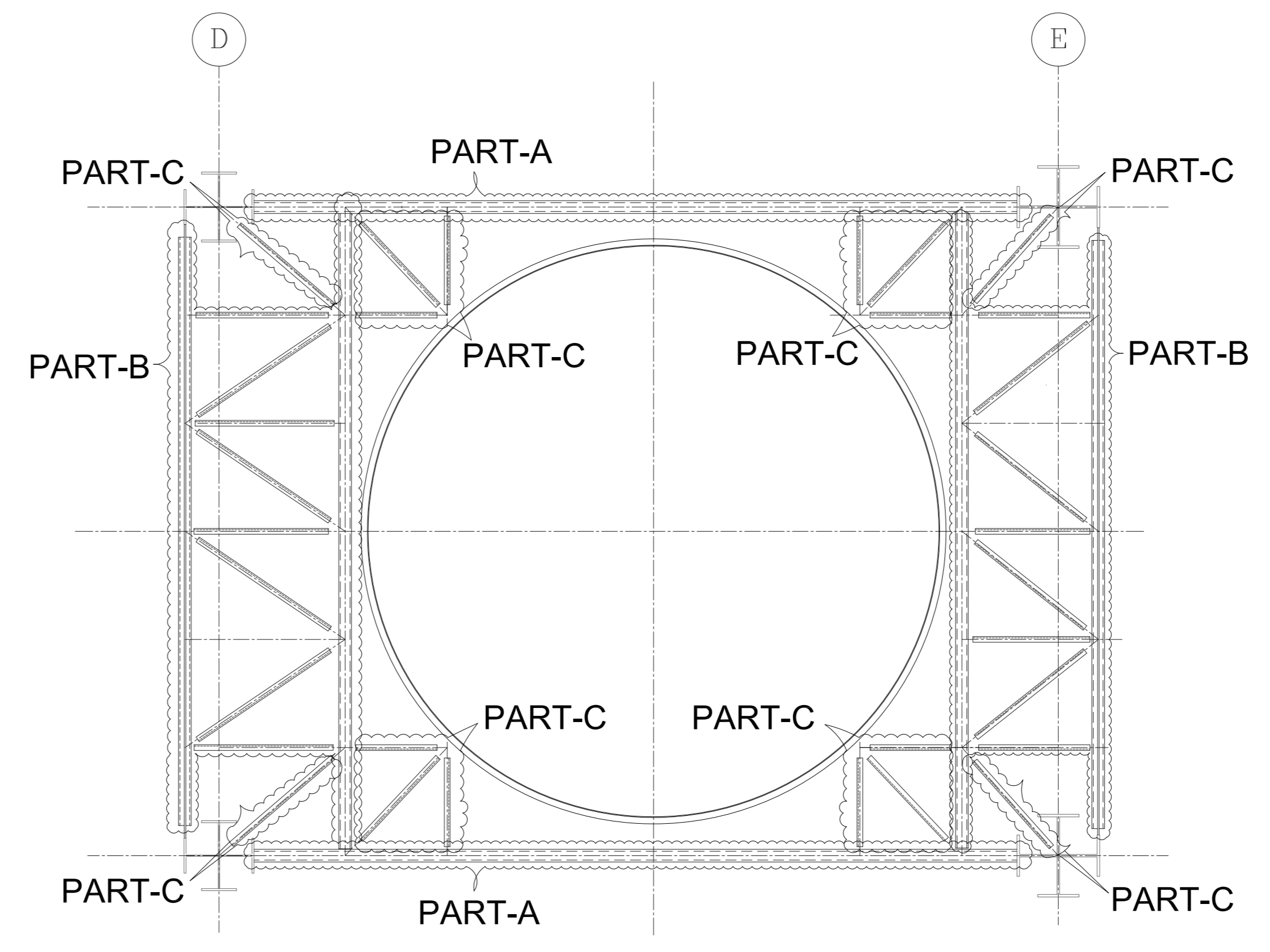
फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796



SECTION 2A-2A
(SCALE 1:100)

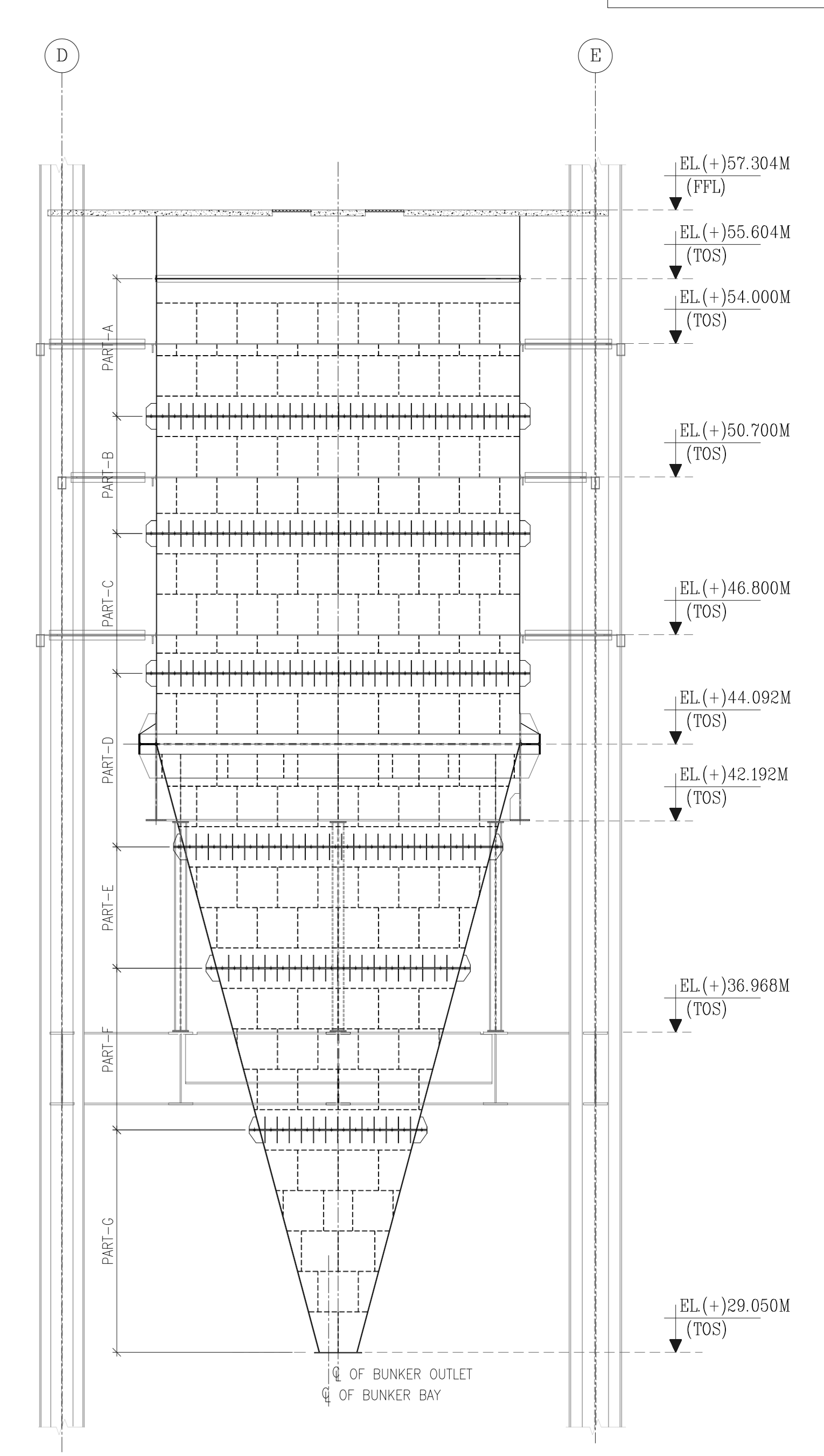


DETAIL-C



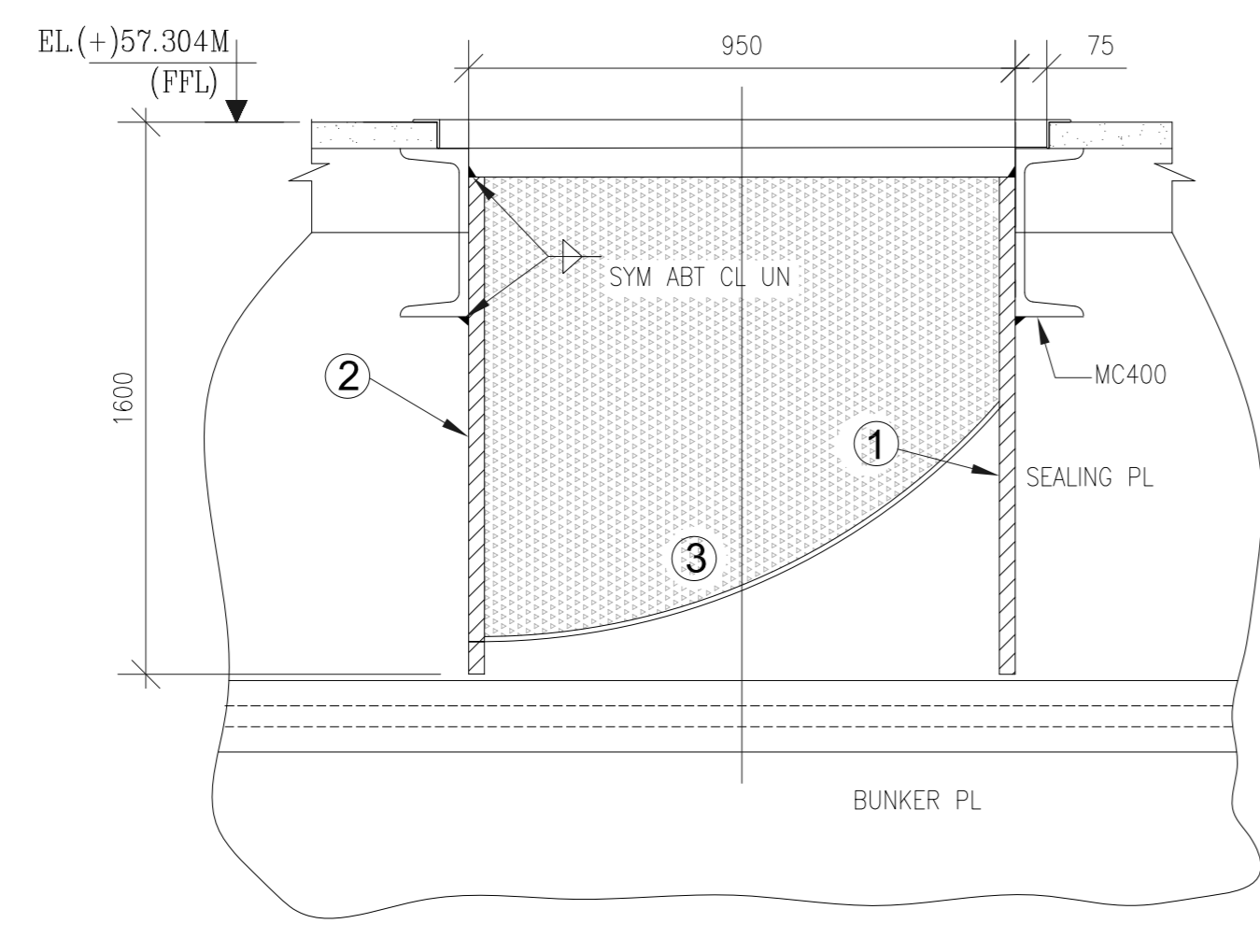
SCHEME FOR BOLTED ERECTION OF PLAN BRACINGS

- PART-A WILL HAVE CLEATS WELDED AT SUITABLE LOCATIONS WITH HOLES DRILLED IN THE OUTSTAND LEG AT SHOP. FURTHER, IT SHALL BE BOLTED TO COLUMNS AT SITE.
- PART-B WILL BE WELDED AT SHOP & FURTHER IT SHALL BE BOLTED TO PART-A MEMBERS & MAIN COLUMNS AT SITE.
- PART-C MEMBERS WILL BE SHIPPED LOOSE TO SITE & SHALL BE FIELD BOLTED AT

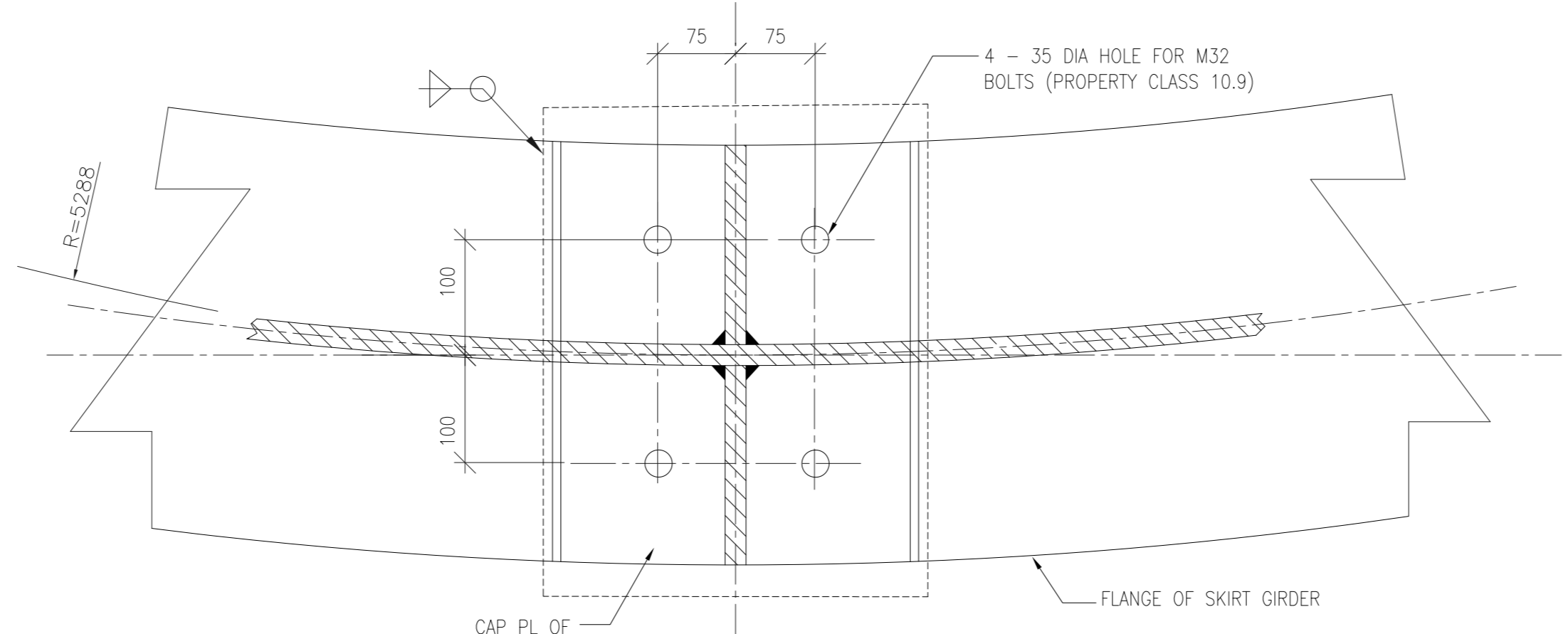


SCHEME FOR BOLTED ERECTION OF COAL SILO

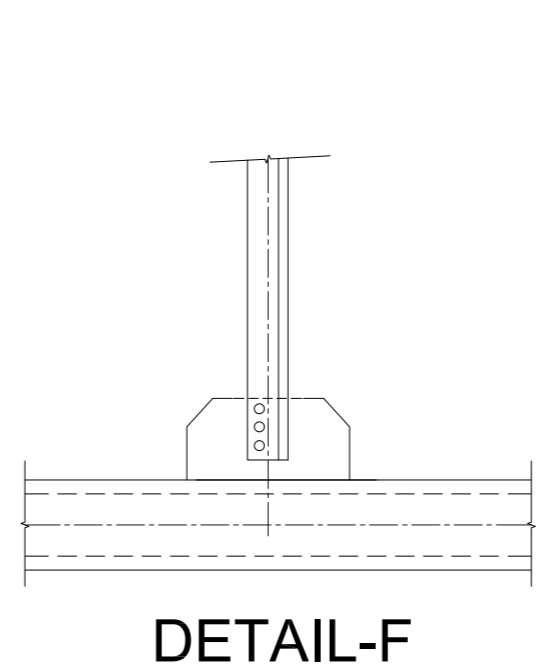
PART-A TO G SHALL BE SHOP WELDED INDIVIDUALLY & FURTHER SHALL BE JOINED AMONGST THEMSELVES THROUGH BOLTED SPLICE CONNECTIONS AT SITE.



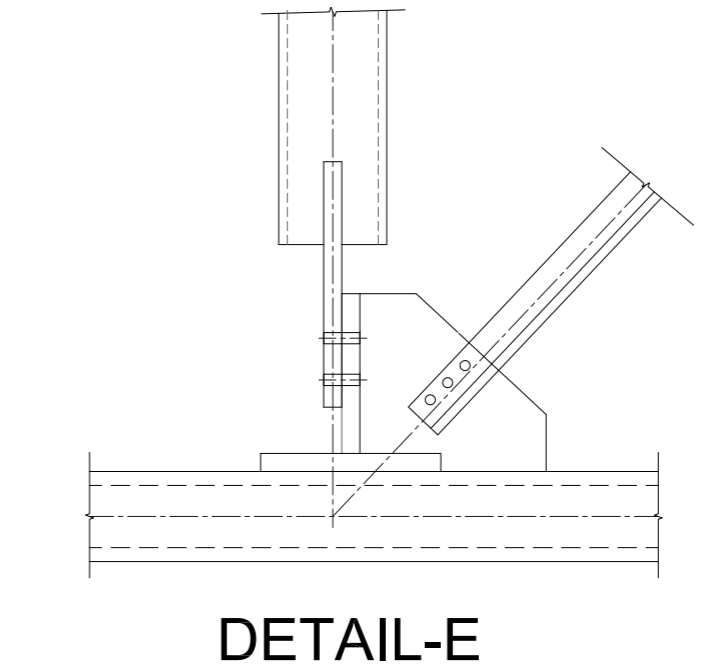
SECTION 12-12



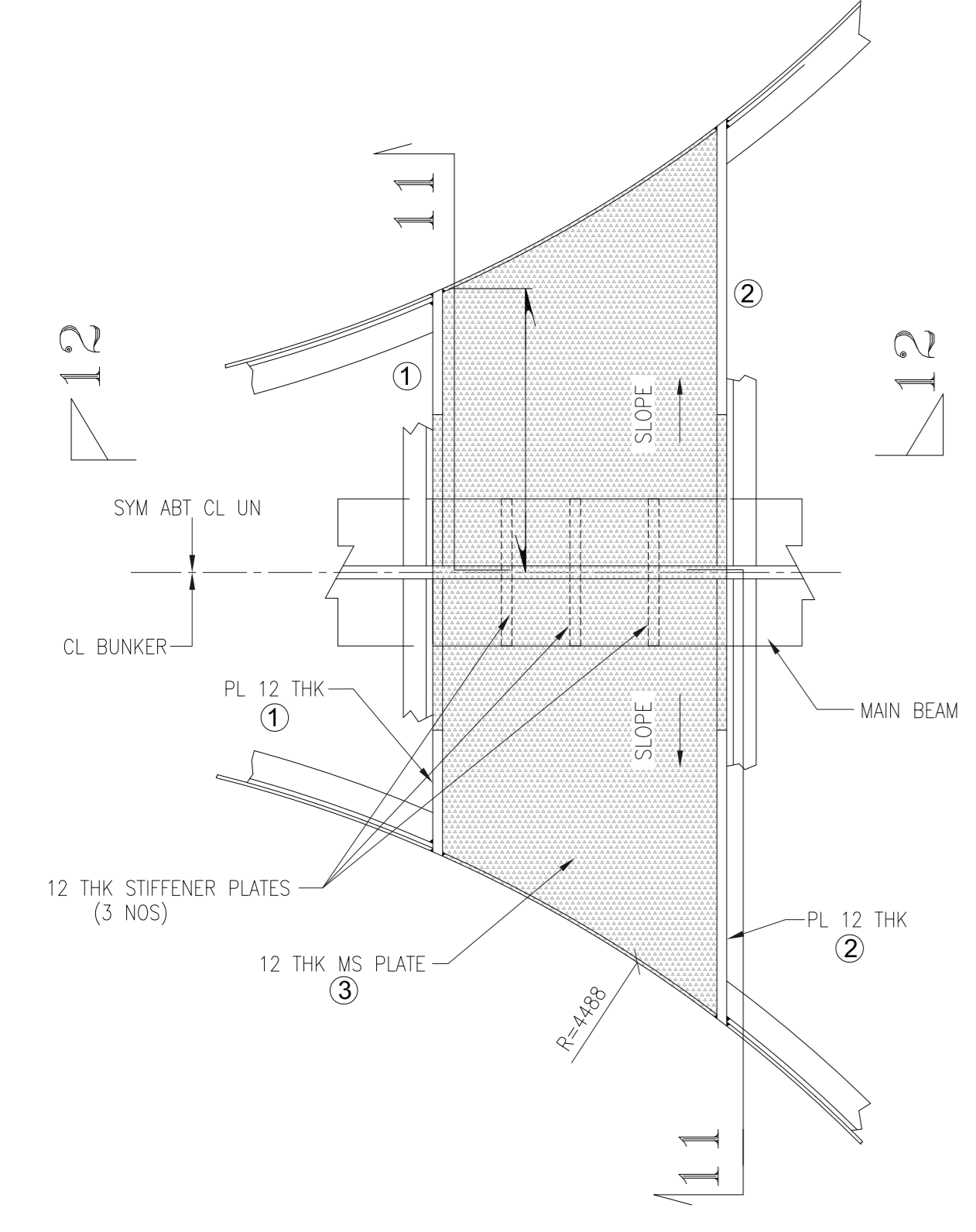
SECTION 16-16



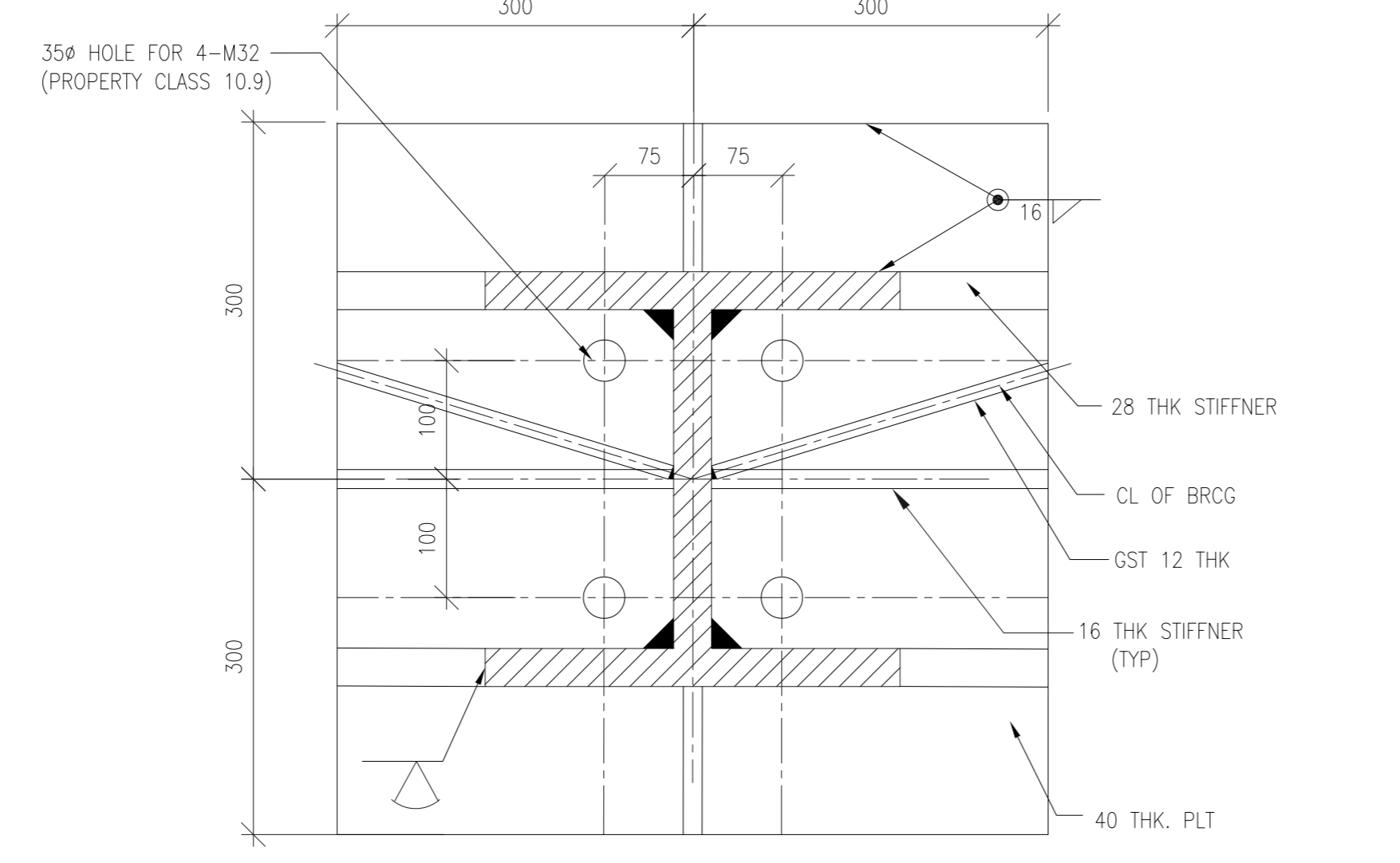
DETAIL-F



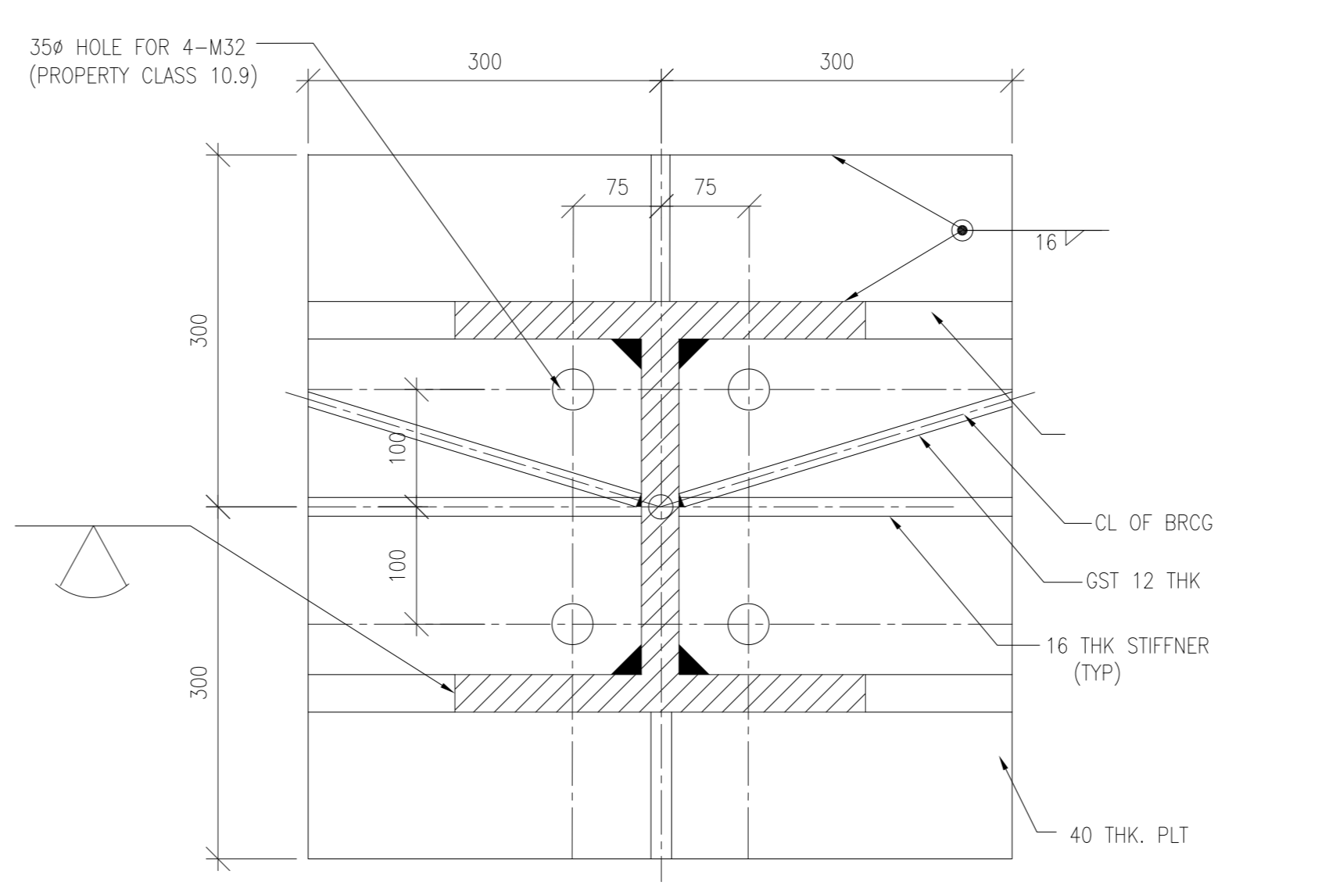
DETAIL-E



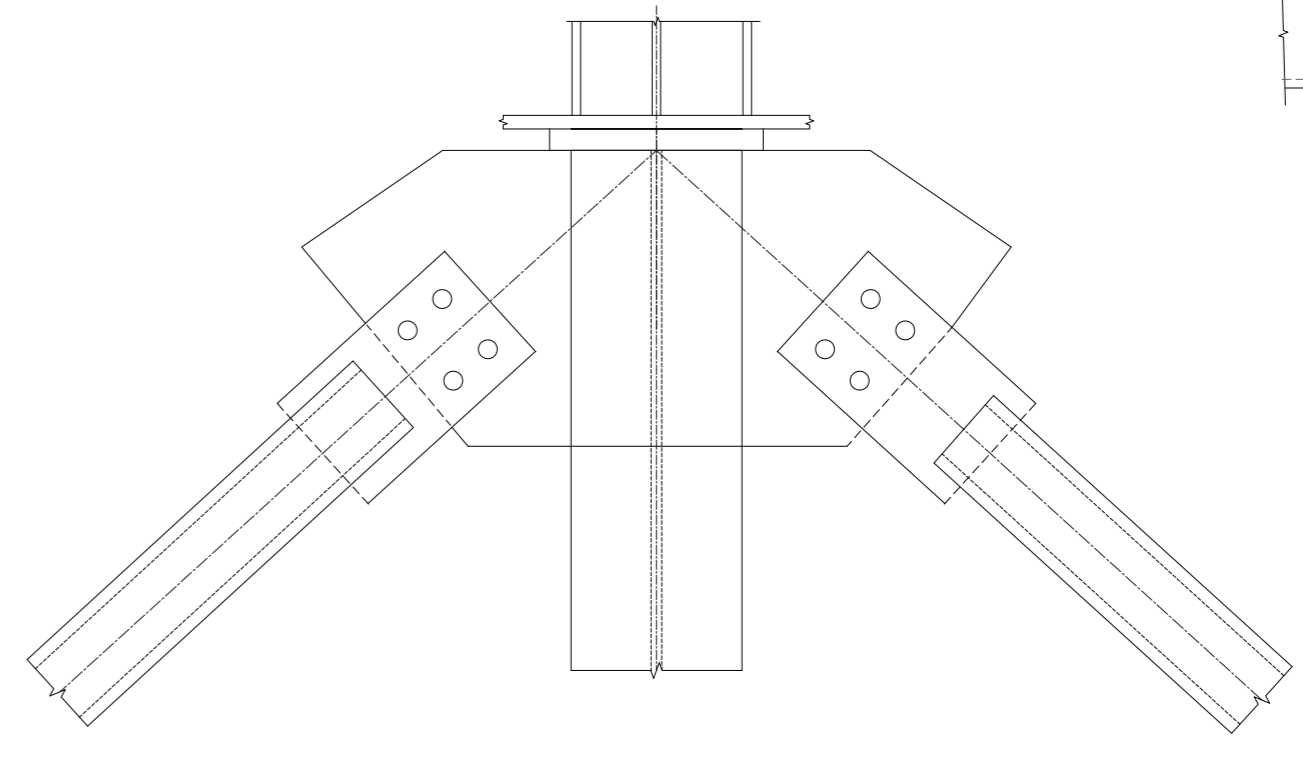
DET-G



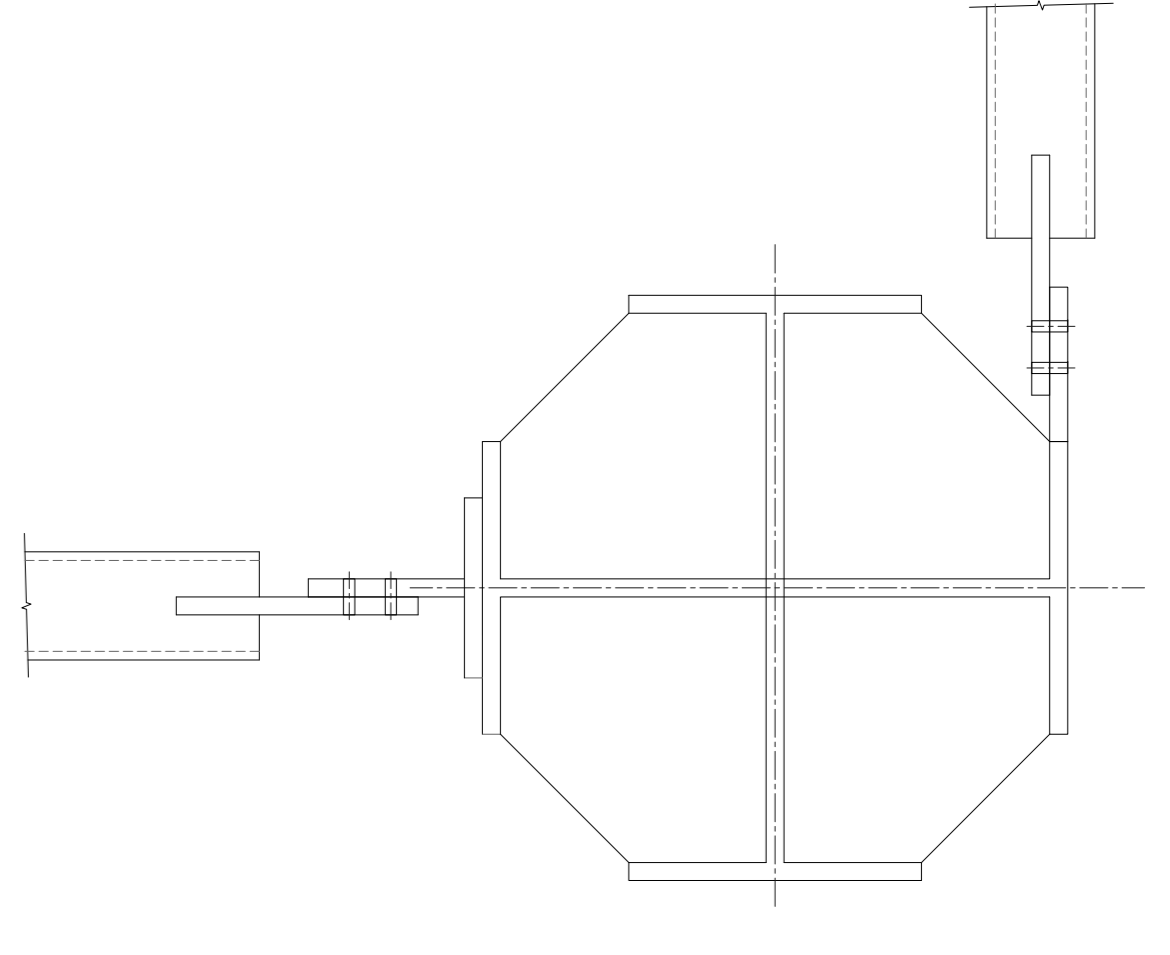
SECTION 13-13



SECTION 15-15

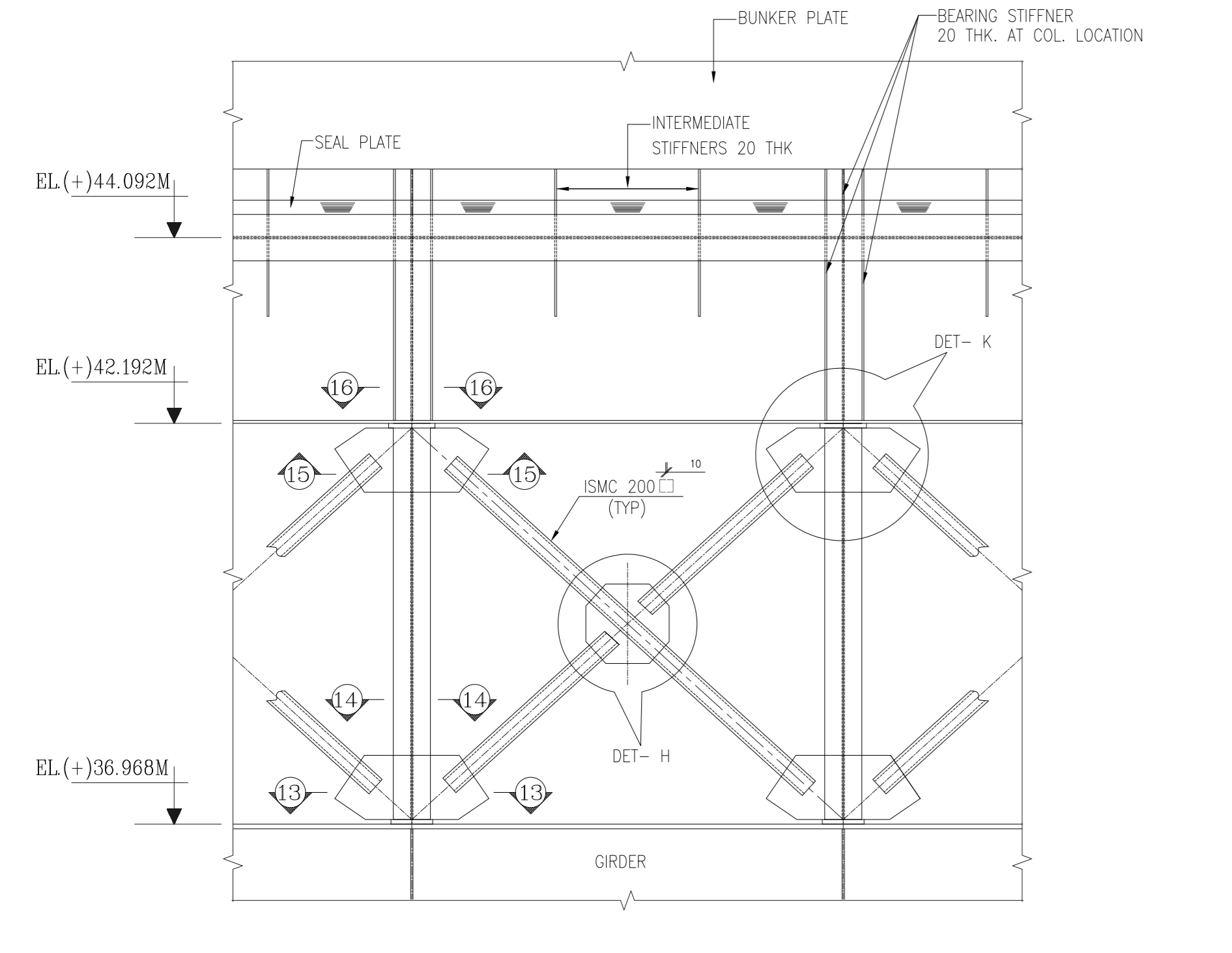


DETAIL-K

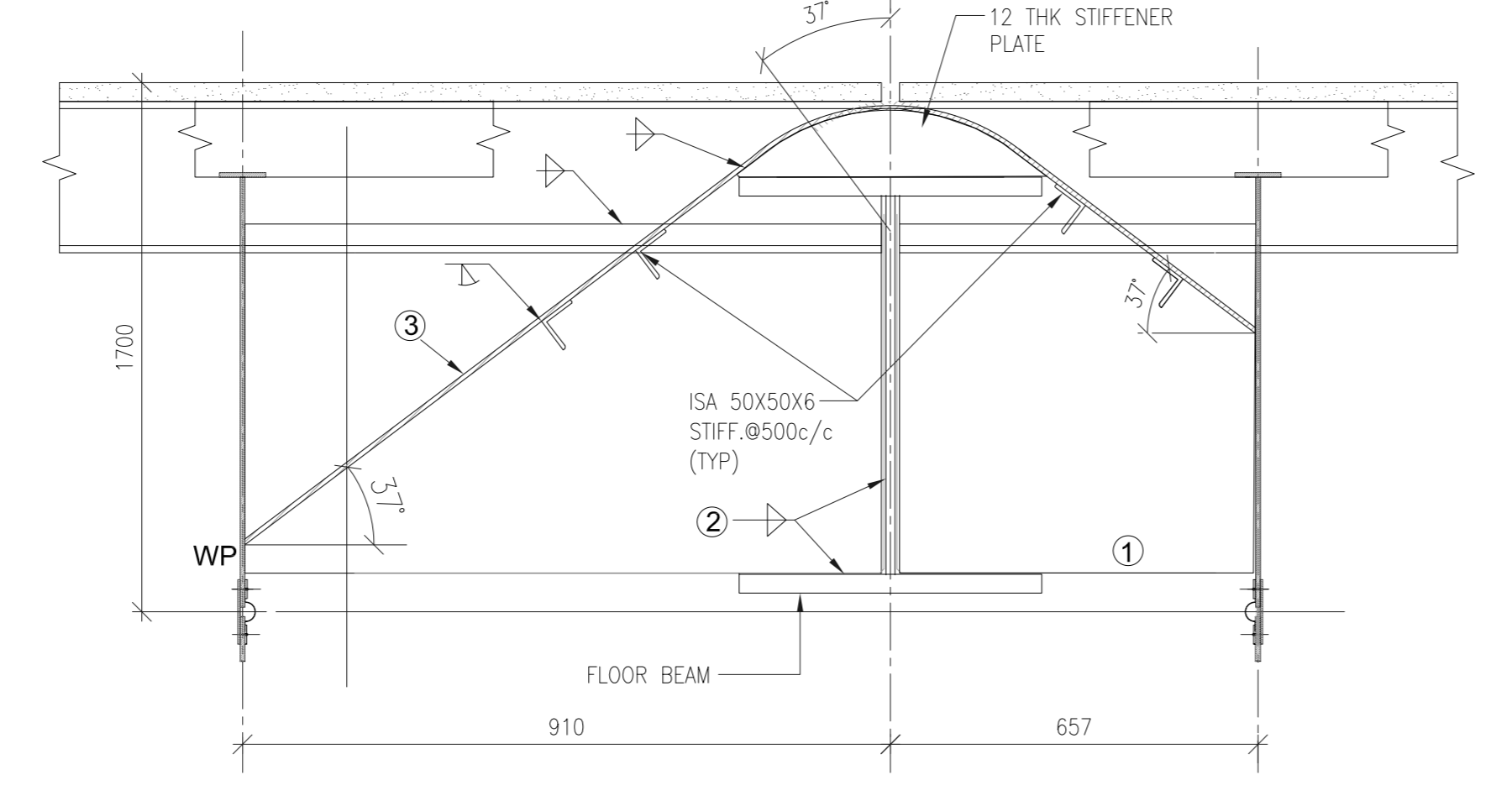


DETAIL-D

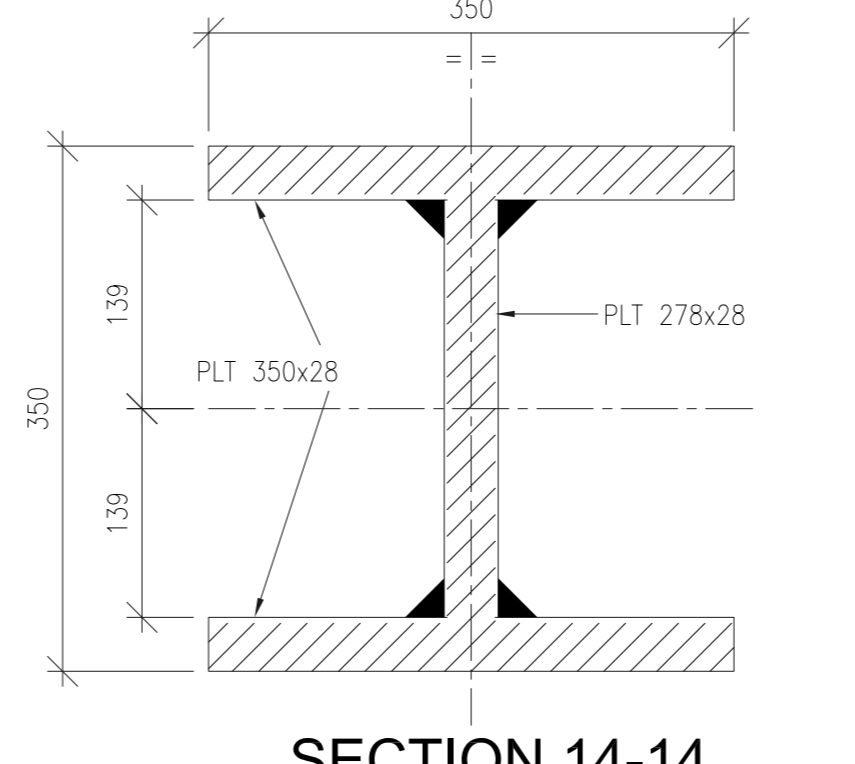
THIS DRG. SHALL BE READ IN CONJUNCTION WITH DRG. MAITREE-00-UHF-LC-101416-PEM



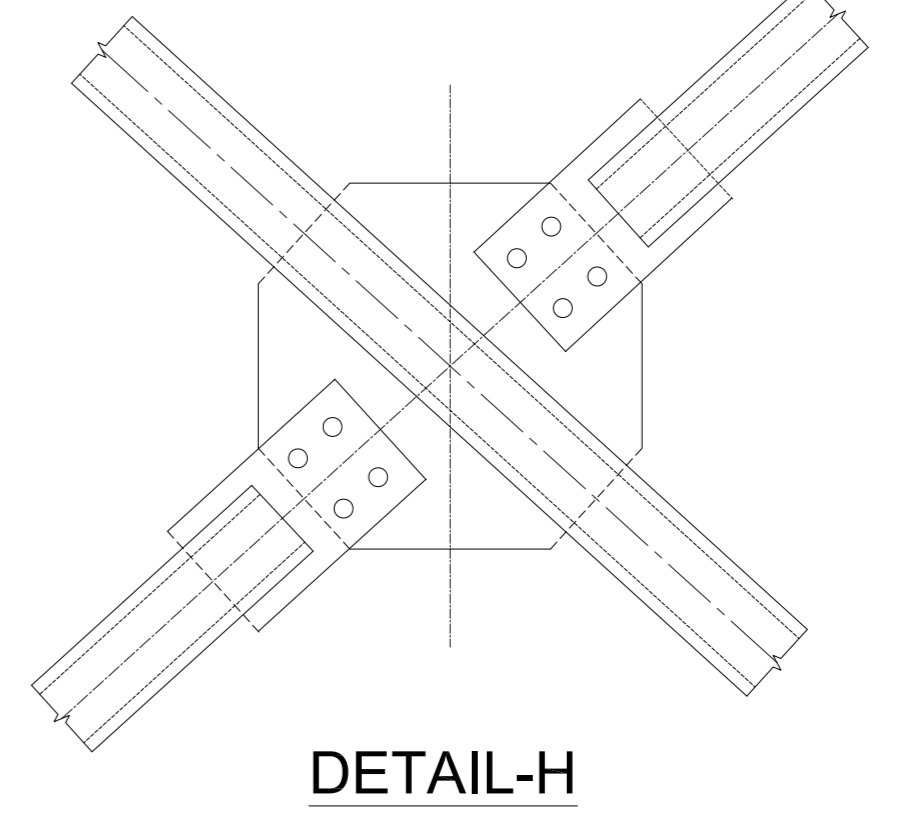
DEVELOPED VIEW OF SKIRT GIRDER WITH SUPPORT COLUMNS



SECTION 11-11



**SECTION 14-14
DETAIL OF STUB COLUMN
(TYPICAL)**



DETAIL-H

BHEL-PROJECT ENGINEERING MANAGEMENT(CIVIL)	
THIS DRAWING MARKED(✓) IS RELEASED FOR	
<input type="checkbox"/>	COMMENTS/APPROVAL
<input checked="" type="checkbox"/>	PLANNING/INFORMATION
<input type="checkbox"/>	CONSTRUCTION
STAMP ALL PREVIOUS REVISION AS SUPERSEDED	
NAME	SACHIN PANDIT
SIGNATURE	
DATE	17 FEB 2018

2				
1				
DATE	ALTERED	CHECKED	APPROVED	NOTE
PROJECT 2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)				
OWNER CONSULTANT: FICHTNER M/s FICHTNER GmbH & Co. KG Stuttgart, GERMANY		OWNER: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH POWER SECTOR BHARAT HEAVY ELECTRICALS LTD PROJECTS ENGINEERING MANAGEMENT NOIDA		
DRAWN BY	DATE	NAME	TITLE	SCALE
DESIGN BY	DATE	NAME		
CHECKED BY	DATE	NAME		
APPROVED BY	DATE	NAME		
SUPERSEDED BY:		SIZE:	PROJECT NO.:	FILE:
SYSTEM:		ANNEX:	DRAWING NO.:	REV:

ANNEXURE-A TO TCN-08**Design, Engineering, Manufacturing, Supply, Erection & Commissioning, etc. of Mill Reject System & Coal Bunker Deblocking Device for 2X660 MW Maitree Super Thermal Power Project, Rampal, Bangladesh.****Tender no PSER:SCT:KLN-C1868:17**

S.No.	Reference	Bidders' Query	BHEL Clarification
1	VOL-II, TECHNICAL SPECIFICATION	GA of Bunker is required to select coal bunker deblocking device, along with structural member arrangement	Refer GA drawing issued along with this TCN-08
2	VOL-II, TECHNICAL SPECIFICATION	Details regarding integrity of liner with base metal (incl. welding details) is required.	Refer GA drawing issued along with this TCN-08
3	VOL-II, TECHNICAL SPECIFICATION	Noise level limitations to be clarified.	Please refer Page 139/140 of 686 of technical specification, VOL-II
4	VOL-II, TECHNICAL SPECIFICATION	Bunker design should take care of the impact effect of the pneumatic vibrator	Bidder to share the impact details of the pneumatic vibrator along with the offer so that the same can be considered in design of bunker.
5	VOL-II, TECHNICAL SPECIFICATION	Device Mounting frame on the Bunker is in whose scope?	Please refer Page 9 of 686 of technical specification, clause 1.2a) "Support/mounting brackets for pneumatic vibrators shall be in bidder's scope."

ANNEXURE-A TO TCN-08**Design, Engineering, Manufacturing, Supply, Erection & Commissioning, etc. of Mill Reject System & Coal Bunker Deblocking Device for 2X660 MW Maitree Super Thermal Power Project, Rampal, Bangladesh.****Tender no PSER:SCT:KLN-C1868:17**

S.No.	Reference	Bidders' Query	BHEL Clarification
6	VOL-II, TECHNICAL SPECIFICATION	There is no mention of requirement of Air Dryer for the compressed air system.	Please refer Page 9 of 686 of technical specification, clause 1.2b) "...filter-regulator-lubricator unit etc. to complete the system." We have envisaged air filter-regulator-lubricator units but if the bidder feels that Air Dryer is also required for the proper working of their vibrators, then the same should be considered by them in the offer. Further, if any internal coating of the vibrator is required as per design of the vendor, then the same should be considered by them. The specification includes the minimum essential requirement for the system, however, anything over and above required for bidder's proven design should be considered by the bidder in their scope.

FORMAT FOR NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

BHARAT HEAVY ELECTRICALS LIMITED,
Power Sector - Eastern Region,
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	Design, Engineering, Manufacturing, Supply, Erection & Commissioning, etc. of Mill Reject System & Coal Bunker Deblocking Device for 2X660 MW Maitree Super Thermal Power Project, Rampal, Bangladesh.	
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	10.0	BHEL's TCN-08, vide reference PSER:SCT:KLN-M1868:TCN-08, dated 27-02-2018.
	11.0	All other pertinent issues till date.

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION DJ-9/1, SECTOR-II, SALTLAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796