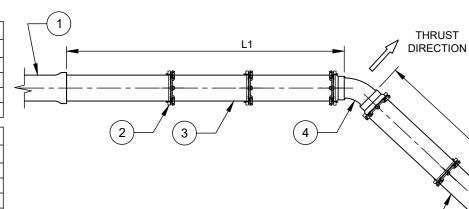


POLYWRAPPED DIP/PVC	VERTICAL BEND DOWN (TOP BEND) - L1 (FEET)							
	DIAMETER							
	BEND ANGLE	6"	8"	10"	12"	16"	20"	24"
	45	100	129	156	183	182	221	214
	22.5	54*	62	75	88	88	106	103
۵	11.25	36*	36*	54*	54*	54*	54*	54*



NO. DESCRIPTION:

- SLIP JOINT PIPE.
- RESTRAINED JOINT.
- 3. RESTRAINED JOINT PIPE.
- 4. RESTRAINED JOINT BEND.

NOTE:

A. AN ASTERIK (*) SIGNIFIES THAT THE CALCULATED LENGTH WAS ROUNDED TO A FULL PIPE LENGTH JOINT FOR MINIMUM INSTALLATION.

DESIGN BASIS:

DIPRA "THRUST RESTRAINT DESIGN FOR DIP" LAYING CONDITION: TYPE 2 SOIL DESIGNATION: SILT 1 DEPTH OF COVER: 3' MINIMUM (SEE NOTE c)

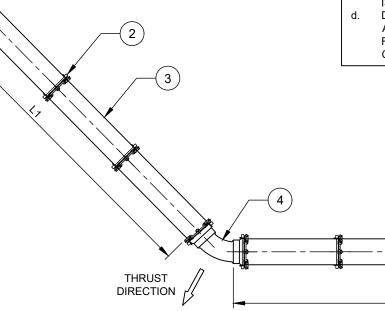
DESIGN PRESSURE: 200 PSI SAFETY FACTOR: 2.0

NOTES:

- a. 12" AND SMALLER DIP MAY BE SLIP JOINT PIPE WITH GRIP RESTRAINT GASKETS.
- b. 16" AND LARGER DIP SHALL BE FACTORY RESTRAINT JOINT PIPE AND FITTINGS.
- c. DEPTH OF COVER FOR 16" AND 20" PIPE IS 4' AND FOR 24" PIPE IS 5'.
- d. DESIGN ENGINEER CAN SUBMIT ALTERNATIVE DESIGN BASIS FOR RESTRAINED JOINT LENGTH CALCULATIONS FOR OWNER REVIEW.

	VERTICAL BEND UP (BOTTOM BEND) - L1 (FEET)							
₽	DIAMETER							
	BEND ANGLE	6"	8"	10"	12"	16"	20"	24"
	45	54*	58	70	81	81	98	94
	22.5	36*	36*	36*	54*	54*	54*	54*
	11.25	18*	18*	18*	36*	36*	36*	36*

OLYWRAPPED DIP/PVC	VERTICAL BEND UP (BOTTOM BEND) - L1 (FEET)							
	DIAMETER							
	BEND ANGLE	6"	8"	10"	12"	16"	20"	24"
	45	56	72	86	101	100	120	116
	22.5	36*	36*	54*	54*	54*	58	56
9	11.25	18*	18*	36*	36*	36*	36*	36*



NO SCALE

VERSION

1.0

DATE

04/2024

DETAIL 10.14.4

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