

- 1-PAD (MATERIAL ⓪) SHALL BE MADE BY CUTTING THE PIPE, SAME AS RUN PIPE CLASS
- 2-FOR SHOES WITH ANOMALY HEIGHT OR LINES INCLUDING SLOPE, DIMENSION "H" AND "E" SHALL BE ADJUSTED AT FILED
- 3-DIMENSION "E" HAS BEEN CALCULATED BASED ON PIPES WITH SCH. STD, SO THIS DIMENSION SHALL BE ADJUSTED WITH RESPECT TO ACTUAL PIPE THICKNESS AT FIELD.
- 4-THIS TYPE OF WELDING IS USED FOR PIPES NPS 1/2"~ 2 1/2", FOR NPS 3" ~ 6" CONTINUOUS WELDING SHALL BE PERFORMED
- 5-FOR DETAIL OF ALLOWABLE WELDING LOAD SEE RELATED SHEET.
- 6-KEEP HOLE (⓪=6mm) SHALL BE PROVIDED FOR PADS.
- 7-THE SHOE LENGTH "L" SHALL BE DEPENDED ON MAX. THERMAL DISPLACEMENT AS FOLLOWS:

$$L = \frac{300}{500} \times \frac{MAX. THERMAL DISP.}{100 + 200}$$

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

SB-04-(1)-(2)-(3)-(4)-(5)-(6)

00	5.6.2024	ISSUED FOR REVIEW	Finalized	MAH	LZaydabadi
Rev.	Date	PURPOSE OF ISSUE	Prepared	Checked	Approved
					Authorized

COMPANY:
شركة توسعة آهـن و فولاد گل گهر
G.I.S.D.Co.

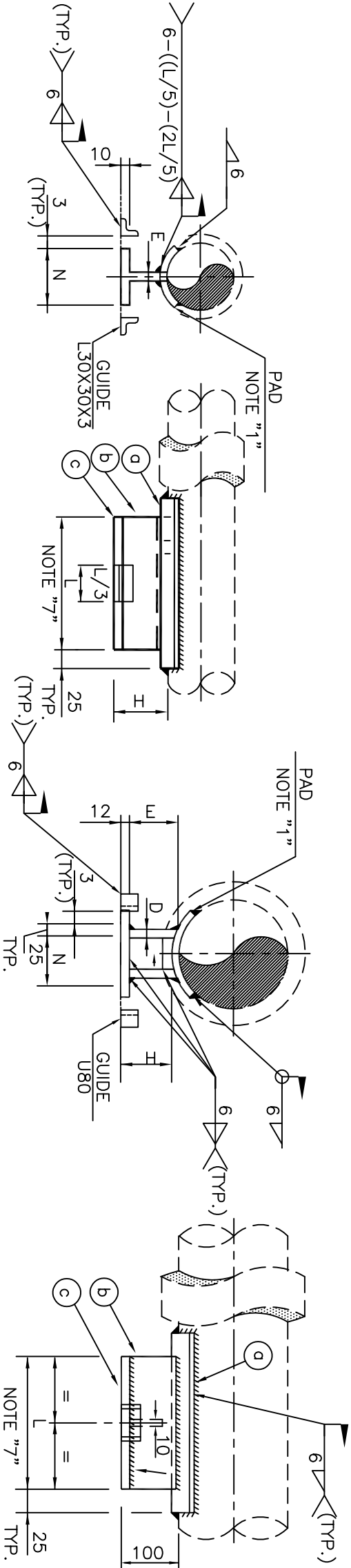
GISDCo.

INTERNAL PROCEDURE

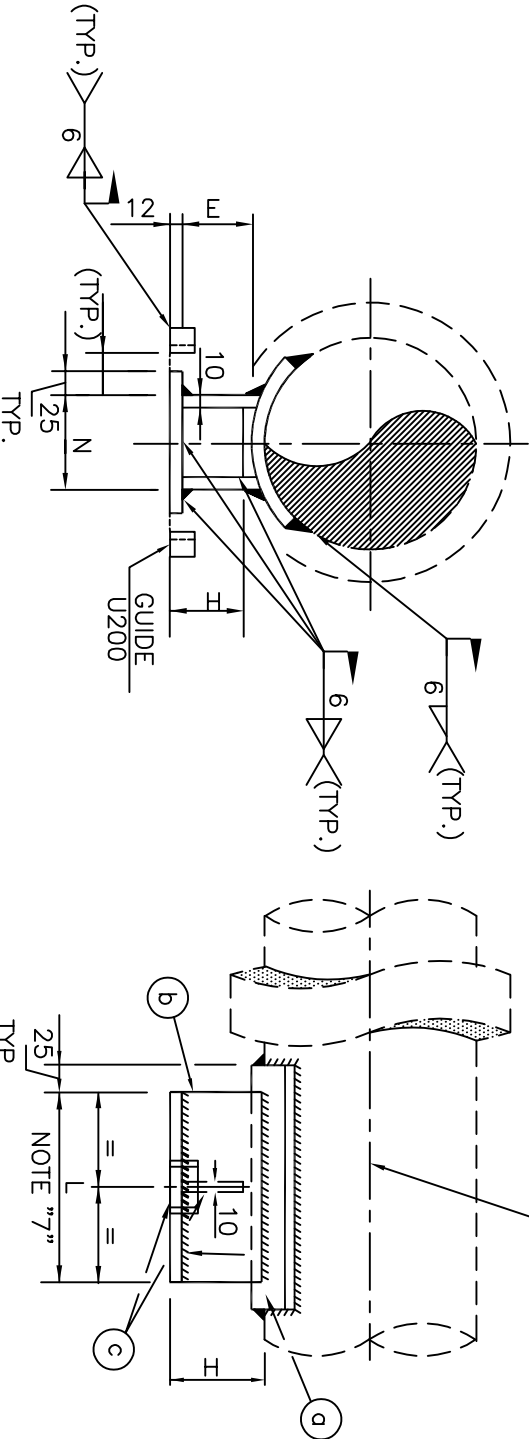
DRAWING TITLE:

STANDARD FOR PIPE SUPPORT DRAWING

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



1/2"(DN15)~4"(DN100)



6"(DN150)~14"(DN350)

16"(DN400)~24"(DN600)

MATERIAL TABLE

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

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

DES. TEMP.	MEMBER	MATERIAL OF RUN PIPE		
		CARBON STEEL	ALLOY STEEL	STAINLESS STEEL
°C 0 TO 350	MARK	A	D	G
	⓪	SEE NOTE "2"	SEE NOTE "2"	SEE NOTE "2"
°C 350 TO 420	ⓑ	A 283 GR. C	A 283 GR. C	A 283 GR. C
	ⓒ			
°C 420 TO 760	MARK	B	E	H
	⓪	SEE NOTE "2"	SEE NOTE "2"	SEE NOTE "2"
	ⓑ	A 285 GR. C	A 387 GR. C	A 285 GR. C
	ⓒ	A 285 GR. C	A 285 GR. C	A 285 GR. C
°C 760 TO 1000	MARK	F	J	
	⓪	SEE NOTE "2"	SEE NOTE "2"	
	ⓑ	A 387 GR. C	A 240 GR. 316	
	ⓒ	A 285 GR. C	A 285 GR. C	

DETAIL OF RIB

DETAIL OF PAD

