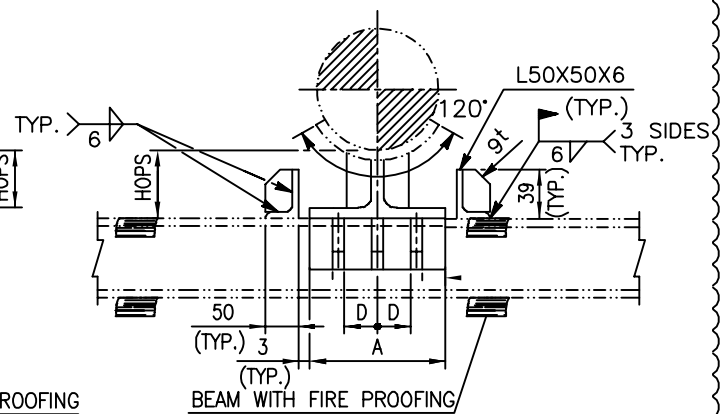


Technical drawing of a beam-to-column connection. The drawing shows a cross-section of a column with a circular top and a beam with fireproofing. The column has a diameter of 120 and a top thickness of 5. The beam has a width of 40 and a height of 3. The connection is labeled L40X40X5 and includes dimensions 9t, 35, and 3 SIDES TYP. The beam is labeled "BEAM WITH FIRE PROOFING" and the column is labeled "ROOFING".



ELEV.



DIMENSION (mm)

LINE SIZE	A	B	C	D	E
1/2"	100	100	CUT FROM H-200X100X5.5X8	—	—
3/4"	100	100		—	—
1"	100	100		—	—
1 1/2"	100	100		—	—
2"	100	100		—	—
2 1/2"	100	100		—	—
3"	100	100		—	—
4"	100	100		—	—
5"	100	100		—	—
6"	100	100		—	—
8"	100	100		—	—
10"	200	100	CUT FROM H-200X200X8X12	70	—
12"	200	100		70	—
14"	200	100		70	—
16"	300	100	FAB. FROM 12 ^t PLATE	100	12
18"	300	100		100	12
20"	300	100		100	12
24"	350	100		100	12

NOTES: (FOR SH'T D-101, D-101A ONLY)

1. DESIGNATION NUMBER DENOTE AS FOLLOWS :

83-2B(P)-A(R)-130-500

DENOTE TYPE NO.

DENOTE LINE SIZE

DENOTE REIN. PAD IS REQ'D

MODIFY LOPS=500 (IN mm) IF ANY

MODIFY HOPS=130 (IN mm) IF ANY

SEE SH'T D-80A TABLE "B"

SEE SH'T D-80A TABLE "A"

2. LENGTH OF PIPE SHOE (SAY LOPS) TO SUIT BEAM WIDTH IN FIELD.

3. HOPS=HEIGHT OF PIPE SHOE, LOPS=LENGTH OF PIPE SHOE.

4. IF THE WIDTH OF RESTING BEAM MORE THAN H-300X300 FOR EXAMPLE H-400X400, THEN THE LENGTH OF PIPE SHOE(L) NEED TO ADD 100MM ACCORDINGLY.

5. "P" IS THE WIDTH OF RESTING BEAM, "F" IS THE FIRE PROOFING THICKNESS OF RESTING BEAM.
"A" IS THE WIDTH OF PIPE SHOE. "F.P.": FIRE PROOFING.

D-101AM.DWG

中鼎工程股份有限公司
俊鼎機械廠股份有限公司

DETAIL OF PIPE SUPPORT

TYPE-83

(2 OF 3)

ENGINEERING STANDARD

STM-05.01

BY

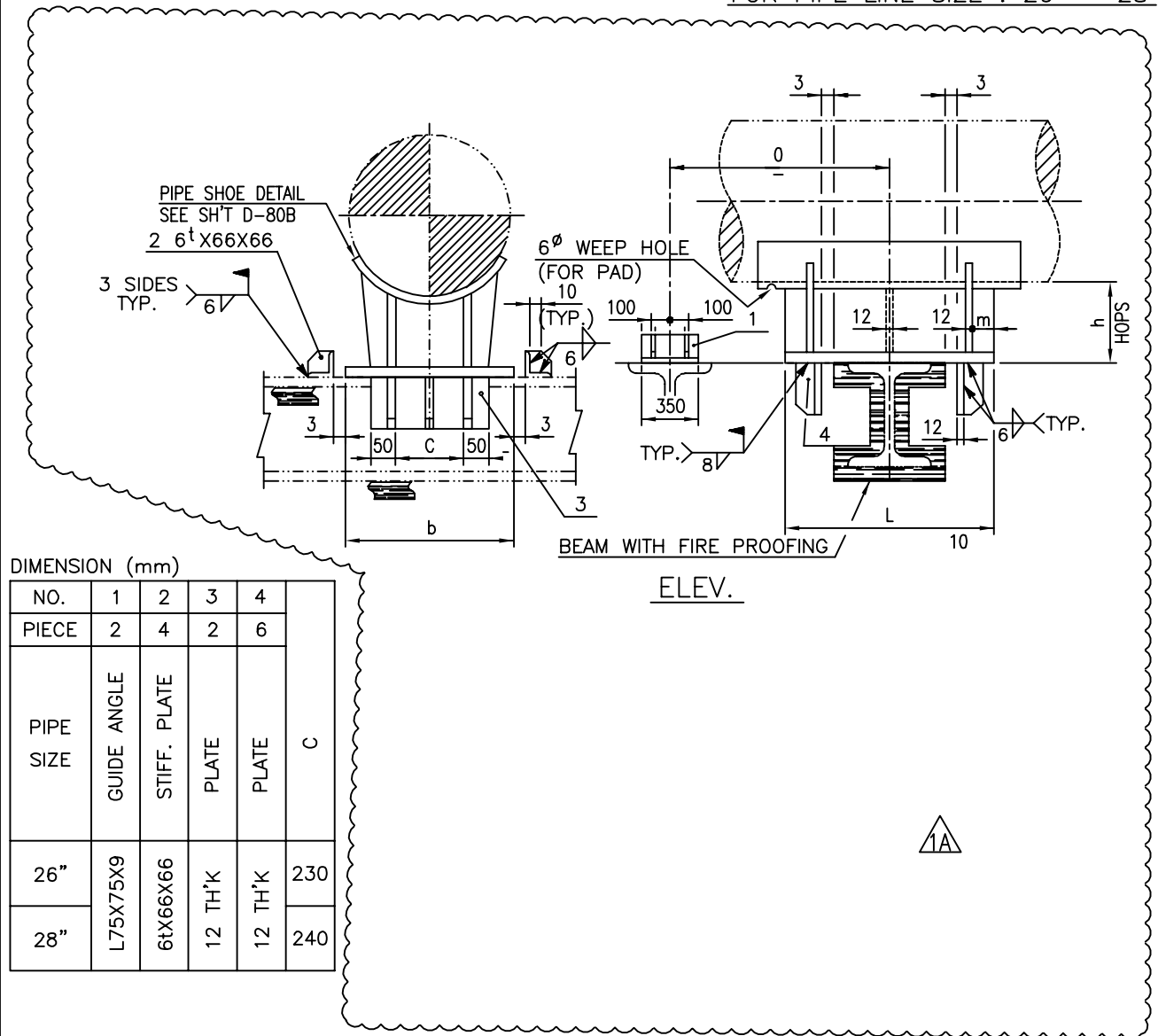
CHK.

DATE

APPR.

D-101A

REV.
1A



DIMENSION (mm)				
NO.	1	2	3	4
PIECE	2	4	2	6
PIPE SIZE	GUIDE ANGLE	STIFF. PLATE	PLATE	PLATE
26"	L75X75X9	6tX66X66	12 TH'K	12 TH'K
28"				

NOTES: (FOR SH'T D-102 ONLY)

1. DESIGNATION NUMBER DENOTE AS FOLLOWS :

83-30B-A(R)-130-500

DENOTE TYPE NO.

DENOTE LINE SIZE

SEE NOTE 4.

MODIFY LOPS=500 (IN mm) IF ANY

MODIFY HOPS=130 (IN mm) IF ANY

SEE SH'T D-80A TABLE "B"

2. LENGTH OF PIPE SHOE (SAY LOPS) TO SUIT BEAM WIDTH IN FIELD.
3. HOPS=HEIGHT OF PIPE SHOE, LOPS=LENGTH OF PIPE SHOE.
4. TYPE-A FOR INSULATION THICKNESS ≤ 100
TYPE-B FOR INSULATION THICKNESS $> 100 \leq 150$
5. LOADING CONDITION : CARBON STEEL SADDLE WITH MAX. PIPE TEMPERATURE 370°C & PRESSURE 300 PSI.
6. IF THE WIDTH OF RESTING BEAM MORE THAN H-300X300 FOR EXAMPLE H-400X400, THEN THE LENGTH OF PIPE SHOE(L) NEED TO ADD 100MM ACCORDINGLY.
7. "P" IS THE WIDTH OF RESTING BEAM, "F" IS THE FIRE PROOFING THICKNESS OF RESTING BEAM.
"b" IS THE WIDTH OF PIPE SHOE. "F.P.": FIRE PROOFING.