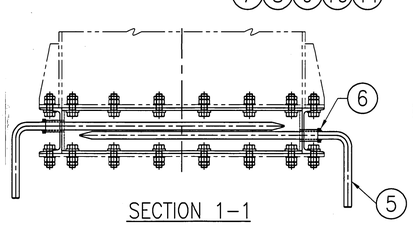
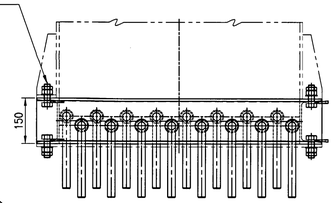
TECHNOVA EMF 1709305370

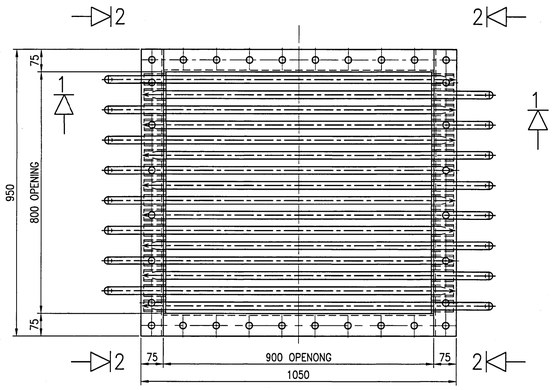
DRG.NO. PA 77132



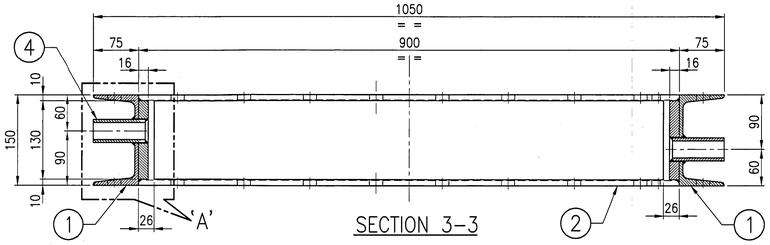
SECTION 1–1



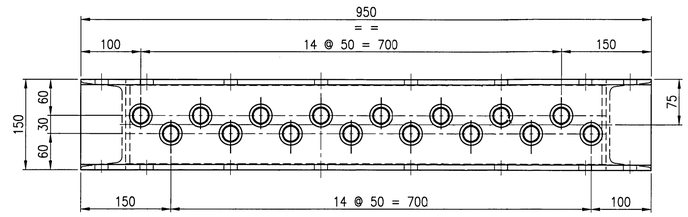
VIEW 2–2



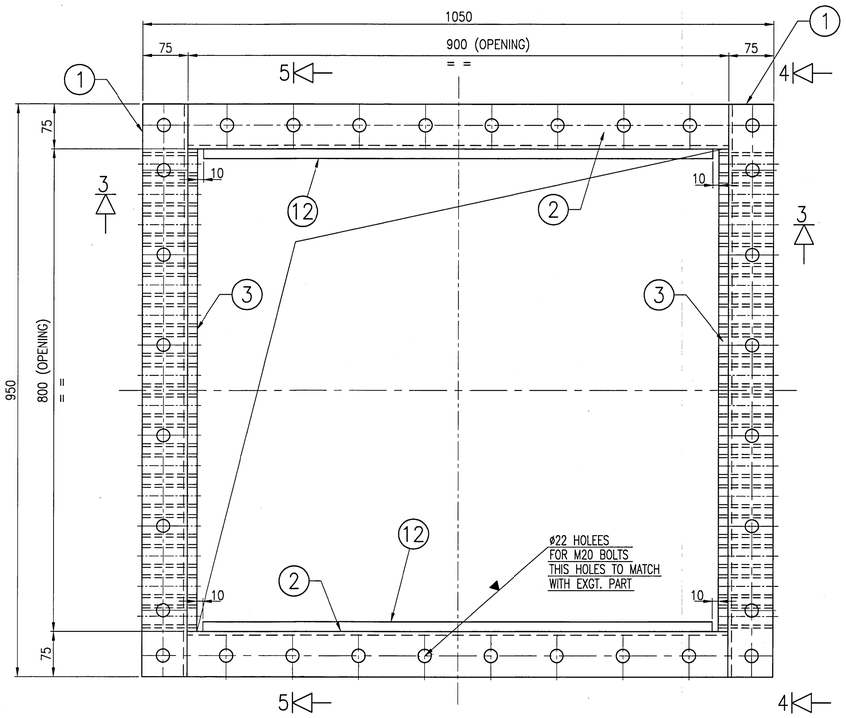
MK–A ~(▼)
PLAN
ASSEMBLY OF ROD GATE



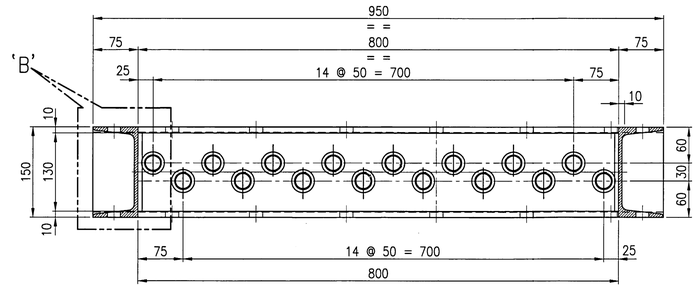
SECTION 3–3



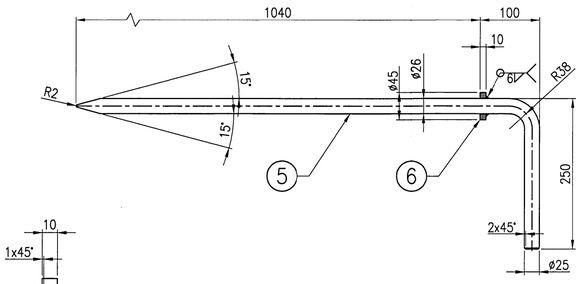
VIEW 4–4



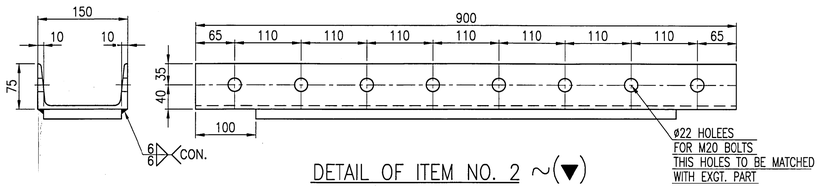
PLAN
MK–B



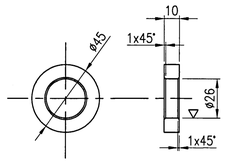
SECTION 5–5



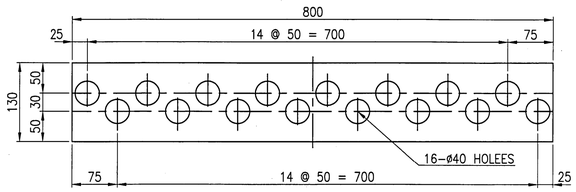
DETAIL OF ITEM NO. 7 & 8



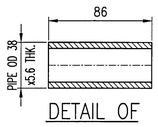
DETAIL OF ITEM NO. 2 ~(▼)



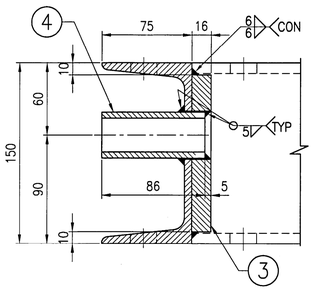
DETAIL OF
ITEM NO. 6~(▽)



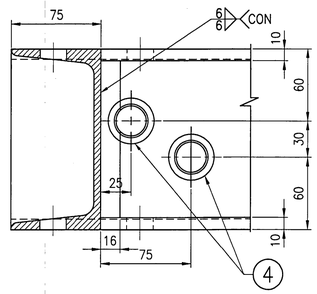
DETAIL OF ITEM NO. 3 ~(▽)



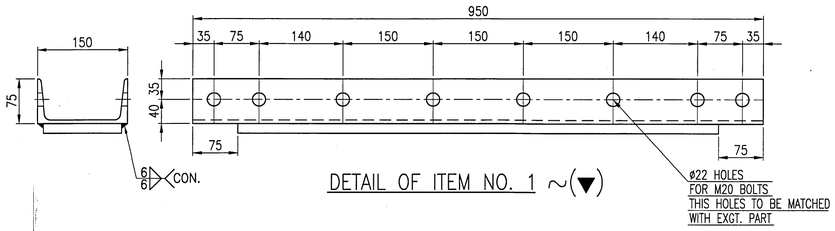
DETAIL OF
ITEM NO. 4~



DETAIL AT 'A'



DETAIL AT 'B'



DETAIL OF ITEM NO. 1 ~(▼)

NOTES:–

1. ROUND OFF ALL SHARP EDGES / CORNERS.
2. ALL WELD JOINTS ARE 6 mm FILLET CONTINUOUS U.O.N.
3. SHADED TRIANGLE INDICATES MACHINING AFTER FABRICATION / STREES – RELIEVING.
4. ALL WELDING SHALL CONFORM TO IS:9595.
5. ALL FABRICATION SHALL CONFORM TO IS:7215.

ASSLY. MK.	ITEM No.	DESCRIPTION.	MATERIAL.	No. RQD.	UNIT WT. IN KG.	TOTAL WT. IN KG.	REMARKS
	12	PL. 16x130x848	SAIL HARD	2	14	28	
	11	TAPER WASHER 22 IS:5374 FOR CHANNELS ONLY	Fe410WA IS:2062				
	10	MACHINED WASHER 20.5 IS:2016	Fe410WA IS:2062				
	9	HEX LOCK NUT M20, IS:1369 P 8	Fe410WA IS:2062				
	8	HEX NUT M20, IS:1369 P 8	Gr 8.8 IS:1367				
	7	HEX BOLT M20x75, IS:1369 P 8.8	Gr 8.8 IS:1367				
	6	PL. 10xø45	Fe410WB IS:2062	16	0.2	3	
	5	ROUND ø25x1368 ABT.	45C8 IS:1570	16	5	80	
	4	PIPE OD38x5.6 THK.x86 W/T DIN2448	ST 35	32	0.2	6	
	3	PL. 16x130x800	SAIL HARD	2	13	26	
	2	ISMC. 150x75x800	Fe410WA IS:2062	2	13	26	
	1	ISMC. 150x75x950	Fe410WA IS:2062	2	16	32	
MK–A		ASSEMBLY	ASSEMBLY	1	201	201	

BILL OF MATERIAL

REV. MK.	REVISIONS	JOB. NO.	BY DATE	CHKD.	APP.	NOTES	DRG. No.	REFERENCE
							0100–00–MG–01	GENERAL ARRG. OF RACK & PINION GATE FOR HOPPER & CHUTE

FIRST ANGLE PROJECTION

SCALE 1:10,5,2.5.2
JOB NO. D04949
DRN. G. Sasmal 15/5/18
CHKD. N.S.J. 22-5-18
APPROVED. 25-05-18

DRG. DEVELOPED BY:– M/S. SUNTEXT ENTERPRISES JAMSHEDPUR

TATA STEEL LIMITED, JAMSHEDPUR, 831001
TATA M E G DESIGN

DEPT. A–F BLAST FURNACE
SUB DIVN. STOCKHOUSE AND CHARGING SYSTEM
DETAIL DETAIL OF ROD GATE 800x900mm FOR SINTER SCREEN–1,2,3,5 & 6

DEVIATIONS FOR UNTOLERANCED DIMENSIONS:–IS:2102 (MEDIUM)

ROUGHNESS SYMBOL	ROUGHNESS GRADE NO. IS: 3073	ROUGHNESS VALUE IN MICRONS. Ra(µm)(AA)
~	N12	50
▽	N11	25
▽▽	N9	6.3
▽▽▽	N6	0.8
▽▽▽▽	N3	0.1

DRG. NO PA 77132 REV A

DO NOT SCALE

This drawing concepts, ideas associated are properties of Tata Steel Limited. Unauthorized usage, reproduction or distribution in any form is strictly prohibited