

NOTES:

1. TRANSVERSE EXPANSION JOINTS SHALL BE SPACED 50' MAXIMUM.
2. CONTRACTION JOINTS SHALL BE SPACED 5' MAXIMUM.
3. ALL CONCRETE TO BE FINISHED WITH CURING COMPOUND.
4. ALL CONCRETE SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF THE ACI.
5. SIDEWALK EASEMENT REQUIRED WHEN SIDEWALK IS OUTSIDE PUBLIC RIGHT OF WAY.

Original

TOWN OF APEX
STANDARDS

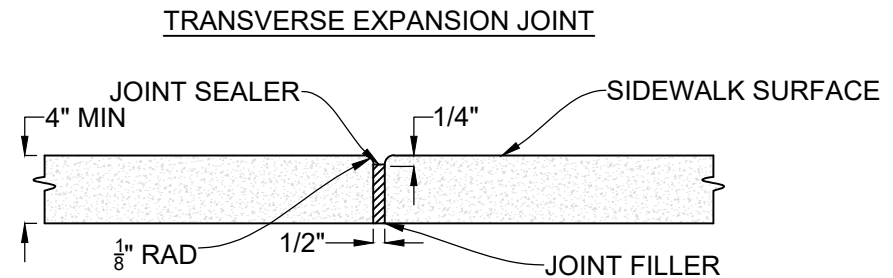
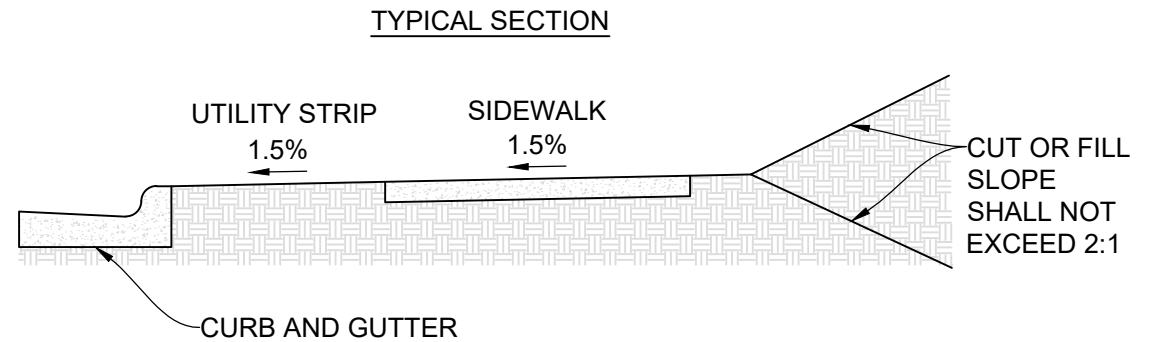
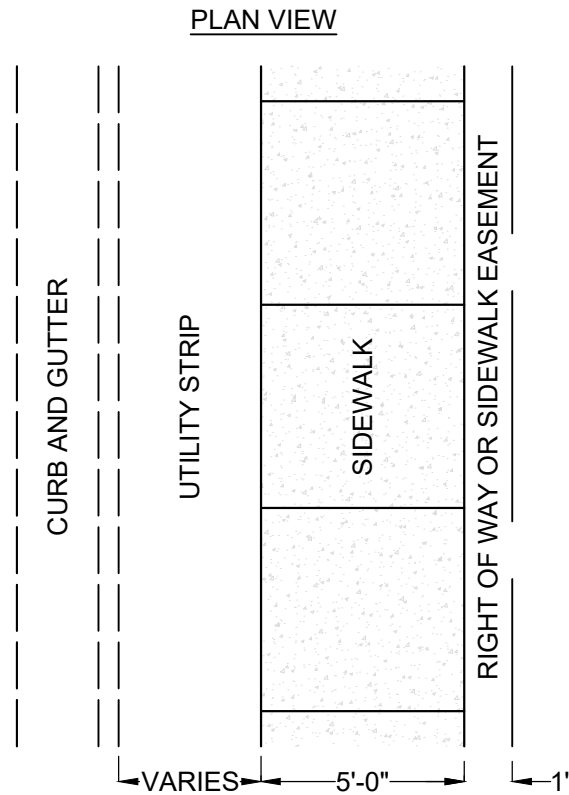
EFFECTIVE: APRIL 12, 2022

CONCRETE SIDEWALK

STD. NO.

300.08

SHEET 1 OF 1



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Revised

TOWN OF APEX
STANDARDS

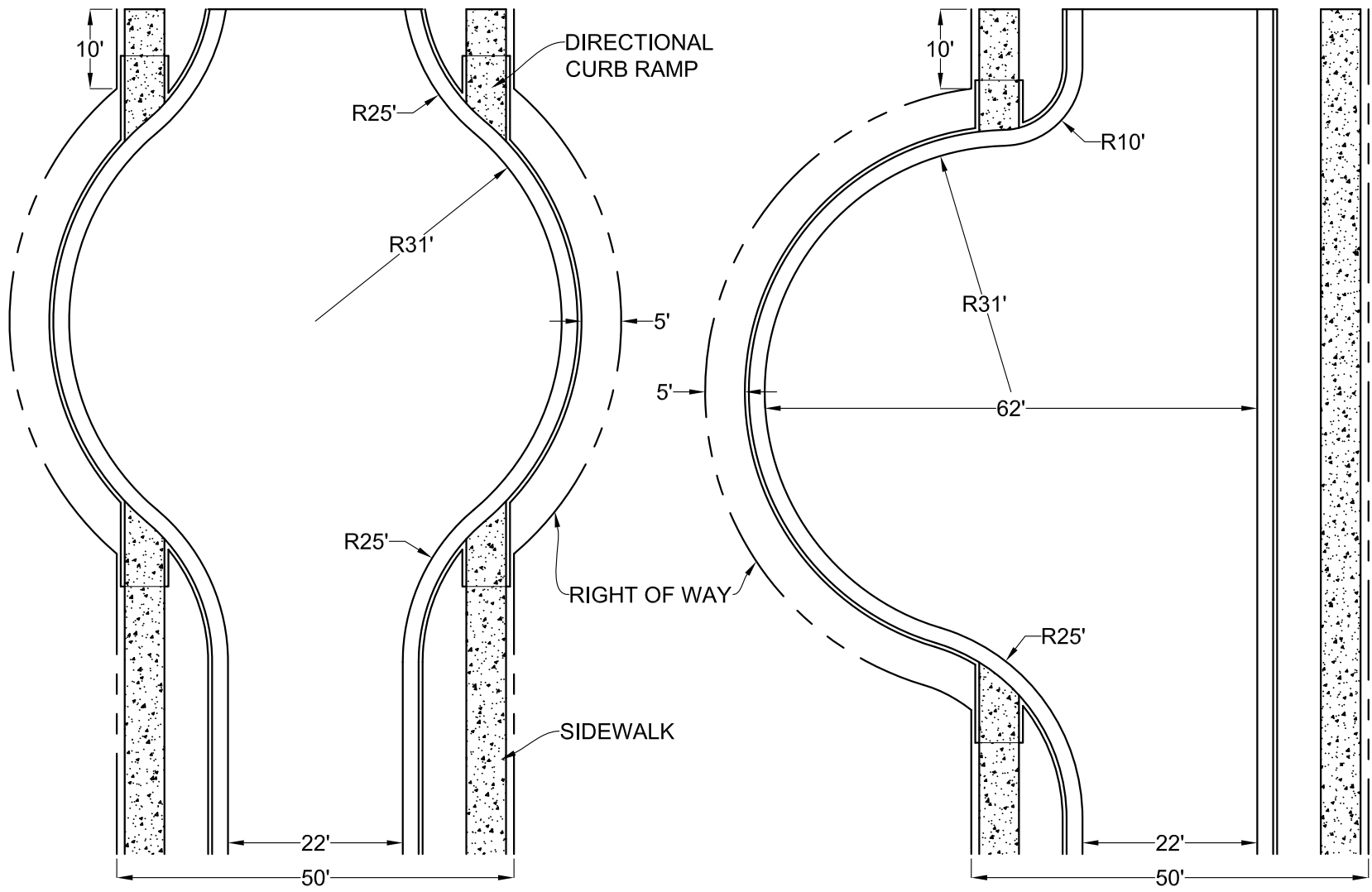
EFFECTIVE: JUNE 13, 2023

CONCRETE SIDEWALK

STD. NO.

300.08

SHEET 1 OF 1

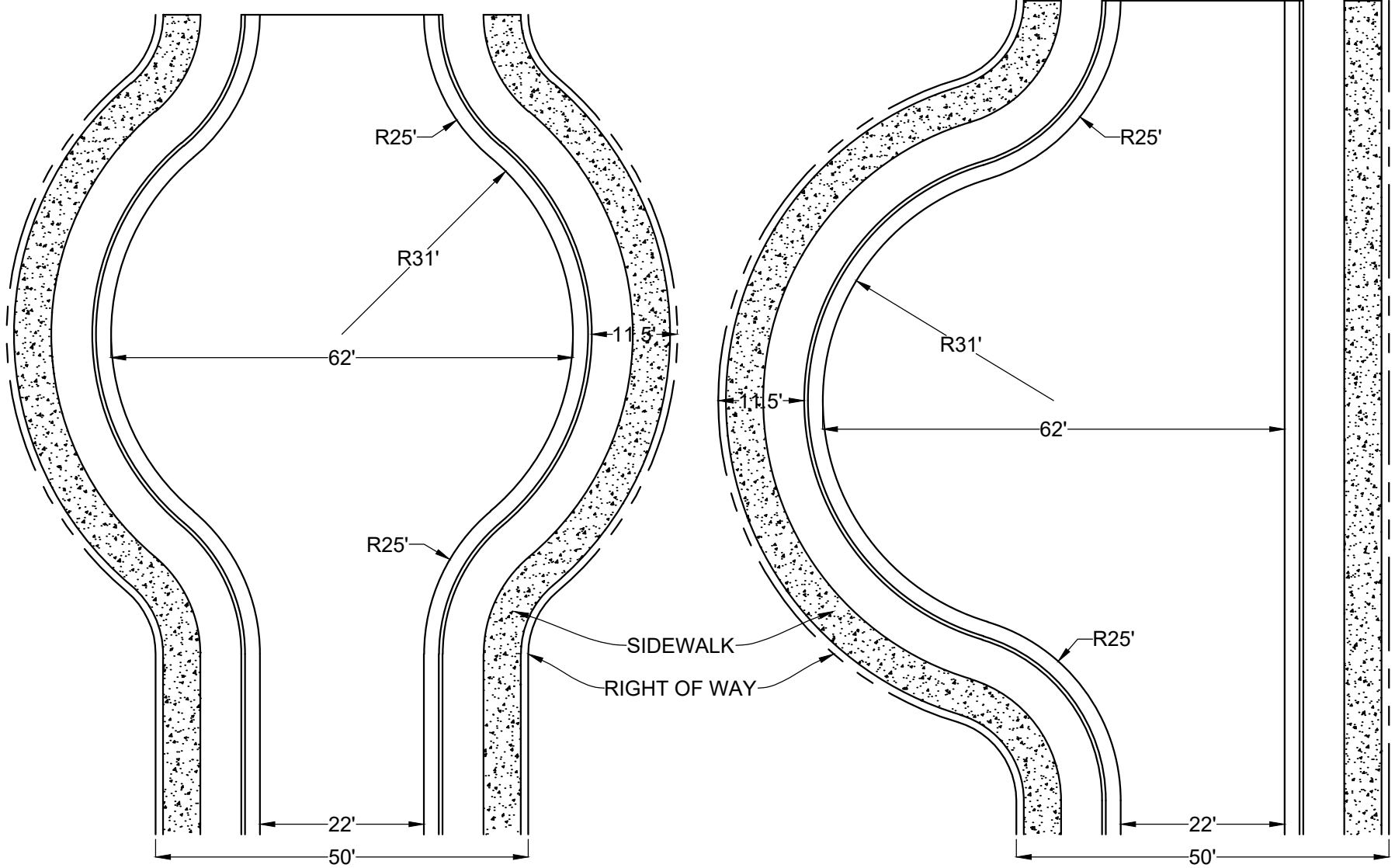


Original

TOWN OF APEX STANDARDS
EFFECTIVE: JULY 21, 2015

STUB STREET TURN-AROUND

STD. NO.
300.25
SHEET 1 OF 1



Revised

TOWN OF APEX
STANDARDS

EFFECTIVE: JUNE 13, 2023

STUB STREET TURN-AROUND

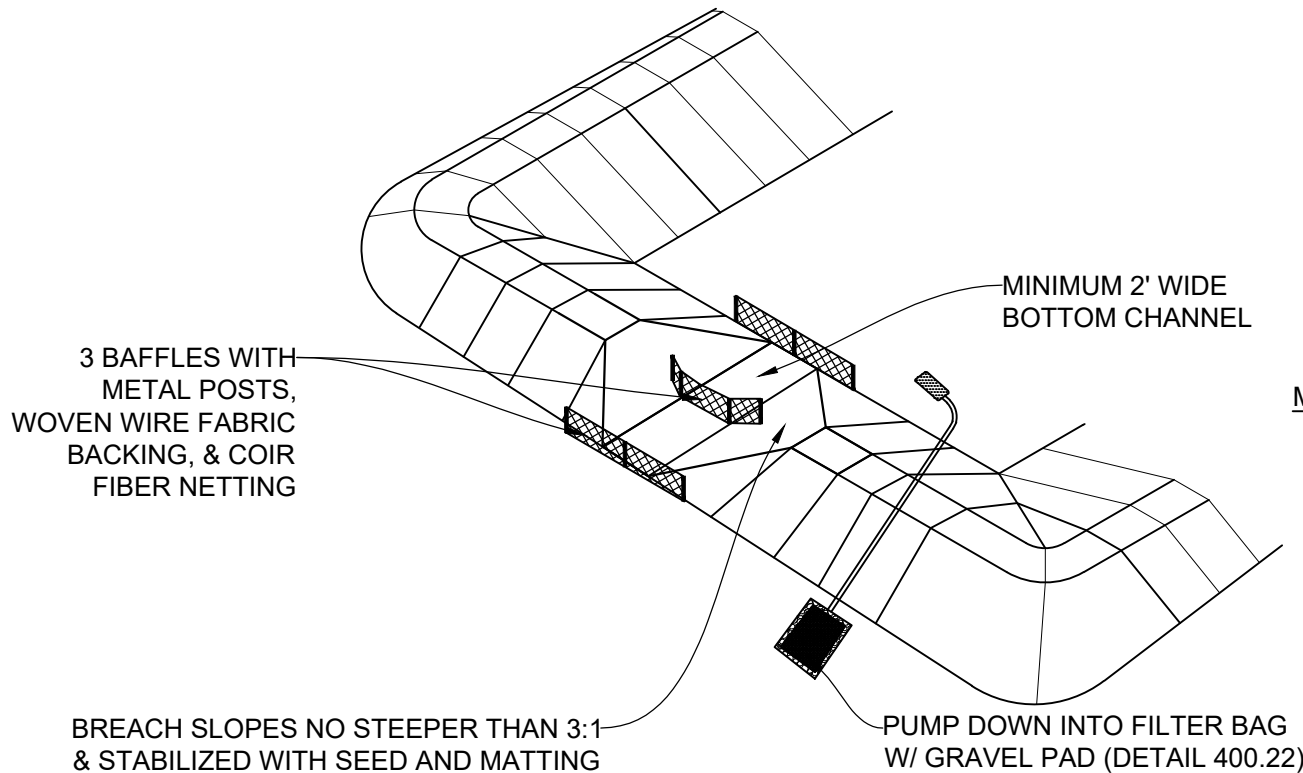
STD. NO.

300.25

SHEET 1 OF 1

DAM BREACH SEQUENCE:

1. Schedule a preconstruction meeting with Stormwater Engineering at 919-372-7470.
2. Install tree/silt fence or combo fence as shown on the approved plans. Clear only as necessary to install these devices. Coordinate the installation & inspection of the tree/silt fence with the Planning Department Zoning Inspector.
3. Drain water from the pond using pumps or siphoning. Discharged water from the pond shall be to the existing downstream draw or channel. If using a pump to drain, a silt bag will be required.
4. After the pond is sufficiently drained, a site meeting shall be coordinated with Stormwater Engineering staff to determine the exact location for the breach. Extend the breach as low as possible to make sure all of the water from the pond can drain out.
5. Install 3 coir baffles equally spaced across the breach to control sediment from leaving the site. Rip rap is not required but can be used if existing conditions warrant it.
6. Stabilize all denuded areas including the pond bottom, breach, access and stockpile areas with seed & straw. The denuded areas shall establish vegetative cover within 14 days of making the breach.
7. Once full cover is established call Stormwater Engineering at 919-372-7470 for a final inspection & approval to remove tree/silt fence and baffles. The owner is responsible for permanent erosion control maintenance of the site.



MAINTENANCE:

1. Repair coir baffles as needed to maintain proper function.
2. Restabilize denuded areas as needed to maintain vegetated coverage and stabilization.
3. Maintain dewatering pumps in good working order; and abide by local noise ordinances.

New

**TOWN OF APEX
STANDARDS**

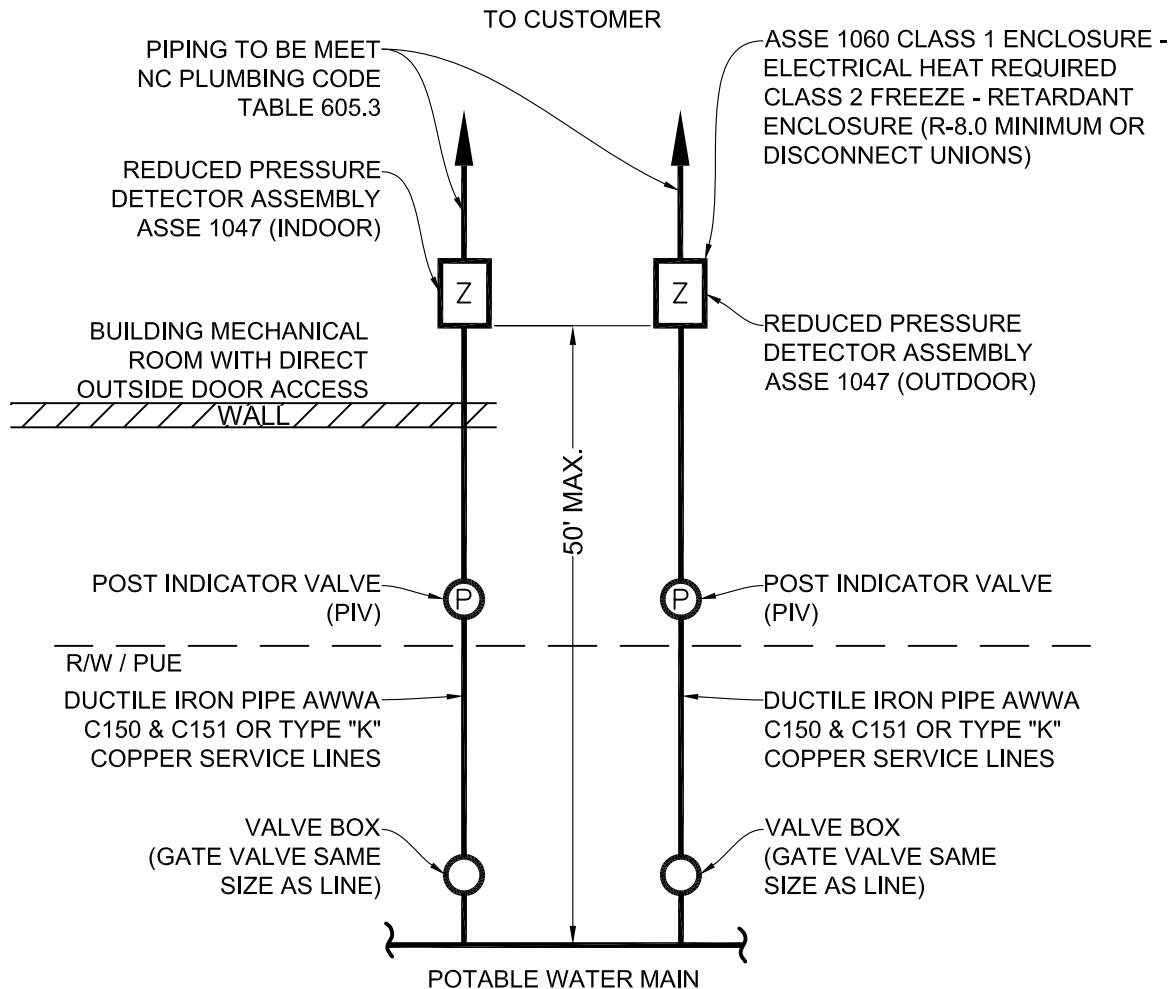
EFFECTIVE: JUNE 13, 2023

EXISTING POND DAM BREACH

STD. NO.

400.24

SHEET 1 OF 1



FIRE

NOT TO SCALE

Original

NOTE:

1. REDUCED PRESSURE DETECTOR ASSEMBLY ASSE 1047 SHALL MEET CURRENT TOWN OF APEX CROSS CONNECTION ORDINANCE AND USC CODE.
2. INLET PIPE TO WATER METER SHALL BE SAME SIZE AS OUTLET PIPE BEHIND BACKFLOW PREVENTER.
3. THERE SHALL BE NO TAPS, BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS OR OTHER WATER-USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS REQUIRED BACKFLOW PREVENTER.
4. EACH BACKFLOW PREVENTER CONNECTED TO TOWN OF APEX WATER SUPPLY (CONTAINMENT) SHALL BE TESTED BY AN APPROVED TESTER BEFORE PLACING THE WATER SYSTEM IN SERVICE AND SHALL BE TESTED ANNUALLY OR AS REQUESTED BY THE TOWN OF APEX.
5. ENCLOSURE SHALL HAVE THE FOLLOWING INFORMATION MARKED:
 - A. NAME OF MANUFACTURER OR TRADE MARK
 - B. MODEL NUMBER
 - C. DATE CODE OR SERIAL NUMBER
 - D. CLASS DESIGNATION AND LOWEST TEMPERATURE RANGE
 - E. ASSE STANDARD #1060
 - F. PHYSICAL ADDRESS
 - G. MARKINGS SHALL BE 6 MM ($\frac{1}{4}$ ") SIZE LETTER HEIGHT AND CAST, ETCHED, STAMPED OR ENGRAVED ON THE ENCLOSURE, OR ON A CORROSION RESISTANT PLATE SECURELY ATTACHED TO THE ENCLOSURE.
 - H. 2" SIZE NUMBERS TO BE PLACED ON THE BACK OF THE COVER FOR EACH BACKFLOW LOCATION (COMMERCIAL ONLY).
6. ALL BACKFLOW PREVENTERS SHALL BE "LEAD FREE".

TOWN OF APEX
STANDARDS

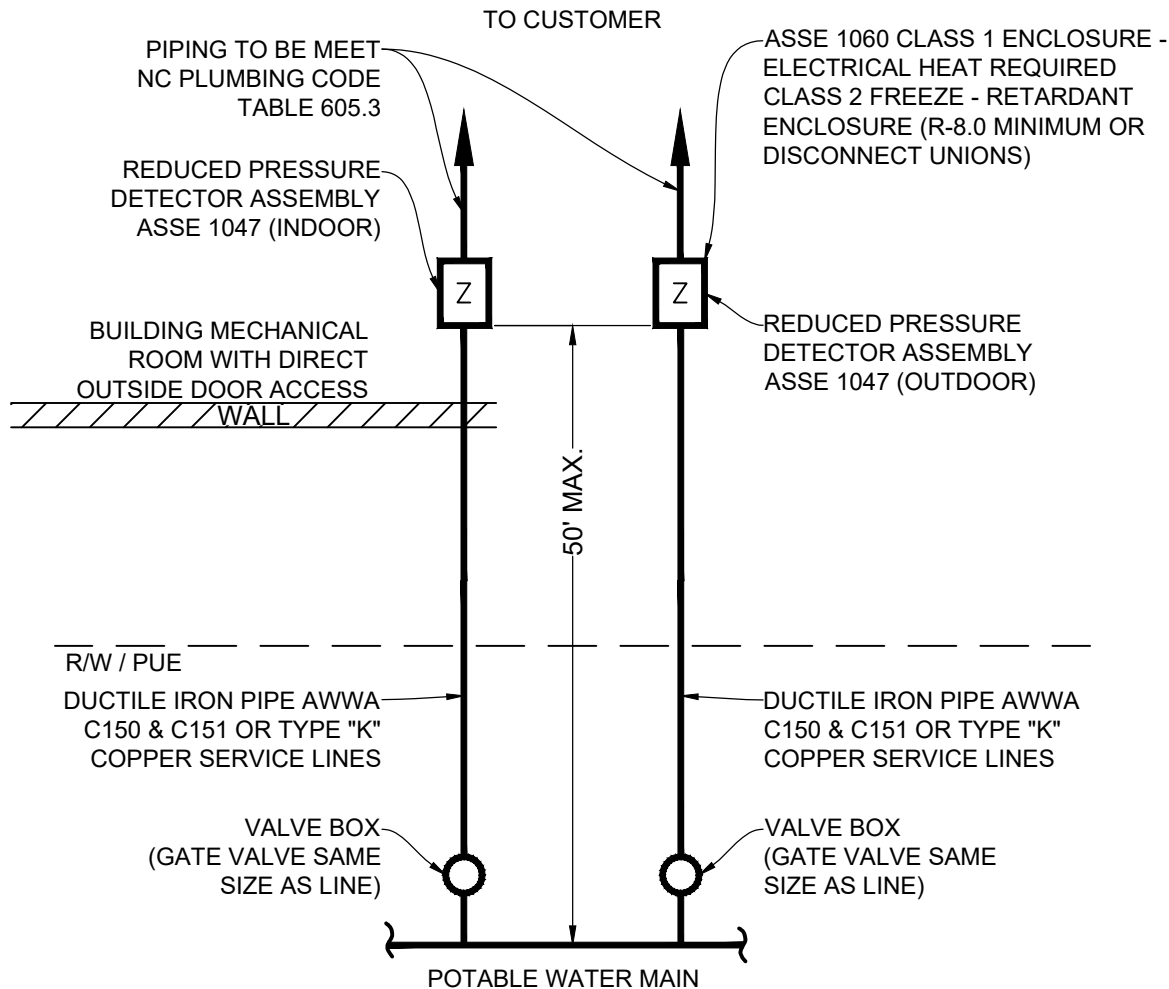
EFFECTIVE: MARCH 6, 2018

TYPICAL FIRE CONNECTIONS - COMMERCIAL

STD. NO.

620.02

SHEET 1 OF 2



NOTE:

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FIRE

Revised

NOT TO SCALE

TOWN OF APEX
STANDARDS

EFFECTIVE: JUNE 13, 2023

TYPICAL FIRE CONNECTIONS - COMMERCIAL

STD. NO.

620.02

SHEET 1 OF 2