

SECTION A-A

SECTION THROUGH ELEVATION

4(1.5H+1)+16 5'-8"

76 H-1'-2"

SCHEDULE OF REINFORCING STEEL

BARS MARK NO. REQUIRED LENGTH

HARDWARE CLOTH-

SPECIFICATION REFERENCE

233

DEPTH OF INLET (H) TO BE SHOWN ON PLANS. 9.

15. FOR PLAN VIEW OF INLET

INCREMENTS TO BE ADDED

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THE "H" DIMENSION SHOWN ON THE STANDARDS AND SPECIFIED ON THE PLANS WILL BE MEASURED FROM THE INVERT OF THE OUTFALL PIPE TO THE TOP OF THE STRUCTURE. PLAN "H" DIMENSIONS ARE APPROXIMATE ONLY FOR ESTIMATING PURPOSES AND THE ACTUAL DIMENSIONS SHALL BE DETERMINED BY THE CONTRACTOR FROM FIELD CONDITIONS.

THIS ITEM MAY BE PRECAST OR CAST-IN-PLACE.

APPROXIMATE QUANTITIES FOR

MINIMUM 9' DEPTH INLET

YPE Lin. Ft.

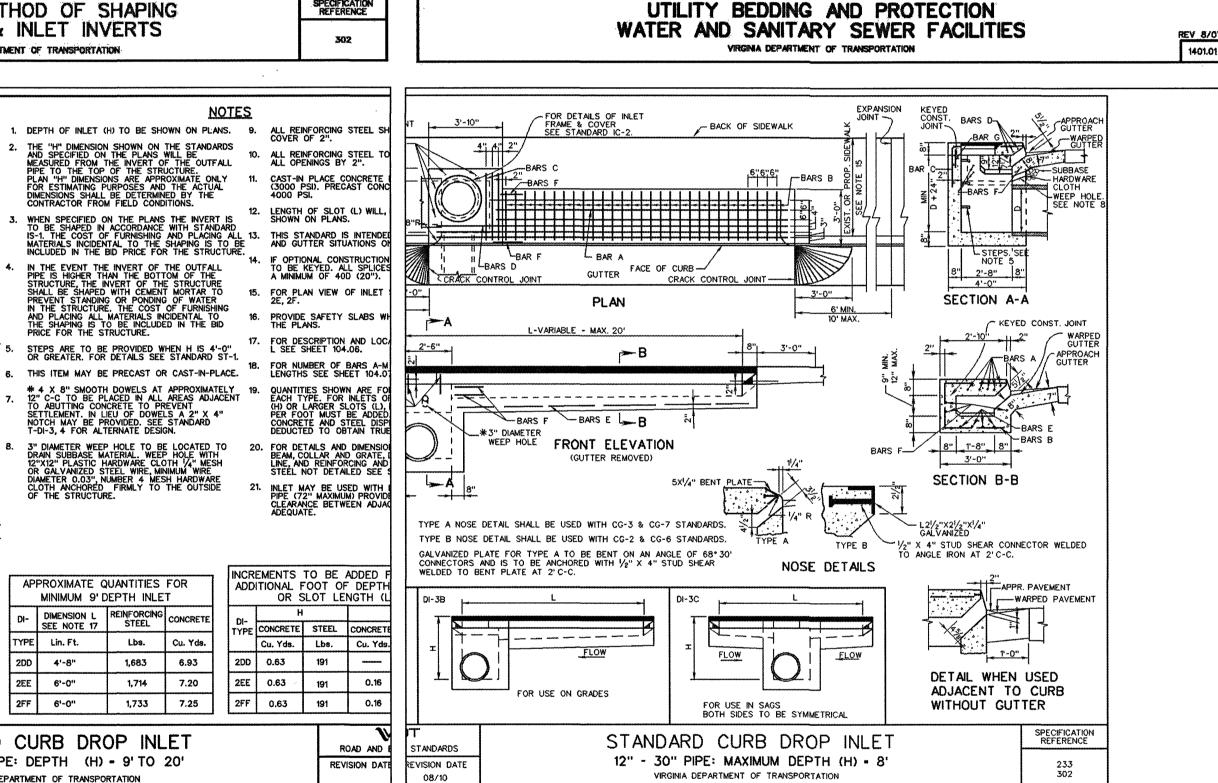
STANDARD CURB DROP INLET

30" - 48" PIPE: DEPTH (H) - 9' TO 20'

VIRGINIA DEPARTMENT OF TRANSPORTATION

DIMENSION L REINFORCING STEEL CONCRETE

Lbs. Cu. Yds.



- INITIAL BACKFILL (SEE NOTE 3)

COMPACTED BACKFILL (SEE NOTE 3)

O.D. + 24" *

TYPE 2

CLASS A3 CONCRETE

PROPOSED STORM DRAINAGE PIPE

CONCRETE CRADLE

TYPE 1

CLASS AS CONCRETE

POUR TO UNDISTURBED EARTH

CONCRETE ENCASEMENT

WHERE THE TRENCH BOTTOM IS IN ROCK, IT SHALL BE EXCAVATED TO A MINIMUM OF 8" BELOW THE BOTTOM OF THE PIPE BACKFILLED WITH BEDDING MATERIAL.

WHERE PIPE FOUNDATIONS ARE YIELDING, PIPE SHALL BE BEDDED ON A MINIMUM OF 8" BEDDING

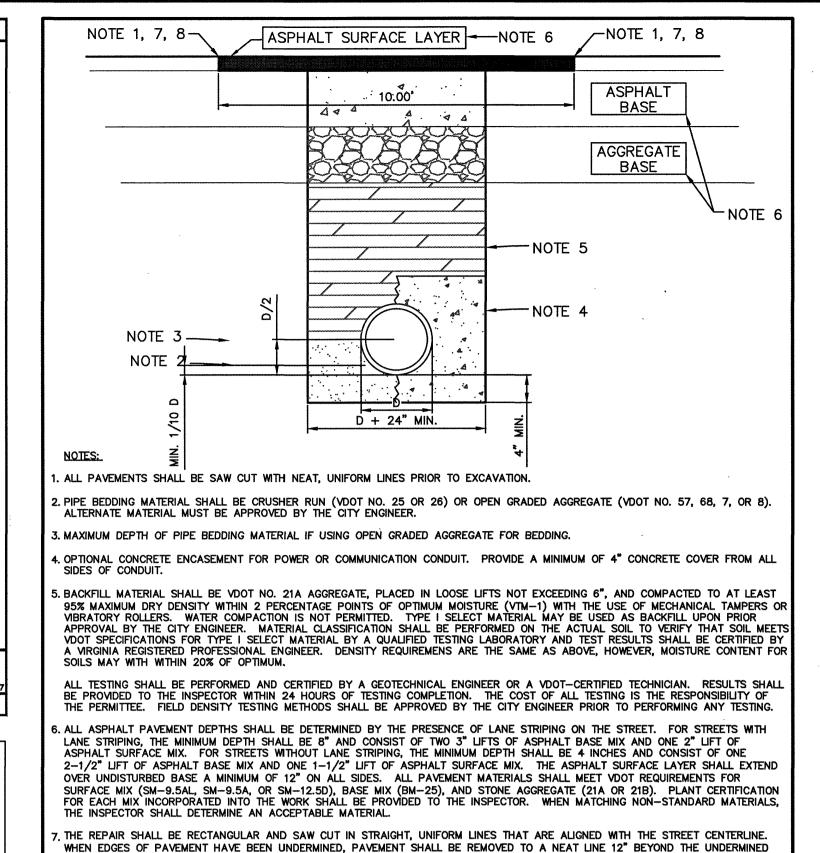
- COMPACTED BACKFILL (SEE NOTE 3)

O.D. + 24" #

CLASS AT CONCRETE

CONCRETE CAP

-- AGGREGATE #57 OR #58 BEDDING



AREA. ANY INITIAL PAVEMENT REPAIR WITH AN AREA GREATER THAN 40 SQUARE FEET MAY BE NON-RECTANGULAR, HOWEVER, THE

REPAIR SHALL BE SAW CUT IN STRAIGHT, UNIFORM LINES. ANY OTHER DEVIATION ON PATCH SHAPE MUST BE APPROVED BY THE INSPECTOR PRIOR TO THE REPAIR BEING MADE. THE FINISHED PATCH SURFACE SHALL BE WITHIN 1/4 INCH AT ANY POINT ACROSS THE

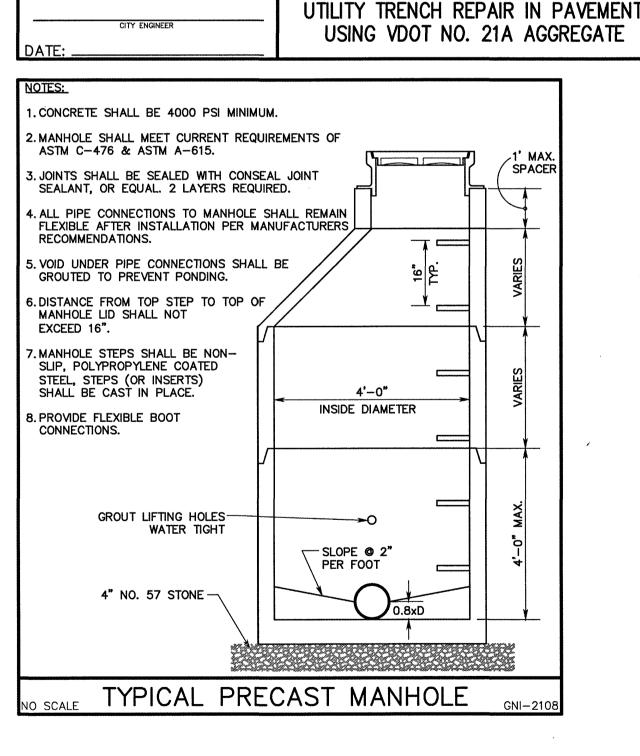
OFFICE OF THE CITY ENGINEER - ROANOKE, VIRGINIA

UTR-1

8, A FULL COVERAGE TACK COAT IS REQUIRED ON ALL SURFACES THAT WILL CONTACT THE NEW SURFACE LAYER.

PATCH AS IT RELATES TO THE SURROUNDING STREET SURFACE.

APPROVED





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3 09/20/2016 & £

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OS USIZONAL ENGINEER				
EVISIONS				
10).	COMMENTS	DATE	
ROJECT TEAM				
	JC	DHN T. NEEL, PE		
:	M	ATTHEW P. TOMLINSON, PE		
	SE	SEC, MBL		
SUE DATE				
09/20/2016				
NI JOB NO.				
2521.3				
HEET TITLE				
STORM DETAILS				
HEET NUMBER				
C3-06				