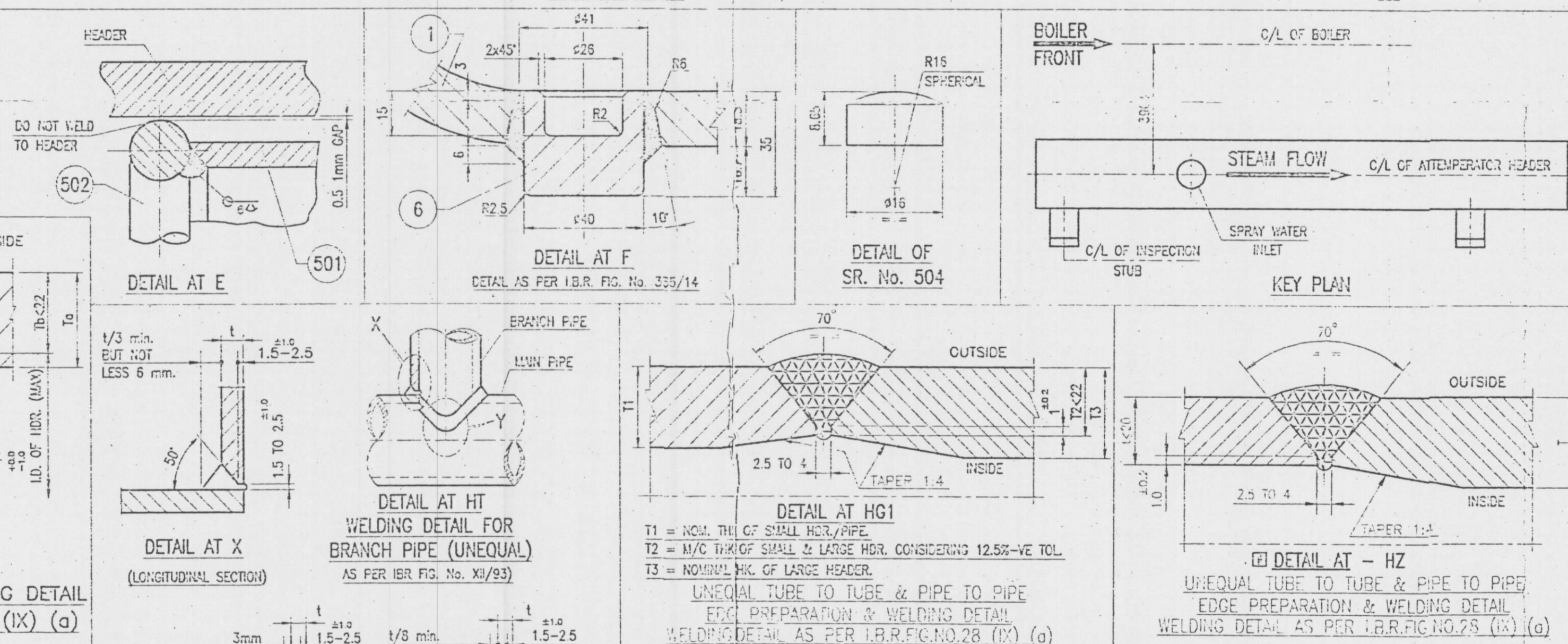
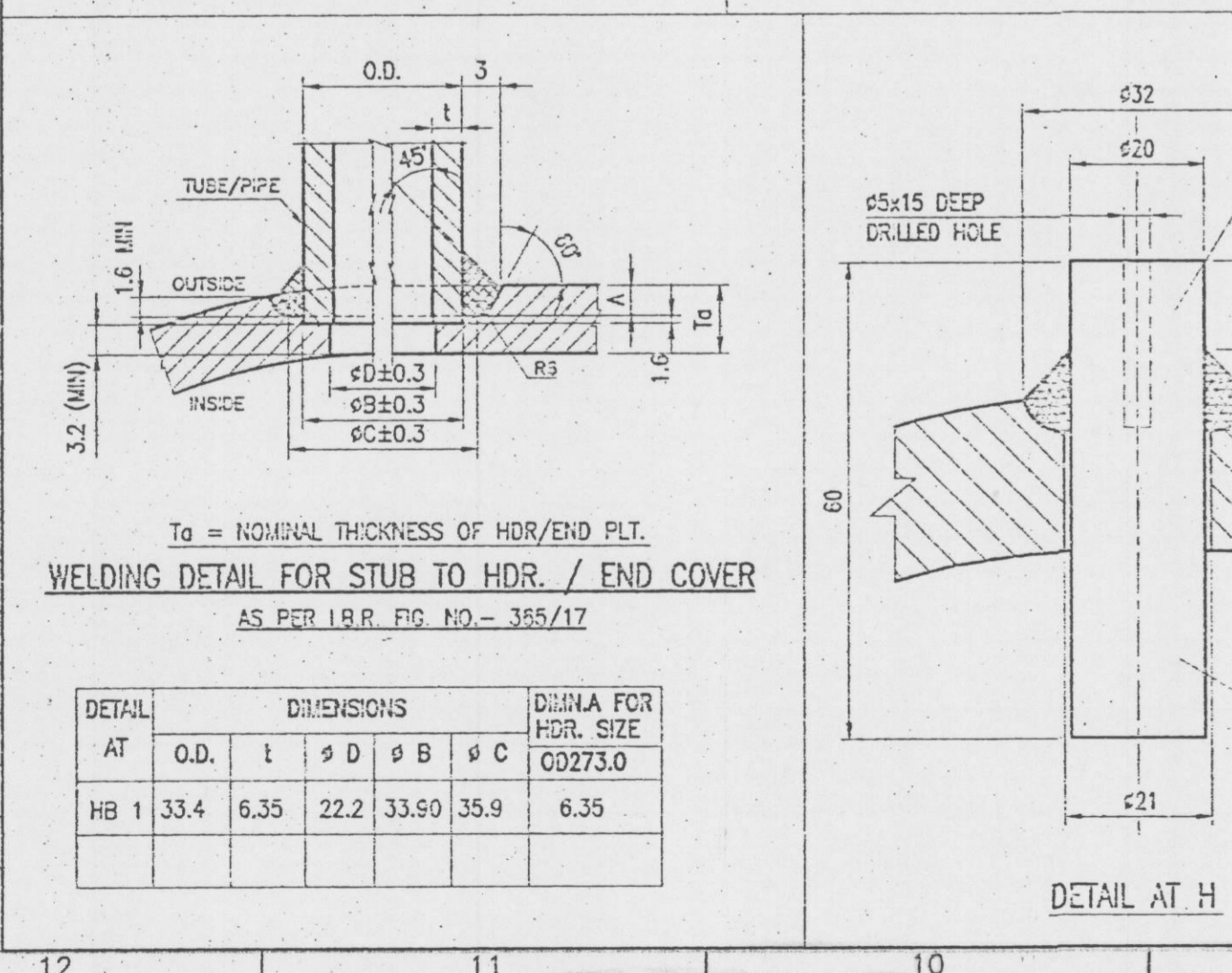
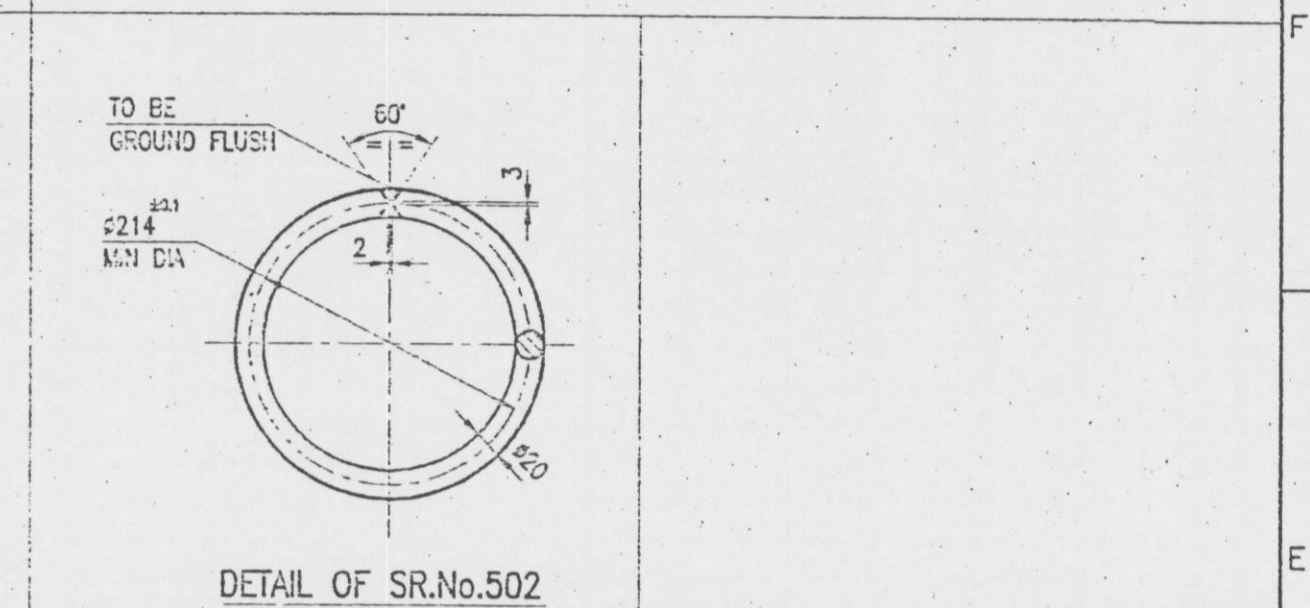
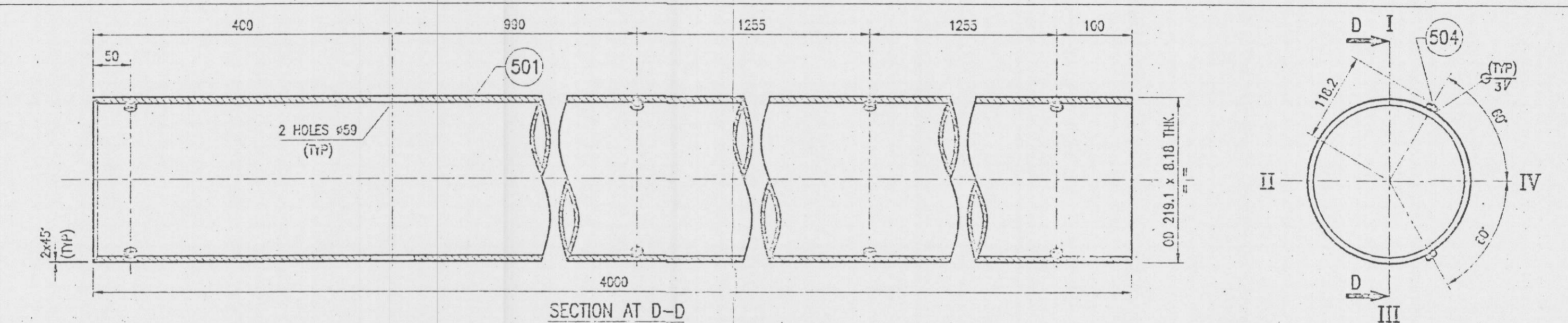
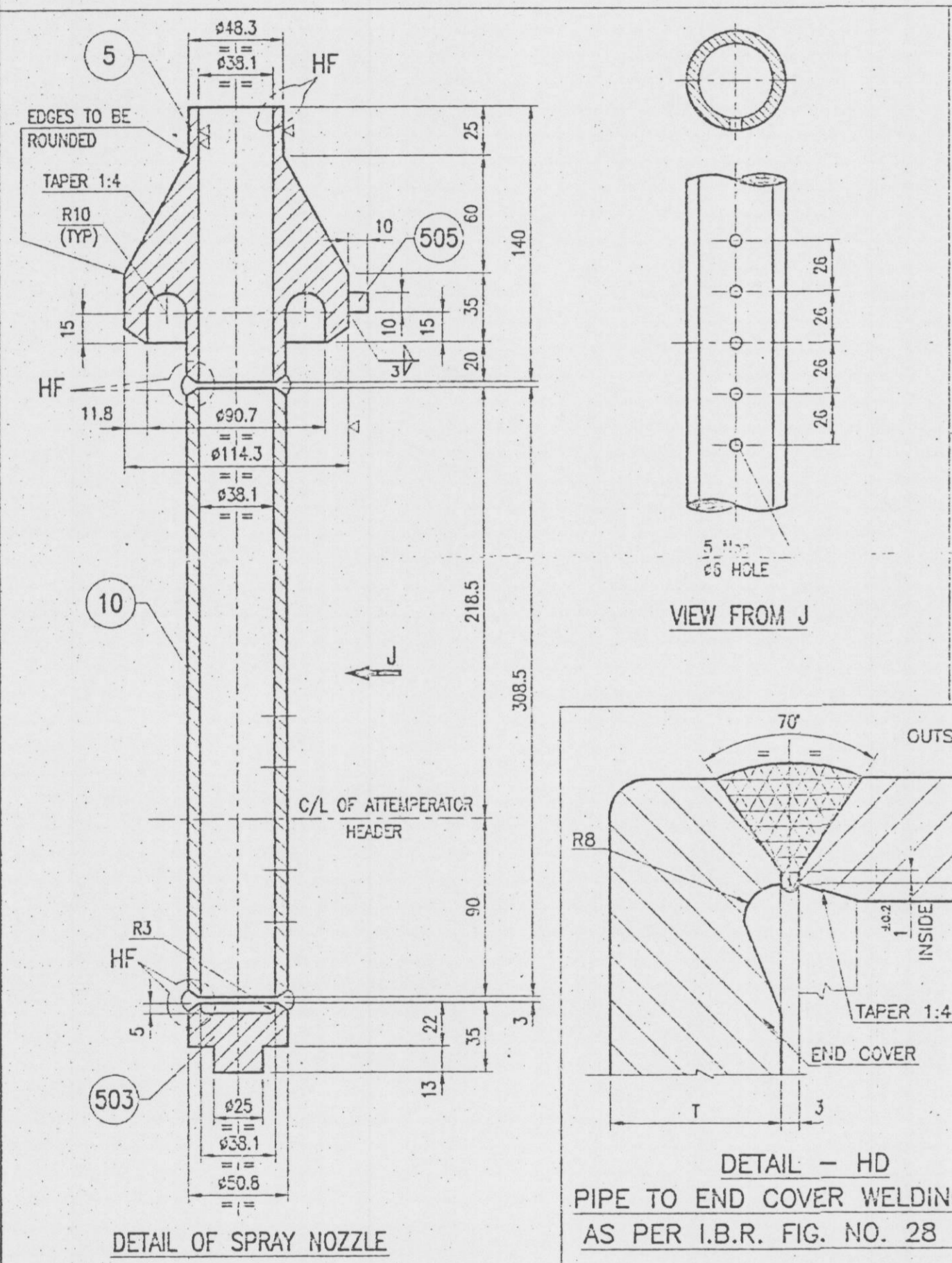
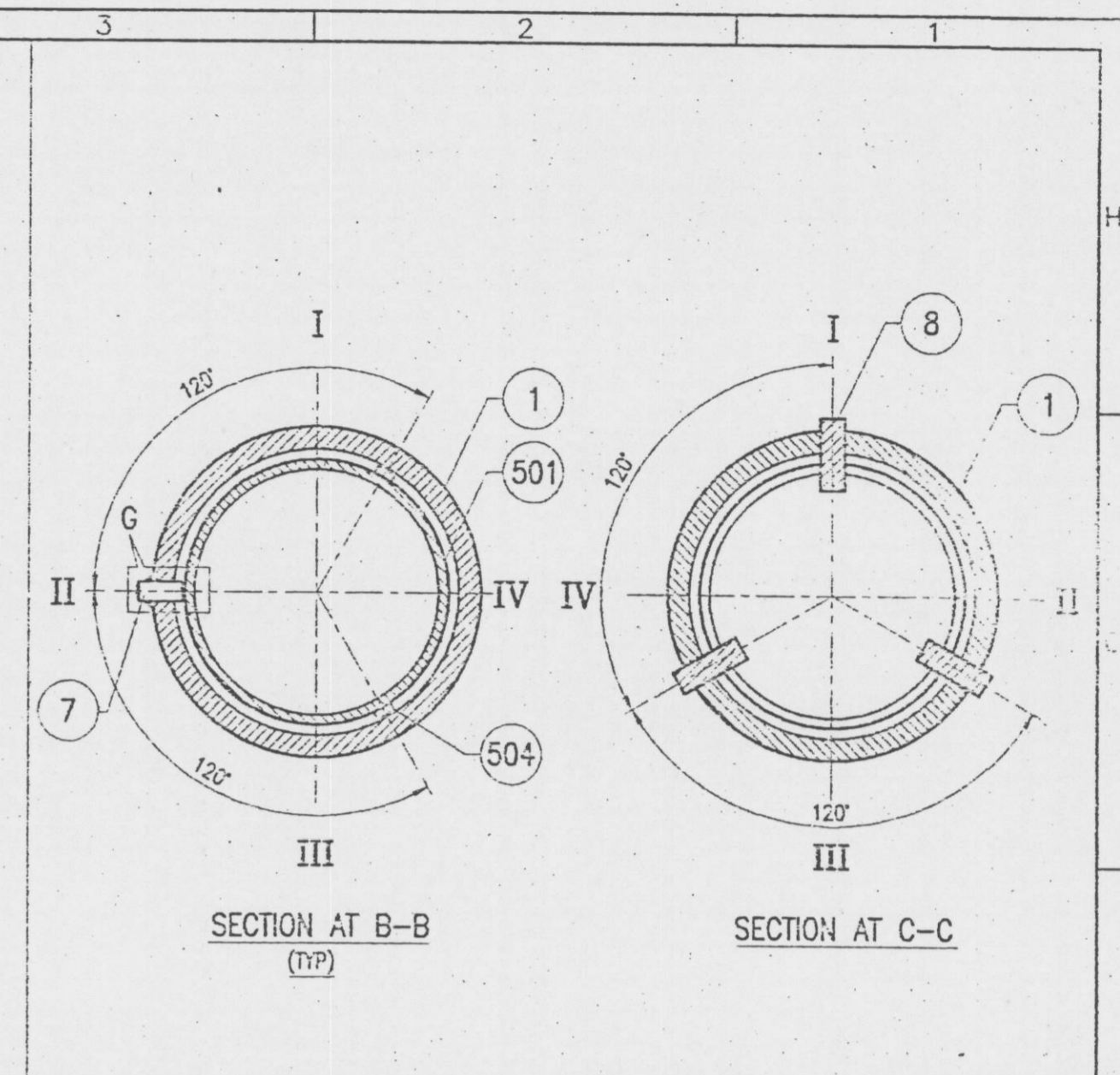
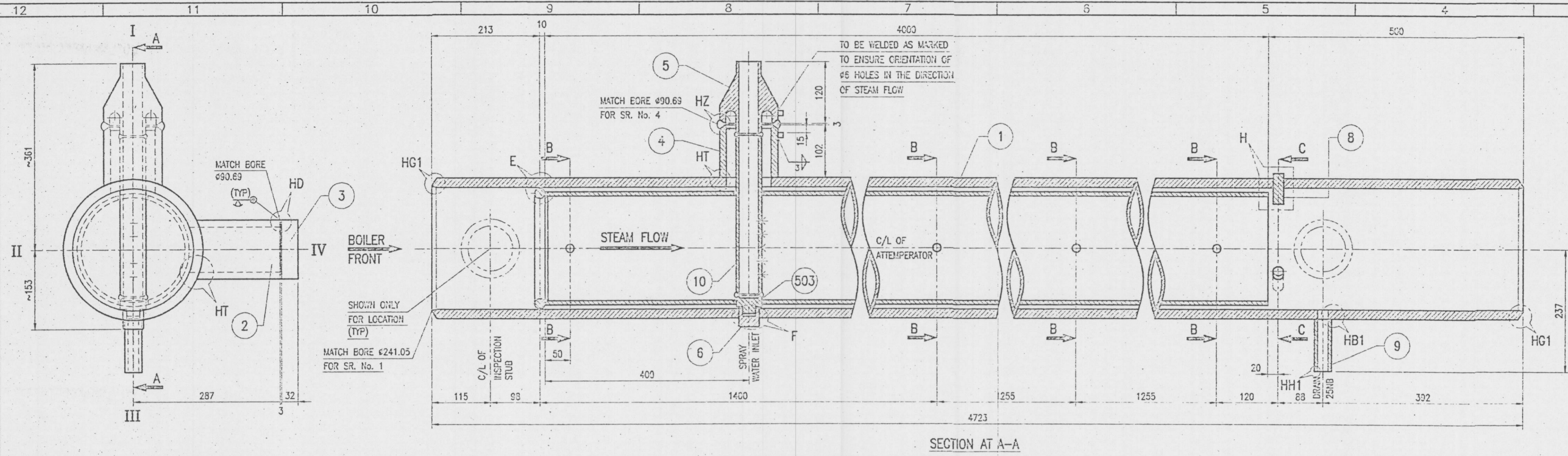


DO NOT SCALE
IF IN DOUBT, ASK



DESIGN DATA :-

DESIGN & CONSTRUCTION CODE _____ I.B.R.
 MAX. WORKING PRESSURE = DESIGN PRESSURE _____ 75 kgf/cm²(g)
 HYDRAULIC TEST PRESSURE AT SITE _____ 112.5 kgf/cm²(g)
 DESIGN METAL TEMPERATURE _____ 452°C
 STRESS RELIEVING _____ AS PER I.B.R.
 RADIOGRAPHY _____ AS PER I.B.R.

MATERIAL DATA :- (I.B.R. PARTS)

SR. No.	DESCRIPTION	SIZE	MATERIAL	QTY.	ALLOWABLE STRESS kgf/cm ²
1	PIPE (HEADER)	250 NB x SCH 100	A 335 GR P11	1	935.8
2	PIPE (STUB)	100 NB x SCH 160	A 335 GR P11	2	935.8
3	END COVER	CD 114.3 x 32 THK	SA 182 GR F11	2	935.8
4	PIPE (THERMAL SLEEVE)	100 NB x SCH 160	A 335 GR P11	1	935.8
5	ROUND BAR	φ 114.3	SA 182 GR F11	1	935.8
6	ROUND BAR	φ 40	SA 182 GR F11	1	935.8
7	ROUND BAR	φ 16	SA 182 GR F11	4	935.8
8	ROUND BAR	φ 20	SA 182 GR F11	3	935.8
9	PIPE (STAND PIPE)	25 NB x SCH 160	SA 335 GR P11	1	935.8
10	TUBE	CD 50.8 x 6.30 THK	SA 213 T22	1	1167.12

* SR. No. 501 & ONWARDS ARE NON I.B.R. PARTS.

NOTES :-

- 1) ALL DIMENSIONS ARE IN mm.
- 2) PAINT JOB No. & HEADER No. ON HEADER PRIOR TO DESPATCH.
- 3) PAINT TWO COATS OF RED OXIDE PRIMER PRIOR TO DESPATCH.
- 4) EDGE PREPARATION FOR SITE WELD JOINTS SHOULD BE DONE IN SHOP.
- 5) INDICATES SITE WELD

CLIENT - OSWAL CHEMICALS AND FERTILIZERS LIMITED.

THIS SYMBOL IN THE BLOCK INDICATES THAT THIS BLOCK IS PICKED FROM BLOCK LIBRARY.

ATTENTION IN CAD DRAWING SHALL BE RELEASED ONLY AFTER ENSURING THAT IT IS INCORPORATED IN THE RESPECTIVE CAD FILE. REVISION IS INVALID IF CAD FILE IS NOT IN REV. IS ASSENT

BOILER No. WA017100

Thermax Babcock & Wilcox Limited PUNE 411 034

SCALE: DRAWN: 24/05/2001
CHECKED: SCS 28/05/2001
APPROVED: SLP 28/05/2001

DRG. NO. PB1-1FS-15366

REV. NO. 1

AS BUILT CHANGES SR.No.1,2,4. MATL SPEC. CHANGED FROM SA 335 P11 TO A 335 P11 SR.No.10 TUBE THICKNESS 6.30 mm IN PLACE OF 6.35 mm.

REVISION: _____
MADE BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
APPROVED BY: _____ DATE: _____

THIS IS A C.O. DRAWING. DO NOT TAKE REPRODUCEABLE

TOLERANCES ARE NOT CUMULATIVE
ACCEPTABLE DEVIATION FOR UNDIMENSIONED DIMENSION