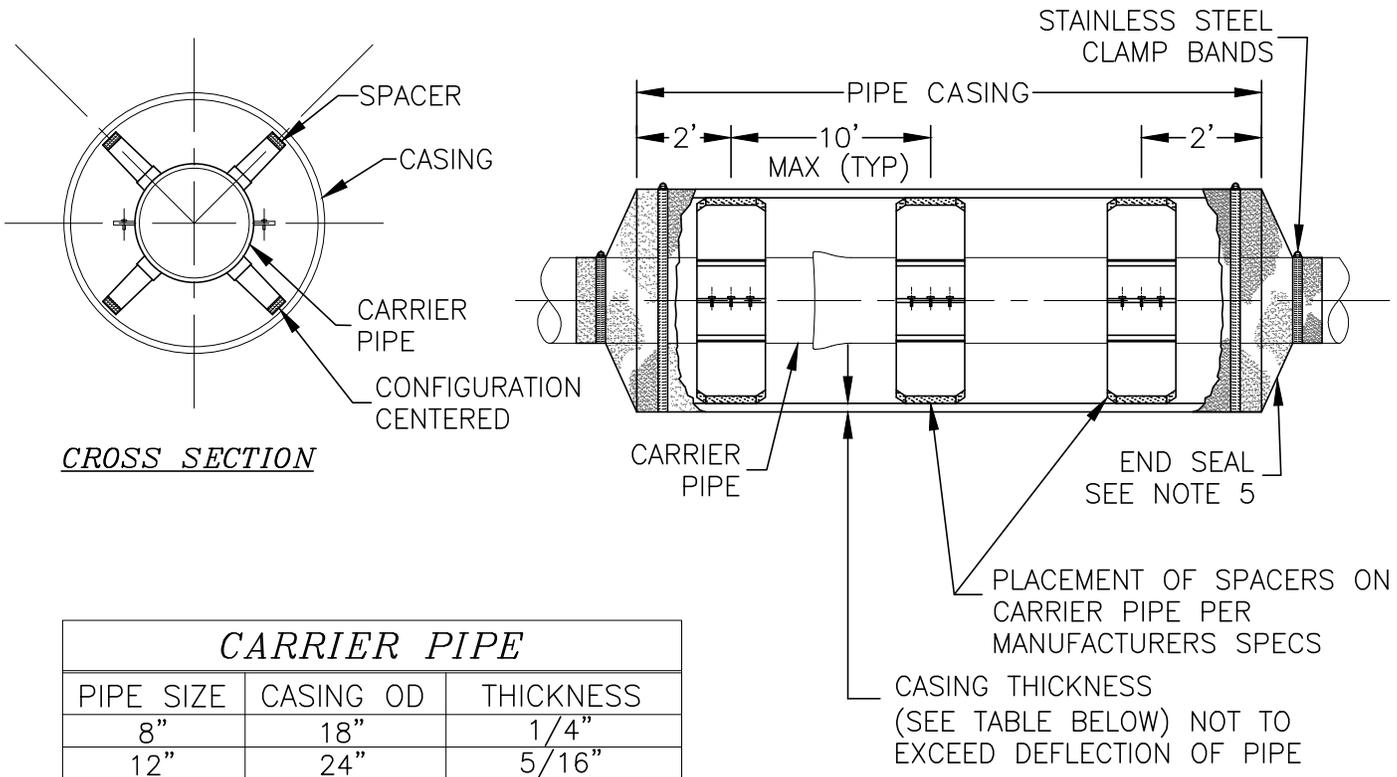


N:\AUTOCAD FILES\AUTOCAD MASTER DWGS\WORKING DWGS\Standard SPEC DWGS\Std-Dwg_FOWD\Dwgs\Std-20-Pipe Casing.dwg_08/08/16 09:04:25am_ Leggar



CARRIER PIPE

PIPE SIZE	CASING OD	THICKNESS
8"	18"	1/4"
12"	24"	5/16"
16"	30"	3/8"
18"	30"	3/8"
20"	36"	1/2"
24"	42"	1/2"

NOTES:

1. STEEL PIPE CASING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A283, GRADE B, C, OR D. ALL JOINTS SHALL BE WELDED. INTERIOR JOINTS SHALL BE GROUND TO A SMOOTH FINISH. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C206, "AWWA STANDARD FOR FIELD WELDING OF STEEL WATER PIPE." COATINGS FOR STEEL CASING ARE NOT REQUIRED.
2. STEEL PIPE CASING SHALL BE INSTALLED SYMMETRICAL ABOUT WATER MAIN CENTERLINE (TYP). PIPE CASING SHALL BE LAID TRUE TO LINE AND GRADE WITH NO BENDS OR CHANGES IN GRADE FOR THE FULL LENGTH OF THE CASING.
3. DISTRICT APPROVED CASING SPACERS AND END SEALS SHALL BE INSTALLED PER MANUFACTURERS SPECS. USE A CENTERED CONFIGURATION AND PROVIDE THE MANUFACTURER WITH THE FOLLOWING: (PIPE OD, CASING ID, AND CASING LENGTH)
4. ALL PIPE JOINTS WITHIN THE CASING ARE TO BE MECHANICALLY RESTRAINED.
5. END SEALS SHALL BE APS MODEL "AM MOLDED END SEAL" OR FOWD APPROVED EQUAL. PER FOWD STANDARD SPECIFICATIONS SECTION 4.1.13.B

Fair Oaks Water District
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**CASING INSTALLATION
 DETAILS**

Standard Drawing 20

APPROVED:
 M. NISENBOYM
 DRAWN BY
 T. EGGAR
 DRAWING
 STD-20
 REVISED
 JULY-2016
 SCALE
 N/A

Standard Specifications

FAIR OAKS
 WATER DISTRICT

Standard Drawing 20