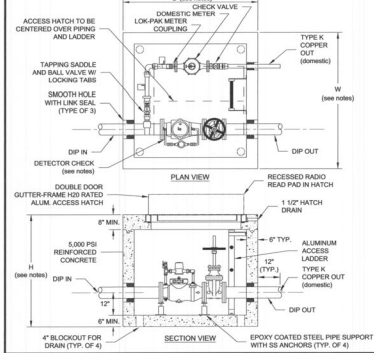


1. FOR 6" FIRE LINE, EXTERIOR VAULT DIMENSIONS SHALL BE (L X W X H) 6' X 6' X 2' WITH DOMESTIC TAP MADE INSIDE VAULT AS SHOWN BELOW.
2. FOR 6" FIRE LINE EXTERIOR VAULT DIMENSIONS SHALL BE (L X W X H) 6' X 6' X 2' WITH DOMESTIC TAP MADE OUTSIDE VAULT. BALL VALVE WITH LOCKING TABS SHALL BE PROVIDED INSIDE VAULT TO ALLOW FOR ISOLATION OF DOMESTIC METER.
3. SINGLE DETECTOR CHECK VALVE SHALL BE WELDED 315 DALM, WATTS ES-8807F, SP, OR APPROVED EQUAL WITH FLANGED END CONNECTIONS, BYPASS ASSEMBLY, AND ONE OSKY GATE VALVE.
4. DOMESTIC METER SHALL BE TYPE K COPPER WITH GRIFF JOINT FITTINGS, BALL VALVE AT TAPPING SADDLE (WITH LOCKING TABS) AND CHECK VALVE ON OUTLET.
5. DOMESTIC METER AND BYPASS METER TO BE SUPPLIED BY OWNER AND INSTALLED BY VENDOR.
6. "IN FLANGE" ADAPTOR FLANGE, OR APPROVED EQUAL, OR FLANGER - PLAN END PIPING REQUIRED FOR INLET AND OUTLET PIPING.
7. VAULT TO BE INSTALLED ON MIN. 6" COMPACTED VDOT #57 STONE WITH FILTER FABRIC PLACED BETWEEN BOTTOM OF VAULT AND STONE BEDDING. 16 TIE FABRIC TO EXTEND VERTICALLY A MINIMUM OF 8" ON ALL FOUR SIDES OF VAULT.



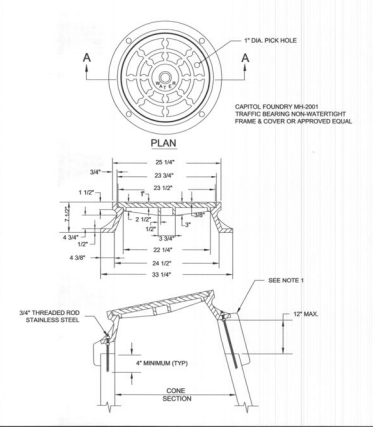
WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

COMMERCIAL METER VAULT

W-7

0505113

1. USE MODERATELY STIFF MIX OF NON SHRINK GROUT, SAND, AND 1/2" AND LESS DIAMETER GRAVEL WITH 28 DAYS STRENGTH AT MINIMUM 3,000 P.S.I.
2. MIX IS TO BE FORCED INTO ALL GROOVES AND UNDER FLANGE OF FRAME AND LEFT AT OR ABOVE TOP OF FLANGE.
3. DO NOT BACKFILL AROUND FRAME AND COVER, FOR 48 HOURS AFTER CONCRETE IS PLACED. THE USE OF HIGH EARLY STRENGTH CEMENT WOULD REDUCE TIME TO 24 HRS.
4. RESTRICT TRAFFIC LOAD FOR A MINIMUM OF 24 HOURS.



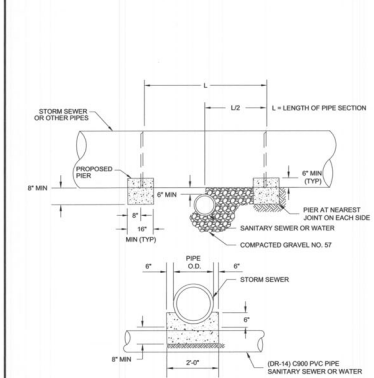
WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

VAULT FRAME AND COVER

W-16

0505114

1. PIER REQUIRED WHEN STORM DRAIN OR OTHER PIPES CROSSES OVER THE OTHER UTILITY WITH A VERTICAL CLEARANCE OF LESS THAN 18".
2. PIER TO BE BUILT ON UNDISTURBED EARTH.
3. CONCRETE TO BE READY MIX, CLASS A3.

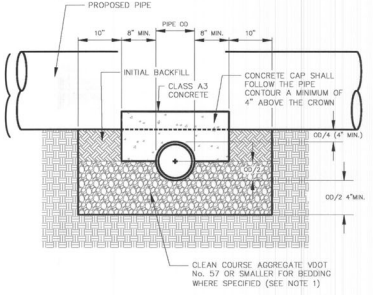


WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

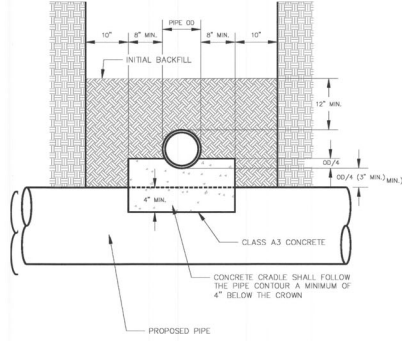
CONCRETE PIER

G-8

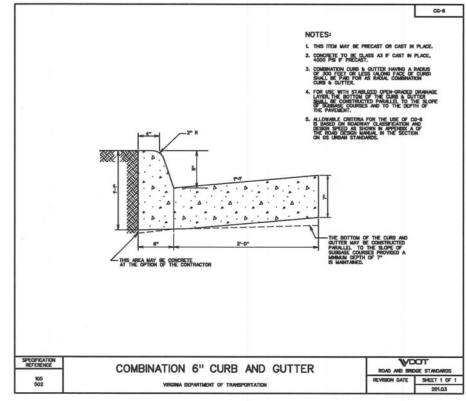
0505114



CAP DETAIL



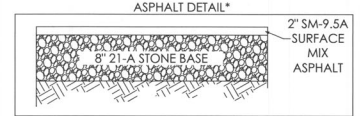
CRADLE DETAIL



COMBINATION 6" CURB AND GUTTER

VIRGINIA DEPARTMENT OF TRANSPORTATION

ROAD AND BRIDGE ENGINEERING



ASPHALT DETAIL*

2" SM-9.5A SURFACE MIX ASPHALT

*CONTRACTOR TO CONFIRM DESIGN WITH GEOTECHNICAL ENGINEER



GRAVEL DETAIL FOR BOAT STORAGE AREA*



REVISION/DATE

PER WWW COMMENTS: 05/05/2023

PER COUNTY COMMENTS: 05/17/2023

PER COUNTY COMMENTS: 11/02/2023

ASD JOB #: 2022-678

FILE #: 2022-678 SITE

PARCEL ID: 03000001030: 0300000103

DATE: SEPTEMBER 13, 2023

D-3

DETAILS