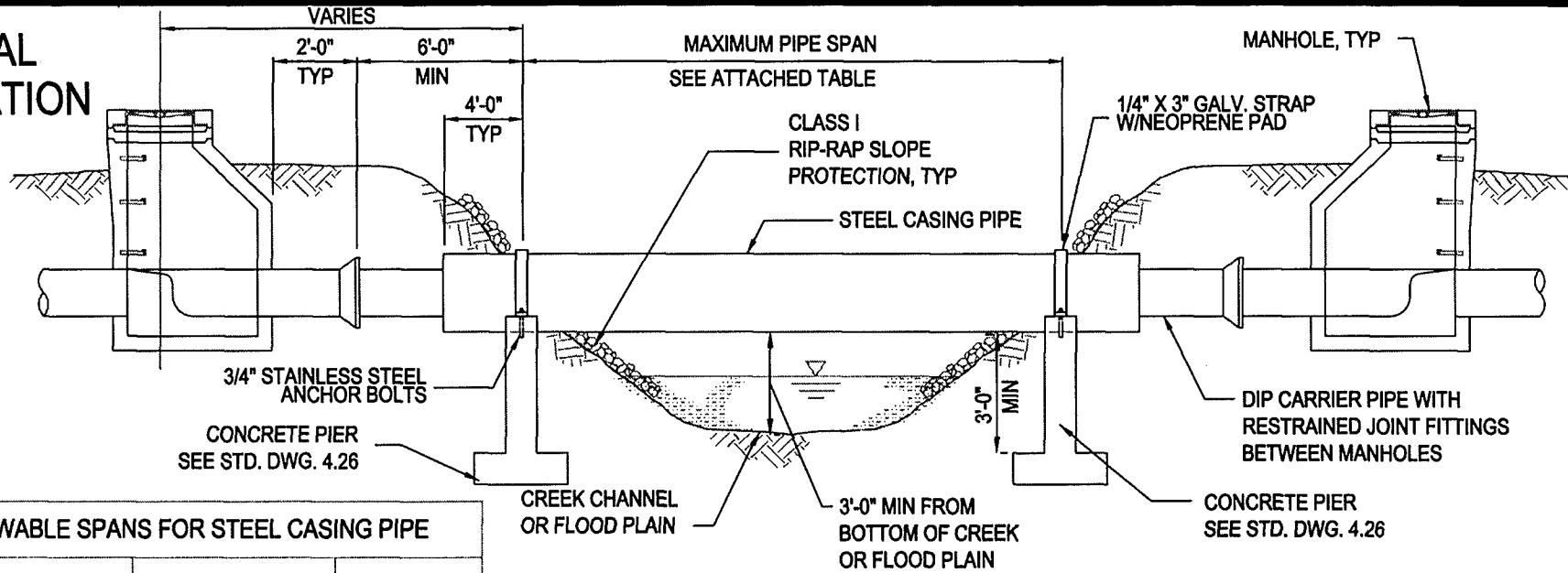


TYPICAL ELEVATION VIEW



CARRIER PIPE, DIP DIAMETER (IN.)	CASING PIPE, STEEL DIAMETER (IN.)	MINIMUM CASING PIPE WALL THICKNESS (IN.)	ALLOWABLE SPAN (FT.)
6	14	0.2500	40
8	16	0.2500	45
10	18	0.3125	50
12	20	0.3125	50
14	24	0.3125	55
16	26	0.3750	55
18	30	0.3750	60
20	32	0.3750	60
24	36	0.4375	65
30	42	0.4375	65
36	48	0.4375	65
42	56	0.5000	65

NOTES:

1. STEEL PIPE SHALL BE EITHER SPIRAL WELDED OR SMOOTH WALL SEAMLESS WITH A MINIMUM YIELD STRENGTH OF 35,000 PSI. COATINGS SHALL BE APPLIED AS REQUIRED BY THE CITY OF ROCKY MOUNT MANUAL OF SPECIFICATIONS, STANDARDS, AND DESIGN.
2. CASING ENDS SHALL BE SEALED AND DUCTILE IRON PIPE SHALL BE SUPPORTED WITH TWO SPIDERS AT EVERY JOINT WITHIN THE CASING PIPE USING APPROVED PIPE ISOLLATORS. SEE STANDARD DRAWING 1.18.
3. SHOWN MINIMUM FOOTING DEPTHS SHALL BE BASED ON SUBGRADE CONDITIONS AT SITE. WHERE ALLOWABLE SOIL BEARING CAPACITY DOES NOT MEET MINIMUM AS REQUIRED ON STANDARD DRAWING 4.27, ENGINEER SHALL DETERMINE WHETHER ADDITIONAL FOOTING DEPTH OR PILE SUPPORTS WILL BE REQUIRED.
4. BOTTOM OF PIPE SHALL BE A MINIMUM OF 1' ABOVE THE 25 YEAR FLOOD ELEVATION UNLESS OTHERWISE APPROVED BY CITY ENGINEER.

AERIAL PIPE CROSSING (SHEET 2 OF 8)

CITY OF ROCKY MOUNT
DEPT. OF ENGINEERING

APPROVED

-

STD. NO.

4.25

DATE

04-22-04

REVISION

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REVISIONS

NO.	DATE	DESCRIPTION