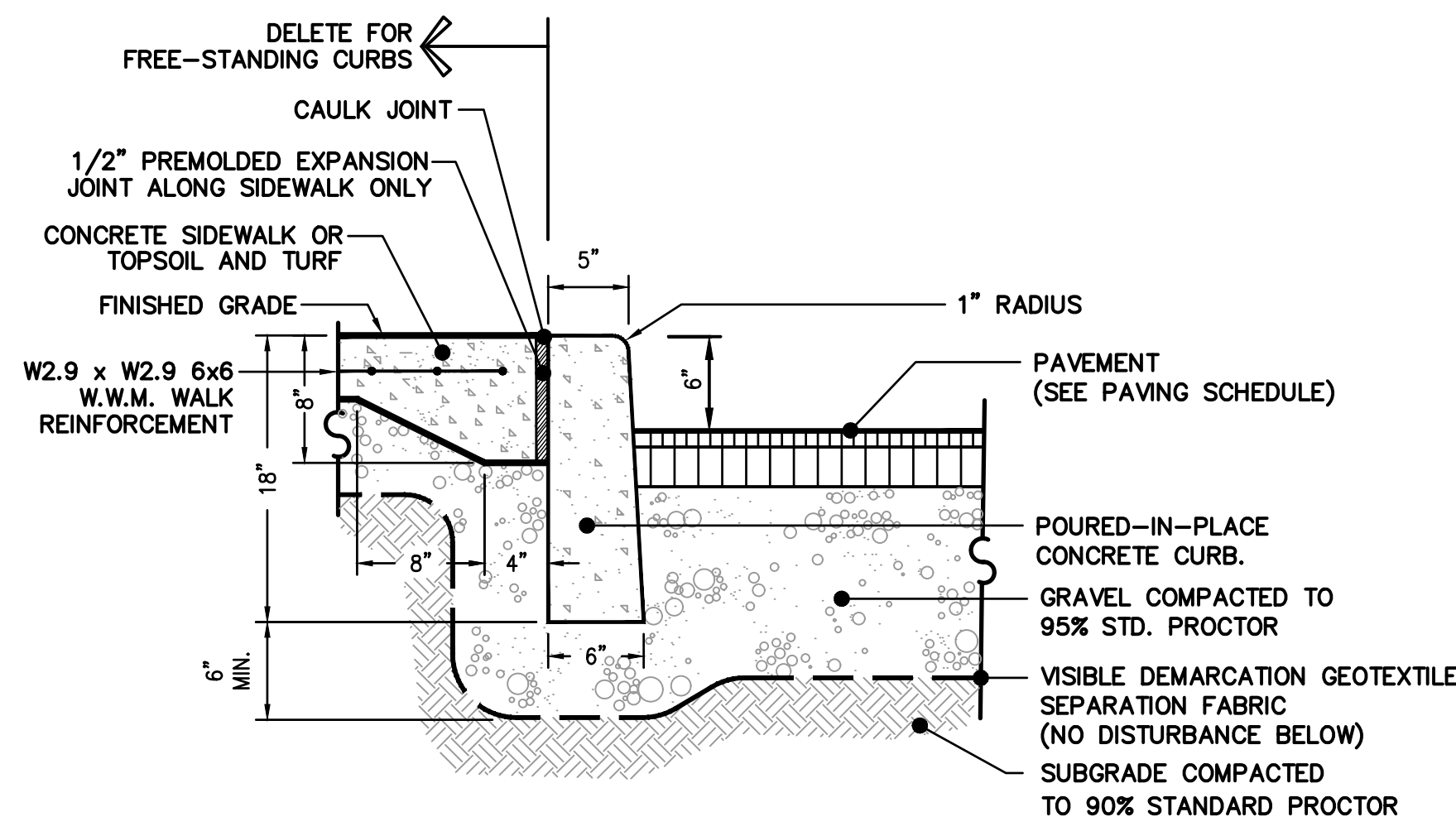


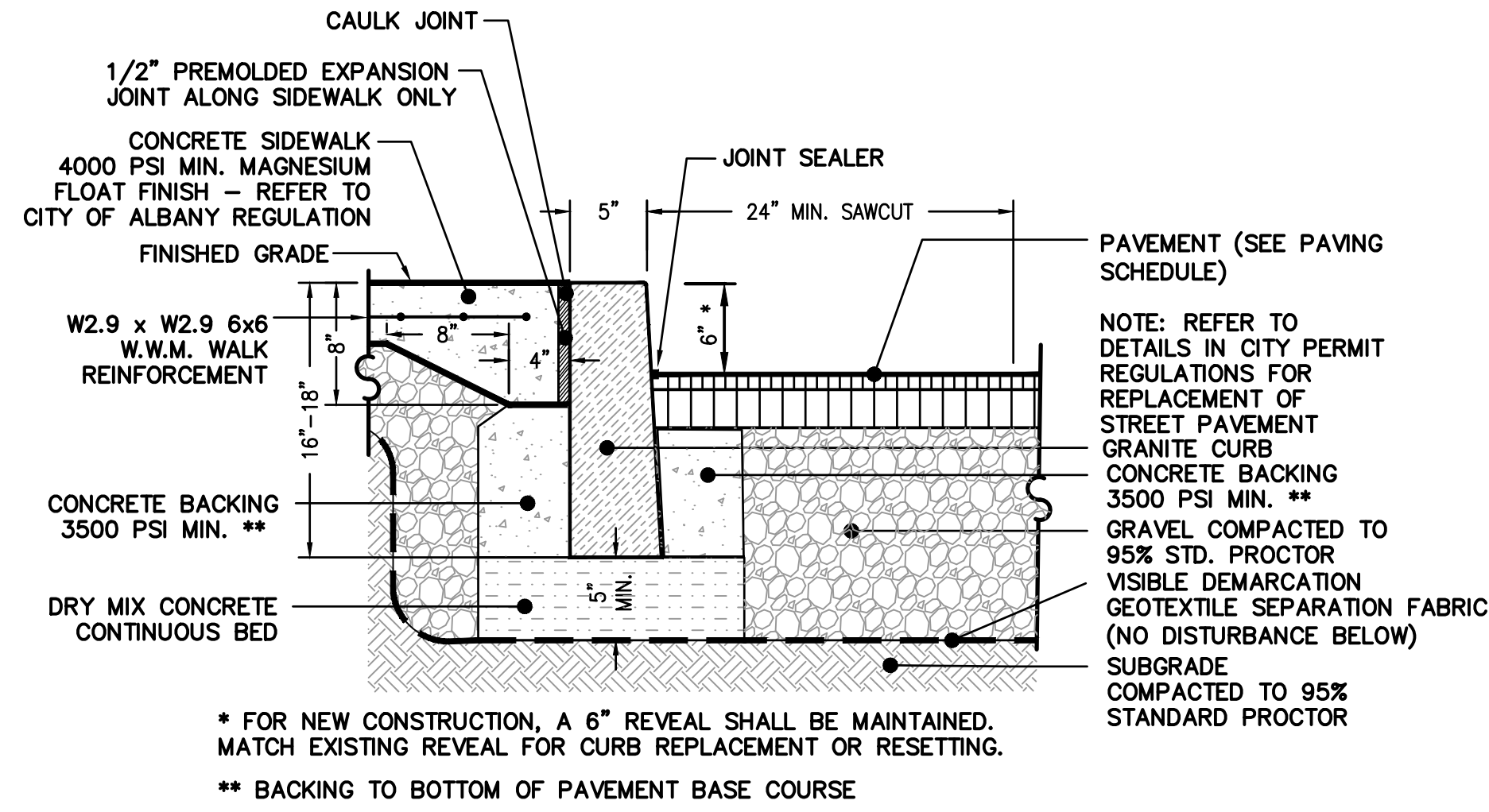
AREAS WITH SIDEWALK NOT ADJACENT TO CURB
AREAS WITH SIDEWALK ADJACENT TO CURB

- NOTES:
- ASPHALT CONCRETE SHALL BE 1" OF TYPE 7F TOP COURSE (NYS DOT ITEM 403.1901 OVER 1 1/2" OF TYPE 3 BINDER (NYS DOT ITEM 403.13). 2. ASPHALT CONCRETE SHALL BE PLACED OVER 8" OF COMPACTED CRUSHED STONE SUBBASE. 3. MINIMUM 6" THICKNESS FOR CONCRETE SIDEWALK PANELS AND APRON.

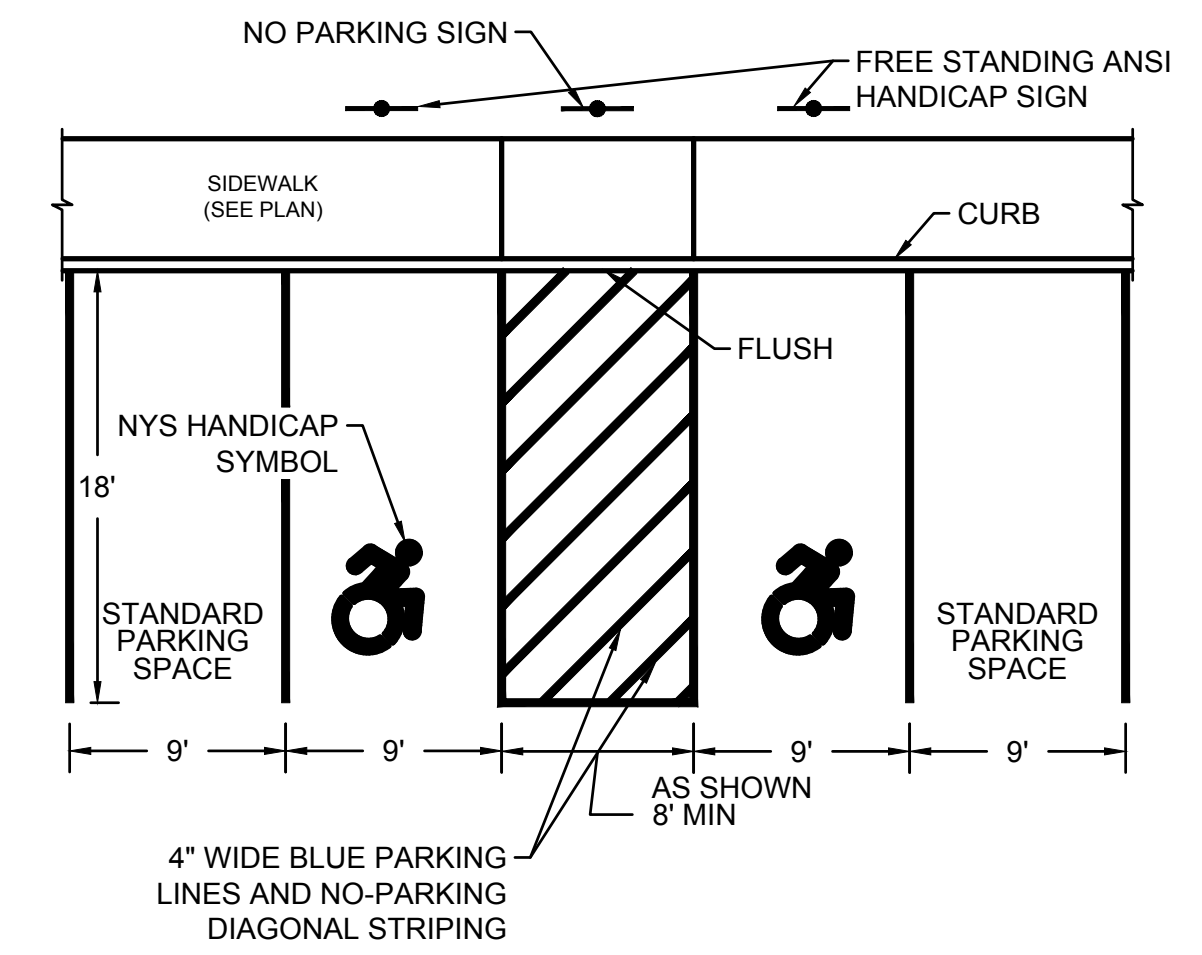
1 DRIVEWAY APRON
SCALE: N.T.S.



2 CAST-IN-PLACE CONCRETE CURB
SCALE: N.T.S.



3 GRANITE CURB
SCALE: N.T.S.



- NOTE: STANDARD PARKING SPACES SHALL BE 9'x18' (162 S.F. MIN.). RADIAL PARKING SPACES SHALL BE 162 S.F. MINIMUM. HANDICAP PARKING SPACES SHALL HAVE A TOTAL LENGTH OF NO LESS THAN 16' (STALL & LOADING AREA).

4 PARKING STALL LAYOUT
SCALE: N.T.S.

NOTES:

- EXCAVATE TO INDICATED ELEVATIONS AND DIMENSIONS WITHIN A TOLERANCE OF PLUS OR MINUS 1 INCH. EXTEND EXCAVATIONS A SUFFICIENT DISTANCE FROM STRUCTURES FOR PLACING AND REMOVING CONCRETE FORM WORK, FOR INSTALLING SERVICES AND OTHER CONSTRUCTION, AND FOR INSPECTIONS.
- EXCAVATE TRENCHES TO INDICATED GRADIENTS, LINES, DEPTHS, AND ELEVATIONS TO ALLOW INSTALLATION OF PIPE TO THE DEPTHS INDICATED.
- PROOF ROLL SUBGRADE WITH A 10-TON VIBRATORY ROLLER TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. SOFT POCKETS SHOULD BE BACKFILLED WITH CONTROLLED FILL MATERIAL. DO NOT PROOF ROLL WET OR SATURATED SUBGRADES. CONTRACTOR SHALL RECONSTRUCT SUBGRADES DAMAGED BY FREEZING TEMPERATURES, FROST, RAIN, ACCUMULATED WATER, OR CONSTRUCTION ACTIVITIES, AS DIRECTED BY THE LANDSCAPE ARCHITECT AT NO COST TO THE OWNER.
- THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR ESTABLISHING THE GRADES INDICATED WITHIN THE TOLERANCE INDICATED FOR THE ESTABLISHMENT OF SUBGRADE.
- UNIFORMLY MOISTEN OR AERATE SUBGRADE AND EACH SUBSEQUENT FILL OR BACKFILL LAYER BEFORE COMPACTION TO WITHIN 2 PERCENT OF OPTIMUM MOISTURE CONTENT. DO NOT PLACE BACKFILL OR FILL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST OR ICE. REMOVE AND REPLACE, OR SCARIFY AND AIR-DRY, OTHERWISE SATISFACTORY SOIL MATERIAL THAT EXCEEDS OPTIMUM MOISTURE CONTENT BY 2 PERCENT AND IS TOO WET TO COMPACTION TO SPECIFIED DRY UNIT WEIGHT.
- PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 12 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS. PLACE BACKFILL AND FILL MATERIALS EVENLY ON ALL SIDES OF STRUCTURES TO REQUIRED ELEVATIONS, AND UNIFORMLY ALONG THE FULL LENGTH OF EACH STRUCTURE.
- COMPACT SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D-1557. UNDER STRUCTURES, BUILDING SLABS, STEPS, AND PAVEMENTS, SCARIFY AND RECOMPACT TOP 12 INCHES OF EXISTING SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL AT 95 PERCENT. UNDER WALKWAYS, SCARIFY AND RECOMPACT TOP 6 INCHES BELOW SUBGRADE AND COMPACT EACH LAYER OF BACKFILL OR FILL MATERIAL AT 95 PERCENT. UNDER LAWN OR UNPAVED AREAS, SCARIFY AND RECOMPACT TOP 6 INCHES BELOW SUBGRADE AND COMPACT EACH LAYER OF BACKFILL OR FILL MATERIAL AT A MINIMUM OF 85 PERCENT AND MAXIMUM OF 90 PERCENT.

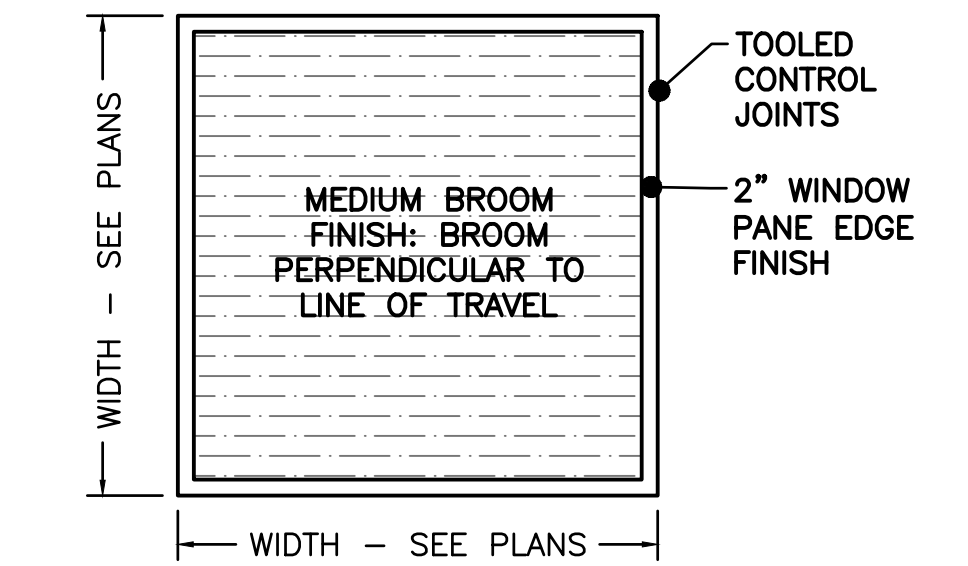
PAVING SCHEDULE		
KEY	TYPE	SECTION: N.T.S.
a	CONCRETE	<p>STIFF BROOM FINISH W2.9xW2.9 6x6 W.W.M. MIN. 2" COVER CONCRETE 4500 PSI MIN. NYS DOT 304.03 TYPE 2 SUBBASE GEOTEXTILE MIRAFI 500X OR EQUIVALENT COMPACTED SUBGRADE</p> <p>* 18" IN DRIVEWAY, 6" UNDER SIDEWALK</p>
b	CONCRETE DRIVEWAY EDGES	<p>POROUS ASPHALT STIFF BROOM FINISH ON 4500 PSI CONCRETE W2.9xW2.9 6x6 W.W.M. MIN. 2" COVER 6" MIN. NYSDOT TYPE 2 SUBBASE</p>
c	POROUS ASPHALT	<p>POROUS ASPHALT SURFACE - HMA 12.5 MM POROUS ASPHALT COURSE - HMA 25 MM CHOKER LAYER AASHTO #57 6" PERFORATED HDPE UNDERDRAIN RESERVOIR LAYER AASHTO #2-#3 FILTER LAYER AASHTO #8 CLASS 2 GEOTEXTILE - SURROUND FILTER & INFILTRATION LAYER COMPACTED SUBGRADE</p>
d	HEAVY DUTY ASPHALTIC CONCRETE, IF NEEDED AT N. PEARL ST.	<p>NYSDOT ITEM 403.1901 TYPE 7F TOP COURSE NYSDOT ITEM 403.13 TYPE 3 DENSE BINDER NYSDOT ITEM 304.03 TYPE 2 SUBBASE GEOTEXTILE MIRAFI 500X OR EQUIVALENT COMPACTED SUBGRADE MIN. CBR=10</p>

ALL WORK SHALL BE INSPECTED AND APPROVED BY THE CITY OF ALBANY

- GENERAL GRADING: UNIFORMLY GRADE AREAS TO A SMOOTH SURFACE, FREE FROM IRREGULAR SURFACE CHANGES. COMPLY WITH COMPACTION REQUIREMENTS AND GRADE TO CROSS SECTIONS, LINES AND ELEVATIONS INDICATED. PROVIDE A SMOOTH TRANSITION BETWEEN ADJACENT EXISTING GRADES AND NEW GRADES. CUT OUT SOFT SPOTS, FILL LOW SPOTS, AND TRIM HIGH SPOTS TO COMPLY WITH REQUIRED SURFACE TOLERANCES.
- NYSDOT SPECIFICATION 610.1000015 LANDSCAPE DEVELOPMENT SHALL BE USED FOR CONSTRUCTION WITHIN STATE HIGHWAY BOUNDARY AND WITHIN 20' OF DRIVEWAY OPENINGS.
- POROUS ASPHALT NOTES:
A. WATERPROOF MEMBRANE TO BE USED TO PROMOTE WATER INFILTRATION; AND AVOID SEEPAGE AROUND STORM LINES.
B. TOP OF PAVEMENT SHOULD ACHIEVE 1% MIN. SLOPE IN ANY DIRECTION.
C. UNDERDRAIN INVERT SHALL BE 9" MIN. ABOVE FILTER LAYER - SEE DETAIL.

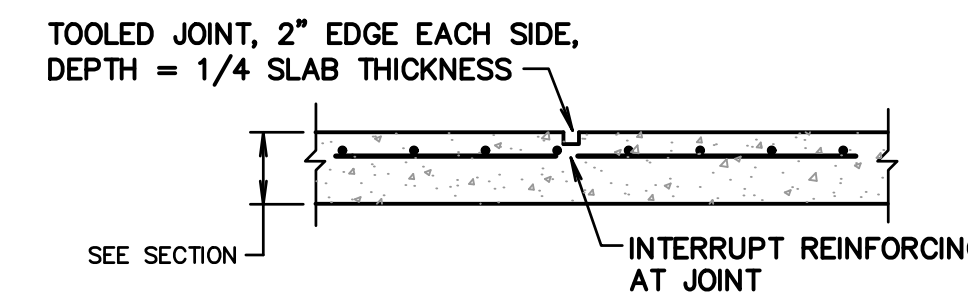
* NO EXCAVATION BELOW EXISTING GRADES IS ALLOWED ON THIS PROJECT - IN ACCORDANCE WITH OPRHP AGREEMENT FOR PROTECTION OF SUBGRADE ARCHAEOLOGICAL ARTIFACTS.

5 PAVING SCHEDULE
SCALE: N.T.S.

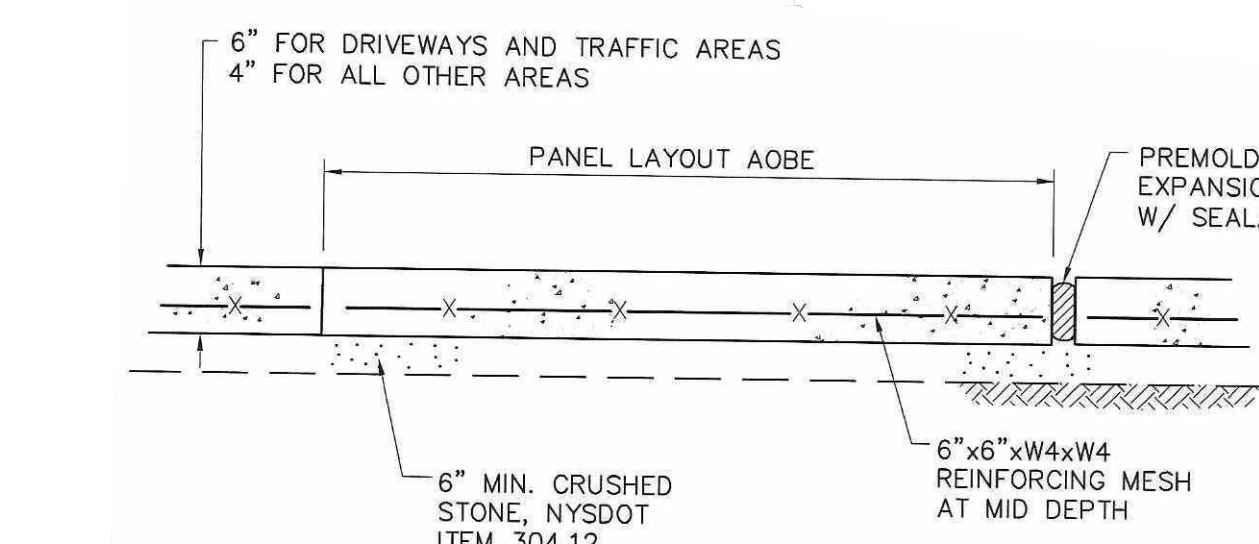


- NOTES:
- SEE PLANS FOR LOCATION AND TYPE OF SCORE JOINTS.
 - BROOM PERPENDICULAR TO LINE OF TRAVEL.
 - 2" WINDOW PANE EDGE FINISH.
 - DOUBLE COAT OF PENETRA-SIL 244" SEALER TO BE APPLIED TO ALL NEW CONCRETE SURFACES.

6 CONCRETE BROOM FINISH
SCALE: N.T.S.

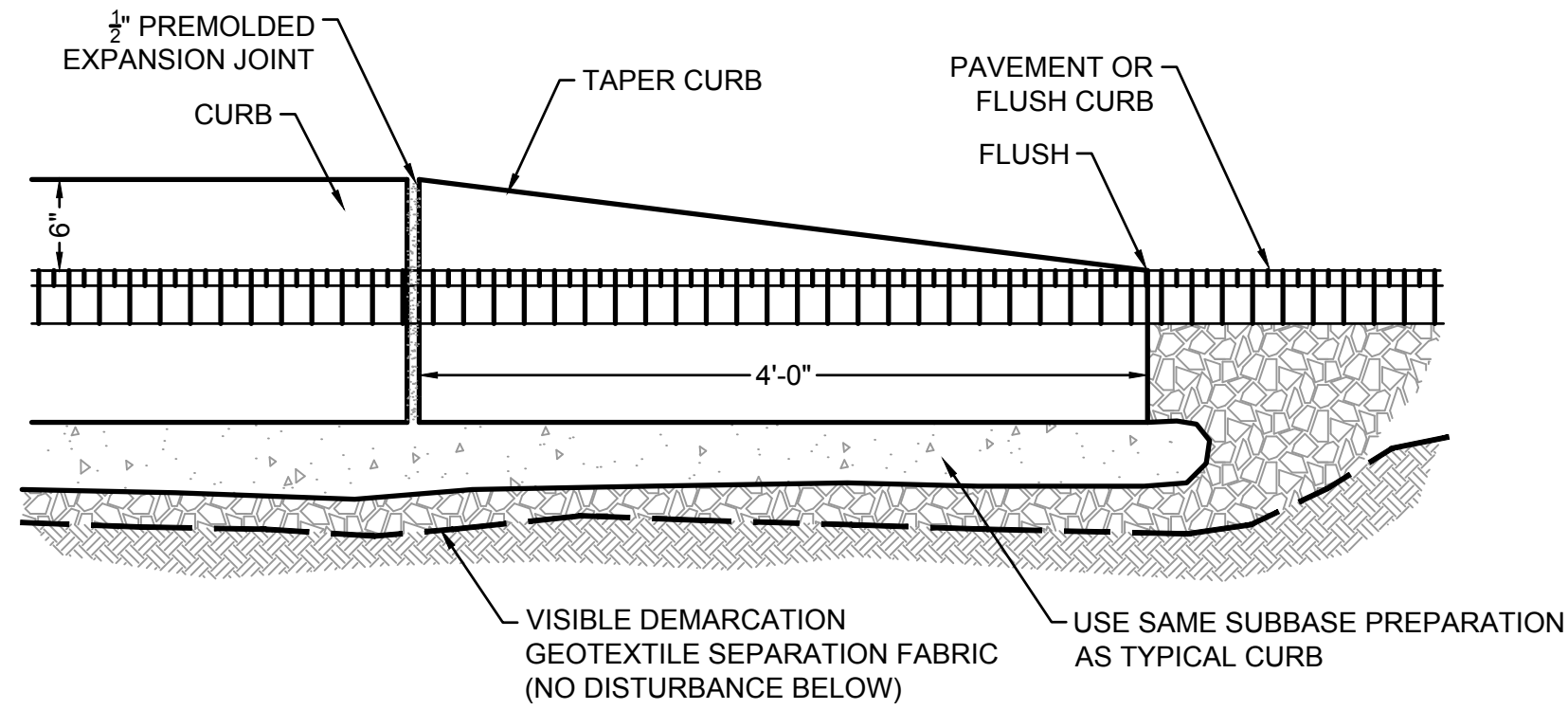


7 CONCRETE CONTROL JOINT
SCALE: N.T.S.



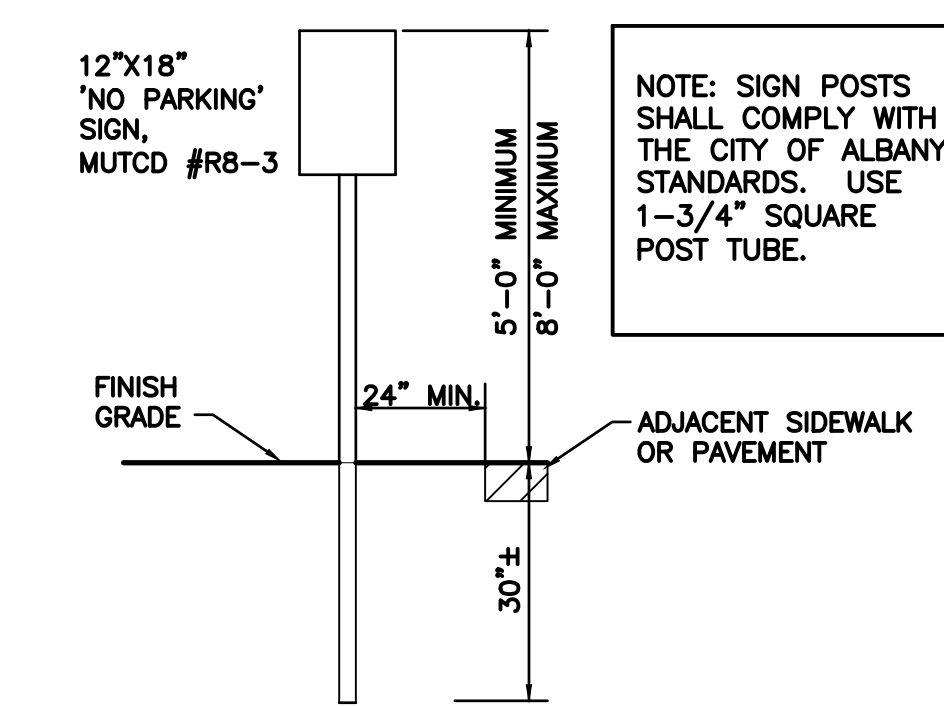
- NOTES:
- THE CONCRETE USED SHALL BE PORTLAND CEMENT, AIR-ENTRAINED, CLASS "A" CONCRETE WITH AN AIR CONTENT OF 5% MIN. TO 7% MAX., AND A SLUMP OF THREE INCHES, MIN. TO FIVE INCHES, MAX.
 - ALL SIDEWALKS SHALL BE FINISHED WITH A BROOM FINISH UNLESS DIRECTED OTHERWISE BY THE CITY.
 - EXPANSION JOINTS TO BE PLACED BETWEEN ADJACENT SLABS, AT BUILDING LINE, AT CURBS, OR AT PENETRATING STRUCTURES.
 - SIDEWALKS SHALL BE INSTALLED WITH A MAXIMUM CROSS SLOPE OF 2.0%.
 - ALL SIDEWALKS PANEL REPLACEMENT SHALL BE UP TO THE NEAREST SIDEWALK JOINT. NO PARTIAL PANEL REPLACEMENT IS ALLOWED.

8 SIDEWALK INSTALLATION
SCALE: N.T.S.



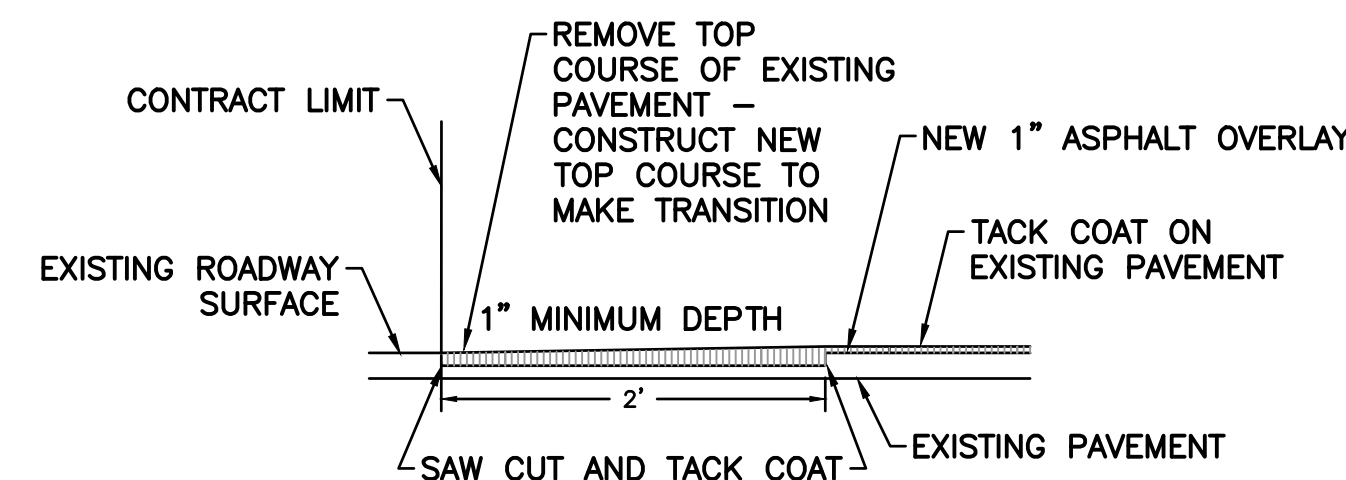
9 TAPERED CURB
SCALE: N.T.S.

SIGN SCHEDULE						
TEXT NO.	TEXT	SIZE	NATIONAL MUTCD NO.	TYPE OF MOUNTING	QUANT.	REMARKS
(a)	PARKING	12" x 18"	R7-8	POST	2	SET AT 5' ABOVE GRADE
(b)	NO PARKING	12" x 18"	R8-3	POST	1	SET AT 5' ABOVE GRADE
(c)	STOP	30" x 30"	R1-1	POST	1	SET AT 6' ABOVE GRADE
(d)	PRIVATE LOT PARKING BY PERMIT ONLY	24" x 24"	-	POST	1	SET AT 6' ABOVE GRADE

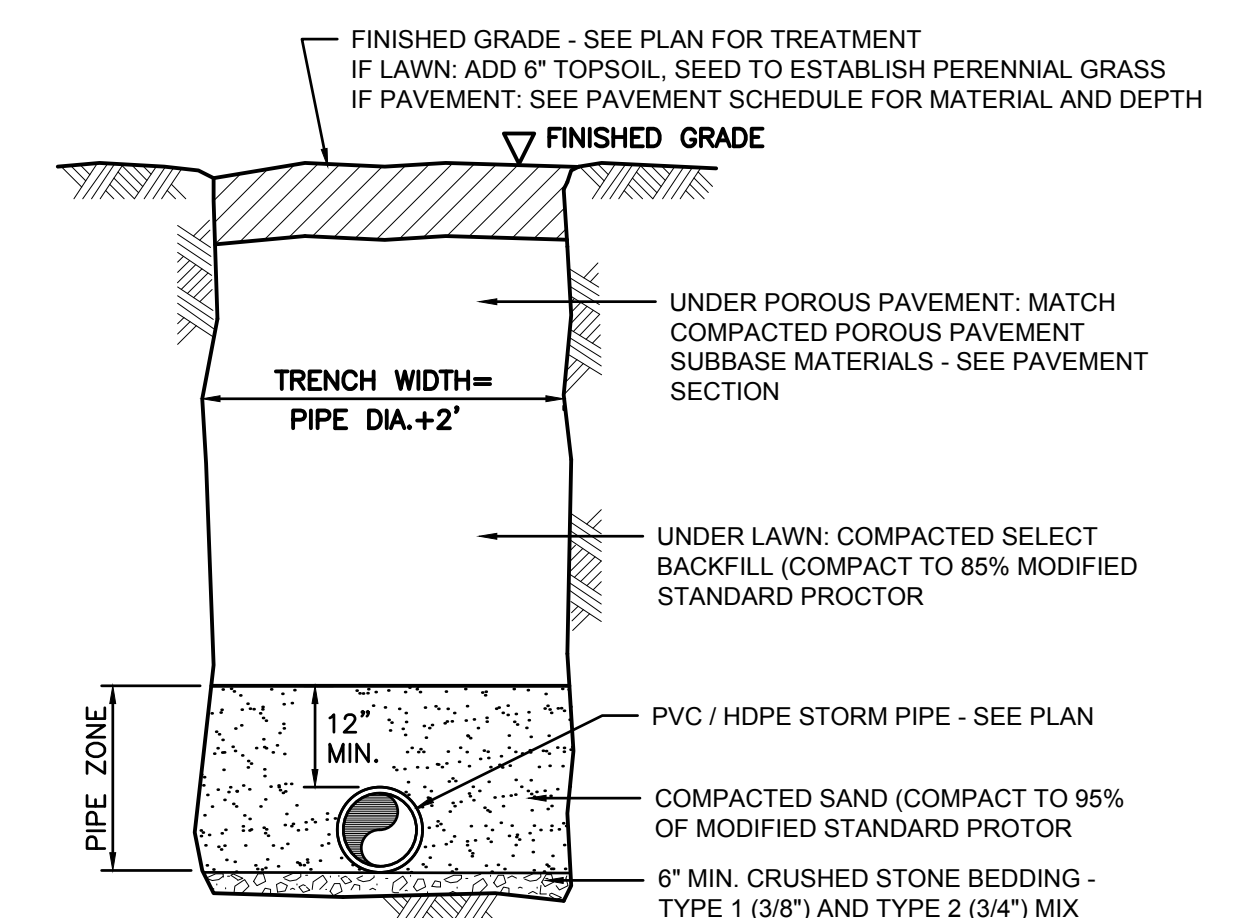


ALL SIGNAGE SHALL BE NEW AND CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)

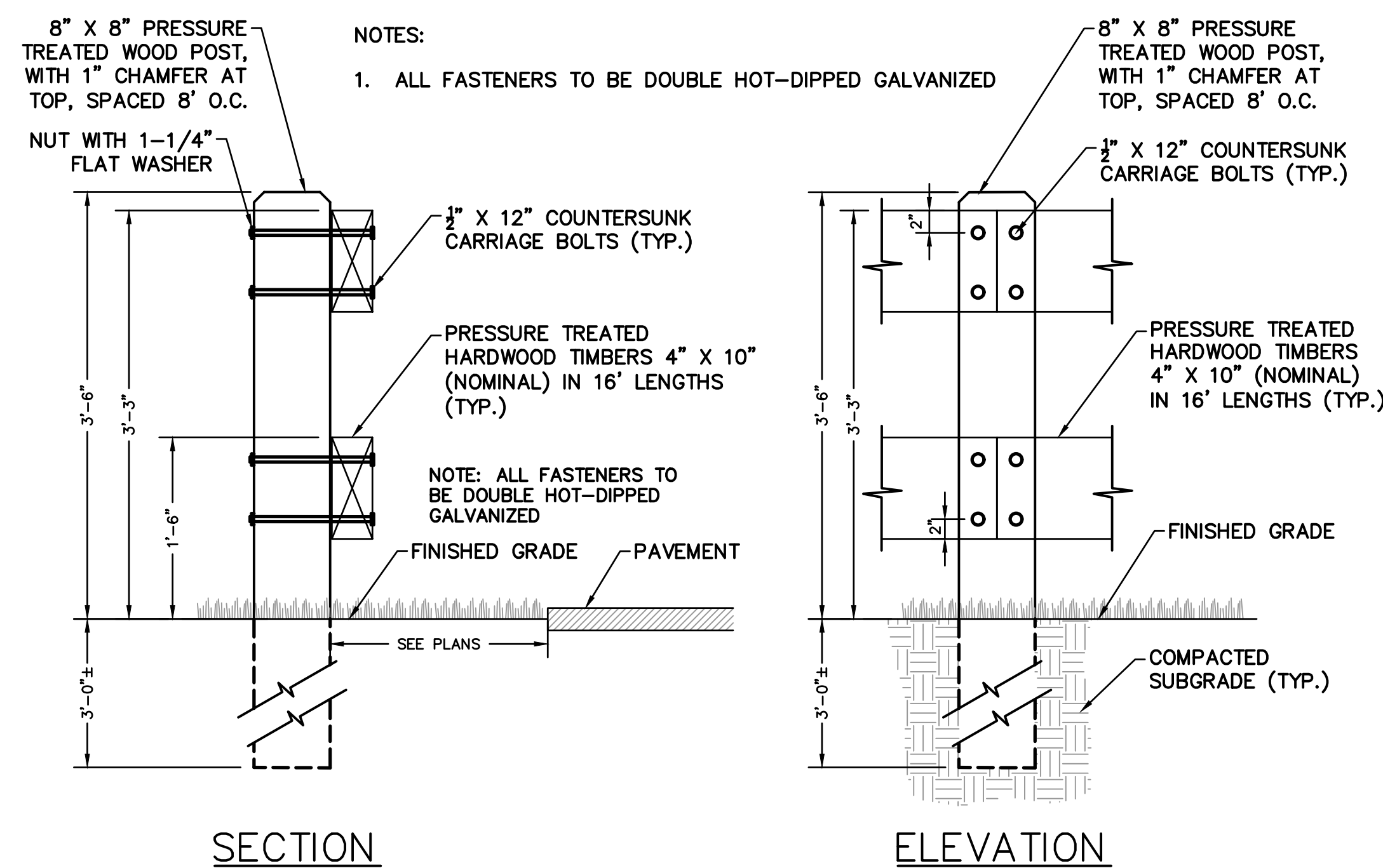
11 SIGN POST
SCALE: N.T.S.



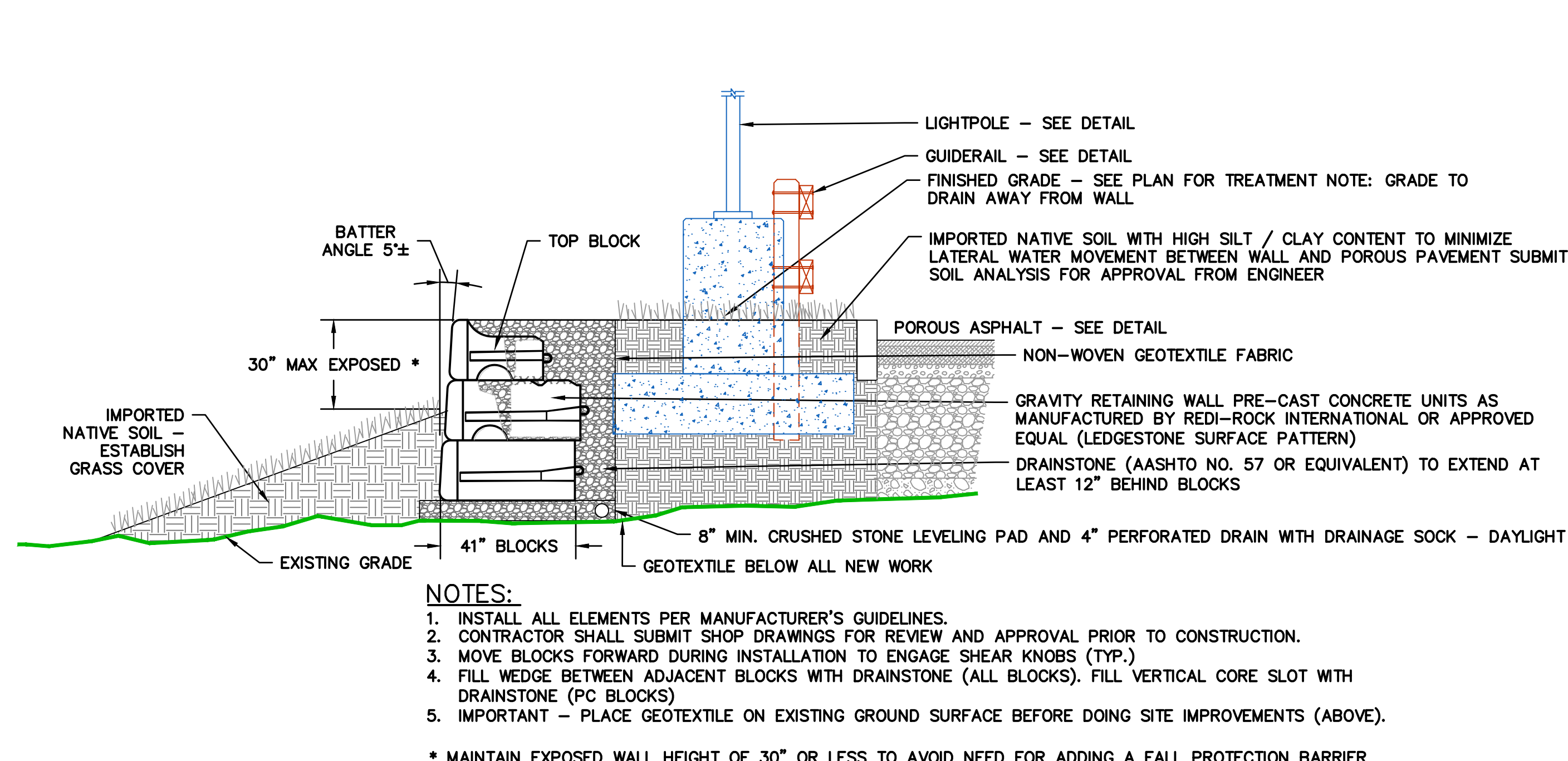
12 ASPHALT KEYWAY
SCALE: N.T.S.



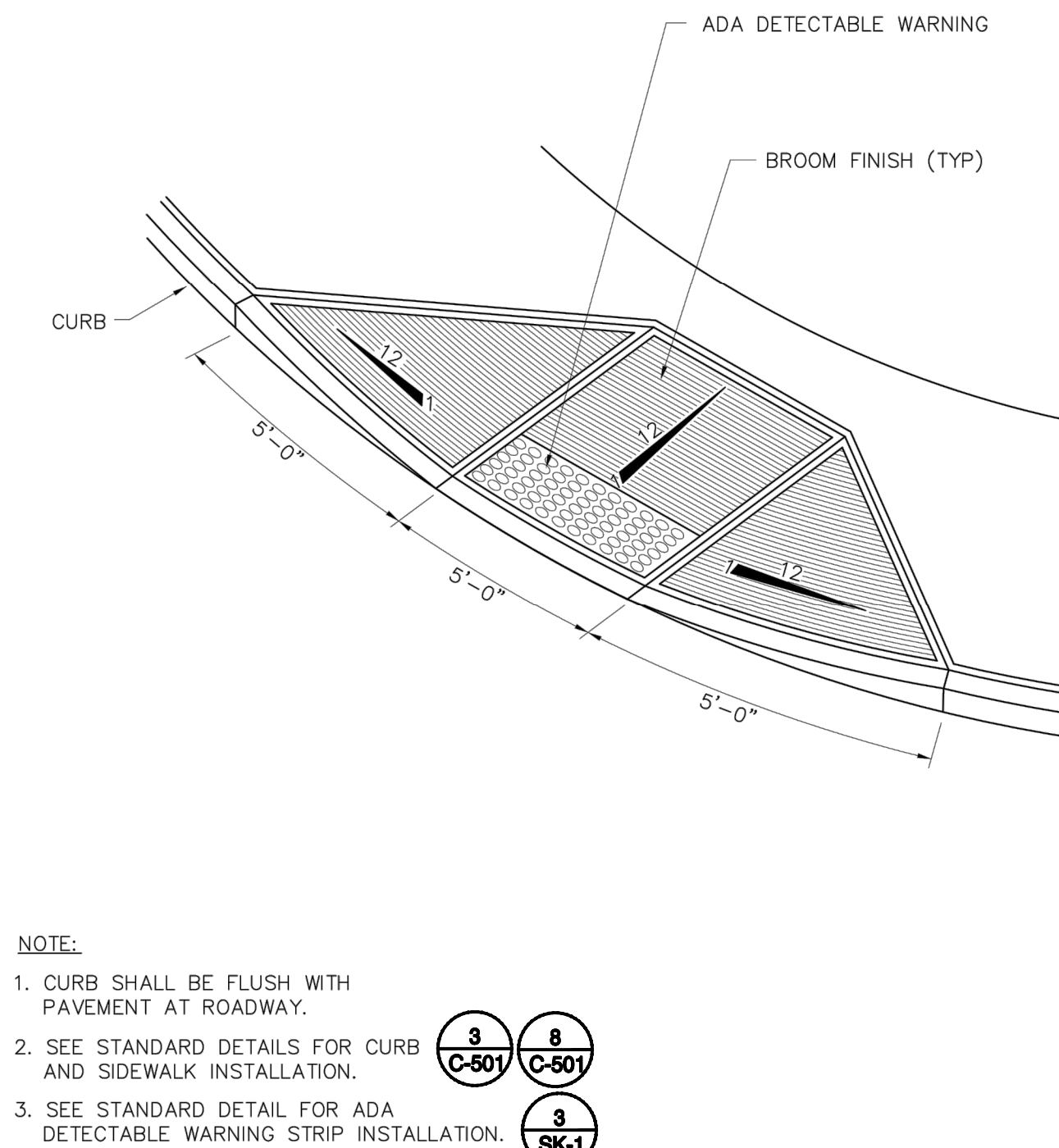
13 TRENCH DETAIL - STORM
SCALE: N.T.S.



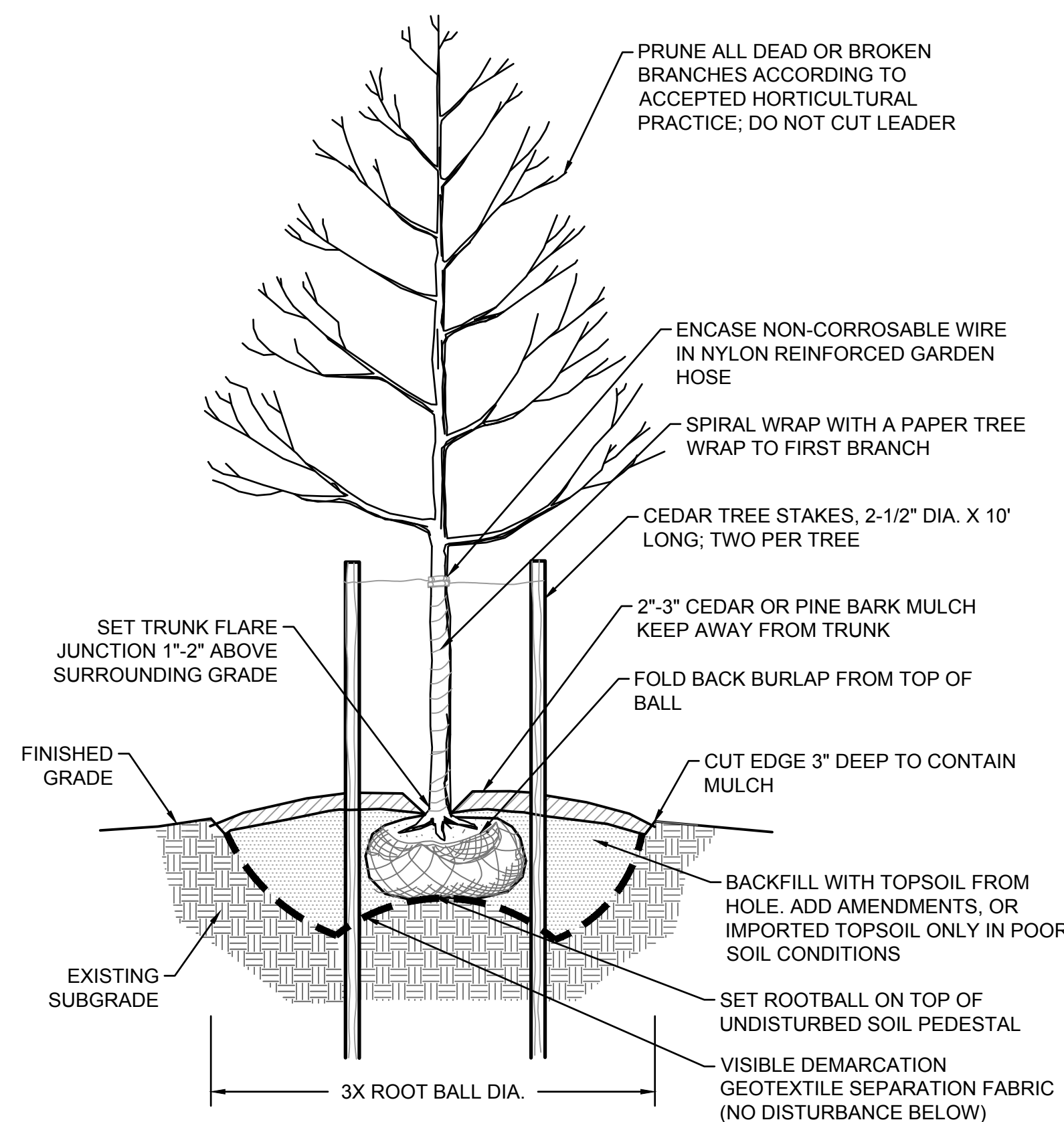
1 GUIDE RAIL
SCALE: N.T.S.



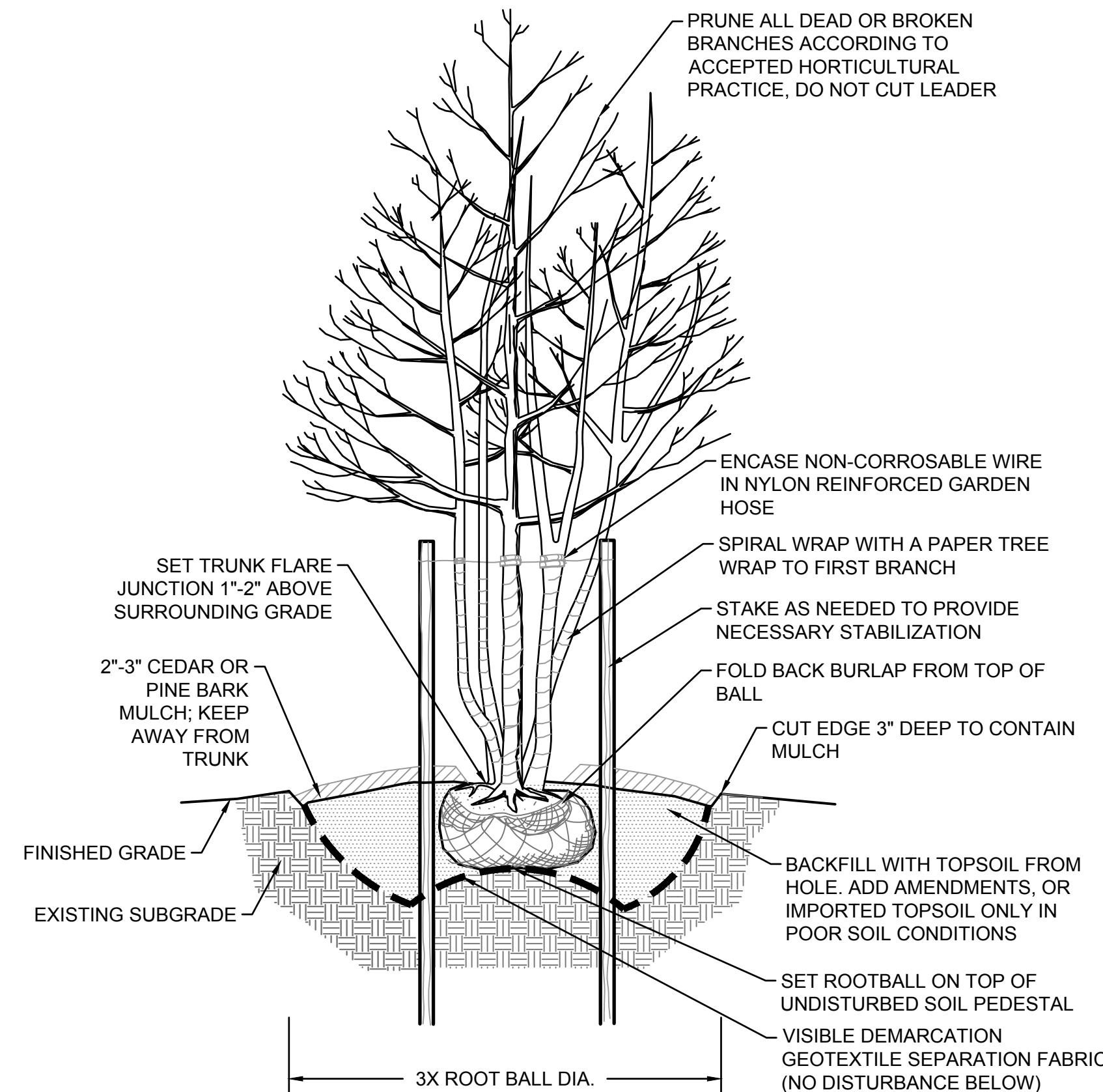
2 GRAVITY RETAINING WALL
SCALE: N.T.S.



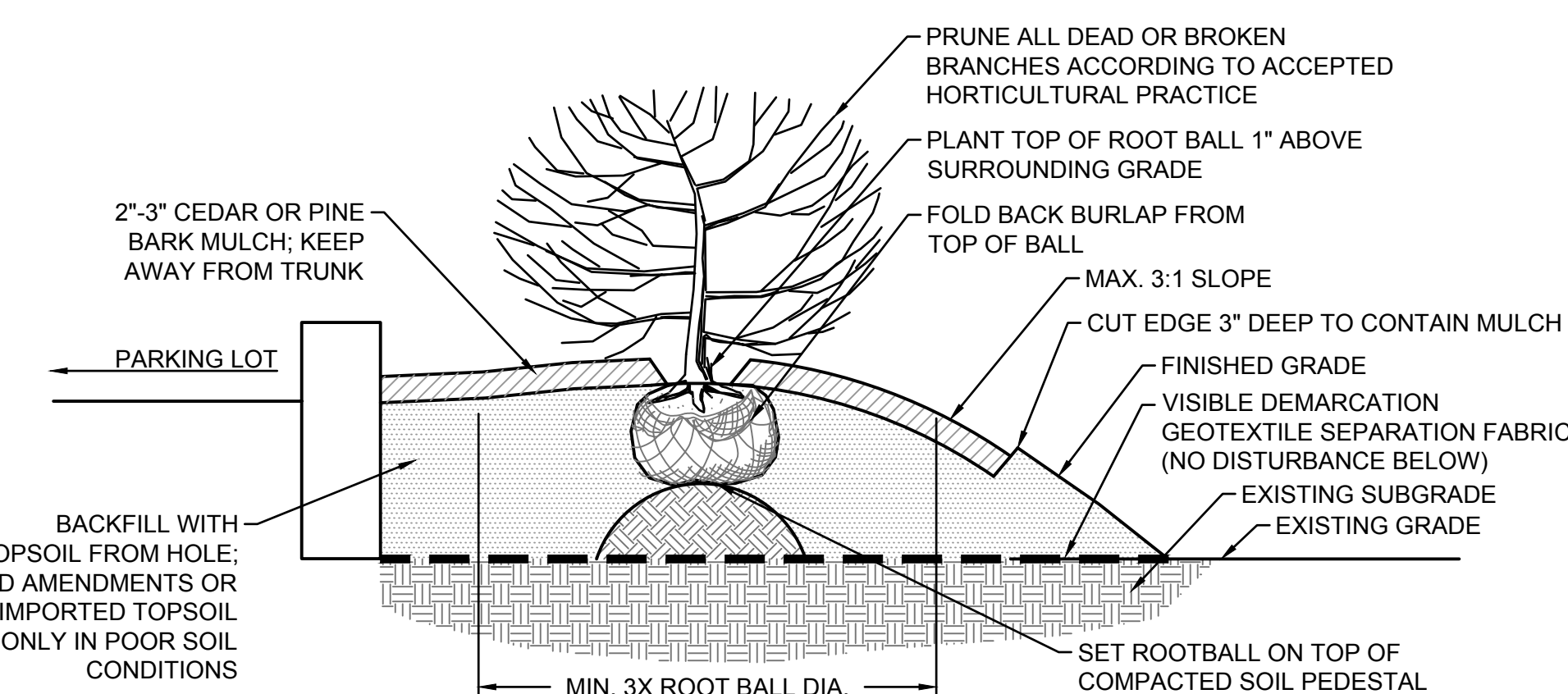
3 SIDEWALK RAMP AT STREET CORNER DETAIL
SCALE: N.T.S.



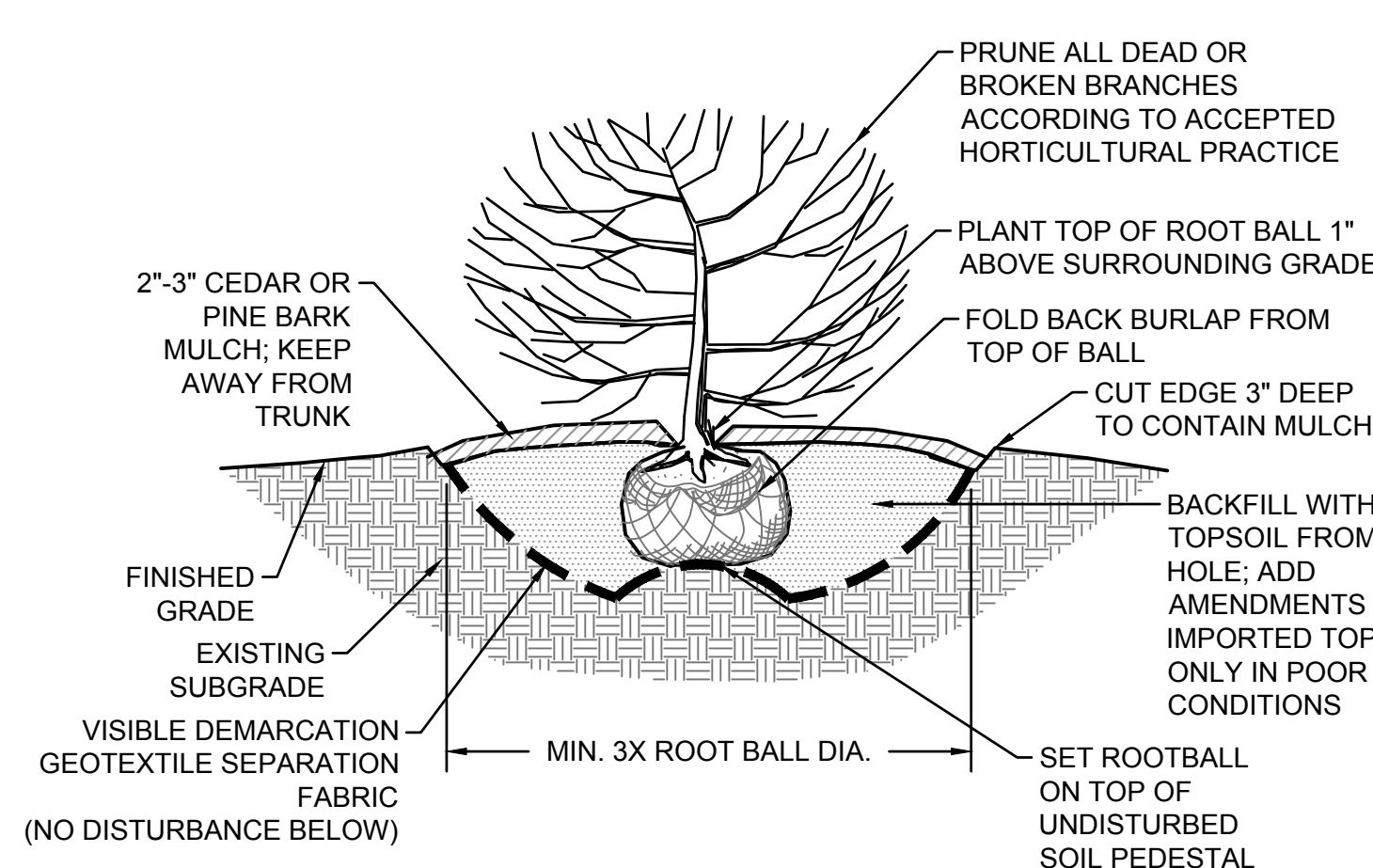
4 DECIDUOUS TREE PLANTING
SCALE: N.T.S.



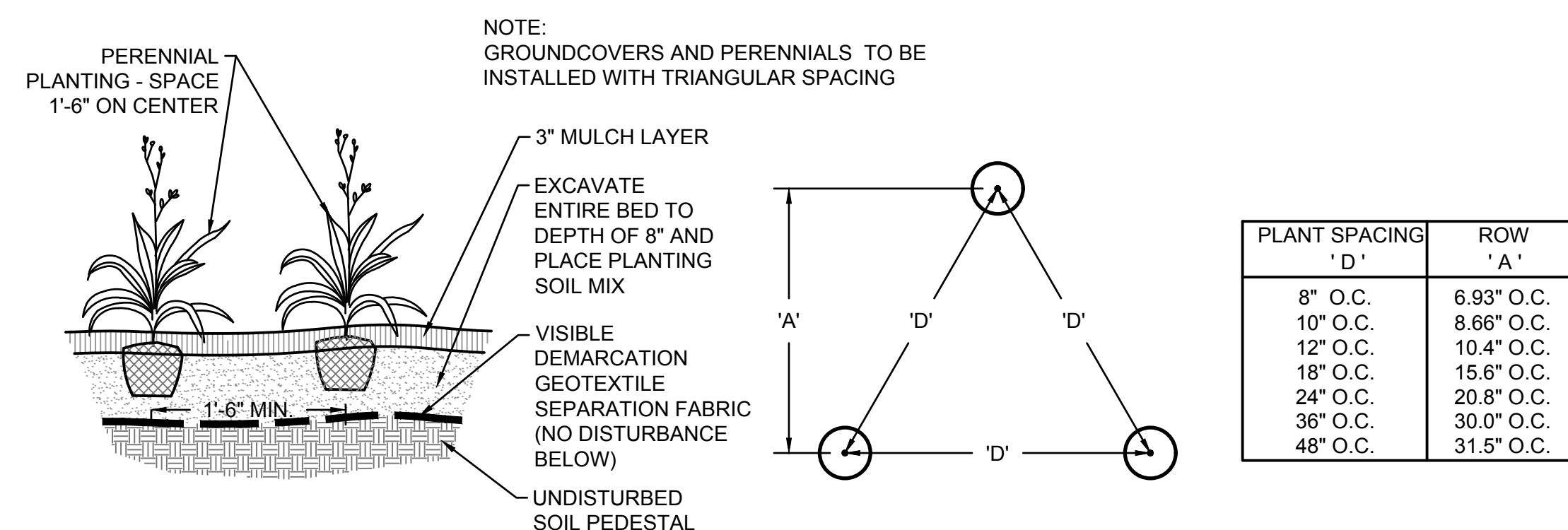
5 ORNAMENTAL TREE PLANTING
SCALE: N.T.S.



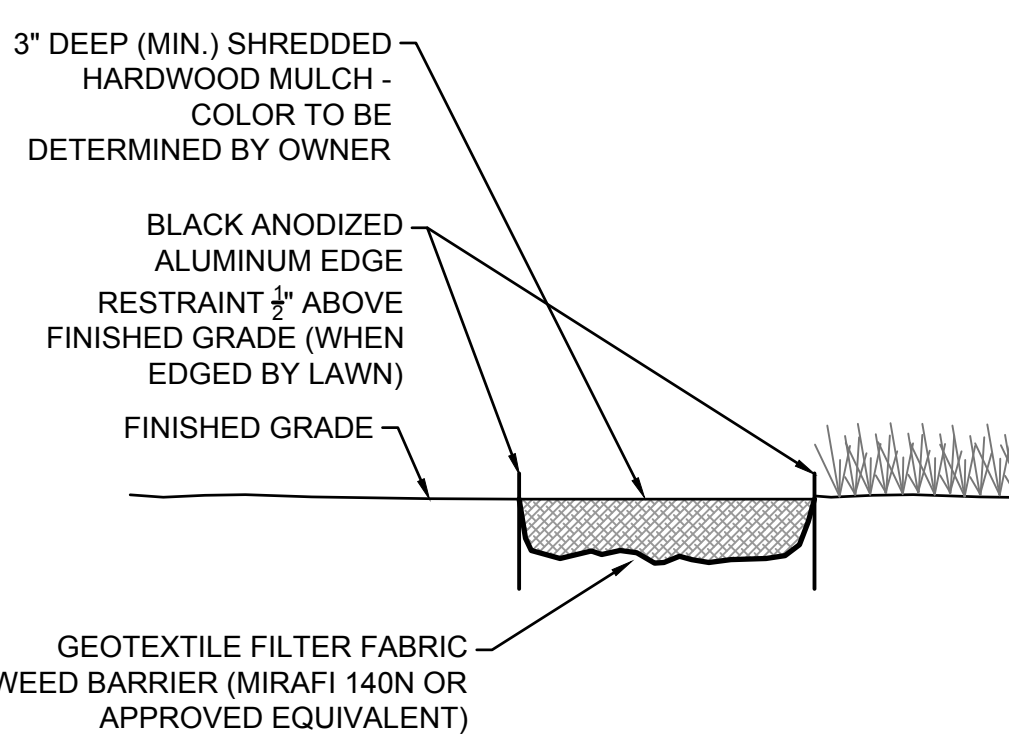
6 SHRUB ON BERM PLANTING
SCALE: N.T.S.



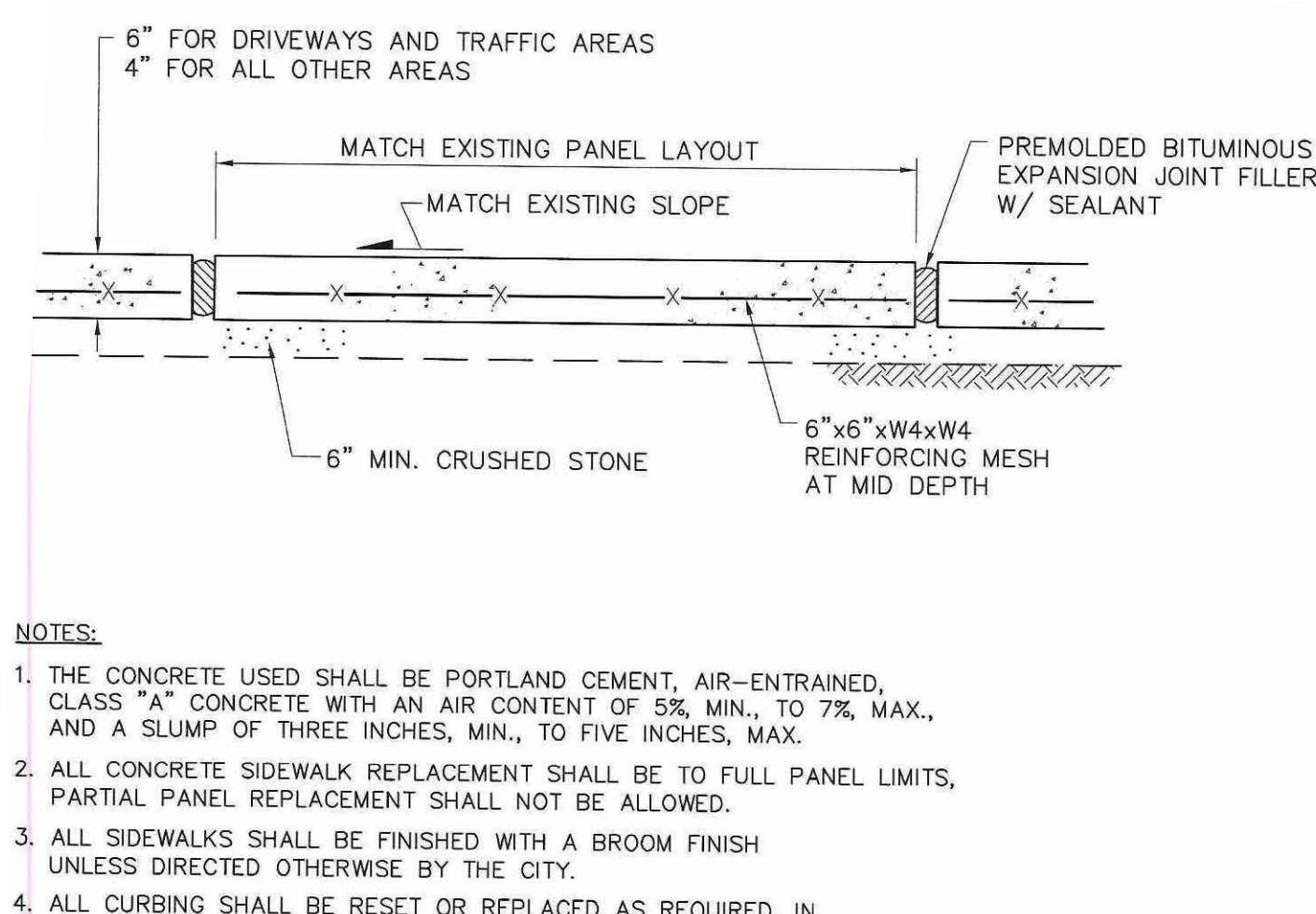
7 SHRUB PLANTING
SCALE: N.T.S.



8 GROUNDCOVER - PERENNIAL PLANTING
SCALE: N.T.S.



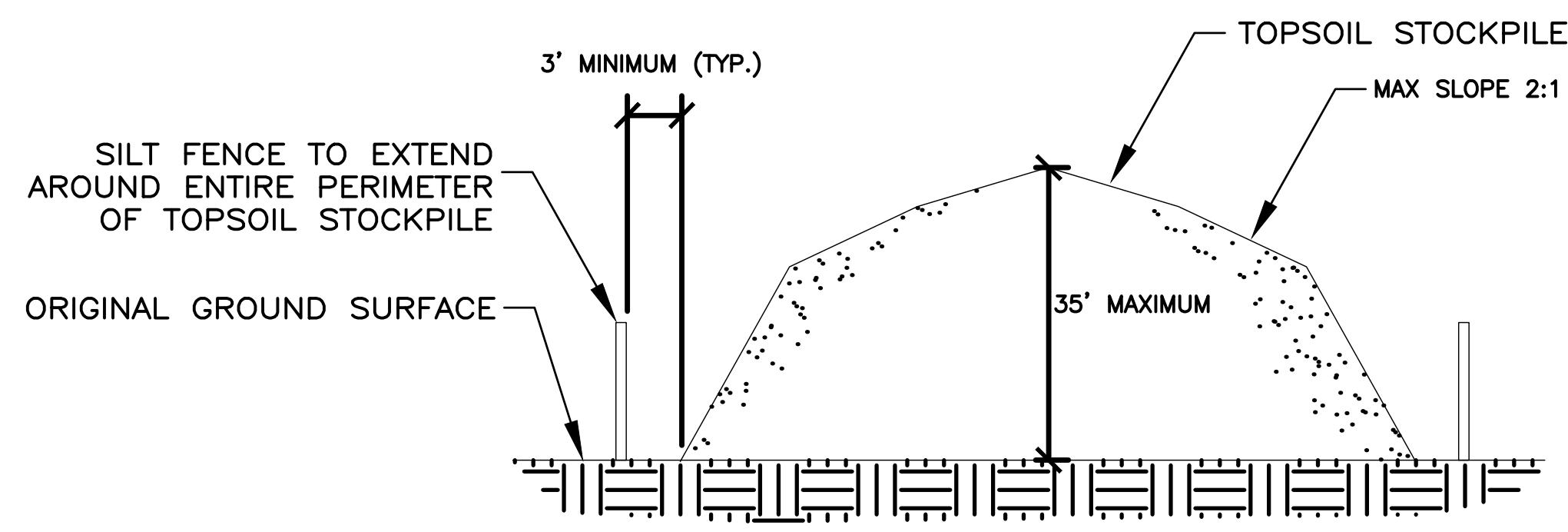
9 MULCH DETAIL
SCALE: N.T.S.



10 SIDEWALK REPLACEMENT DETAIL
SCALE: N.T.S.



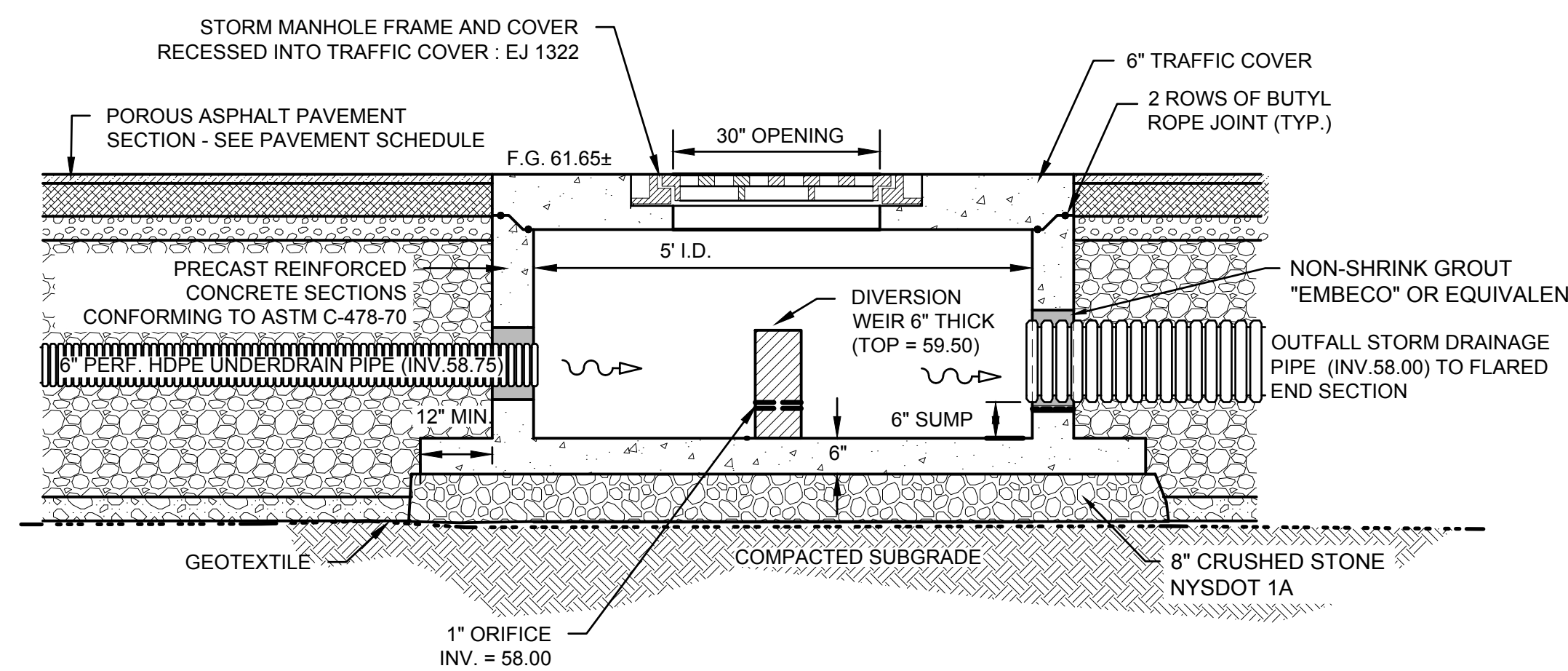
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NOTES:

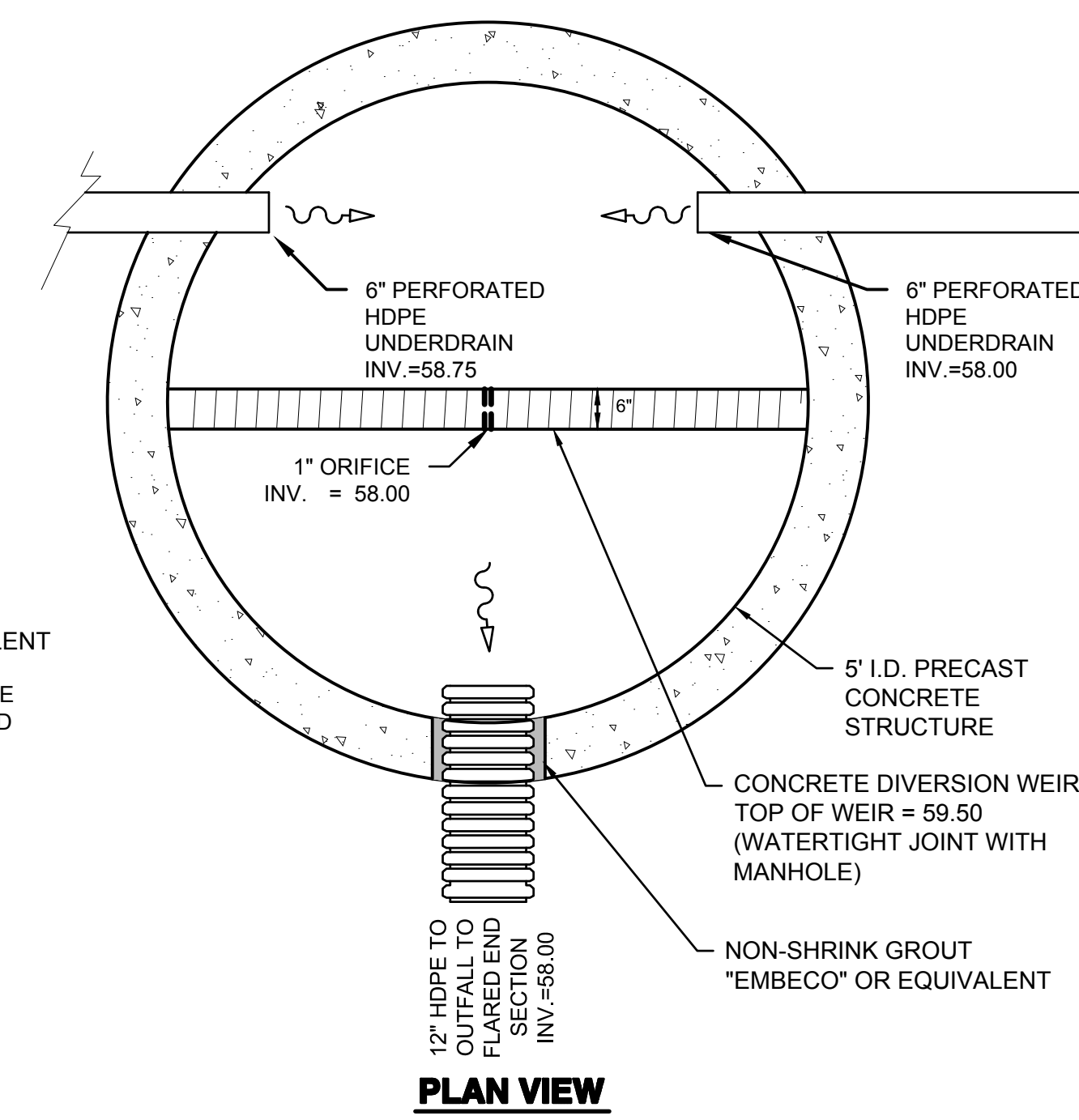
1. SITE DRAINAGE SHALL NOT FLOW TO OR COLLECT IN STOCKPILE AREA.
2. REFERENCE IS MADE TO THE SILT FENCE DETAIL FOR MATERIALS AND INSTALLATION METHODS.
3. IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, IT SHALL BE STABILIZED WITH BURLAP MATTING OR SEEDED WITHIN 7 DAYS OF COMPLETION TO MINIMIZE EROSION.
4. INSPECTION OF SILT FENCES SHALL BE AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF 1/2". REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. SEDIMENT TRAPPED BY THE FENCES SHALL BE REMOVED AND PROPERLY DISPOSED OF WHENEVER SIGNIFICANT ACCUMULATION OCCURS.
6. SILT FENCES SHALL BE MAINTAINED IN PLACE UNTIL TOPSOIL STOCKPILE HAS BEEN ELIMINATED.

1 SOIL STOCKPILE
SCALE: N.T.S.

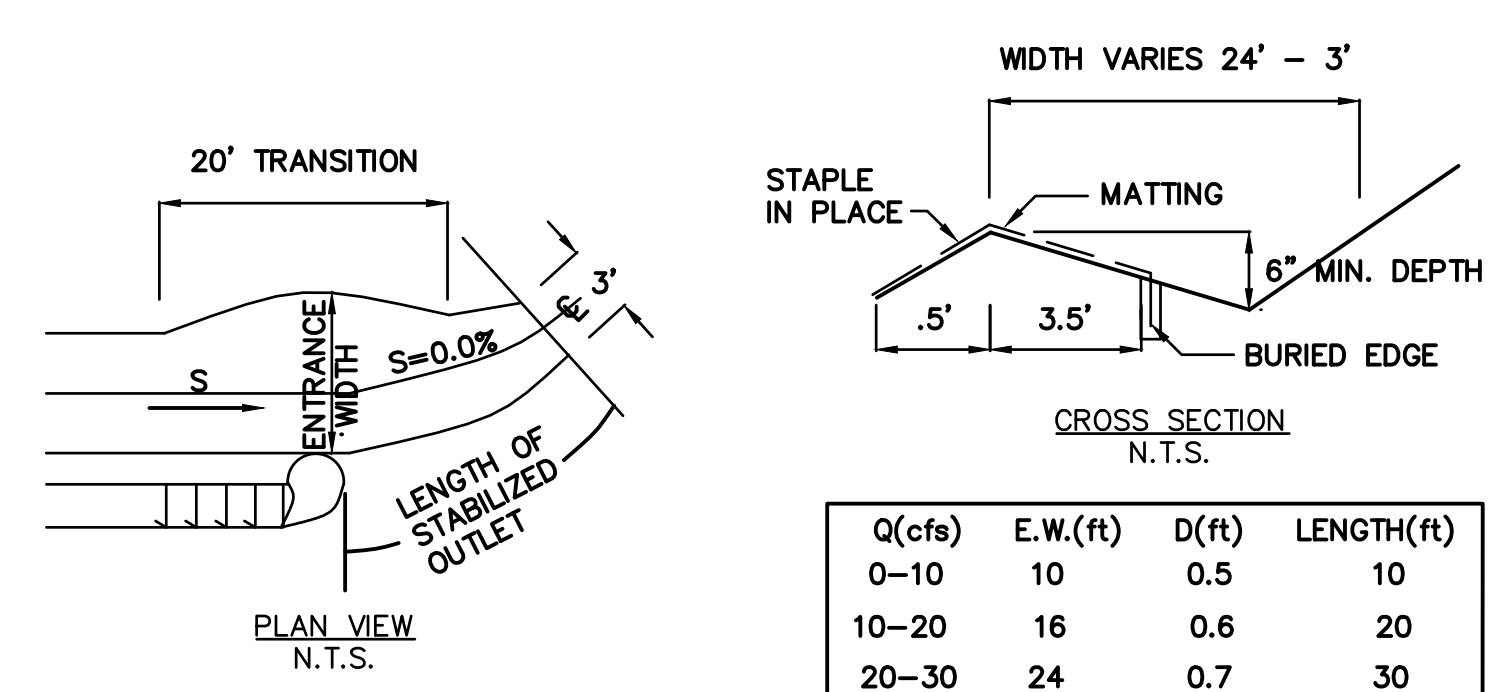
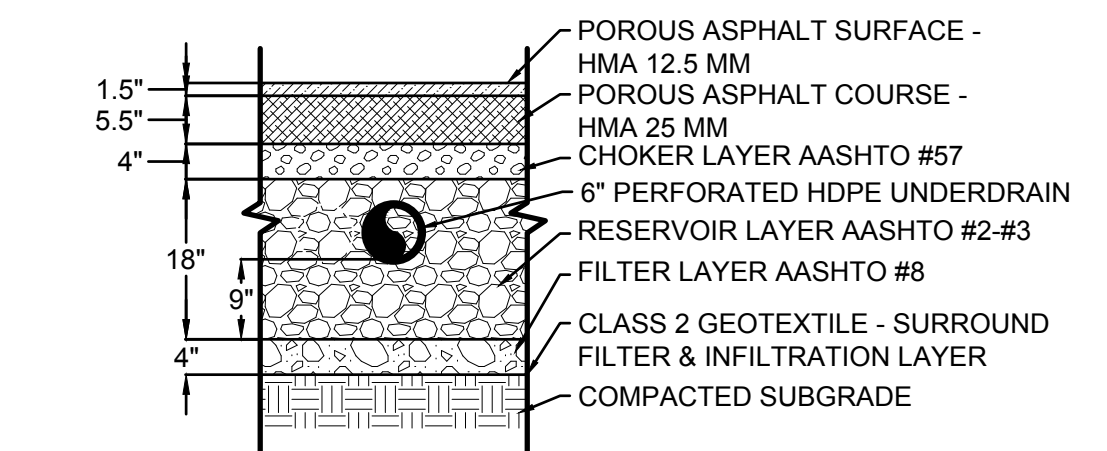


SECTION VIEW

2 DIVERSION MANHOLE
SCALE: N.T.S.



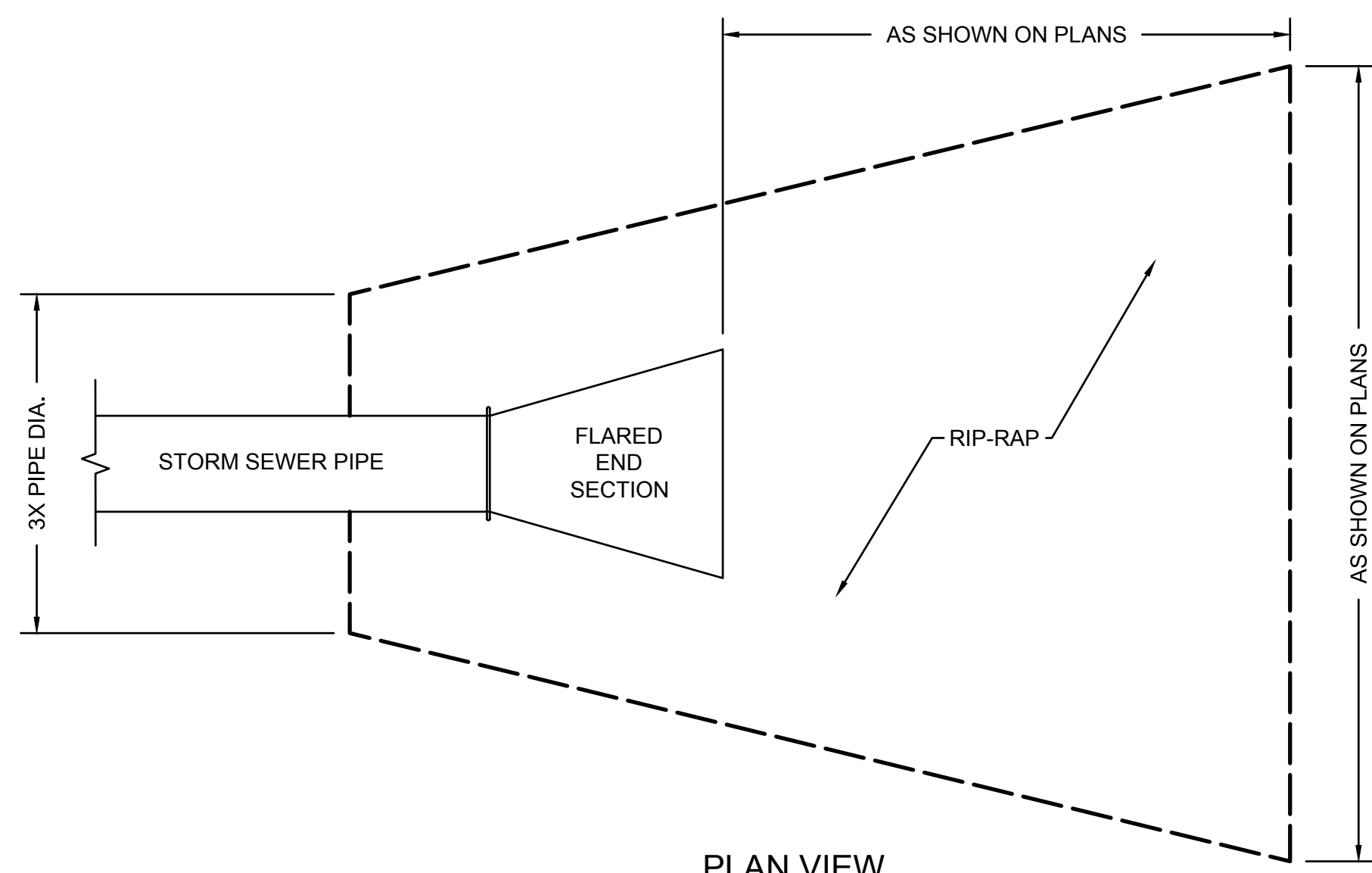
PLAN VIEW



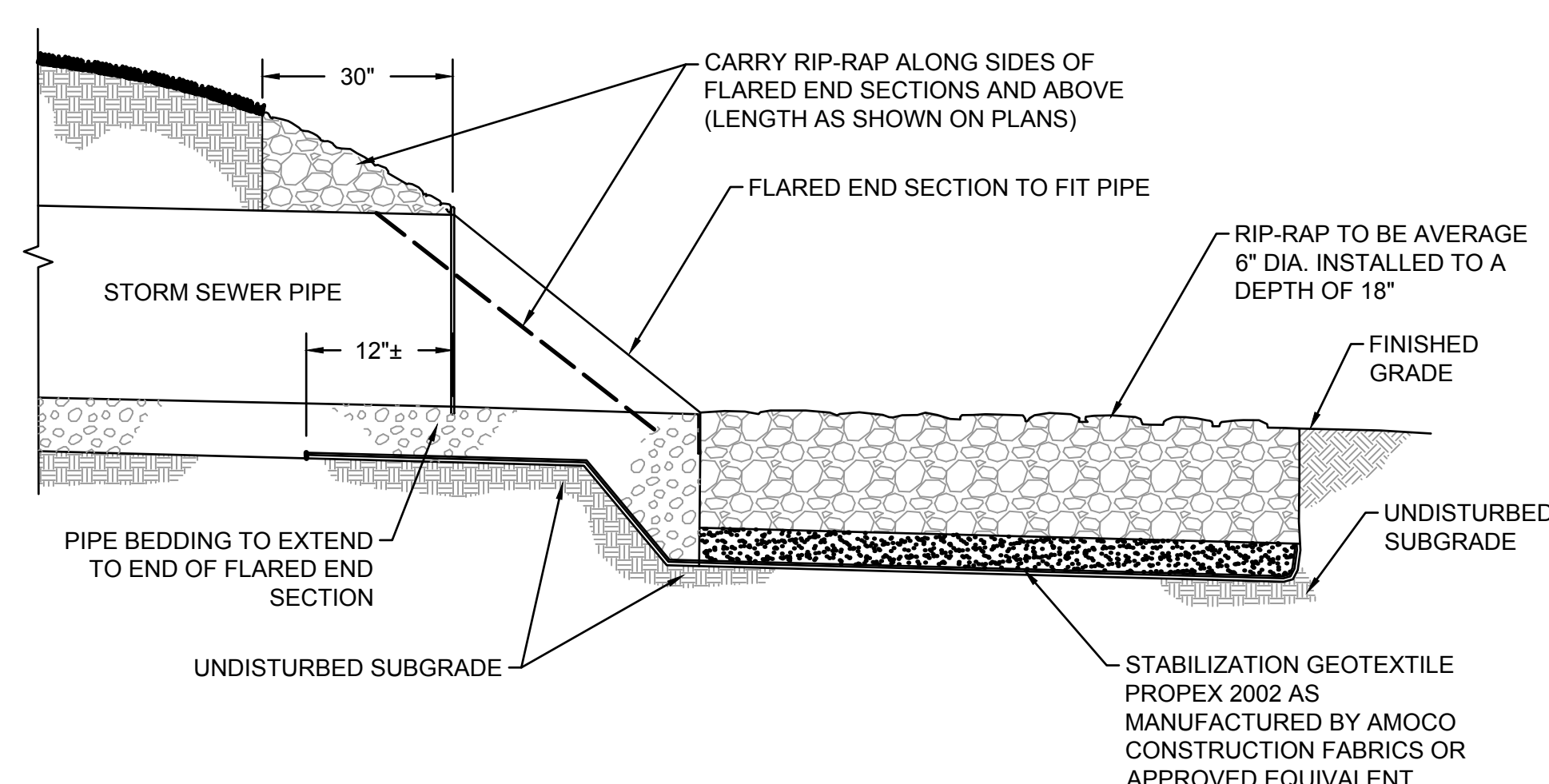
CONSTRUCTION SPECIFICATIONS

1. THE MATTING SHOULD BE A MINIMUM OF 4 FT. WIDE EXTENDING 6 INCHES OVER THE LIP AND BURIED 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SOIL AND BE SECURELY HELD IN PLACE WITH CLOSELY SPACED HEAVY DUTY WIRE STAPLES AT LEAST 12 INCHES IN LENGTH.
2. ENSURE THAT THE LIP IS LEVEL TO UNIFORMLY SPREAD DISCHARGE.
3. THE LIP SHALL BE CONSTRUCTED ON UNDISTURBED SOIL NOT FILL.
4. A 20 FOOT TRANSITION SECTION WILL BE CONSTRUCTED FROM THE DIVERSION CHANNEL TO THE SPREADER TO SMOOTHLY BLEND THE DIFFERENT DIMENSION AND GRADES.
5. THE RUNOFF DISCHARGE WILL BE OUTLETED ONTO A STABILIZED VEGETATED SLOPE NOT EXCEEDING 10%.
6. SEED AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.

4 LEVEL SPREADER
SCALE: N.T.S.

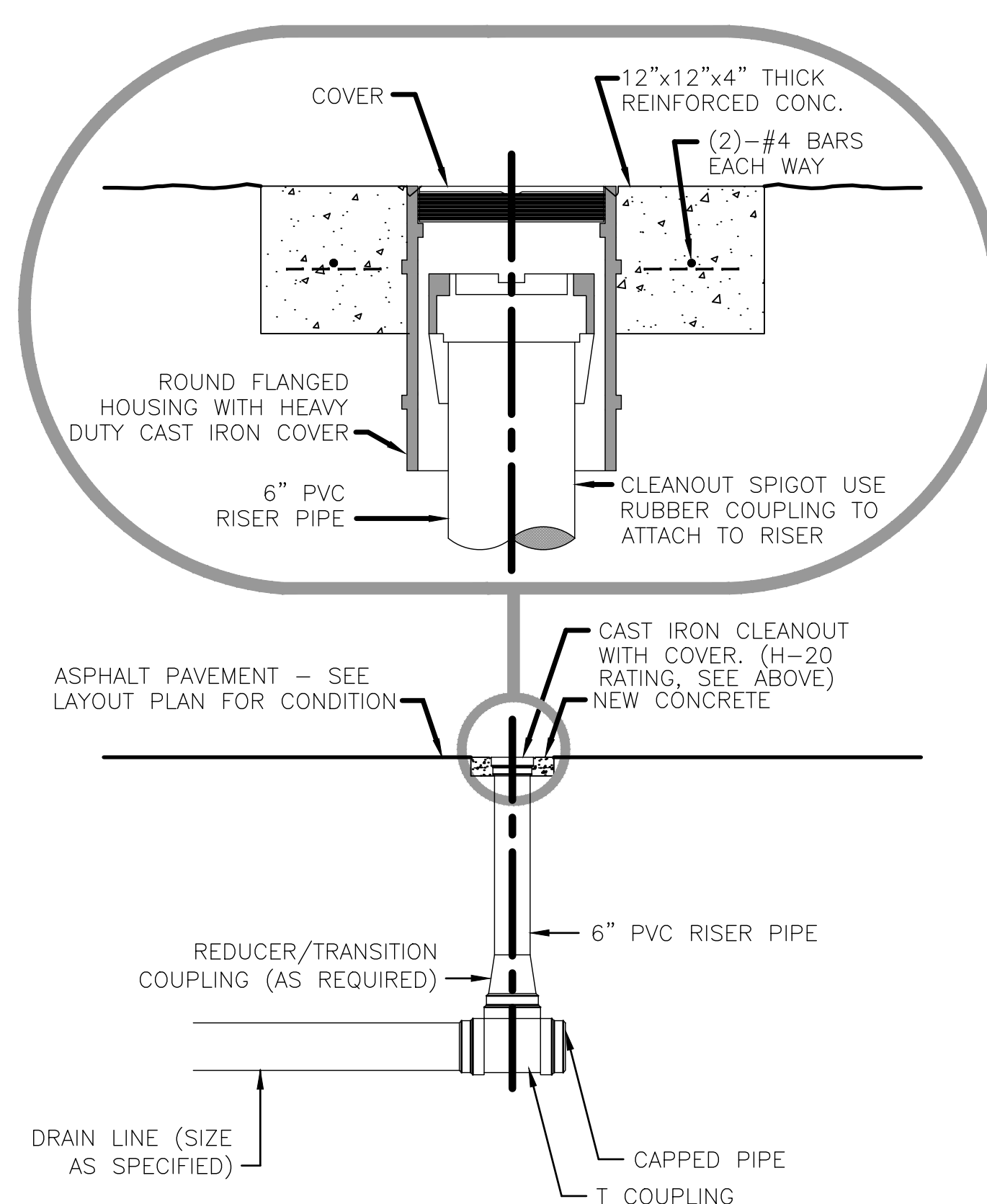


PLAN VIEW

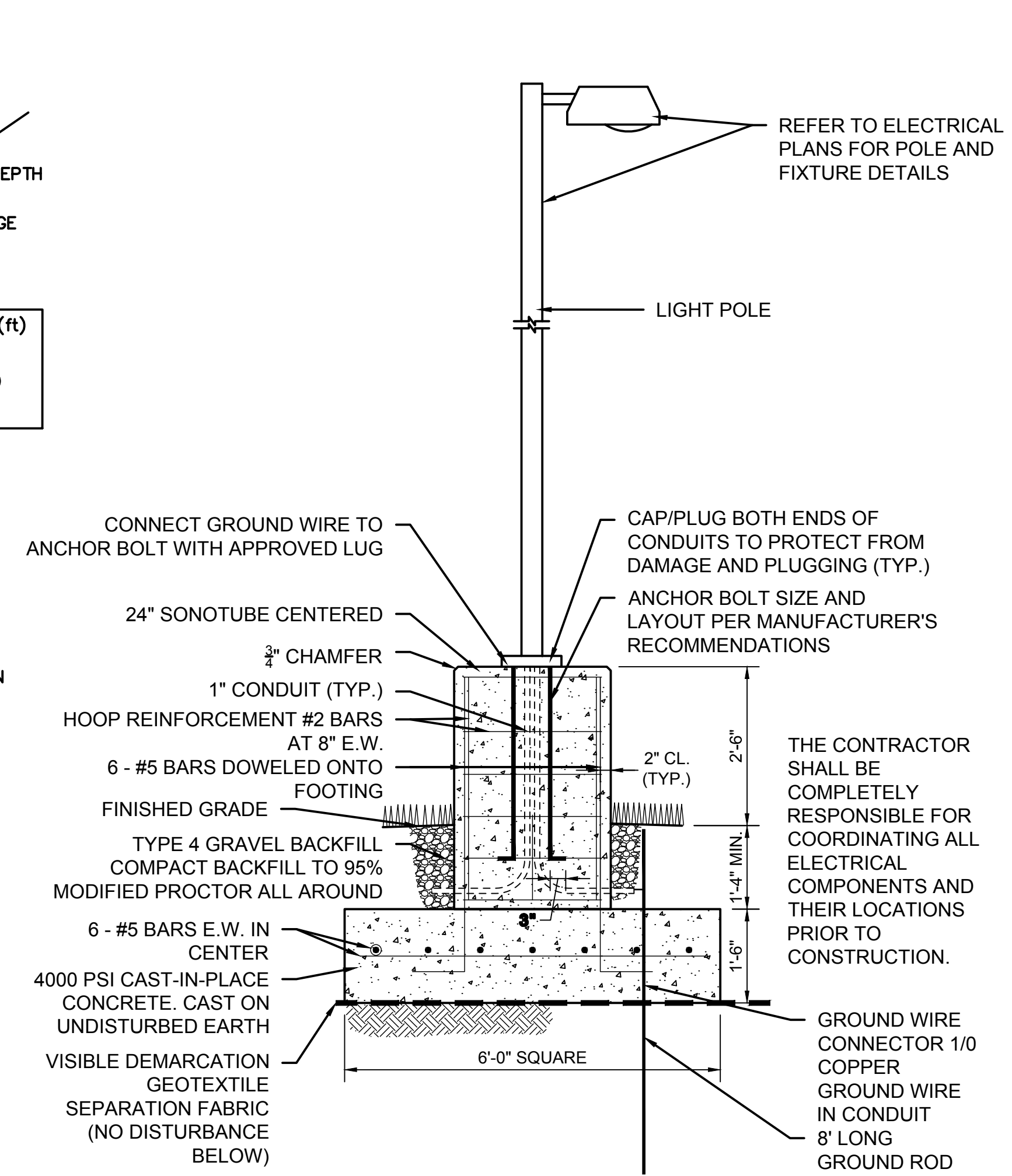


SECTION VIEW

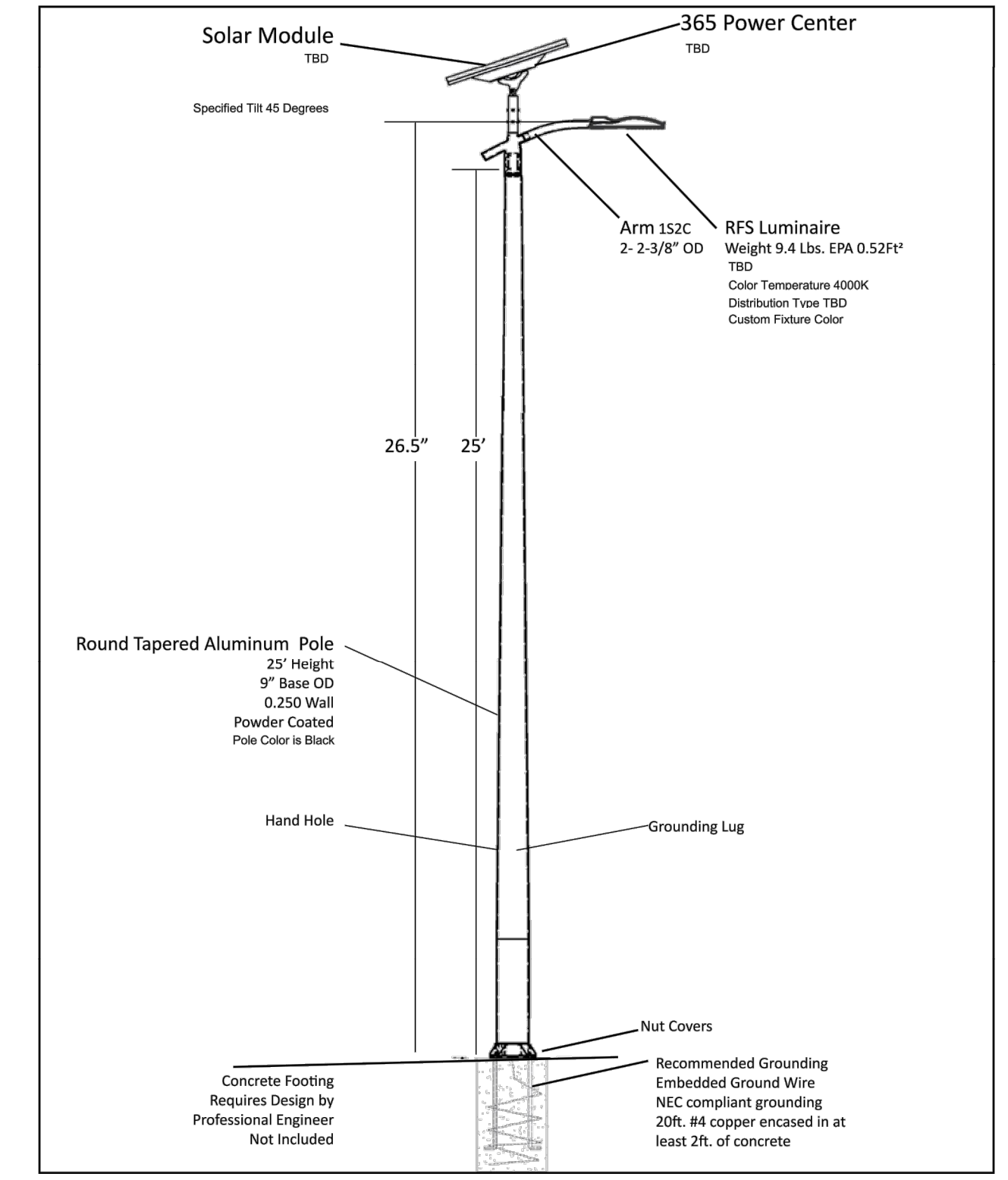
3 STORMWATER OUTFALL
SCALE: N.T.S.



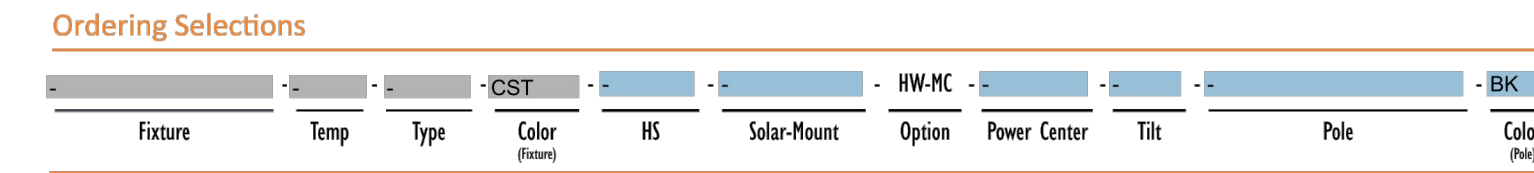
5 OBSERVATION PORT
SCALE: N.T.S.



6 LIGHTPOLE BASE DETAIL
SCALE: N.T.S.



Solar Assembly	12"	24"	36"	48"	60"	72"	84"	96"
P140F-T1-HW-MC	102.73	113.31	123.89	134.48	145.06	155.64	166.22	176.80
P260F-T3-HW-MC	120.37	130.95	141.53	152.12	162.70	173.28	183.86	194.44
P380F-T4-HW-MC	120.37	130.95	141.53	152.12	162.70	173.28	183.86	194.44



7 LIGHT FIXTURE CUT SHEET
SCALE: N.T.S.



8 POST-CONSTRUCTION STORMWATER SIGNAGE
SCALE: N.T.S.



NO.	DATE	DESCRIPTION
1		

Drawn By:	ALM
Checked By:	KSK/JFB
Proj.#	N28056
CSArch Project #	710-1901
Issued for Review:	AUGUST 13, 2021
Sheet Title	CONSTRUCTION DETAILS
Sheet No.	C-503
CONCEPT DEVELOPMENT	

