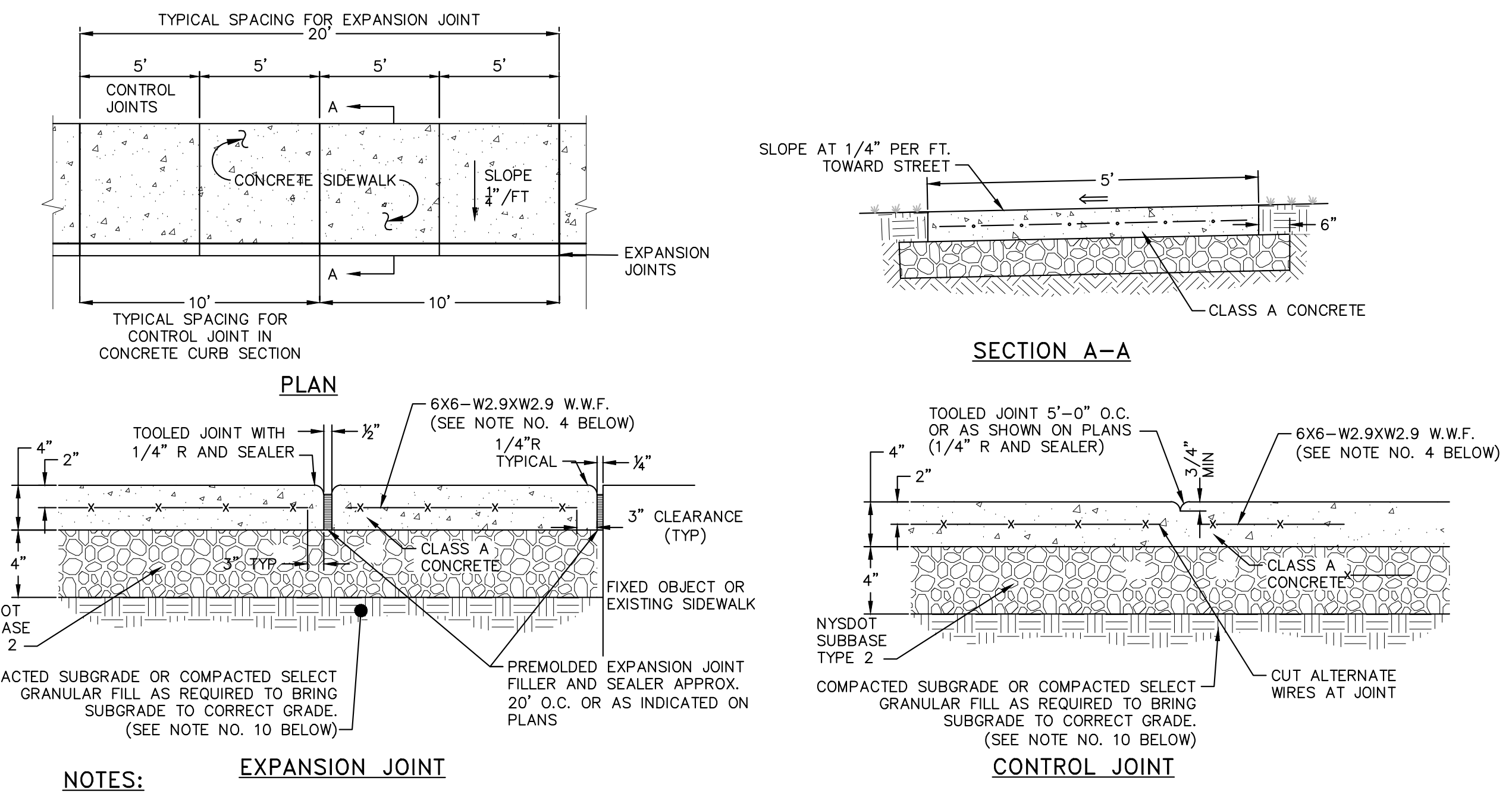
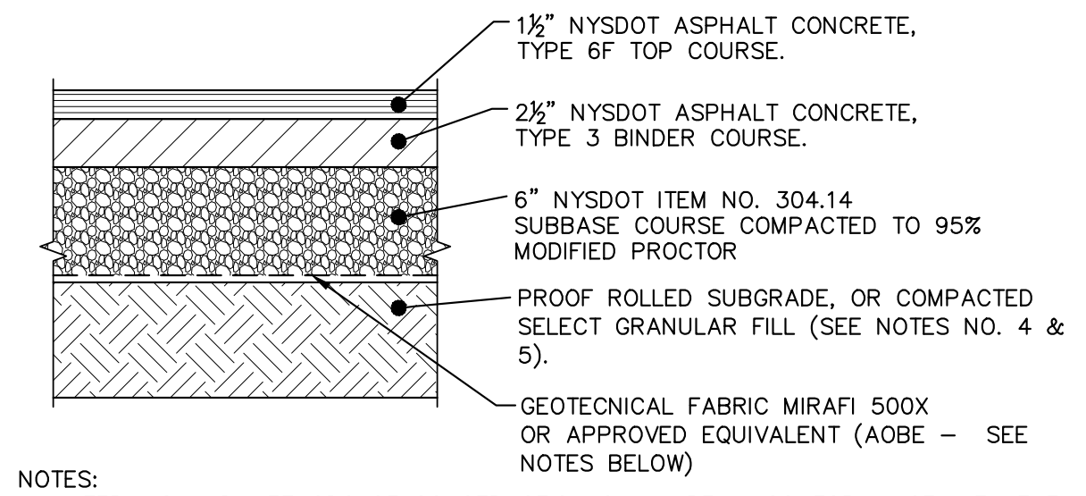
SITE DETAILS


TYPICAL SPACING FOR EXPANSION JOINT
20'
5'
CONTROL JOINTS
CONCRETE SIDEWALK
SLOPE 1/4"/FT
EXPANSION JOINTS
10'
TYPICAL SPACING FOR CONTROL JOINT IN CONCRETE CURB SECTION
A
PLAN
SLOPE AT 1/4" PER FT. TOWARD STREET
6"
CLASS A CONCRETE
SECTION A-A
TOOLED JOINT WITH 1/4" R AND SEALER
6X6-W2.9XW2.9 W.W.F. (SEE NOTE NO. 4 BELOW)
1/2"
1/4"R TYPICAL
1/4"
3" CLEARANCE (TYP)
4"
2"
3" TYP
CLASS A CONCRETE
FIXED OBJECT OR EXISTING SIDEWALK
NYSDOT SUBBASE TYPE 2
COMPACTED SUBGRADE OR COMPACTED SELECT GRANULAR FILL AS REQUIRED TO BRING SUBGRADE TO CORRECT GRADE. (SEE NOTE NO. 10 BELOW)
PREMOLDED EXPANSION JOINT FILLER AND SEALER APPROX. 20' O.C. OR AS INDICATED ON PLANS
EXPANSION JOINT
TOOLED JOINT 5'-0" O.C. OR AS SHOWN ON PLANS (1/4" R AND SEALER)
3/4" MIN
CUT ALTERNATE WIRES AT JOINT
CONTROL JOINT

NOTES:

1. 10' SPACING OF CONTROL JOINTS SHALL BE USED FOR CAST IN PLACE CONCRETE CURBS.
2. MATERIAL AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED JANUARY 2, 2002, AND ALL ADDENDA THERETO; THE ONLY EXCEPTION BEING THAT THE WORK OF THIS CONTRACT SHALL BE MEASURED IN ENGLISH UNITS.
3. ALL CONCRETE SHALL BE 3,500 PSI CLASS A CONCRETE. CONCRETE MATERIALS, PLACEMENT, AND CONSTRUCTION SHALL CONFORM WITH SECTION 500 OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
4. REINFORCING STEEL FOR CONCRETE SHALL CONFORM WITH SECTION 556 – REINFORCING STEEL FOR CONCRETE STRUCTURES OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND AS SPECIFICALLY CALLED OUT IN THE DRAWINGS.
5. ALL EXPOSED SURFACED SHALL HAVE A BROOM TEXTURED FINISH.
6. EXPANSION JOINTS SHALL BE LOCATED A MAXIMUM OF 20' ON CENTER, OR AS INDICATED ON PLANS.
7. JOINTS SHALL NOT BE SAW CUT.
8. EXPOSED CONCRETE SURFACES SHALL BE TREATED WITH "SUREBOND"/"SAFEBOND"SB-7000 INTENSIFIER BRIGHT PROTECTOR AND SIDEWALK SEALER, OR EQUAL. RATE AND METHOD OF APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
9. SUBBASE MATERIAL SHALL CONFORM WITH SECTION 304 OF THE ABOVE REFERENCED NYSDOT STANDARD.
10. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSE OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMATION WITH SECTION 203-EXCAVATION AND EMBANKMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
11. ALL WORK SHALL CONFORM WITH SECTION 608-SIDEWALK, DRIVEWAYS, AND BICYCLE PATHS OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.

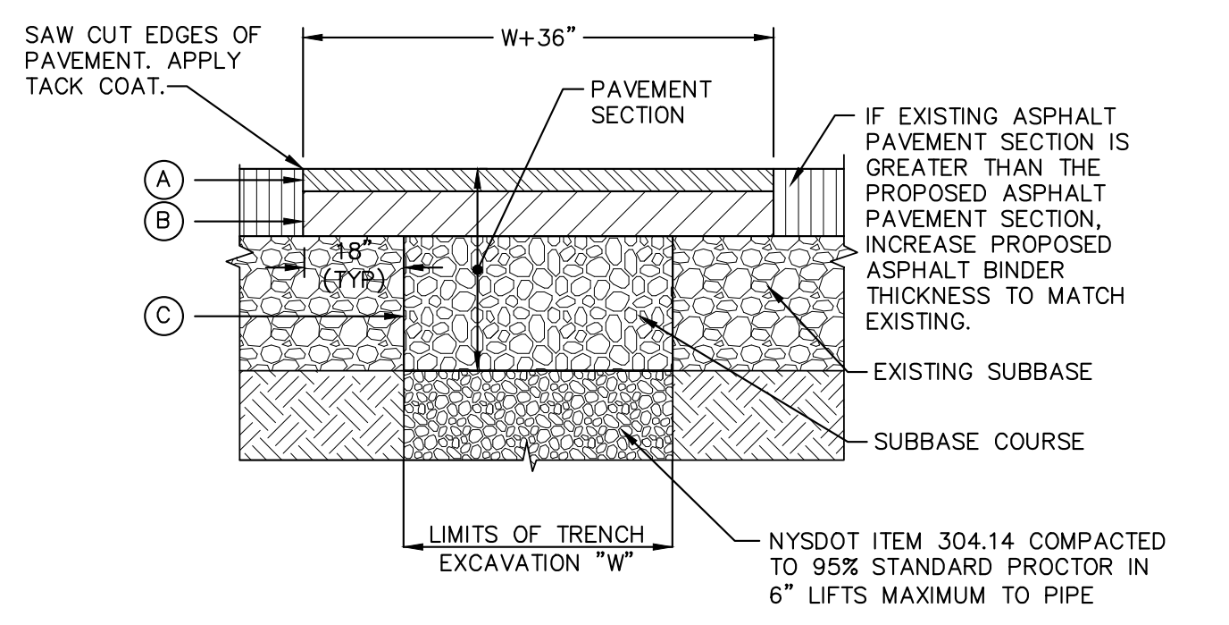
CONCRETE SIDEWALK DETAIL
NOT TO SCALE


1½" NYSDOT ASPHALT CONCRETE, TYPE 6F TOP COURSE.
2½" NYSDOT ASPHALT CONCRETE, TYPE 3 BINDER COURSE.
6" NYSDOT ITEM NO. 304.14 SUBBASE COURSE COMPACTED TO 95% MODIFIED PROCTOR
PROOF ROLLED SUBGRADE, OR COMPACTED SELECT GRANULAR FILL (SEE NOTES NO. 4 & 5).
GEOTECNICAL FABRIC MIRAFI 500X OR APPROVED EQUIVALENT (AOBE – SEE NOTES BELOW)

NOTES:

1. MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED JANUARY 2, 2002.
2. SUBGRADE SHALL NOT INCLUDE FROZEN MATERIALS, DEBRIS, ORGANIC MATERIALS, LARGE STONES OR OTHER UNSUITABLE MATERIALS.
3. TACK COAT WHEN SPECIFIED OR CALLED OUT IN THESE DRAWINGS OR REQUIRED BY THE REFERENCED SPECIFICATIONS SHALL CONFORM WITH SECTION 407-TACK COAT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
4. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSES OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMANCE WITH SECTION 203-EXCAVATION AND EMBANKMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
5. IT IS EXPECTED THAT THE EXISTING SITE SUB-SOILS ARE SAND AND GRAVEL IN NATURE (CALIFORNIA BEARING RATIO RANGE BETWEEN 40 AND 80) . IF UNSUITABLE SOILS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR POSSIBLE MODIFICATIONS TO THE PAVEMENT DETAIL.

PAVEMENT SECTION DETAIL
NOT TO SCALE


SAW CUT EDGES OF PAVEMENT. APPLY TACK COAT.
W+36"
PAVEMENT SECTION
IF EXISTING ASPHALT PAVEMENT SECTION IS GREATER THAN THE PROPOSED ASPHALT PAVEMENT SECTION, INCREASE PROPOSED ASPHALT BINDER THICKNESS TO MATCH EXISTING.
A
B
C
18" (TYP)
EXISTING SUBBASE
SUBBASE COURSE
LIMITS OF TRENCH EXCAVATION "W"
NYSDOT ITEM 304.14 COMPACTED TO 95% STANDARD PROCTOR IN 6" LIFTS MAXIMUM TO PIPE

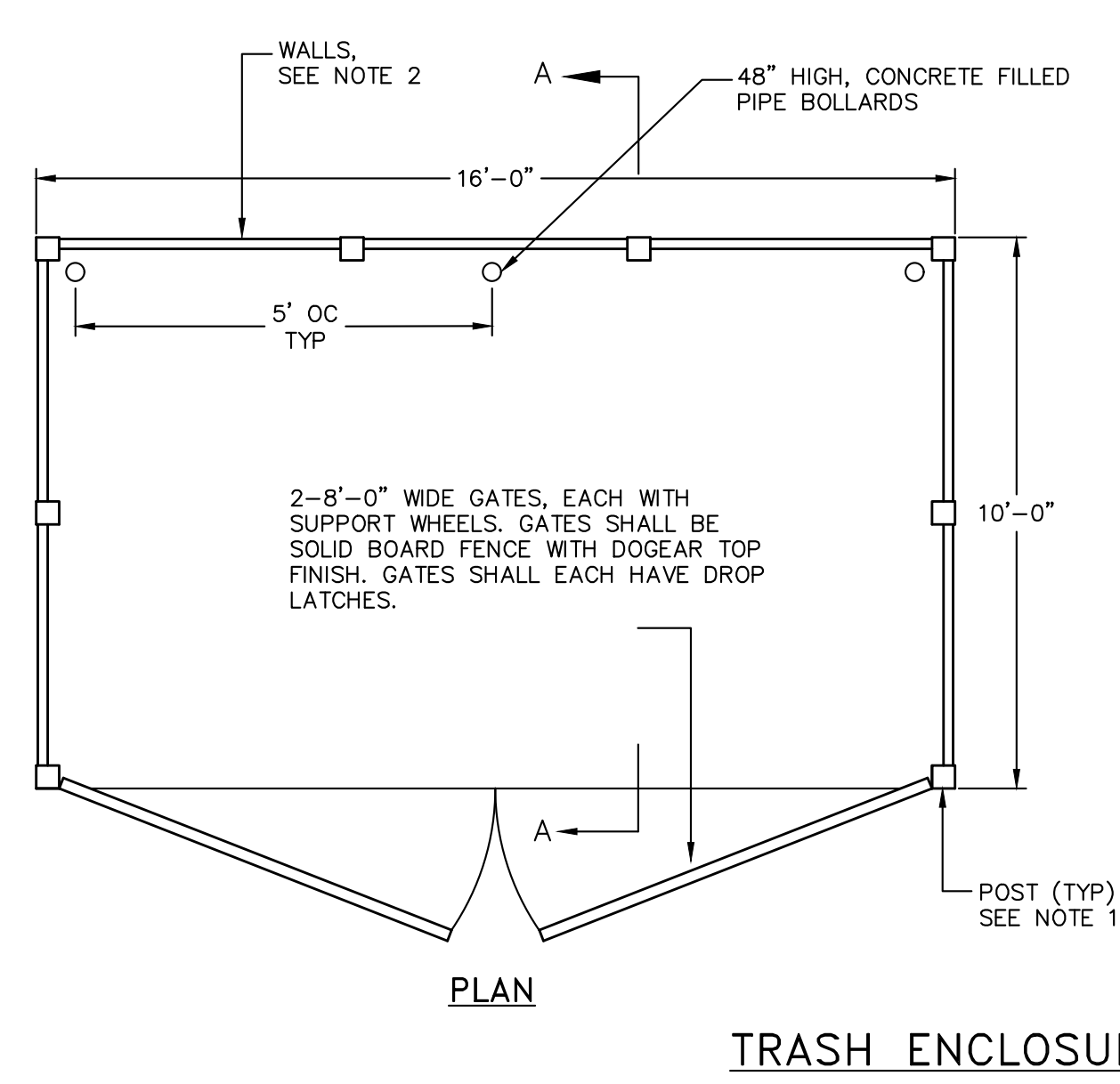
LEGEND

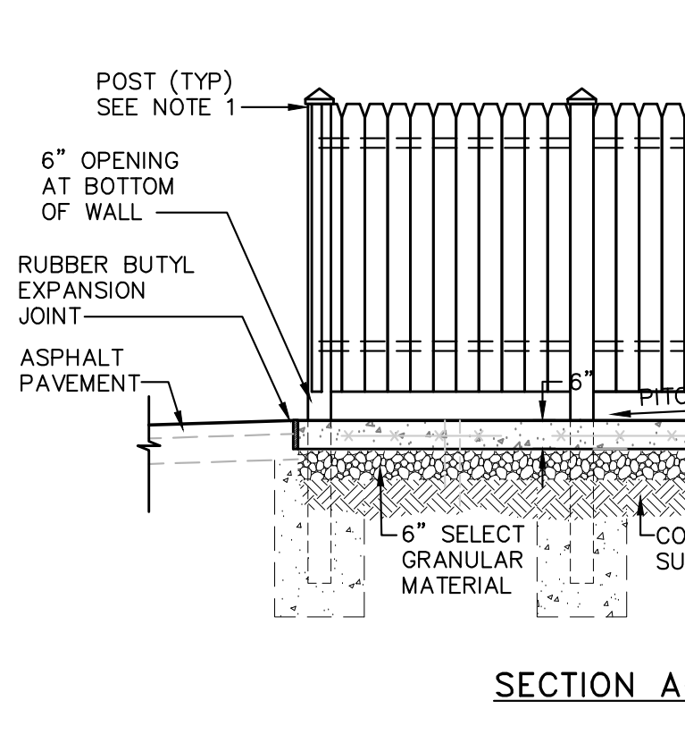
- Ⓐ 1-1/2" ASPHALT CONCRETE TOP COURSE- NYSDOT TYPE 6F
- Ⓑ 2 1/2" ASPHALT CONCRETE BINDER COURSE- NYSDOT TYPE 3
- Ⓒ 6" GRANULAR SUBBASE COURSE- NYSDOT ITEM 304.14

NOTES:

1. SAW CUT MIN. 18" BEYOND EXCAVATION WITH SMOOTH EDGES. 18" JOINT BETWEEN EXISTING AND NEW TOP COURSE TO BE MILLED. JOINT TO BE SEALED WITH POLYMER MODIFIED SEALER.
2. FURNISH, PLACE, AND COMPACT SUBBASE.
3. TACK COAT IN ACCORDANCE WITH NYSDOT STANDARD SPEC.
4. FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT AS SPECIFIED.

PAVEMENT RESTORATION DETAIL
NOT TO SCALE

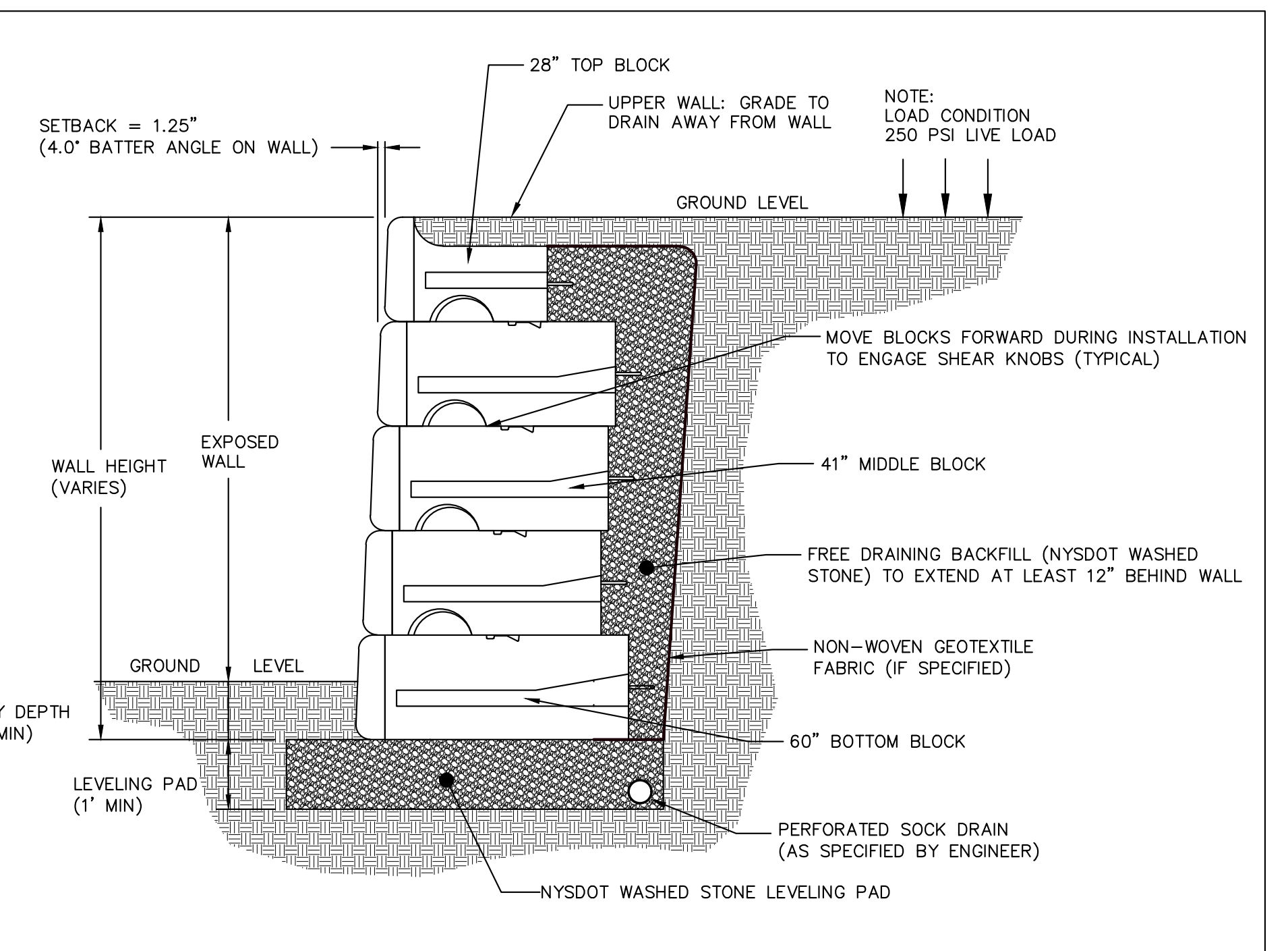

WALLS, SEE NOTE 2
A
48" HIGH, CONCRETE FILLED PIPE BOLLARDS
16'-0"
5' OC TYP
10'-0"
2-8'-0" WIDE GATES, EACH WITH SUPPORT WHEELS. GATES SHALL BE SOLID BOARD FENCE WITH DOGEAR TOP FINISH. GATES SHALL EACH HAVE DROP LATCHES.
POST (TYP) SEE NOTE 1
PLAN


1"X6" WOOD SLATS WITH CHAMFERED EDGE
POST (TYP) SEE NOTE 1
6" OPENING AT BOTTOM OF WALL
RUBBER BUTYL EXPANSION JOINT
ASPHALT PAVEMENT
7'-0"
6"
PITCH
GRADE
6" DEEP REINFORCED CONCRETE SLAB. 6x6-W2.9xW2.9 WWF (2" MIN COVER)
6" SELECT GRANULAR MATERIAL
COMPACTED SUBGRADE
POST SET IN CLASS 'A' CONCRETE 12"ø SONOTUBE, 4' MIN DEPTH
SECTION A-A

NOTES

1. POSTS SHALL HAVE A DECORATIVE CAP, CONSISTENT WITH THE ARTS & CRAFTS STYLE, AS APPROVED BY OWNER. POST SPACING SHALL BE AS REQUIRED BY WALL CONSTRUCTION.
2. WALLS OF DUMPSTER ENCLOSURE SHALL BE A SOLID WOOD PRIVACY FENCING NATURAL STAIL OR PAINT TO COMPLEMENT BUILDING.

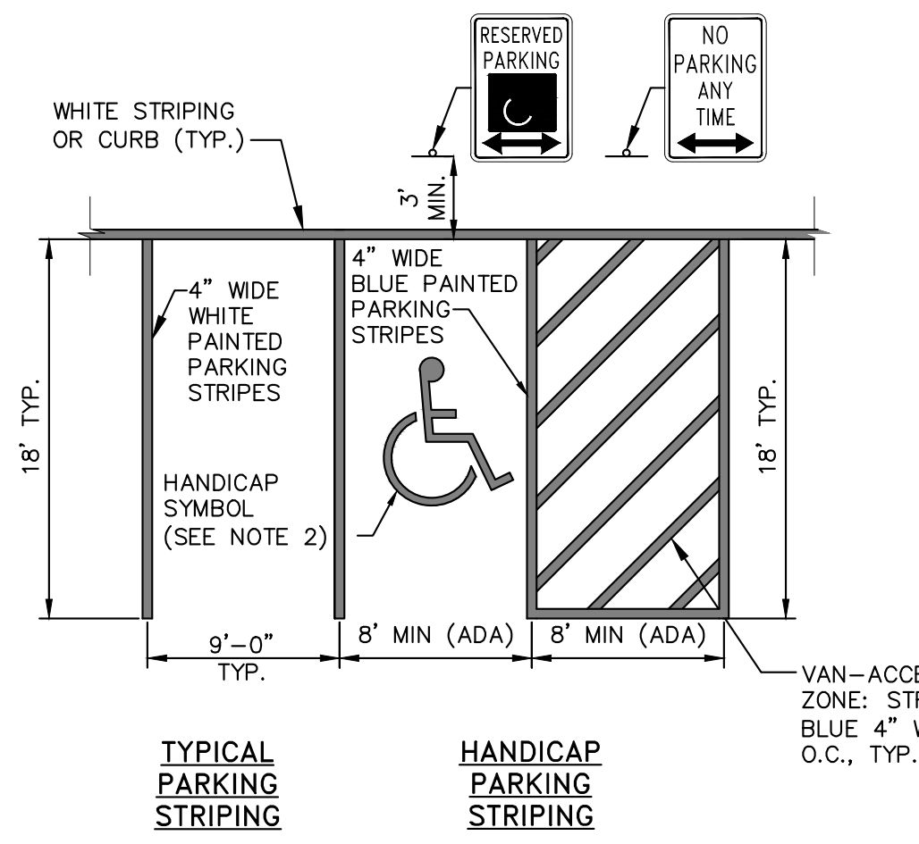
TRASH ENCLOSURE DETAILS
NOT TO SCALE


28" TOP BLOCK
UPPER WALL: GRADE TO DRAIN AWAY FROM WALL
NOTE: LOAD CONDITION 250 PSI LIVE LOAD
SETBACK = 1.25" (4.0° BATTER ANGLE ON WALL)
GROUND LEVEL
MOVE BLOCKS FORWARD DURING INSTALLATION TO ENGAGE SHEAR KNOBS (TYPICAL)
WALL HEIGHT (VARIES)
EXPOSED WALL
41" MIDDLE BLOCK
FREE DRAINING BACKFILL (NYSDOT WASHED STONE) TO EXTEND AT LEAST 12" BEHIND WALL
GROUND LEVEL
NON-WOVEN GEOTEXTILE FABRIC (IF SPECIFIED)
BURY DEPTH (6" MIN)
60" BOTTOM BLOCK
LEVELING PAD (1' MIN)
PERFORATED SOCK DRAIN (AS SPECIFIED BY ENGINEER)
NYSDOT WASHED STONE LEVELING PAD

NOTES:

1. RETAINING WALL MANUFACTURED BY REDI-ROCK OR APPROVED EQUAL.
2. THIS DETAIL FOR SITE PLAN APPROVAL ONLY TO SHOW GENERAL WALL ASSEMBLY. FINAL DESIGN DOCUMENTS SHALL BE PROVIDED TO THE CITY OF BEACON FOR REVIEW PRIOR TO CONSTRUCTION.

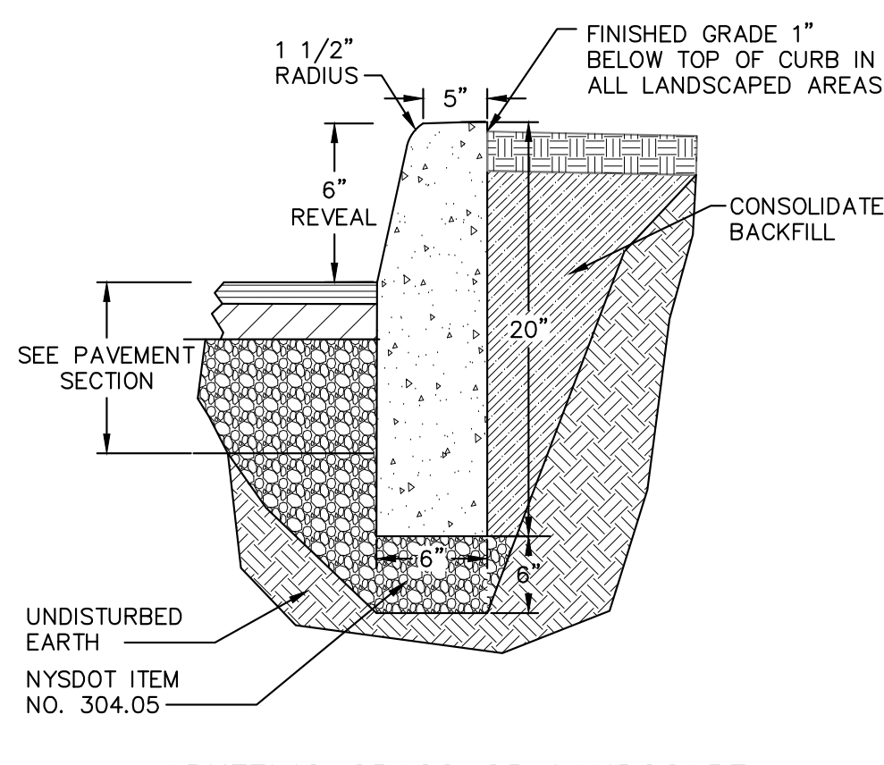
TYPICAL REDI-ROCK GRAVITY WALL
NOT TO SCALE


RESERVED PARKING
NO PARKING ANY TIME
WHITE STRIPING OR CURB (TYP.)
3' MIN.
4" WIDE WHITE PAINTED PARKING STRIPES
4" WIDE BLUE PAINTED PARKING STRIPES
HANDICAP SYMBOL (SEE NOTE 2)
18' TYP.
9'-0" TYP.
8' MIN (ADA)
8' MIN (ADA)
VAN-ACCESSIBLE LOADING ZONE: STRIPING SHALL BE BLUE 4" WIDE, BY 2'-6" O.C., TYP.
TYPICAL PARKING STRIPING
HANDICAP PARKING STRIPING

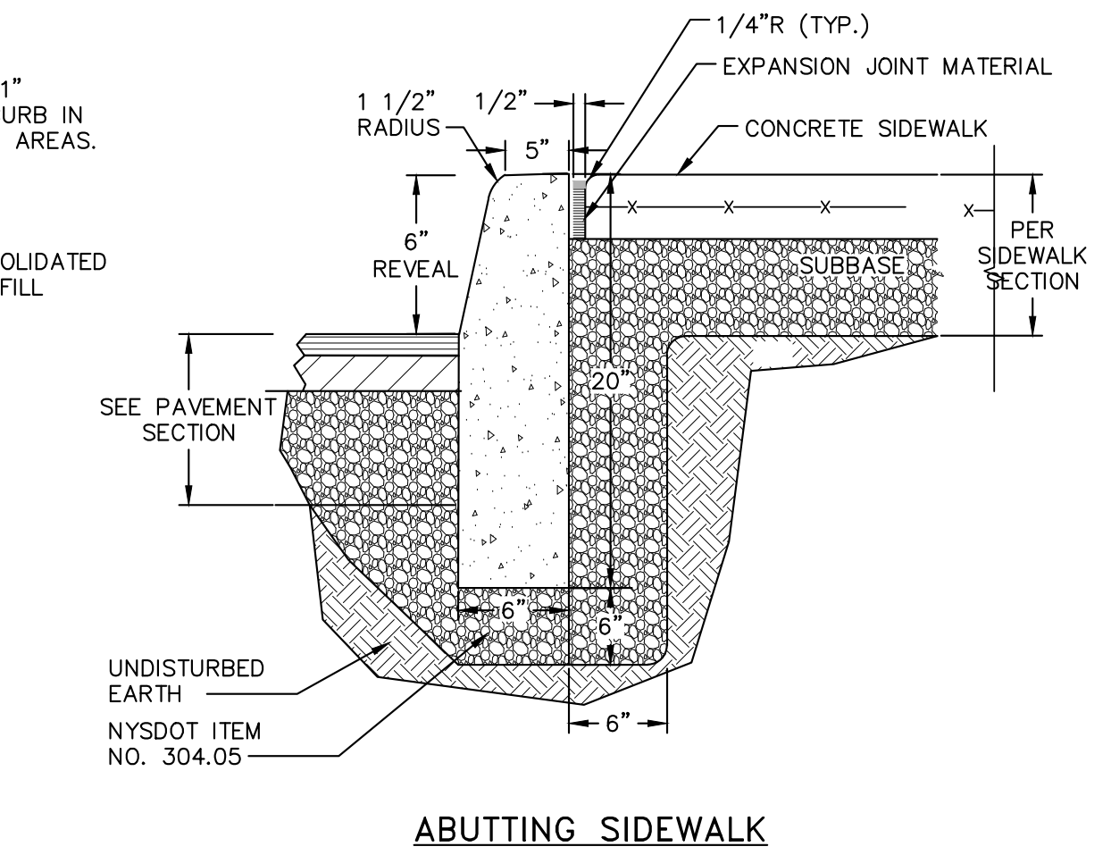
NOTES:

1. ALL DIMENSIONS SUBJECT TO CURRENT MUNICIPALITY ZONING AND SITE REGULATIONS.
2. PAINTED HANDICAP SYMBOL TO BE IN ACCORDANCE WITH NYSDOT AND ADA STANDARDS.
3. IF PARKING ABUTS A SIDEWALK, THEN THE REGULATORY SIGNS SHALL BE PLACED BEHIND THE SIDEWALK.

PARKING AND STRIPING DETAIL
NOT TO SCALE



ABUTTING GRASS OR LANDSCAPE

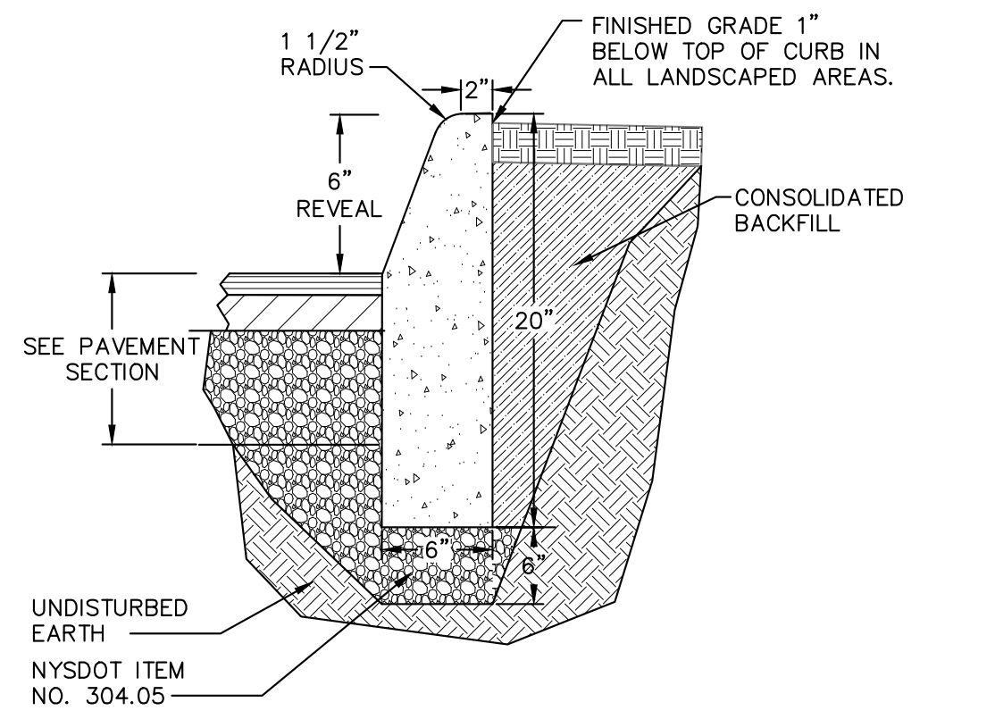


ABUTTING SIDEWALK

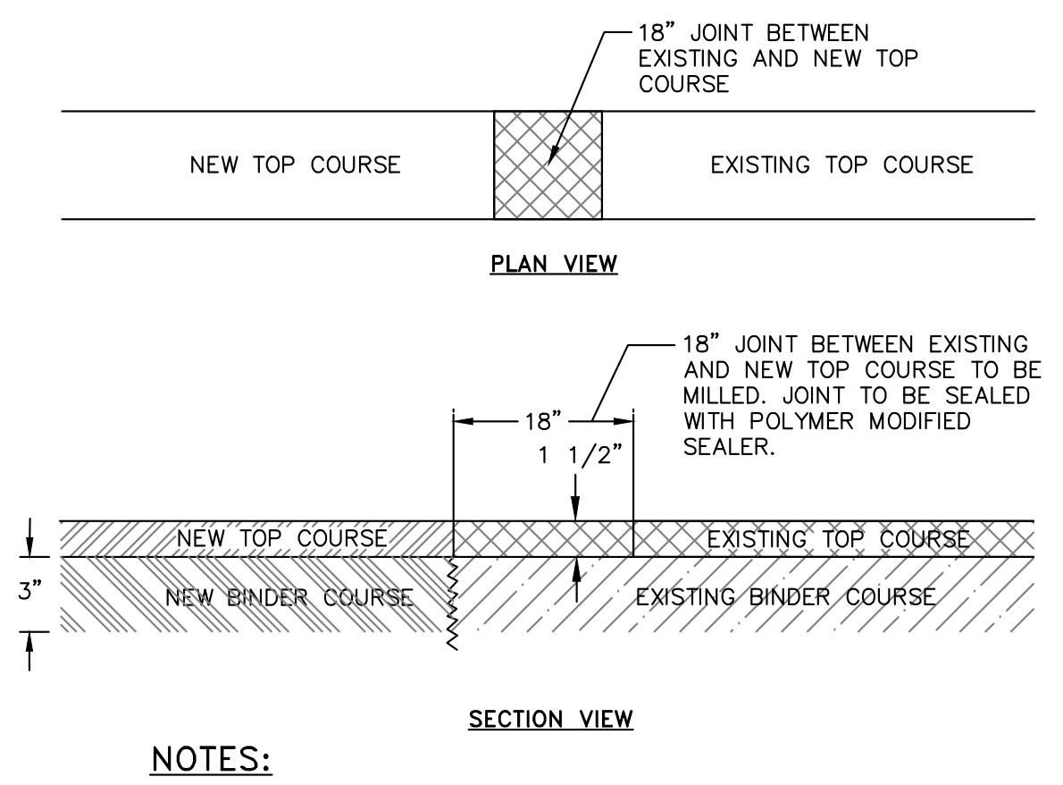
NOTES:

1. CONCRETE CURB SHALL BE 4,000 PSI CAST-IN-PLACE, AND IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION SECTION 609.
2. EXPANSION JOINTS OF 1/2" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT 10 FOOT INTERVALS.
3. FOR MOUNTABLE CURBS ABUTTING SIDEWALK OR OTHER HARDSCAPE, REFER TO "ABUTTING SIDEWALK" DETAIL.

CAST-IN-PLACE CONCRETE CURB DETAIL
NOT TO SCALE



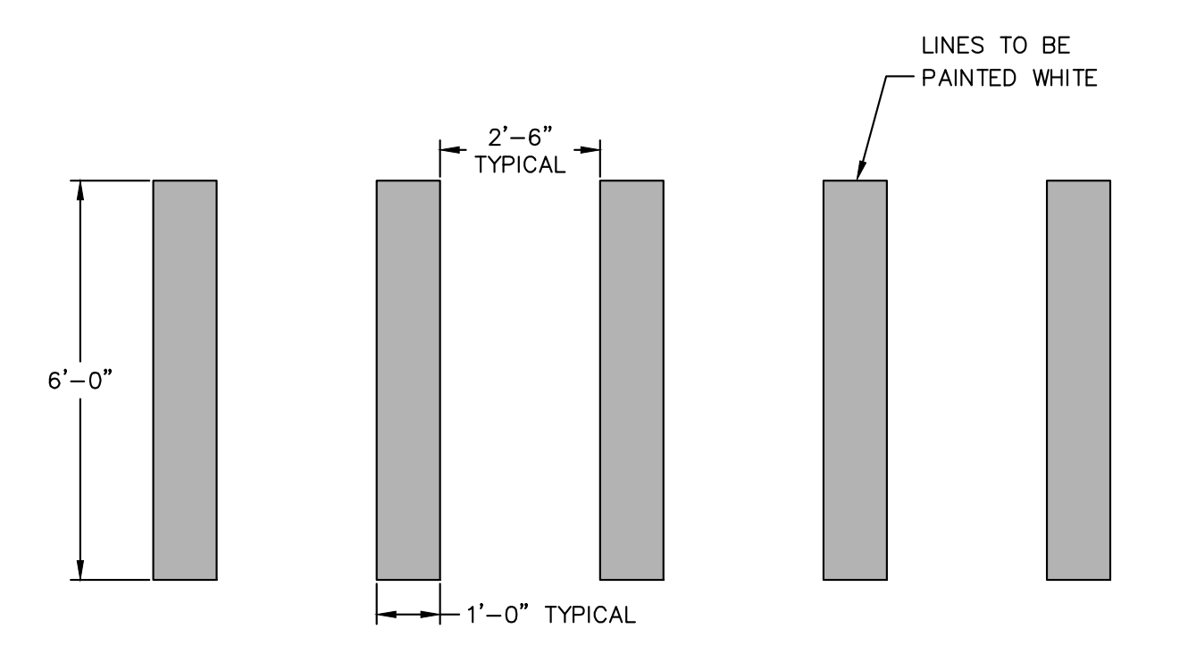
MOUNTABLE CURB ABUTTING GRASS OR LANDSCAPE
NOT TO SCALE


18" JOINT BETWEEN EXISTING AND NEW TOP COURSE
NEW TOP COURSE
EXISTING TOP COURSE
PLAN VIEW
18" JOINT BETWEEN EXISTING AND NEW TOP COURSE TO BE MILLED. JOINT TO BE SEALED WITH POLYMER MODIFIED SEALER.
18"
1 1/2"
3"
NEW TOP COURSE
EXISTING TOP COURSE
NEW BINDER COURSE
EXISTING BINDER COURSE
SECTION VIEW

NOTES:

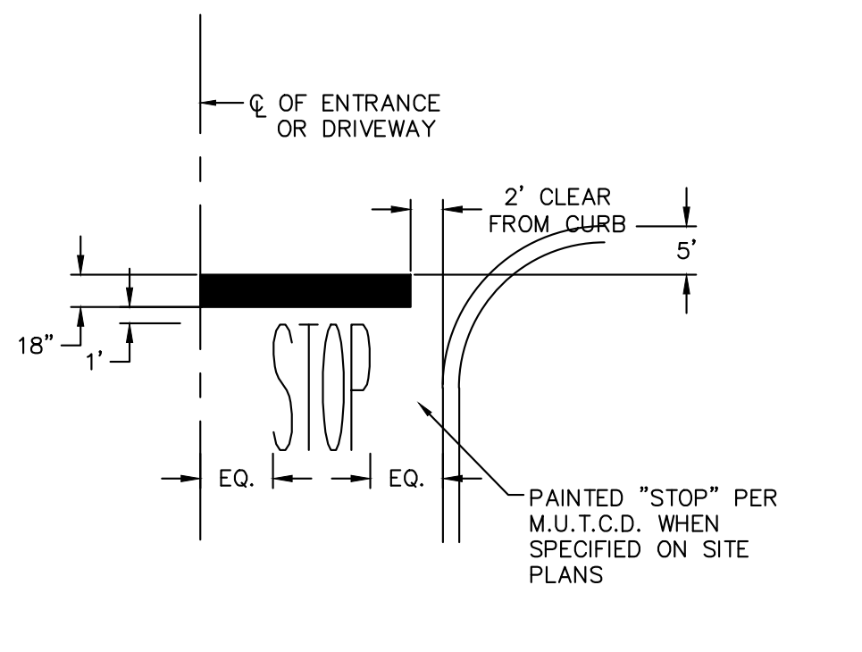
1. 3" BINDER COURSE AND 1½" TOP COURSE TO BE USED FOR RESTORATION OF PAVEMENT WITHIN CITY ROADS.
2. EXCAVATIONS ARE TO BE SAW CUT SMOOTH, ALL EDGES TACK COATED, AND ALL SEAMS SEALED WITH A HOT POLYMER MODIFIED CRACK SEALANT.
3. IF EXISTING ASPHALT PAVEMENT DEPTH IS GREATER THAN THE PROPOSED ASPHALT PAVEMENT SECTION, INCREASE PROPOSED ASPHALT BINDER THICKNESS TO MATCH EXISTING.

MILLED KEYWAY DETAIL
NOT TO SCALE

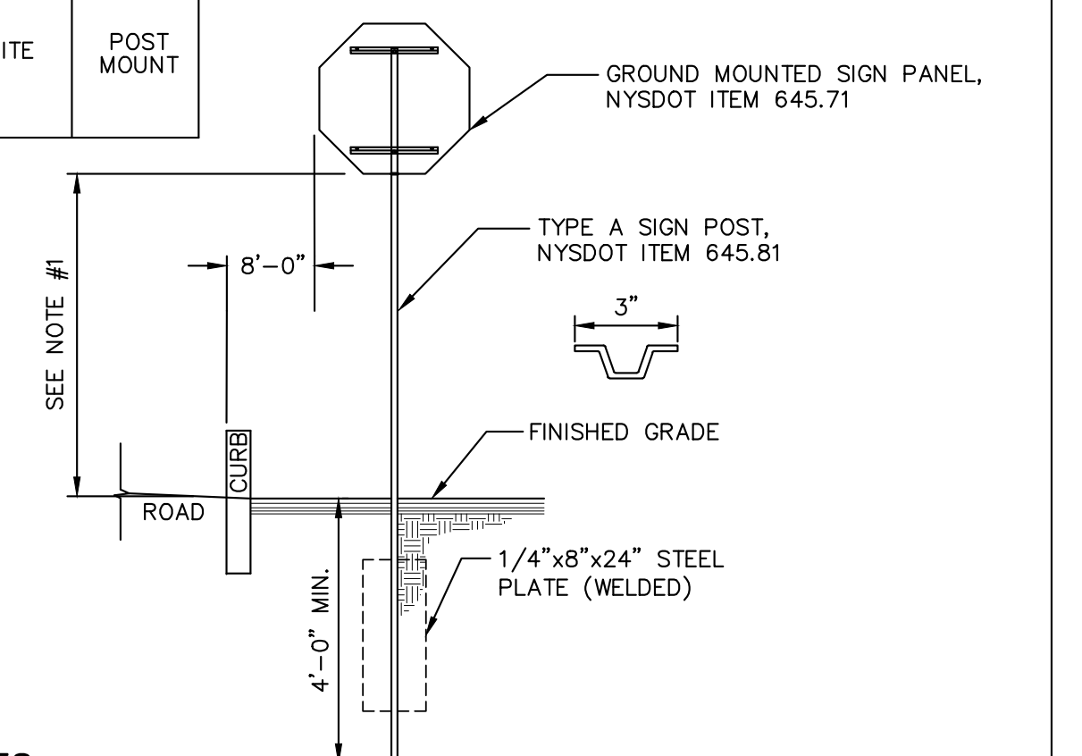


PAINTED CROSSWALK DETAIL
NOT TO SCALE

TEXT	APPROXIMTE SIZE OF SIGN	MUTCD NO.	COLOR		TYPE OF MOUNTING
			BACKGROUND	LEGEND	
STOP	30"x30"	R1-1	RED	WHITE	POST MOUNT


℄ OF ENTRANCE OR DRIVEWAY
2' CLEAR FROM CURB
5'
18"
1'
STOP
EQ.
EQ.
PAINTED "STOP" PER M.U.T.C.D. WHEN SPECIFIED ON SITE PLANS

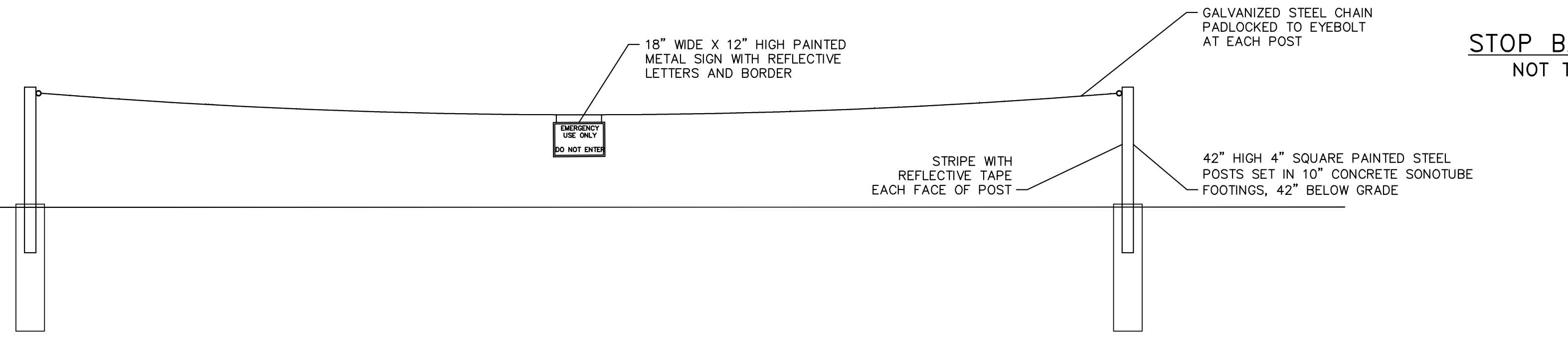
STOP BAR DETAIL
NOT TO SCALE


GROUND MOUNTED SIGN PANEL, NYSDOT ITEM 645.71
SEE NOTE #1
8'-0"
TYPE A SIGN POST, NYSDOT ITEM 645.81
3"
FINISHED GRADE
ROAD
CURB
4'-0" MIN.
1/4"x8"x24" STEEL PLATE (WELDED)

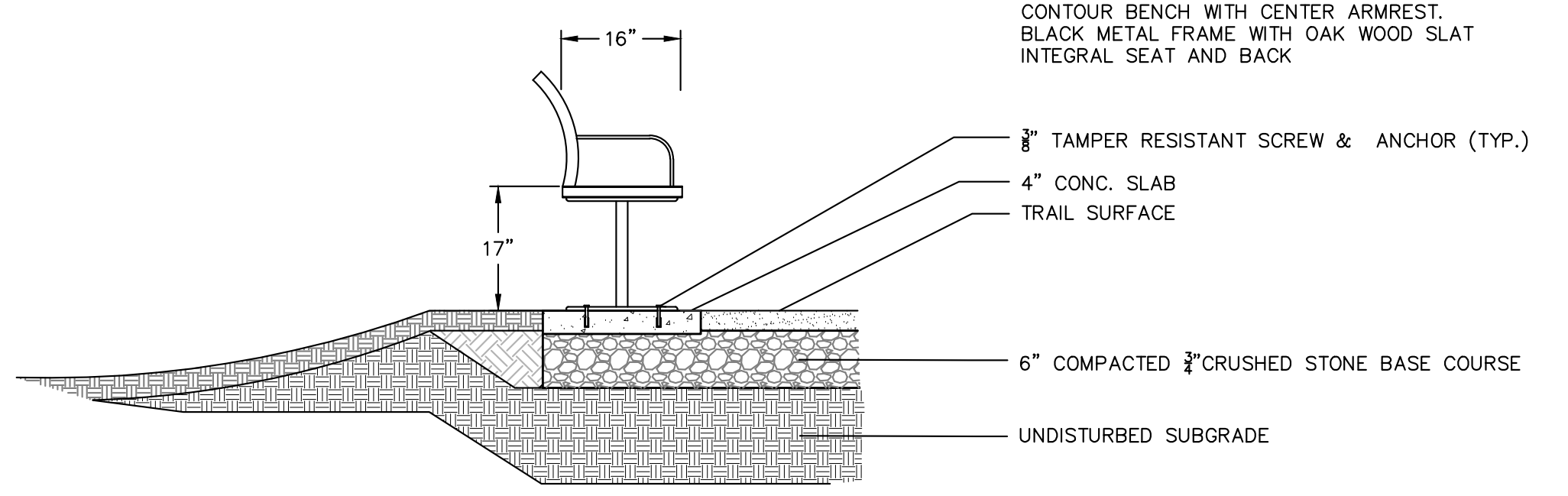
NOTES:

1. SIGN MOUNTING HEIGHT SHALL BE A MINIMUM OF 7'. MINIMUM MOUNTING HEIGHT MAY BE ADJUSTED ONLY IN ACCORDANCE WITH PROVISIONS OUTLINED IN "NYCRR, CHAPTER V-UNIFORM TRAFFIC CONTROL DEVICES."
2. SIGN POST SHALL BE IN ACCORDANCE W/ NYSDOT STANDARD SPECS SECTION 730.
3. SIGN BRACING PER NYSDOT STANDARD SHEETS.
4. SIGN POSTS WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE BREAKAWAY TYPE MEETING THE REQUIREMENTS OF THE NYSDOT.

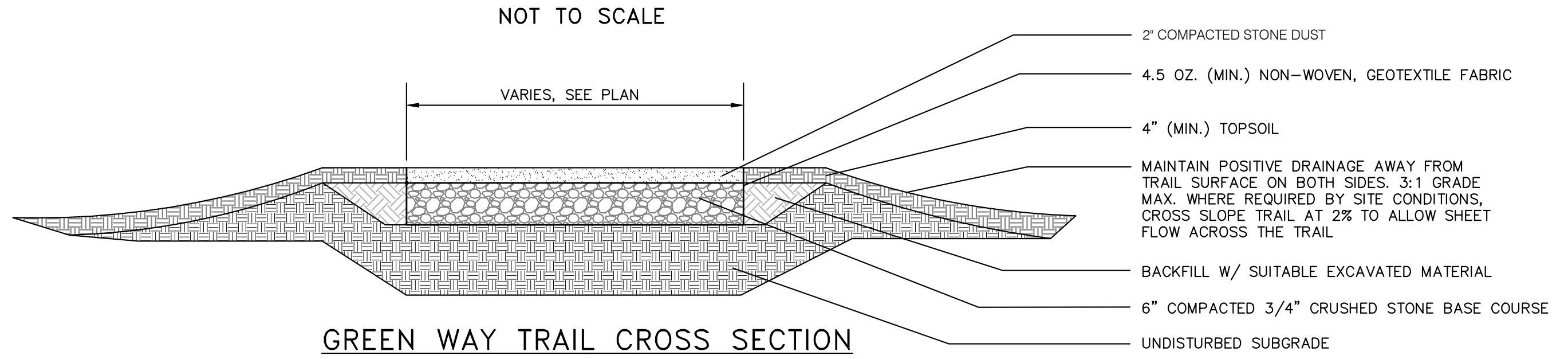
SINGLE POST SIGN DETAIL
NOT TO SCALE


18" WIDE X 12" HIGH PAINTED METAL SIGN WITH REFLECTIVE LETTERS AND BORDER
EMERGENCY USE ONLY
DO NOT ENTER
GALVANIZED STEEL CHAIN PADLOCKED TO EYEBOLT AT EACH POST
STRIPE WITH REFLECTIVE TAPE EACH FACE OF POST
42" HIGH 4" SQUARE PAINTED STEEL POSTS SET IN 10" CONCRETE SONOTUBE FOOTINGS, 42" BELOW GRADE

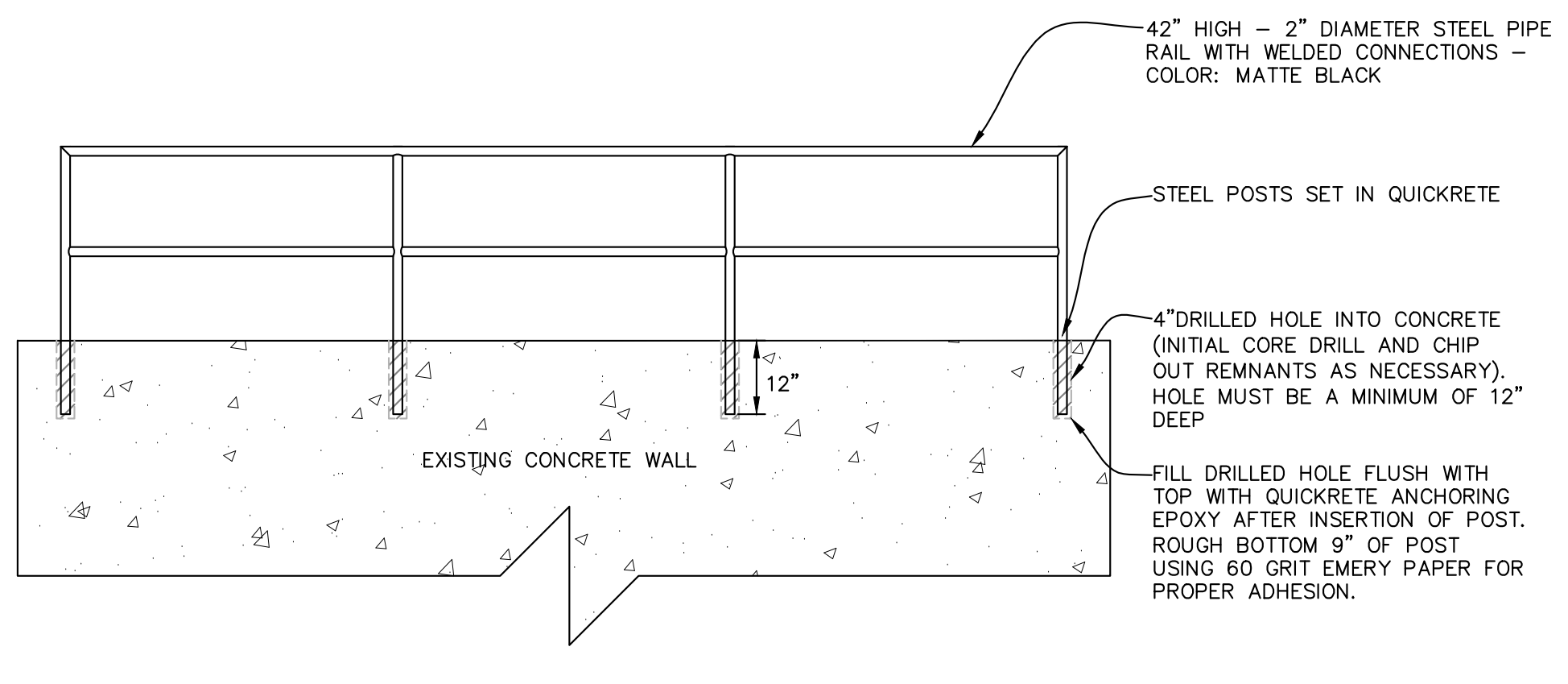
EMERGENCY GATE AT CREEK DRIVE DETAIL
NOT TO SCALE


16"
HIGHLAND 6' LONG "PALISADE" SINGLE CONTOUR BENCH WITH CENTER ARMREST. BLACK METAL FRAME WITH OAK WOOD SLAT INTEGRAL SEAT AND BACK
3/8" TAMPER RESISTANT SCREW & ANCHOR (TYP.)
4" CONC. SLAB
TRAIL SURFACE
17"
6" COMPACTED 3/4"CRUSHED STONE BASE COURSE
UNDISTURBED SUBGRADE

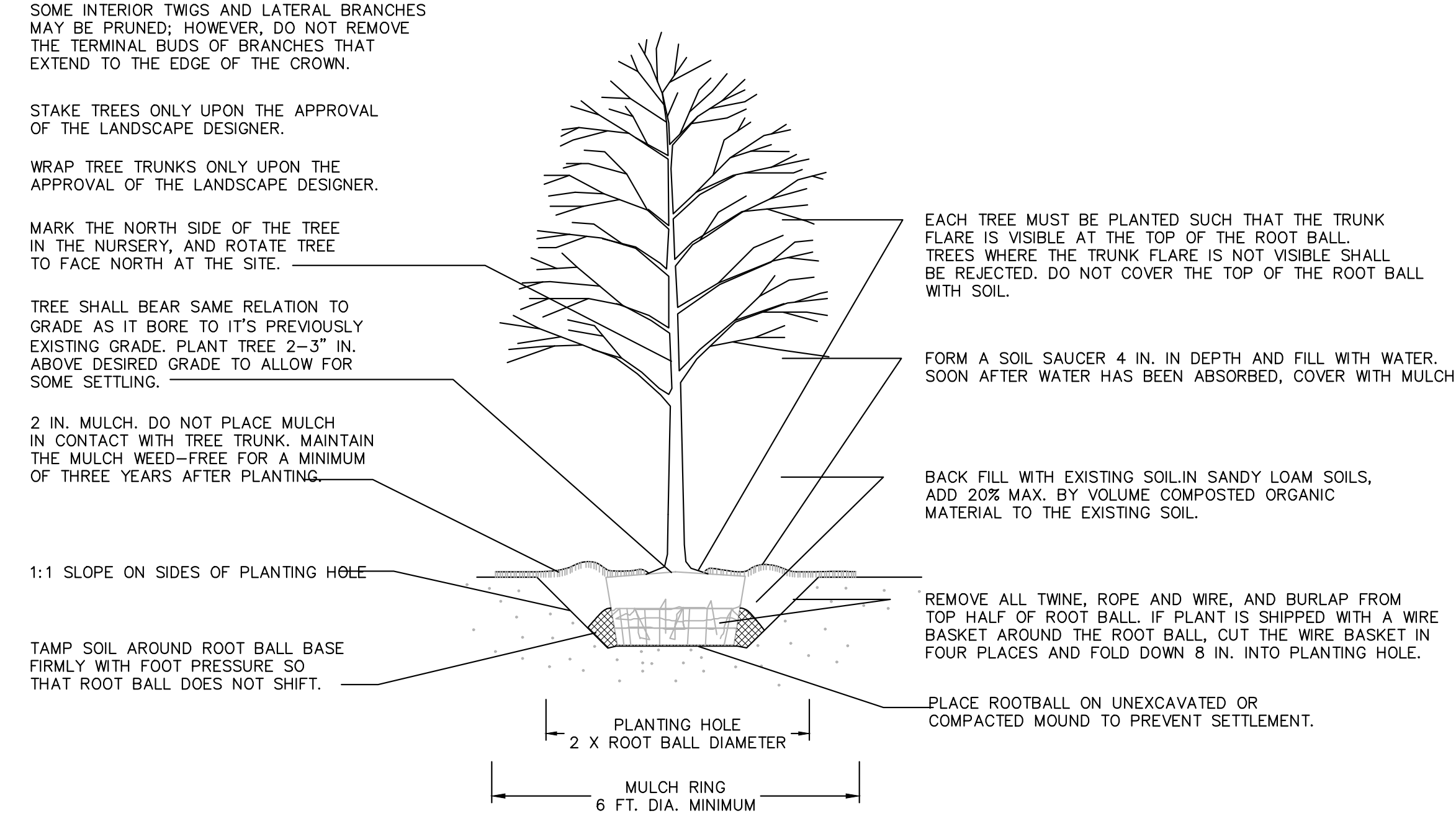
GREEN WAY TRAIL BENCH DETAIL
NOT TO SCALE


2" COMPACTED STONE DUST
4.5 OZ. (MIN.) NON-WOVEN, GEOTEXTILE FABRIC
VARIES, SEE PLAN
4" (MIN.) TOPSOIL
MAINTAIN POSITIVE DRAINAGE AWAY FROM TRAIL SURFACE ON BOTH SIDES. 3:1 GRADE MAX. WHERE REQUIRED BY SITE CONDITIONS, CROSS SLOPE TRAIL AT 2% TO ALLOW SHEET FLOW ACROSS THE TRAIL
BACKFILL W/ SUITABLE EXCAVATED MATERIAL
6" COMPACTED 3/4" CRUSHED STONE BASE COURSE
UNDISTURBED SUBGRADE

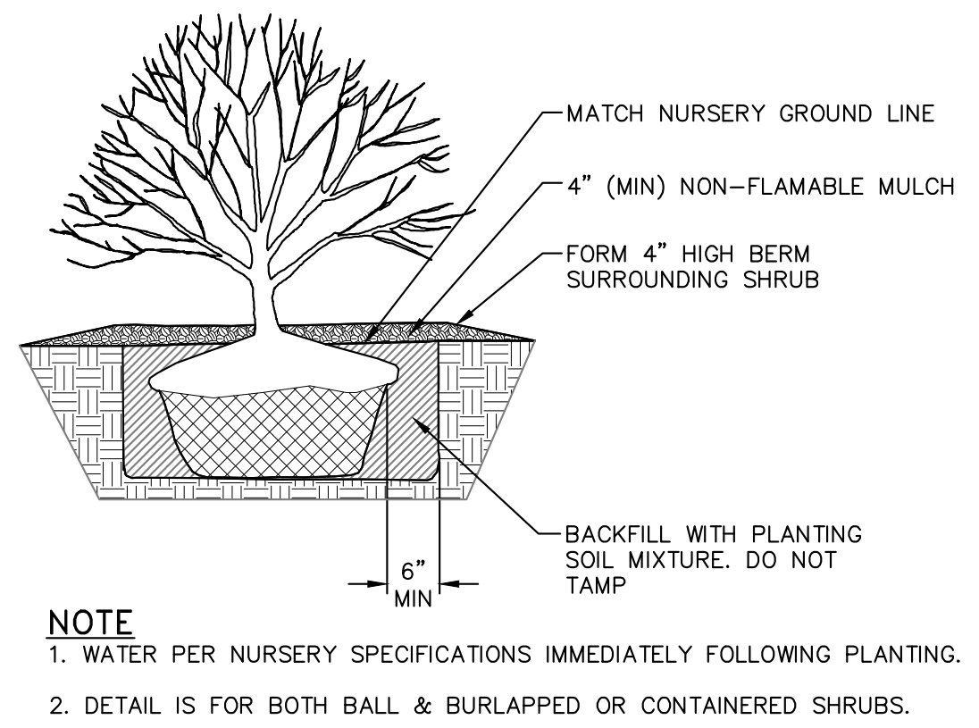
GREEN WAY TRAIL CROSS SECTION
NOT TO SCALE


42" HIGH – 2" DIAMETER STEEL PIPE RAIL WITH WELDED CONNECTIONS – COLOR: MATTE BLACK
STEEL POSTS SET IN QUICKRETE
12"
EXISTING CONCRETE WALL
4"DRILLED HOLE INTO CONCRETE (INITIAL CORE DRILL AND CHIP OUT REMNANTS AS NECESSARY). HOLE MUST BE A MINIMUM OF 12" DEEP
FILL DRILLED HOLE FLUSH WITH TOP WITH QUICKRETE ANCHORING EPOXY AFTER INSERTION OF POST. ROUGH BOTTOM 9" OF POST USING 60 GRIT EMERY PAPER FOR PROPER ADHESION.

HAND RAIL DETAIL
NOT TO SCALE


DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE DESIGNER.
WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE DESIGNER.
MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE.
TREE SHALL BEAR SAME RELATION TO GRADE AS IT BORE TO IT'S PREVIOUSLY EXISTING GRADE. PLANT TREE 2-3" IN. ABOVE DESIRED GRADE TO ALLOW FOR SOME SETTLING.
2 IN. MULCH. DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK. MAINTAIN THE MULCH WEED-FREE FOR A MINIMUM OF THREE YEARS AFTER PLANTING.
1:1 SLOPE ON SIDES OF PLANTING HOLE
TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT.
EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
FORM A SOIL SAUCER 4 IN. IN DEPTH AND FILL WITH WATER. SOON AFTER WATER HAS BEEN ABSORBED, COVER WITH MULCH.
BACK FILL WITH EXISTING SOIL.IN SANDY LOAM SOILS, ADD 20% MAX. BY VOLUME COMPOSTED ORGANIC MATERIAL TO THE EXISTING SOIL.
REMOVE ALL TWINE, ROPE AND WIRE, AND BURLAP FROM TOP HALF OF ROOT BALL. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET IN FOUR PLACES AND FOLD DOWN 8 IN. INTO PLANTING HOLE.
PLACE ROOTBALL ON UNEXCAVATED OR COMPACTED MOUND TO PREVENT SETTLEMENT.
PLANTING HOLE 2 X ROOT BALL DIAMETER
MULCH RING 6 FT. DIA. MINIMUM

TREE PLANTING DETAIL
NOT TO SCALE

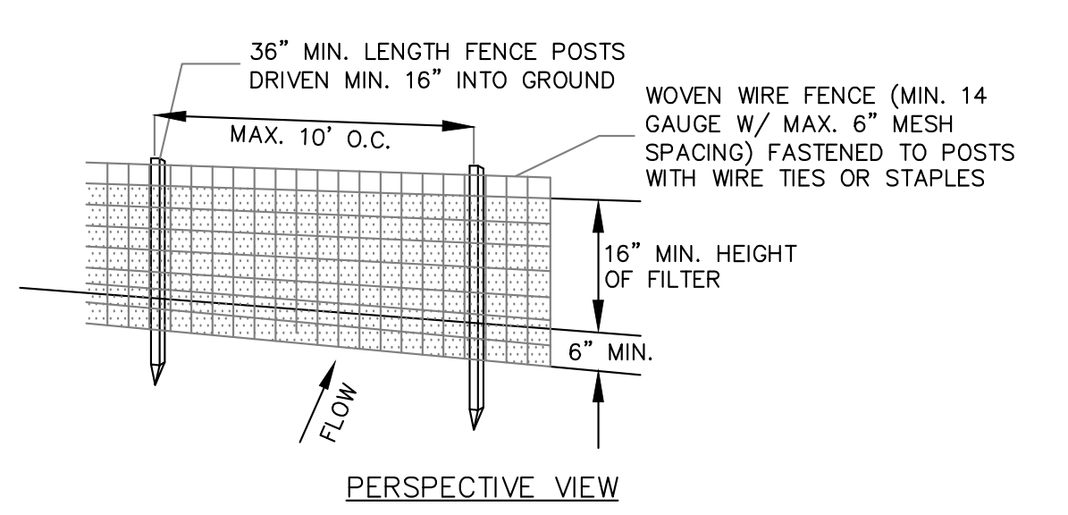

MATCH NURSERY GROUND LINE
4" (MIN) NON-FLAMABLE MULCH
FORM 4" HIGH BERM SURROUNDING SHRUB
BACKFILL WITH PLANTING SOIL MIXTURE. DO NOT TAMP
6" MIN

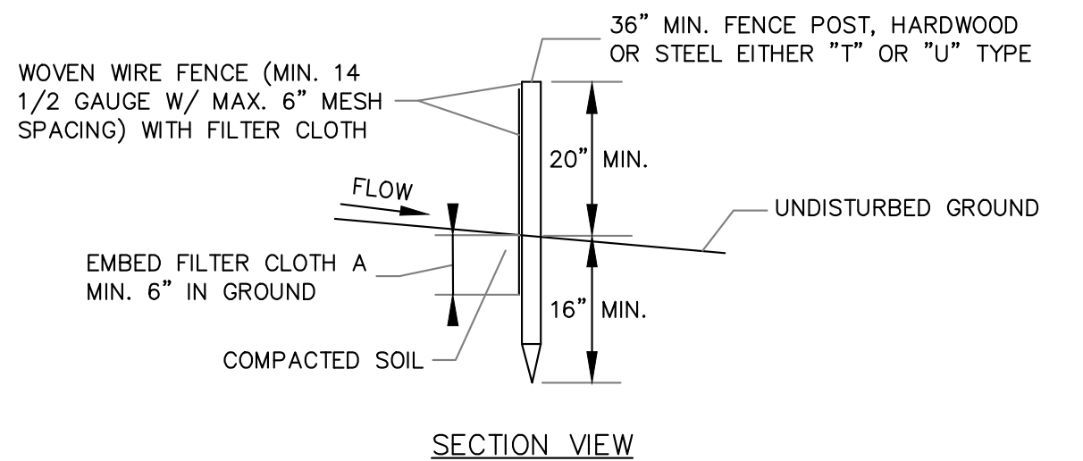
NOTE

1. WATER PER NURSERY SPECIFICATIONS IMMEDIATELY FOLLOWING PLANTING.
2. DETAIL IS FOR BOTH BALL & BURLAPPED OR CONTAINERED SHRUBS.

SHRUB PLANTING DETAIL
NOT TO SCALE

LANDSCAPE & EROSION AND SEDIMENT CONTROL DETAILS

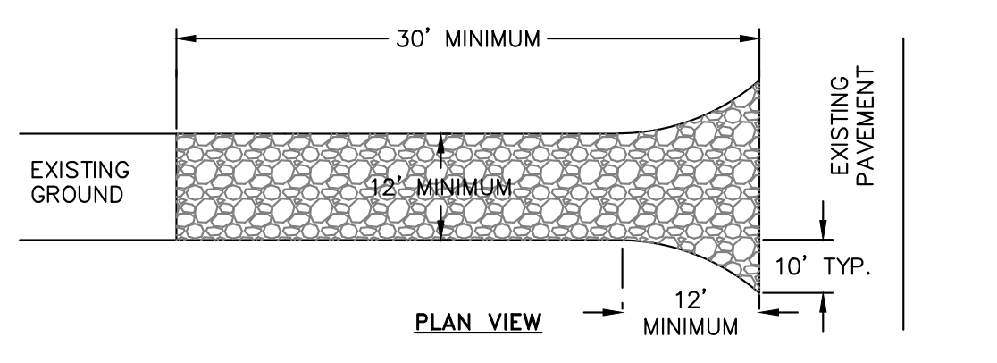

36" MIN. LENGTH FENCE POSTS DRIVEN MIN. 16" INTO GROUND
MAX. 10' O.C.
WOVEN WIRE FENCE (MIN. 14 GAUGE W/ MAX. 6" MESH SPACING) FASTENED TO POSTS WITH WIRE TIES OR STAPLES
16" MIN. HEIGHT OF FILTER
6" MIN.
FLOW
PERSPECTIVE VIEW


36" MIN. FENCE POST, HARDWOOD OR STEEL EITHER "T" OR "U" TYPE
WOVEN WIRE FENCE (MIN. 14 1/2 GAUGE W/ MAX. 6" MESH SPACING) WITH FILTER CLOTH
20" MIN.
FLOW
UNDISTURBED GROUND
EMBED FILTER CLOTH A MIN. 6" IN GROUND
16" MIN.
COMPACTED SOIL
SECTION VIEW

NOTES:

1. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
3. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE OR APPROVED EQUAL.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL
NOT TO SCALE



NOTES:

1) STONE SIZE – USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

2) LENGTH – NOT LESS THAN 30 FEET FOR A SINGLE RESIDENCE LOT.

3) THICKNESS – NOT LESS THAN SIX (6) INCHES.

4) WIDTH – 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24 FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.

5) GEOTEXTILE – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

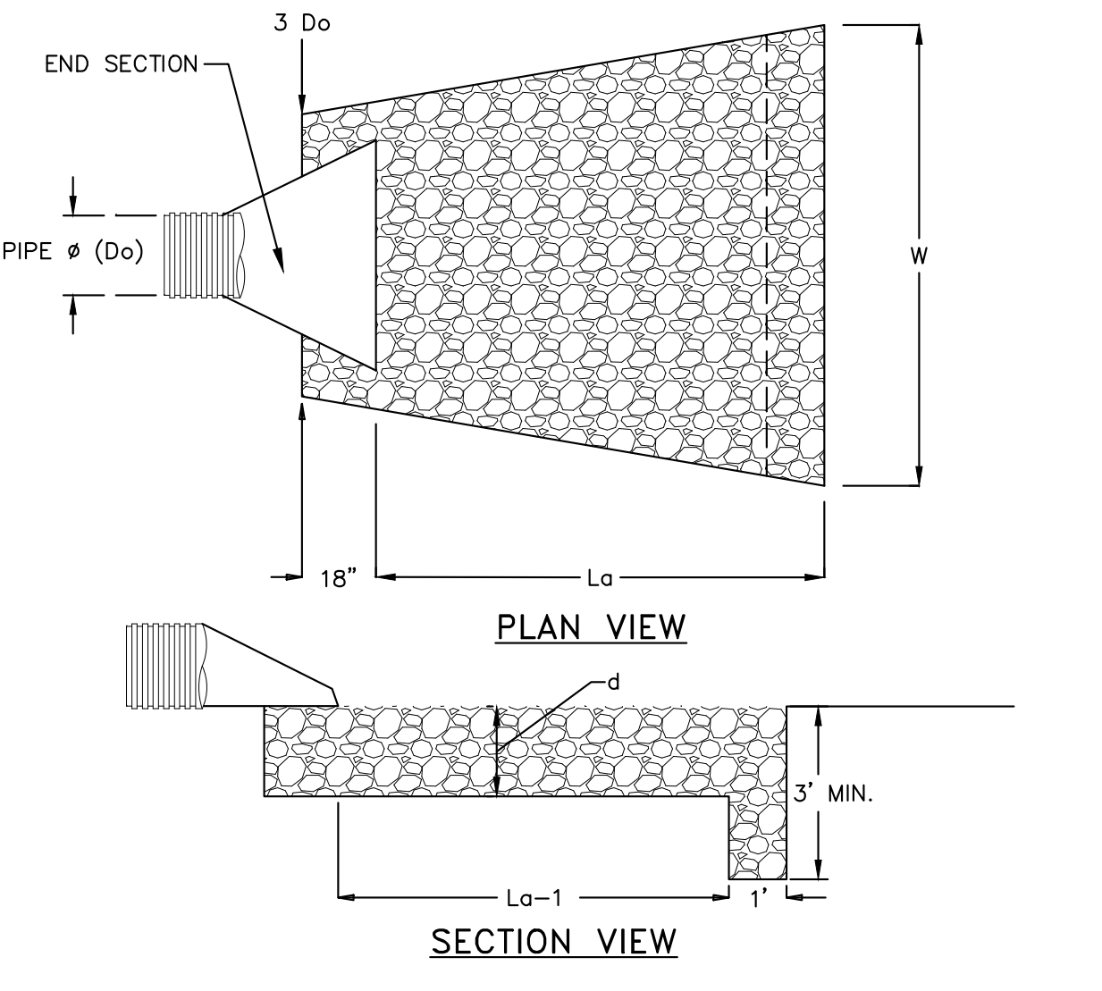
6) SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

7) MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

8) WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

9) PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

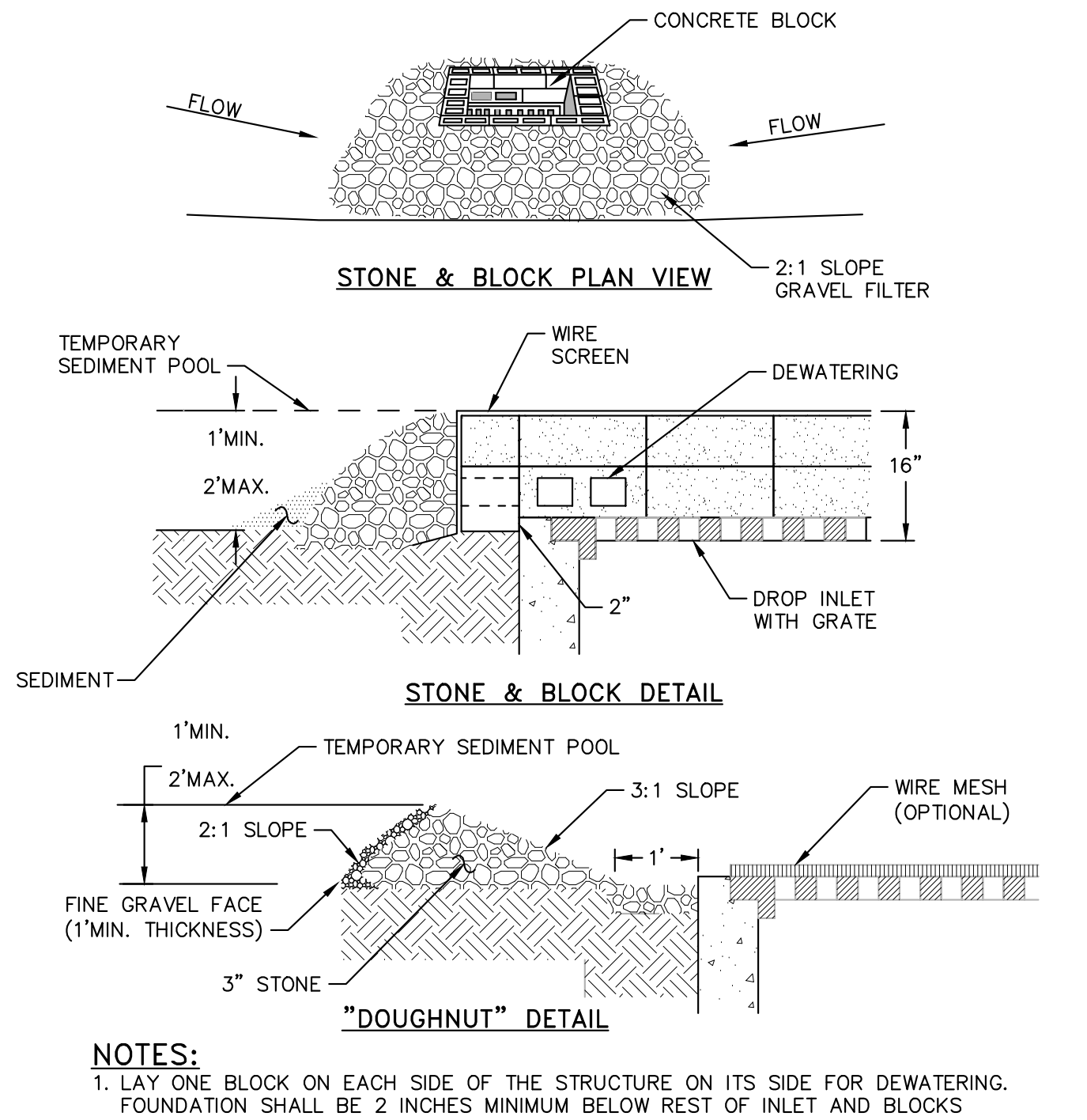
STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



NOTES:

1. SIZING INFORMATION TAKEN FROM FIGURE 5B.12 (PAGE 5B.25) AND/OR FIGURE 5B.13 (PAGE 5B.26) OF THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" 2016 EDITION.
2. RIPRAP SHALL BE COMPOSED OF A WELL-GRADED MIXTURE OF STONE SIZE SO THAT 50% OF THE PIECES SHALL BE LARGER, BY WEIGHT, THAN THE SPECIFIED d50. THE LARGEST STONE SIZE SHALL BE 1.5 TIMES d50.
3. THE MINIMUM THICKNESS OF THE RIPRAP LAYER SHALL BE 1.5 TIMES THE MAXIMUM STONE DIAMETER FOR d50 OF 15 INCHES OR LESS; AND 1.2 TIMES THE MAXIMUM STONE SIZE FOR d50 GREATER THAN 15 INCHES.
4. A LAYER OF FILTER FABRIC (THICKNESS 20-60 MILS, GRAB STRENGTH 90-120 LBS, SHALL CONFORM TO ASTM D-1777 AND ASTM D-1682) SHALL BE PLACED BETWEEN THE RIPRAP AND THE UNDERLYING SOIL SURFACE. FILTER FABRIC SHALL HAVE A MINIMUM 1' OVERLAP AT ALL SEEMS.

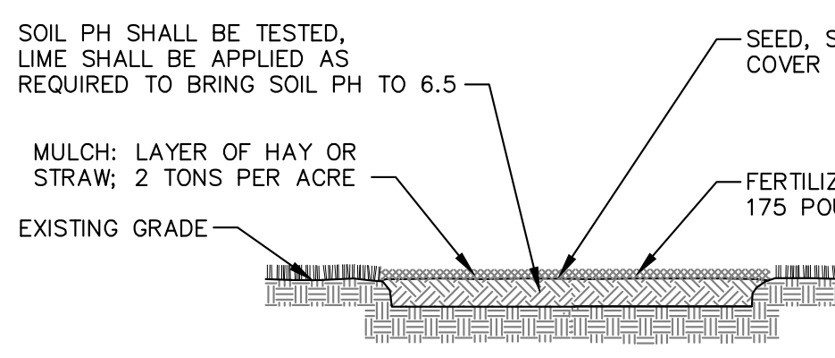
ROCK OUTLET PROTECTION DETAIL
NOT TO SCALE



NOTES:

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS. MAXIMUM DRAINAGE AREA 1 ACRE

CATCH BASIN INLET PROTECTION DETAIL
NOT TO SCALE


SOIL PH SHALL BE TESTED, LIME SHALL BE APPLIED AS REQUIRED TO BRING SOIL PH TO 6.5
SEED, SEE VEGETATIVE COVER SPECIFICATIONS BELOW
MULCH: LAYER OF HAY OR STRAW; 2 TONS PER ACRE
FERTILIZER: COMMERCIAL 5-10-5, 175 POUNDS PER ACRE
EXISTING GRADE

NOTES:

1. TOPSOIL, SEED, MULCH, AND FERTILIZE DISTURBED SOIL AREAS THAT WILL BE LEFT EXPOSED FOR 14 DAYS OR MORE.
2. SEED MIXTURE FOR USE ON LAWNS IN SUNNY AREAS:

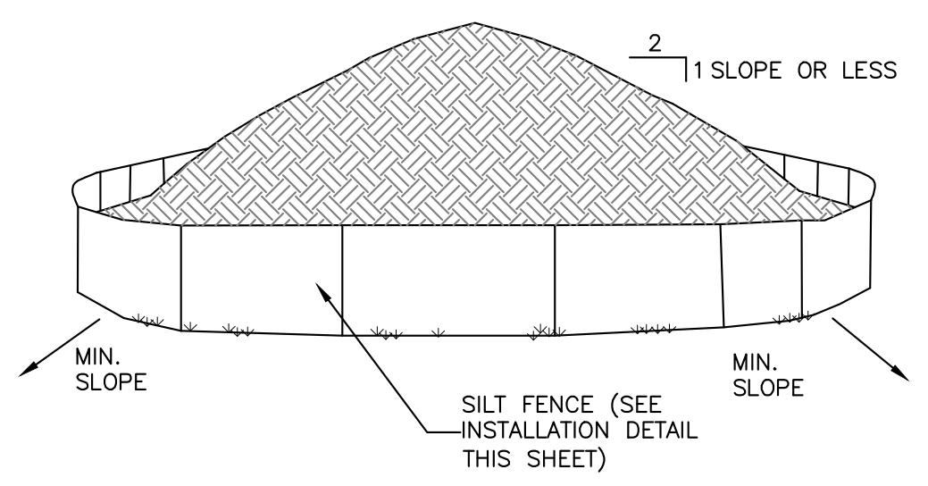
65% KENTUCKY BLUE GRASS BLEND	114 POUNDS PER ACRE
20% PERENNIAL RYEGRASS	35 POUNDS PER ACRE
15% FINE FESCUE	26 POUNDS PER ACRE
	175 POUNDS PER ACRE

3. SEED MIXTURE FOR USE IN SHADY AREAS:

80% BLEND OF SHADE TOLERANT KENTUCKY BLUEGRASS	138 POUNDS PER ACRE
20% FINE FESCUE	37 POUNDS PER ACRE
	175 POUNDS PER ACRE

4. SEED BETWEEN APRIL 1ST AND MAY 15TH OR AUGUST 15TH AND OCTOBER 15TH. SEEDING MAY OCCUR BETWEEN MAY 15TH AND AUGUST 15TH IF ADEQUATE IRRIGATION IS PROVIDED.
5. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20%. TOPSOIL SHALL HAVE NOT LESS THAN 20% FINE TEXTURED MATERIAL (PASSING THE NO. 200 SIEVE) AND NOT MORE THAN 15% CLAY.

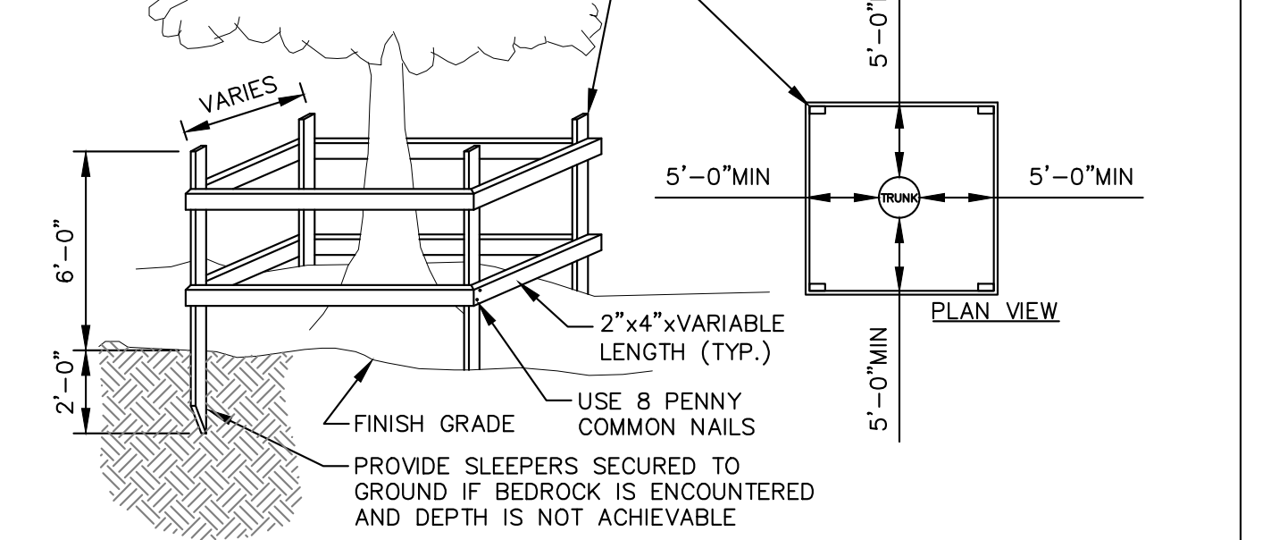
TOPSOIL, SEED AND MULCH DETAIL
NOT TO SCALE



NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.

TEMPORARY SOIL STOCKPILE DETAIL
NOT TO SCALE


(4) 2"x4"x8' LONG STAKES (TYP.)
VARIES
6'-0"
2'-0"
5'-0"MIN
5'-0"MIN
5'-0"MIN
5'-0"MIN
TRUNK
PLAN VIEW
2"x4"xVARIABLE LENGTH (TYP.)
FINISH GRADE
USE 8 PENNY COMMON NAILS
PROVIDE SLEEPERS SECURED TO GROUND IF BEDROCK IS ENCOUNTERED AND DEPTH IS NOT ACHIEVABLE

NOTES:

1. TREES TO REMAIN NOTED ON EXISTING CONDITIONS PLAN.
2. NOT ALL TREES TO REMAIN REQUIRE PROTECTION. TREE PROTECTION TO BE UTILIZED ON TREES WHERE CONSTRUCTION TRAFFIC WOULD COMPACT THE ROOT ZONE OF THE TREE.

TEMPORARY TREE PROTECTION DETAIL
NOT TO SCALE

DRAWN BY: MAB				CHECKED BY: DGK			
REVISIONS:				REVISIONS:			
NO.	DATE	DESCRIPTION	BY	NO.	DATE	DESCRIPTION	BY
1	12/25/18	REVISED FOR PLANNING BOARD SUBMISSION	MAB				
2	02/26/19	NO CHANGE ON THIS SHEET	MAB				
3	03/26/19	REVISED PER PLANNING BOARD COMMENTS	MAB				
4	04/30/19	REVISED PER PLANNING BOARD COMMENTS	MAB				
5	05/28/19	NO CHANGE THIS SHEET	MAB				

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13 CHAMBERS ST., NEWBURGH, NEW YORK 12550
PH: 845-440-6926
F: 845-440-6637

SITE AND E&SC DETAILS

23-28 CREEK DRIVE

23-28 CREEK ROAD
CITY OF BEACON
DUTCHESS COUNTY, NEW YORK
TAX ID: 6054-37-037625

JOB #:	2018:029
DATE:	10/23/2018
SCALE:	AS SHOWN
TITLE:	D-1
SHEET:	10 OF 12

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209.2 OF THE NEW YORK EDUCATION LAW