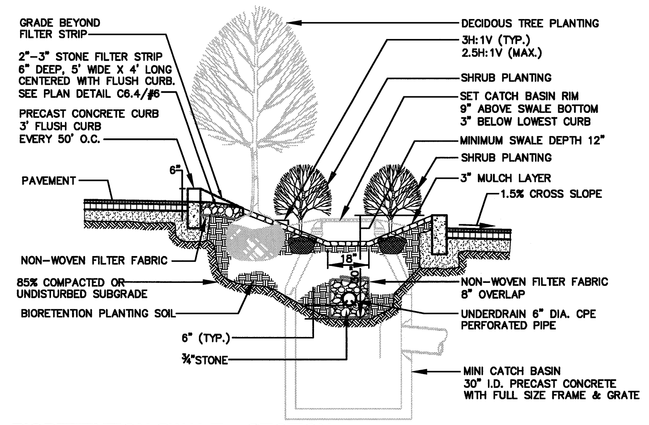
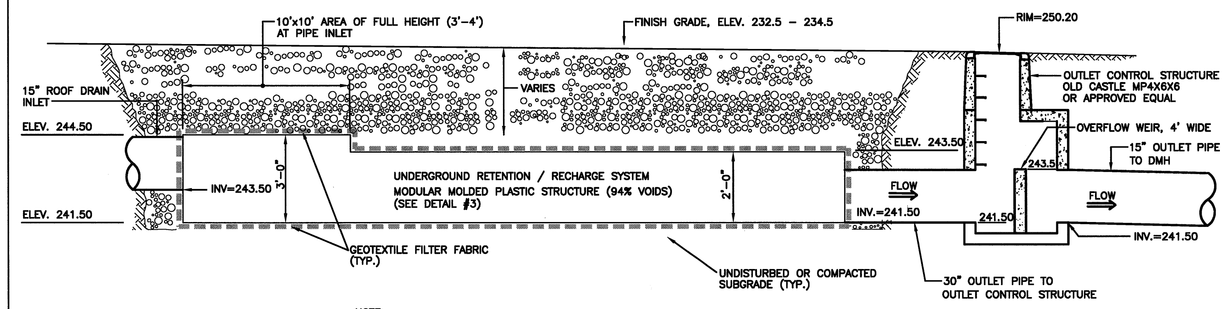


NOTES:

1. BIORETENTION PLANTING SOIL:
   30% LOAM
   20% SHREDDED HARDWOOD MULCH
   50% SAND
   UNIFORM MIX BY VOLUME
2. LOCATE TRESS AND SHRUBS AS SHOWN ON PLANTING PLANS AND DETAILS. DO NOT PLAN TREES WITHIN FIVE FEET OF A FILTER STRIP.
3. CONNECT UNDERDRAIN OUTLET TO CATCH BASIN.
4. SWALE LONGITUDINAL SLOPE:
   MINIMUM 0.5%
   MAXIMUM 2.0%
5. UNDERDRAIN SLOPE TO MATCH SWALE LONGITUDINAL SLOPE.
6. DO NOT CONSTRUCT SWALE UNTIL THE CONTRIBUTING DRAINAGE AREA IS PERMANENTLY STABILIZED.
7. DO NOT COVER COMPACT SUBGRADE OR BIORETENTION PLANTING SOIL DURING CONSTRUCTION.

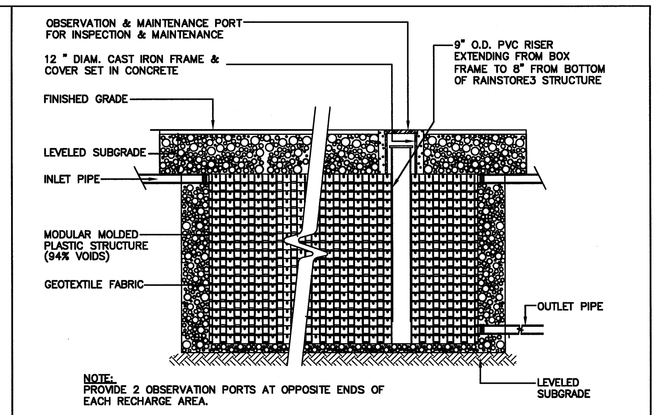
1 BIORETENTION SWALE - SECTION
N.T.S.



NOTE:

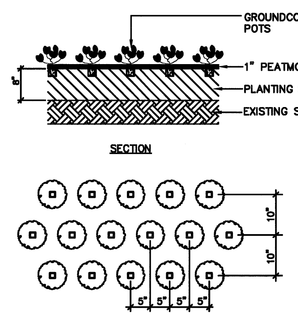
1. UNDERGROUND DETENTION STRUCTURE SHALL BE SIMILAR TO RAINSTORE3 AS MANUFACTURED BY INVISIBLE STRUCTURES, INC.

2 SUBSURFACE RECHARGE SYSTEM FOR 200 PATRIOT WAY
N.T.S.

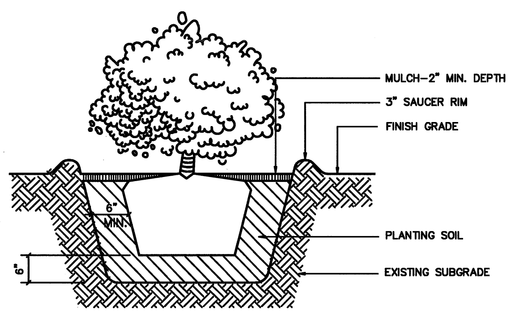


NOTE:
PROVIDE 2 OBSERVATION PORTS AT OPPOSITE ENDS OF EACH RECHARGE AREA.

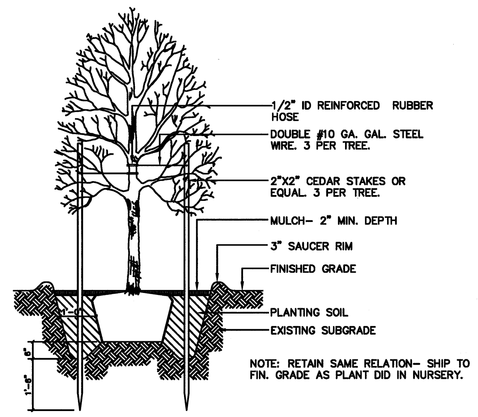
3 MODULAR MOLDED PLASTIC RECHARGE STRUCTURE DETAIL
N.T.S.



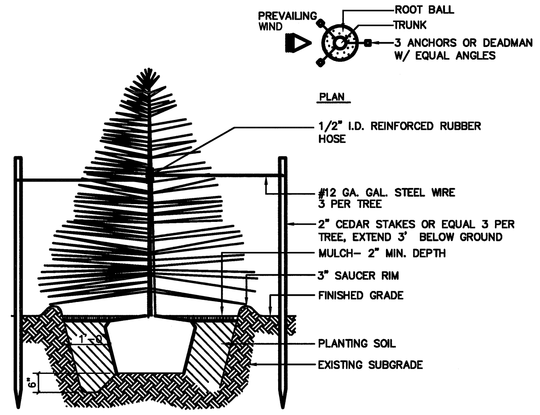
4 GROUNDCOVER PLANTING
N.T.S.



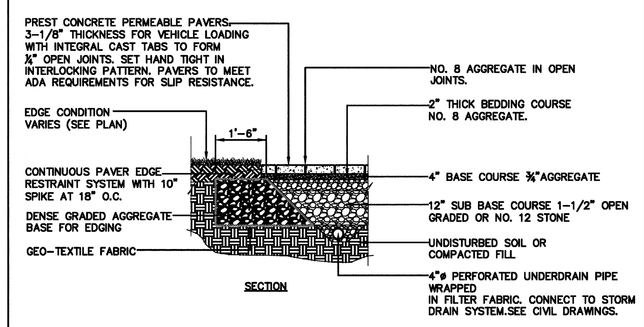
5 SHRUB PLANTING
N.T.S.



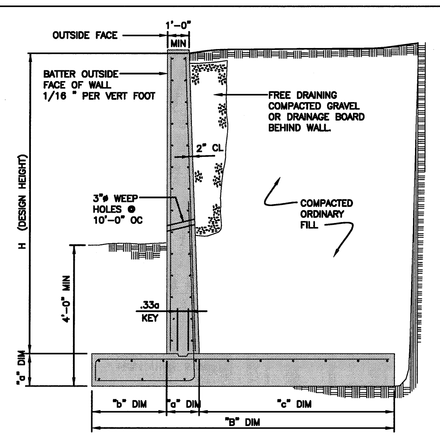
6 DECIDUOUS TREE PLANTING
N.T.S.



7 EVERGREEN TREE PLANTING
N.T.S.



8 PERMEABLE CONCRETE PAVERS
N.T.S.



8 REINFORCED CONCRETE SITE RETAINING WALL
N.T.S.

SMMA
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W www.klingstubbins.com

OWNER REVIEW

NAME	DATE

NO.	DATE	DESCRIPTION
1	12/18/09	B200 SPECIAL PERMIT

ISSUE LOG
△ = CLOUDED CHANGE

PATRIOT PARTNERS

Lexington TECHNOLOGY PARK
200 Patriot Way
Lexington, Massachusetts

DETAILS III

SCALE	NTS
DRAWN BY	EF
CHECKED BY	
PROJ. ARCH. / ENGR.	JCH
PROJ. MGR.	BWL
JOB NO.	07044.00

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C6.3