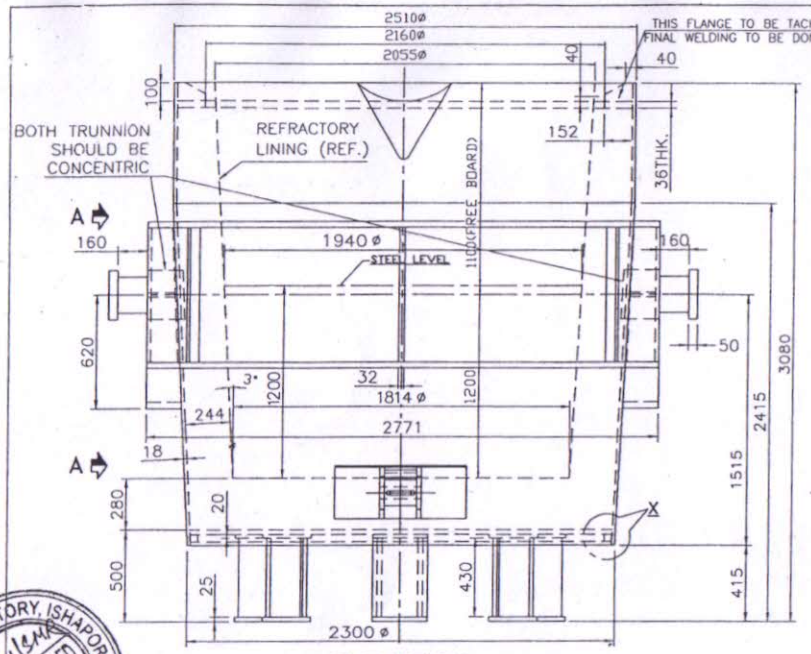
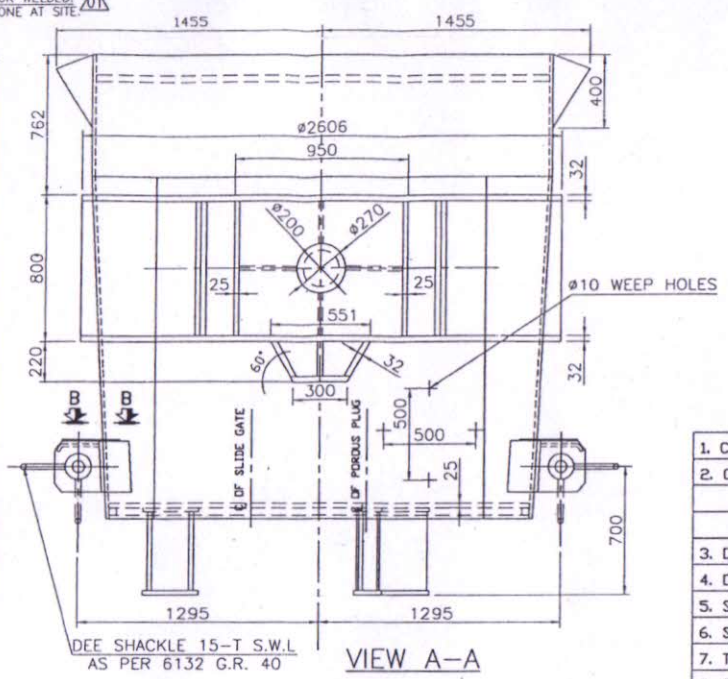
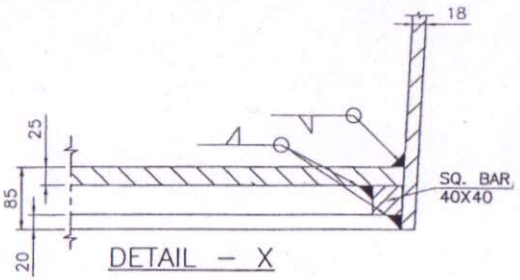


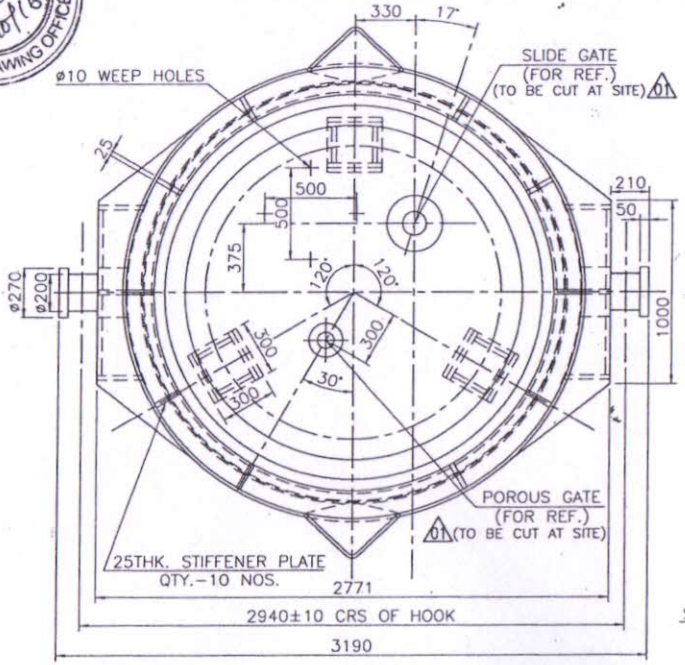
ELEVATION



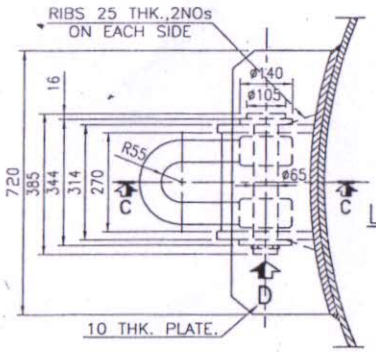
VIEW A–A



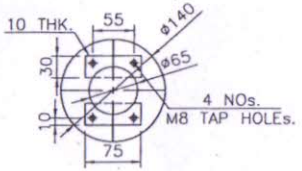
DETAIL – X



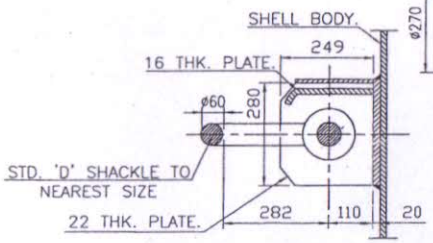
PLAN



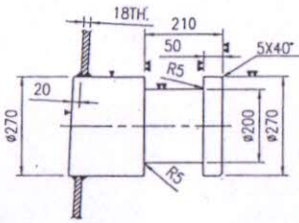
SECTION B–B



LOCKING ARRANGEMENT AT "D"



SECTION C–C



DETAIL OF TRUNNION

TECHNICAL SPECIFICATIONS

1. CAPACITY OF LADLE	20 T
2. GEOMETRIC CONFIGURATION	ROUND & CONICAL SHAPE
A) SHELL	18 THK.
B) BOTTOM	25 THK.
3. OUTSIDE DIA. OF SHELL AT TOP	2510 MM.
4. OUTSIDE DIA. OF SHELL AT BOTTOM	2300 MM.
5. SHELL HEIGHT	2665 MM.
6. STOOL HEIGHT FROM TRUNNION CENTRE	620 MM.
7. TOTAL HEIGHT	3080 MM.
8. TRUNNION CENTRE	2940±10 MM.
9. TRUNNION DIA. AT HOOK	200 MM.
10. CONSTRUCTION	WELDED
11. MATERIAL OF CONSTRUCTION	
a) LADLE SHELL & BOTTOM PLATE	IS : 2062 : E 250 BR
b) ALL OTHER PLATES	IS : 2062 : E 250
C) TRUNNION	EN 8/C 45 FORGED
12. ELECTRODES	E – 7018
13. HEAT TREATMENT	DULY STRESS RELIEVED
14. PAINTING	TWO COAT OF
	HEAT RESISTANT PAINT

WEIGHT :- 7000 Kgs. (Approx).

SAFE WORKING LOAD - 80 MT. & WORKING LOAD - 50 MT.

27/9/16
HOS - SMR

27.09.16
DO/GO - SMR

REF. SKETCH & ALL DATA SUPPLIED BY USER SECTION VIDE MEMO No. 8406 / SMR /MAT DT. 10-09-2016

ITEM NO.	DESCRIPTION	NO. OFF	MATERIAL	HARDNESS	REMARKS

AMENDMENTS

INDEX	DESCRIPTION	DATE	NAME	ZONE

ELEASING
ROUGHING
SMOOTHING
FINISHING

20 TON LADLE
FOR 20/22 EAF
AT S.M.R SECTION

METAL & STEEL FACTORY, ISHAPORE

SCALE		
NTS	DRAWN	12/09/16 S.K.DALAL
	TRACED	
	CHECKED	

APPROVED
27/9/16 JWM/DO
DGM/OA

DRG. NO. SMR-402

NOTES:–
ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

METAL & STEEL FACTORY, ISHAPORE * DRAWING OFFICE * UNCONTROLLED 27/9/16