

- 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. <u>ANY</u> MODIFICATION <u>MUST</u> 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.

16" WATER MAIN - 30" CASING (0.75")

12" WATER MAIN - 24" CASING (0.688")

| 12 WATER MAIN - 24 CASING (0.688 | 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)

RIE

WATER WORKS

DRAWN BY: RD APPROVED BY: CP
DATE: FEB 2020 EWW - CD - 010

STEEL CASING AND DUCTILE IRON WATER MAIN (BORE)

ERIE WATER WORKS
240 West 12th Street
Erie, PA 16501
engineeringservices@eriewaterworks.org