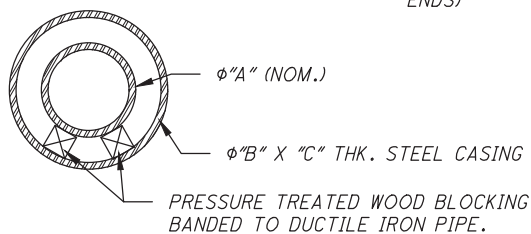


ϕ "B" X "C" THK. STEEL CASING
(SINGLE PIECE - NO JOINTS)

ϕ "A"	ϕ "B"	"C" THK.
8"	16"	3/8"
12"	20"	3/8"
16"	24"	1/2"



SECTION A-A

STEEL CASING DETAIL

NOTES:

1. WATER MAIN SHALL BE DUCTILE IRON, MINIMUM CLASS 52, CEMENT LINED PUSH-ON JOINT PIPE WITH RESTRAINED MECHANICAL JOINT DUCTILE IRON CLASS 350, CEMENT LINED RESTRAINED MECHANICAL JOINT FITTINGS.
2. WHERE DEPTH OF LOWERING REQUIRES AN INTERMEDIATE JOINT BETWEEN STATIONS "A" & "B" AND/OR "C" & "D" THE ENTIRE LOWERING SHALL BE MADE WITH DUCTILE IRON, MINIMUM CLASS 52 CEMENT LINED PIPE AND DUCTILE IRON CLASS 350, CEMENT LINED FITTINGS ALL HAVING BOLTLESS RESTRAINED PUSH-ON JOINTS, TYPE I.
3. WHERE LENGTH OF LOWERING UNDER OBSTRUCTION(S) REQUIRE AN INTERMEDIATE JOINT ONLY BETWEEN STATIONS "B" & "C", AND PIPE JOINTS ARE AS INDICATED IN NOTE "1" ABOVE, THAT INTERMEDIATE JOINT(S) SHALL BE MADE WITH A BOLTLESS RESTRAINED PUSH-ON JOINT, TYPE II.
4. WHERE LENGTH OF LOWERING UNDER OBSTRUCTION(S) REQUIRES AN INTERMEDIATE JOINT ONLY BETWEEN "B" & "C" AND PIPE JOINTS ARE AS INDICATED IN NOTE "2" ABOVE, THAT INTERMEDIATE JOINT(S) SHALL BE MADE WITH A BOLTLESS RESTRAINED PUSH-ON JOINT, TYPE I.
5. STEEL CASING SHALL BE PER THE DETAIL FOUND ON THIS SHEET. CASING SHALL BE UNCOATED - UNPROTECTED STEEL CASING PER ASTM A-53-89A (AWWA-C-200-91)