

1 PROPOSED SITE PLAN
SCALE: BAR SCALE

SITE NOTES

- COORDINATE CONCRETE EXPANSION JOINTS AND DOWELING INTO ADJACENT CONCRETE SLABS WITH CITY APPROVAL.
- ALL SITE IMPROVEMENTS SHALL PROCEED WITH MINIMAL INTERRUPTED SERVICE TO ROADWAYS AND ADJACENT BUILDINGS/BUSINESSES. IF INTERRUPTION OF ANY SERVICE ACCESS, UTILITY, ETC., IS REQUIRED, NOTIFICATION OF THE OWNER AND ARCHITECT SHALL BE REQUIRED IN ADVANCE.
- CONTRACTOR IS STRICTLY PROHIBITED FROM DISTURBING EXISTING GRADES, OPERATING HEAVY MACHINERY, OR STORING MATERIALS WITHIN THE DRIPLINE (CRITICAL ROOT ZONE) OF EXISTING TREES TO REMAIN.
- CONTRACTOR SHALL ENSURE THAT ALL NEW PAVEMENTS MEET EXISTING PAVEMENTS FLUSH TO AVOID TRIP HAZARD AND ALLOW HANDICAP ACCESS.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AS DIRECTED OR IMPLIED TO COLLECTION POINTS OR OUTLETS.
- OBTAINING ALL PERMITS REQUIRED FOR WORK OUTLINED IN THESE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTACT THE U.F.P.O. A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION (1-800-962-7962 OR 811).
- COORDINATE ALL SITE WORK WITH THE CITY OF ALBANY.
- FULL SIDEWALK PANELS ARE TO BE REPLACED WHERE NECESSARY. NO PARTIAL PANEL REPLACEMENT. FULL PANEL PLACEMENT AT DRIVEWAY AS REQUIRED.
- STREET & SIDEWALK OPENING PERMIT AND RIGHT-OF-WAY ACCESS PERMIT APPLICATIONS ARE REQUIRED. CONTACT GARY BOHL, DEPARTMENT OF GENERAL SERVICES, CITY OF ALBANY AT 518.462.3519.

ORDINANCE COMPLIANCE CHART				
MU-CU (MIXED-USE COMMUNITY URBAN) ZONING DISTRICT				
	REQUIRED	Existing	PROPOSED	COMPLIES
Lot Standards				
Min. lot width	20 ft.	68.5 ft.	68.5 ft.	Yes
Max. impervious lot coverage	90%	0%	18.4%	Yes
Setbacks				
Max. front	10 ft.	N/A	5 ft.	Yes
Min. side	0 ft.	N/A	0 ft.	Yes
Min. rear	0 ft.	N/A	0 ft.	Yes
Parking Lot				
Off-street parking	N/A	N/A	44 parking spaces proposed	N/A
Bike parking	10% of required parking spaces; 44 parking spaces * 10% requires 5 bike parking spaces	N/A	TBD	N/A
Street Trees	1 shade tree per 35 lf or 1 ornamental tree per 20 lf; North Pearl St = 460 lf/20 requires 23 ornamental street trees. Colonie St=280 lf/35 requires 8 shade trees.	N/A	23 ornamental street trees along North Pearl St proposed and 8 shade trees along Colonie St.	Yes
Parking Lot Landscape				
Landscape area	Min. 7% landscape area of total parking lot area; 14,626 sf parking lot area requires 1,024 sf landscape area	N/A	1,033 sf landscape area proposed	Yes
Tree island	Min. 1 tree island for every 20 spaces; 44 parking spaces/20 requrs 2 tree islands	N/A	2 tree islands proposed	Yes

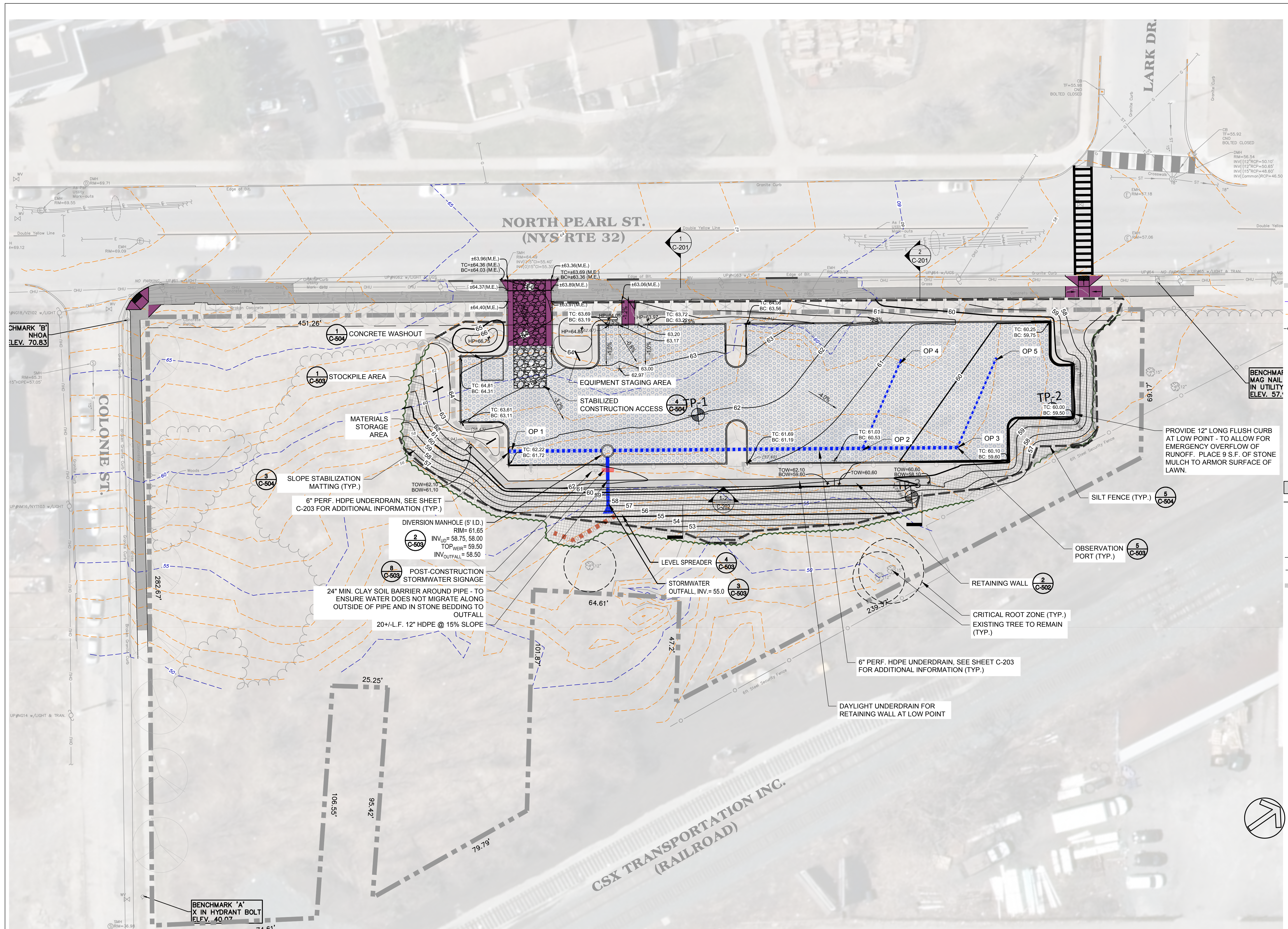
PLANTING SCHEDULE					
KEY	BOTANIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
TREES					
AG	TARULANCHIER + GRANDIFLORA ROBIN HILL	APPLE SERVICEBERRY	23	2' - 2.5'	B&B, SINGLE STEM
UE	LULMUS FRONTIER	FRONTIER ELM	10	2' - 2.5'	B&B
SHRUBS					
IV	ITEA VIRGINICA MERLOT	VIRGINIA SWEETSPIRE	17	5 GAL	CONTAINER
PM	PIRUS MUGO 'PUMILIO'	MUGO PINE	47	5 GAL	CONTAINER
ST	SPIRAEA TOMENTOSA	STEERLEBUSH	12	5 GAL	CONTAINER
PERENNIALS/ORNAMENTAL GRASS					
HE	HEMEROCALLIS 'HAPPY RETURNS'	DAYLILY	174	1 GAL	CONTAINER, SPACED 18" O.C.
HE	MUHLENBERGIA CAPILLARIS	PINK MUHLYGRASS	25	2 GAL	CONTAINER



DATE	DESCRIPTION

SITE LAYOUT AND LANDSCAPE PLAN

C-101



EXISTING CONDITIONS LEGEND

- EDGE OF WOODS
- DECIDUOUS TREE
- SIGN
- UTILITY POLE
- LIGHT POLE
- HYDRANT
- WATER SHUTOFF
- GAS VALVE
- WATER VALVE
- MONUMENT
- IRON PIN / IRON ROD
- HAND HOLE
- ELEC. METER
- GAS METER
- PROPERTY LINE
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- FENCE
- CLEANOUT
- TEST PIT
- STORM SEWER LINE
- SANITARY SEWER LINE
- WATER LINE
- GAS LINE
- SIGNAL WIRE LINE
- CABLE LINE
- FIBER OPTIC LINE
- LOW PRESSURE SEWER LINE
- ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE LINE
- SANITARY MANHOLE (SMH)
- DRAINAGE MANHOLE (DMH)
- CATCHBASIN (CB)
- ELECTRIC MANHOLE (MHE)
- UNKNOWN MANHOLE
- TELEPHONE MANHOLE (MHT)
- VENT PIPE
- COULD NOT OPEN
- FLOW DIRECTION
- ELECTRIC PEDESTAL
- GUY WIRE

PROPOSED LEGEND

- VEGETATION TO REMAIN
- DECIDUOUS TREE
- SIGN
- RETAINING WALL
- GUIDE RAIL
- LIGHT POLE
- LIMIT OF WORK
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- SNOW STORAGE AREA
- TOW
- BOW
- TC
- BC
- ME
- SPOT ELEVATION
- % SLOPE
- SILT FENCE
- UNDERDRAIN
- DIVERSION MANHOLE
- CONCRETE SURFACE
- POROUS ASPHALT PAVEMENT
- SLOPE STABILIZATION MATTING

1 PROPOSED SITE PLAN - GRADING & UTILITIES
SCALE: BAR SCALE

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION AND COORDINATE WITH OTHERS AS REQUIRED.
- THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE FOR INFORMATION ONLY, AND ALL UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL CONTACT U.P.P.O. (1-800-962-7962) AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY HAVING JURISDICTION TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CARE SHOULD BE TAKEN IN ALL SOIL DISTURBANCE DUE TO THE POSSIBLE EXISTENCE OF UNRECORDED UTILITIES. ANY COSTS INCURRED BY THE CONTRACTOR DUE TO FAILURE TO CONTACT THE PROPER AUTHORITIES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING INFORMATION ON SITE. ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS SHALL BE IMMEDIATELY COMMUNICATED TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING GRADES IN THE FIELD PRIOR TO THE COMMENCEMENT OF ANY WORK. FIELD VERIFICATIONS SHALL BE PERFORMED THROUGHOUT ALL AREAS OF WORK. THIS FIELD VERIFICATION IS IMPERATIVE TO ENSURE THAT THERE ARE NO DISCREPANCIES BETWEEN THE SITE SURVEY AND WHAT HAS BEEN VERIFIED. IF DISCREPANCIES DO EXIST, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT/OWNER'S REPRESENTATIVE, IMMEDIATELY, AND PRIOR TO ANY CONSTRUCTION, SO NECESSARY ADJUSTMENTS AND/OR MODIFICATIONS CAN BE MADE TO ACCOMMODATE THESE DISCREPANCIES. ANY FAILURE TO VERIFY THE GRADES PRIOR TO CONSTRUCTION SHALL BE AT THE RISK AND COST OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE STAKED LAYOUT OF PROPOSED IMPROVEMENTS FOR THE ARCHITECT/OWNER'S REPRESENTATIVE REVIEW AND APPROVAL BEFORE COMMENCING WITH ANY GROUND DISTURBANCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS FOR THE WORK FROM ANY UTILITY COMPANIES OR OTHER GOVERNING BODIES HAVING JURISDICTION OVER THE WORK OUTLINED IN THESE DRAWINGS.
- THE CONTRACTOR SHALL ESTABLISH PERMANENT SECONDARY BENCHMARKS PRIOR TO THE START OF CONSTRUCTION, IF NEEDED, TO ENSURE THAT THEY WILL NOT BE DISTURBED BY CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT TRACKING OR MOVEMENT OF SEDIMENT OR DEBRIS ONTO PUBLIC ROADS.
- THE CONTRACTOR SHALL PROVIDE DUST AND EROSION/SEDIMENT CONTROL AS PER SPECIFICATIONS AND/OR AS APPROVED BY THE ARCHITECT/OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL INSTALL SILT FENCE(S) PRIOR TO ANY SOIL DISTURBANCE. THE CONTRACTOR SHALL INSTALL AND REGULARLY MAINTAIN, AS REQUIRED, ANY AND ALL SILTATION CONTROL MEASURES AND MONITOR THE CONTROL DEVICES AT LEAST ONCE A WEEK TO ENSURE THEIR EFFECTIVENESS.
- ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED FROM THE EXISTING SOIL SURFACE. DO NOT REMOVE TREE ROOTS OR DISTURB BELOW FINISHED GRADE. ITEMS NOT SPECIFICALLY IDENTIFIED THAT INTERFERE WITH NEW CONSTRUCTION MUST ALSO BE REMOVED. ALL REFUSE, DEBRIS AND MISCELLANEOUS ITEMS TO BE REMOVED SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- CONTRACTOR SHALL CUT AT GROUND SURFACE. ALL VEGETATION TO BE REMOVED FOR PROJECT - WITHIN CLEARING LIMITS. ALL EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED THROUGHOUT THE TIME OF CONSTRUCTION, AS SPECIFIED AND/OR DIRECTED BY THE OWNER'S REPRESENTATIVE. SEE CONSTRUCTION DETAIL SHEETS FOR MORE INFORMATION.
- ALL FILL SLOPES 3:1 OR GREATER SHALL RECEIVE BIODEGRADABLE FABRIC OR APPROVED EQUIVALENT FOR EROSION CONTROL, UNLESS OTHERWISE SHOWN OR DIRECTED BY THE ARCHITECT/OWNER'S REPRESENTATIVE.
- ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS RESTORED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTURBED ALL AREAS DISTURBED AND/OR DAMAGED FROM CONSTRUCTION ACTIVITIES INCLUDING, BUT NOT LIMITED TO, LAWNS, WALKS, PAVEMENTS, ETC. IT IS EXPECTED THAT THE CONTRACTOR SHALL MAKE PHOTO LOGS OF ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION FOR HIS/HER RECORDS.
- CONSTRUCTION AND/OR DISTURBANCE SHALL NOT EXTEND BEYOND OWNER'S PROPERTY WITHOUT WRITTEN PERMISSION/PERMIT(S) FROM ADJACENT LANDOWNERS.
- DIGITAL CAD DOCUMENTS ARE AVAILABLE TO THE CONTRACTOR IN .DWG FORMAT UPON REQUEST FOR USE IN SITE LAYOUT.
- 48 HOURS' NOTICE MUST BE GIVEN TO THE DEPARTMENT OF WATER AND WATER SUPPLY FOR INSPECTIONS.
- CONTRACTOR SHALL PROVIDE SURVEYED PAPER AND DIGITAL AS-BUILT DRAWINGS TO THE DEPARTMENT OF WATER AND WATER SUPPLY. COORDINATE SYSTEM TO BE NAD83 HORIZONTAL AND NAVD83 VERTICAL.
- A SITE ASSESSMENT THAT CERTIFIES EROSION AND SEDIMENT CONTROLS DESCRIBED IN THE SWPPP ARE IN PLACE PRIOR TO CONSTRUCTION COMMENCEMENT MUST BE COMPLETED BY A QUALIFIED PROFESSIONAL AND SUBMITTED TO THE MSA COORDINATOR AT THE DEPARTMENT OF WATER WITHIN 24 HOURS OF INSPECTION COMPLETION.

PERMITTING NOTES

- GRADING PERMIT AND BOND FOR SITE WORK IS REQUIRED. CONTACT PATRICK MCCUTCHEON, ENGINEERING DIVISION, CITY OF ALBANY AT 518.434.2387.
- WATER AND SEWER PERMITS ARE REQUIRED. CONTACT KURT CARMAN, DEPARTMENT OF WATER AND WATER SUPPLY, CITY OF ALBANY AT 518.275.5871.

WINTER STABILIZATION NOTES

- THE REQUIREMENTS LISTED BELOW APPLY TO ALL CONSTRUCTION ACTIVITIES INVOLVED WITH ONGOING LAND DISTURBANCE AND EXPOSURE THAT OCCURS BETWEEN NOVEMBER 15TH TO THE FOLLOWING APRIL 1ST.
- SNOW TO BE STORED IN A MANNER NOT AFFECTING ONGOING CONSTRUCTION ACTIVITIES.
- ENLARGE AND STABILIZE ACCESS POINTS TO PROVIDE FOR SNOW MANAGEMENT AND STOCKPILING. SNOW MANAGEMENT ACTIVITIES MUST NOT DESTROY OR DEGRADE EXISTING EROSION AND SEDIMENT CONTROL PRACTICES.
- A MINIMUM 25 FOOT BUFFER SHALL BE MAINTAINED FROM THE SILT FENCE. MARK SILT FENCE WITH TALL STAKES THAT ARE VISIBLE ABOVE SNOW PACK.
- DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS. ALL DEBRIS, ICE DAMS, OR DEBRIS FROM PLOWING OPERATIONS, THAT RESTRICT THE FLOW OF RUNOFF AND MELTWATER, SHALL BE REMOVED.
- SEDIMENT BARRIERS MUST BE INSTALLED AT ALL APPROPRIATE PERIMETER AND SENSITIVE LOCATIONS. SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE MUST BE INSTALLED BEFORE THE GROUND FREEZES.
- SOIL STOCKPILES MUST BE PROTECTED BY THE USE OF ESTABLISHED VEGETATION, ANCHORED STRAW MULCH, ROLLED STABILIZATION MATTING, OR OTHER DURABLE COVERING. A BARRIER MUST BE INSTALLED AT LEAST 15 FEET FROM THE TOE OF THE STOCKPILE TO PREVENT SOIL MIGRATION AND TO CAPTURE LOOSE SOIL.
- IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES SHOULD BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN THREE DAYS. ROLLED EROSION CONTROL BLANKETS MUST BE USED ON ALL SLOPES 3 HORIZONTAL TO 1 VERTICAL OR STEEPER.
- IF STRAW MULCH ALONE IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT DOUBLE THE STANDARD RATE OF 2 TONS PER ACRE, MARKING THE APPLICATION RATE 4 TONS PER ACRE. OTHER MANUFACTURED MULCHES SHOULD BE APPLIED AT DOUBLE THE MANUFACTURER'S RECOMMENDED RATE.
- TO ENSURE ADEQUATE STABILIZATION OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL SHOULD BE STABILIZED AT THE END OF THE WORK DAY UNLESS:
 - WORK WILL RESUME WITHIN 24 HOURS IN THE SAME AREA AND NO PRECIPITATION IS FORECAST OR;
 - THE WORK IS IN DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS OPEN UTILITY TRENCHES, FOUNDATION EXCAVATIONS, OR WATER MANAGEMENT AREAS.
- USE STONE PATHS TO STABILIZE ACCESS PERIMETERS OF BUILDINGS UNDER CONSTRUCTION AND AREAS WHERE CONSTRUCTION VEHICLE TRAFFIC IS ANTICIPATED. STONE PATHS SHOULD BE A MINIMUM 10 FEET IN WIDTH BUT WIDER AS NECESSARY TO ACCOMMODATE EQUIPMENT.
- THE SITE SHALL BE INSPECTED FREQUENTLY TO ENSURE THAT THE EROSION AND SEDIMENT CONTROL PLAN IS PERFORMING ITS WINTER STABILIZATION FUNCTION.
- COMPLIANCE INSPECTIONS MUST BE PERFORMED AND REPORTS FILED PROPERLY IN ACCORDANCE WITH THE SWPPP DURING A WINTER SHUTDOWN.

SEE SHEET C-504 FOR EROSION CONTROL CONSTRUCTION SCHEDULE.

40 Banner St., Albany, New York 12207-1511
518-403-8008 www.csarch.com

CS ARCH

Consultant: **Weston@Stamper**
1 Weston Circle, Suite 130
Albany, New York 12207
Phone: (518) 482-8741
www.westonstamper.com

CAPITAL REPERTORY THEATRE OVERFLOW PARKING LOT - NINE DRAGONS SITE -
329 N. Pearl Street, Albany, NY 12207

Project Title: **CAPITAL REPERTORY THEATRE OVERFLOW PARKING LOT - NINE DRAGONS SITE -**

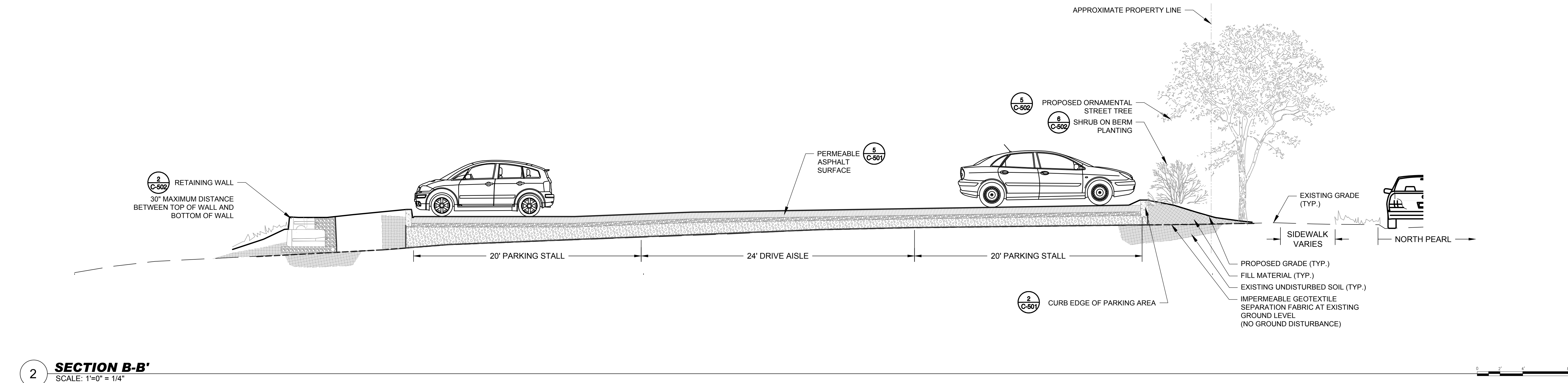
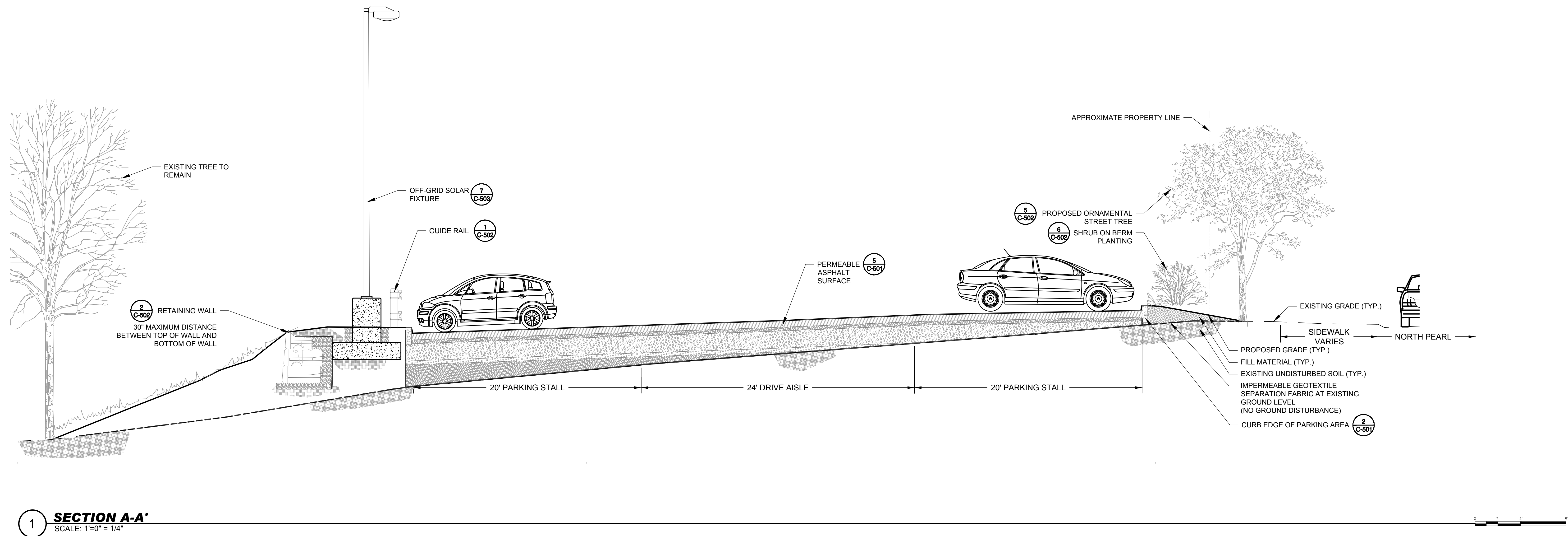
Drawn By: ALM
Checked By: KSK/JFB
Proj.# N200056
CSArch Project # 710-1901
Issued for Review: AUGUST 13, 2021

Sheet Title: **GRADING, UTILITIES AND SOIL EROSION SEDIMENT CONTROL PLAN**

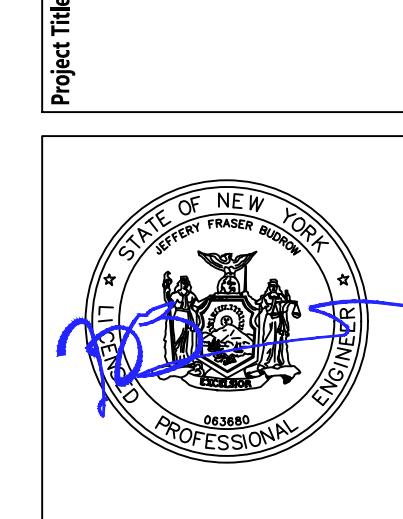
Sheet No. **C-102**

CONCEPT DEVELOPMENT

2018 COPYRIGHT © ALL RIGHTS RESERVED

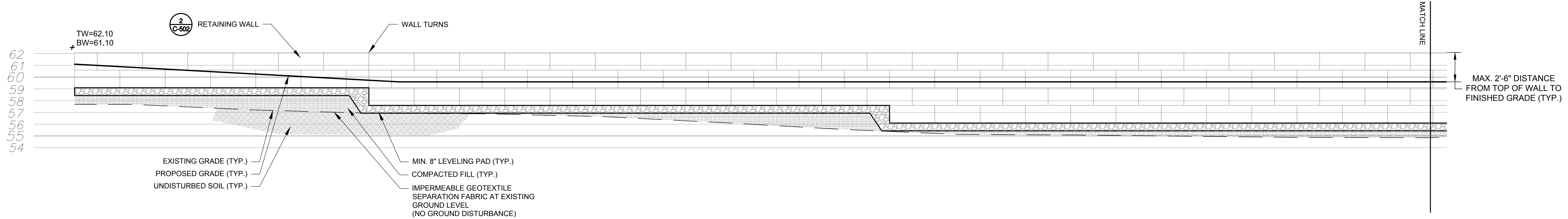


**CAPITAL REPERTORY THEATRE OVERFLOW PARKING LOT
 - NINE DRAGONS SITE -
 329 N. Pearl Street, Albany, NY 12207**

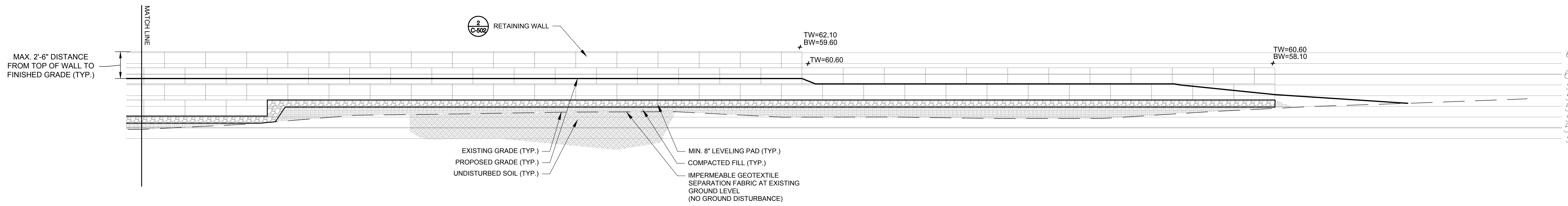


NO.	DATE	DESCRIPTION
1		

Drawn By: ALM
 Checked By: KSK/JFB
 Proj.# N28056
 CSArch Project # 710-1901
 Issued for Review: AUGUST 13, 2021



1 WALL ELEVATION (SOUTH)
SCALE: 1'-0" = 1/4"



2 WALL ELEVATION (NORTH)
SCALE: 1'-0" = 1/4"

**CAPITAL REPERTORY THEATRE OVERFLOW PARKING LOT
- NINE DRAGONS SITE -
329 N. Pearl Street, Albany, NY 12207**



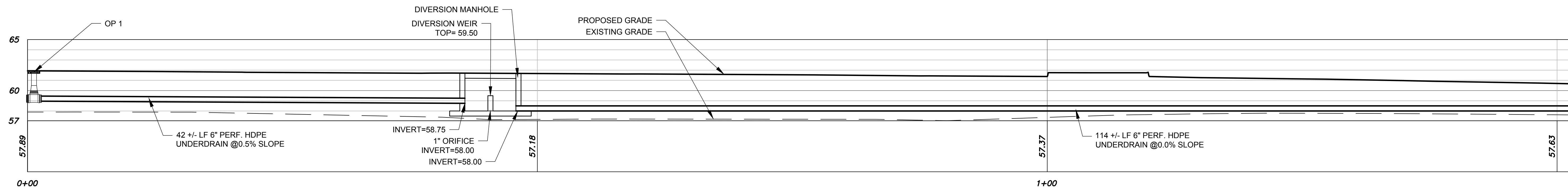
NO.	DATE	DESCRIPTION
1		

Drawn By: ALM
 Checked By: KSK/JFB
 Proj.# N28066
 CSArch Project # 710-1901
 Issued for Review: AUGUST 13, 2021

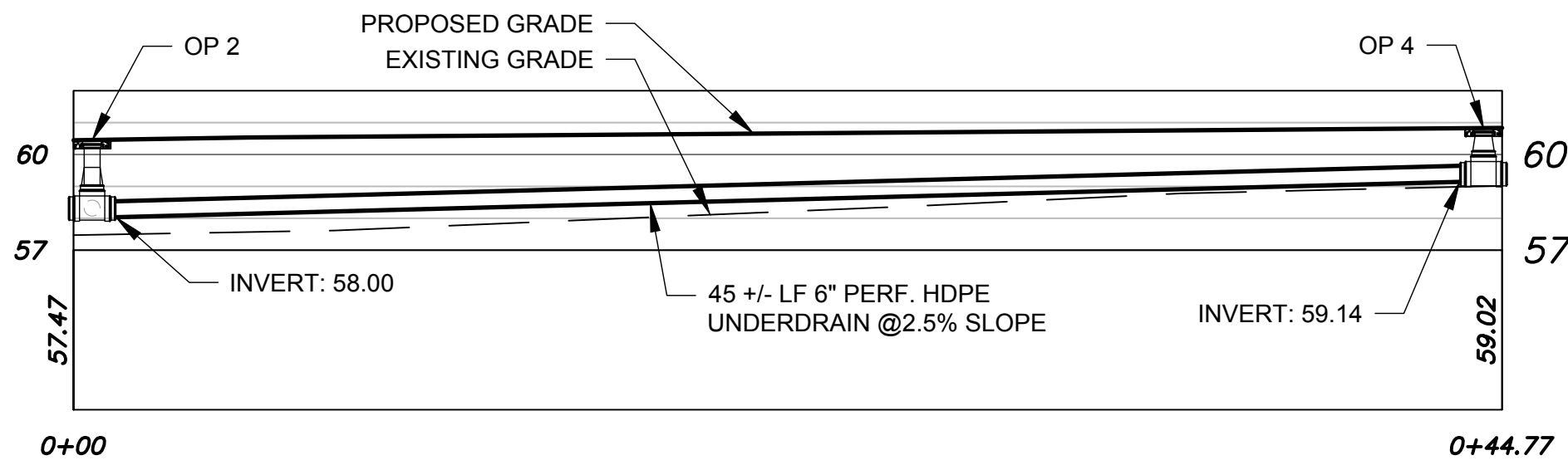
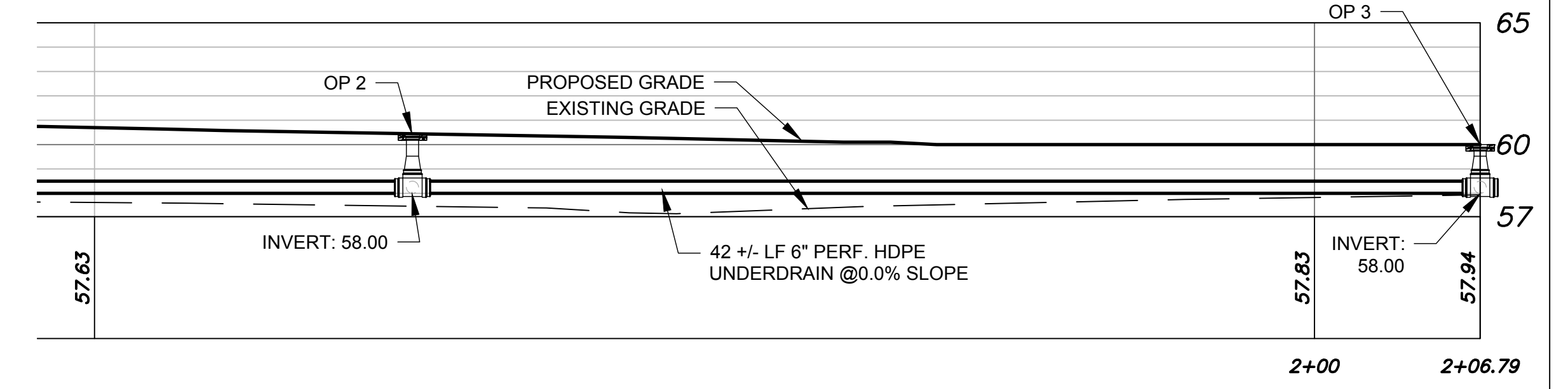
Sheet Title
SECTION-ELEVATIONS

Sheet No.
C-202

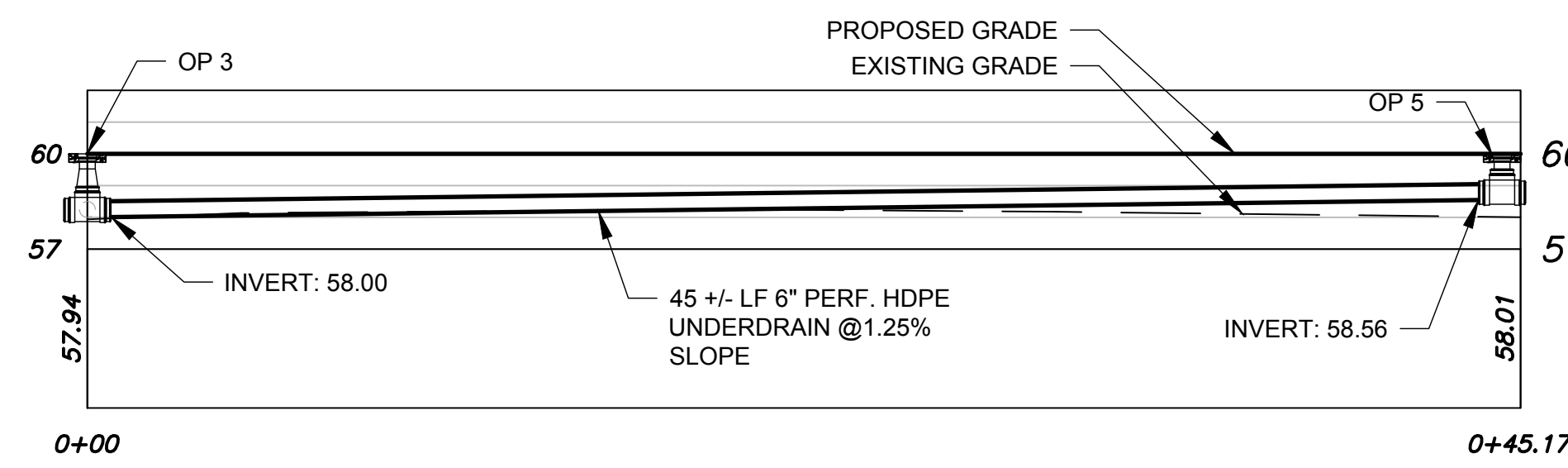
CONCEPT DEVELOPMENT



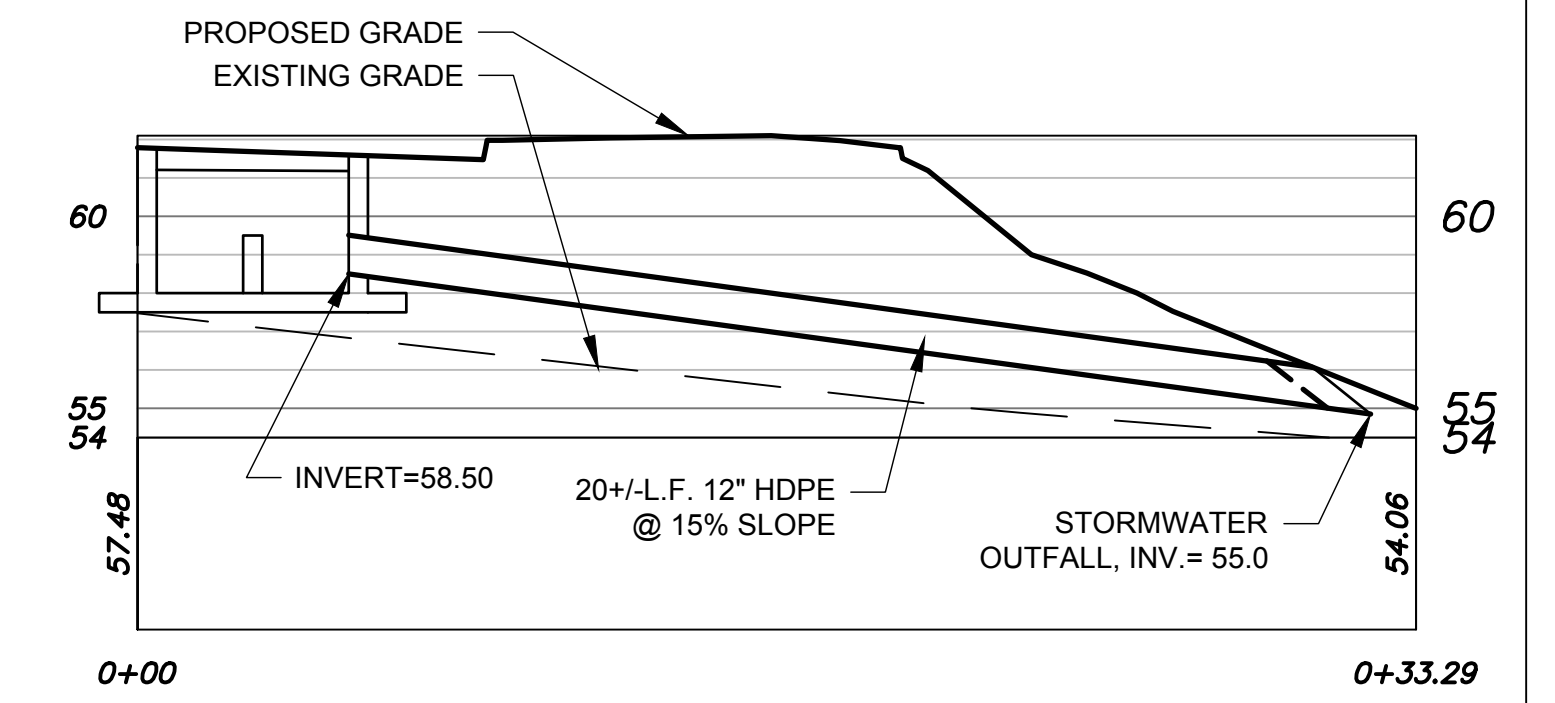
OP 1 TO OP 3
Horizontal Scale: 1" = 5'
Vertical Scale: 1" = 5'



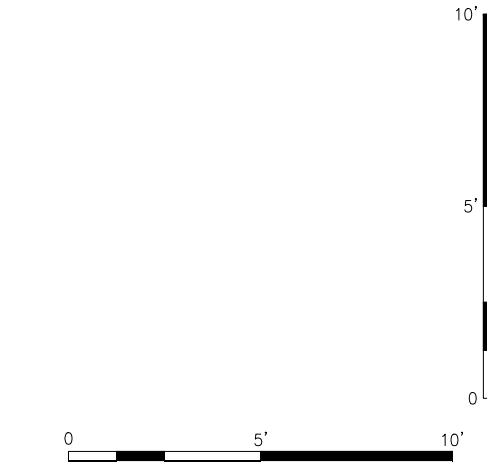
OP 2 TO OP 4
Horizontal Scale: 1" = 5'
Vertical Scale: 1" = 5'



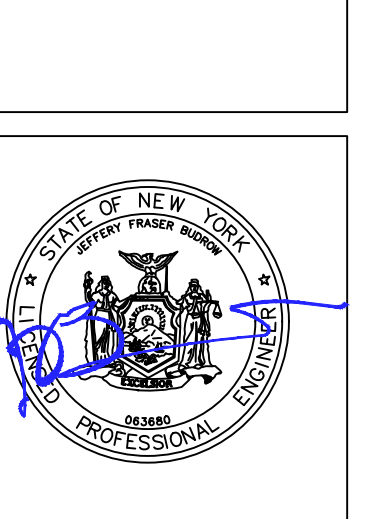
OP 3 TO OP 5
Horizontal Scale: 1" = 5'
Vertical Scale: 1" = 5'



DIVERSION MANHOLE TO STORMWATER OUTFALL
Horizontal Scale: 1" = 5'
Vertical Scale: 1" = 5'



**CAPITAL REPERTORY THEATRE OVERFLOW PARKING LOT
- NINE DRAGONS SITE -
329 N. Pearl Street, Albany, NY 12207**

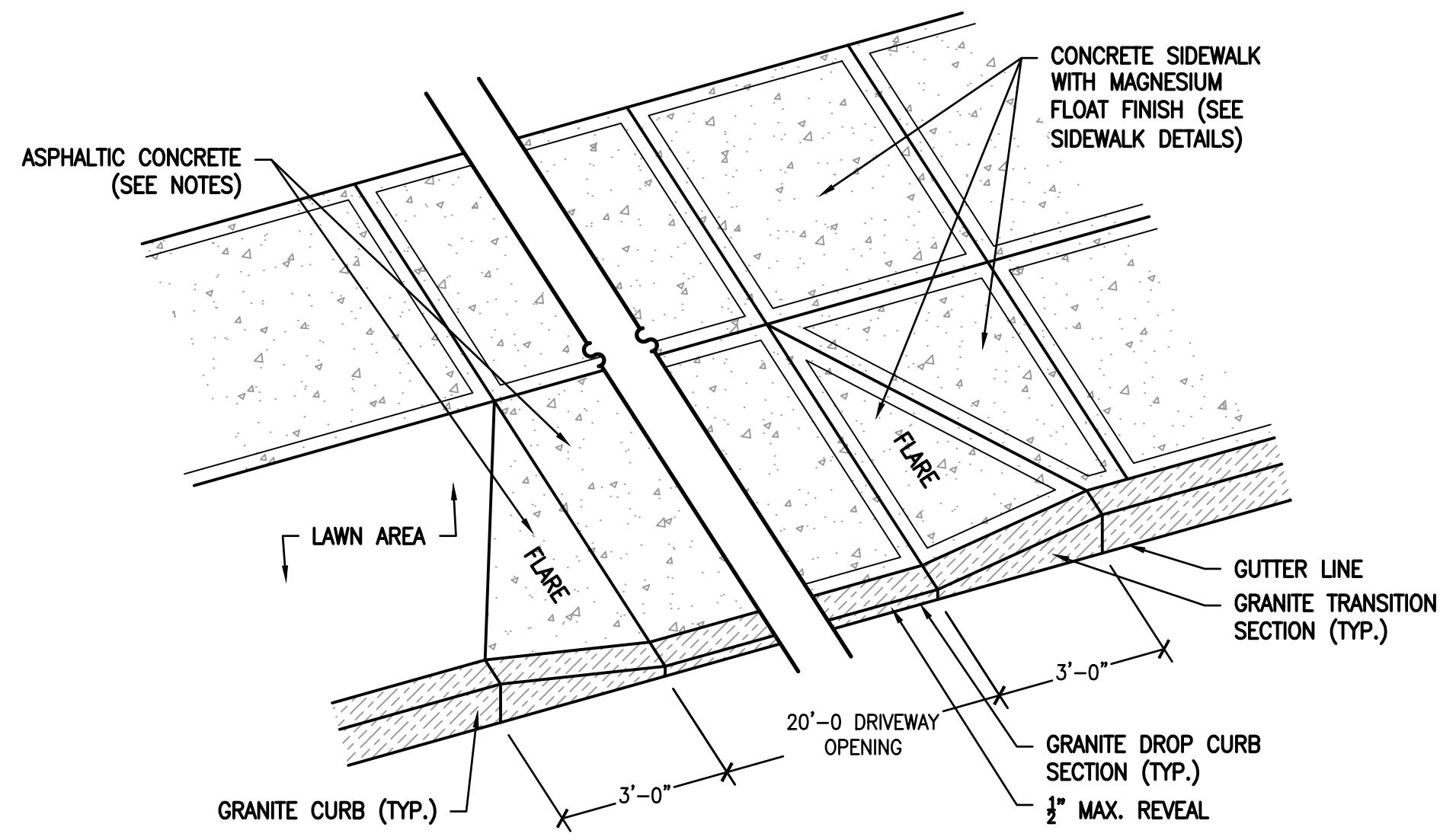


NO.	DATE	DESCRIPTION
1		

Drawn By: ALM
Checked By: KSK/JFB
Proj.# N28056
CSArch Project # 710-1901
Issued for Review: AUGUST 13, 2021

Sheet Title
UTILITY PROFILES

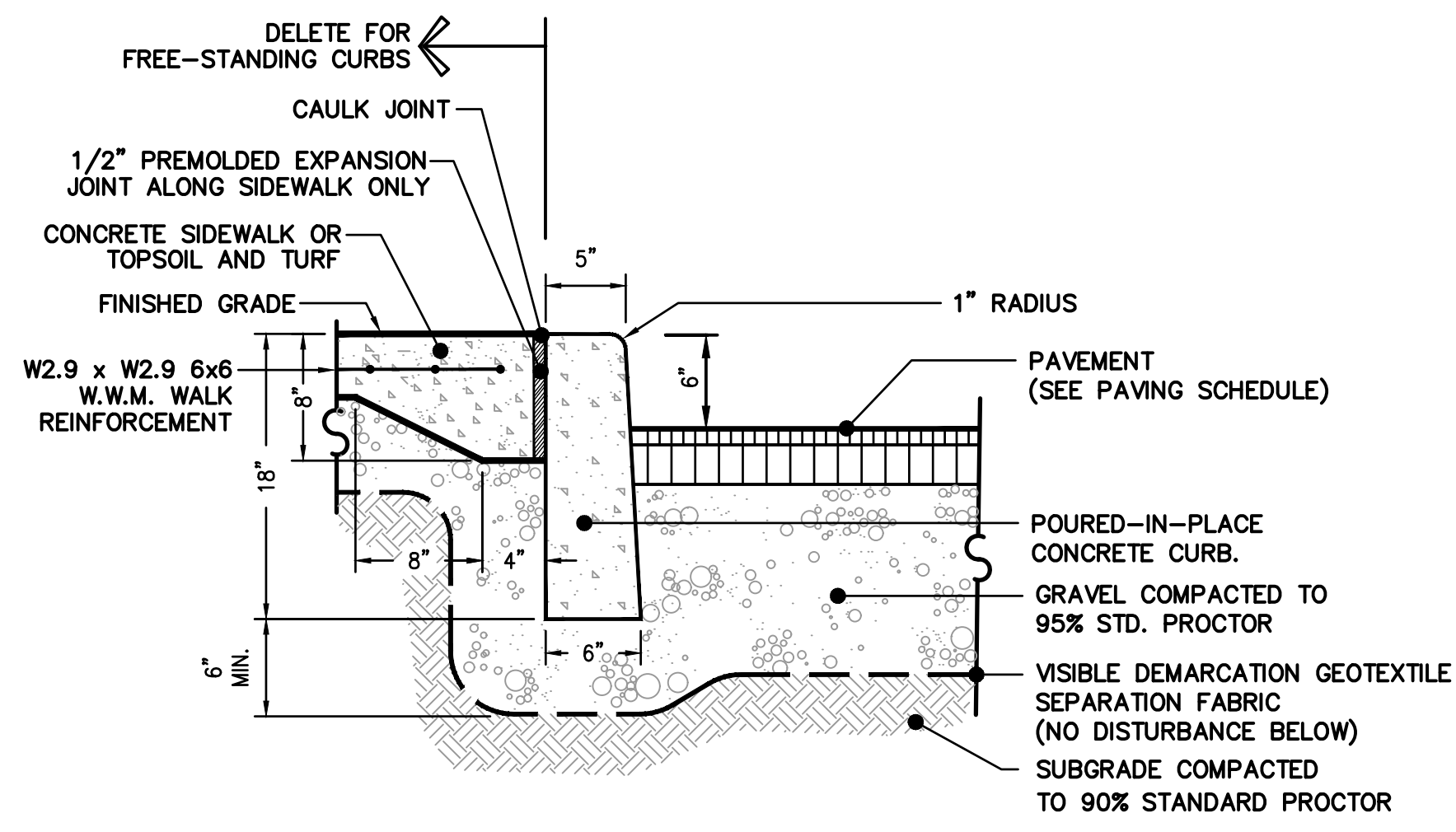
Sheet No.
C-203
CONCEPT DEVELOPMENT



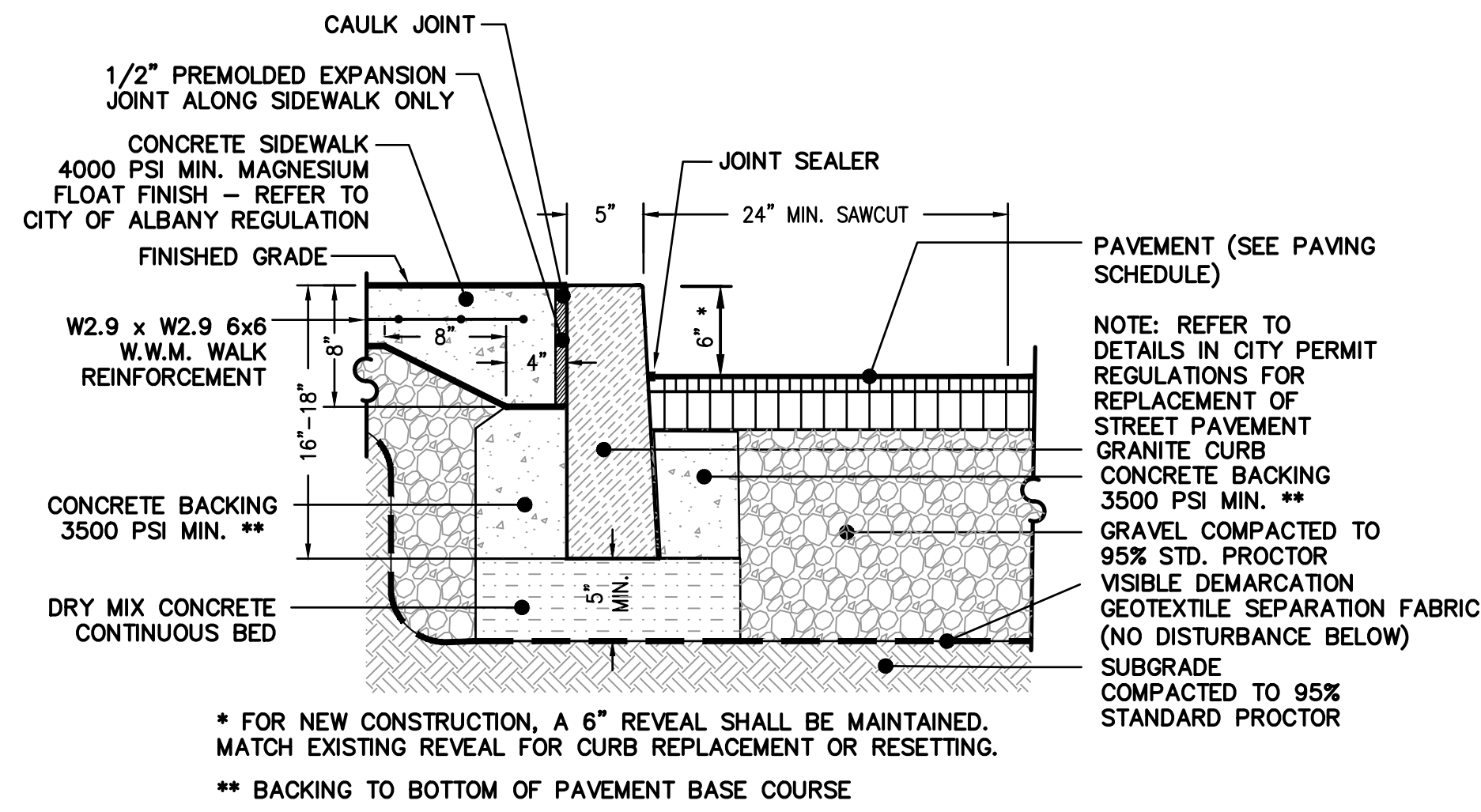
AREAS WITH SIDEWALK NOT ADJACENT TO CURB

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

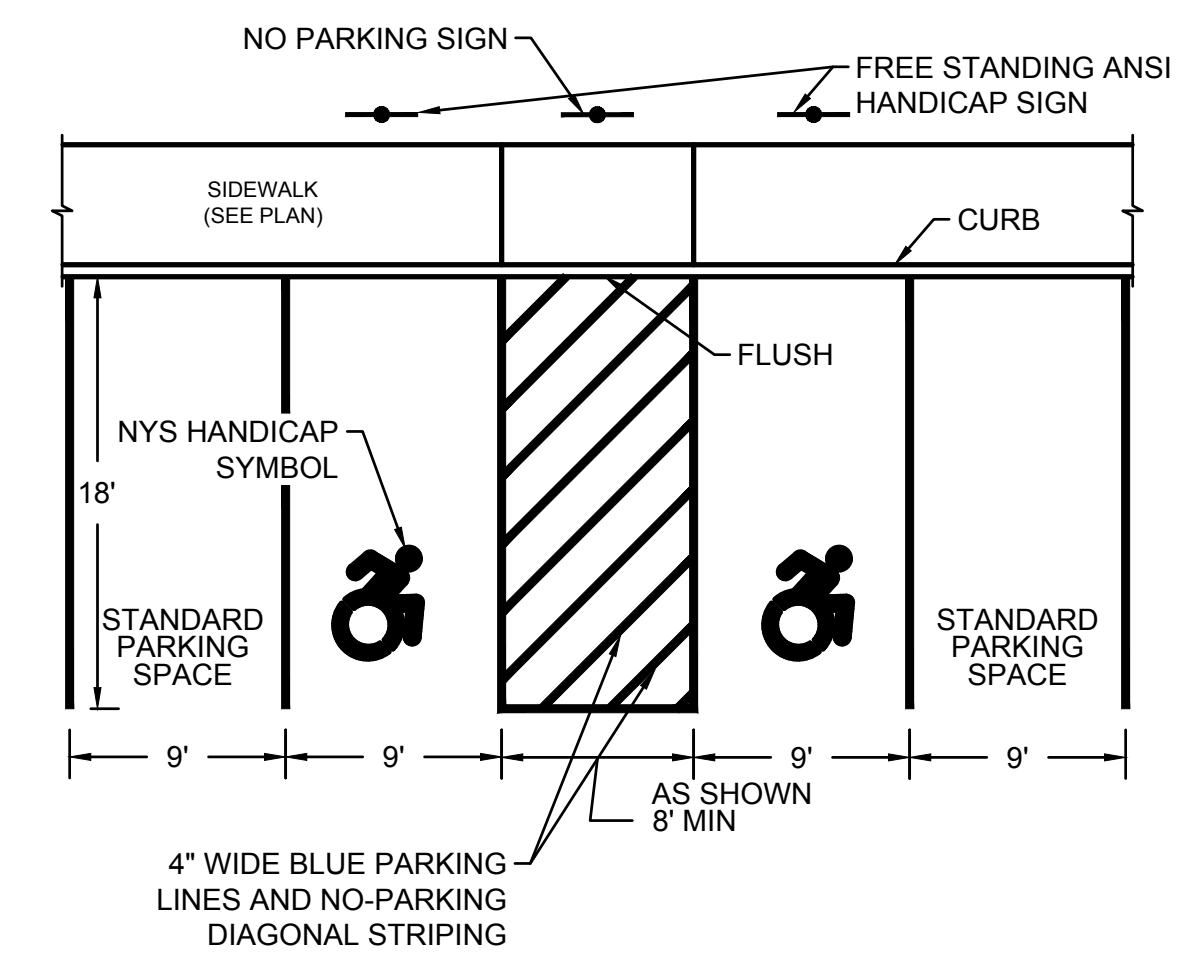
1 DRIVEWAY APRON
SCALE: N.T.S.



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



3 GRANITE CURB
SCALE: N.T.S.



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

NOTES:

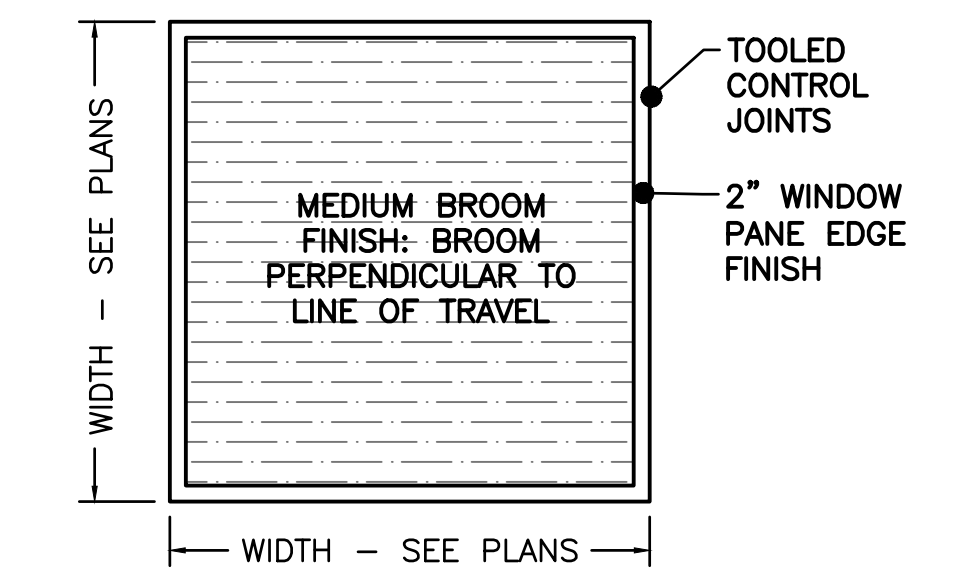
- EXCAVATE TO INDICATED ELEVATIONS AND DIMENSIONS WITHIN A TOLERANCE OF PLUS OR MINUS 1 INCH. EXTEND EXCAVATIONS A SUFFICIENT DISTANCE FROM STRUCTURES FOR PLACING AND REMOVING CONCRETE FORM WORK, FOR INSTALLING SERVICES AND OTHER CONSTRUCTION, AND FOR INSPECTIONS.
- EXCAVATE TRENCHES TO INDICATED GRADIENTS, 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. NYSOT 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>

- 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.

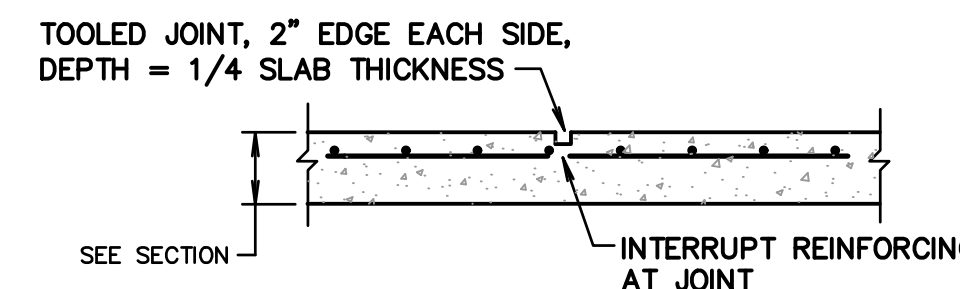
ALL WORK SHALL BE INSPECTED AND APPROVED BY THE CITY OF ALBANY

5 PAVING SCHEDULE
SCALE: N.T.S.

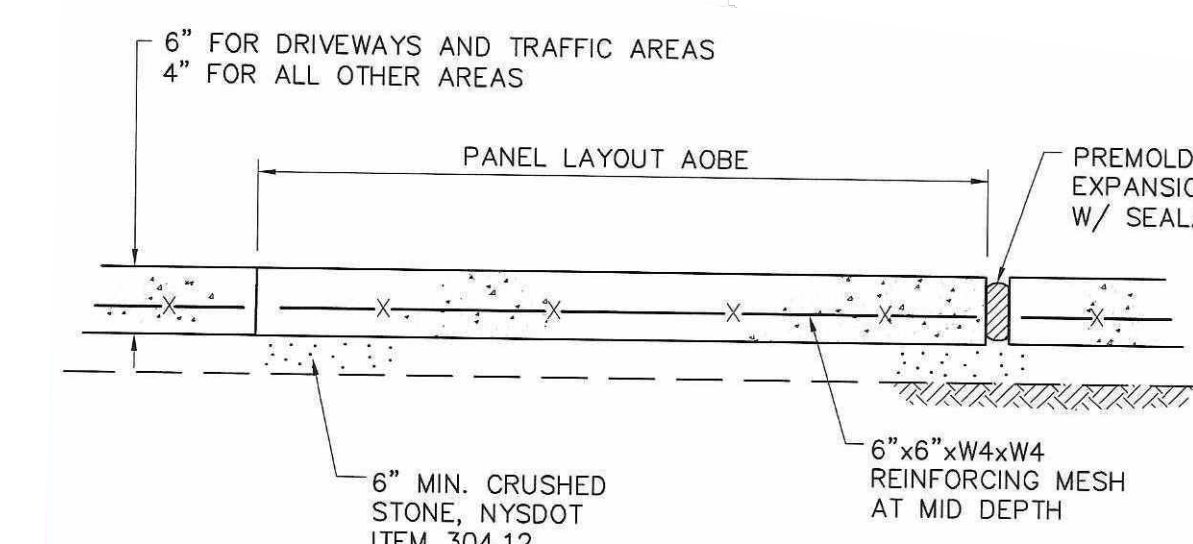


- NOTES:
- SEE PLANS FOR LOCATION AND TYPE OF SCORE JOINTS.
 - BROOM PERPENDICULAR TO LINE OF TRAVEL.
 - 2" WINDOW PANE EDGE FINISH.
 - DOUBLE COAT OF PENETRA-SIL 244" SEALER TO BE APPLIED TO ALL NEW CONCRETE SURFACES.

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

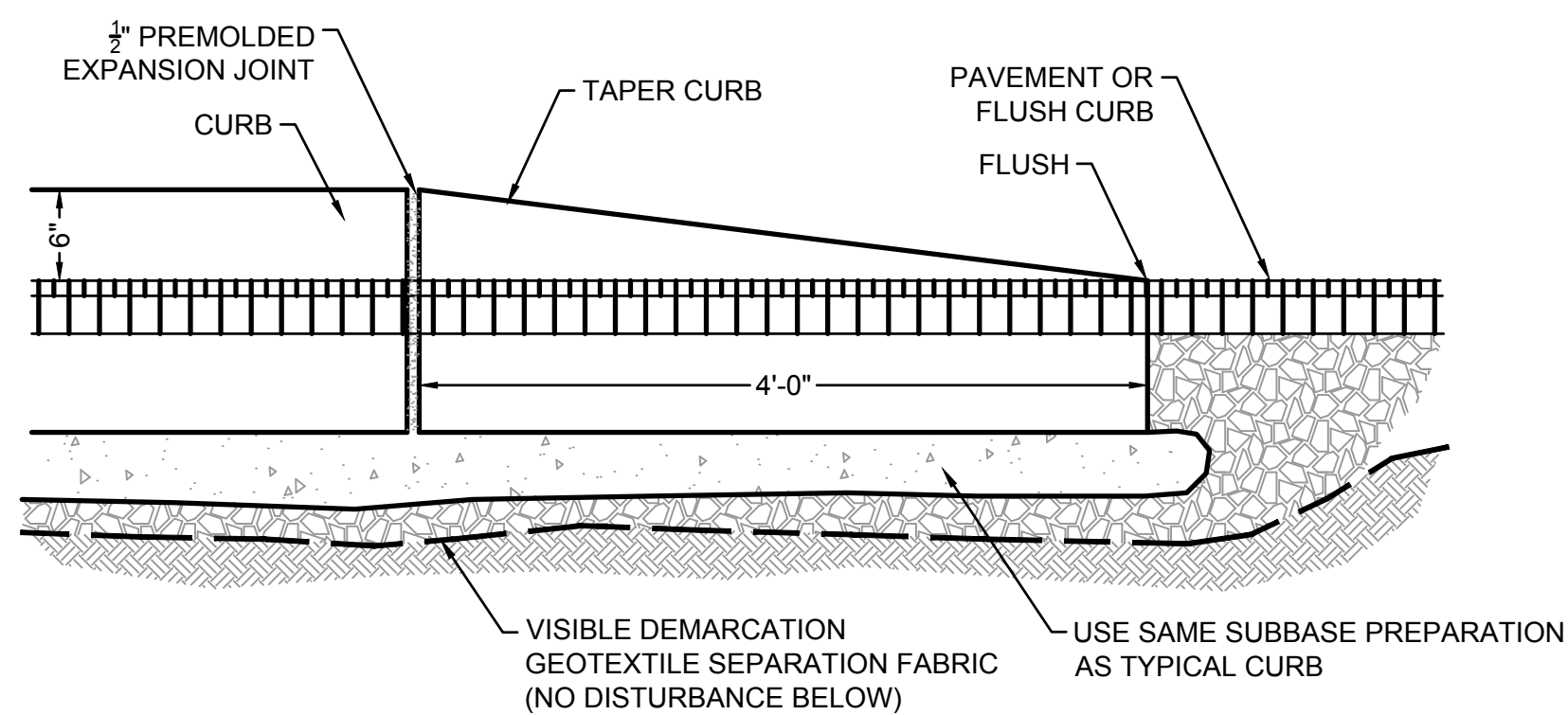


7 CONCRETE CONTROL JOINT
SCALE: N.T.S.



- 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.

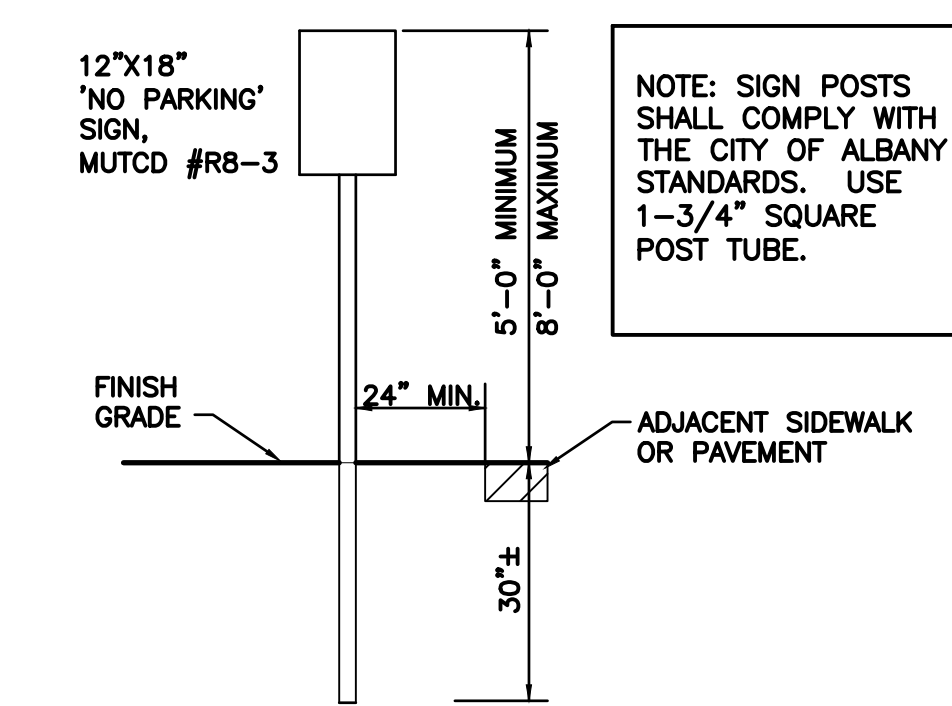
8 SIDEWALK INSTALLATION
SCALE: N.T.S.



9 TAPERED CURB
SCALE: N.T.S.

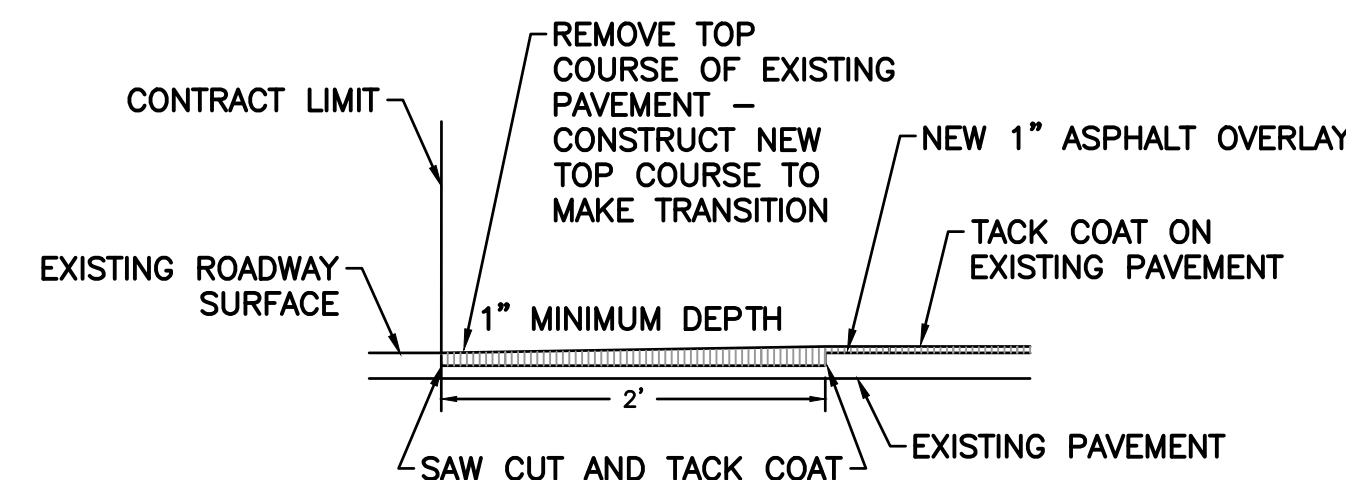
SIGN SCHEDULE						
TEXT NO.	TEXT	SIZE	NATIONAL MUTCD NO.	TYPE OF MOUNTING	QUANT.	REMARKS
(a)	PARKING	12" x 18"	R7-8	POST	2	SET AT 5' ABOVE GRADE
(b)	NO PARKING	12" x 18"	R8-3	POST	1	SET AT 5' ABOVE GRADE
(c)	STOP	30" x 30"	R1-1	POST	1	SET AT 6' ABOVE GRADE
(d)	PRIVATE LOT PARKING BY PERMIT ONLY	24"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

10 SIGN SCHEDULE
SCALE: N.T.S.

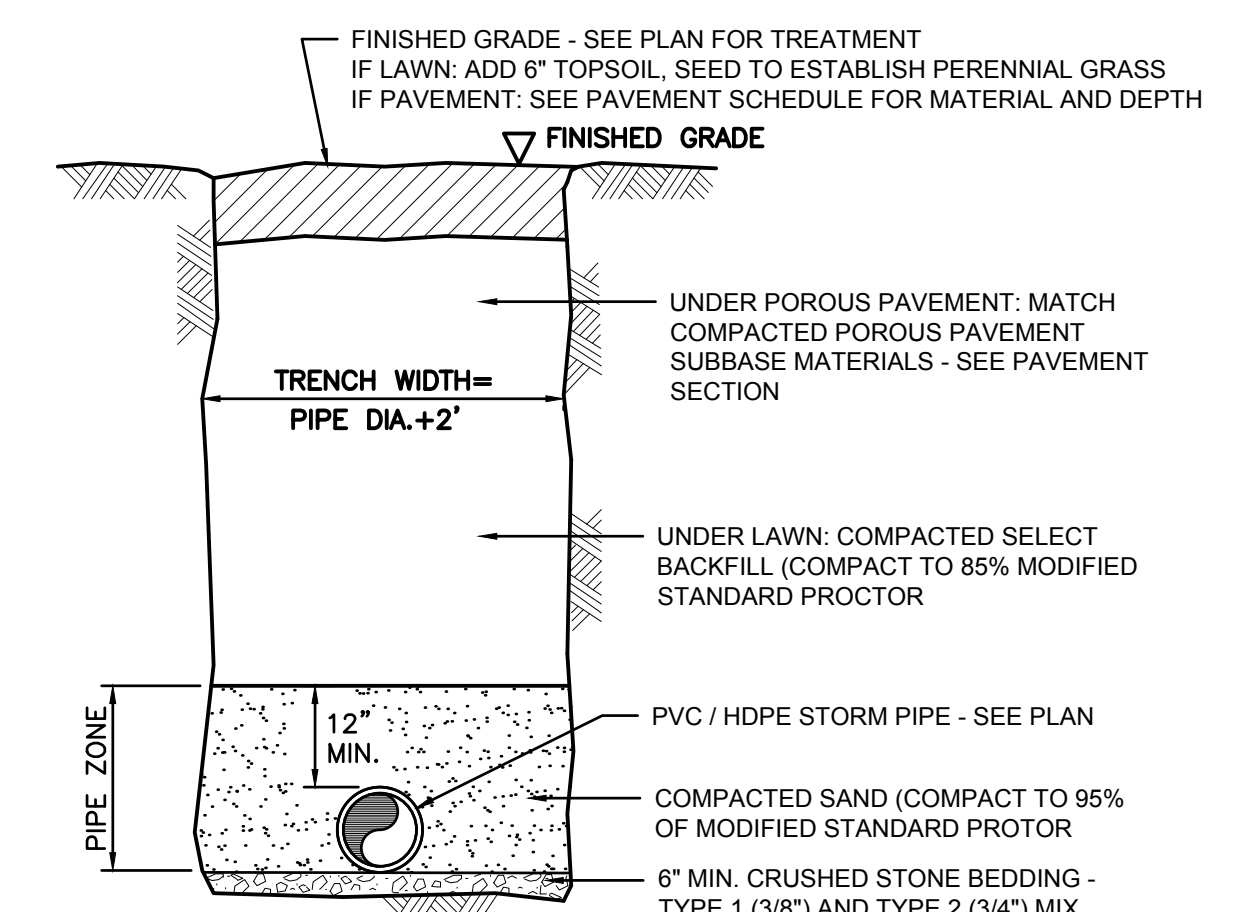


ALL SIGNAGE SHALL BE NEW AND CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)

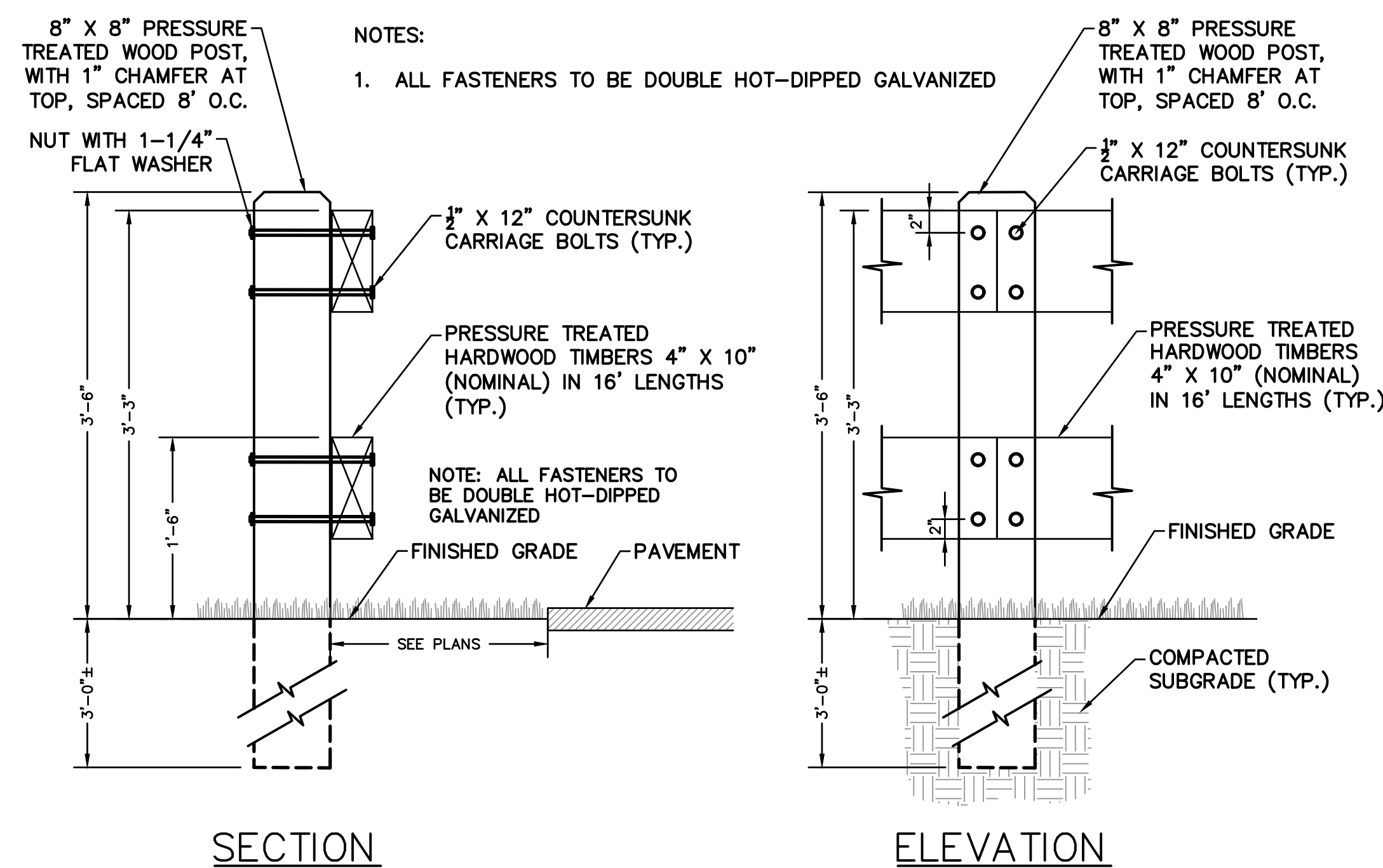
11 SIGN POST
SCALE: N.T.S.



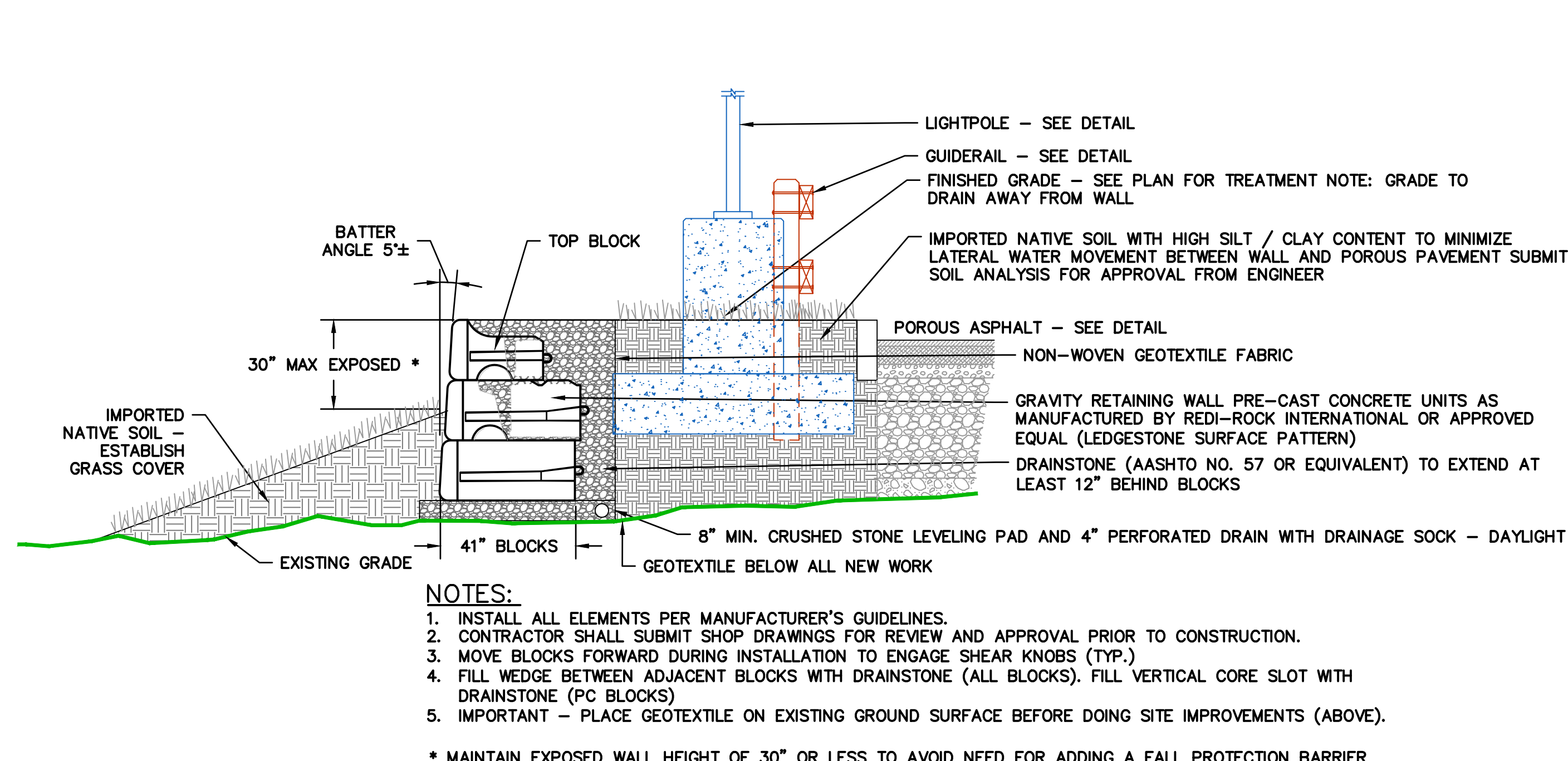
12 ASPHALT KEYWAY
SCALE: N.T.S.



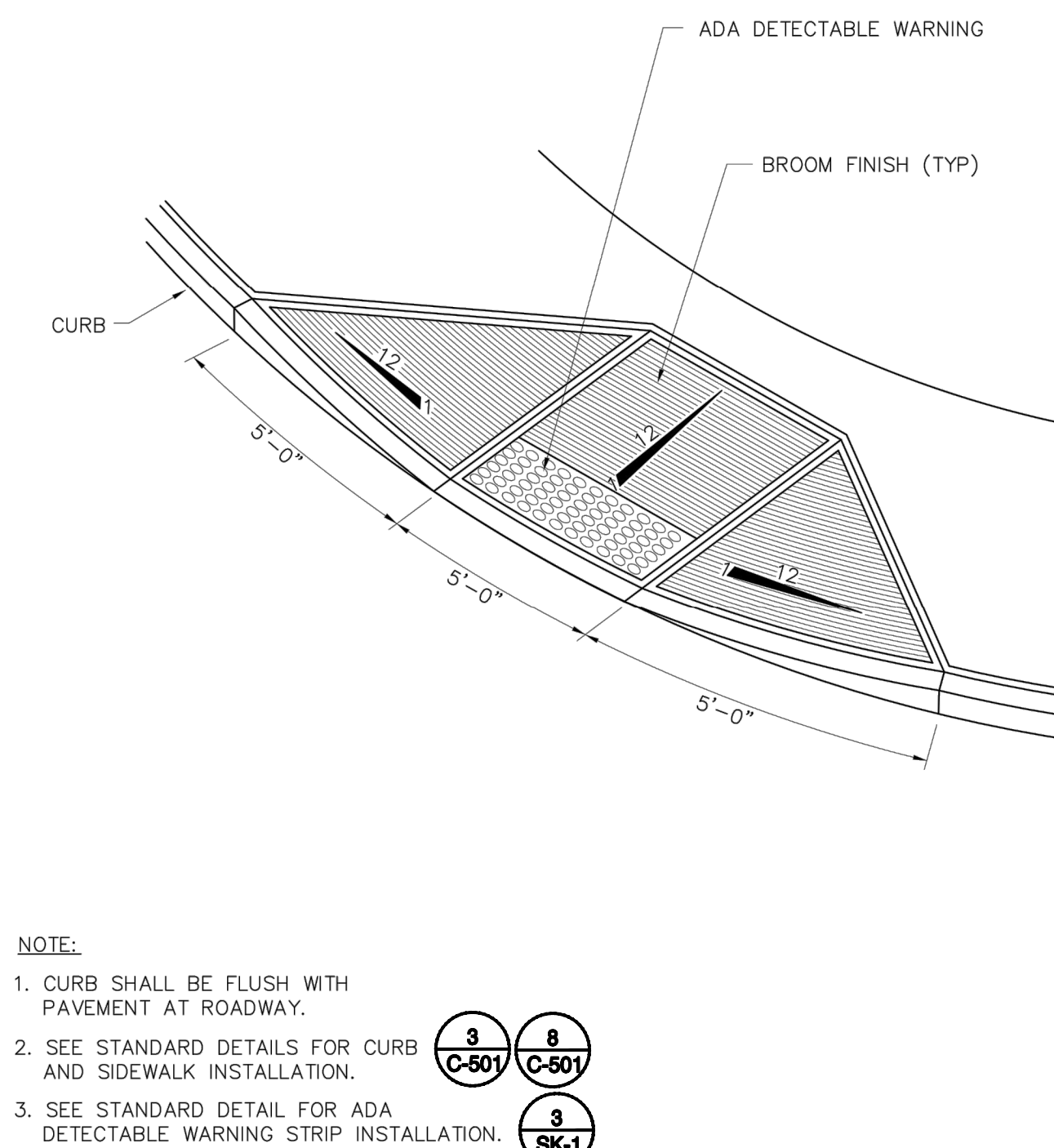
13 TRENCH DETAIL - STORM
SCALE: N.T.S.



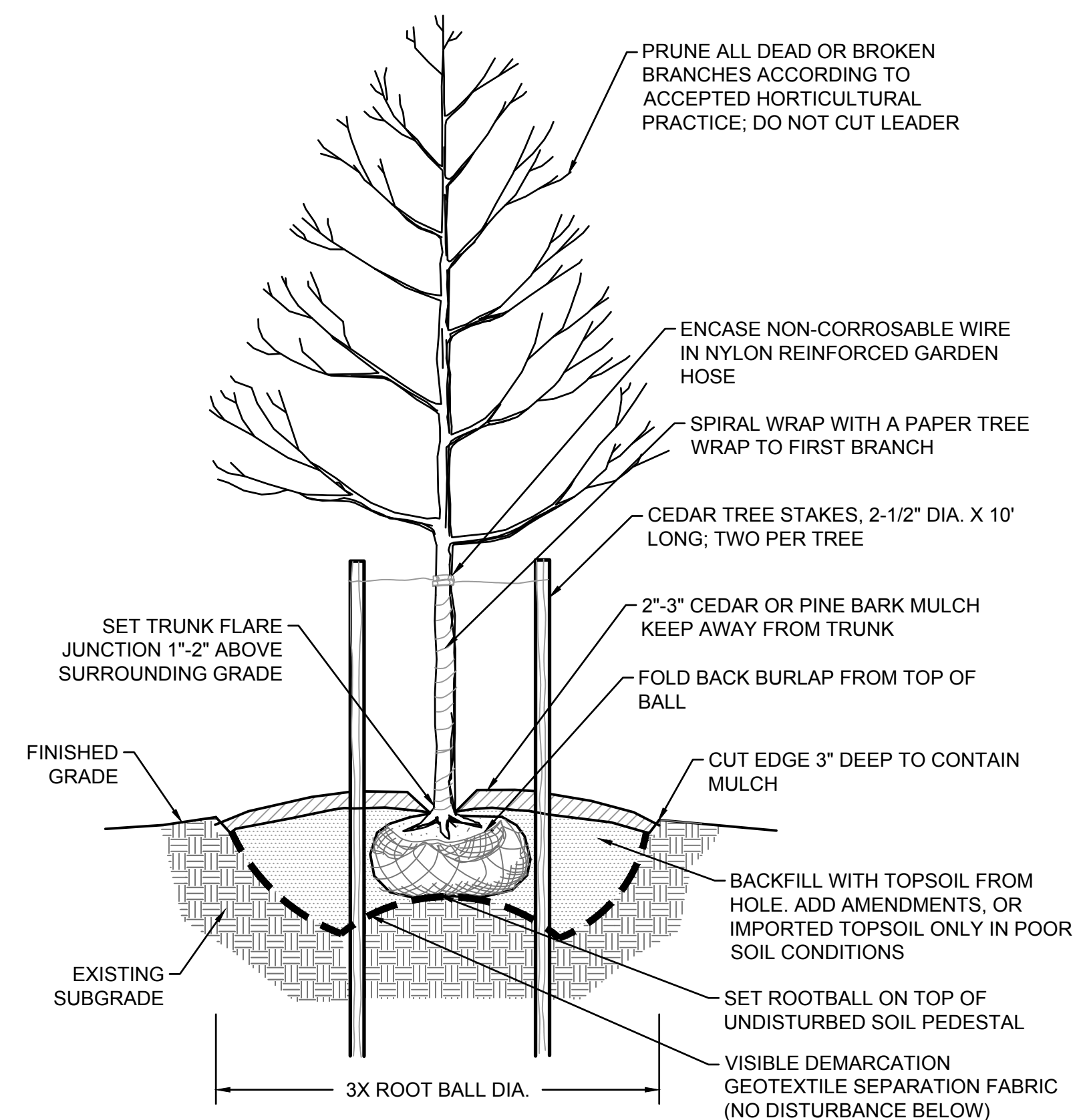
1 GUIDE RAIL
SCALE: N.T.S.



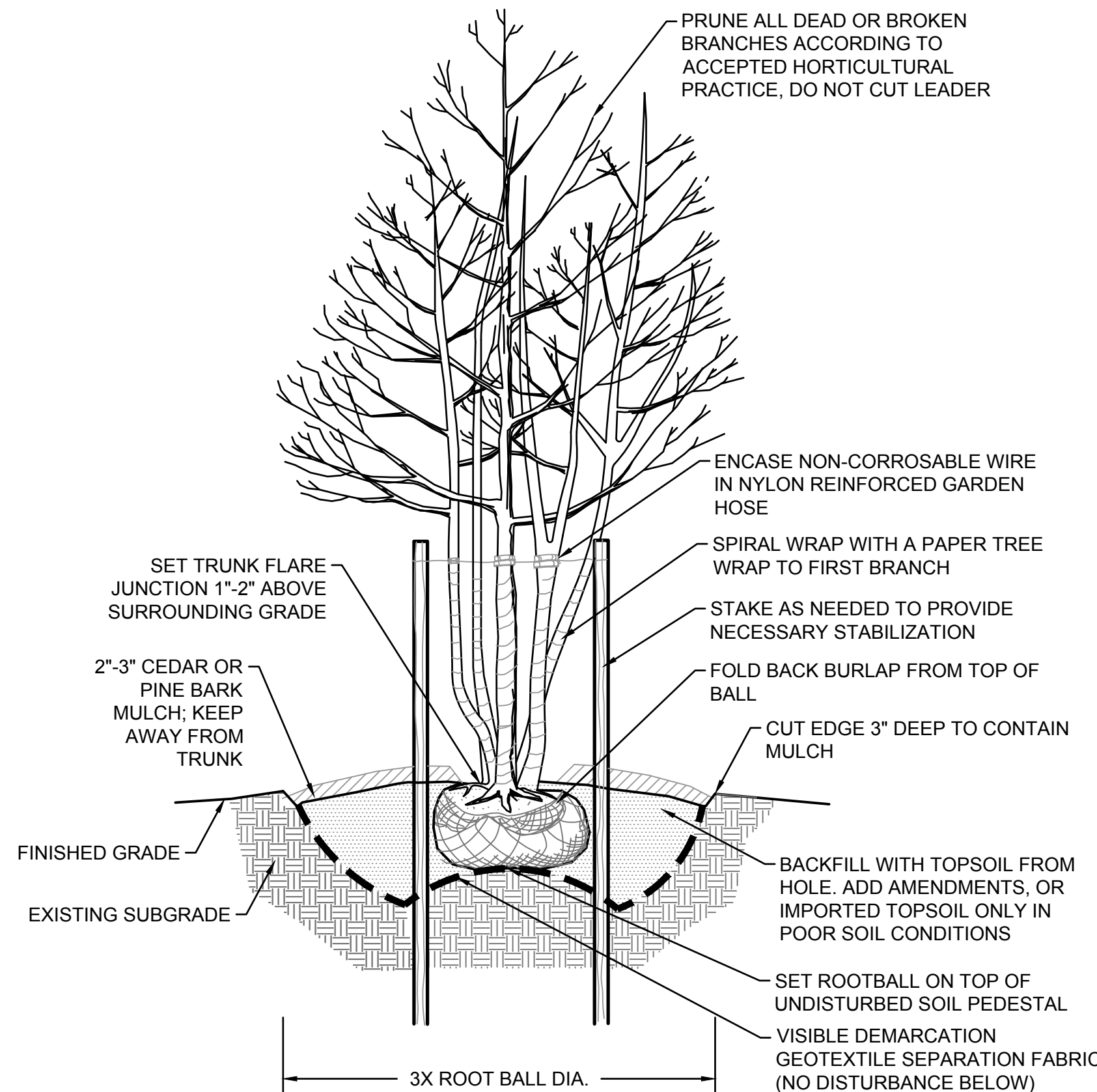
2 GRAVITY RETAINING WALL
SCALE: N.T.S.



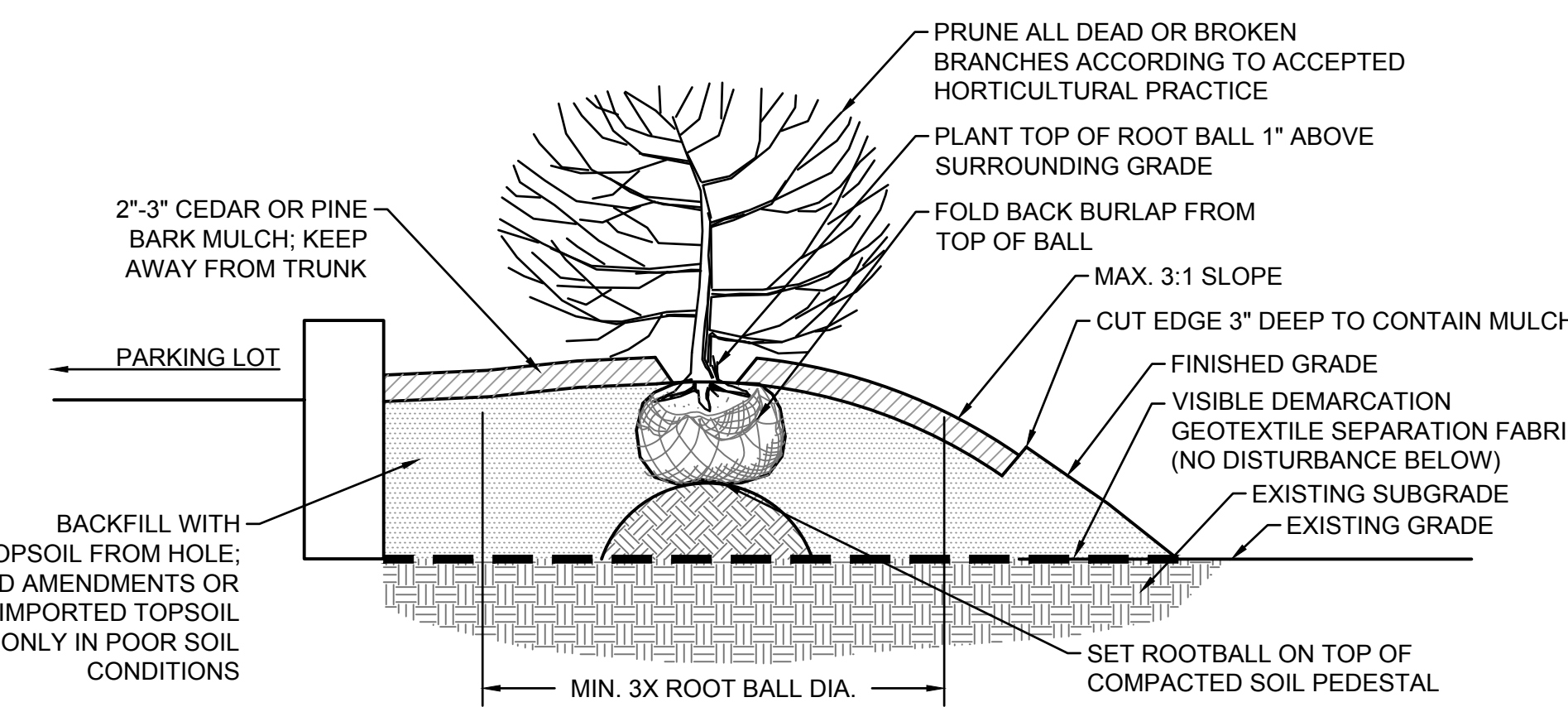
3 SIDEWALK RAMP AT STREET CORNER DETAIL
SCALE: N.T.S.



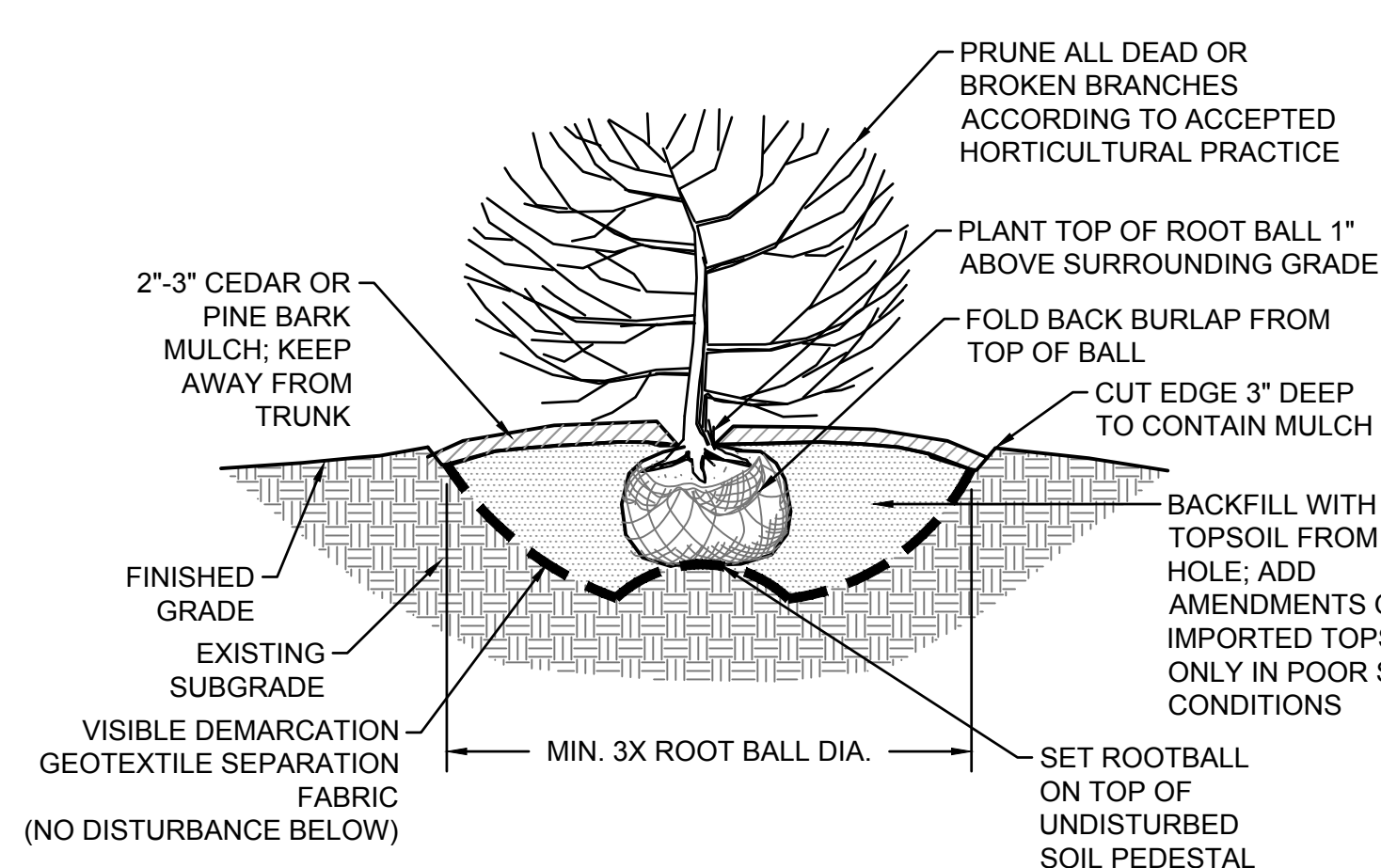
4 DECIDUOUS TREE PLANTING
SCALE: N.T.S.



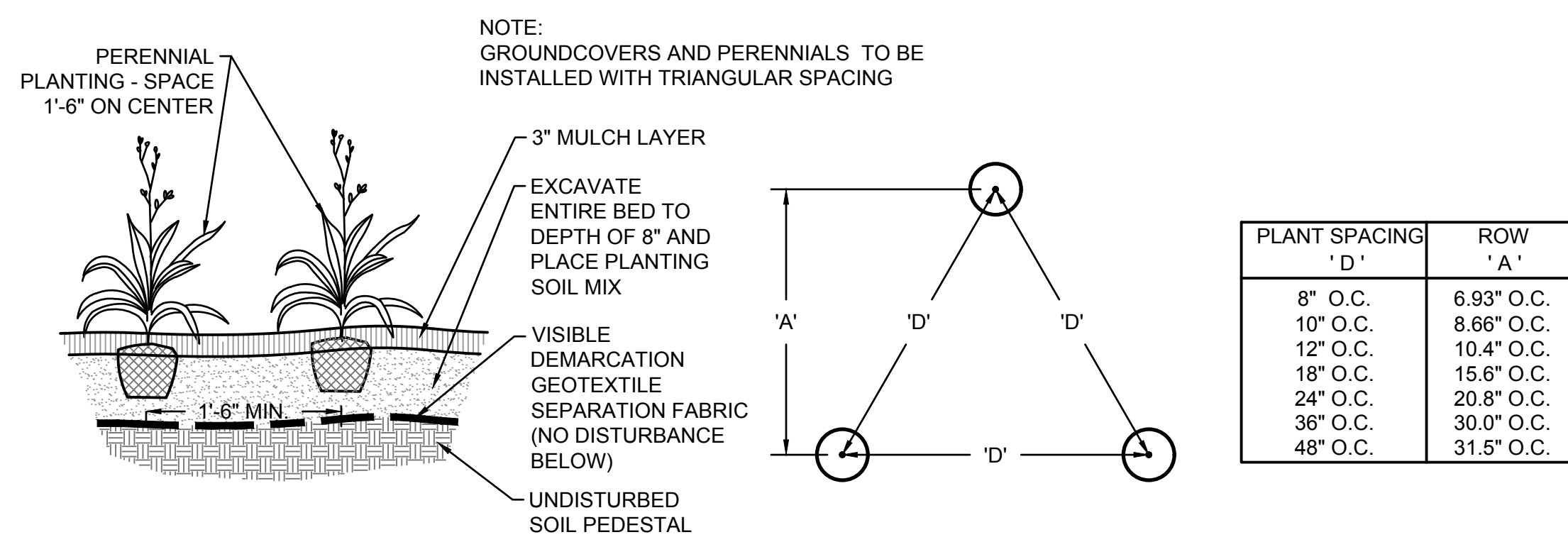
5 ORNAMENTAL TREE PLANTING
SCALE: N.T.S.



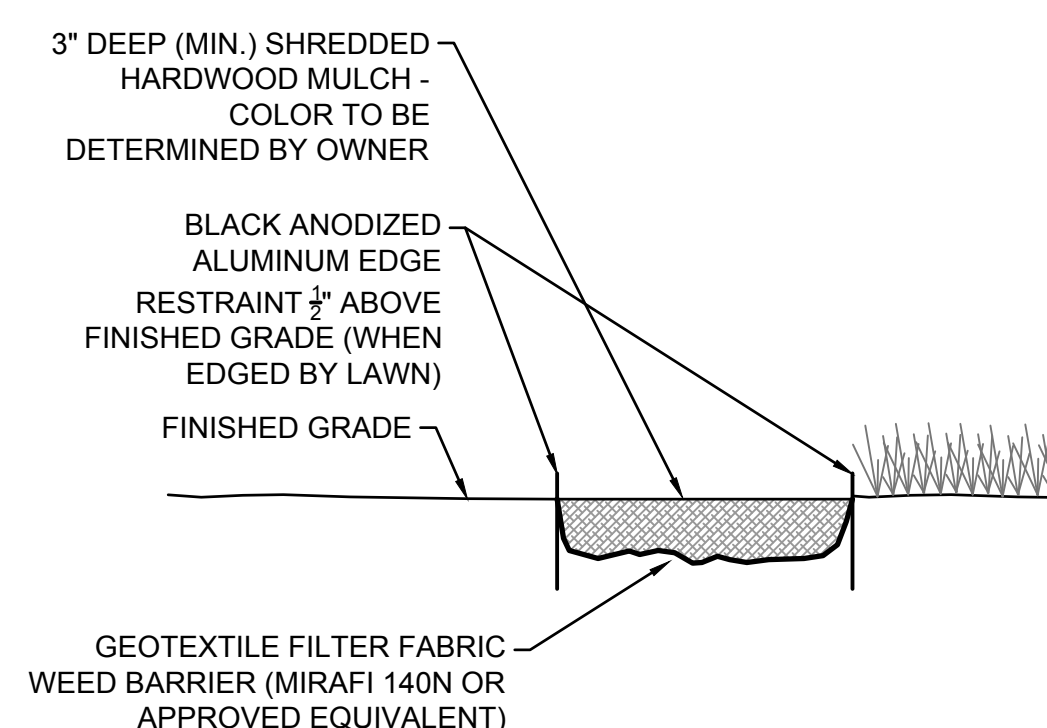
6 SHRUB ON BERM PLANTING
SCALE: N.T.S.



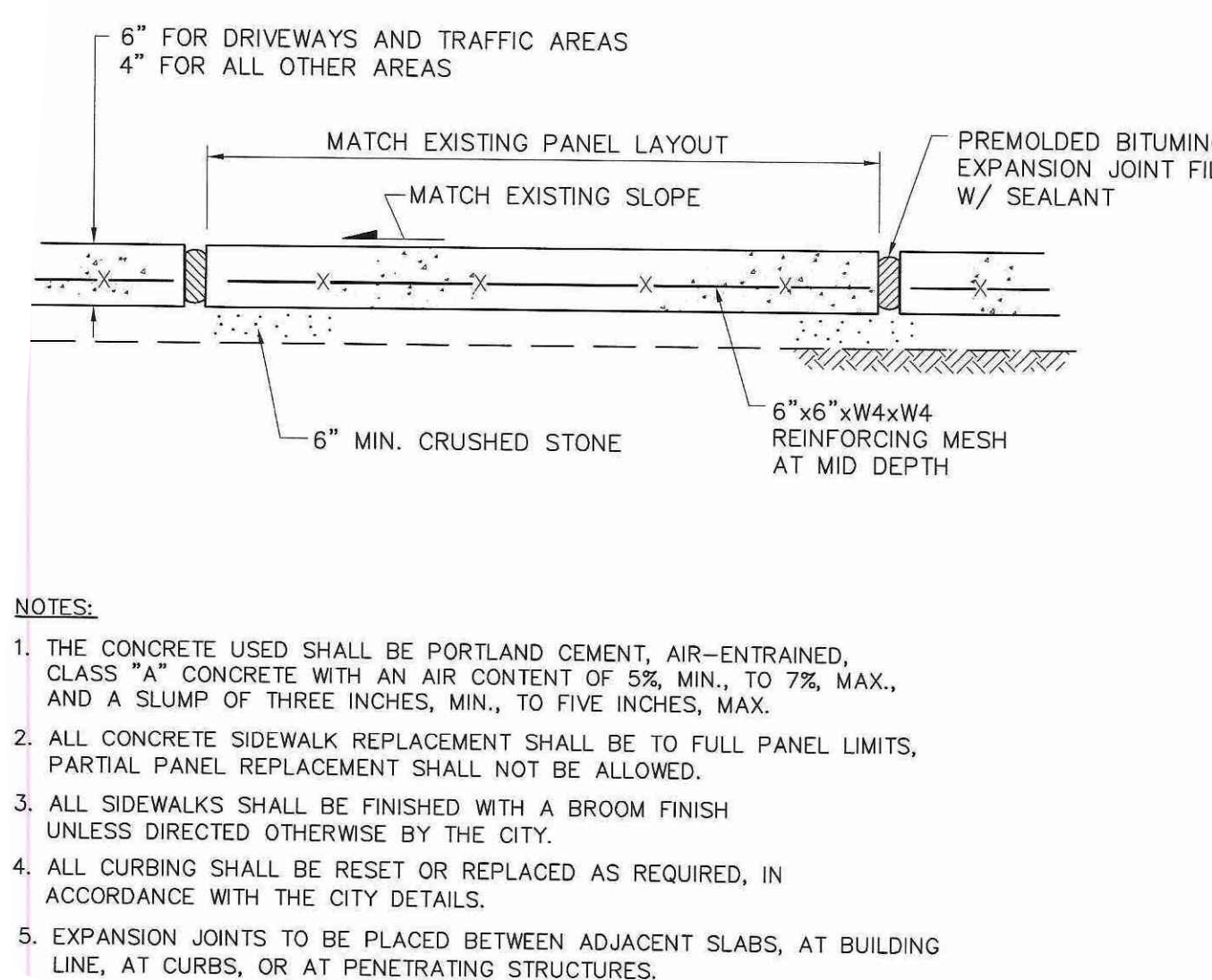
7 SHRUB PLANTING
SCALE: N.T.S.



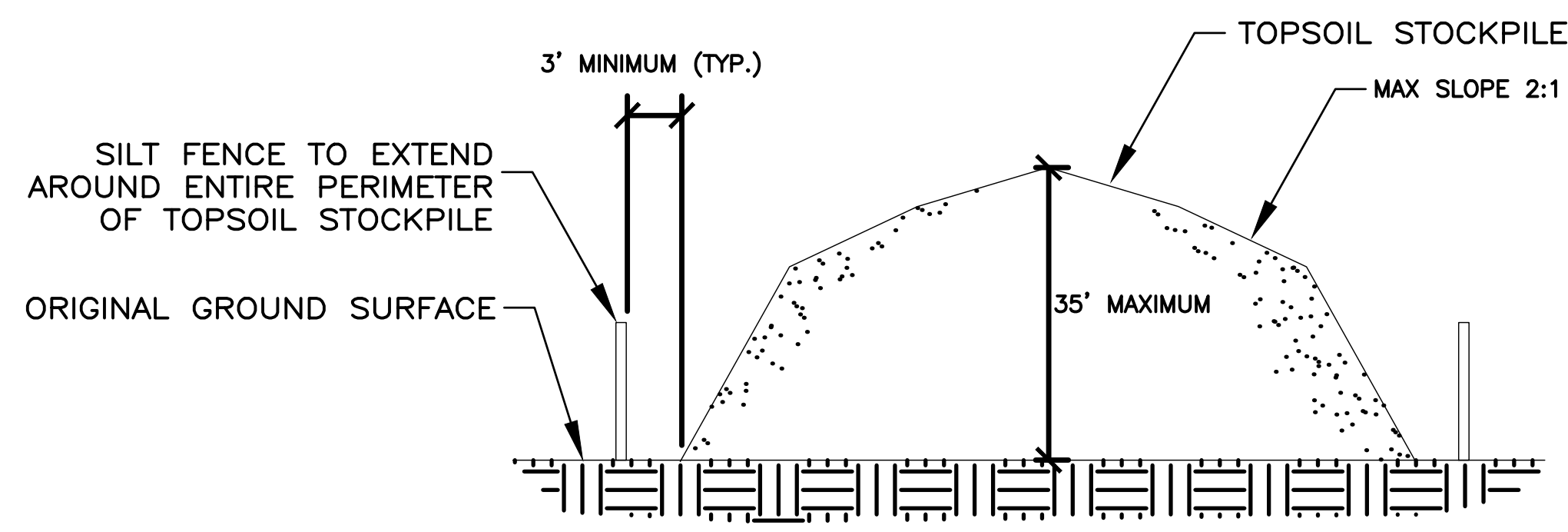
8 GROUNDCOVER - PERENNIAL PLANTING
SCALE: N.T.S.



9 MULCH DETAIL
SCALE: N.T.S.



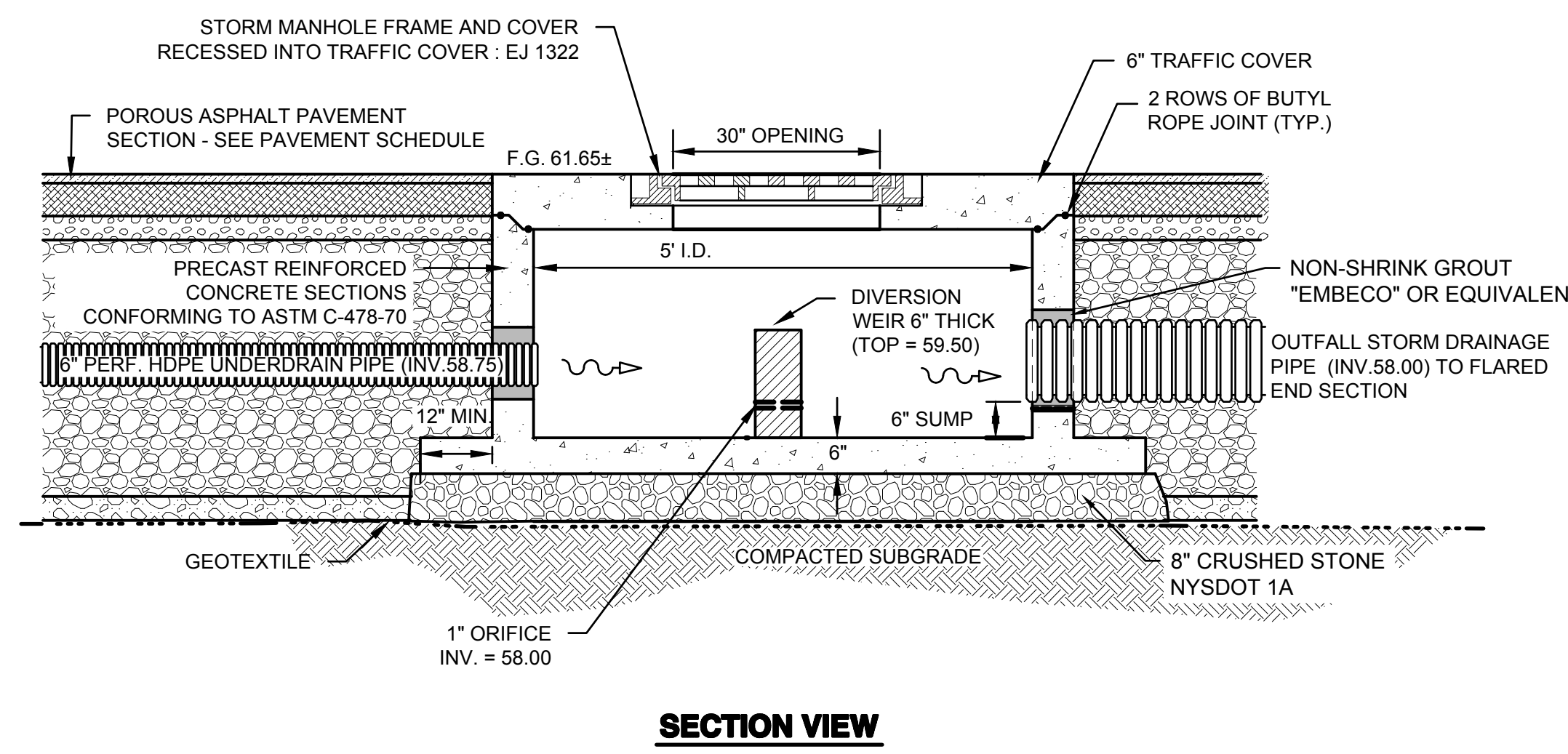
10 SIDEWALK REPLACEMENT DETAIL
SCALE: N.T.S.



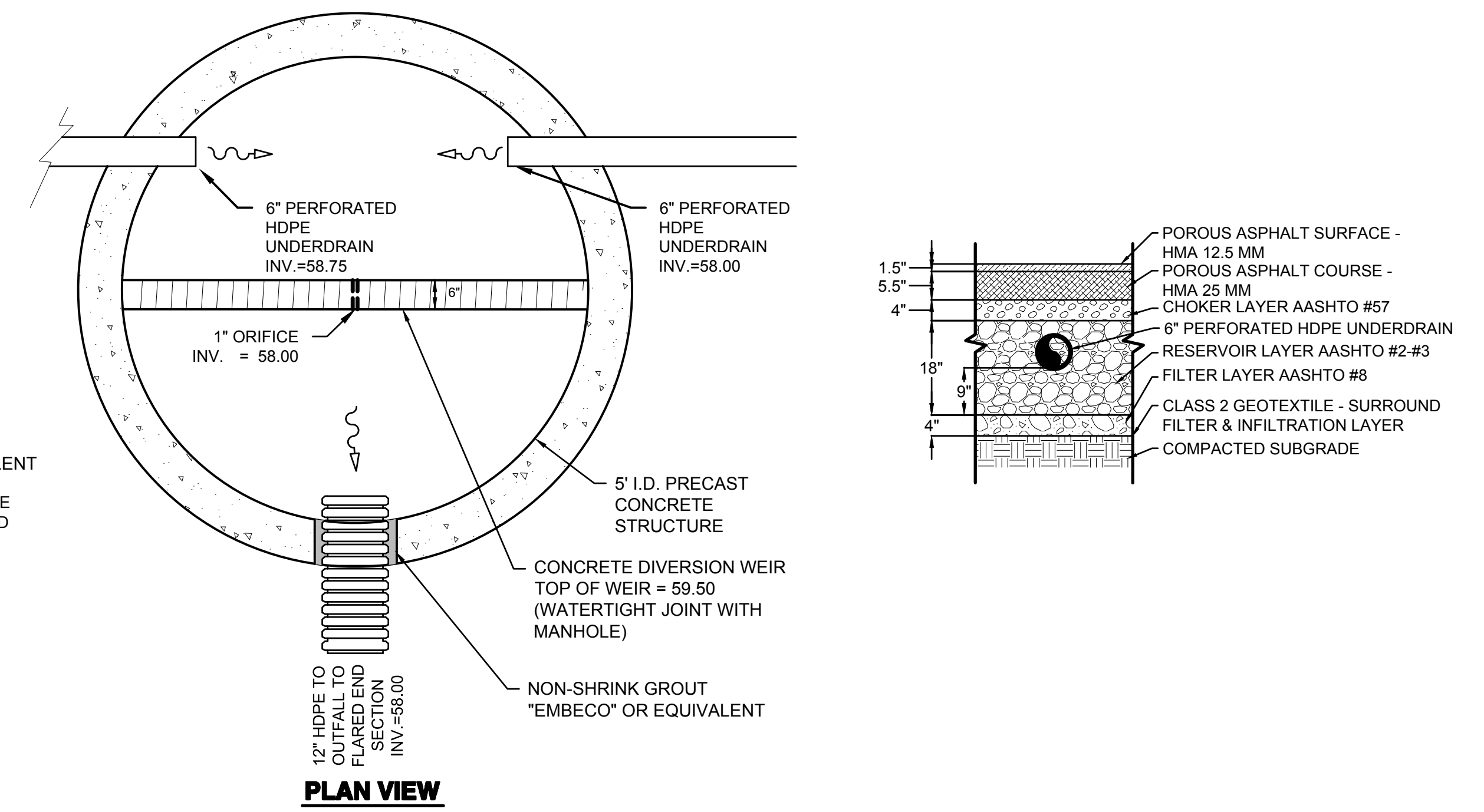
NOTES:

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.

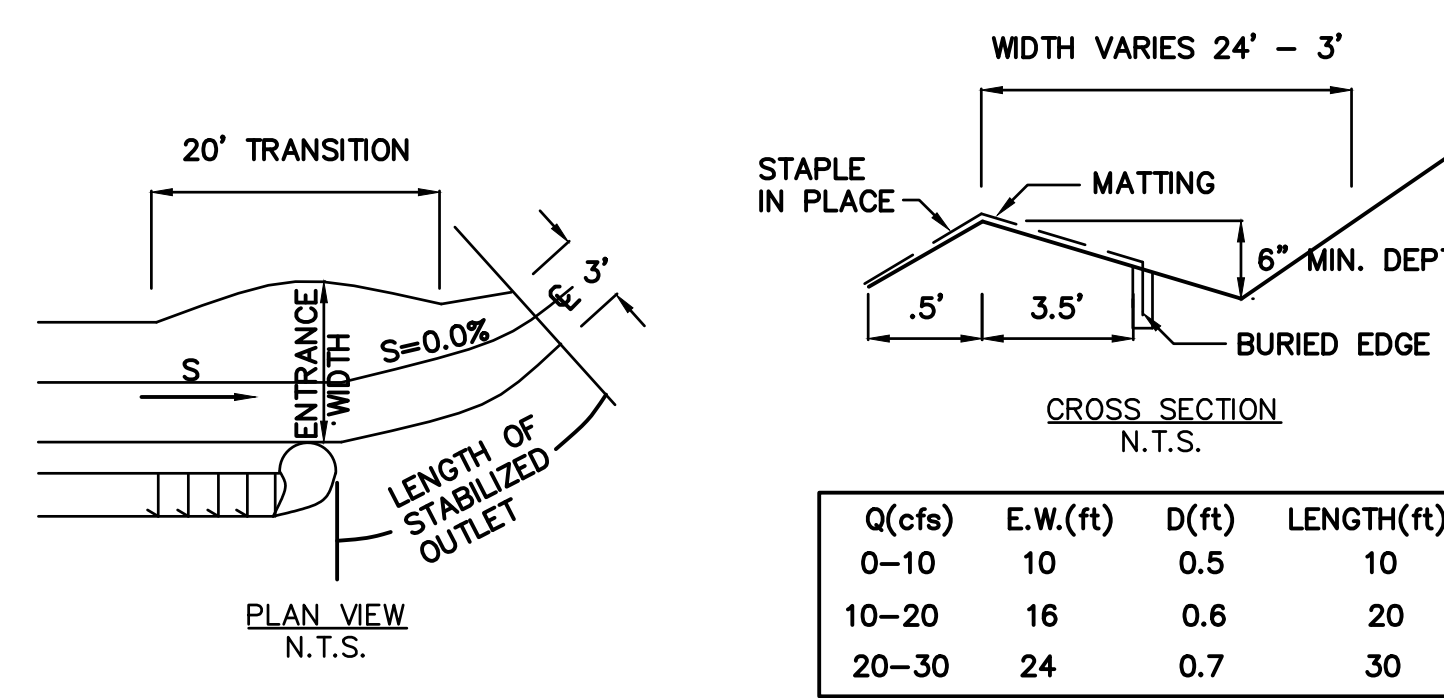


SECTION VIEW



PLAN VIEW

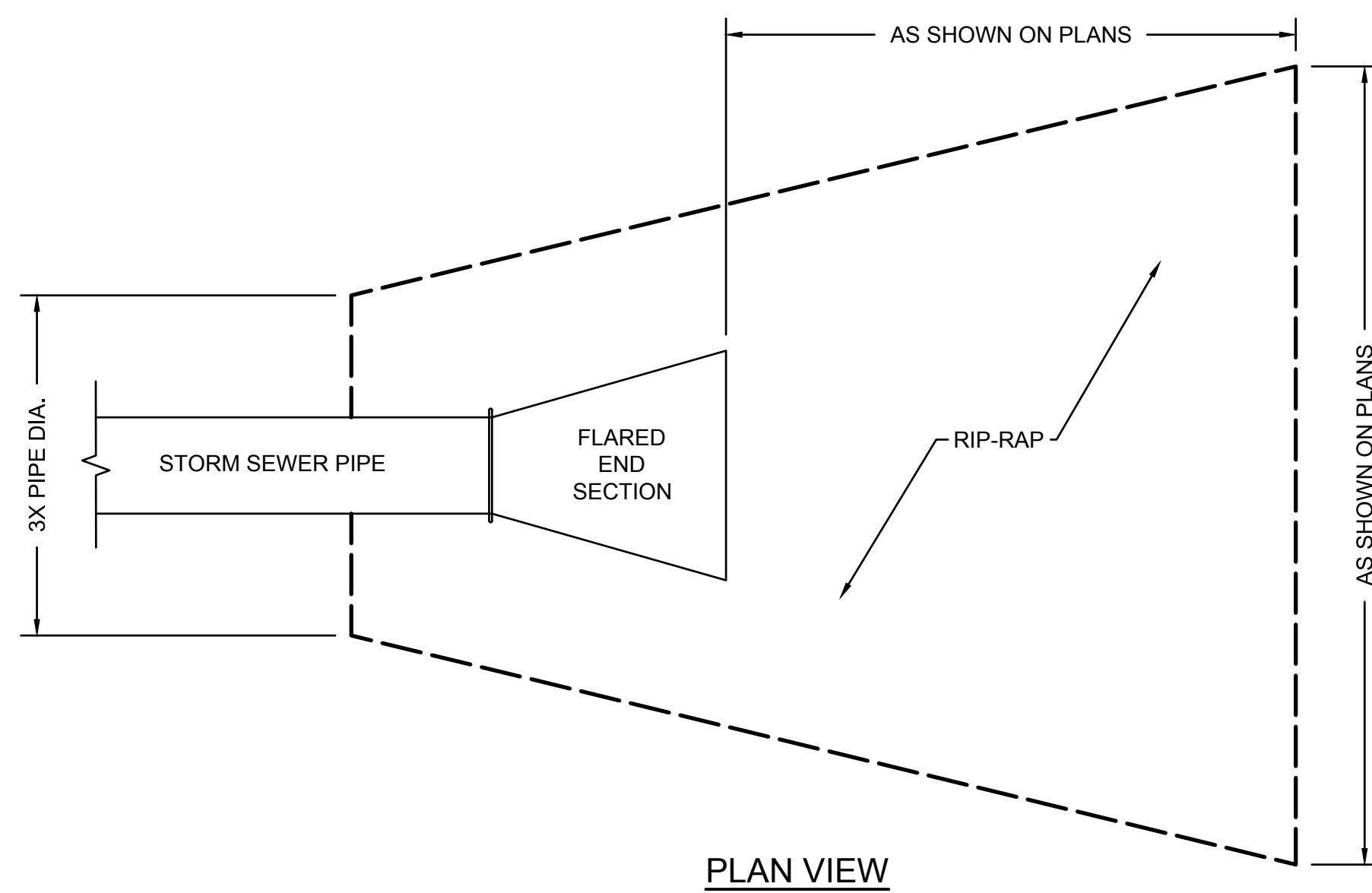
2 DIVERSION MANHOLE
SCALE: N.T.S.



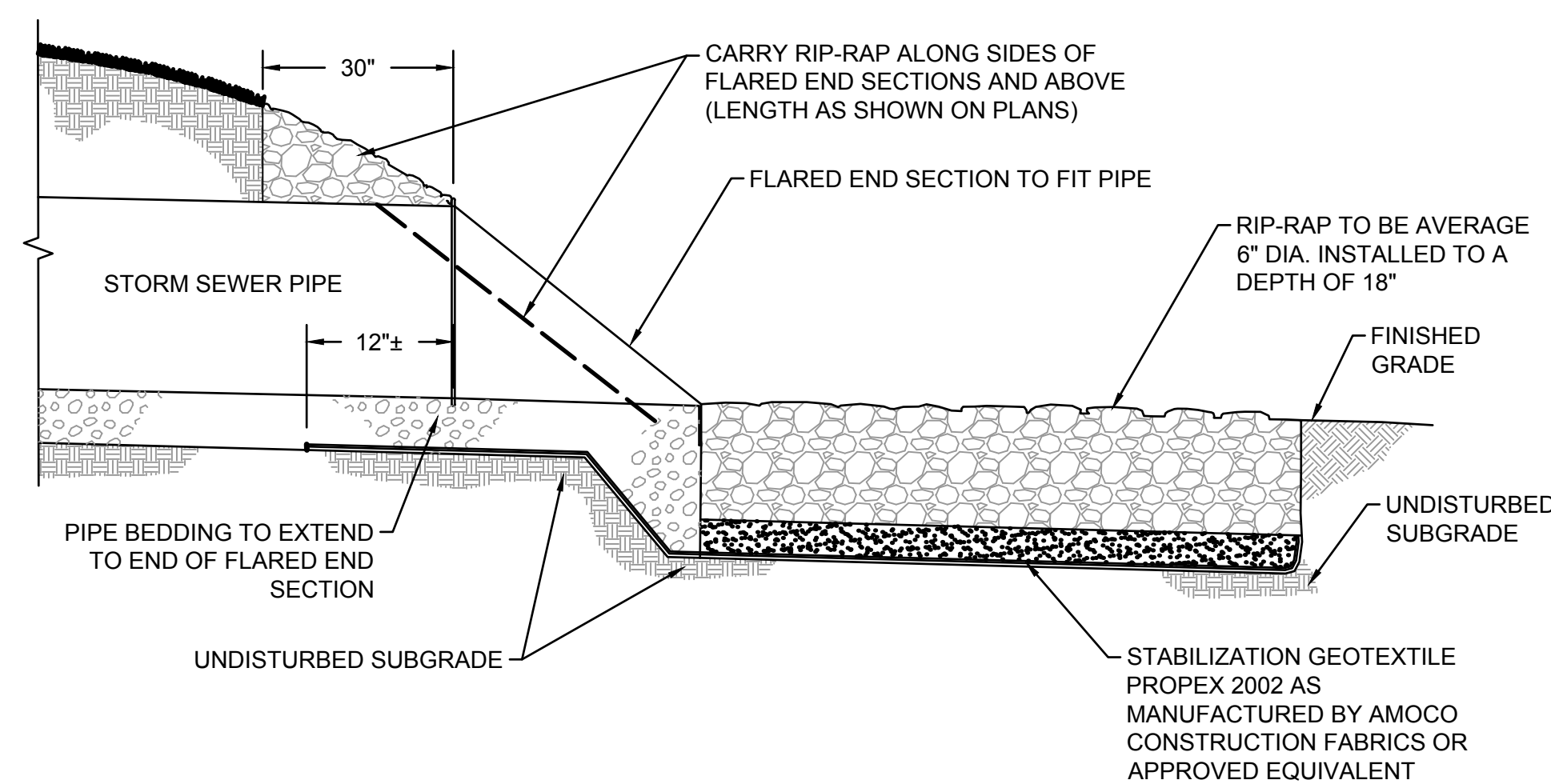
CONSTRUCTION SPECIFICATIONS

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.

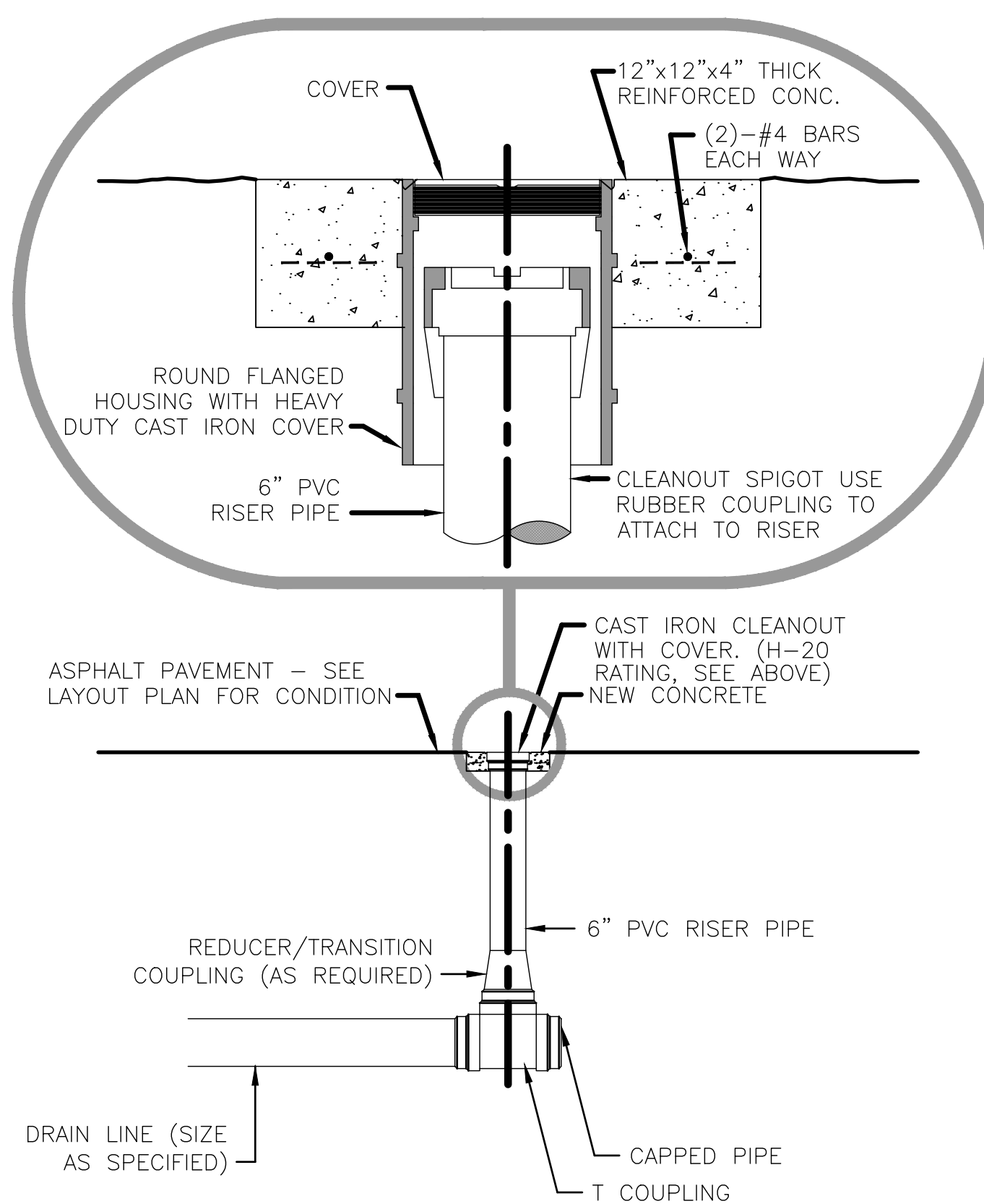


PLAN VIEW

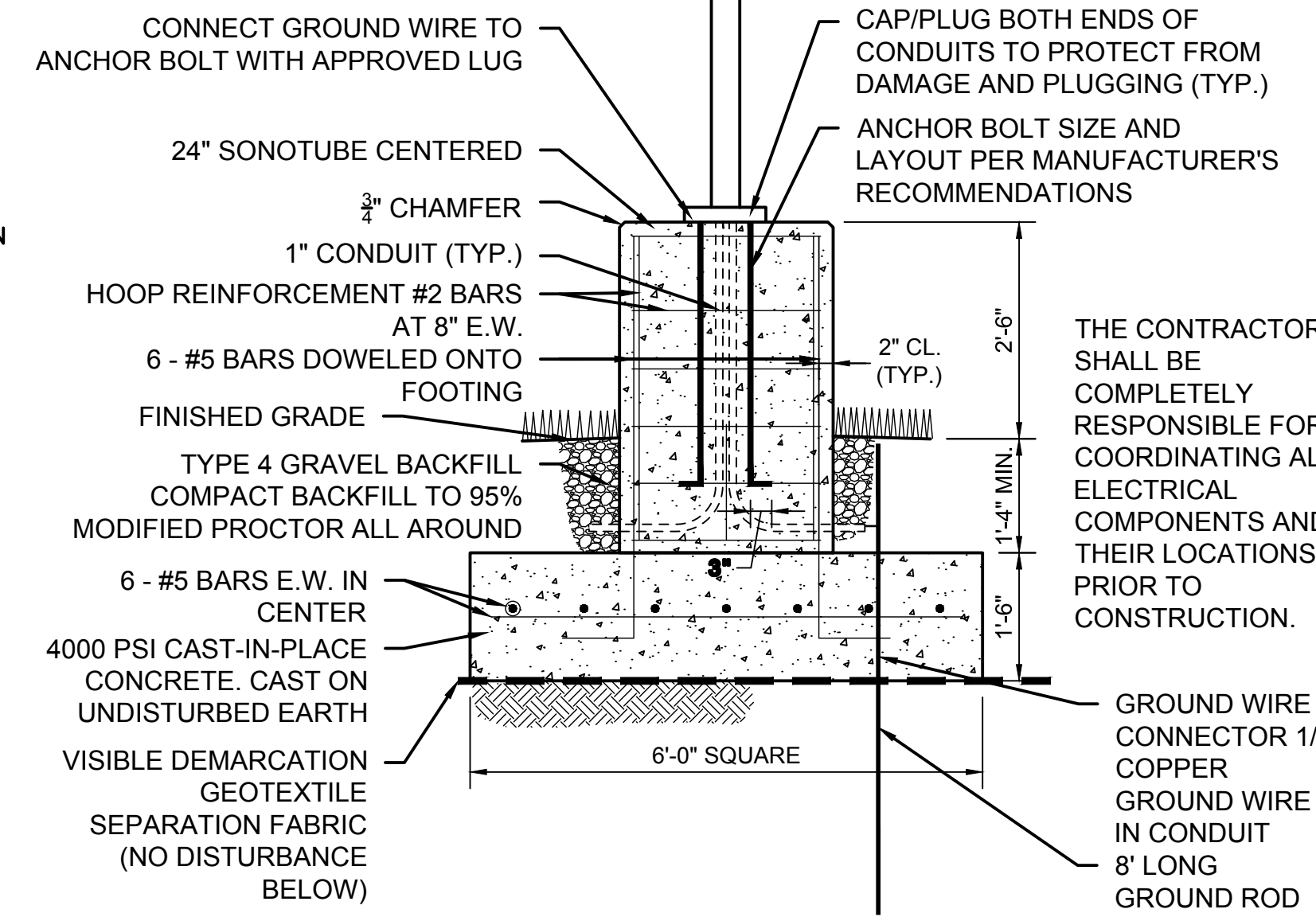


SECTION VIEW

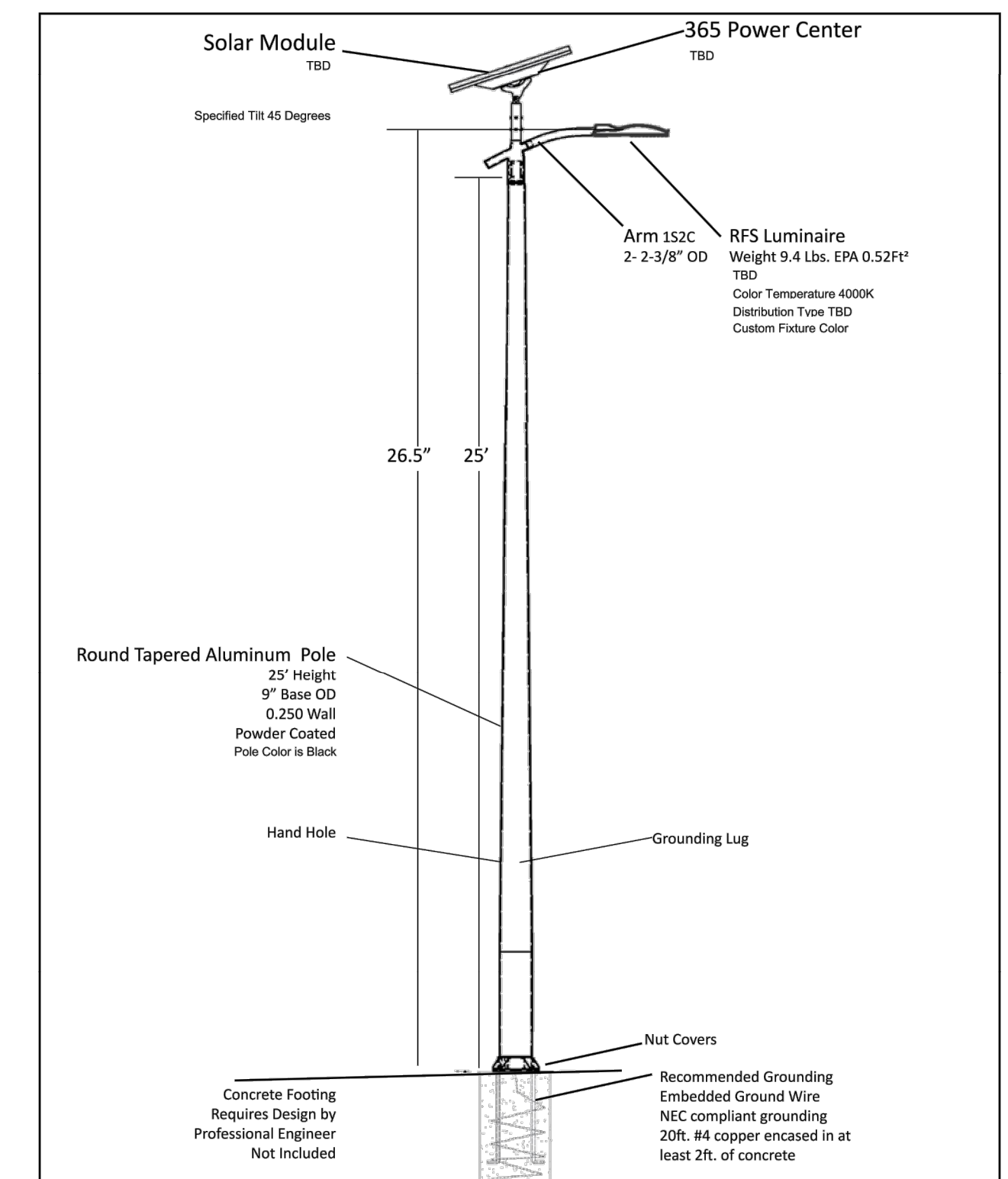
3 STORMWATER OUTFALL
SCALE: N.T.S.



5 OBSERVATION PORT
SCALE: N.T.S.



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



Solar Assembly	12"	20"	36"	48"	60"	72"	84"
P140F-T1-HW-MC	102.73	113.31	123.89	134.48	145.06	155.64	166.22
P260F-T3-HW-MC	120.37	130.95	141.53	152.12	162.70	173.28	183.86
P380F-T4-HW-MC	120.37	130.95	141.53	152.12	162.70	173.28	183.86

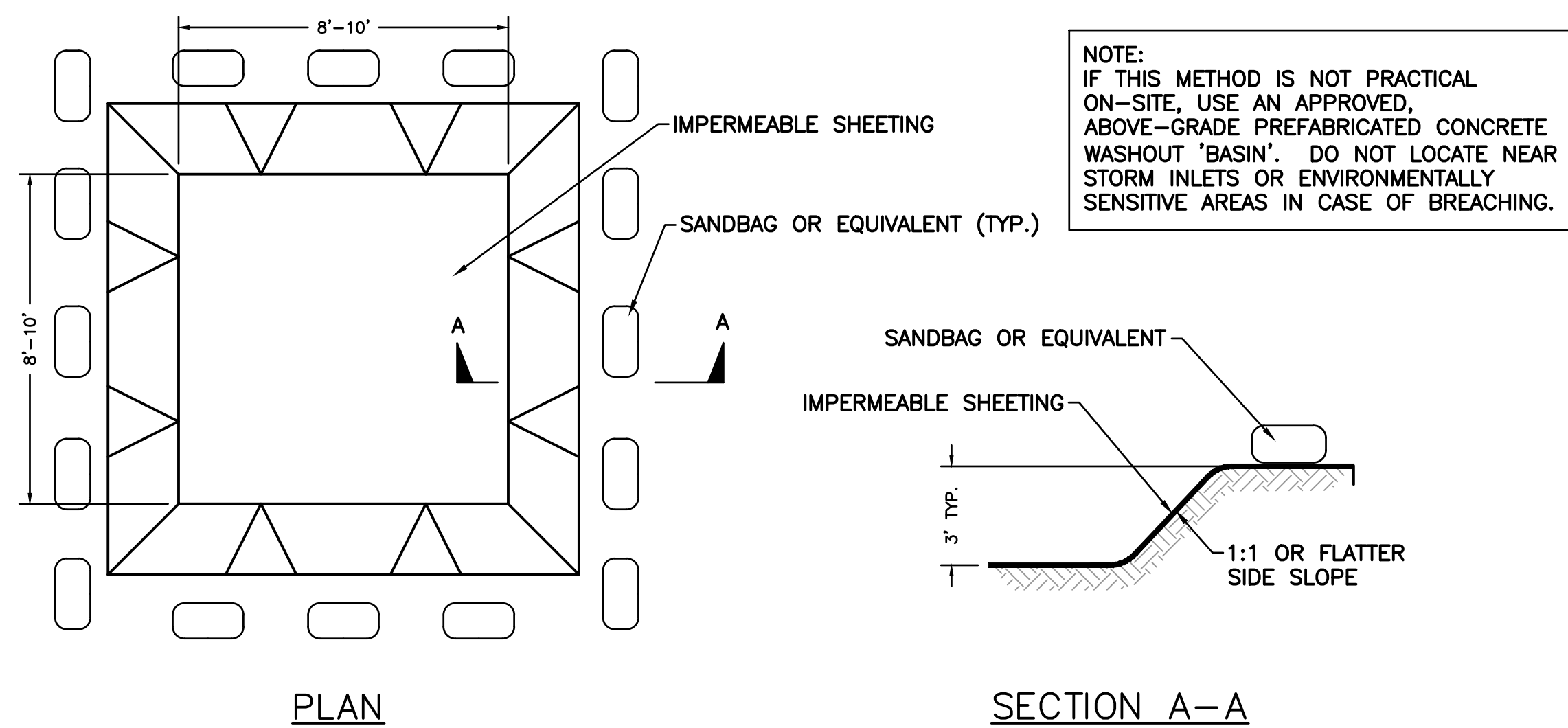
Ordering Selections

Finish	Temp	Type	Color	IS	Solar-Mount	Option	Power Center	Tile	Pole	Color
-	-	-	-	-	-	-	-	-	-	-

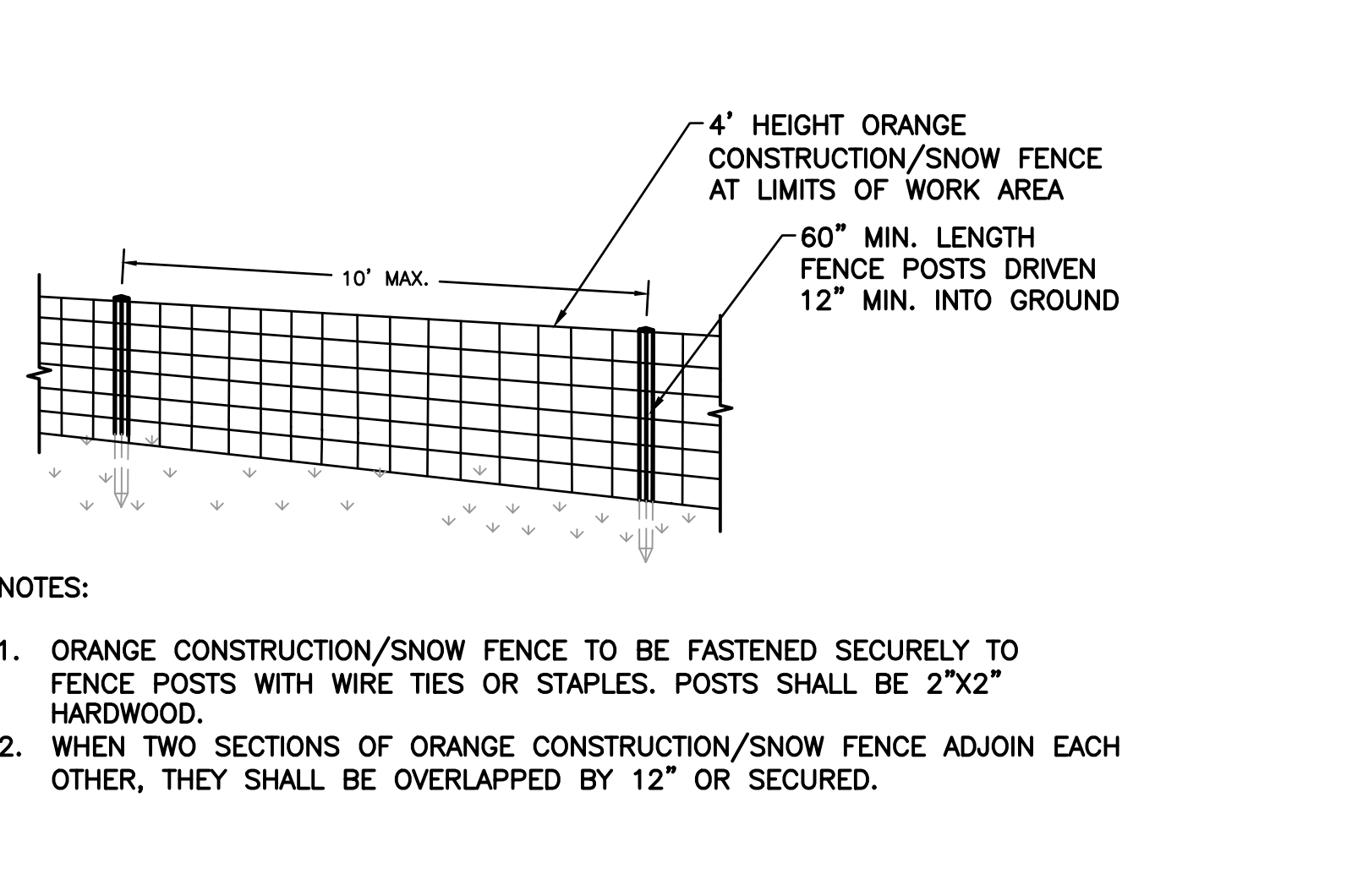
7 LIGHT FIXTURE CUT SHEET
SCALE: N.T.S.



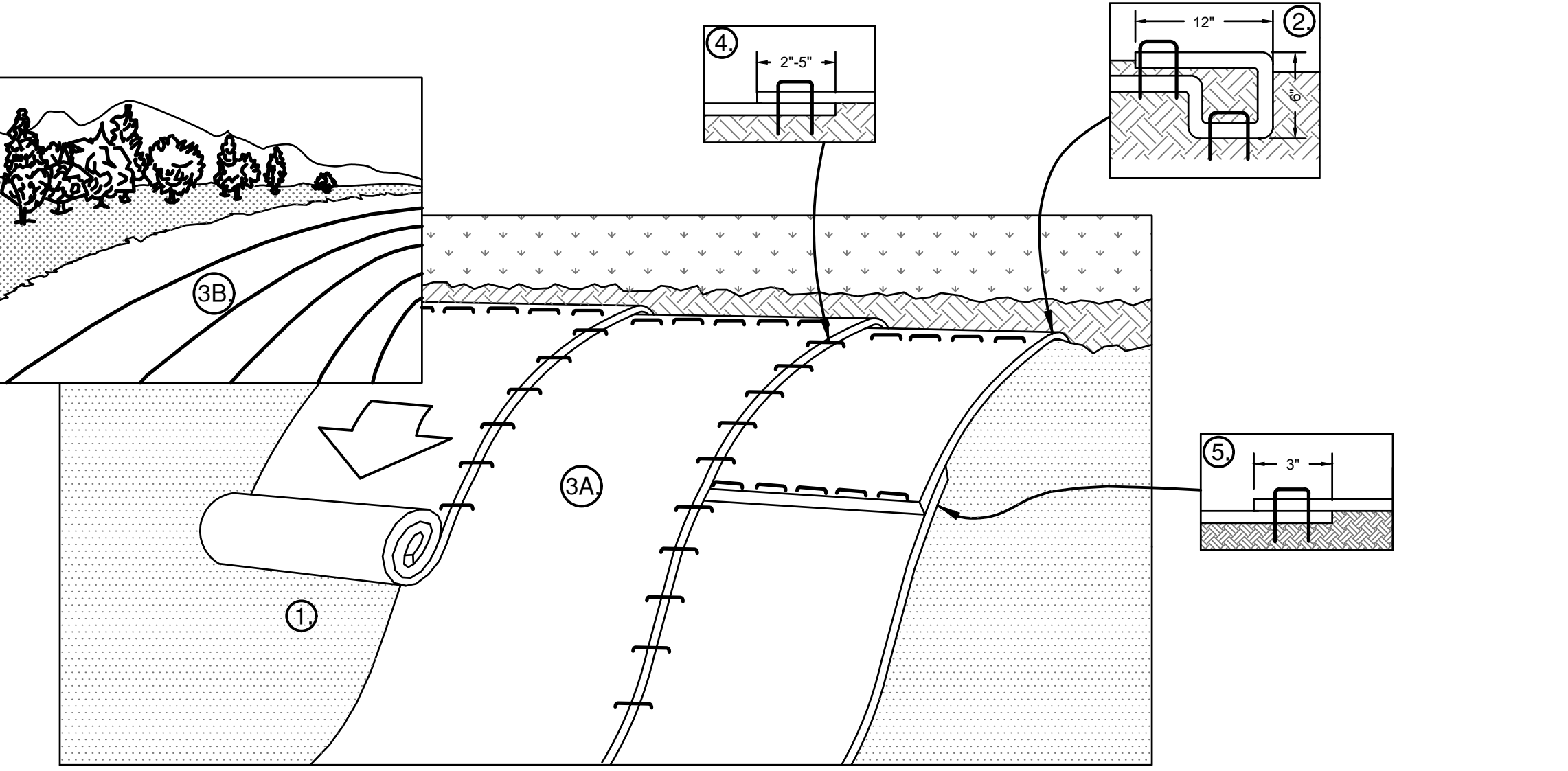
8 POST-CONSTRUCTION STORMWATER SIGNAGE
SCALE: N.T.S.



1 CONCRETE WASHOUT
SCALE: N.T.S.



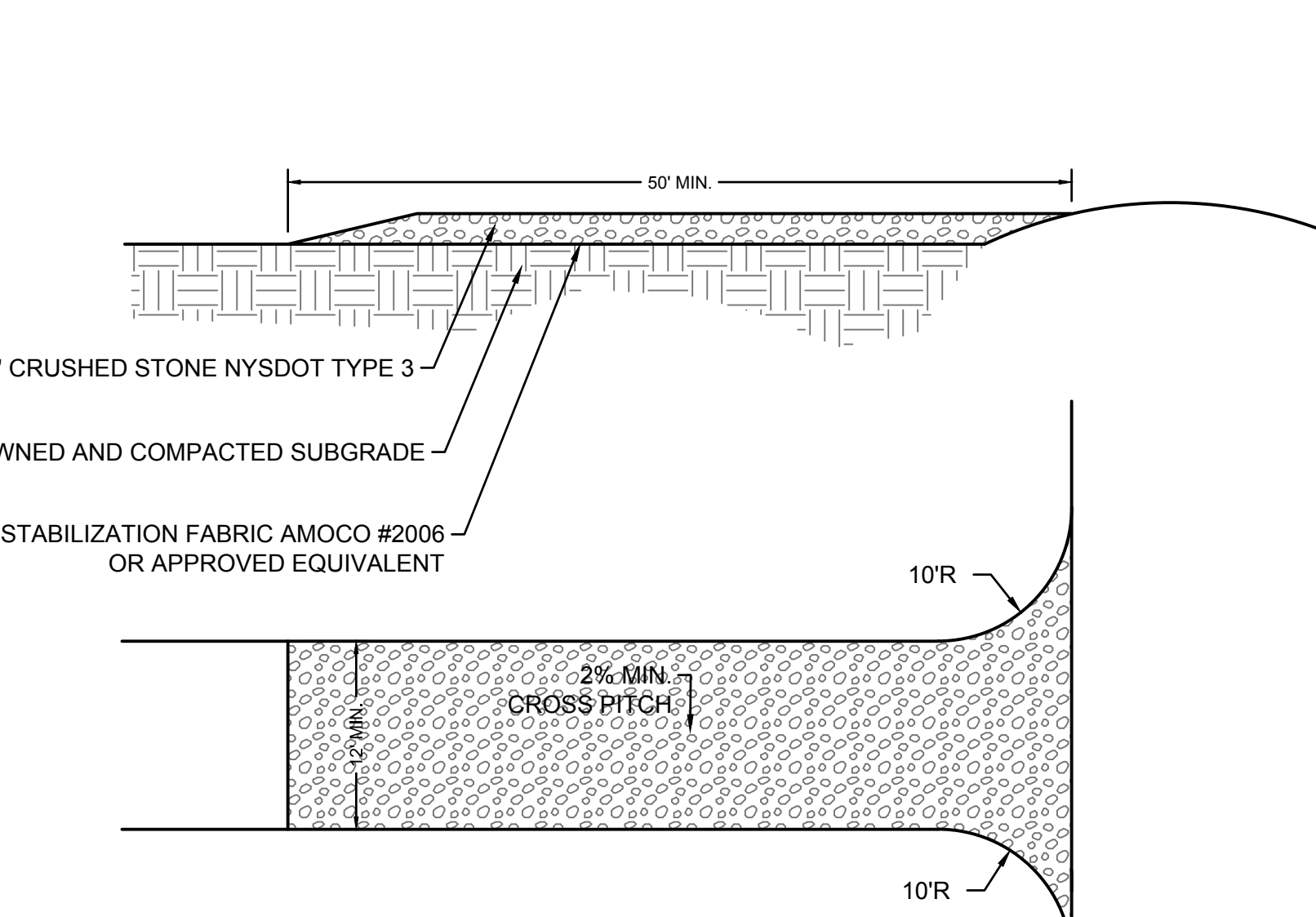
2 CONSTRUCTION FENCE
SCALE: N.T.S.



3 SLOPE STABILIZATION MATTING
SCALE: N.T.S.

NOTES:

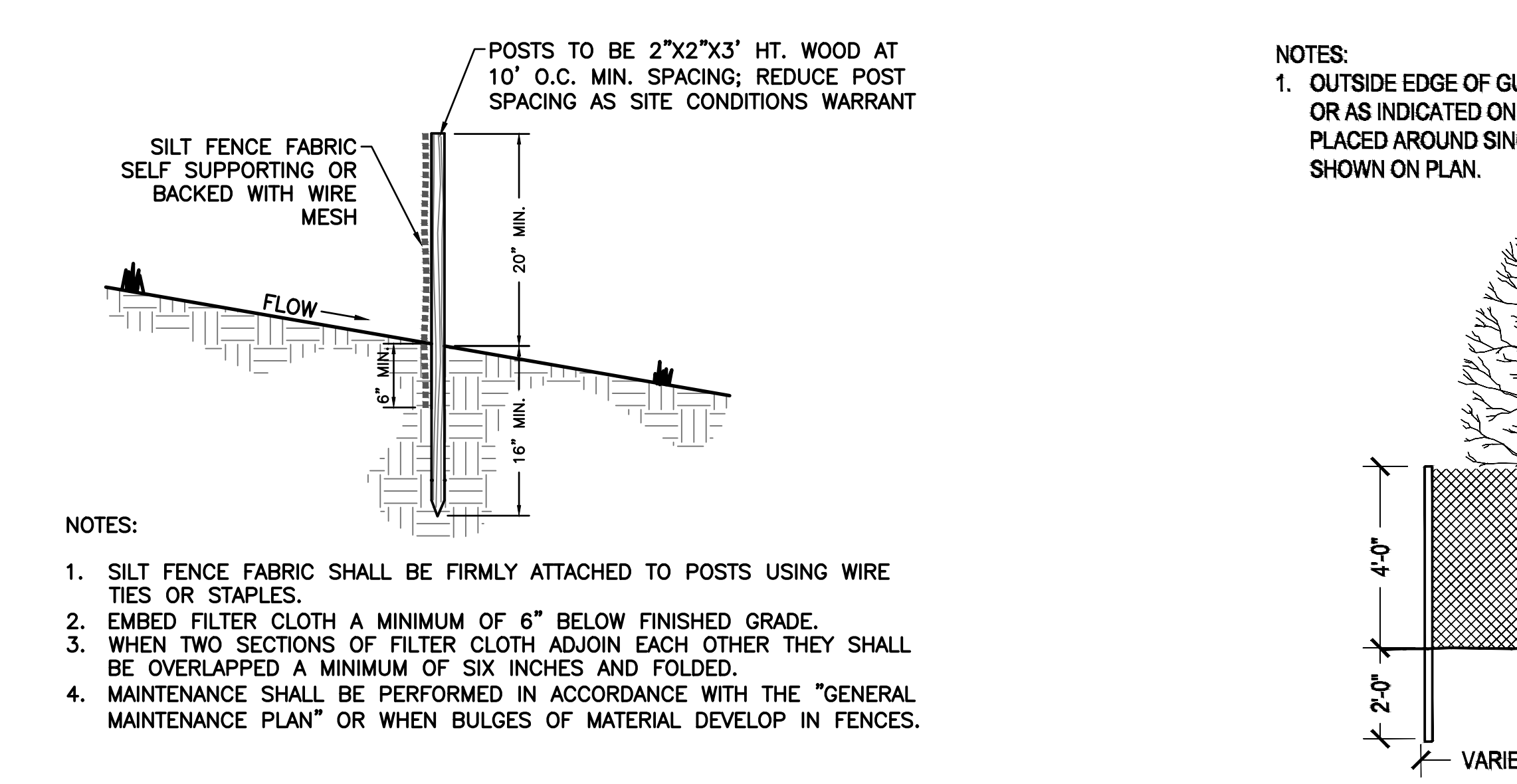
- PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER AND SEED. WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP'S.
- ROLL THE RECP'S DOWN (A) OR HORIZONTALLY (B) ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON RECP'S TYPE.
- CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS THE ENTIRE RECP'S TYPE. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE STAKES LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S.



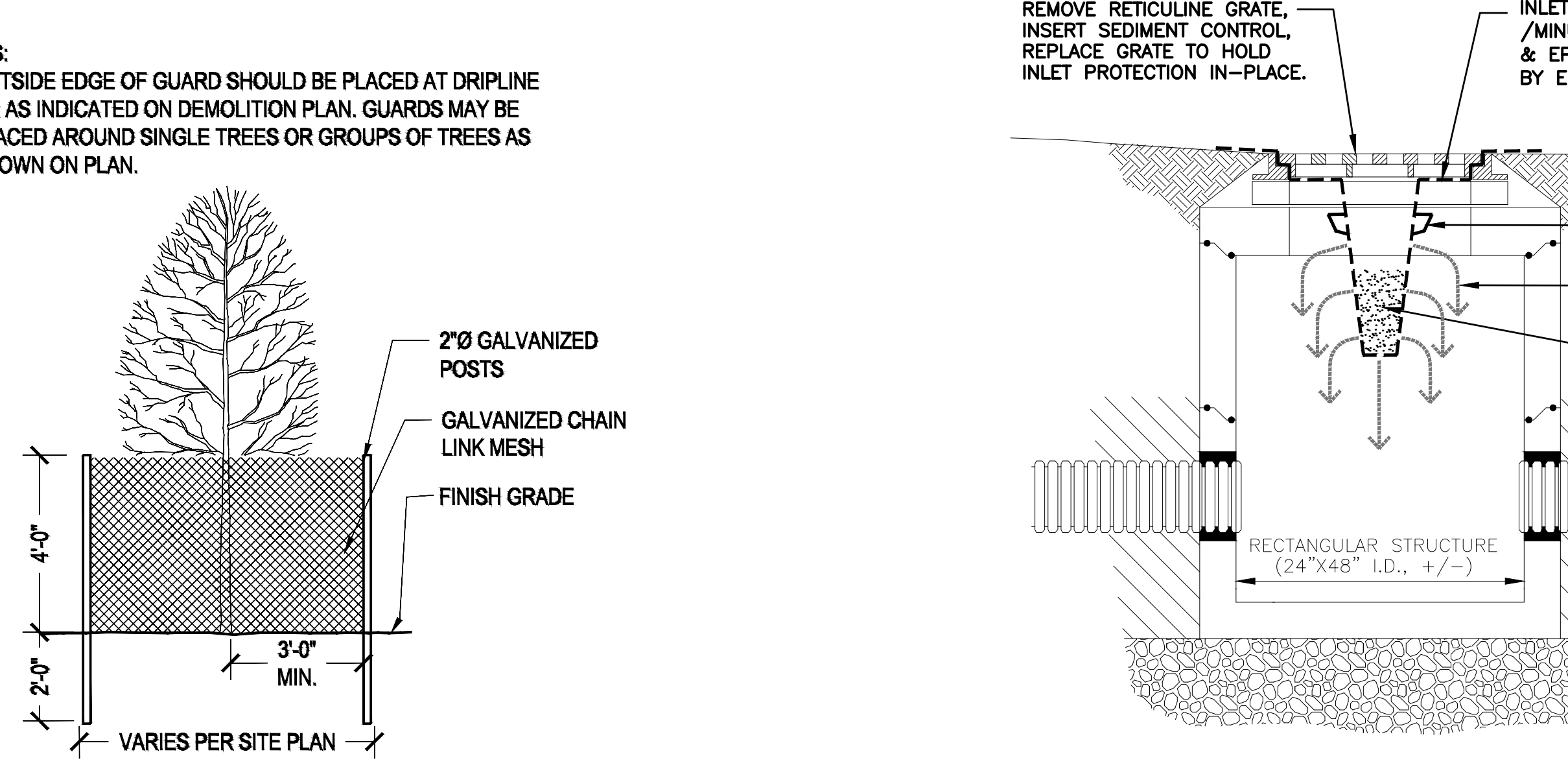
4 STABILIZED CONSTRUCTION ENTRANCE
SCALE: N.T.S.

NOTES:

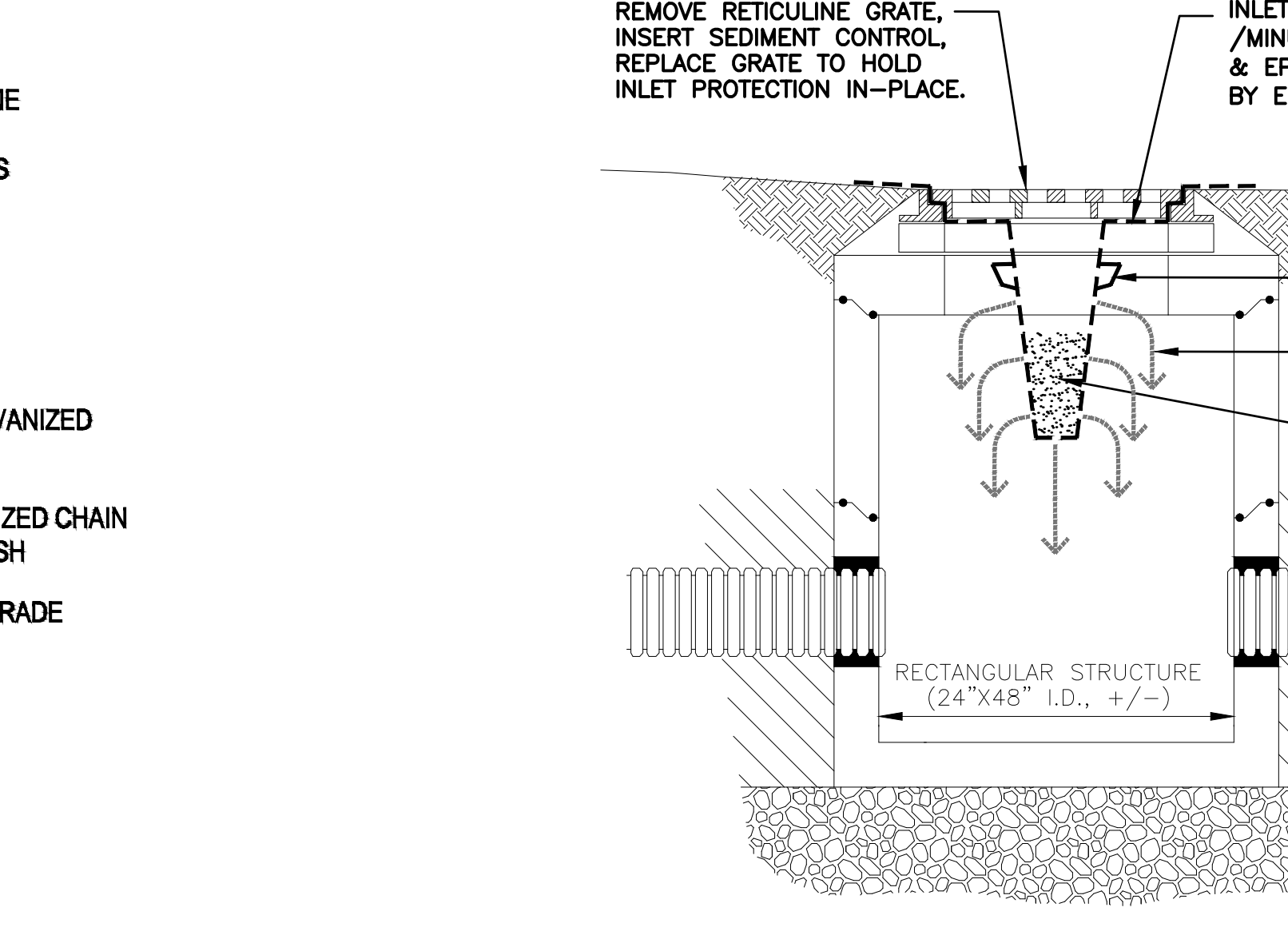
- STABILIZATION FABRIC SHALL BE PLACED OVER THE ENTIRE ENTRANCE AREA PRIOR TO PLACING OF STONE. OVERLAP FABRIC PER MANUFACTURER'S SPECIFICATIONS.
- ALL SURFACE WATER FLOWING OF DIVERTED TOWARDS THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE ROAD.
- WHEN EQUIPMENT WASHING IS REQUIRED IT SHALL BE DONE ON A SEPARATE AREA ADJACENT TO THE ENTRANCE ROAD AND STABILIZED WITH STONE. EQUIPMENT WASHING WILL BE REQUIRED IF ROAD RECEIVES SIGNIFICANT SOILS OR DEBRIS ACCORDING TO JUDGMENT BY OWNER OR OWNER'S REPRESENTATIVE.
- KEEP ROADS CLEAR OF STONES, MUD, AND OTHER CONSTRUCTION DEBRIS. CLEAN PAVEMENT AS ACCUMULATIONS WARRANT AND AS ORDERED BY ENGINEER.
- REMOVE SILT ACCUMULATIONS ROUTINELY AND DISPOSE OF PROPERLY SUCH THAT WATER QUALITY IS NOT IMPAIRED. DO NOT INTRODUCE SILT INTO DRAINAGE SYSTEM OR TOPSOIL/RESTORATION AREAS.



5 SILT FENCE
SCALE: N.T.S.



6 TREE PROTECTION
SCALE: N.T.S.



7 STORM INLET PROTECTION
SCALE: N.T.S.

SUGGESTED EROSION CONTROL CONSTRUCTION SCHEDULE:

- FLAG THE GRADING LIMITS AND MARK A 10' BUFFER AREA BEYOND THE GRADING LIMITS FOR PROTECTION.
- INSTALL TEMPORARY CONSTRUCTION ENTRANCE AT APPROXIMATE LOCATION OF DRIVEWAY IF DRIVEWAY STONE HAS NOT YET BEEN PLACED.
- INSTALL PROTECTIVE MEASURES AROUND TREES TO BE RETAINED WITHIN GRADING LIMITS.
- INSTALL BRIGHTLY COLORED CONSTRUCTION FENCE ALONG ROAD TO LIMIT VEHICULAR ACCESS TO STONE DRIVEWAY OR CONSTRUCTION ACCESS DRIVE.
- INSTALL INLET PROTECTION DEVICES AT CATCH BASINS DOWN SLOPE FROM THE SITE THAT ARE VULNERABLE TO SEDIMENT ACCUMULATIONS.
- COMPLETE SITE CLEARING, STOCKPILE SAVED MATERIALS IN DESIGNATED AREAS.
- INSTALL SILT FENCES IN LOCATIONS AROUND THE PERIMETER OF SITE WORK, STOCKPILE AREA AND ALONG THE CONTOUR OF ALL DISTURBED SLOPES AT A MINIMUM OF EVERY 50' OF HORIZONTAL DISTANCE OR AS SPECIFIED, MEASURED PERPENDICULAR TO THE SLOPE.
- ROUGH GRADE SWALES AROUND PROPOSED EARTHWORK AND STRUCTURES TO EXTENT POSSIBLE WITHIN GRADING LIMITS. INSTALL SILT FENCES, STRAW BALE DIKES, DIVERSION SWALES AND OTHER EROSION CONTROL MEASURES AS SHOWN ON PLANS, AND AS NECESSARY TO COMPLY WITH THE SWPPP AND ENSURE WATER QUALITY OF RUNOFF.
- CONTRACTOR MUST ROUTINELY INSPECT AND MAINTAIN EROSION CONTROL DEVICES AND BEST MANAGEMENT PRACTICES (BMP'S). DOCUMENT WEEKLY INSPECTIONS IN SEPARATE CONTRACTOR'S LOG.
- ROUTE ALL DEWATERING AND SUMP PUMP OUTFALLS OF TURBID QUALITY DIRECTLY TO SEDIMENT BASINS OR OTHER APPROPRIATE BMP.
- THE CONTRACTOR SHALL INITIATE STABILIZATION OF ANY BARE SOIL AREAS, AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE OF THE RESPECTIVE AREAS OF THE SITE. THE CONTRACTOR SHALL RETAIN SITE RECORDS OF THE EARTHWORK AND STABILIZATION WORK PERFORMED. EXCEPTIONS OF THIS POLICY CAN BE GRANTED UNDER NORMAL CONDITIONS IN THE FOLLOWING INSTANCES:
 - WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IN PRELUDE BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN TWENTY-ONE (21) DAYS, TEMPORARY STABILIZATION MEASURES NEED NOT BE INITIATED ON THE PORTION OF THE SITE IF REQUESTED IN WRITING AND APPROVED BY THE ENGINEER.
- ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ATTAINED. REMOVE OF ANY EROSION CONTROL MEASURES MUST FIRST BE APPROVED BY THE ENGINEER AND/OR THE JURISDICTION HAVING AUTHORITY.
- WHEN WEATHER CONDITIONS PROHIBIT SEED GERMINATION, DISTURBED GROUND SHOULD BE MULCHED WITH STRAW OR FIBER MULCH AND RECEIVE A BINDER/TACK APPLICATION OR EQUIVALENT.
- THE SCHEDULE DESCRIPTIONS ABOVE ARE SUGGESTIONS PROVIDED TO ASSIST THE CONTRACTOR(S) IN DEVELOPING THEIR STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SCHEDULE SPECIFIC TO THIS PROJECT. THE ACTUAL SCHEDULING AND IMPLEMENTATION OF THE SWPPP AND MAINTENANCE OF REQUIRED WATER QUALITY IS THE RESPONSIBILITY OF THE CONTRACTOR(S). THE EROSION AND SEDIMENT CONTROL PLAN AND DEVICES SHOWN ARE CONSIDERED TO COMPRISE THE MAJORITY OF EFFORTS NEEDED, BUT NOT NECESSARILY ALL THAT WILL BE REQUIRED. WEATHER, SITE, AND UNFORESEEN CONDITIONS CAN DICTATE THAT GREATER EFFORTS WILL BE NECESSARY. IN THE CASE OF PROJECTS THAT DISTURB MORE THAN 1 ACRE OF LAND, THE OWNER, OR OWNER'S REPRESENTATIVE, WILL DEVELOP THE SWPPP WITH SUBMITTED CONTRIBUTIONS FROM THE ASSIGNED CONTRACTORS PERFORMING PROJECT SITE WORK. THESE CONTRIBUTIONS WILL CONSIST OF AN EROSION AND CONTROL SCHEDULE (AS SPECIFIED IN THE PROJECT MANUAL), SHORT NARRATIVE OF ANTICIPATED EROSION CONTROL ACTIVITIES, INSPECTION REPORTS AND LOGS AND SIGNED CERTIFICATION STATEMENTS AND PRE-CONSTRUCTION PHOTOGRAPHS AS SPECIFIED. THIS COMPETENT PERSON SHALL BE EITHER A LICENSED ENGINEER, LANDSCAPE ARCHITECT OR CERTIFIED EROSION CONTROL SPECIALIST.

GENERAL MAINTENANCE PLAN:

- ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK, IN ACCORDANCE WITH THE SWPPP AND NYSDEC SPDES GENERAL PERMIT NO. GP-0-15-002. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
- SEDIMENT WILL BE REMOVED FROM BEHIND STRAW BALE DIKES AND BEHIND SILT FENCES WHEN IT BECOMES 6" DEEP AT THE DIKE/FENCE OR WHEN ACCUMULATIONS HAVE ADVERSELY AFFECTED ITS FUNCTION. STRAW BALE DIKES AND SITE FENCES WILL BE REPAIRED BY REMOVING SILT AND SEDIMENTS AND THEN TAMPING LOOSE SOIL ALONG BASE, REPLACING DAMAGED OR WEAKENED POSTS AND STAKES, OR AS NECESSARY TO MAINTAIN A BARRIER.
- SEDIMENT WILL BE REMOVED AND FILTER DEVICES CLEANED OR REPLACED AT CATCH BASINS WHEN THE SEDIMENT POOL NO LONGER DRAINS FREELY. SEDIMENT ACCUMULATIONS WITHIN DRAINAGE STRUCTURES AND PIPING SHALL BE CLEANED OUT AT THE PROJECT COMPLETION AND AS ORDERED BY ENGINEER WHEN DETERMINED THAT PRE-COMPLETION INSTALLATIONS NO LONGER FUNCTION PROPERLY DUE TO SEDIMENT OR DEBRIS. EVENTUAL SYSTEM CLEANING IS NOT AN EXCUSE TO NOT IMPLEMENT APPROPRIATE CONTROLS UPSTREAM. THE ENGINEER SHALL BE THE FINAL JUDGE REGARDING WHETHER THE PIPING SYSTEM REQUIRES CLEANING. THE CONTRACTOR CAN MINIMIZE THE NECESSITY OF EXTENSIVE SILT AND SEDIMENT ACCUMULATION REMOVALS BY EFFECTIVE IMPLEMENTATION OF THE SWPPP.
- ALL DISTURBED AREAS WILL BE FERTILIZED, SEEDED AND MULCHED ACCORDING TO LANDSCAPE RESTORATION SPECIFICATIONS TO MAINTAIN VIGOROUS, DENSE VEGETATION. REPAIR ANY ERODED SLOPES, REAPPLY TOPSOIL, RESEED AND STABILIZE REPAIR AREA AS REQUIRED FOR PERMANENT OR TEMPORARY MEANS. REPAIR SOIL AREAS DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
- IMMEDIATELY REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION EQUIPMENT, MAINTENANCE OR OTHER ACTIVITY TO ANY EROSION CONTROL MEASURE, OR BEST MANAGEMENT PRACTICE OR DEVICE.
- THE PRIME CONTRACTOR(S) ARE RESPONSIBLE FOR THE PERFORMANCE AND COMPLIANCE OF THEIR SUB-CONTRACTOR'S ACTIVITIES RELATING TO THE SWPPP. THEY SHALL MAKE FREQUENT INSPECTIONS OF THEIR WORK AND COORDINATE APPROPRIATE INSTALLATION AND MAINTENANCE OF EROSION CONTROL AND WATER QUALITY DEVICES.
- EMPLOY POLLUTION PREVENTION MEASURES TO CONTROL LITTER, CONSTRUCTION CHEMICALS, SEDIMENT AND CONSTRUCTION DEBRIS INCLUDING, BUT NOT LIMITED, TO THE FOLLOWING: SALVAGE AND REUSE OF MATERIALS, MINIMIZING PACKAGING WASTE, RECYCLING, PROPER DISPOSAL AT FREQUENT INTERVALS IN ACCORDANCE WITH PREVAILING LAWS, ONSITE INSTRUCTION REGARDING APPROPRIATE SEPARATION/HANDLING/RECYCLING, PERIODIC DEBRIS REMOVAL AT DRAINAGE STRUCTURES (GRATES AND SUMPS)/SEDIMENT TRAPS/FOREBAY AND OTHER BMP'S, PROPER MAINTENANCE OF SEDIMENT/EROSION CONTROL SYSTEMS, ROUTINE AND EVENT RELATED INSPECTIONS OF DRAINAGE AND BMP SYSTEMS PER PERMIT REQUIREMENTS, PROVIDE APPROPRIATE SANITARY FACILITIES FOR ONSITE PERSONNEL, PICK UP TRASH AND DEBRIS FREQUENTLY AND USE WATER MIST, CALCIUM CHLORIDE OR OTHER LEGAL MEANS TO LIMIT THE SPREAD OF DUST AND SOIL PARTICLES.

PROTECTION OF TREES:

PROTECT EXISTING TREES WHICH ARE TO REMAIN AND WHICH MAY BE INJURED, BRUISED, DEFACED, OR OTHERWISE DAMAGED BY CONSTRUCTION OPERATIONS. UTILIZING STANDARD TREE PROTECTION CRITERIA INCLUDING:

- INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM 4' IN HEIGHT) AROUND INDIVIDUAL TREES DESIGNATED FOR PROTECTION. FENCING SHALL BE INSTALLED AT THE OUTWARD LIMIT OF THE TREE'S DRIPLINE OR EXTENT OF CANOPY COVER.
- INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM 4' IN HEIGHT) AROUND GROUPS OF TREES DESIGNATED FOR PROTECTION.
- TREE AND/OR SHRUB BRANCHES IN THE WAY OF EQUIPMENT SHALL BE TRIMMED ACCORDING TO PROFESSIONAL HORTICULTURAL STANDARDS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR AND SUB-CONTRACTORS USE EQUIPMENT TO DEMOLISH BRANCHES AS WORK PROCEEDS.

REQUIRED FENCING SHALL BE INSTALLED PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND SHALL BE REMOVED AT THE CONCLUSION OF CONSTRUCTION. REMOVE DISPLACED ROCKS FROM UNCLEARED AREAS. BY APPROVED EXCAVATION, REMOVE TREES WITH 30 PERCENT OR MORE OF THEIR ROOT SYSTEMS DESTROYED. REMOVAL OF TREES AND THE PROCEDURE FOR REMOVAL REQUIRES APPROVAL OF THE OWNER OR LANDSCAPE ARCHITECT. TREES DESIGNATED FOR REMOVAL SHALL BE REMOVED IN A MANNER THAT WILL NOT IMPACT ADJACENT TREES.

LANDSCAPE REPLACEMENT:

REMOVE TREES AND OTHER LANDSCAPE FEATURES SCARRED OR DAMAGED BY EQUIPMENT OPERATIONS, AND REPLACE WITH EQUIVALENT, UNDAUNTED TREES AND LANDSCAPE FEATURES. OBTAIN OWNER'S OR LANDSCAPE ARCHITECT'S APPROVAL BEFORE REPLACEMENT. REPLACEMENT OF TREES SHALL OCCUR ON A ONE-TO-ONE BASIS, UNLESS OTHERWISE NOTED.

SWPPP
(STORMWATER POLLUTION PREVENTION PLAN)

HAS BEEN DETERMINED TO BE REQUIRED BASED ON SCOPE OF PROJECT. SWPPP REQUIRES DOCUMENTS FROM CONSTRUCTION TEAM.

HAS BEEN DETERMINED NOT TO BE REQUIRED BASED ON SCOPE OF PROJECT.

REFER TO REQUIREMENTS LISTED ON THIS SHEET AND SPECIFICATION SECTION 01560 ENCLOSED IN THE SWPPP. IF SCOPE OF PROJECT CHANGES, THE REQUIREMENT FOR A SWPPP AND NYSDEC PERMITTING MAY REQUIRE RE-EVALUATION.