

Date: 03.07.2020

### CORRIGENDUM-I

**Ref. Tender Notice No.: KOPT/KDS/CIV /T/2472/04**

**Date, 17.06.2020**

CPP ref no. 2020\_KoPT\_566307\_1

**Name of Work :- E-tendering for "Repairs to the Pintle Assembly at Lock Entrance Sill and other allied works at the bottom of Eastern leaf of the inner Lock Gate at K.P.Docks"**

The following points are to be considered in the tender.

Sl.No.	Description	Remarks
1	Drawing of CS Pintle and Foundation bolts.	Related drawings of CS Pintle is uploaded. The drawing of foundation bolt is also uploaded.
2	a) Unequal arm leach b) Fixing HD foundation bolt.	a) Related drawings are uploaded.  b) Fixing of foundation bolt will be executed as an extra item for polyester resin grout / HILL RE-500V3 grout and payment will be made accordingly.
3	As regards Electric Power Supply.	Power supply for item no. 2 in BoQ will be provided by KoPT at free of cost. Power supply for all other works is chargeable and necessary charges will be recovered from the Contractor's Bill as per clause no. 27, page no. 26 of the tender document.
4	Defect Liability Period.	The Defect liability period will be for two years as per Clause no. 53 without any condition.
5	<b>Payment</b> (a) For item no. 1, supply of pintle  b) For item no. 2  c) For remaining items.	a) 50% payment will be made on supply, delivery and submission of the necessary test certificate as per relevant code. Balance 50% will be paid after fixing and satisfactory functioning of the same and as desired by the Engineer –in-charge. b) 50% payment will be made after removing of leech from its position and balance 50% will be paid after satisfactory functioning/ commissioning of the said gate.  c) As per tender document and GCC. Payment will be made after successful completion of the work in all respect.

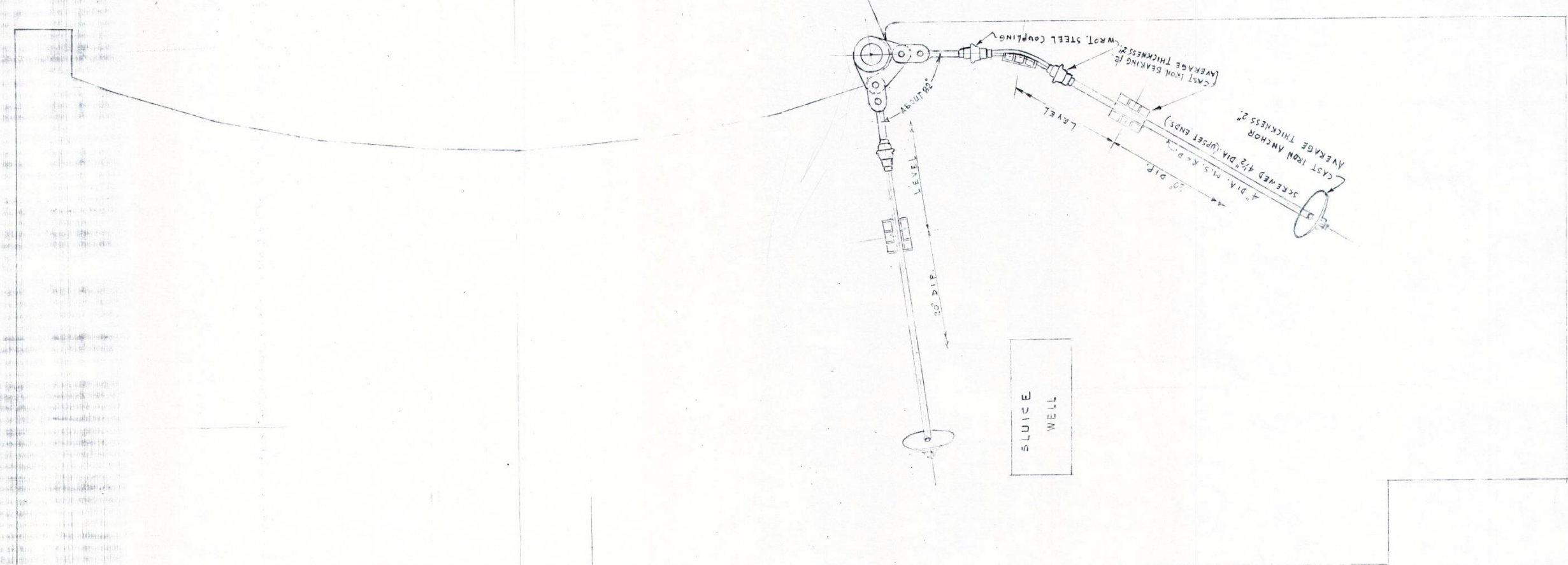
		Sal wood fender to be provided for additional top support of unequal arm leech. The fender structure drawings are uploaded. However, payment related to Leach will be made through Item No.2 as consolidated item.
At Page no. 4, 12, 34 and wherever applicable.	<p>In place of Last Date of submission of the tender 08.07. 2020 at 2.00 PM</p> <p>Date of opening of the tender document 09.07.2020 at 2.00 PM</p> <p>Last date of physically submission of Demand Draft/Cheque/Bank Draft. 12.07.2020</p>	<p><b>Pl. read Last Date of submission of the tender</b> <b>20.07. 2020 at 2.00 PM</b></p> <p><b>Date of opening of the tender document</b> <b>21.07.2020 at 2.00 PM</b></p> <p><b>Last date of physically submission of Demand Draft/Cheque/Bank Draft. 24.07.2020</b></p>

**All other terms & conditions and Clauses will remain same as per original**

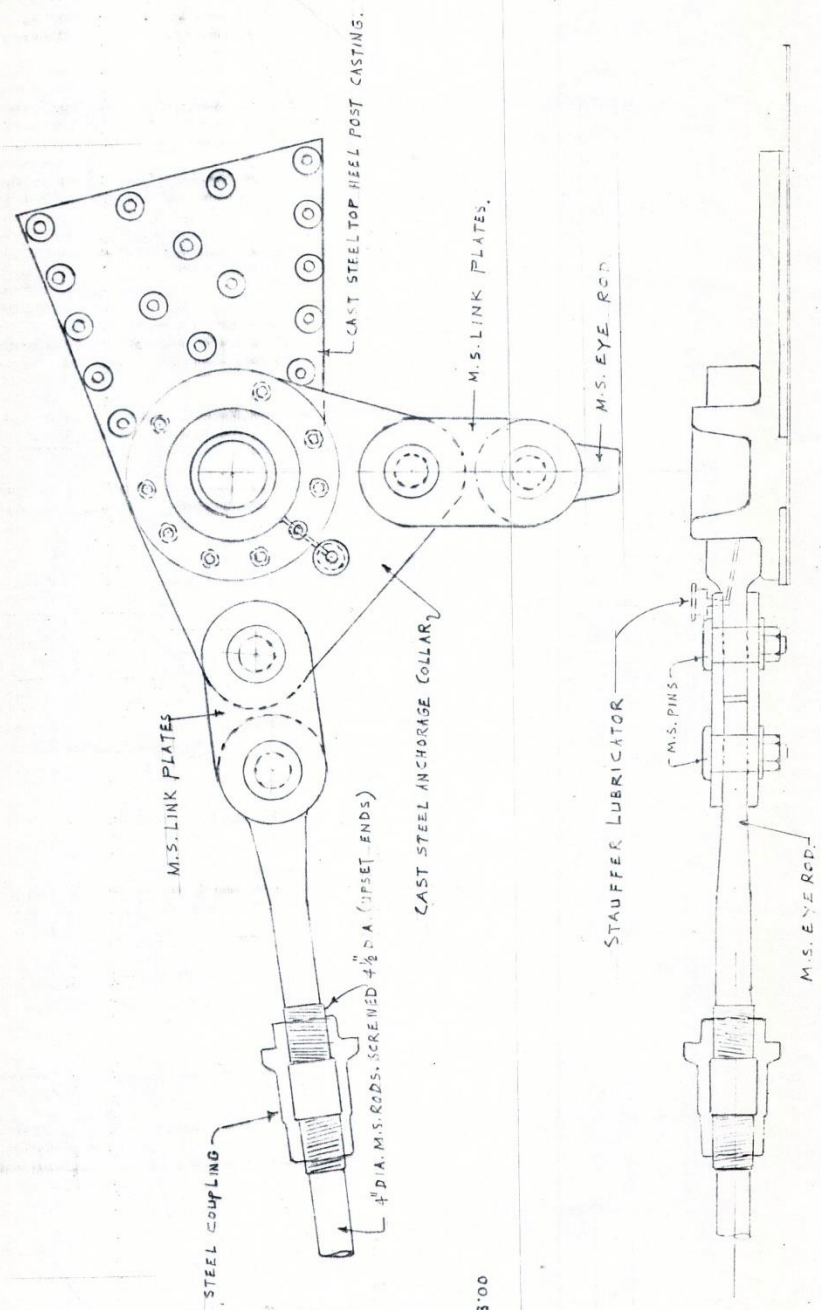
Sd/--

**Superintending Engineer( Contract)**  
**For मु+ य अ+भयंता / Chief Engineer**

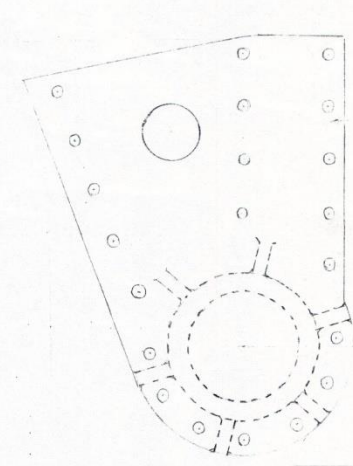




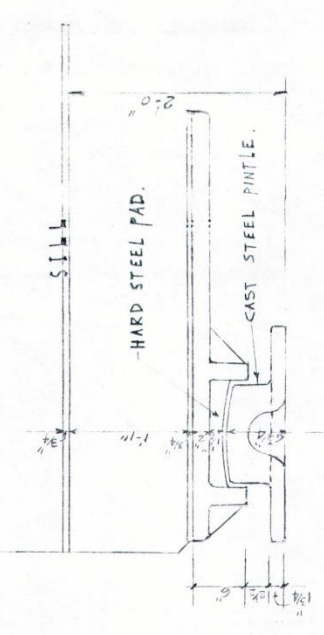
PLAN OF ANCHORAGE



DETAIL OF TOP HEEL POST CASTING & ANCHORAGE



CAST STEEL BOTTOM HEEL POST CASTING

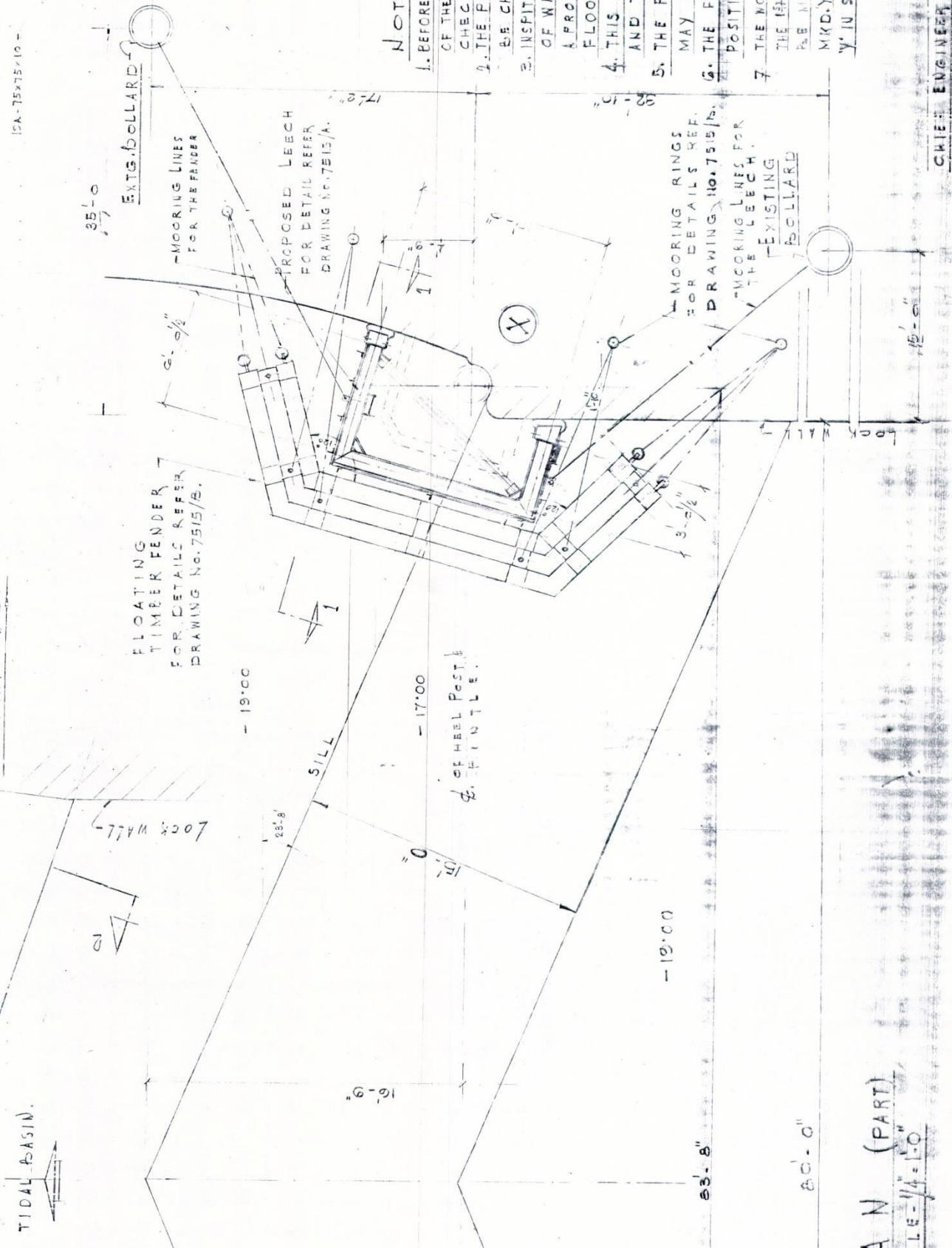


SECTION AT HEEL POST

CALCUTTA PORT TRUST ENGINEERING DEPARTMENT	
NEW 80' FT LOCK GATE AT KIDDERPORE DOCK ANCHORAGES & PINTLE	
DRAWN BY	PRG 493' M.
CHECKED BY	DATE 27.8.1957
TRADE	SCALE 1/4" = 1'-0"



ARRANGEMENT OF PROTECTIVE 5" BRICK WALL (TEMP)  
(SEE NOTE 0.3)  
SCALE - 1" = 4' 5"  
TIDAL A



BEFORE ACTUAL STRUCTURAL FABRICATION IS TAKEN IN HAND, THE DIMENSIONS OF THE WIDTH AND LEGS OF THE PROPOSED PORTAL FRAME SHOULD BE CHECKED AT SITE BY MEANS OF A SUITABLE TEMPLATE OR OTHERWISE. THE POSITION OF EXISTING BOLLARDS AS INDICATED ON THE DRAWING SHALL BE CHECKED AND VERIFIED AT SITE.

- INSPIRE OF PROPER DRAINING ARRANGEMENTS, IF THERE IS ANY LEAKAGE OF WATER ALONG THE GASKET SEALING OR FROM ANY OTHER LOCATION, A PROTECTIVE BRICK WALL OF 15" THICKNESS TO BE ERECTED ON THE LOCK FLOOR AS INDICATED ON THE DRAWING.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING No. 7315/A AND 7315/B.
- THE POSITION OF PROPOSED MOORING RINGS SHOWN ARE TENTATIVE AND MAY BE ALTERED TO SUIT SITE CONDITIONS.
- THE FENDER SHALL BE INSTALLED AFTER THE LIECH HAS BEEN PLACED AND POSITIONED PROPERLY.
- THE WORKS AT POSITION MIDWAY TO BE TAKEN UP IN THE 1<sup>ST</sup> PHASE AND WHEN COMPLETED THE LIECH SHALL BE MODIFIED, IF REQUIRED, FOR USE AT POSITION MIDWAY. THE SLICING BENDER AT TX TO BE LEAD AT Y IN SUCCESSION, IF REQUIRED.
- ADVANCE COPY
- CALCUTTAPORT TRADING COMPANY**  
ENGINEERING DEPARTMENT  
PROPOSED LIECH TO NEW  
JUNNER LOCATE OF KAPPA

ALCOTTAPORT TRUST  
ENGINEERING DEPARTMENT

PROPOSED LEASE TO REMAIN  
INNER LOCK GATE OF K. P. D.  
USE FOR ARRANGEMENT

CHIEF ENGINEER

D L A N (PART)  
SCALE - 1/4" = 1'-0"



## Details Dimensions of Pintle

		enclature	Measurement as per existing pintle	Measurement as per Drawing available	Remarks	Final Dimensions as verbally approved by C.P.T.
1.	Total height including flange and Boss	A	205 mm	7 3/4" (197 mm)		197
2.	Thickness of the Flange	J	45 mm	-		45
3.	Dia of Flange	C	610 mm $\phi$	2'-0" (609.6 mm)	More or less same	610
4.	Dia of Boss	D	277 mm $\phi$	11" (279.4 mm)	More or less same	280
5.	Dia of Hole for Holding Down Bolts	E	41 mm $\phi$	1 1/8" (35 mm)	Difference about 6 mm	44 $\phi$
6.	No. of Hole for Holding Down Bolts		4 Nos.	4		4
7.	P.C.D. of Hole	F	510 mm $\phi$	1'-8" (508 mm)	More or less same	510
8.	Crowing Radius	R	-	2'-0" (609.6 mm)		610
9.	Top Fillet Radius	R <sub>1</sub>	-	1/2" (12.7 mm)		12
10.	Inner Crowing Radius	R <sub>2</sub>	-	2" (50.8 mm)		50
11.	Dia of inner Recesses	G	115 $\phi$			115
12.	Height of inner Recesses	H	96	4" (101.6)	Difference about 5.6 mm	96
13.	Boss Dia of the Hole	I	90	3 1/2 (88.9)		90
14.	Height of the Boss from the bottom	B	53 mm	2 1/8" (54 mm)	More or less same	54

# Details Dimensions of Pintle

Sl. No.	Description	Nomenclature	Measurement as per existing pintle	Measurement as per Drawing available	Remarks	Fin
1	Total height including flange and Boss	A	203 mm	7 3/4" (197 mm)		
2	Thickness of the Flange	J	45 mm	-		
3	Dia of Flange	C	610 mm $\phi$	2'-0" (609.6 mm)	More or less same	
4	Dia of Boss	D	277 mm $\phi$	11" (279.4 mm)	More or less same	
5	Dia of Hole for Holding Down Bolts	E	41 mm $\phi$	1 1/4" (35 mm)	Difference about 6 mm	446
6	No. of Hole for Holding Down Bolts		4 Nos.	4		4
7	P.C.D. of Hole	F	510 mm $\phi$	1'-8" (508 mm)	More or less same	510
8	Crowing Radius	R	-	2'-0" (609.6 mm)		610
9	Top Radius	R <sub>1</sub>	-	1/2" (12.7 mm)		12
10	Inner Crowing Radius	R <sub>2</sub>	-	2" (50.8 mm)		50
11	Dia of inner Recesses	G	115 $\phi$			115
12	Height of inner Recesses	H	96	4" (101.6)	Difference about 5.6 mm	96
13	Boss Dia of the Hole	I	90	3 1/2" (88.9)		90
14	Height of the Boss from the bottom	B	53 mm	2 1/4" (54 mm)	More or less same	54

IS-2985 1990

C. 2A M.A.

Mn - 1.6 int dia then 4 time of Core

Si. 0.15 - 0.35

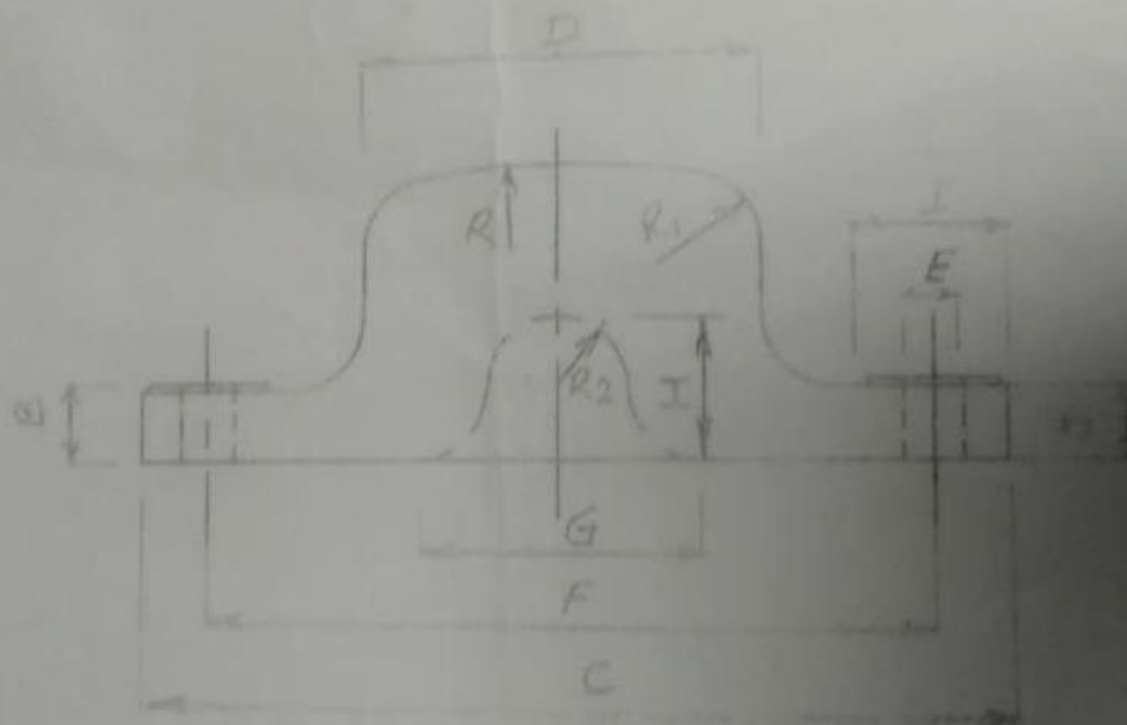
S. -

P. -

6- 410

4/3 210

G - 241



DIN 11 E