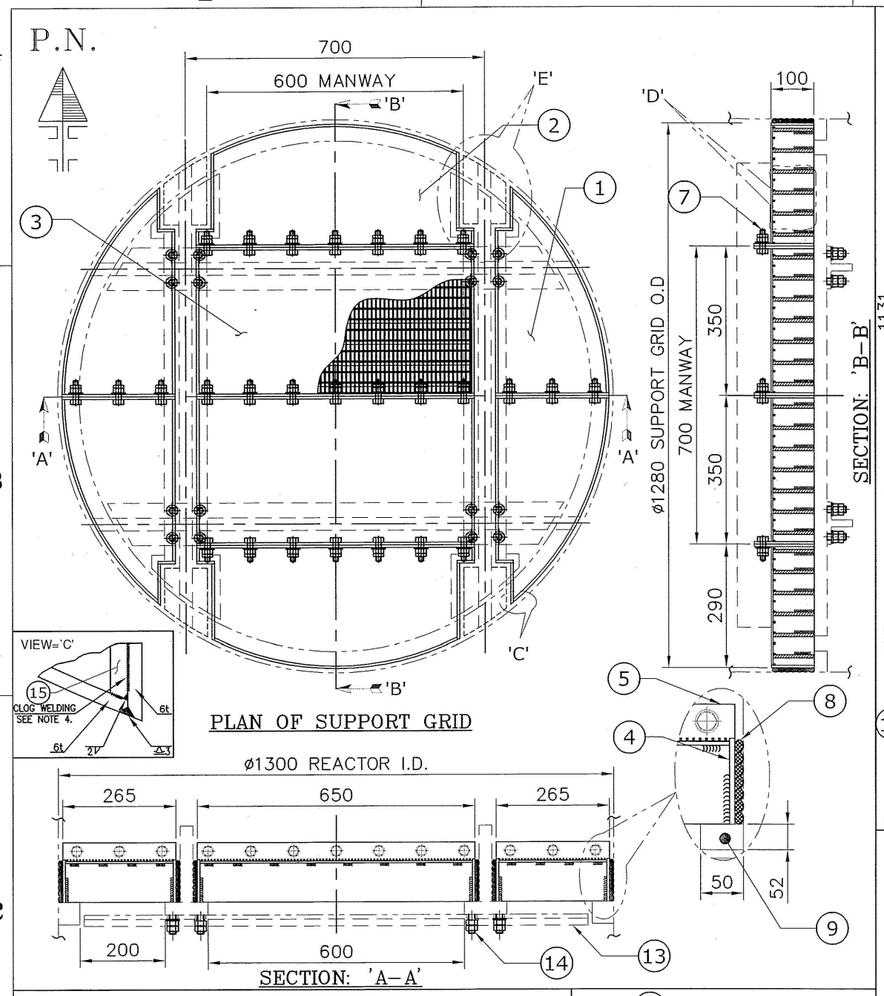
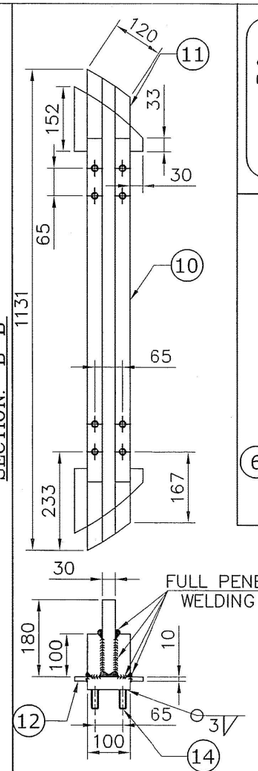
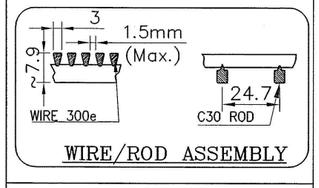
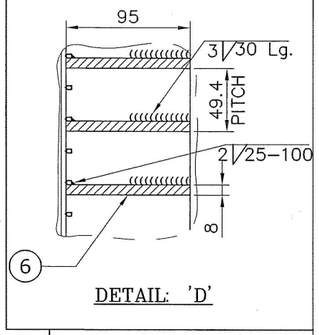




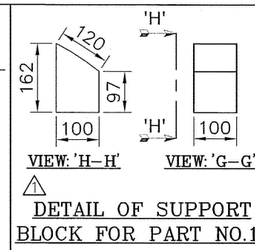
DETAIL OF 'T'-BEAM WITH SUPPORT BLOCK



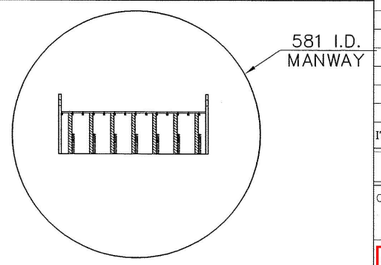
WIRE/ROD ASSEMBLY



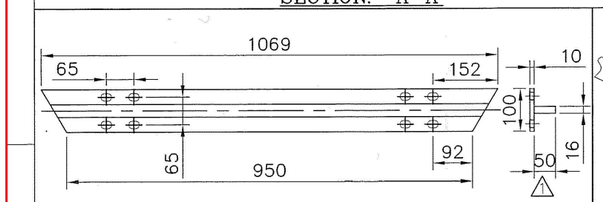
DETAIL: 'D'



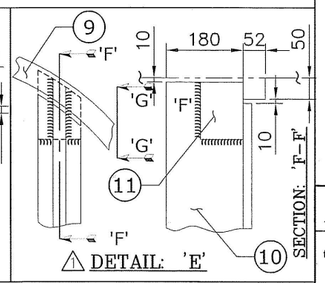
⚠ DETAIL OF SUPPORT BLOCK FOR PART NO.11
(2NOS. AS PER DRG. & 2NOS ARE MIRROR IMAGE OF THIS)



BIGGEST SEGMENT PASSAGE THROUGH THE MANWAY



DETAIL OF BOLTING BAR



⚠ DETAIL: 'E'

NOTES:-

1. DUE TO THE DESIGN & MANUFACTURE OF WELDED WEDGE WIRE SCREEN WHERE THE DIMENSIONS CAN BE INCREASED OR DECREASED BY ONE WIRE PITCH ONLY OF EVERY ELEMENT & FABRICATION INTRICIES OF ELEMENT TO THE END FITTING THE DIMENSIONS MIGHT GO OUT OF TOLERANCE.
2. THE OPEN AREA AND SLOT ARE THE CRITICAL DIMENSIONS TO BE MAINTAINED WHICH WILL BE TAKEN CARE BY US. BUT DUE TO THE REASON IN NOTE (1) THE TOLERANCE ON DIMENSIONS OF VARIOUS PARTS WILL VARY AS A CUMULATIVE EFFECT THE WELDED WEDGE WIRE SCREEN.
3. ON THE WELDED WEDGE WIRE SCREEN CLOG WELDING WITH THE WIRE MIGHT BE DONE TO MAINTAIN SLOT.
4. THE WELDING OF THE SUPPORT RING WITH THE REACTOR WILL BE FULL PENETRATION WELDING (IN EXPO GAS SCOPE)
5. THE SPREADER BLOCKS TO BE MACHINED FROM SINGLE PIECE FOR EFFECTIVE LOAD TRANSFER.

ANNEXURE --II

GENERAL INFORMATIONS:

- Design conditions:
 - Design Pressure = 3.23 Kg/Cm²
 - Design Temperature = 505°C
 - Screen open area = 33%
 - Maximum slot opening = 1.5 mm
- All parts are designed to pass through ø581mm I.D. manway
- Estimated Weight = 285 Kgs approx.
- All dimensions are given in millimeters

IT.No.	DESCRIPTION	QTY.	SPARES	SIZE	MATERIAL	REMARK	WEIGHT
15	CLOGGING PLATE	–	–	6THK.	SA 240 Type 304L	IF REQD.	
14	STUD BOLT, NUT, LOCKNUT & WASHER	16	4	M16 x 45Lg.	AISI 304L		
13	SUPPORT BAR	2	–	REFER DRAWING	SA 516 Gr.70		
12	CAULKING SUPPORT PLATE	8	–	REFER DRAWING	SA 516 Gr.70	EXPO SCOPE OF SUPPLY	
11	SUPPORT BLOCK	4	–	REFER DRAWING	SA 516 Gr.70		
10	'T'-BEAM	2	–	REFER DRAWING	SA 516 Gr.70		
9	SUPPORT RING	1	–	50W x 52THK.	SA 516 Gr.70		
8	ROPE	85M	–	ø12	CERAMIC FIBER	WOVEN ROPE	
7	HEX BOLT, NUT, LOCKNUT & WASHER	27	4	M12 x 45Lg.	AISI 304L		
6	REINF. PLATE	–	–	95HT. x 8THK.	SA 240 Type 304L		171 KG.
5	CONNECTING PLATE	–	–	140HT. x 6THK.	SA 240 Type 304L		34 KG.
4	BANDING PLATE	–	–	100HT. x 6THK.	SA 240 Type 304L		23 KG.
3	SCREEN	2	–	1.5mm SLOT	AISI 304L		
2	SCREEN	2	–	1.5mm SLOT	AISI 304L		36 KG.
1	SCREEN	4	–	1.5mm SLOT	AISI 304L		

⚠ BILL OF MATERIAL FOR ONE SUPPORT GRID

CLIENT

BRAHMAPUTRA CRACKER & POLYMER LIMITED.ASSAM

GENERAL TOLERANCE:
–ON LENGTH: ISO 2768–c

Maximum deviation for nominal dimension ranges in mm.

from 0.5 to 3	from 3 excluded to 6	30	from 30 excluded 120	from 120 excluded 400	1000	2000	4000
±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4

STAMP AREA

REV.	EXPO	CLIENT	TPIA	CONSL	OTHER	SIGN	DATE
2	CONST	--	--	APPR.	--	D.K.S	21.09.11
1	CONST	--	--	APPR.	--	D.K.S	28.03.11
0	CONST	--	--	APPR.	--	D.K.S	07.02.11

SUPPORT GRID
C4/C5 HYDROGENATION REACTOR
114-RB-601