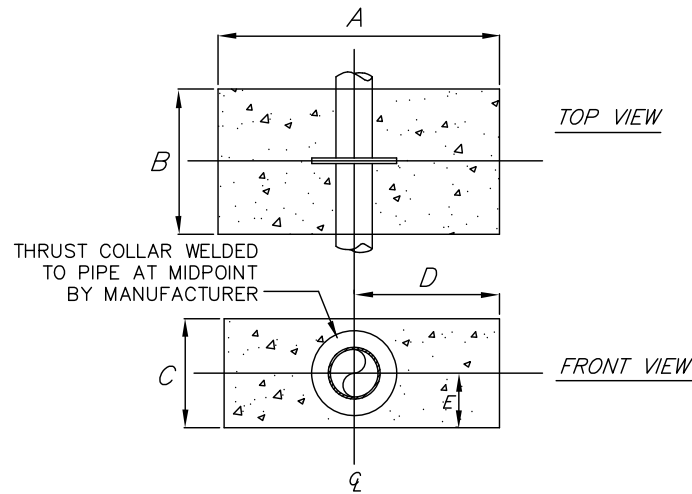


NOTES:

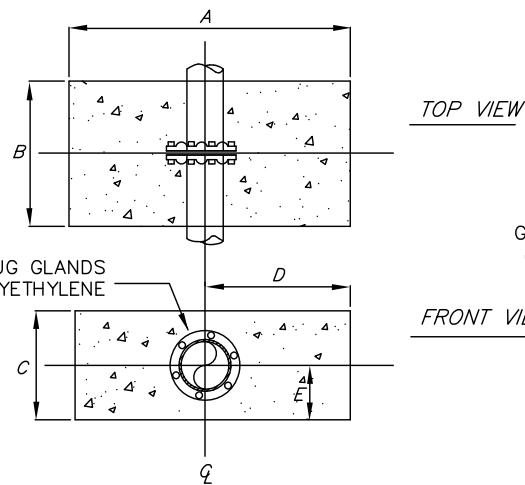
- 1) DIMENSIONS OF CONCRETE COLLARS BASED ON 2,000 POUNDS PER SQUARE FOOT (PSF) SOIL BEARING.
- 2) SPECIFICATIONS OF MEGA-LUGS SHALL CONFORM TO THE PIPE MANUFACTURER'S SUPPLIED SHOP DRAWINGS, WHICH SHALL INDICATE A THRUST RATING NOT LESS THAN THAT INCLUDED IN THE CHART BELOW.

THRUST COLLARS SHALL CONFORM TO THE PIPE MANUFACTURER'S SUPPLIED SHOP DRAWINGS WHICH SHALL INDICATE A THRUST RATING NOT LESS THAN THAT INCLUDED IN THE CHART BELOW.
- 3) DIMENSIONS OF WELDED STEEL OR DUCTILE IRON.
- 4) CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 POUNDS PER SQUARE INCH (PSI) AT 28 DAYS. "HIGH EARLY" STRENGTH CONCRETE SHALL BE USED.
- 5) SOIL CONDITIONS SHALL BE VERIFIED BY AN INDEPENDENT, THIRD-PARTY GEOTECHNICAL TESTING FIRM PRIOR TO CONSTRUCTION.
- 6) FOR 3" PIPE, USE 4" DIAMETER THRUST RATING.



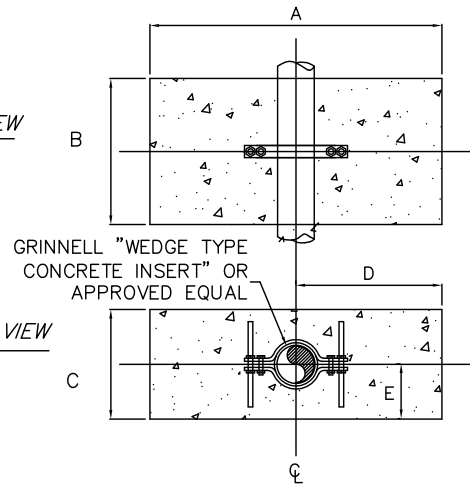
DETAIL "A" DIP ONLY

— DETAIL "A" AND "B" APPLY TO DIP IN GRAVITY AND PRESSURE APPLICATIONS



DETAIL "B" DIP ONLY

(2) OPPOSING MEG-A-LUG GLANDS WRAPPED IN POLYETHYLENE



DETAIL "C" SDR-35 PVC OR DIP

— DETAIL "C" APPLIES TO SDR-35 PVC AND DIP IN GRAVITY APPLICATIONS ONLY

PIPE SIZE	A	B	C	D	E	CY.	WELDED THRUST COLLAR MINIMUM RATING
4"	3'-0"	2'-0"	1'-6"	1'-6"	0'-8"	0.33	4,500 lbs
6"	4'-0"	2'-0"	1'-6"	2'-0"	0'-9"	0.44	9,300 lbs
8"	4'-6"	2'-0"	2'-0"	2'-3"	1'-0"	0.67	16,000 lbs
12"	6'-0"	2'-0"	3'-0"	3'-0"	1'-6"	1.33	34,000 lbs
16"	6'-6"	2'-0"	4'-6"	3'-3"	2'-3"	2.17	59,000 lbs

GREER COMMISSION OF PUBLIC WORKS
TYPICAL CONCRETE COLLAR DETAIL

APPROVED BY:

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SCALE:

NTS



DATE:

FEBRUARY 2021

REVISED:

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DRAWING NO.

W-6