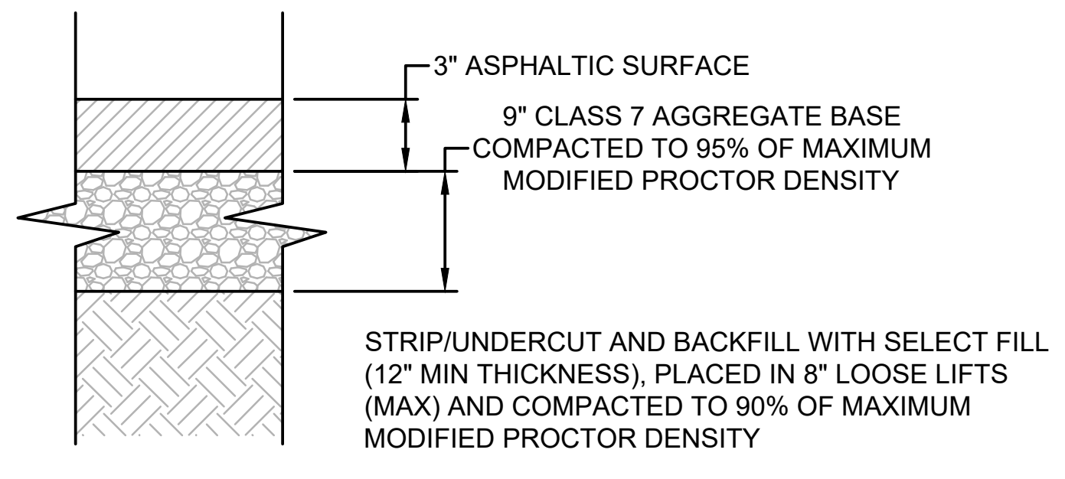
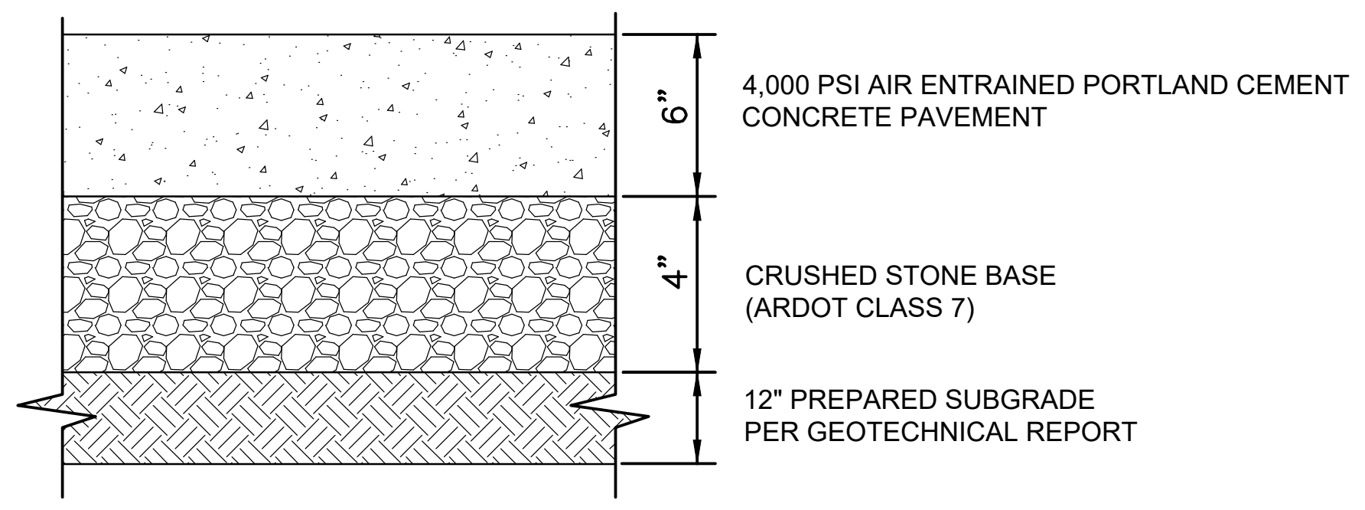
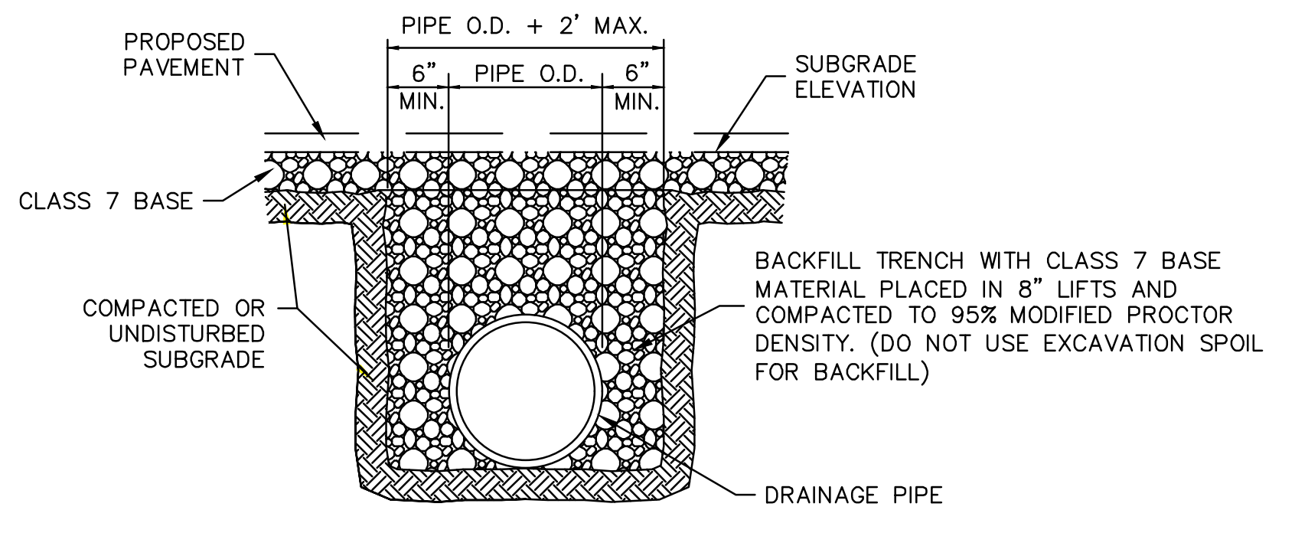

3" ASPHALTIC SURFACE
9" CLASS 7 AGGREGATE BASE COMPACTED TO 95% OF MAXIMUM MODIFIED PROCTOR DENSITY
STRIP/UNDERCUT AND BACKFILL WITH SELECT FILL (12" MIN THICKNESS), PLACED IN 8" LOOSE LIFTS (MAX) AND COMPACTED TO 90% OF MAXIMUM MODIFIED PROCTOR DENSITY

HEAVY DUTY ASPHALT PAVEMENT SECTION


6"
4"
4,000 PSI AIR ENTRAINED PORTLAND CEMENT CONCRETE PAVEMENT
CRUSHED STONE BASE (ARDOT CLASS 7)
12" PREPARED SUBGRADE PER GEOTECHNICAL REPORT

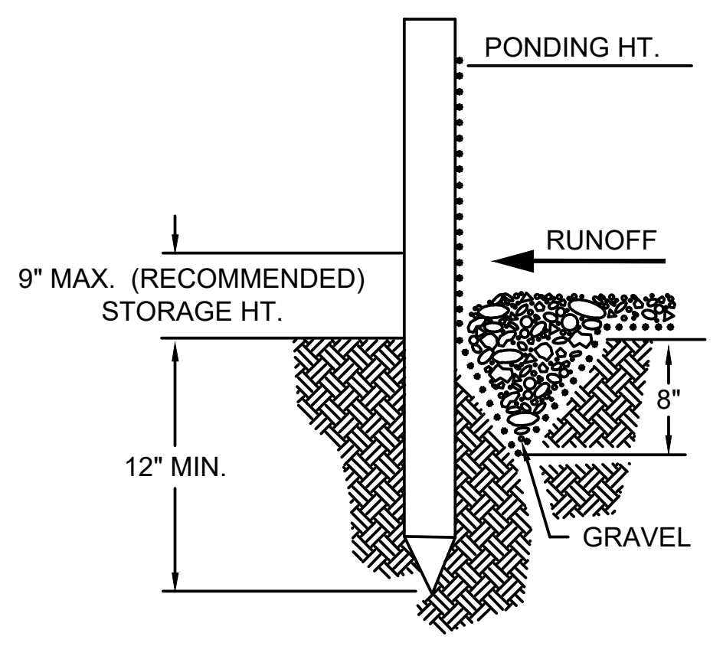
LIGHT DUTY CONCRETE SECTION


PIPE O.D. + 2' MAX.
6" MIN.
PIPE O.D.
6" MIN.
PROPOSED PAVEMENT
SUBGRADE ELEVATION
CLASS 7 BASE
COMPACTED OR UNDISTURBED SUBGRADE
BACKFILL TRENCH WITH CLASS 7 BASE MATERIAL PLACED IN 8" LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY. (DO NOT USE EXCAVATION SPOIL FOR BACKFILL)
DRAINAGE PIPE

RCP TRENCH DETAIL

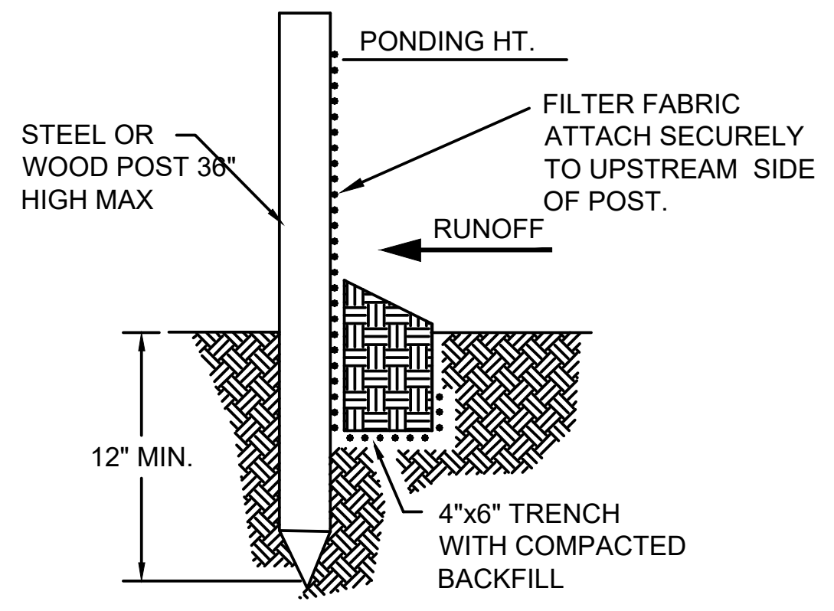
SCALE: NTS

NOTE:
THIS BACKFILL PROCEDURE SHALL BE UTILIZED FOR ALL TRENCHES CONSTRUCTED IN THE AREA TO BE PAVED.



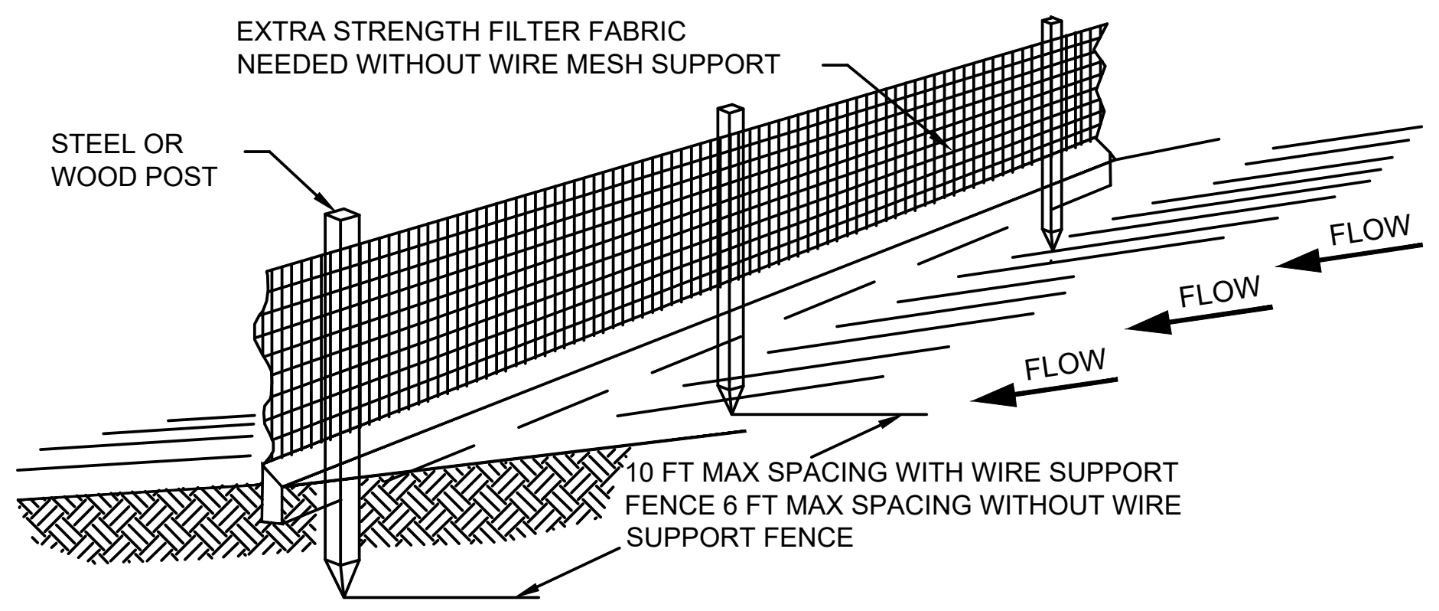
ALTERNATE DETAIL
TRENCH WITH GRAVEL

SCALE: N.T.S.


PONDING HT.
STEEL OR WOOD POST 36" HIGH MAX
FILTER FABRIC ATTACH SECURELY TO UPSTREAM SIDE OF POST.
RUNOFF
12" MIN.
4"x6" TRENCH WITH COMPACTED BACKFILL

STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

SCALE: N.T.S.


EXTRA STRENGTH FILTER FABRIC NEEDED WITHOUT WIRE MESH SUPPORT
STEEL OR WOOD POST
FLOW
FLOW
FLOW
10 FT MAX SPACING WITH WIRE SUPPORT FENCE 6 FT MAX SPACING WITHOUT WIRE SUPPORT FENCE

NOTE:

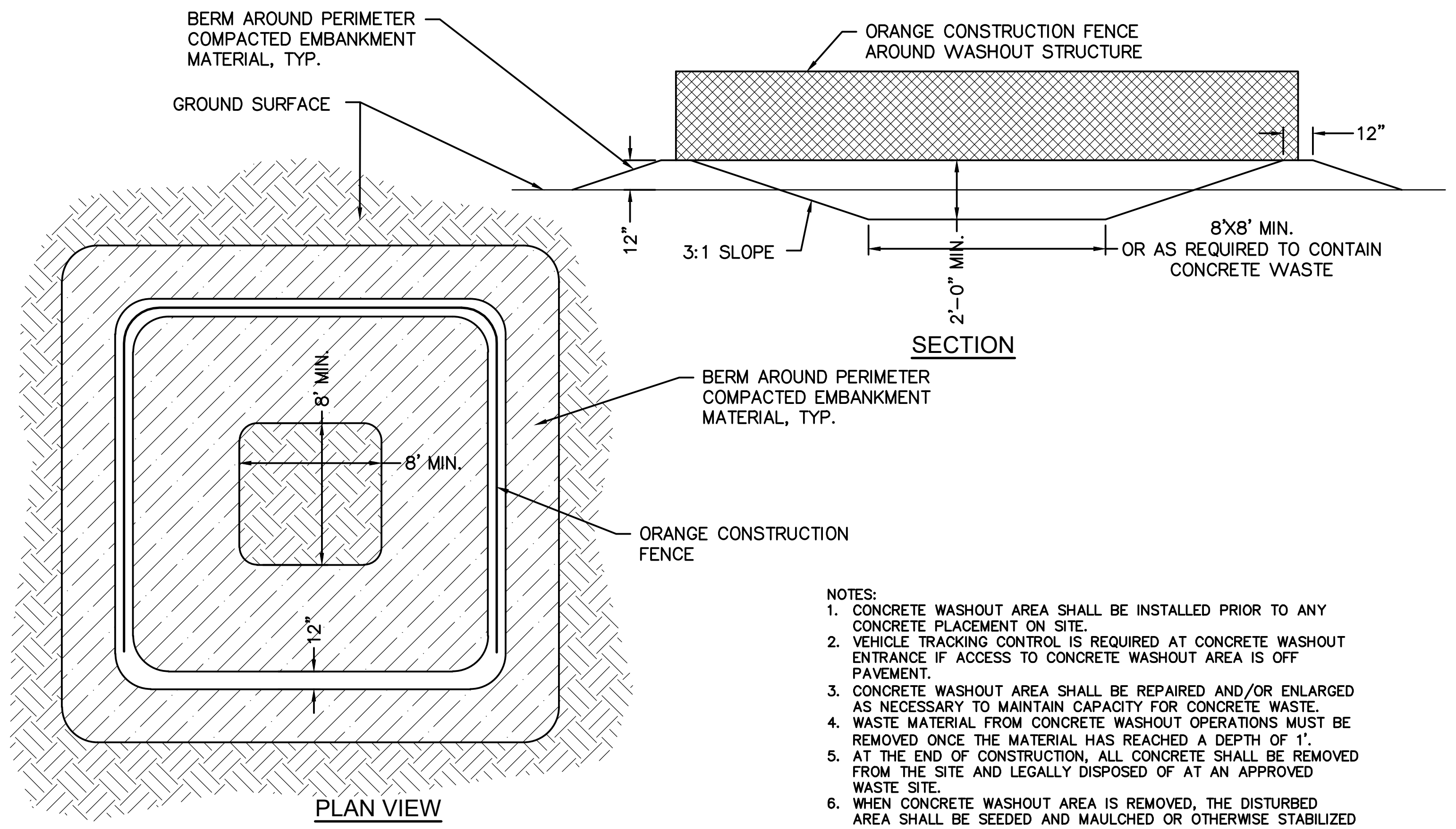
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.

2. REMOVED SEDIMENT SHALL BE DISPOSED OFF-SITE AT NO ADDITIONAL COST TO OWNER.

3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE

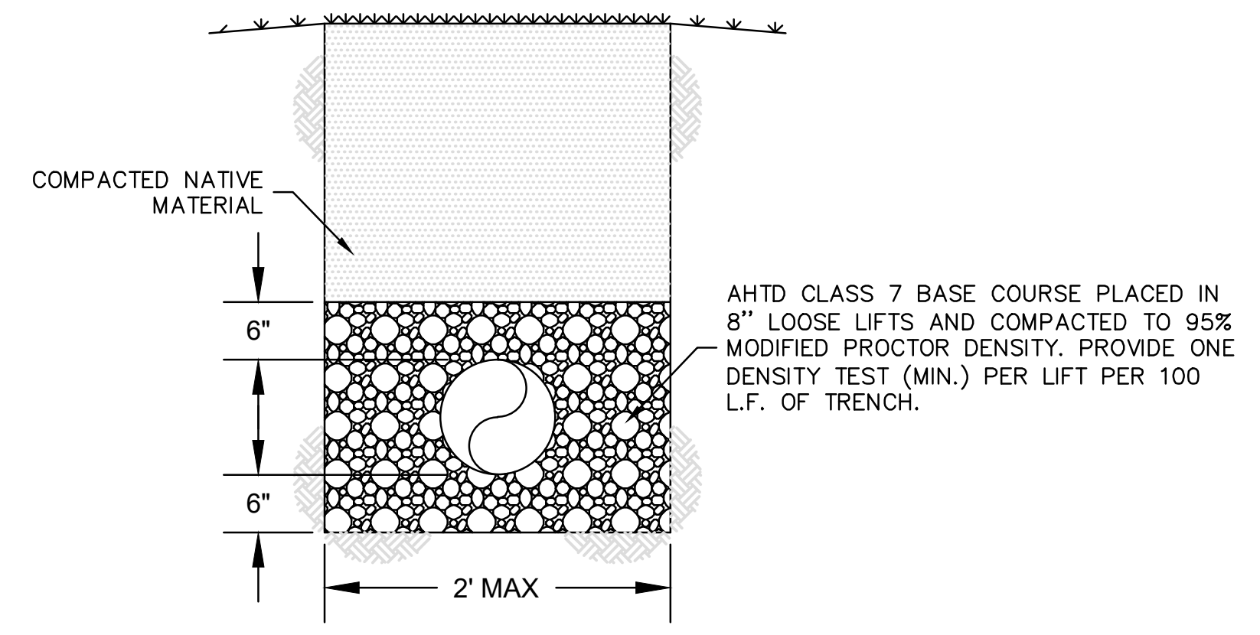
SCALE: N.T.S.


BERM AROUND PERIMETER COMPACTED EMBANKMENT MATERIAL, TYP.
GROUND SURFACE
ORANGE CONSTRUCTION FENCE AROUND WASHOUT STRUCTURE
12"
12"
3:1 SLOPE
2'-0" MIN.
8'X8' MIN. OR AS REQUIRED TO CONTAIN CONCRETE WASTE
SECTION
BERM AROUND PERIMETER COMPACTED EMBANKMENT MATERIAL, TYP.
8' MIN.
8' MIN.
12"
ORANGE CONSTRUCTION FENCE
PLAN VIEW

NOTES:
1. CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
2. VEHICLE TRACKING CONTROL IS REQUIRED AT CONCRETE WASHOUT ENTRANCE IF ACCESS TO CONCRETE WASHOUT AREA IS OFF PAVEMENT.
3. CONCRETE WASHOUT AREA SHALL BE REPAIRED AND/OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE.
4. WASTE MATERIAL FROM CONCRETE WASHOUT OPERATIONS MUST BE REMOVED ONCE THE MATERIAL HAS REACHED A DEPTH OF 1'.
5. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF AT AN APPROVED WASTE SITE.
6. WHEN CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MAULCHED OR OTHERWISE STABILIZED IN A MANNER ACCEPTED BY THE CITY.

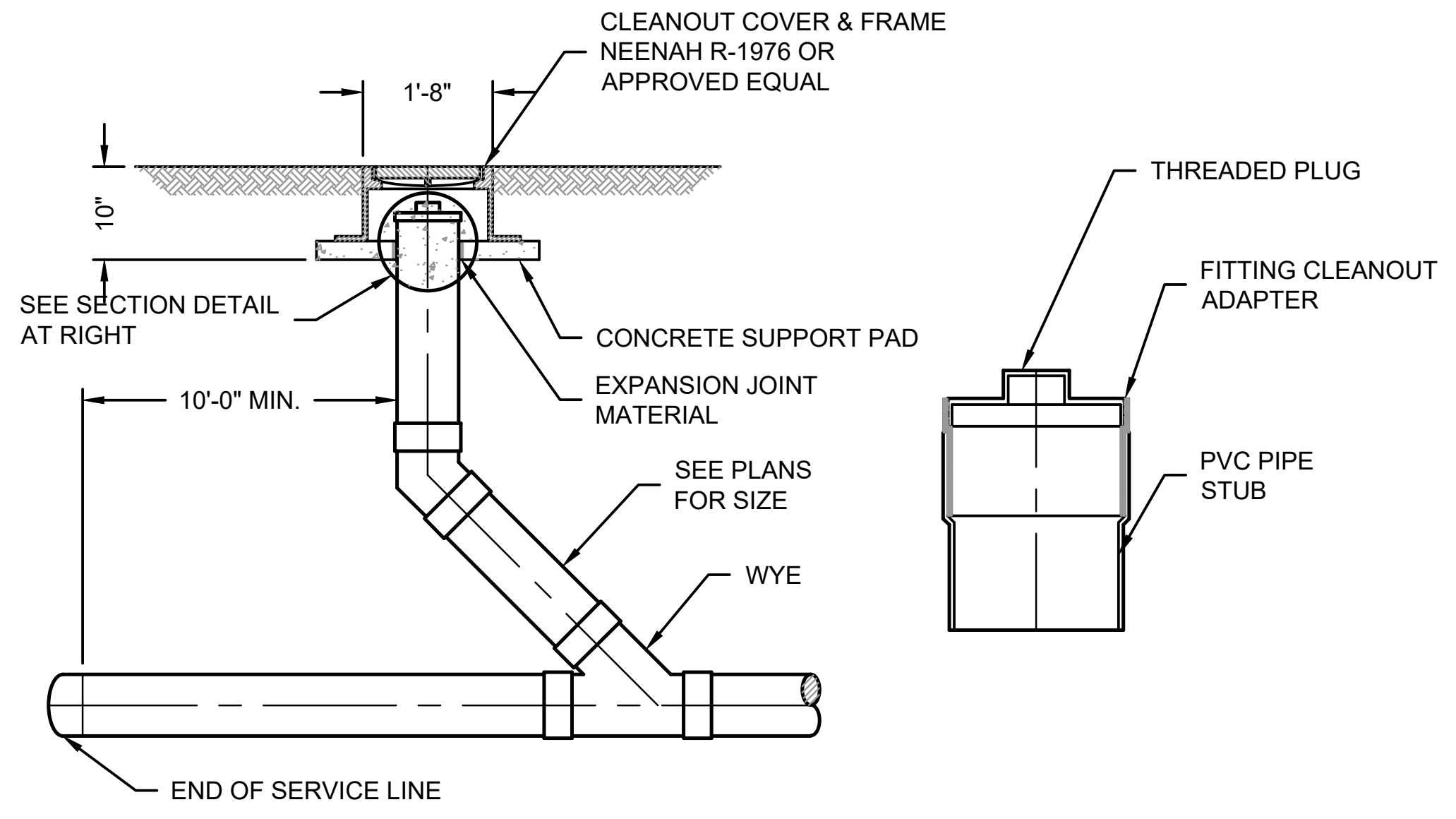
CONCRETE WASHOUT AREA DETAIL

NO SCALE


COMPACTED NATIVE MATERIAL
6"
6"
2' MAX
AHTD CLASS 7 BASE COURSE PLACED IN 8" LOOSE LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY. PROVIDE ONE DENSITY TEST (MIN.) PER LIFT PER 100 L.F. OF TRENCH.

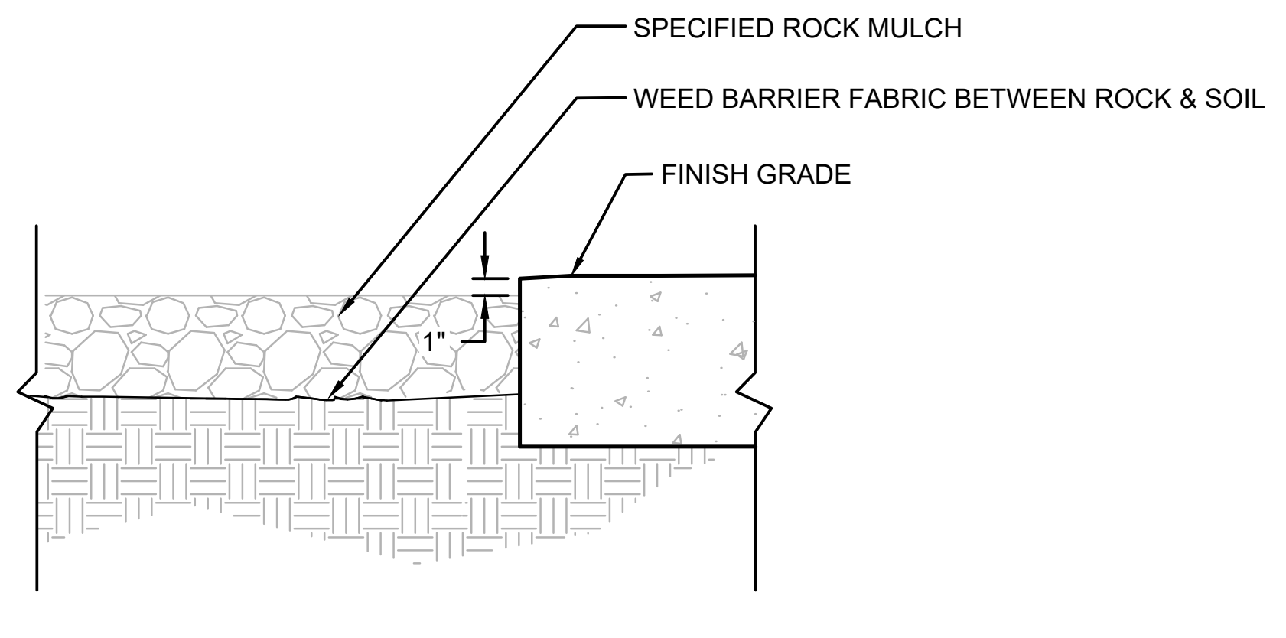
BEDDING AND BACKFILL FOR
PVC PIPE (GRASS AREAS)

SCALE: NTS

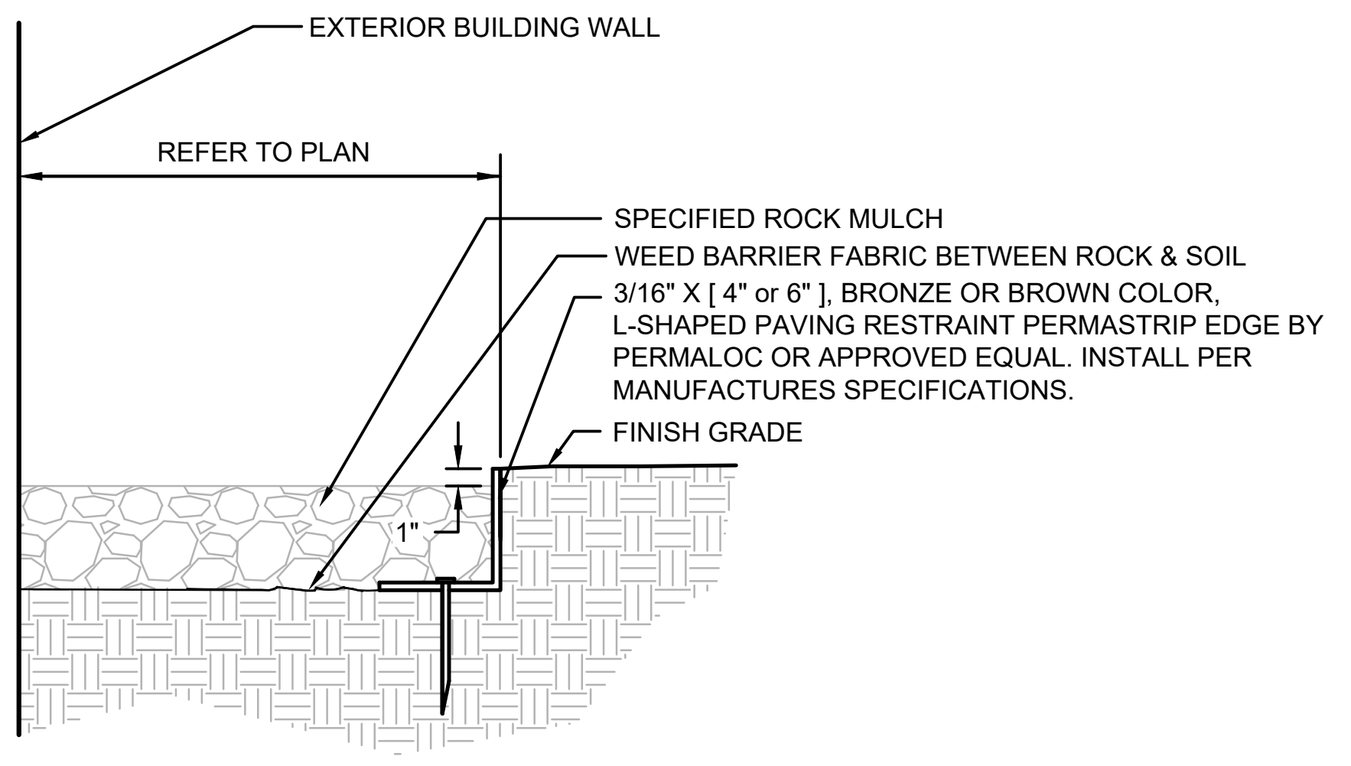


ONE-WAY WYE CLEANOUT DETAIL

NOT TO SCALE

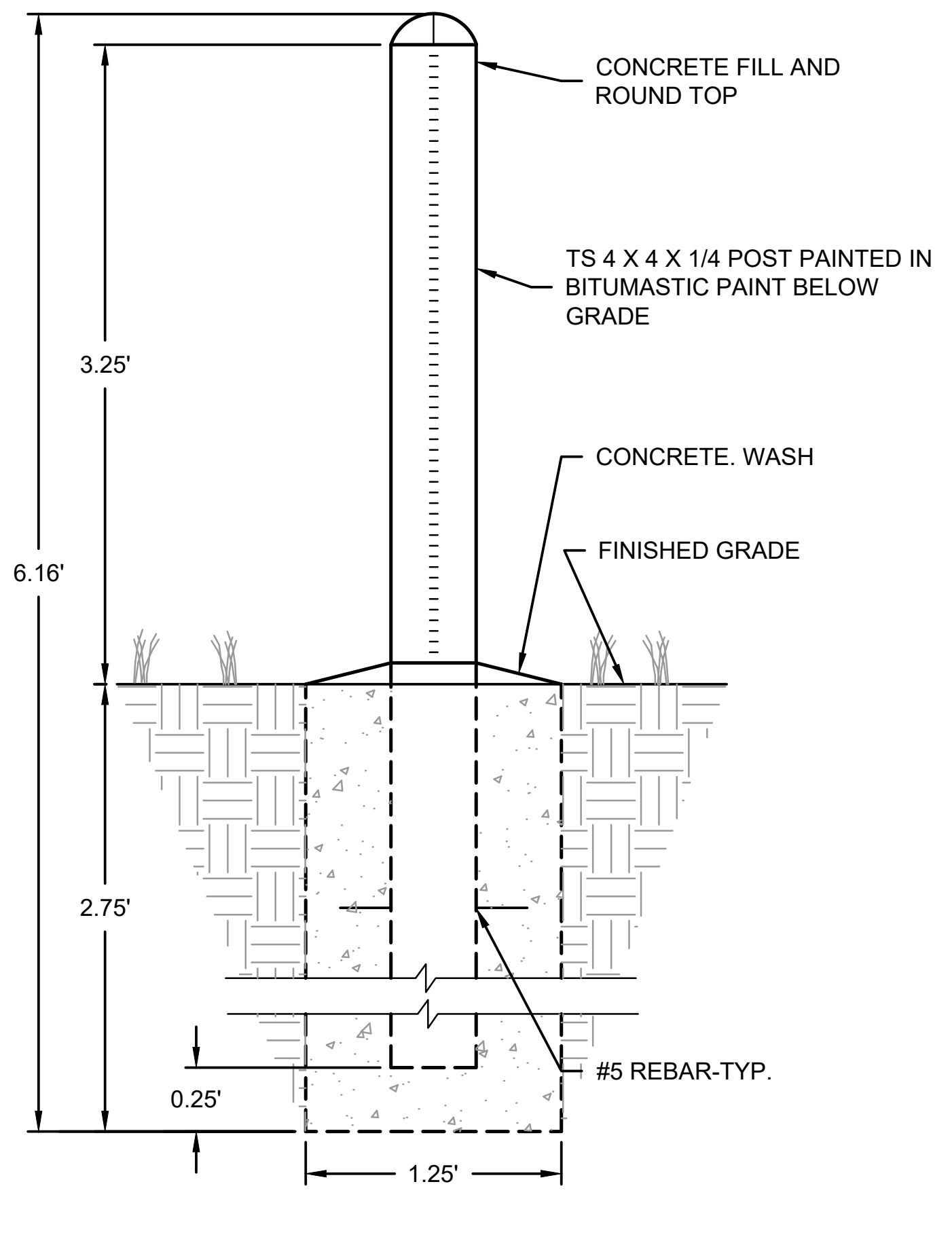


ADJACENT TO PAVEMENT


EXTERIOR BUILDING WALL
REFER TO PLAN
SPECIFIED ROCK MULCH
WEED BARRIER FABRIC BETWEEN ROCK & SOIL
3/16" X [4" or 6"], BRONZE OR BROWN COLOR, L-SHAPED PAVING RESTRAINT PERMASTRIP EDGE BY PERMALOC OR APPROVED EQUAL. INSTALL PER MANUFACTURES SPECIFICATIONS.
FINISH GRADE
1"

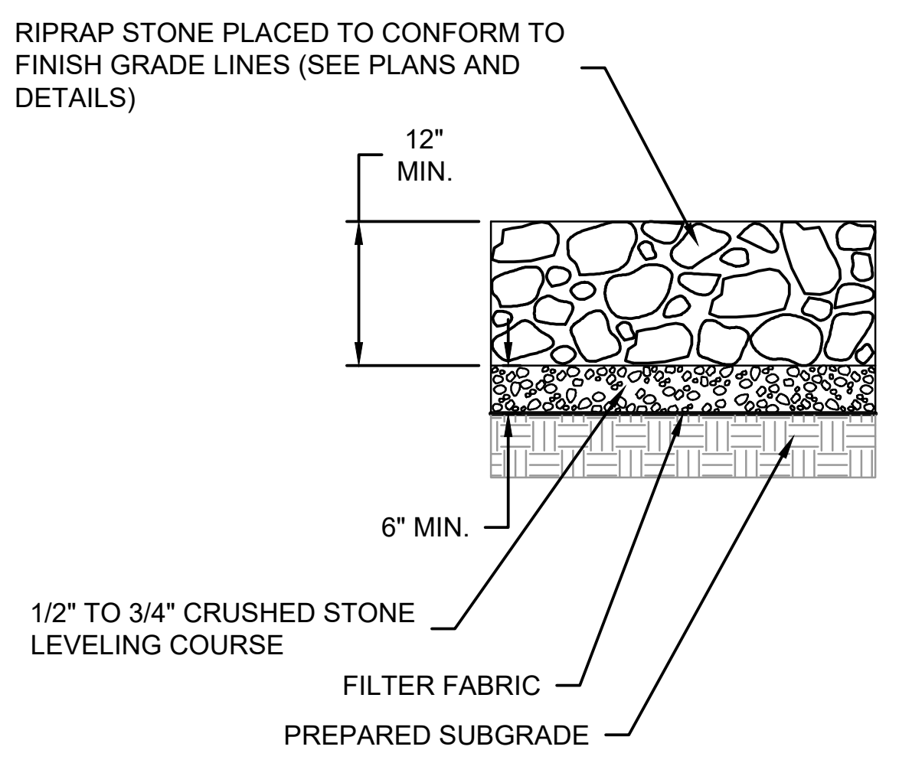
ROCK MULCH DETAIL

NOT TO SCALE


CONCRETE FILL AND ROUND TOP
TS 4 X 4 X 1/4 POST PAINTED IN BITUMASTIC PAINT BELOW GRADE
CONCRETE. WASH
FINISHED GRADE
3.25'
6.16'
2.75'
0.25'
1.25'
#5 REBAR-TYP.

BOLLARD DETAIL

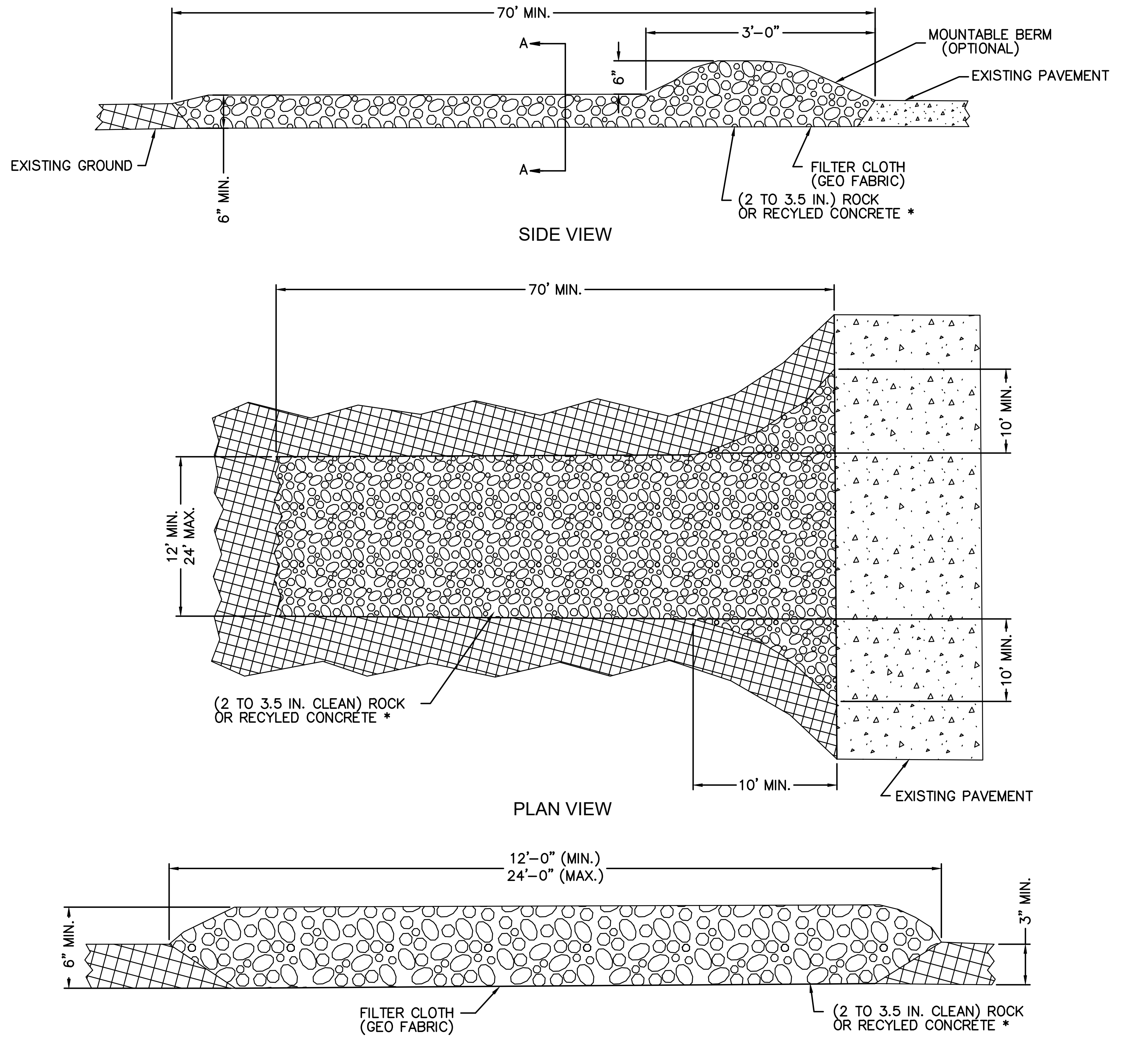
NOT TO SCALE


RIPRAP STONE PLACED TO CONFORM TO FINISH GRADE LINES (SEE PLANS AND DETAILS)
12" MIN.
6" MIN.
1/2" TO 3/4" CRUSHED STONE LEVELING COURSE
FILTER FABRIC
PREPARED SUBGRADE

RIPRAP NOTES
1. STONE FOR RIPRAP SHALL CONSIST OF QUARRIED ROCK AND BE SOUND, DURABLE AND ANGULAR IN SHAPE.
2. SHALE AND STONE WITH SHALE SEAMS ARE NOT ACCEPTABLE.
3. STONES SHALL HAVE A MINIMUM THICKNESS OF 18", NO MORE THAN 10 PERCENT SHALL HAVE AN ELONGATION GREATER THAN 3:1, AT LEAST 60 PERCENT OF THE MASS SHALL BE OF PIECES HAVING A VOLUME OF ONE CUBIC FOOT, NO MORE THAN 6 PERCENT OF THE STONES SHALL WEIGH LESS THAN 10 POUNDS.

RIPRAP DETAIL

NOT TO SCALE


70' MIN.
3'-0"
MOUNTABLE BERM (OPTIONAL)
EXISTING PAVEMENT
A
A
6"
EXISTING GROUND
6" MIN.
FILTER CLOTH (GEO FABRIC)
(2 TO 3.5 IN.) ROCK OR RECYLED CONCRETE *
SIDE VIEW
70' MIN.
10' MIN.
12' MIN. 24' MAX.
10' MIN.
(2 TO 3.5 IN. CLEAN) ROCK OR RECYLED CONCRETE *
10' MIN.
EXISTING PAVEMENT
PLAN VIEW
12'-0" (MIN.)
24'-0" (MAX.)
6" MIN.
3" MIN.
FILTER CLOTH (GEO FABRIC)
(2 TO 3.5 IN. CLEAN) ROCK OR RECYLED CONCRETE *

SECTION A-A

NOTE:

1. * MUST EXTEND THE FULL WIDTH AND LENGTH OF THE CONSTRUCTION ENTRANCE

2. THE 24'-0" WIDTH IS REQUIRED WHEN THE INGRESS AND THE EGRESS ARE THE SAME

3. REFER TO CHAPTER 8 AND 9 OF TH CITY OF LINCOLN DRAINAGE CRITERA MANUAL FOR MORE INFORMATION OF SEDIMENT AND EROSION CONTROL MEASURES

4. FOR ROCK DIMENSIONS AND SPECIFICATIONS SEE TABLE ON LINCOLN STANDARD PLAN NO. 177

CONSTRUCTION ENTRANCE DETAIL

SCALE: NOT TO SCALE

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REVISIONS

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DETAIL SHEET

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