

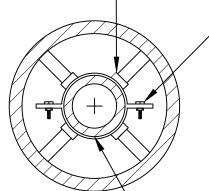
1. ALL BOLTS, NUTS, AND WASHERS EXPOSED TO DIRECT BURY CONDITIONS SHALL BE LOW ALLOY STEEL. AFTER ASSEMBLY ALL BOLTS. NUTS, AND WASHERS SHALL BE COMPLETELY COATED WITH SPRAY ON CORROSION PROTECTION AND BOLTS SHALL BE EQUIPPED WITH SACRIFICIAL ZINC ANODE CAPS (MANUFACTURED BY TRUMBULL OR APPROVED EQUAL).

2. ALL PIPES, FITTINGS, AND FIXTURES IN CONTACT WITH POTABLE WATER SHALL BE LEAD FREE PER THE REDUCTION OF LEAD IN DRINKING WATER ACT AND NSF/ANSI STANDARD 61 (NSF-61). LEAD FREE IS DEFINED AS CONTAINING NOT MORE THAN A WEIGHTED AVERAGE OF 0.25 PERCENT LEAD WHEN USED WITH RESPECT TO THE WETTED SURFACES OF PIPES, PIPE FITTINGS, PLUMBING FITTINGS, AND FIXTURES.

- 3. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
- 4. ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE.
- 5. CASING THICKNESS MAY BE INCREASED AS APPLICATIONS AND CONDITIONS WARRANT AND AT THE SOLE DISCRETION OF EWW.

BY CASCADE WATERWORKS MFG. OR APPROVED EQUAL)

> 304 STAINLESS STEEL STUD WASHERS AND **HEX NUTS**



MINIMUM CASING PIPE SIZE (AND CASING THICKNESS*) 20" WATER MAIN - 36" CASING (0.75")

16" WATER MAIN - 30" CASING (0.50")

12" WATER MAIN - 24" CASING (0.50")

8" WATER MAIN - 16" CASING (0.50")

6" WATER MAIN - 12" CASING (0.50") 4" WATER MAIN - 10" CASING (0.50")

* BASED ON SCHEDULE 40 WALL THICKNESS WITH 0.5" AS MINIMUM SIZE.

`ANSI/AWWA C151/A21.51 CLASS 52 DUCTILE IRON WATER MAIN (DOUBLE CEMENT LINED WITH ASPHALTIC COATING) IN V-BIO POLYETHYLENE ENCASEMENT

(NOT TO SCALE)

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DRAWN BY: HB APPROVED BY: CE DATE: MAR 2024 EWW - CD - 010

STEEL CASING AND DUCTILE IRON WATER MAIN (BORE)

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