



NOTES:

1. CASING SHALL BE INSTALLED BY THE DRY BORING AND JACKING METHOD AS SPECIFIED.
2. THE DIAMETER OF THE BORE HOLE SHALL NOT BE MORE THAN 0.1 FOOT GREATER THAN THE OUTSIDE DIAMETER OF THE CASING PIPE.
3. VARIATION IN THE ALIGNMENT AND GRADE OF THE CASING SHALL NOT EXCEED ONE-HALF OF ONE PERCENT OF THE DISTANCE FROM THE JACKING POINT.
4. CASING SHALL BE ASDTM A35, GRADE B, SMOOTH STEEL PIPE, SIZE AND WALL THICKNESS SHALL BE AS INDICATED IN TABLE 1 BELOW.
5. CASING JOINTS SHALL BE WELDED IN ACCORDANCE WITH AWWA C-206, EXCEPT HYDROSTATIC TESTING WILL NOT BE REQUIRED.
6. SPACERS SHALL BE BOLT ON STYLE, TWO PIECE SHELL OF 304 STAINLESS STEEL OF A MINIMUM 14 GAUGE THICKNESS. SHELL SHALL BE LINED WITH RIBBED PVC SHEET OF A 0.090" THICKNESS, WITH OVERLAPS AT EDGES. (CASCADE TYPE CCS SPACERS OR APPROVED EQUAL).
7. WHERE CONDITIONS WARRANT, THE SPACE BETWEEN THE CARRIER PIPE AND THE CASING PIPE SHALL BE FILLED AS DIRECTED BY THE CITY OF RIPON.
8. ENDS OF CASING SHALL BE SEALED WITH A HEAT SHRINKABLE CASING SEAL, (CALPICO MODEL C OR EQUAL).

PIPE SIZE AND TYPE	CASING I.D.	WALL THICKNESS
6" SDR-26	10"	0.250
6" C900, 8" SDR-26	12"	0.250
8" C900, 10" SDR-26	14"	0.250
10" C900, 12" SDR-26, 6" VCP	16"	0.250
12" C900, 8" VCP	18"	0.250
14" C905, 15" SDR-26	20"	0.281
18" PS-46, 10" VCP	22"	0.312
16" C905, 18" SDR-26, 12" VCP	24"	0.344
18" C905, 21" PS-46	26"	0.375
15" VCP	28"	0.406
24" PS-46	30"	0.406
18" VCP	32"	0.483

NO.	REVISED	BY	Jack and Boring	APPROVED  CITY ENGINEER RCE-28191
DRAWN BY: MCP			DATE: 2-2-99	
CHECKED BY: DJR			CITY OF RIPON	
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