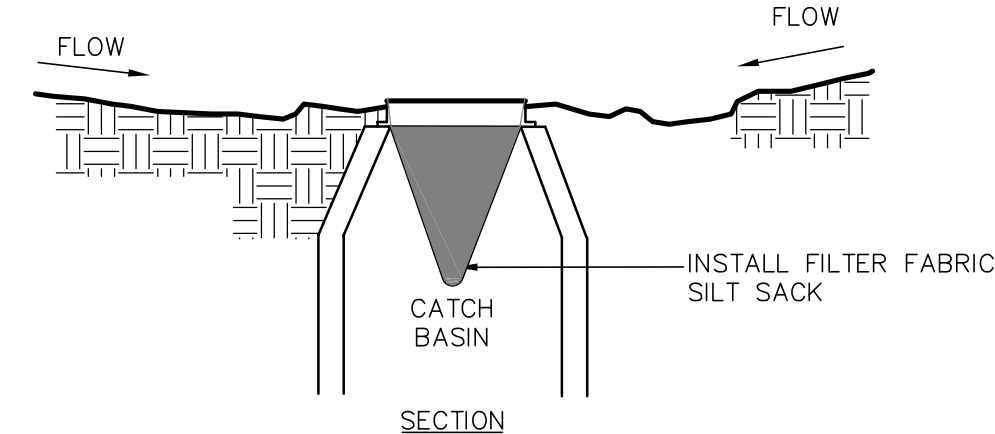


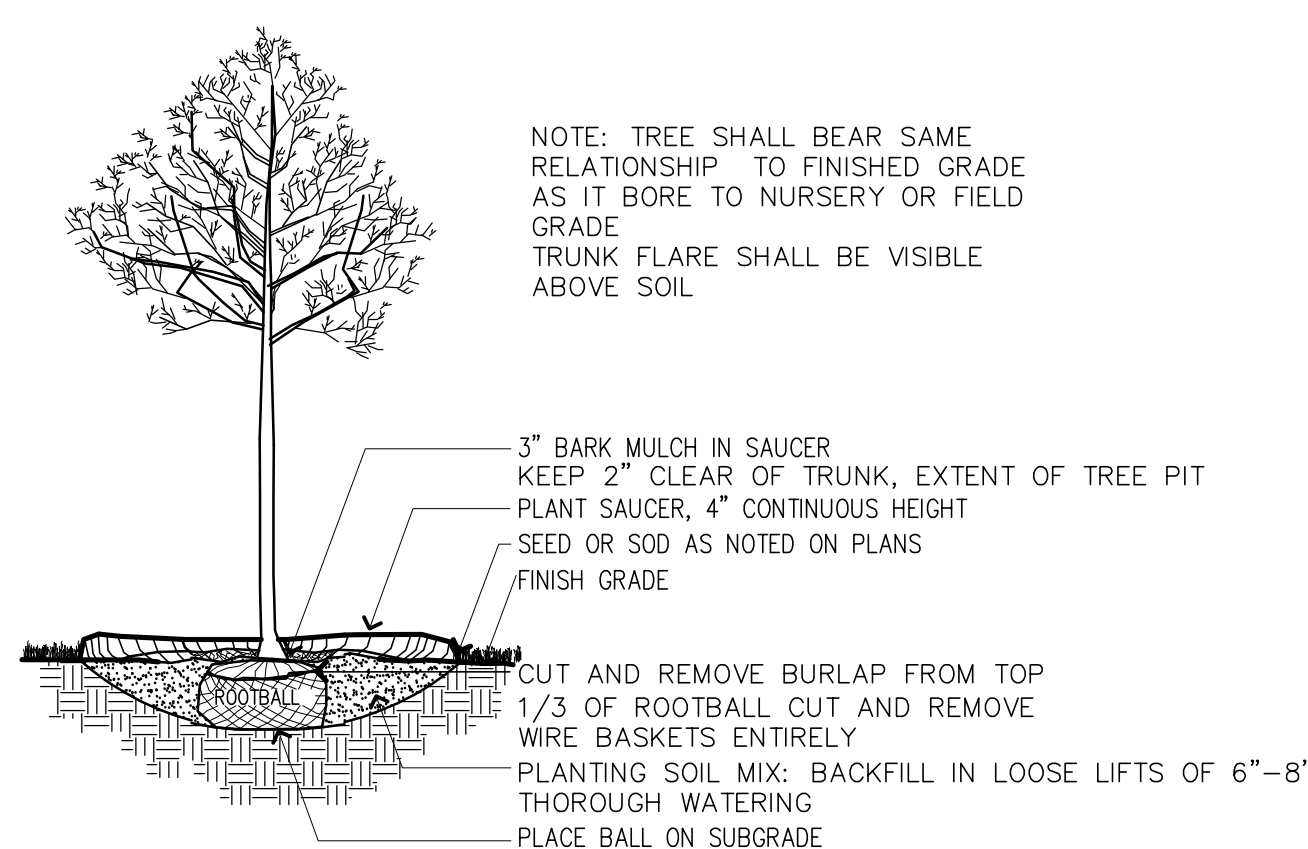
**WINDSOR AT  
OAK GROVE  
MAIL LOCKER SHED**

12 ISLAND HILL AVENUE  
MELROSE, MA

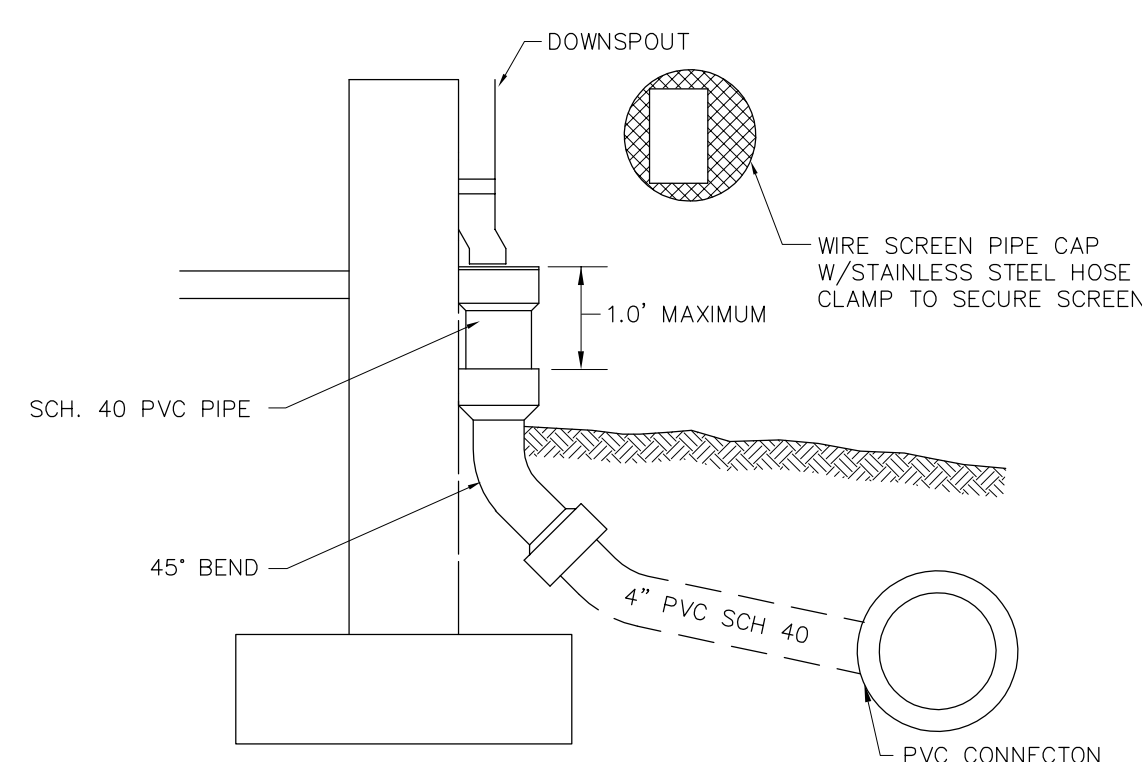


- NOTES:
1. INSTALL SILT SACK IMMEDIATELY AFTER CATCH BASIN CONSTRUCTION. MAINTAIN UNTIL PAVING BINDER COURSE IS COMPLETE OR A PERMANENT STAND OF GRASS HAS BEEN ESTABLISHED.

**SILT SACK**



**DECIDUOUS TREE PLANTING**



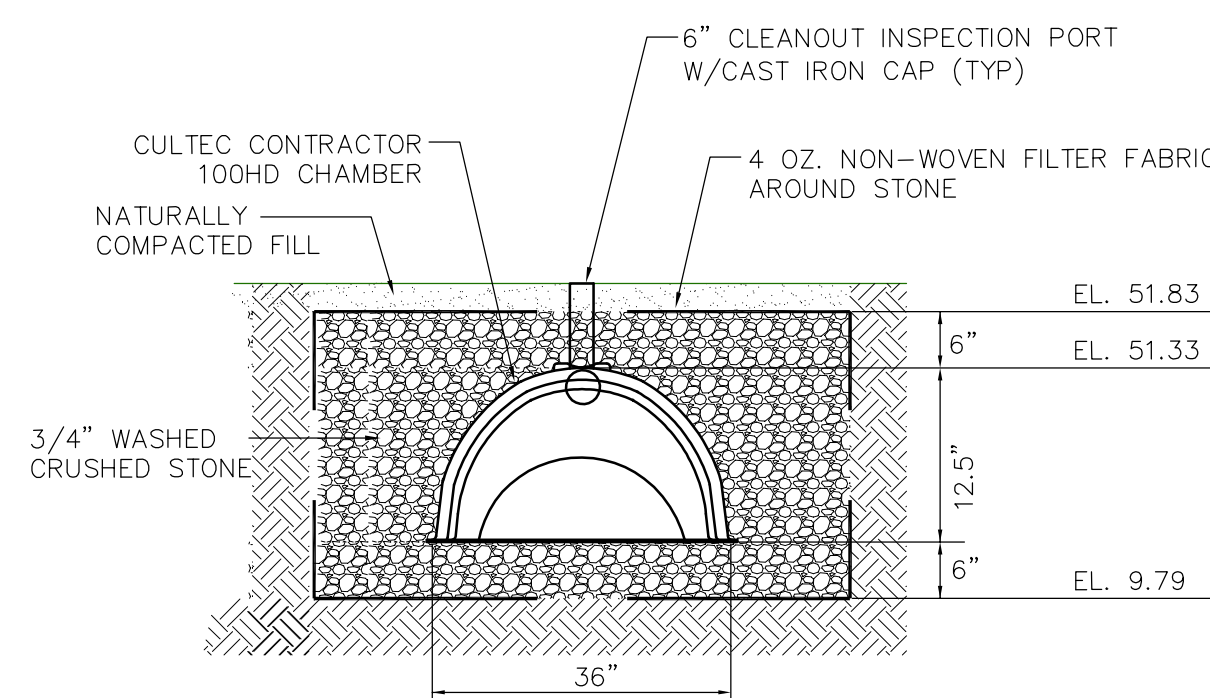
- NOTES:
1. ALL PIPE, FITTINGS AND COMPONENTS SHALL BE PVC SCHEDULE 40
  2. ALL JOINTS & CONNECTIONS SHALL BE WATERTIGHT.

**DOWNSPOUT CONNECTION**

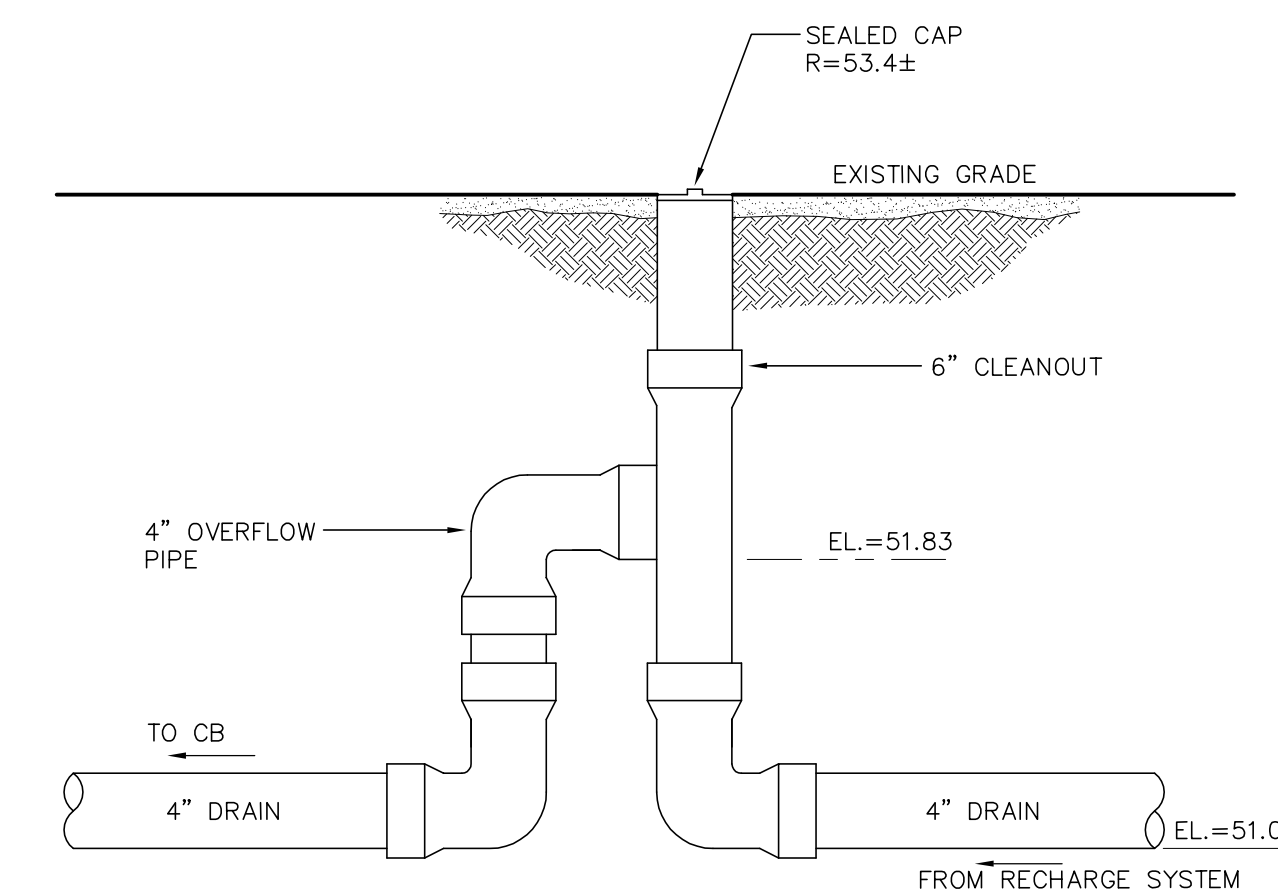
**INFILTRATION CALCULATIONS**

STORAGE VOLUME REQUIRED  
 2-INCH OF RAINFALL OVER IMPERVIOUS SURFACES  
 IMPERVIOUS SURFACE = 401 S.F.  
 REQUIRED STORAGE =  
 (1/12) FEET X 401 = 66.8 C.F.  
 PROVIDE CULTEC CHAMBERS MODEL 100HD  
 WITH 6" STONE BEDDING  
 PROVIDE 2 CHAMBERS  
 STORAGE PROVIDED = 88.8 C.F. > 66.8 C.F.

**INFILTRATION CALCULATIONS**



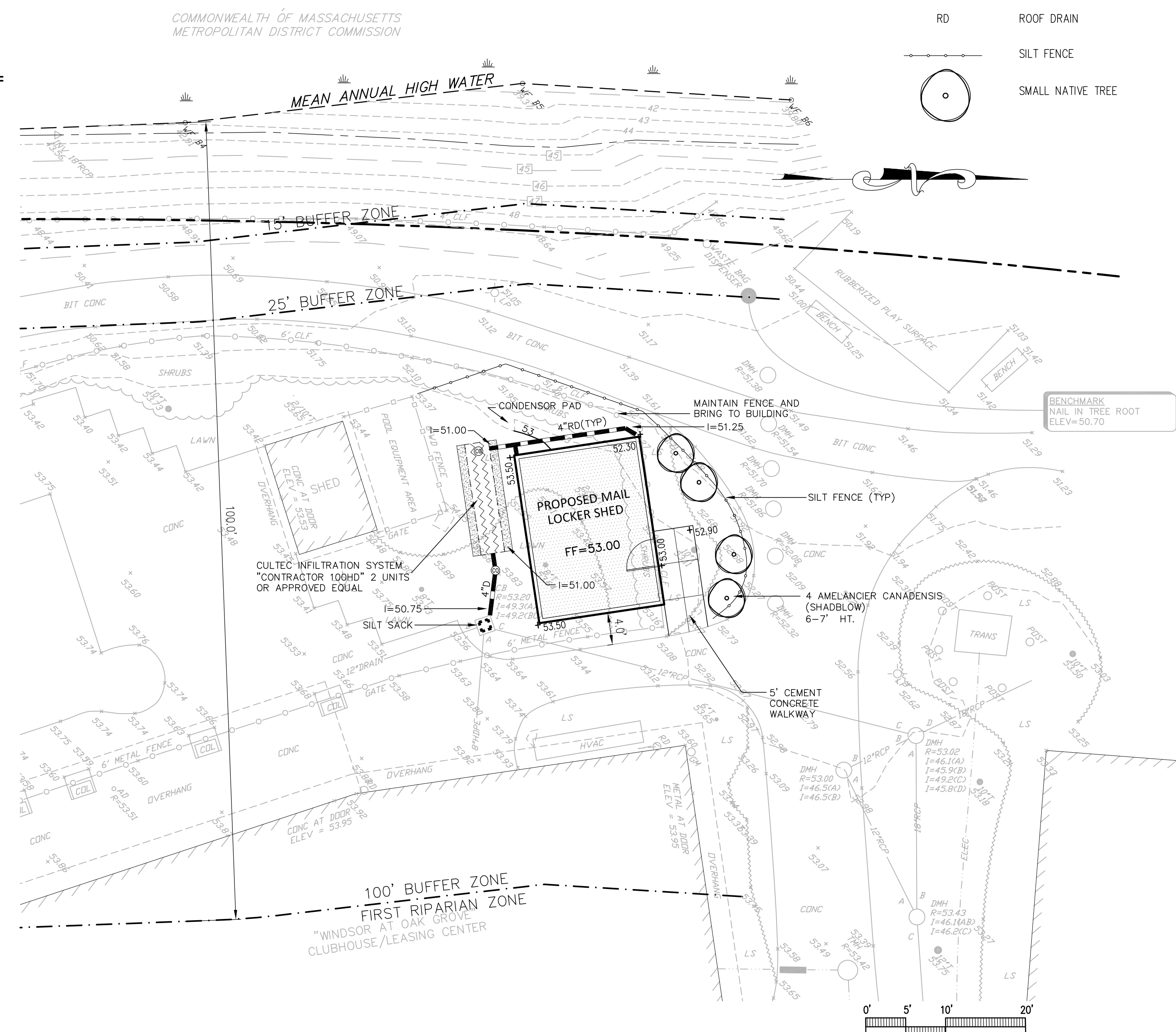
**UNDERGROUND INFILTRATION SYSTEM**



**CLEANOUT/OVERFLOW**

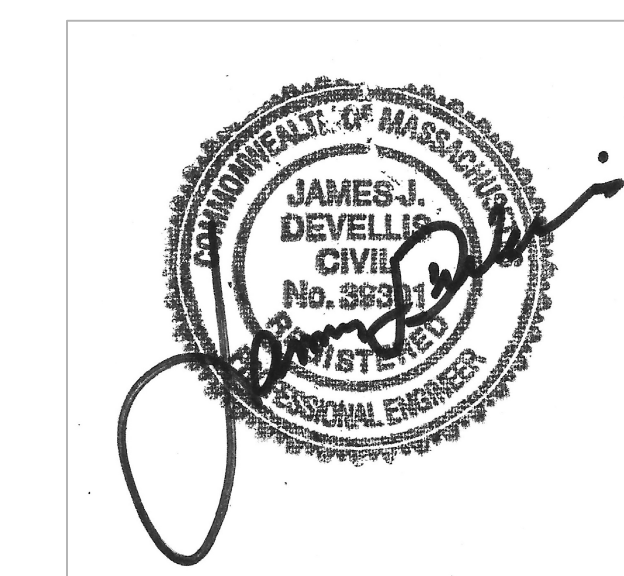
**GRADING AND UTILITY NOTES**

1. EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY PRECISION LAND SURVEYING INC. OF SOUTHBORO, MA AND IS DATED FEBRUARY 21, 2020.
2. PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT, BOTH ON AND OFF THE SITE, THE CONTRACTOR SHALL NOTIFY DISSAFE AND BE PROVIDED WITH A DISSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
3. CONTRACTOR TO ADJUST UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, UTILITY MANHOLES, CATCH BASINS, INLETS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
4. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES.
5. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
6. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ALL GAS, ELECTRIC, TELEPHONE, AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
7. CONTRACTOR SHALL MAINTAIN, OR ADJUST TO NEW FINISH GRADE, AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS: LIGHT POLES, SIGN POLES, MANHOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS, UNLESS OTHERWISE NOTED OR DIRECTED BY OWNER'S REPRESENTATIVE.
8. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION, AT THE CONTRACTOR'S EXPENSE.
9. PROTECT AND MAINTAIN EXISTING ON-SITE DRAINAGE STRUCTURES AND PIPES UNLESS OTHERWISE NOTED.
10. WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
11. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES AND PLANTING BEDS.
12. MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
13. ENSURE ALL EXISTING (TO REMAIN), AND PROPOSED MANHOLE COVERS PROPERLY IDENTIFY UTILITY SERVICED.
14. CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.
15. SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS REQUIRED.



**LEGEND**

---	PROPERTY LINE
---	DRAIN LINE
---	PROPOSED CONTOUR MINOR LINE
+100.50	SPOTGRADE
⊙	CLEAN OUT
RD	ROOF DRAIN
---	SILT FENCE
○	SMALL NATIVE TREE



**DZ I** Land Planning, Civil Engineering,  
Landscape Architecture  
Po Box 307  
Foxborough, MA  
www.develliszrein.com  
tel. 508.393.8583

**DeVellis Zrein Inc.**

**SITE PLAN**

SCALE: 1"= 10'  
 JOB: 2GIS-427  
 FILE:  
 DRAWN:  
 CHECKED:  
 DATE: 03.20.20

**C-1**