

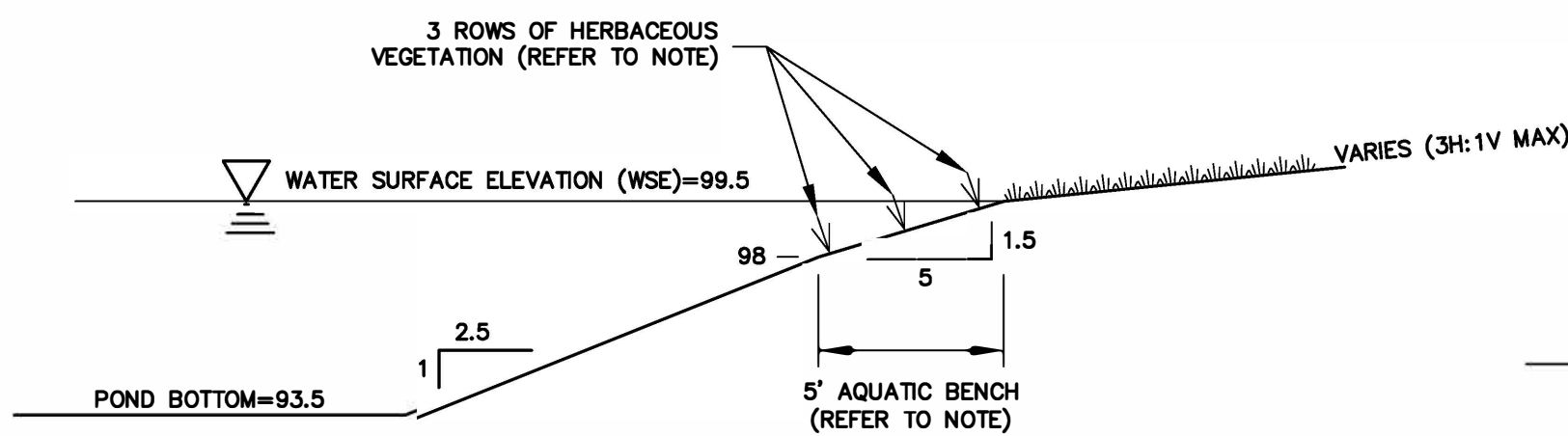
CONSTRUCTION NOTE:
1. AREAS OF PASSIVE REFORESTATION SHALL BE PROTECTED DURING CONSTRUCTION. NO CONSTRUCTION EQUIPMENT SHALL BE ALLOWED WITHIN THIS AREA. THE OWNER HAS PROTECTED THIS AREA FROM DEVELOPMENT. NO DISTURBANCE SHALL BE ALLOWED WITHOUT OWNER CONSENT.

**EAST STREET
COMMERCIAL PLAZA**

**PROPOSED
SITE PLAN**

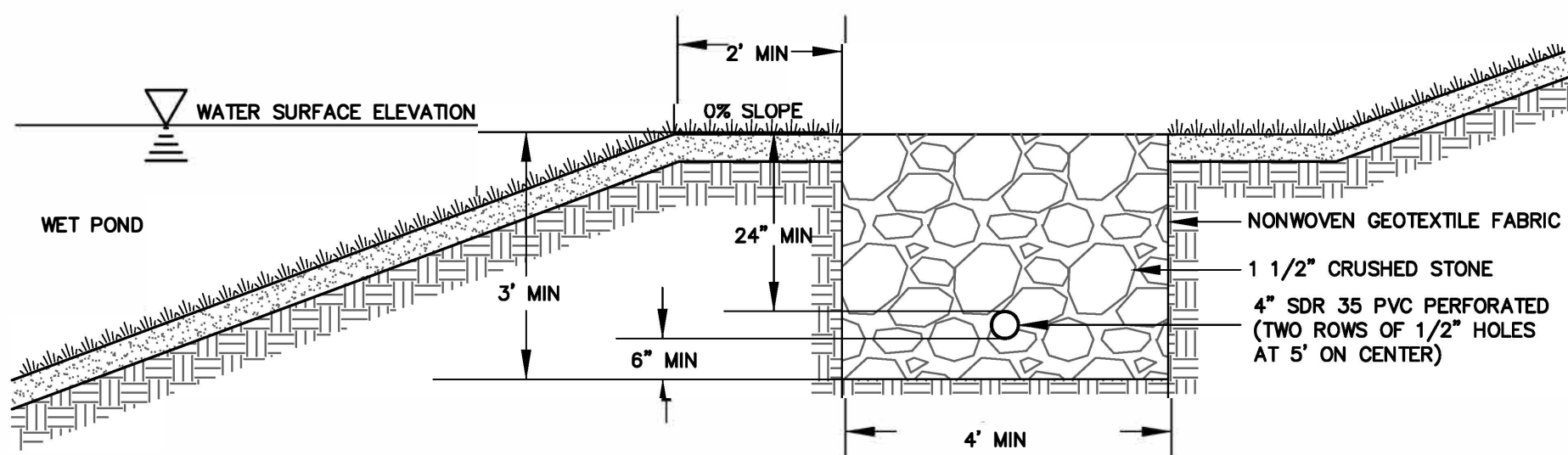
404 East Main Street
Any Town, VT
Telephone: 555-1234
Fax: 555-6789

Project No.:
791-001
Cadd file:
Drawn by:
RR
Checked by:
BFR
Scale:
1" = 50'
Date:
3/3/2017
Drawing number:

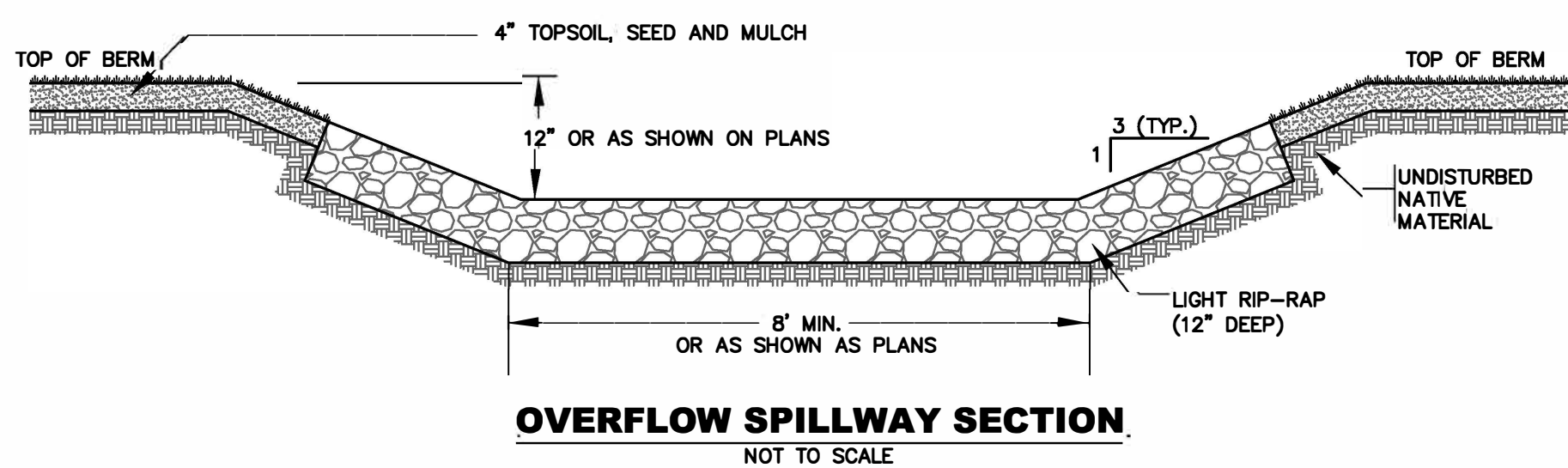
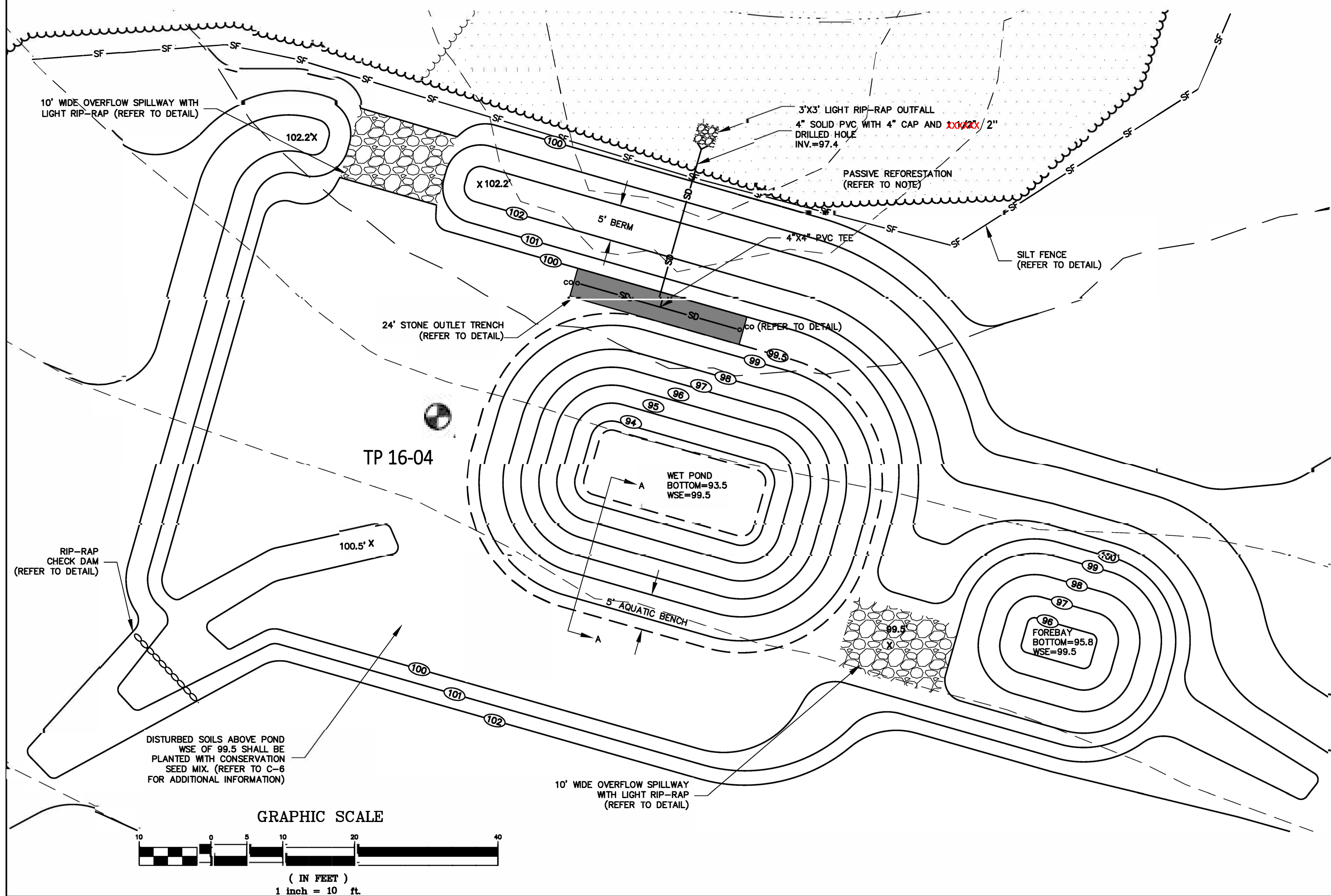


WET POND SECTION A-A
NOT TO SCALE

NOTE: AQUATIC BENCH SHALL BE PLANTED WITH 3 ROWS OF HERBACEOUS VEGETATION ALONG ENTIRE PERIMETER OF THE WET POND. PLANTINGS SHALL BE ALTERNATE ROWS OF HARD STEMMED BULRUSH, NORTHERN ARROW-HEAD, AND MARSH SMARTWEED IN 1 QUART CONTAINERS AT 5' ON CENTER. PLANTS SHALL BE OBTAINED FROM VERMONT ARBOR-WETLAND CO.



STONE OUTLET TRENCH SECTION
NOT TO SCALE



OVERFLOW SPILLWAY SECTION
NOT TO SCALE

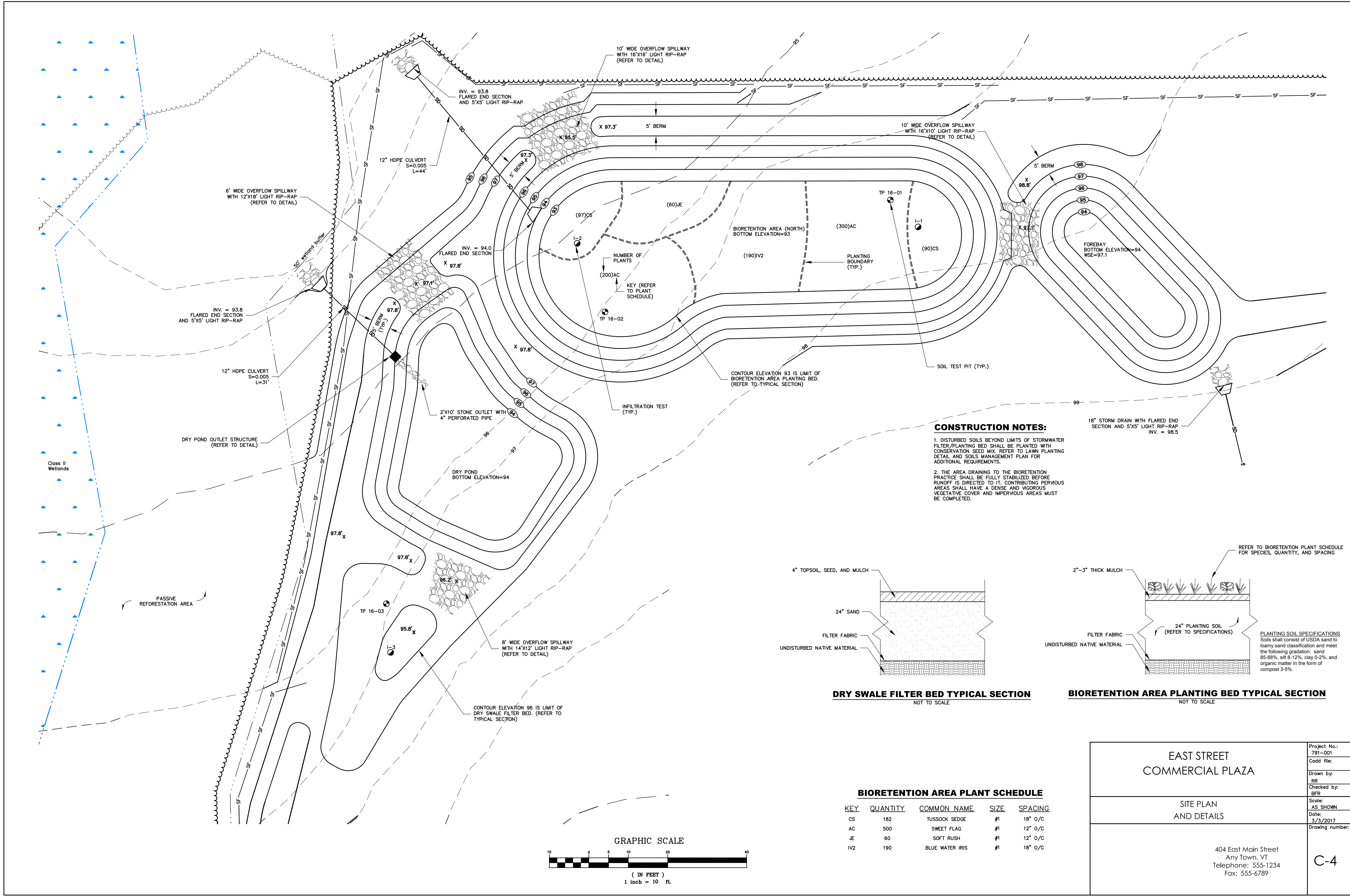
EAST STREET
COMMERCIAL PLAZA

SITE PLAN
AND DETAILS

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C-3



EAST STREET
COMMERCIAL PLAZA

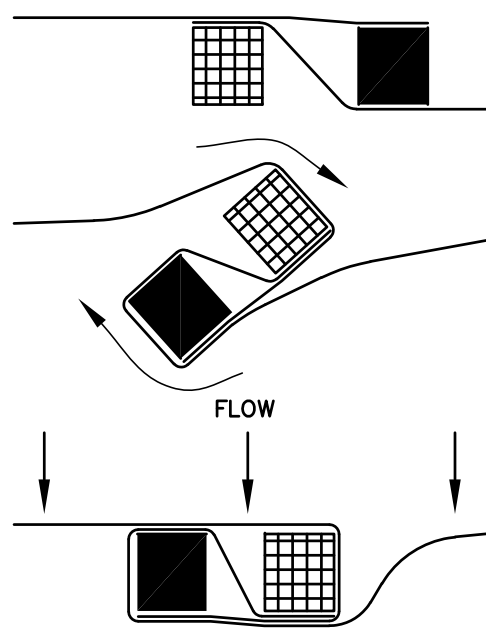
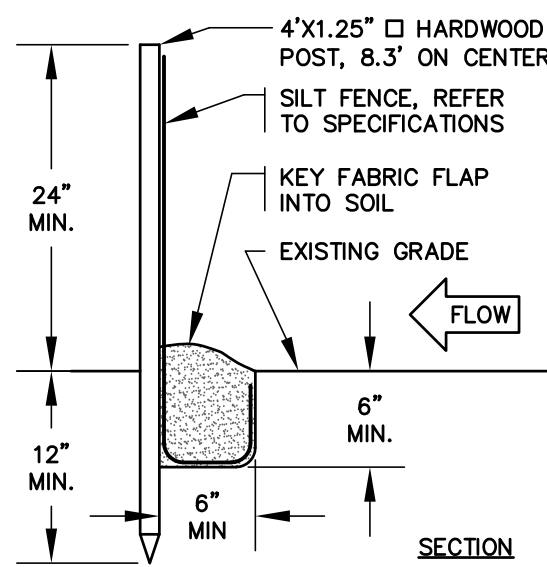
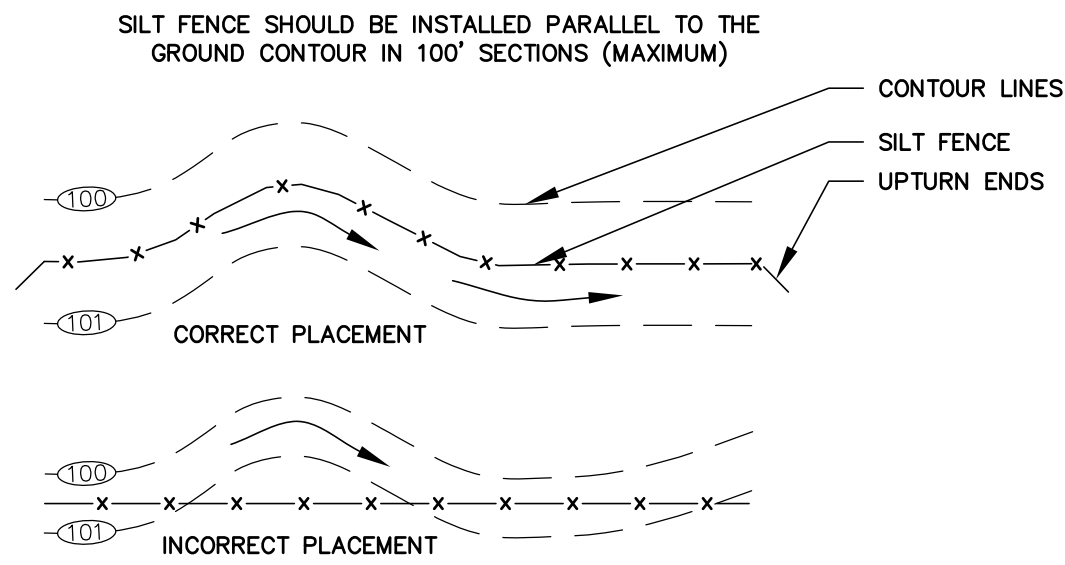
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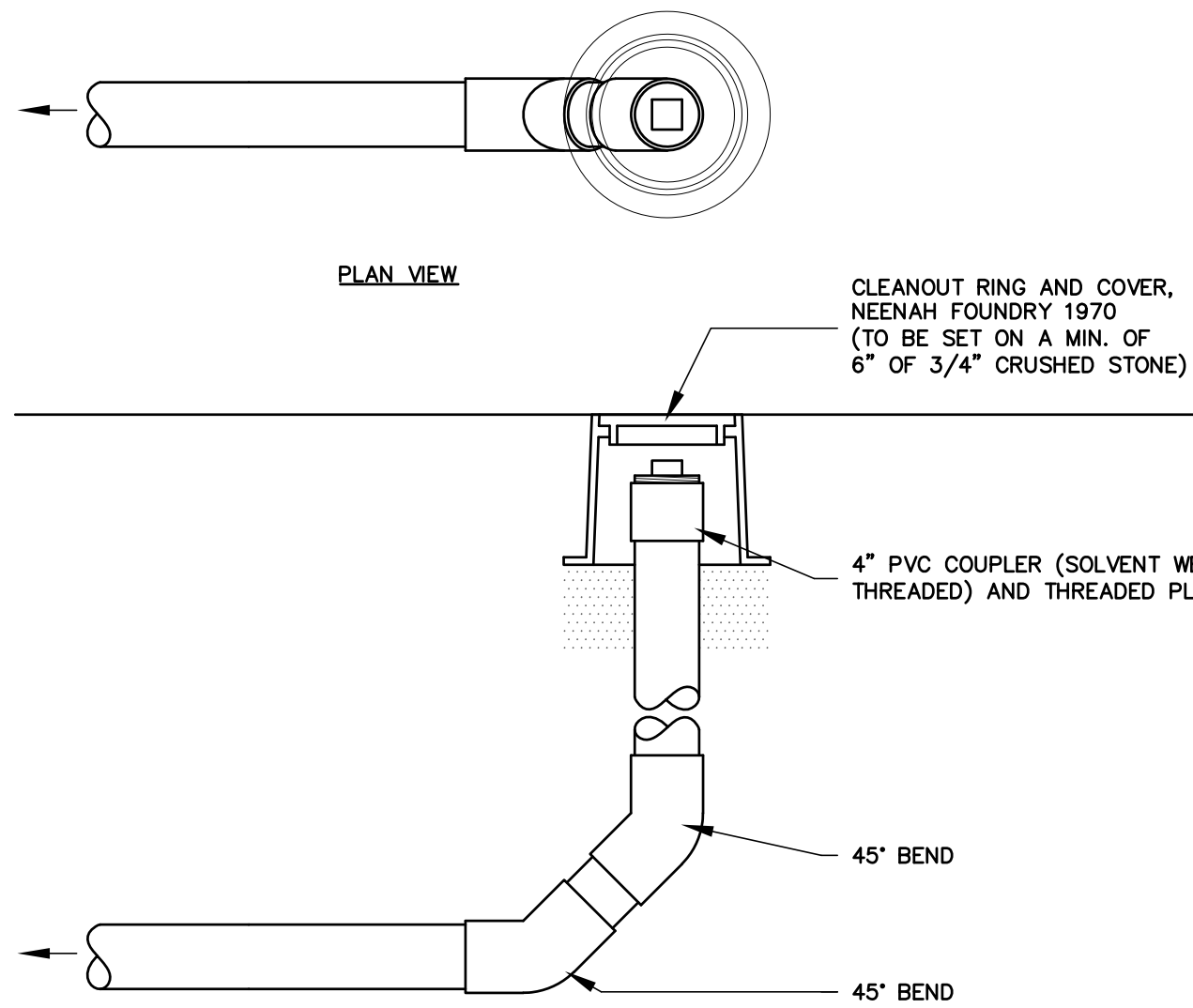
C-4



1. PLACE THE END POST OF ONE FENCE INSIDE THE END POST OF THE OTHER FENCE.
2. ROTATE BOTH POSTS AT LEAST 180° IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
3. DRIVE BOTH POSTS 12" MINIMUM INTO THE GROUND AND BURY THE FABRIC FLAP IN THE TRENCH.

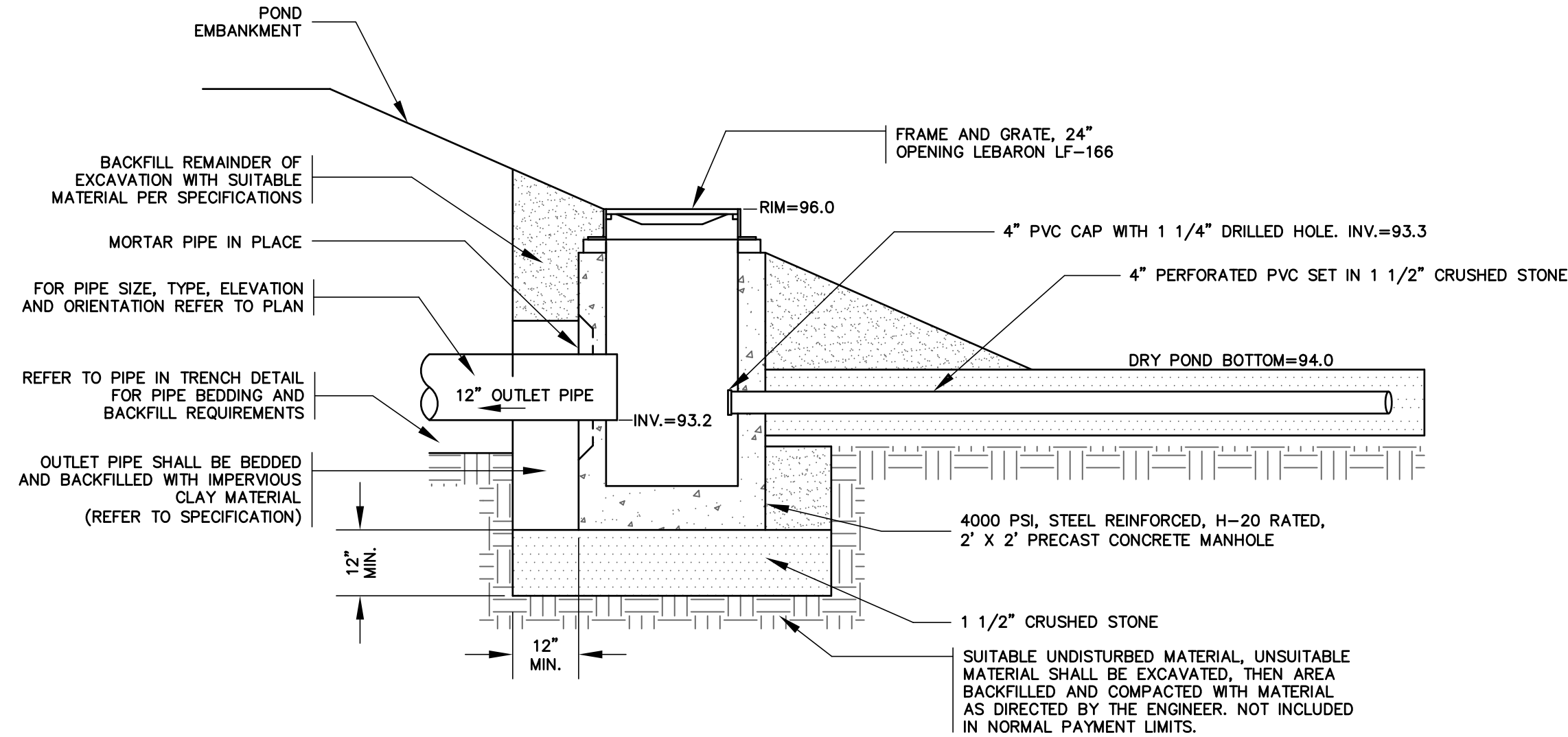
NOTES:
1. SILT FENCE SHALL BE INSTALLED AT THE DOWNHILL SIDE OF CONSTRUCTION ACTIVITIES BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
2. REFER TO TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SILT FENCE DETAIL
NOT TO SCALE



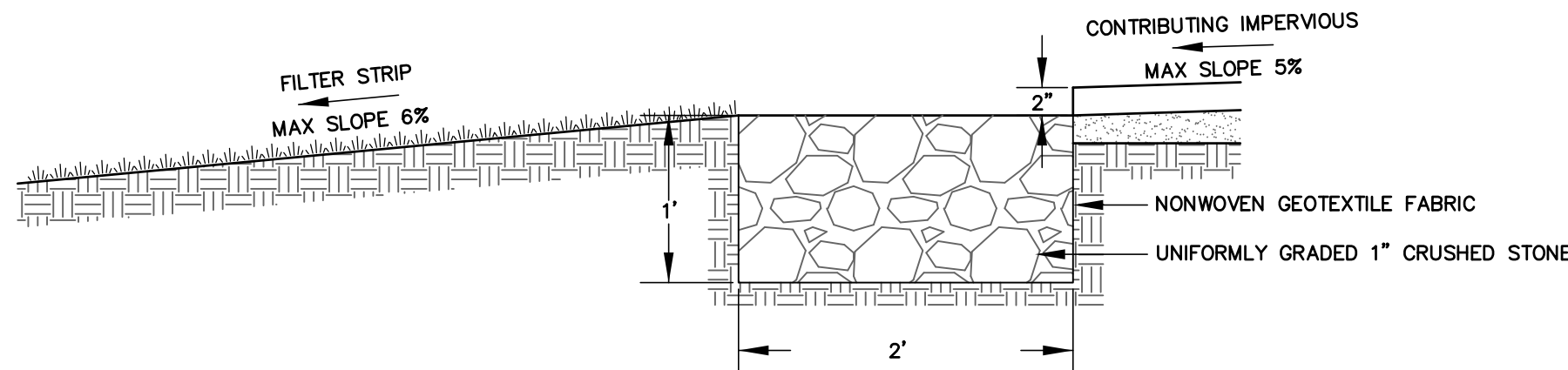
NOTE:
REFER TO PIPE IN TRENCH DETAIL FOR BEDDING AND BACKFILL MATERIAL.

CLEANOUT DETAIL
NOT TO SCALE

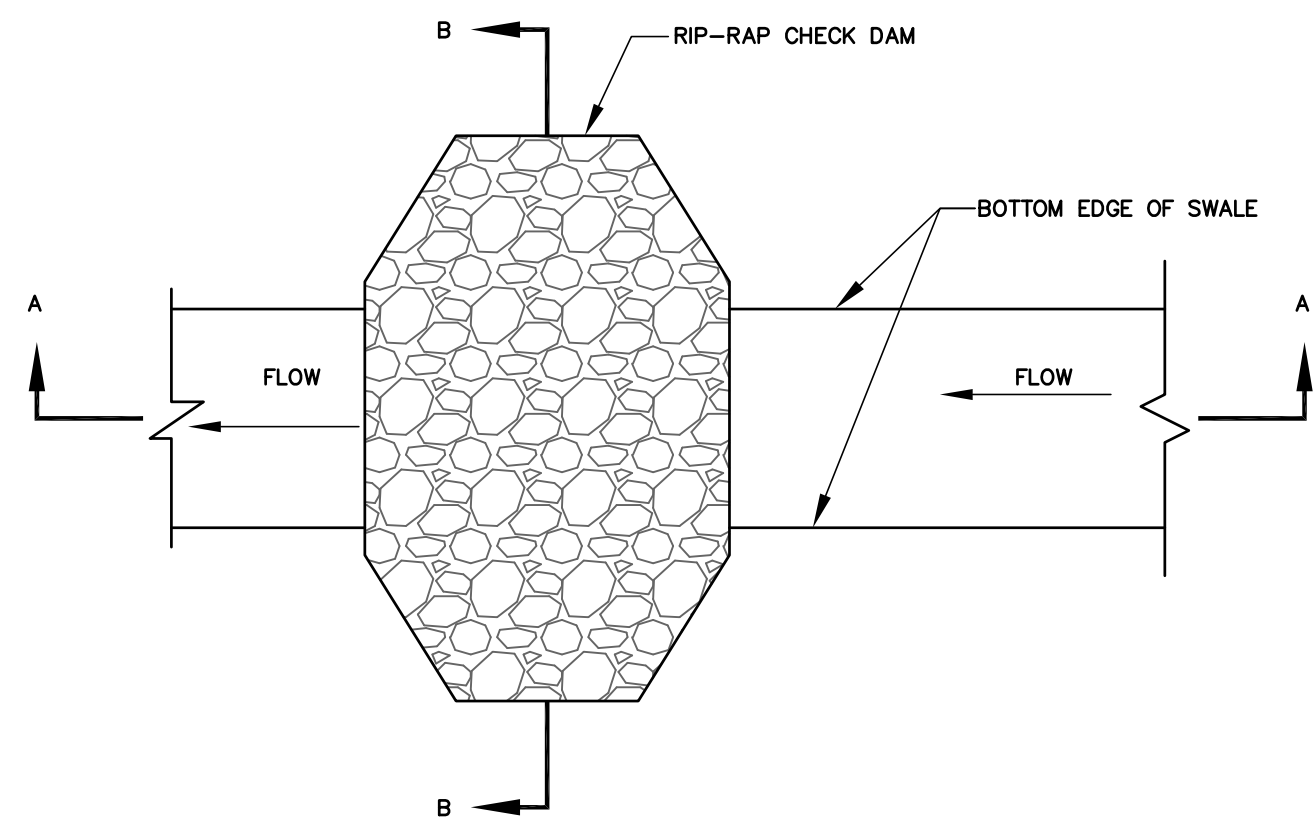


NOTES:
1. REFER TO SITE PLANS FOR STRUCTURE AND OUTLET PIPE ORIENTATION.
2. ORIFICE OPENING SHALL BE CAST IN AND SHALL NOT SHARE THE SAME WALL AS THE OUTLET PIPE.
3. PARING OF INTERIOR JOINTS SHALL NOT BE ACCEPTED, WITH THE EXCEPTION OF LIFT HOLES.

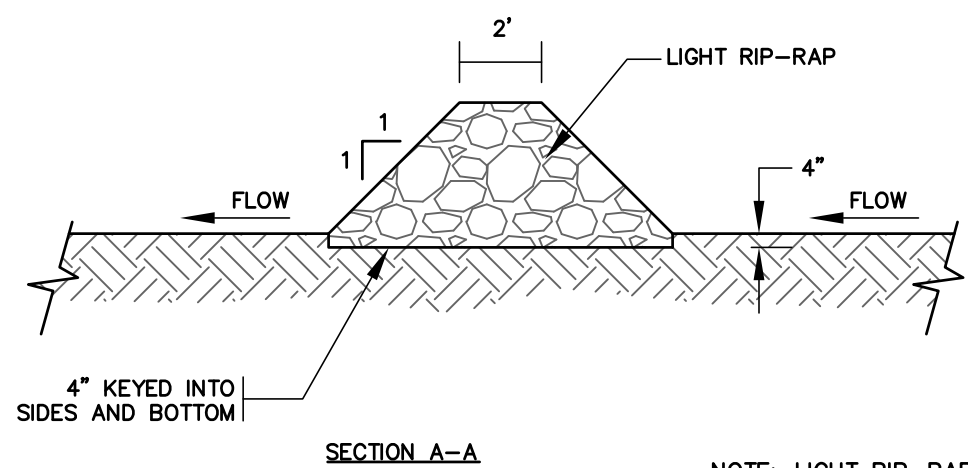
DRY POND OUTLET STRUCTURE DETAIL
NOT TO SCALE



STONE DIAPHRAGM SECTION
NOT TO SCALE

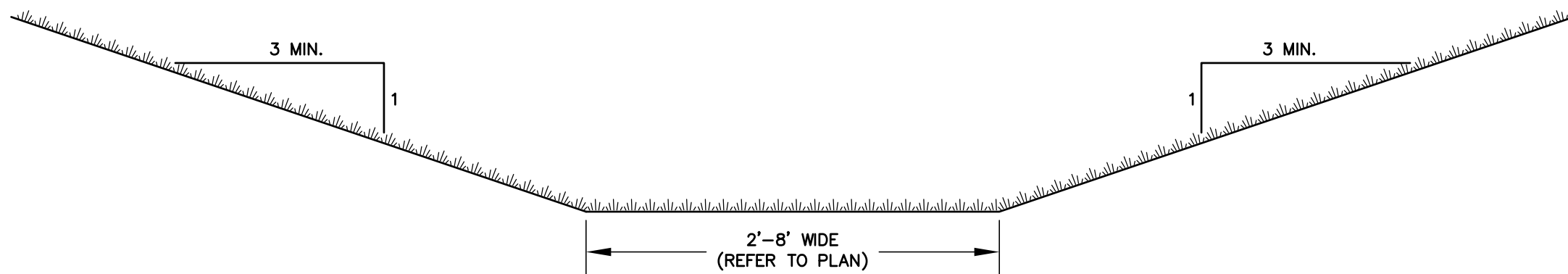
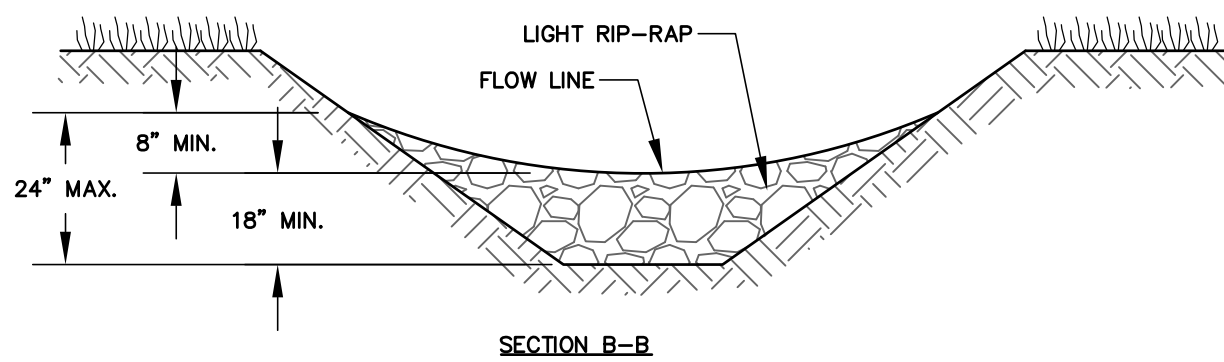


PLAN VIEW



NOTE: LIGHT RIP-RAP USED TO CONSTRUCT CHECK DAMS SHALL BE COMPRISED ENTIRELY OF THE LARGE COMPONENT GRADED MATERIAL.

RIP-RAP CHECK DAM DETAIL
NOT TO SCALE



NOTE:
CHANNEL SLOPE SHALL BE 4% MAX.

GRASS CHANNEL DETAIL
NOT TO SCALE

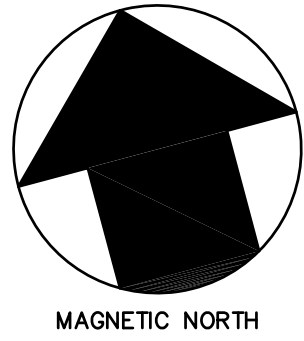
EAST STREET
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C-5



SOIL RESTORATION NOTES:

Following rough site grading, installation of utilities and infrastructure, and prior to planting of vegetative cover, Contractor shall restore soil quality to disturbed soils that will not be covered by impervious surfaces, incorporated into structural stormwater treatment practices, athletic fields, or engineered structural fill using one of the following methods. Contractor shall provide notice to Engineer/Owner prior to construction of selected method.

Option 1: Amend existing site topsoil or subsoil in place.

- Scarify or till subsoils to 4 inches of depth or to depth needed to achieve a total depth of 8 inches of uncompacted soil after calculated amount of amendment is added. Except for within the drip line of existing trees, the entire surface shall be disturbed by scarification.
- Amend soil to meet organic content requirements:
 - PRE-APPROVED RATE: Place 1 inch of composted material with an organic matter content between 40 and 65% and rototill into 3 inches of soil, or
 - CALCULATED RATE: Place calculated amount of composted material or approved organic material and rototill into depth of soil needed to achieve 4 inches of settled soil at 4% organic content.
- Rake beds to smooth and remove surface rocks larger than 2 inches in diameter.
- Water or roll to compact soil in turf areas to 85% of maximum dry density.

Option 2: Remove and stockpile existing topsoil during grading.

- Stockpile soil on site in a designated controlled area, at least 50 feet from surface waters, wetlands, floodplains, or other critical resource areas.
- Scarify or till subgrade to a depth of 4 inches. Except for within the drip line of existing trees, the entire surface shall be disturbed by scarification.
- Stockpiled topsoil shall also be amended, if needed, to meet the organic content requirements:
 - PRE-APPROVED RATE: Compost shall be incorporated with an organic matter content

- between 40 and 65% into the topsoil at a ratio 1:3, or
 - CALCULATED RATE: Incorporate composted material or approved organic material at a calculated rate to achieve 4 inches of settled soil at 4% organic content.
 - Replace stockpiled topsoil prior to planting.
 - Rake to level, and remove surface rocks larger than 2 inches in diameter.
- Option 3: Import topsoil mix, or other materials for mixing, including compost, of sufficient organic content and depth.
- Scarify or till subgrade to a depth of 4 inches. Except for within the drip line of existing trees, the entire surface shall be disturbed by scarification.
 - Place 4 inches of imported topsoil mix on surface. The imported topsoil mix shall contain 4% organic matter. Soils used in the mix shall be sand or sandy loam as defined by the United States Department of Agriculture (USDA) Soil Classification System.
 - Rake beds to smooth and remove surface rocks larger than 2 inches in diameter.
 - Water or roll to compact soil in turf areas to 85% of maximum dry density.

SOIL RESTORATION TESTING:

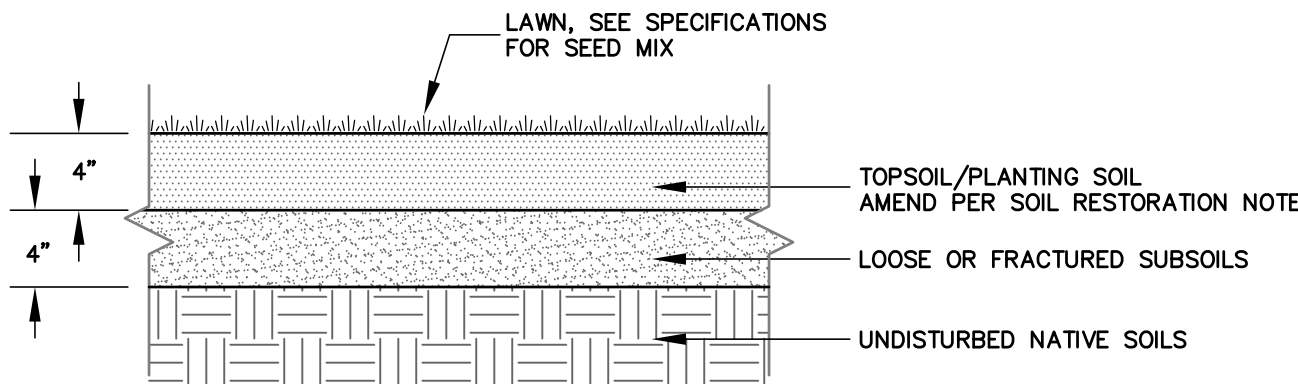
Once soil quality has been restored in accordance with the soil restoration methods outlined, and prior to planting the Contractor shall perform field testing of restored soil quality. Testing shall be in the locations shown on the plans or as approved by the Engineer. A minimum of nine test holes per acre shall be dug. Testing shall be performed using spade shovel driven using solely by the weight of the inspector. Contractor shall prepare reporting form that includes the following information:

1. Date/time of test,
2. Persons performing and witnessing testing.
3. Location of test,
4. observations shall note: ease of driving spade (difficult, moderate, easy), verification of soil

amendments, note of material thicknesses, texture and other notable soil features.

Tests that indicate difficulty in driving a spade, lack of soils amendments, and textures not consistent with restoration practice options noted above shall have an additional test performed within 50 feet of the test showing "poor" results. If three consecutive tests showing poor results are obtained the area tested shall be subject to rework in accordance with restoration practices noted and subsequently retested.

On completion of successful testing, surfaces shall be planted with seed and stabilized in accordance with technical specifications.

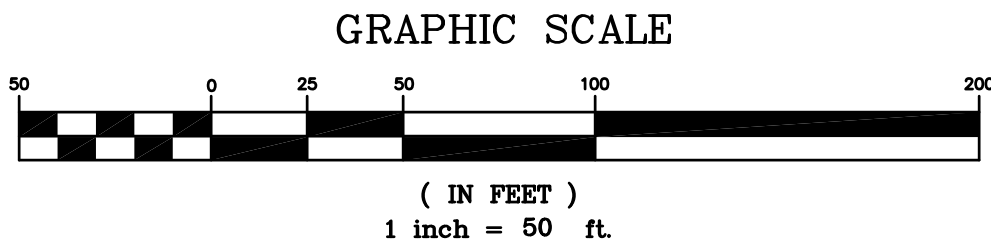
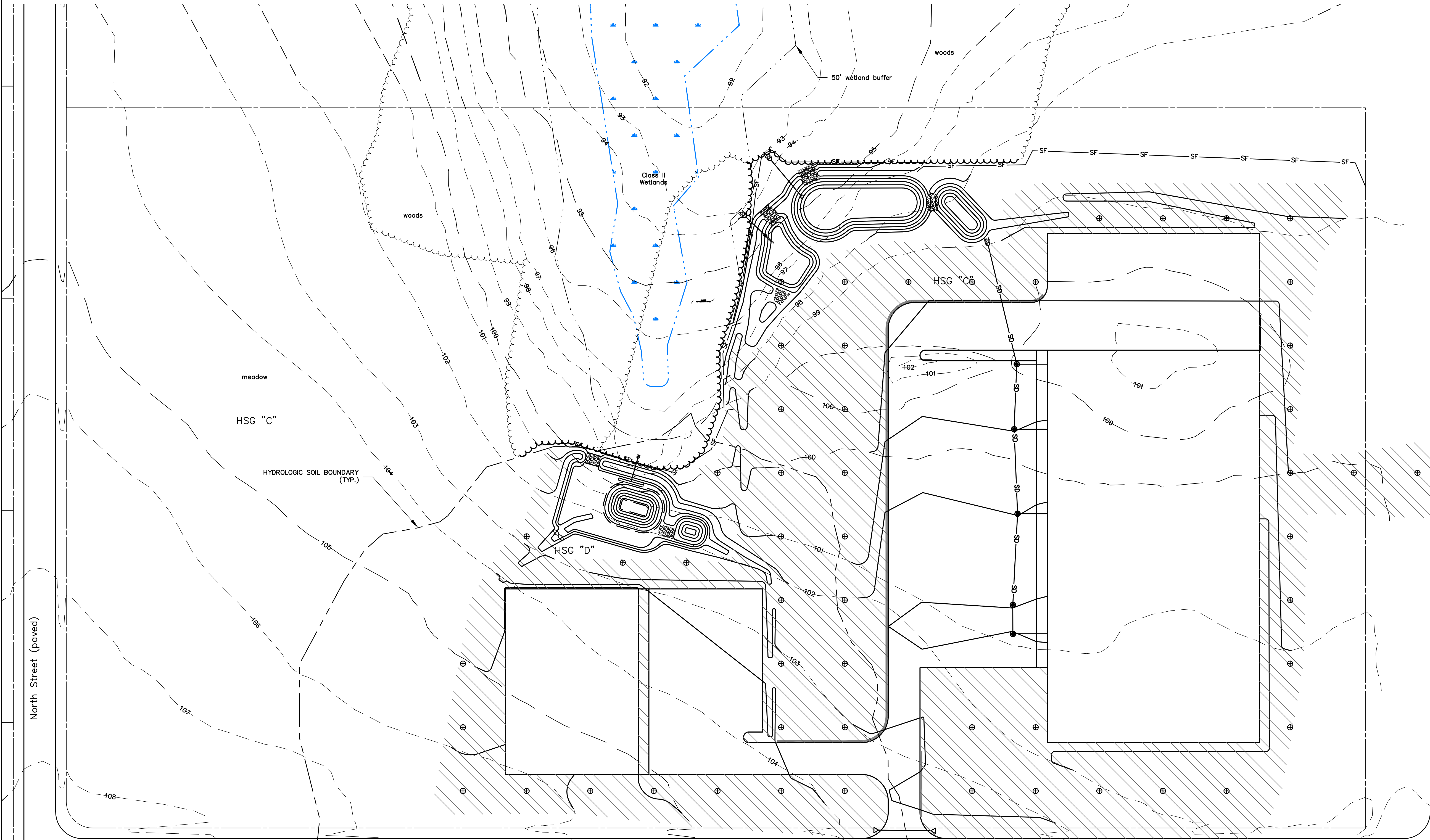


LAWN PLANTING
NOT TO SCALE

LEGEND

⊕ SOIL RESTORATION TEST

 DISTURBED SOILS SUBJECT TO SOIL RESTORATION STANDARDS



EAST STREET
COMMERCIAL PLAZA

SOILS
MANAGEMENT PLAN

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