

1-PAD (MATERIAL Q) SHALL BE MADE BY CUTTING THE PIPE, SAME AS RUN PIPE CLASS

2-SIZE OF PAD IS SAME AS RUN PIPE IF PAD SIZE IS NOT SPECIFIED IN SUPPORT INDICATION.

3- FOR SHOES WITH ANOMALY HEIGHT OR LINES INCLUDING SLOPE, DIMENSION "H" AND "E" SHALL BE ADJUSTED AT FIELD

4- DIMENSION "E" HAS BEEN CALCULATED BASED ON PIPES WITH SOH. STANDARD

SO THIS DIMENSION SHALL BE ADJUSTED WITH RESPECT TO ACTUAL PIPELINE THICKNESS AT FIELD.

5-THIS TYPE OF WELDING IS USED FOR PIPES NPS 1/2" ~ 2 1/2", FOR NP

3" ~ 6" CONTINUOUS WELDING SHALL BE PERFORMED

6-FOR DETAIL OF ALLOWABLE LOAD SEE RELATED SHEET

7-WEEP HOLE (Ø=6mm) SHALL BE PROVIDED FOR PADS

8-THE SHOE LENGTH "L" SHALL BE DEPENDENT ON MAX. THERMAL DISPLACEMENT AS FOLLOWS:

---	---
L	MAX. THERMAL DISP.
---	---
300	+ 100
-	-
500	+ 200

SB-02-(1)-(2)-(3)-(4)-(5)

- 1- MATERIAL MARK
- 2- NPS MARK
- 3- HEIGHT MARK (SEE PAGE 15)
- 4- LENGTH MARK(SEE PAGE 15)
- 5- PAD NPS MARK (OPTIONAL)

00	5.6.2024	ISSUED FOR REVIEW	F.No.008494	M.CH	12/9/2000	
Rev.	Date	PURPOSE OF ISSUE	Prepared	Checked	Approved	Authorized

شرکت توسعه آهن و فولاد گل مهر
G.I.S.D.Co.

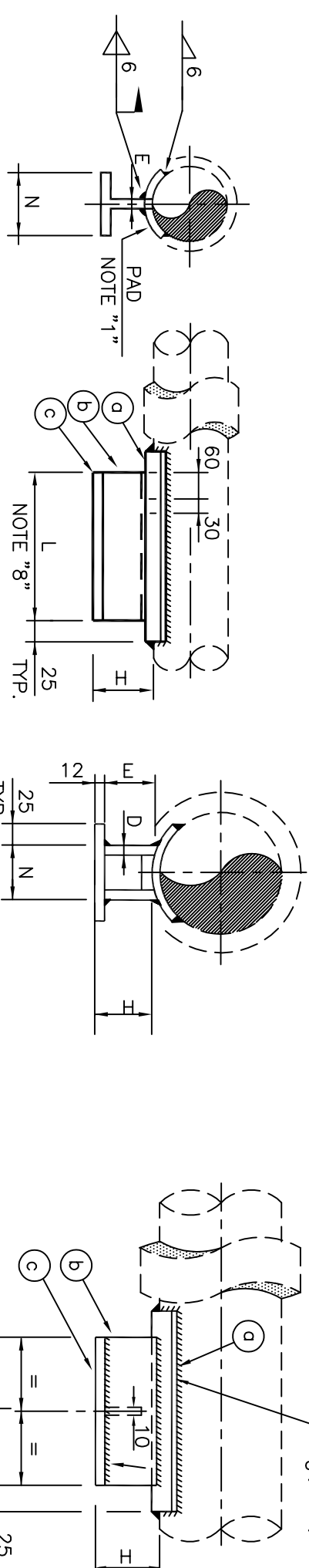
GISDCo.

INTERNAL PROCEDURE

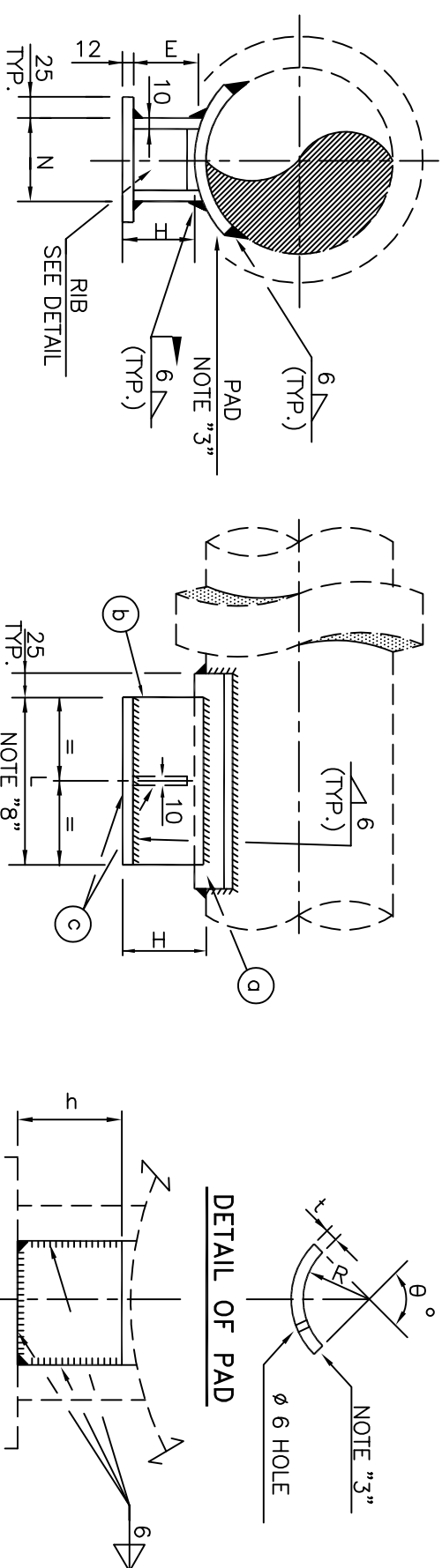
DRAWING TITLE

STANDARD FOR PIPE SUPPORT DRAWING

Contract No.	Document No.	Class	Rev.	Size	Scale	Sheet No.


$$1/2''(\text{DN15}) \sim 4''(\text{DN100})$$

6" (DN150) ~ 14" (DN350)



MATERIAL TABLE

NOMINAL DIA	RUN PIPE SIZE	E	N	θ
15	1/2"	8	100	120°
20	3/4"			
25	1"			
32	1 1/4"			
40	1 1/2"			
50	2"			
65	2 1/2"			
80	3"			
100	4"			
125	5"			
	10	150	90°	

NOMINAL DIA	RUN PIPE SIZE	E	N	D	θ
150	6"	H+4	100	10	120°
200	8"	H+7	150		
250	10"	H+11			
300	12"	H+7			90°
350	14"	H+5			
400	16"	H+20	105°		
450	18"	H+32			
500	20"	H+26			
550	22"	H+29	350	90°	
600	24"	H+32			

DES. TEMP.	MEMBER	MATERIAL OF RUN PIPE		
		CARBON STEEL	ALLOY STEEL	STAINLESS STEEL
°C 0 TO 350 °C	MARK	A	D	G
	(a)	SEE NOTE "2"	SEE NOTE "2"	SEE NOTE "2"
	(b)	A 283 GR. C	A 283 GR. C	A 283 GR. C
(c)				
350 °C TO 420 °C	MARK	B	E	H
	(a)	SEE NOTE "2"	SEE NOTE "2"	SEE NOTE "2"
	(b)	A 285 GR. C	A 387 GR. C	A 285 GR. C
	(c)	A 285 GR. C	A 285 GR. C	A 285 GR. C
420 °C TO 760 °C	MARK		F	J
	(a)		SEE NOTE "2"	SEE NOTE "2"
	(b)		A 387 GR. C	A 240 GR. 316
	(c)		A 285 GR. C	A 285 GR. C