ROD TO BE

BY EPOXY

3/4" STAINLESS STEEL

THREADED ROD AND NUTS

APPLY CONCRETE BONDING

AGENT TO BOTTOM OF FRAME

INSTALLATION DETAIL

FLEXIBLE FORMS

FOR SLOPE ADJUSTMENT

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

MANHOLE FRAME

FOR ALL FRAMES AND COVERS

NON-SHRINK GROUT

OR USE MANHOLE

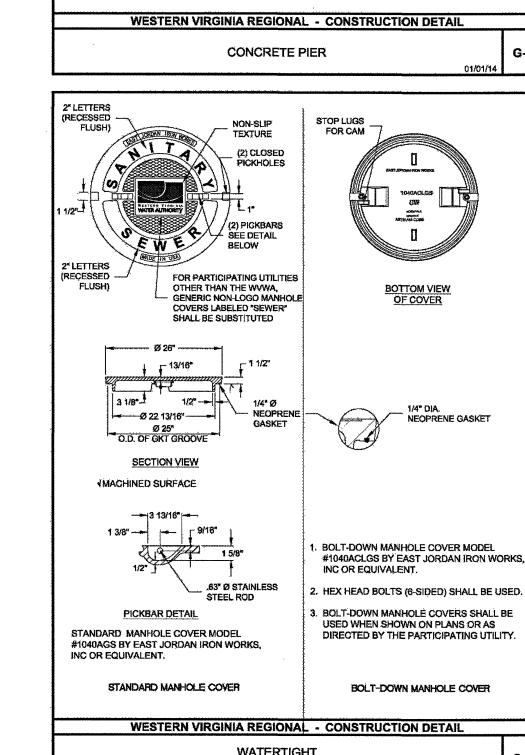
ADJUSTMENT

VIBRATE IN PLACE)

ADJUSTMENT RINGS

(1'-0" MAX. ADJUSTMENT)

FIRMLY SECURED



MANHOLE COVER

. PIER REQUIRED WHEN STORM DRAIN OR OTHER PIPES CROSSES OVER THE OTHER UTILITY WITH A

L= LENGTH OF PIPE SECTION

SANITARY SEWER OR WATER

(DR-14) C900 PVC PIPE

SANITARY SEWER OR WATER

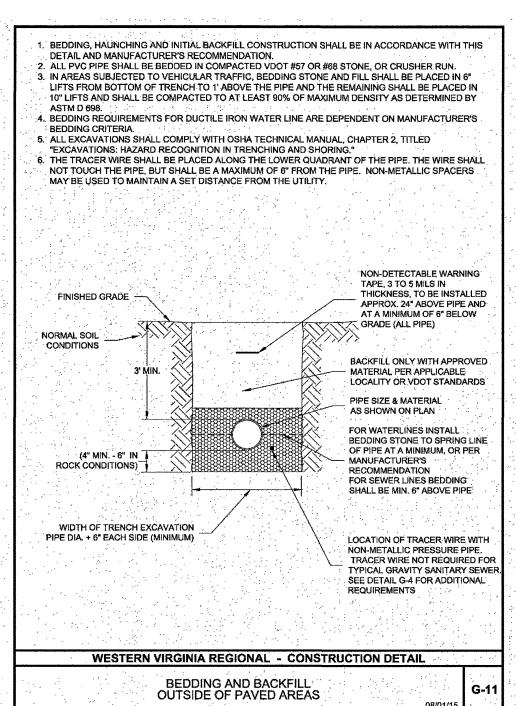
COMPACTED GRAVEL NO. 5

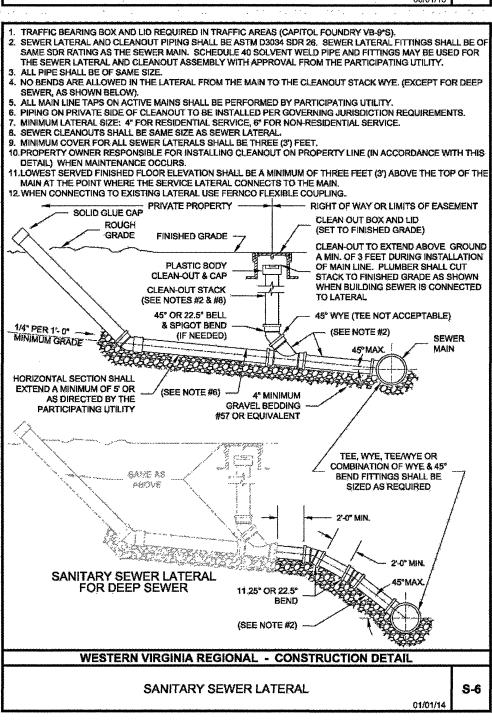
--- STORM SEWER

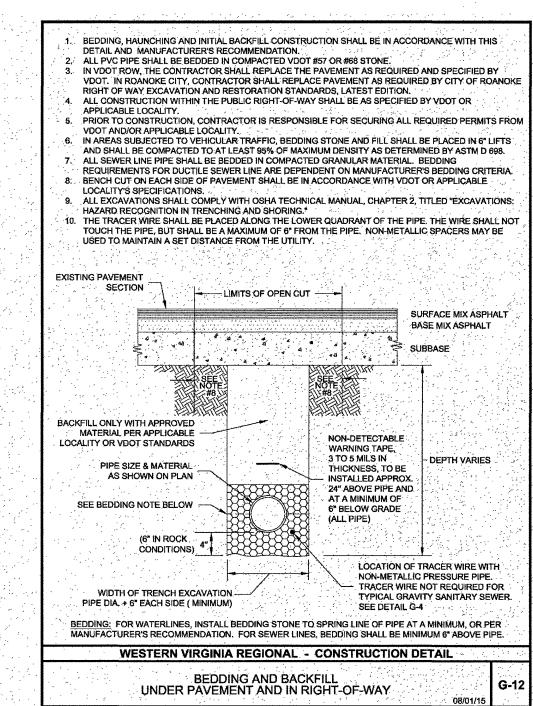
PIER AT NEAREST

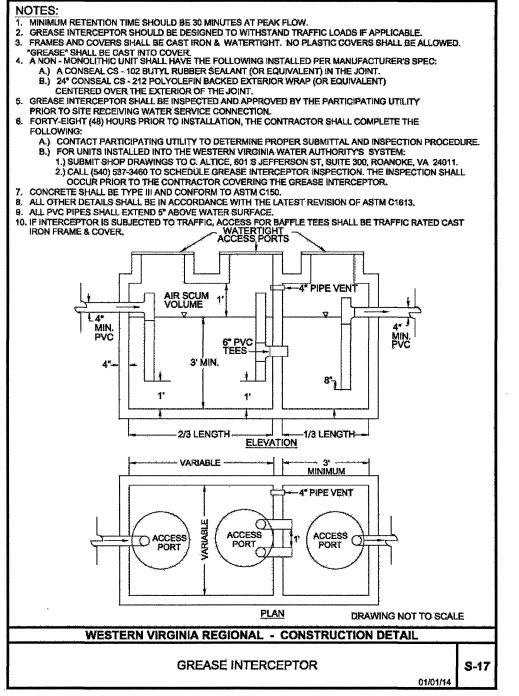
VERTICAL CLEARANCE OF LESS THAN 18".

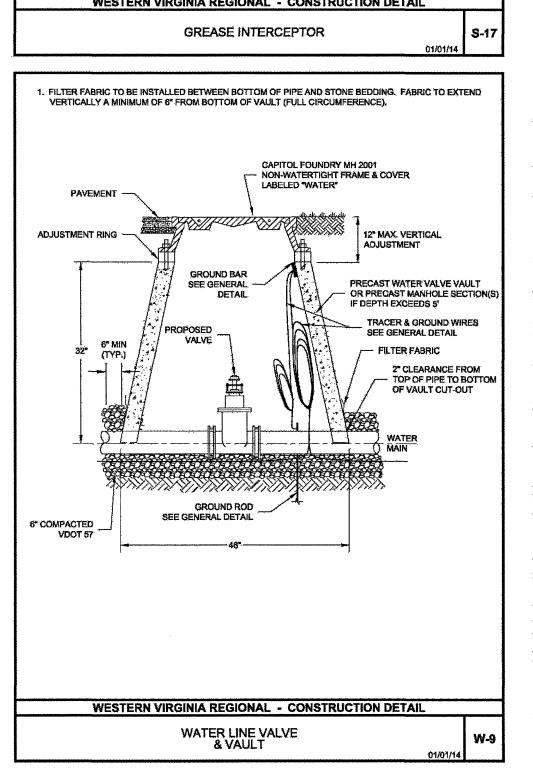
CONCRETE TO BE READY MIX CLASS AS

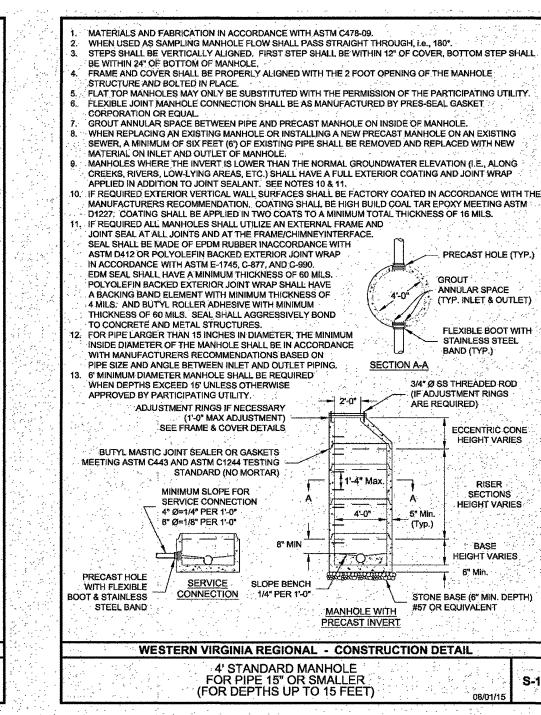


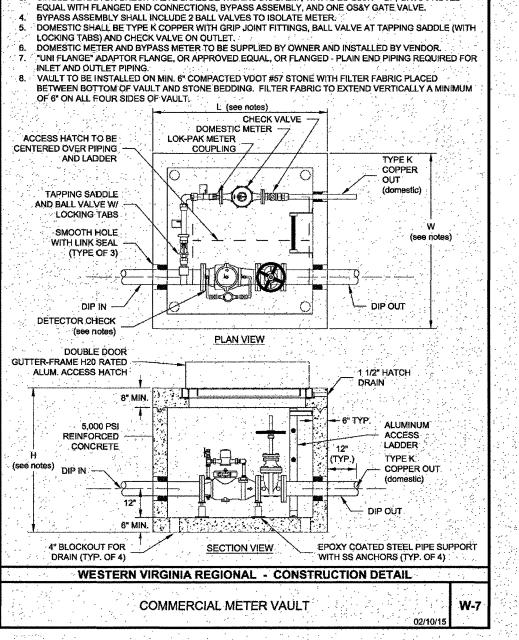












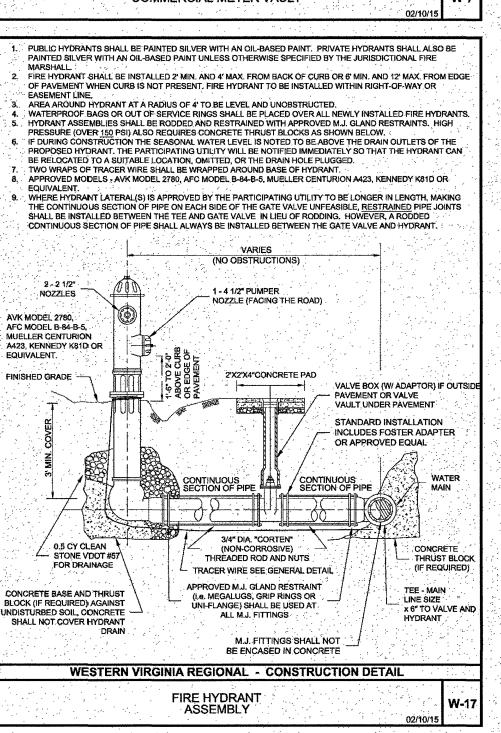
FOR 6" FIRE LINE, EXTERIOR VAULT DIMENSIONS SHALL BE (L x W x H) 6' X 6' X 5' WITH DOMESTIC TAP.

MADE INSIDE VAULT AS SHOWN BELOW.
FOR 8" FIRE LINE EXTERIOR VAULT DIMENSIONS SHALL BE (L X W X H) 6' X 6' X 6' WITH DOMESTIC TAP

FOR ISOLATION OF DOMESTIC METER.

MADE OUTSIDE VAULT. BALL VALVE WITH LOCKING TABS SHALL BE PROVIDED INSIDE VAULT TO ALLOW

SINGLE DETECTOR CHECK VALVE SHALL BE WILKINS 310 DALM, WATTS ES-SS07F - BP, OR APPROVED



HOWARD P.

BOGGESS.

SSOCIA/ RVEYORS-I

MSDEN SINEERS

ONSTRUCTION DETAILS

SE SE T 0 MARK

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January 9, 2017 SCALE: NO SCALE

OMMISSION NO: 16-135

SHEET 15 OF 15