

## **St. Mark's Street Park Working Group (SMSPWG)**

### **Meeting Minutes**

**May 5 2023**

### **Southborough Public Safety Building**

**9 Cordaville Rd. Southborough MA 01772**

Working Group Members Present: Andrew Dennington, Grant Farrington, Kevin Miller, Marguerite Landry, Bill Sines, & James Nichols-Worley.

Members of the Public Present & Commenting: Patti Burns-Fiore

#### **Administrative**

1. Meeting called to order at 7:11pm by Chair Marguerite Landry
2. Amend/Approve Minutes
  - a. March 6, 2023. Dennington moves, Sines seconds. Approved 6-0. Aye: Andrew Dennington, Grant Farrington, Kevin Miller, Marguerite Landry, Bill Sines, and James Nichols-Worley.

#### **Comments on Review & Approve VHB Plans for Park Design**

3. Historical Commission secured funding through ARPA for a historical plaque for Southborough Center Historic District in northeastern corner of park
4. Stone walls formerly on parcel to be reconstructed. Walls not included on design being sent out to bid. Possibility to substitute stone fence, like on Town Common, instead of wall. Group requesting specific details on where stone walls will go, even if not included in the same bid.
5. Historical Theme for Park. No plans yet for current historical marker in center of brick plaza, remove "MEDALLION OF GRANITE" in place of future centerpiece
6. Largest trees are all white oaks, seven white spruces as windbreak. Group will ask for input on tree choices
7. Group has question about permeability of crushed granite paths, clarifications on width/radius of paths

#### **Public Comment**

8. Patti Burns-Fiore comments Town not concede control of information to the Southborough Historical Society, a 501(c)(3)

#### **Administrative**

9. Dennington moves to adjourn, Nichols-Worley seconds. Approved 5-0-1. Aye: Andrew

Dennington, Grant Farrington, Marguerite Landry, Bill Sines, and James Nichols-Worley. Kevin Miller abstains.

**Meeting adjourned at 8:41pm**

**Documents**

VHB Park Design received May 2, 2023 ("PLAN AND DETAILS FOR SOUTHBOROUGH HISTORY WALK - ST. MARK'S PARK")

***Submitted by James Nichols-Worley, Secretary, May, 2023***

PLAN AND DETAILS FOR

# SOUTHBOROUGH HISTORY WALK - ST. MARK'S PARK

IN THE TOWN OF

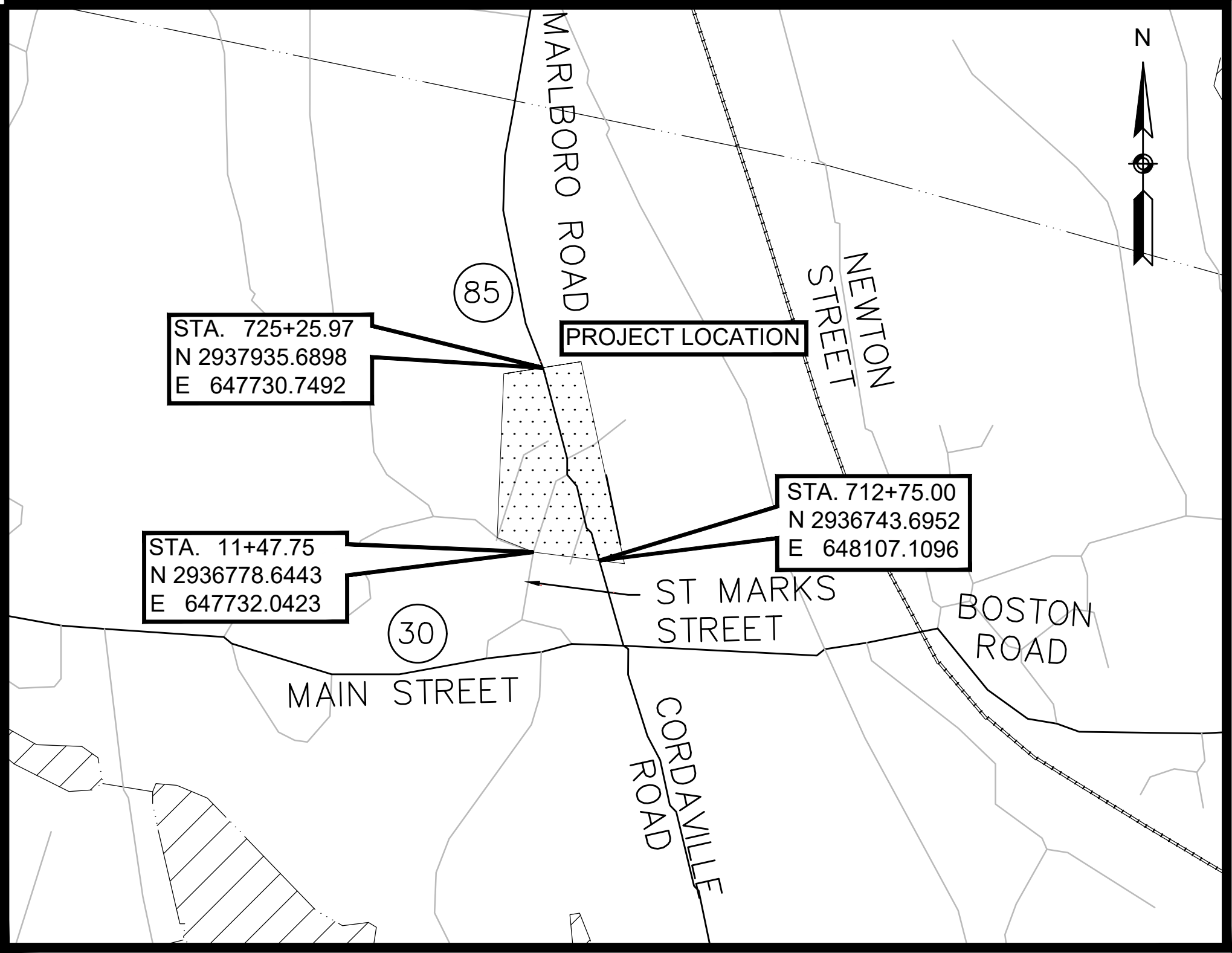
## SOUTHBOROUGH

## WORCESTER COUNTY

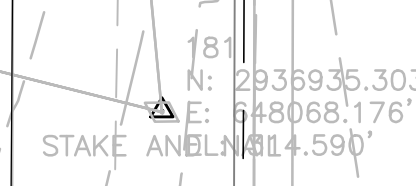
THESE PLANS ARE SUPPLEMENTED BY THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

INDEX

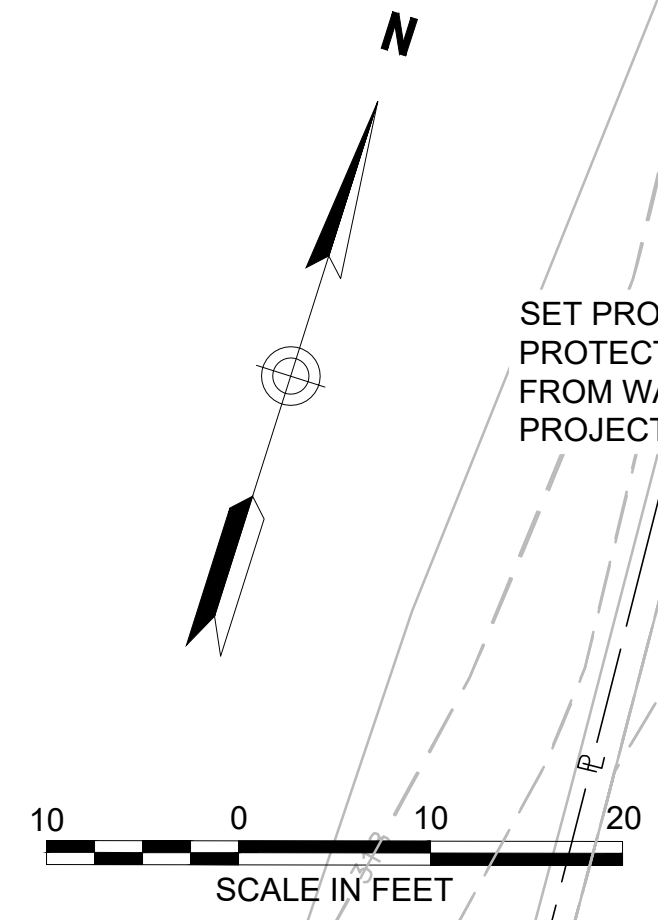
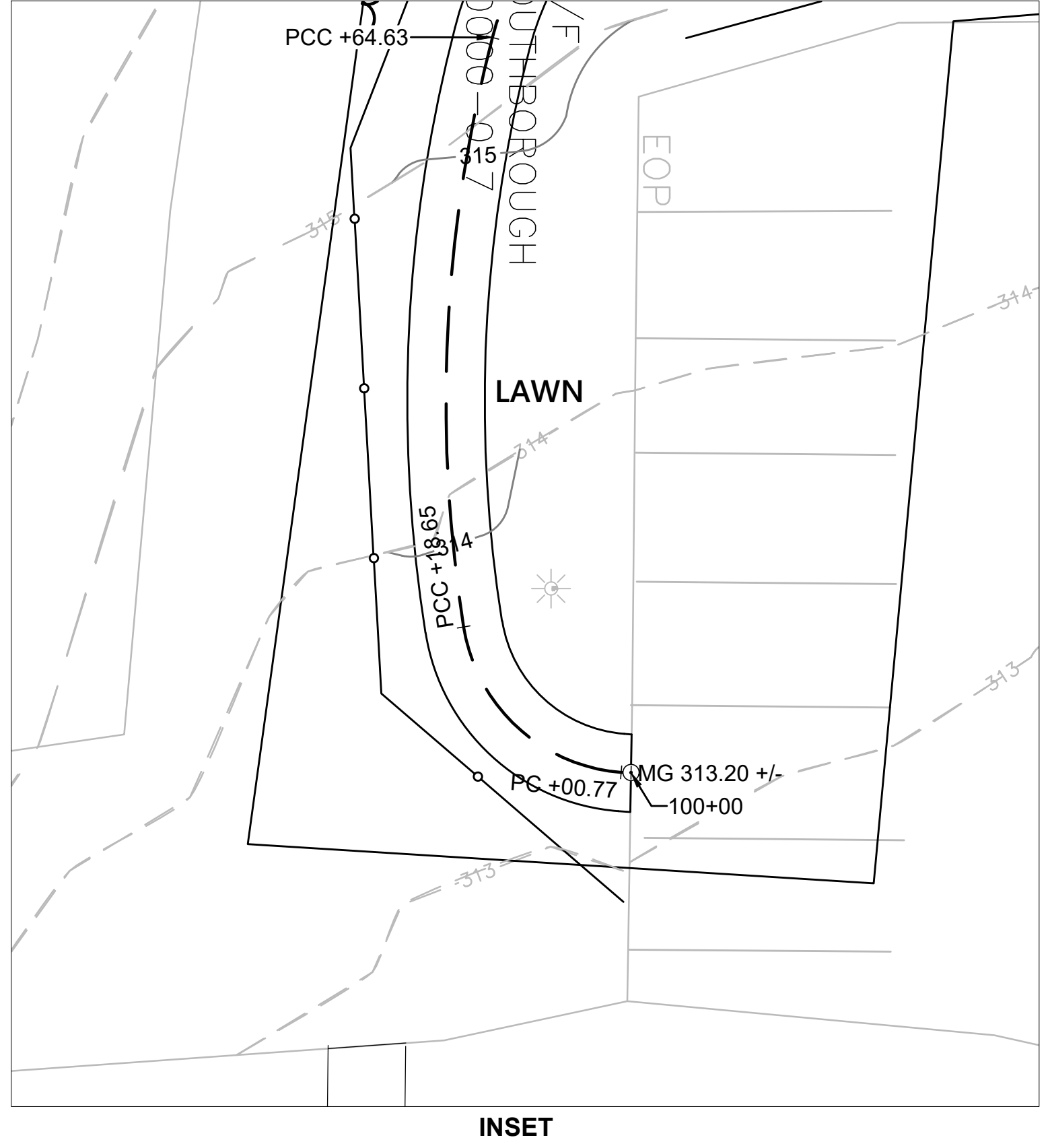
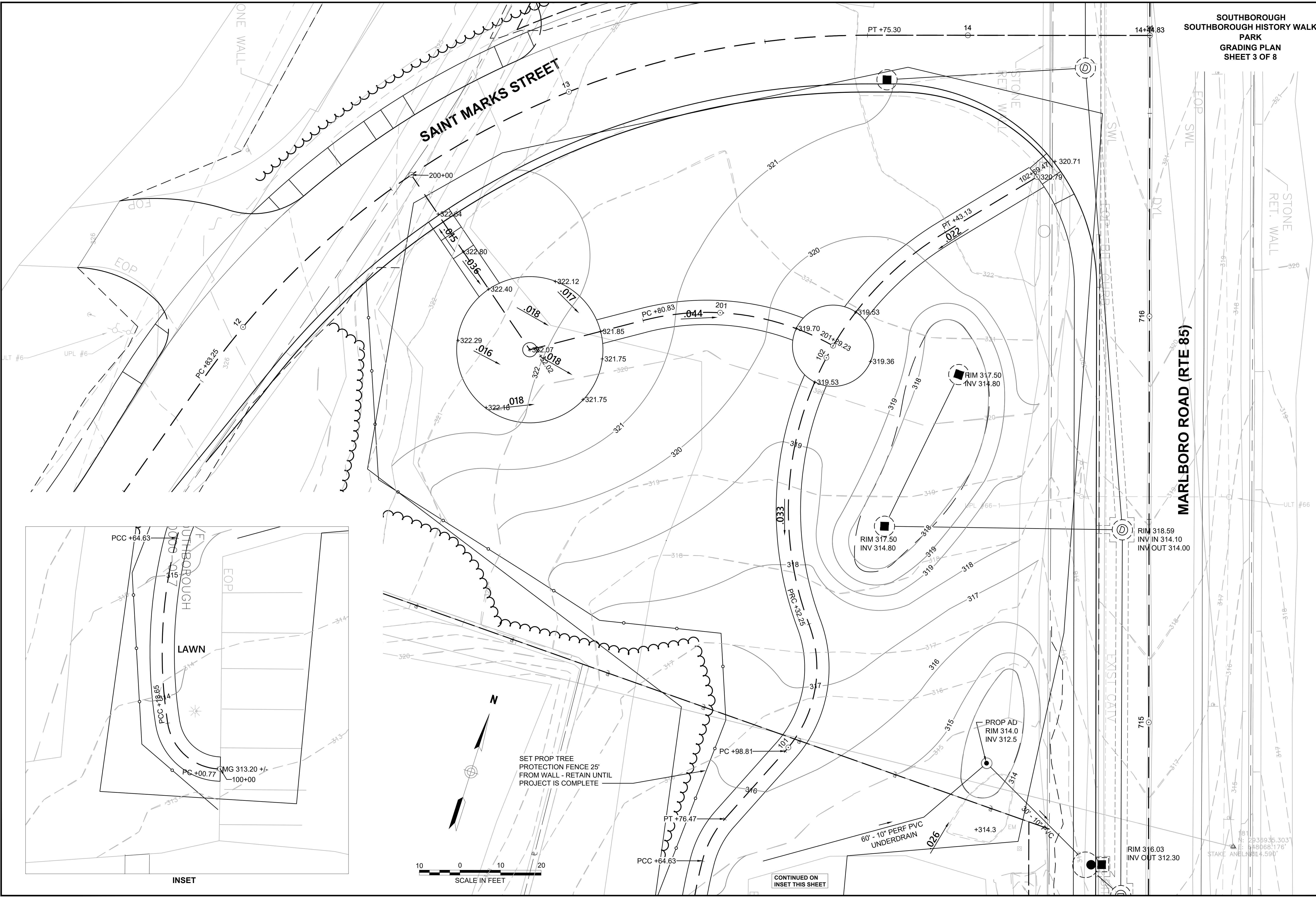
| SHEET NO. | DESCRIPTION             |
|-----------|-------------------------|
| 1         | TITLE SHEET & INDEX     |
| 2         | LAYOUT & MATERIALS PLAN |
| 3         | GRADING PLAN            |
| 4         | PLANTING PLAN           |
| 5         | PATH PROFILES           |
| 6         | SITE PROTECTION DETAILS |
| 7         | AMENITY DETAILS         |
| 8         | PLANTING DETAILS        |



|                                                                                                                                                                                                                                                                    |                      |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------|
|                                                                                                                                                                                                                                                                    |                      |                                           |
| DATE                                                                                                                                                                                                                                                               | DESCRIPTION          | REV #                                     |
| <div>ENGINEER</div> <div>DATE</div> <div><b>Vanasse Hangen Brustlin, Inc.</b><br/>101 Walnut St., PO Box 9151<br/>Watertown, MA 02472<br/>617.924.1770 FAX 617.924.2286</div> |                      |                                           |
| DESIGNED BY<br>-                                                                                                                                                                                                                                                   | APPROVED BY<br>-     | SHEET 1 OF 7                              |
| DRAWN BY<br>-                                                                                                                                                                                                                                                      | DFTG CHECKED BY<br>- | VHB CAD FILE NAME<br>14931-HD(LA-COV).dwg |
| CHECKED BY<br>-                                                                                                                                                                                                                                                    | DATE<br>5/1/23       | JOB NO.<br>14931.00                       |



SOUTHBOROUGH  
SOUTHBOROUGH HISTORY WALK  
PARK  
GRADING PLAN  
SHEET 3 OF 8



SET PROP TREE  
PROTECTION FENCE 25'  
FROM WALL - RETAIN UNTIL  
PROJECT IS COMPLETE

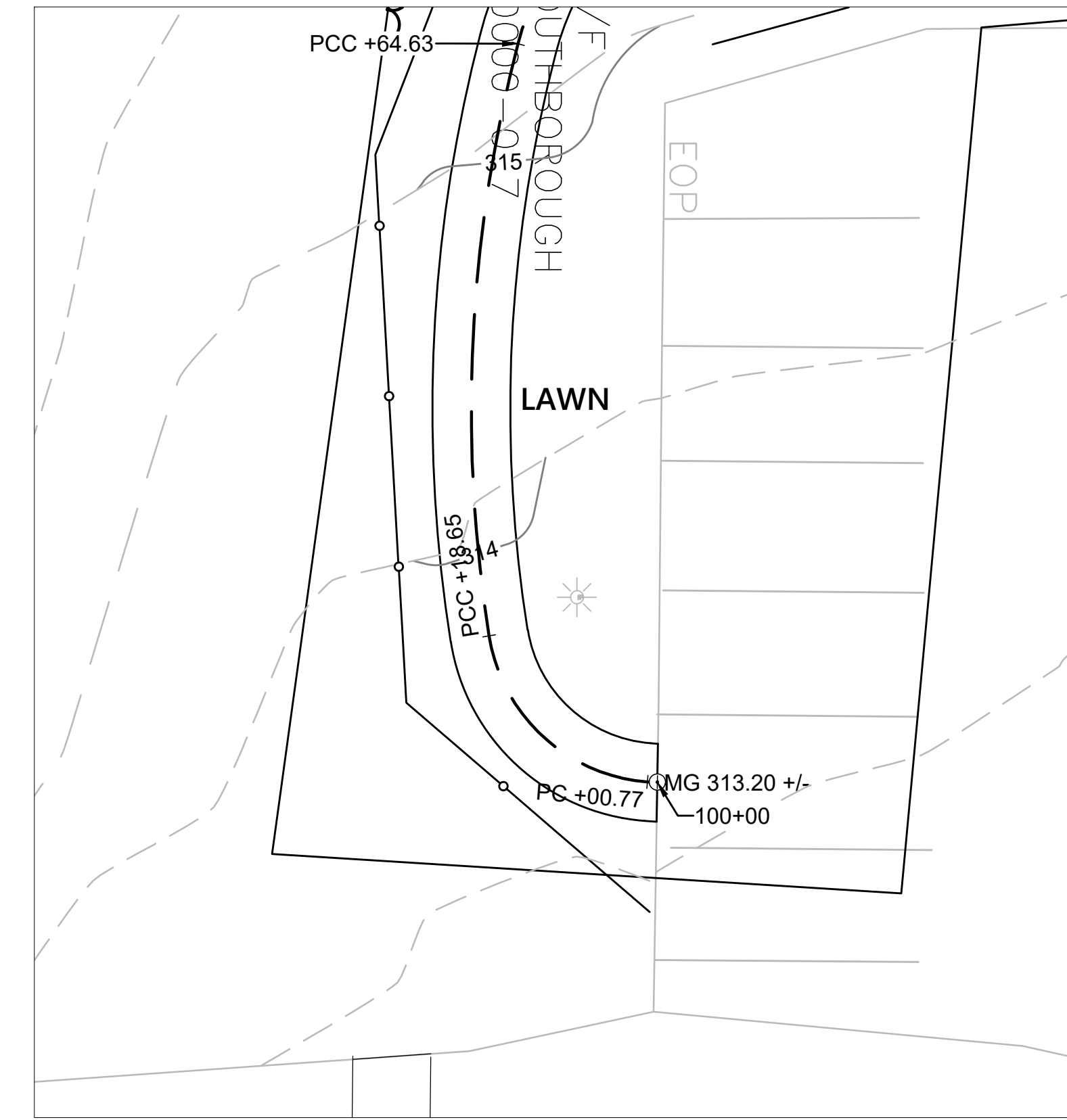
CONTINUED ON  
INSET THIS SHEET

MARLBORO ROAD (RTE 85)

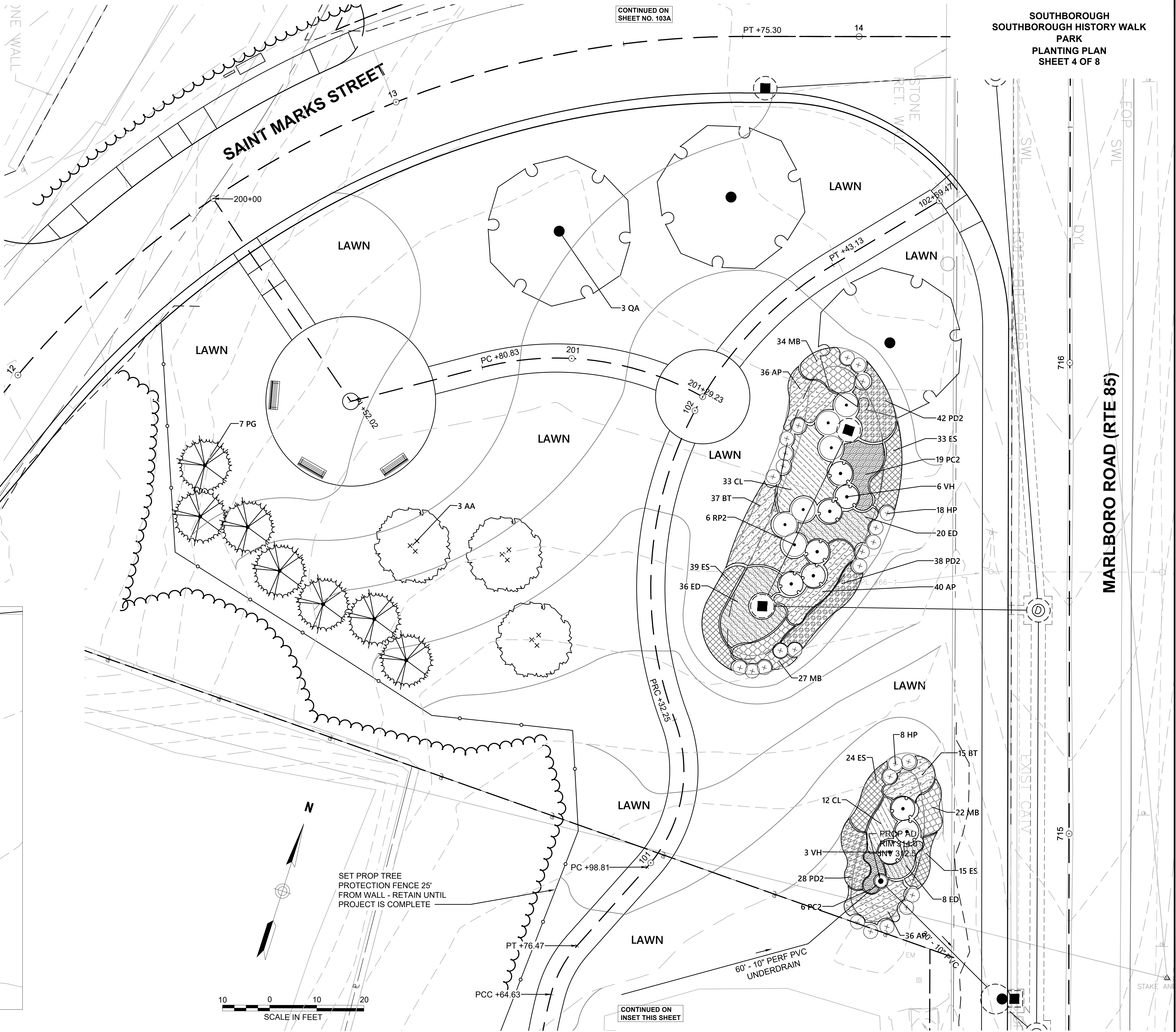
PLANT SCHEDULE

|                     |    |                         |                      |                    |
|---------------------|----|-------------------------|----------------------|--------------------|
| TREES               |    |                         |                      |                    |
| QA                  | 3  | COMMON NAME             | BOTANICAL NAME       | SIZE               |
|                     |    | White Oak               | Quercus alba         | 3 - 3 1/2" CAL.    |
| EVERGREEN TREES     |    |                         |                      |                    |
| PG                  | 7  | COMMON NAME             | BOTANICAL NAME       | SIZE               |
|                     |    | White Spruce            | Picea glauca         | 7 - 8' HT.         |
| ORNAMENTAL TREES    |    |                         |                      |                    |
| AA                  | 3  | COMMON NAME             | BOTANICAL NAME       | SIZE               |
|                     |    | Shad Tree - Downy Clump | Amelanchier arborea  | 8 - 10' HT., CLUMP |
| BIORETENTION BASINS |    |                         |                      |                    |
| HP                  | 26 | COMMON NAME             | BOTANICAL NAME       | SIZE               |
|                     |    | Shrubby St. John's Wort | Hypericum prolificum | 2 - 3' HT.         |
| RP2                 | 6  | COMMON NAME             | BOTANICAL NAME       | SIZE               |
|                     |    | Carolina Rose           | Rosa carolina        | 2 - 3' HT.         |
| VH                  | 9  | COMMON NAME             | BOTANICAL NAME       | SIZE               |
|                     |    | Highbush Blueberry      | Vaccinium corymbosum | 2 - 3' HT.         |

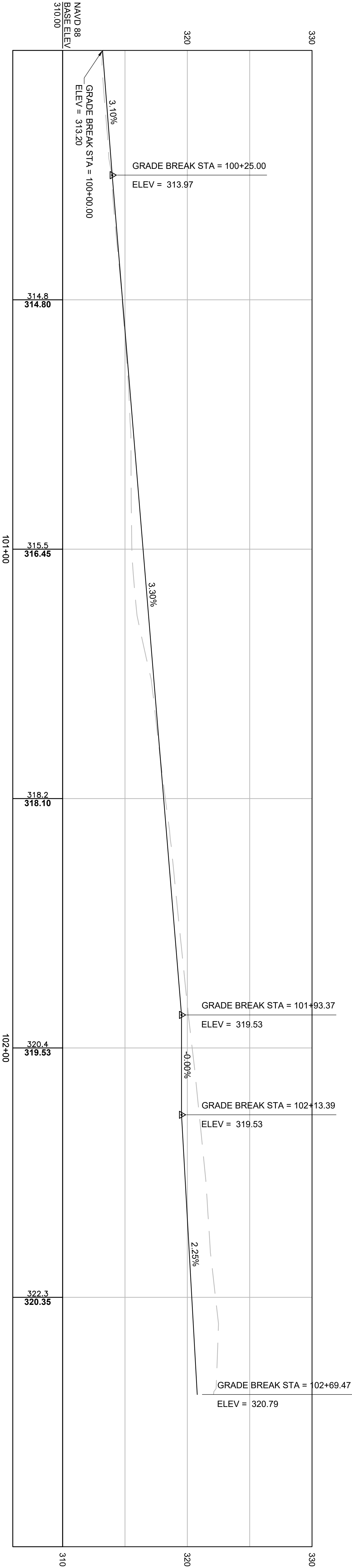
|                         |     |                                |                          |                 |
|-------------------------|-----|--------------------------------|--------------------------|-----------------|
| BIORETENTION HERBACEOUS |     |                                |                          |                 |
| CODE                    | QTY | BOTANICAL / COMMON NAME        |                          | SIZE            |
|                         |     |                                |                          | SPACING         |
| AP                      | 112 | Asclepias purpurascens         | Purple Milkweed          | 1 GAL. 18" o.c. |
| BT                      | 52  | Baptisia tinctoria             | Yellow Wild Indigo       | 1 GAL. 24" o.c. |
| CL                      | 45  | Chasmanthium latifolium        | Northern Sea Oats        | 1 GAL. 24" o.c. |
| ES                      | 111 | Eragrostis spectabilis         | Purple Love Grass        | 1 GAL. 18" o.c. |
| ED                      | 64  | Eutrochium dubium              | Joe Pye Weed             | 1 GAL. 24" o.c. |
| MB                      | 83  | Monarda fistulosa              | Bergamot                 | 1 GAL. 18" o.c. |
| PC2                     | 25  | Panicum virgatum 'Cape Breeze' | Cape Breeze Switch Grass | 1 GAL. 24" o.c. |
| PD2                     | 108 | Penstemon digitalis            | Beardtongue              | 1 GAL. 18" o.c. |



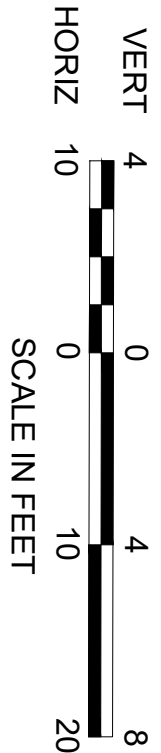
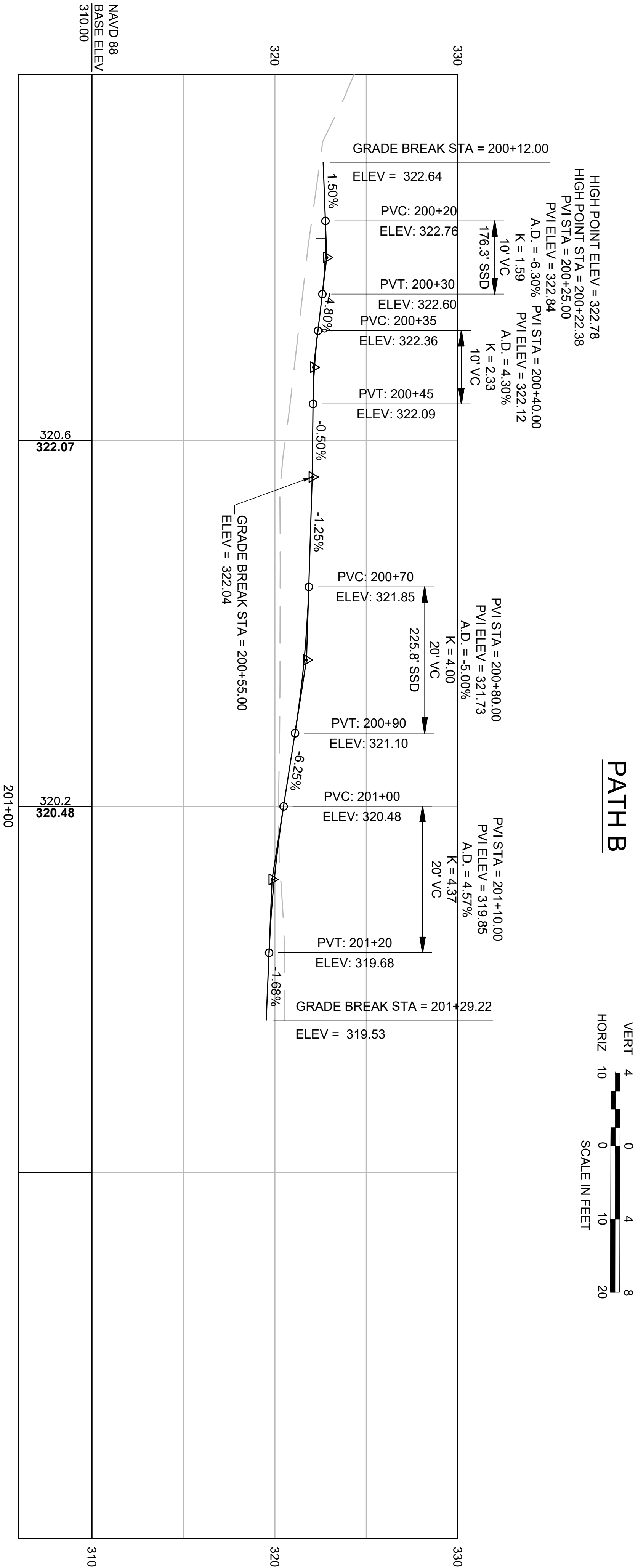
INSET

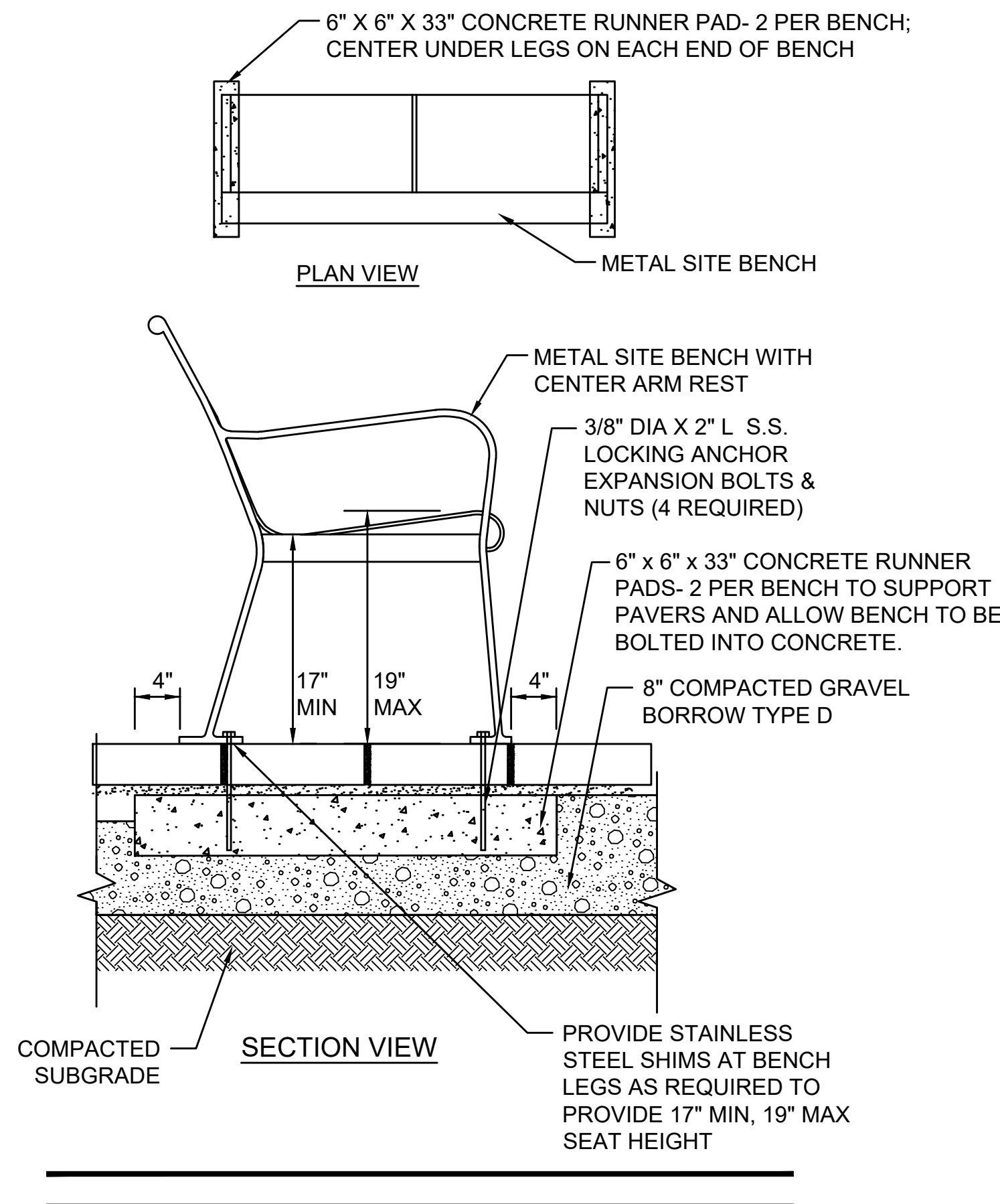


PATH A



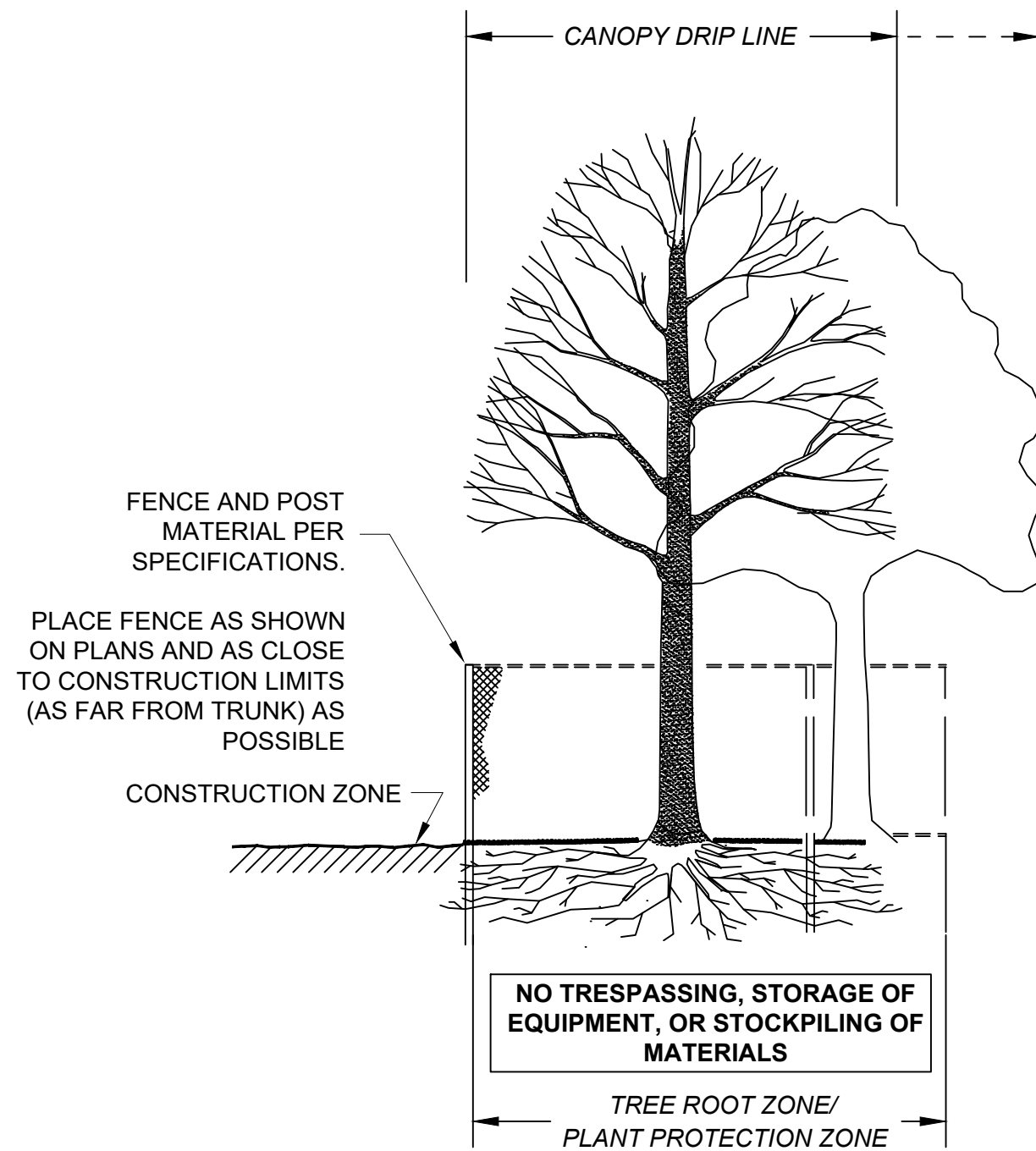
PATH B



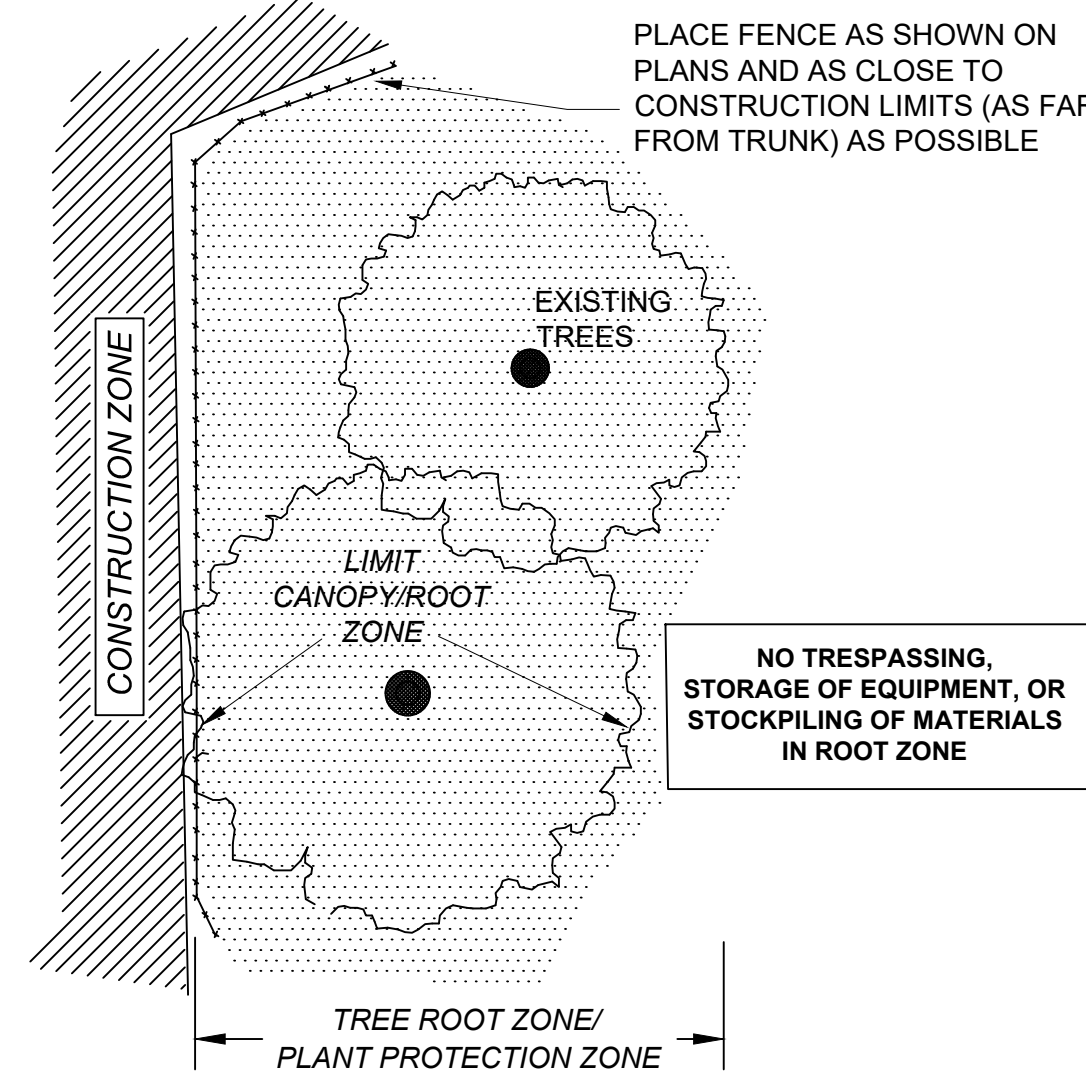


**PARK BENCH**

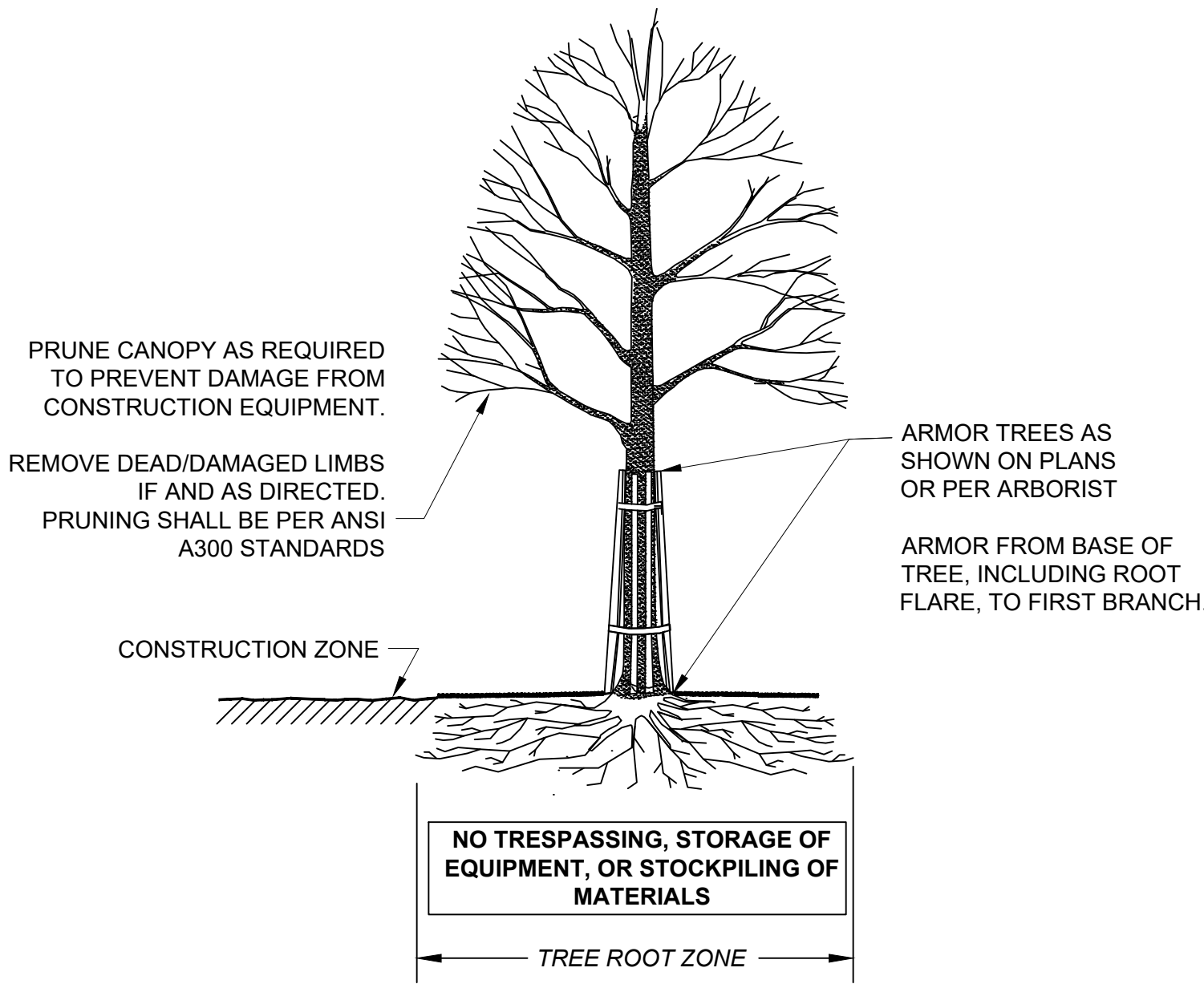
SCALE: N.T.S.



SECTION - FENCE PROTECTION OF ROOT ZONE



PLAN VIEW - FENCE PROTECTION OF ROOT ZONE

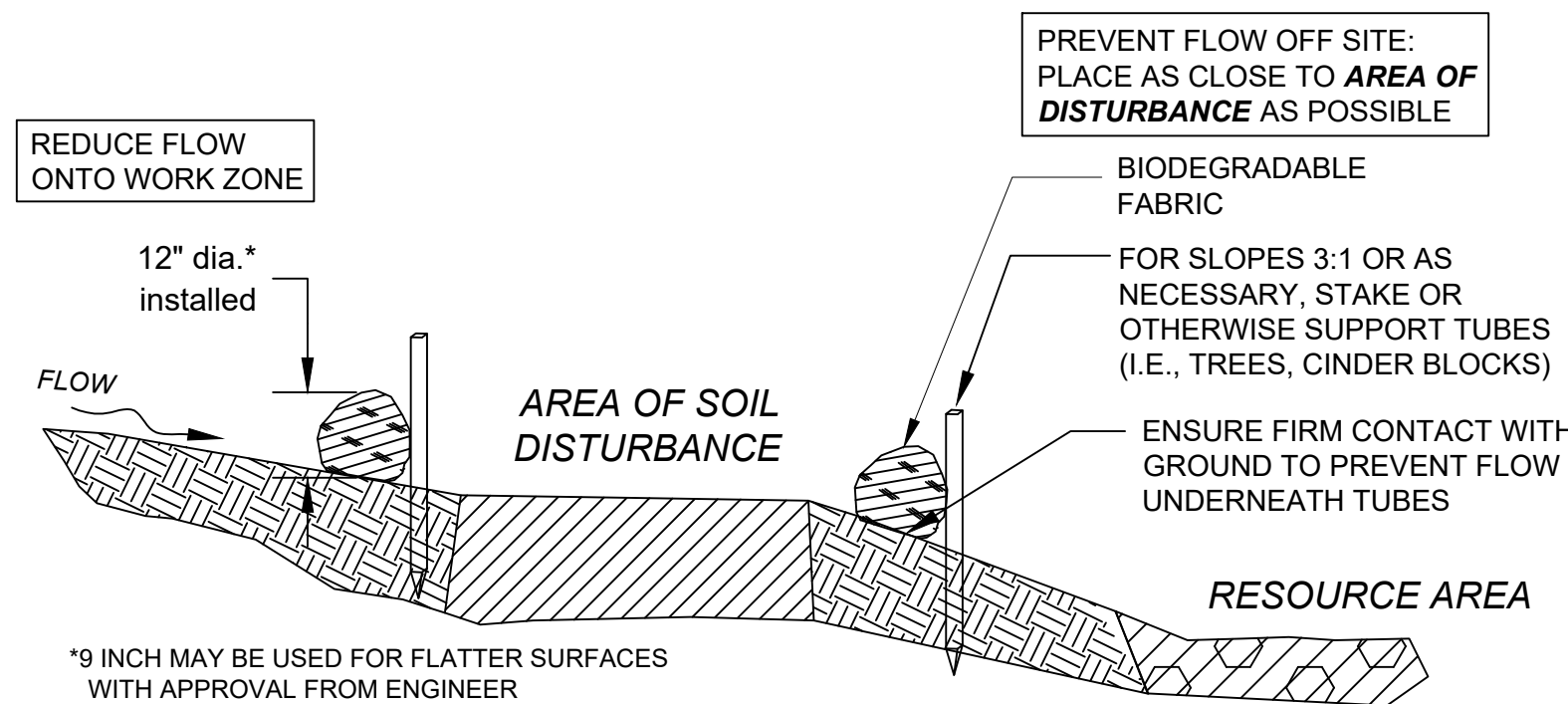


SECTION - TRUNK ARMORING & PRUNING

**TREE PROTECTION DETAILS**

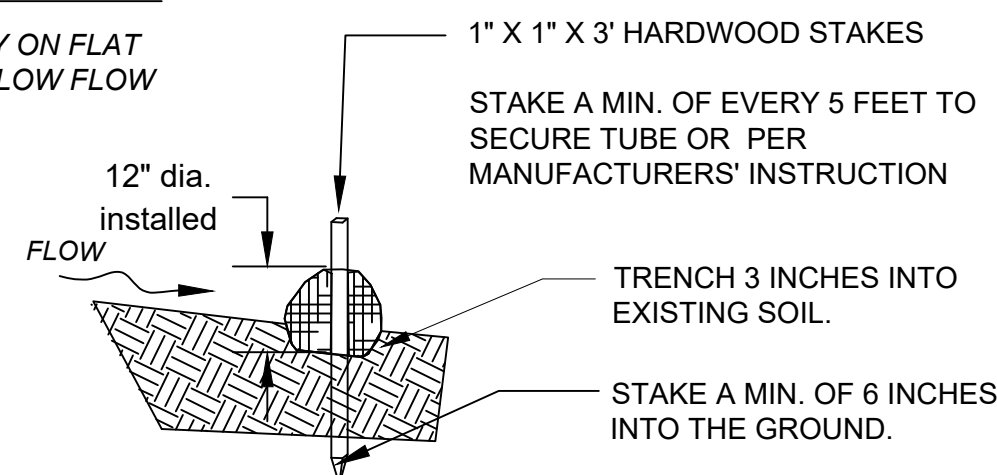
NOT TO SCALE

**COMPOST FILTER TUBE**

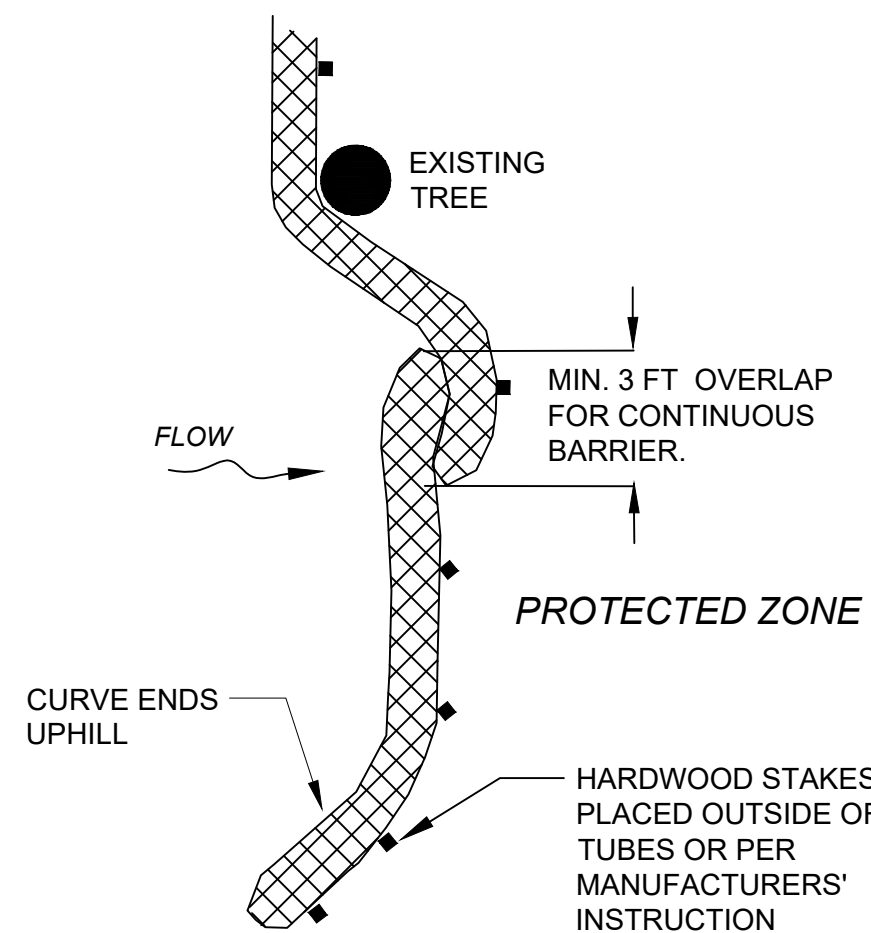


**12 INCH STRAW WATTLE**

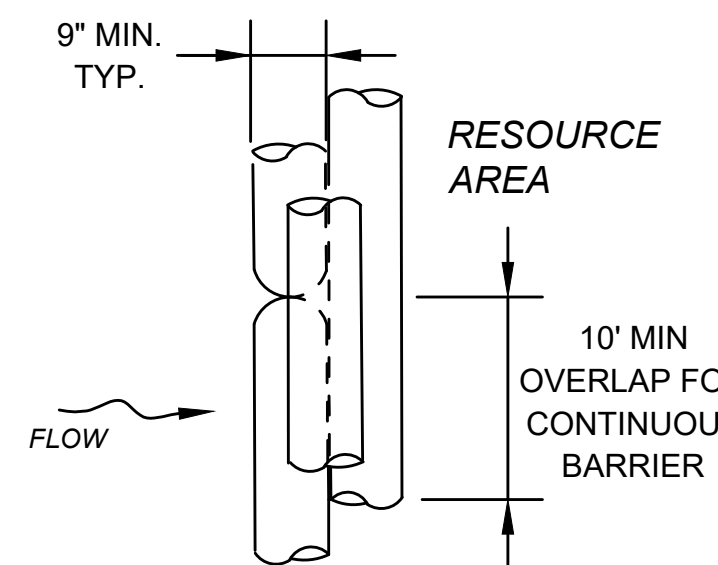
TO BE USED ONLY ON FLAT SURFACES WITH LOW FLOW



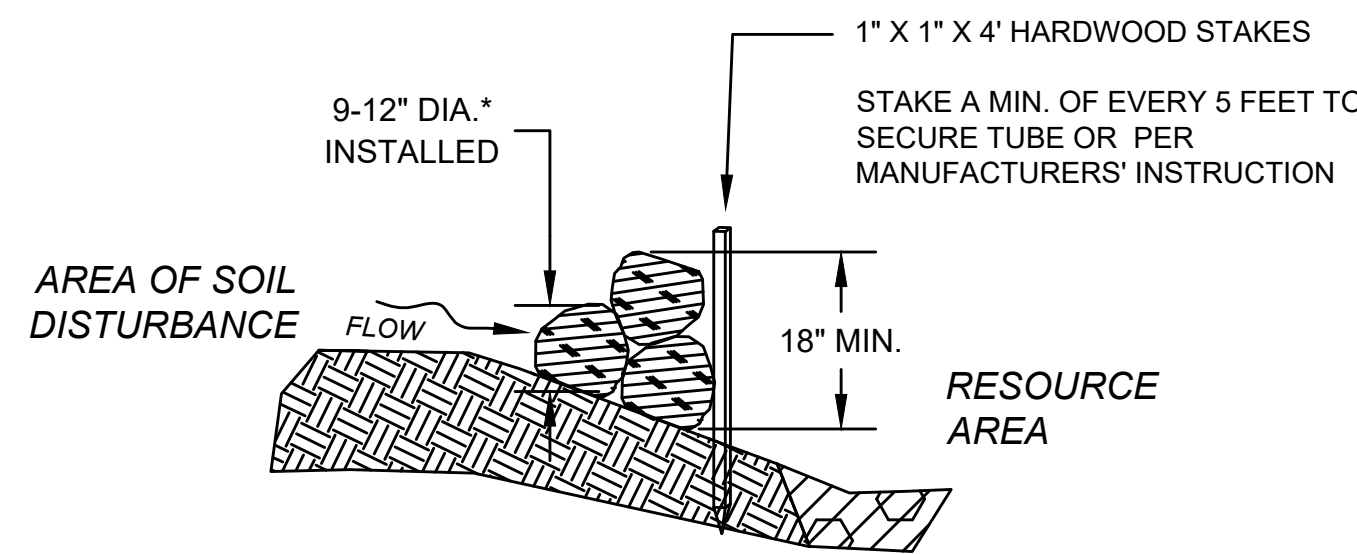
SECTION



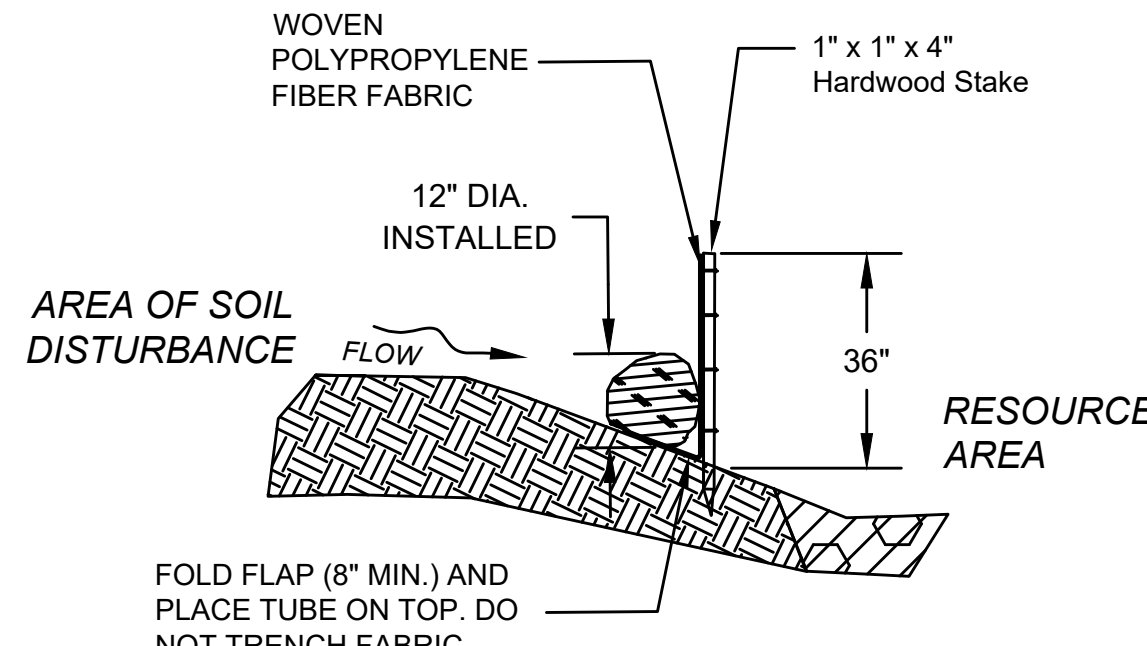
PLAN VIEW



PLAN VIEW



SECTION



SECTION

**SEDIMENT BARRIERS - COMPOST FILTER TUBES & STRAW WATTLES**

NOT TO SCALE

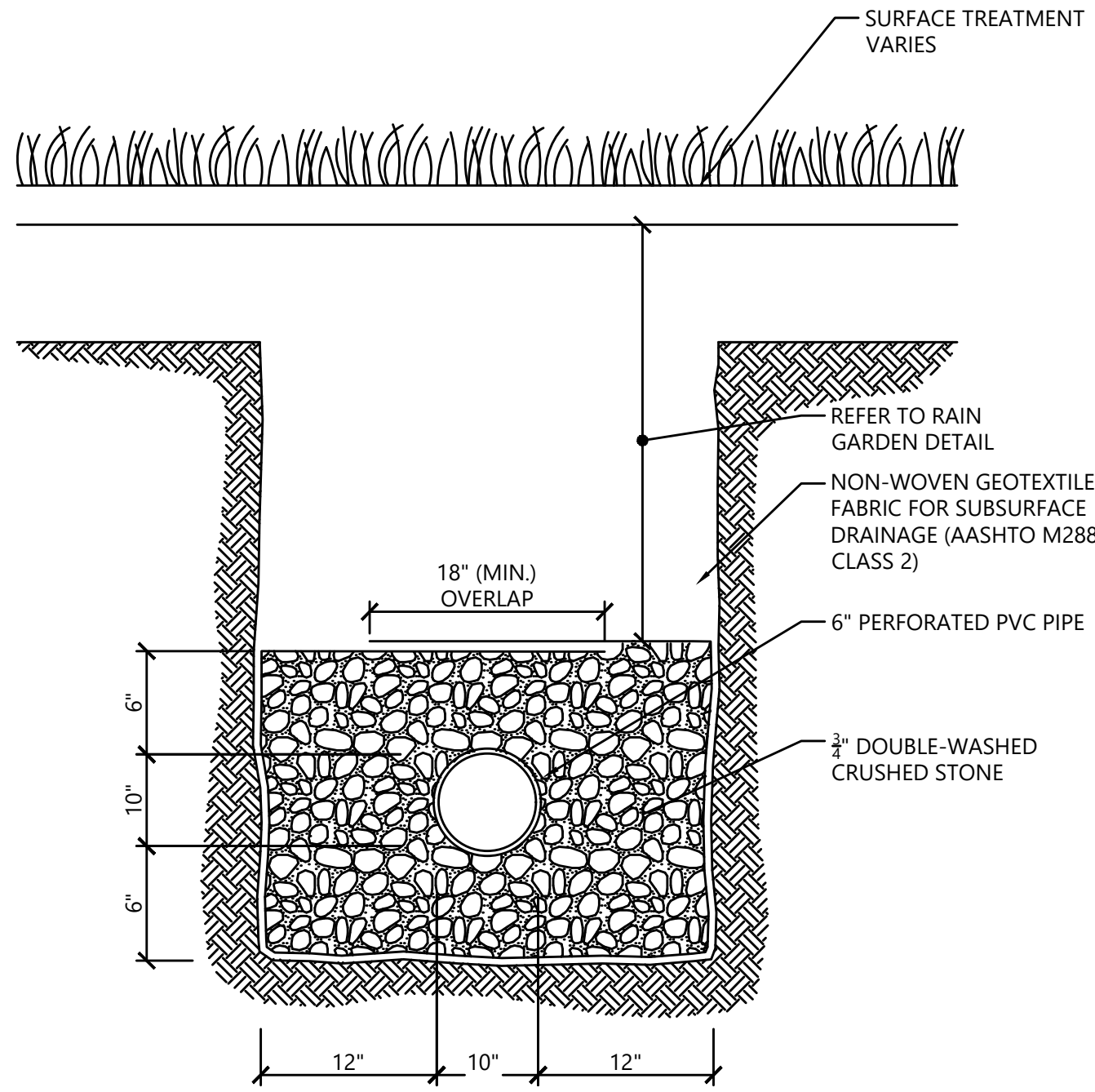
20181210\_MassDOT

**COMPOST FILTER TUBE BERM (SLOPES 2:1 OR STEEPER)**

NOT TO SCALE

**COMPOST FILTER TUBE & SILT FENCE**

NOT TO SCALE

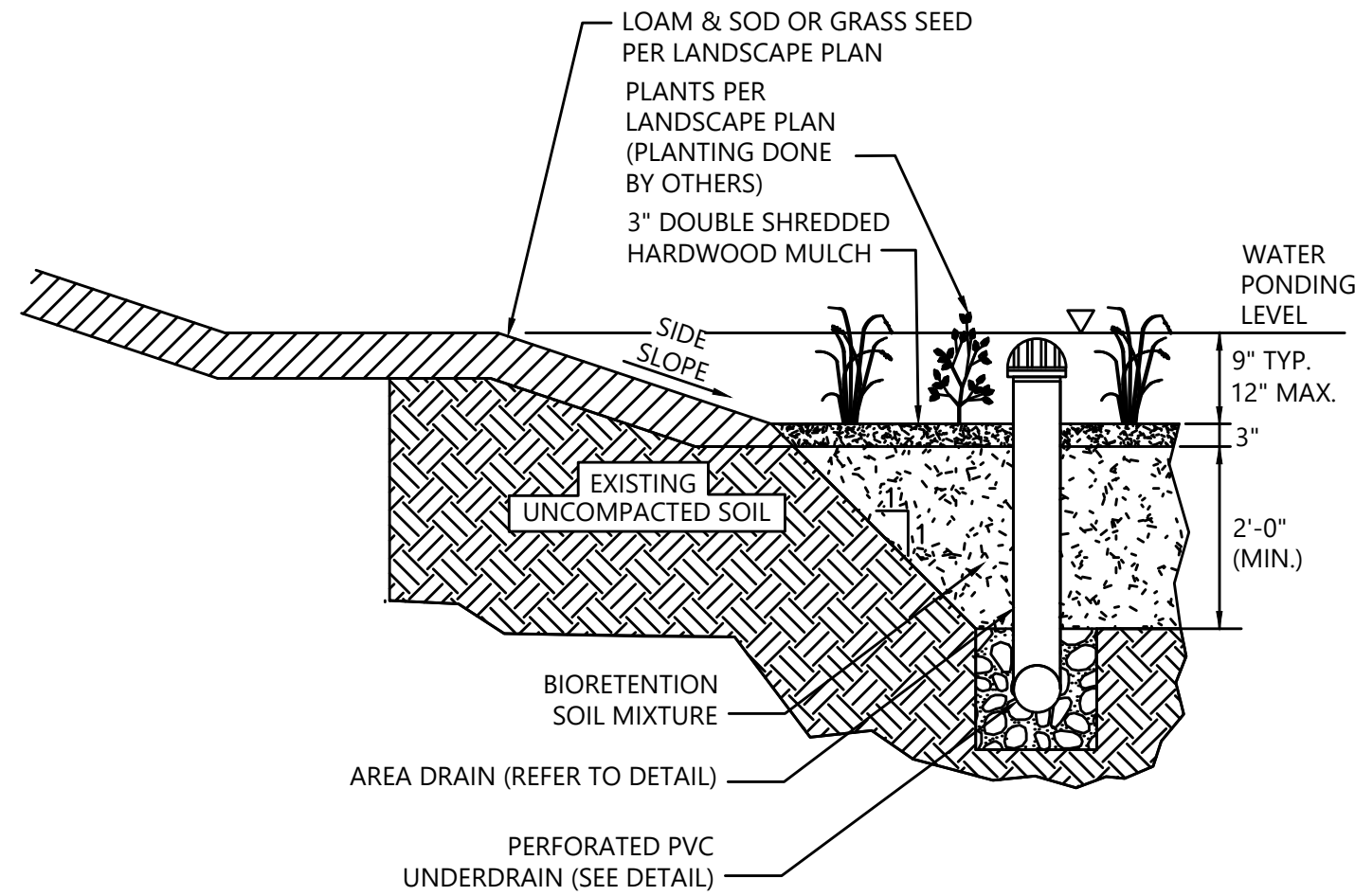


#### UNDERDRAIN (UD)

SCALE: N.T.S.

SOURCE: VHB

DATE: FEBRUARY 2021



#### NOTES:

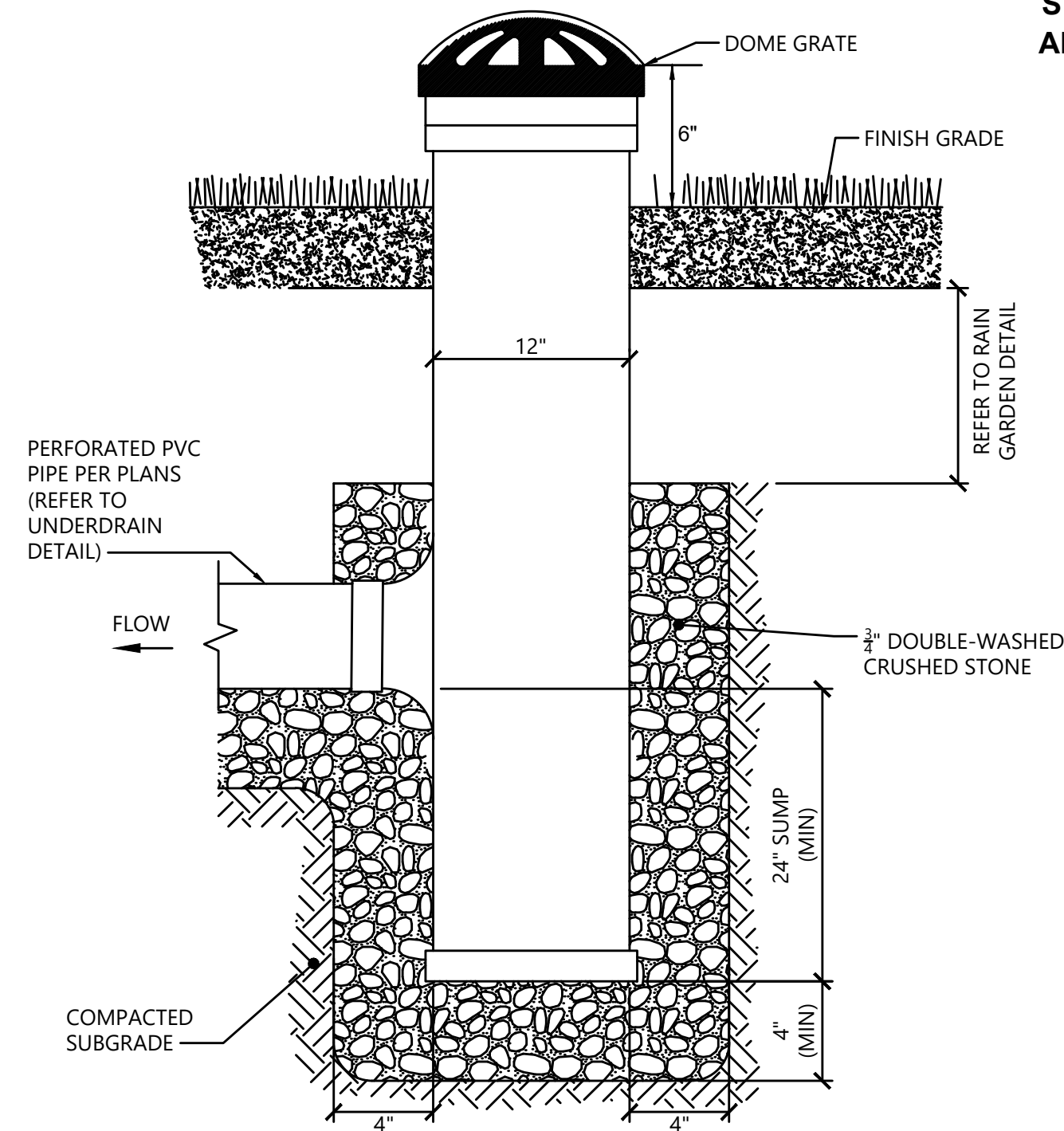
1. SIDE SLOPES SHALL BE 3:1 MAX. 2% MIN.
2. SEE GRADING AND DRAINAGE PLAN FOR LOCATIONS AND INVERTS OF OVERFLOW OUTLETS AND UNDERDRAIN CONNECTIONS.

#### RAIN GARDEN WITH UNDERDRAIN

SCALE: N.T.S.

SOURCE: VHB

DATE: FEBRUARY 2021



#### NOTES:

1. AREA DRAINS SHALL BE NYLOPLAST 12" DRAIN BASIN, OR APPROVED EQUAL.
2. GRATES SHALL BE NYLOPLAST, 12" DOME GRATE MODEL 1299CGD, OR APPROVED EQUAL AS SHOWN ON PLANS.

#### AREA DRAIN (AD)

SCALE: N.T.S.

SOURCE: VHB

DATE: FEBRUARY 2021



1. LARGE CIRCLE IS TO HAVE A MEDALLION IN THE CENTER THAT IS 42" DIA. X 5" THICK GRANITE WITH THERMAL FINISH. DESIGN IS TO BE PROVIDED BY THE CLIENT. MEDALLION IS TO BE SET FLUSH WITH THE BRICK PAVERS.
2. BRICK PAVERS IN LARGE CIRCLE ARE TO BE LAID IN A RADIAL RUNNING BOND PATTERN AROUND THE MEDALLION.
3. SMALL CIRCLE IS TO BE RADIAL RUNNING BOND BRICK PATTERN WITH NO CENTER MEDALLION.

#### RADIAL BRICK PAVING PATTERN WITH MEDALLION

SCALE: N.T.S.

#### ADA COMPLIANCE

##### 303 Changes in Level

303.1 General. Where changes in level are permitted in floor or ground surfaces, they shall comply with 303.

EXCEPTIONS: 1. Animal containment areas shall not be required to comply with 303.

2. Areas of sport activity shall not be required to comply with 303.

303.2 Vertical. Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical.



Figure 303.2 Vertical Change in Level

303.3 Beveled. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

Advisory 303.3 Beveled. A change in level of 1/2 inch (13 mm) is permitted to be 1/4 inch (6.4 mm) vertical plus 1/4 inch (6.4 mm) beveled. However, in no case may the combined change in level exceed 1/2 inch (13 mm). Changes in level exceeding 1/2 inch (13 mm) must comply with 405 (Ramps) or 406 (Curb Ramps).

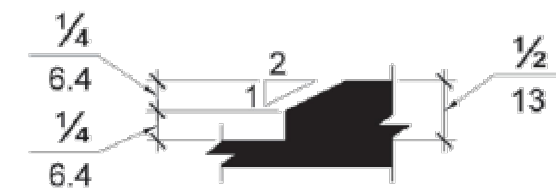
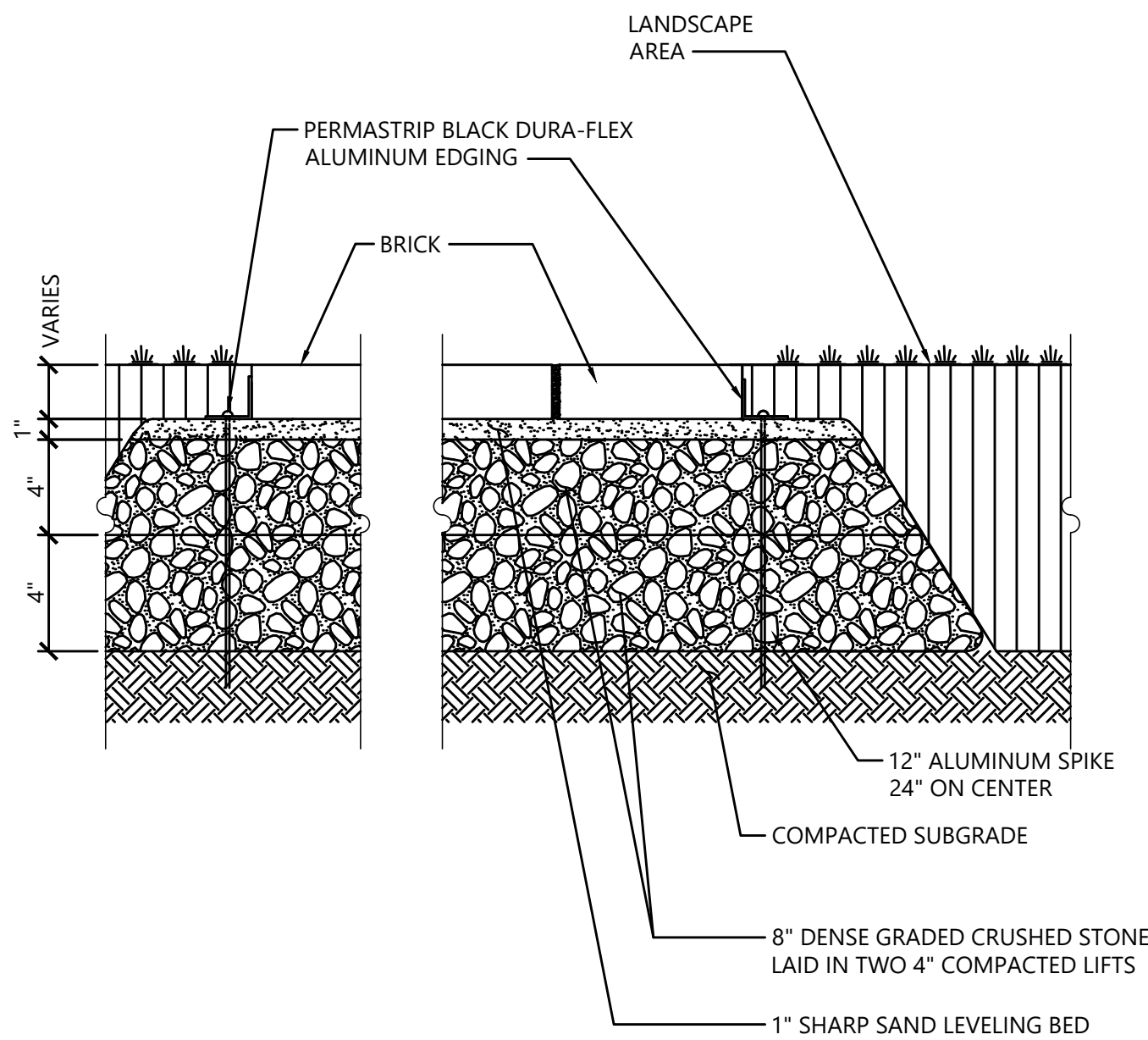


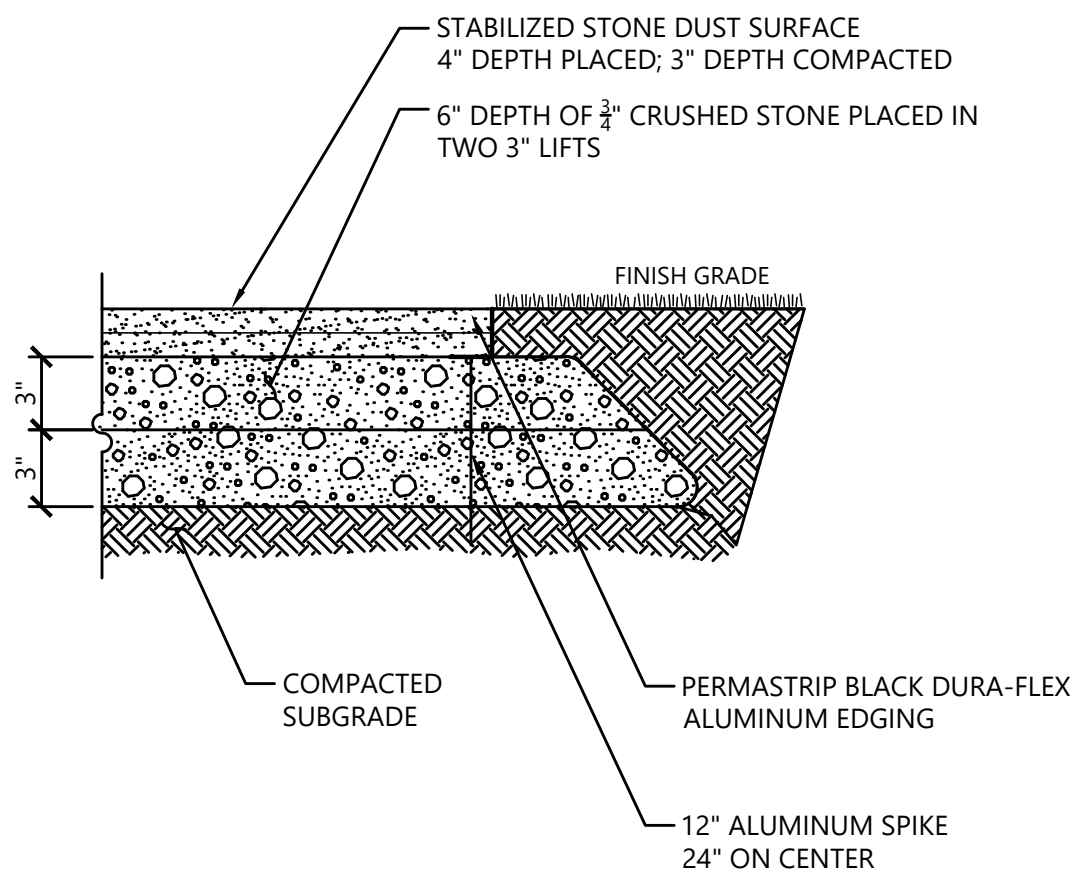
Figure 303.3 Beveled Change in Level



#### BRICK PAVERS WITH EDGE RESTRAINT

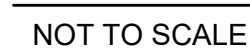
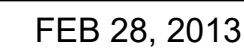
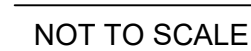
SCALE: N.T.S.

1. STONEDUST SHALL BE STABILIZED WITH 'ORGANIC-LOCK' PSYLLIUM BASED BINDER.
2. INSTALL STABILIZED PATHWAY SURFACE WITH A CROWN OF 1/8" / FOOT, EXCEPT WHERE PATHWAY IS LOCATED AT BASE OF SLOPE. AT BASES OF SLOPES WHERE WATER WOULD NOT DRAIN ON THE UP-HILL SIDE, PROVIDE A CROSS PITCH OF 3/8" / FOOT, OR OTHER PITCH AS RECOMMENDED BY STABILIZED STONEDUST MATERIAL SUPPLIER.
3. ALL SEGMENTS OF PATHWAY SHALL BE ADA-COMPLIANT.



#### STONEDUST PATH

SCALE: N.T.S.



1. CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE LAWN AND PLANTINGS. NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW LAWNS AND PLANTINGS DURING THE ONE YEAR PLANT GUARANTEE PERIOD.
2. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE LANDSCAPE MAINTENANCE WORK. WATER SHALL BE PROVIDED BY THE CONTRACTOR.
3. WATERING SHALL BE REQUIRED DURING THE GROWING SEASON, WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.
4. WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.
5. CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE FACILITY MAINTENANCE STAFF AT THAT TIME.