

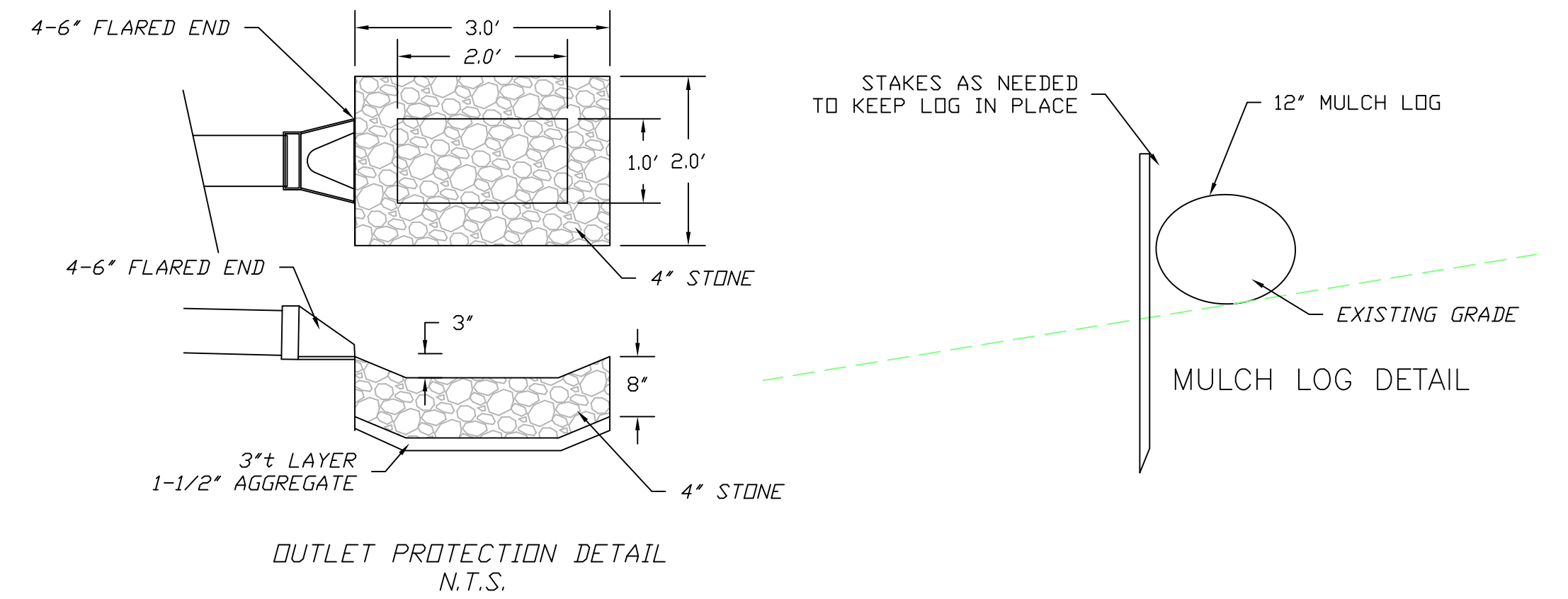
**WETLANDS SUMMARY**

	TOTAL	EXISTING IMPERVIOUS	PROPOSED
WETLANDS AREA	1,670 SQ. FT.		
BUFFER-50 FT.	7,624 SQ. FT.	1,133 sq. ft.	7 sq. ft.
BUFFER-100 FT.	9,021 SQ. FT.	2,377 sq. ft.	748 sq. ft.

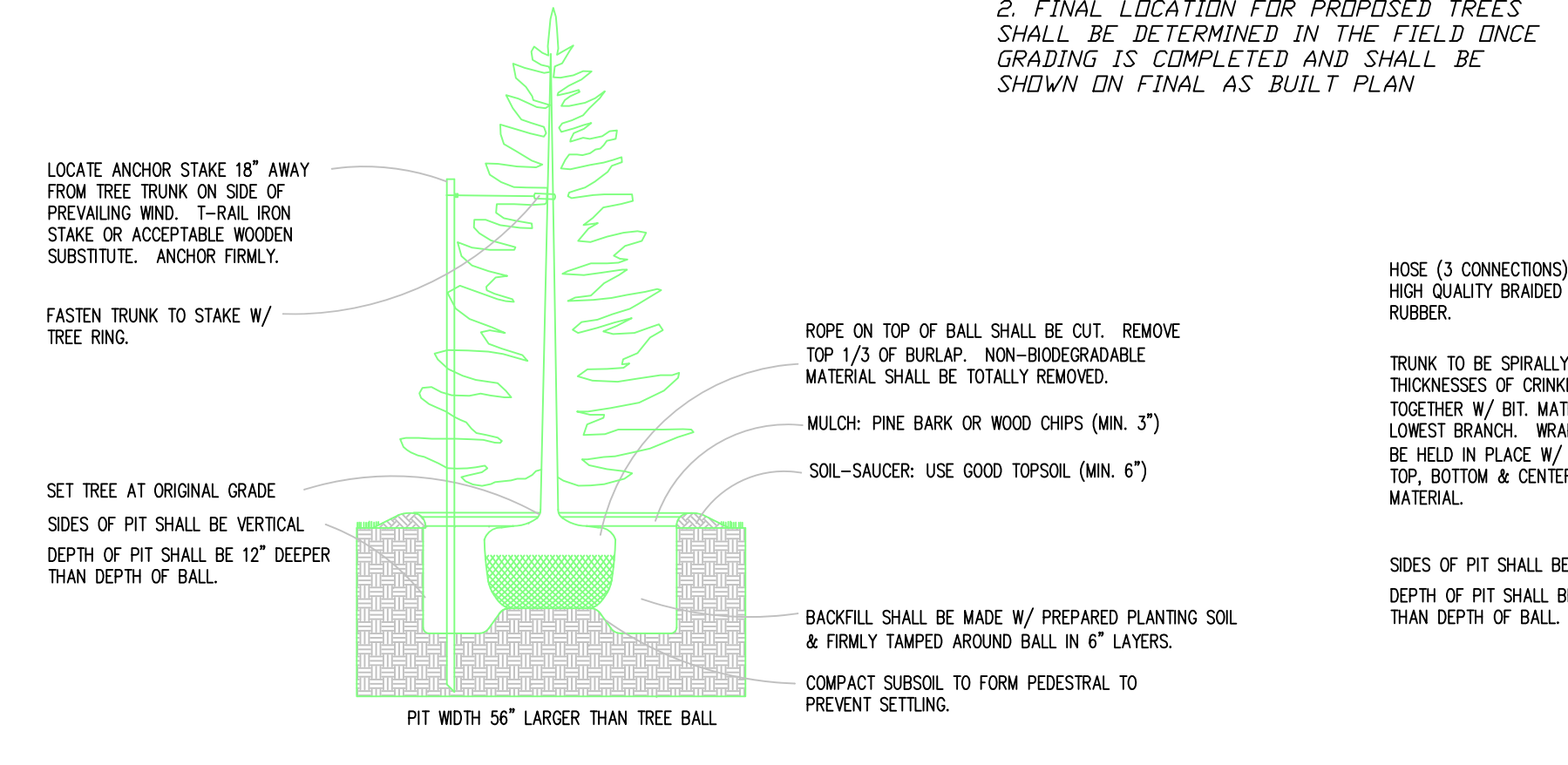
**PROPOSED DISTURBANCE AREAS**

50' BUFFER	150 sq. ft.
100' BUFFER	1,990 sq. ft.
TOTAL	2,150 SQ. FT.

TOTAL SITE DISTURBANCE 2,520 SQ. FT.

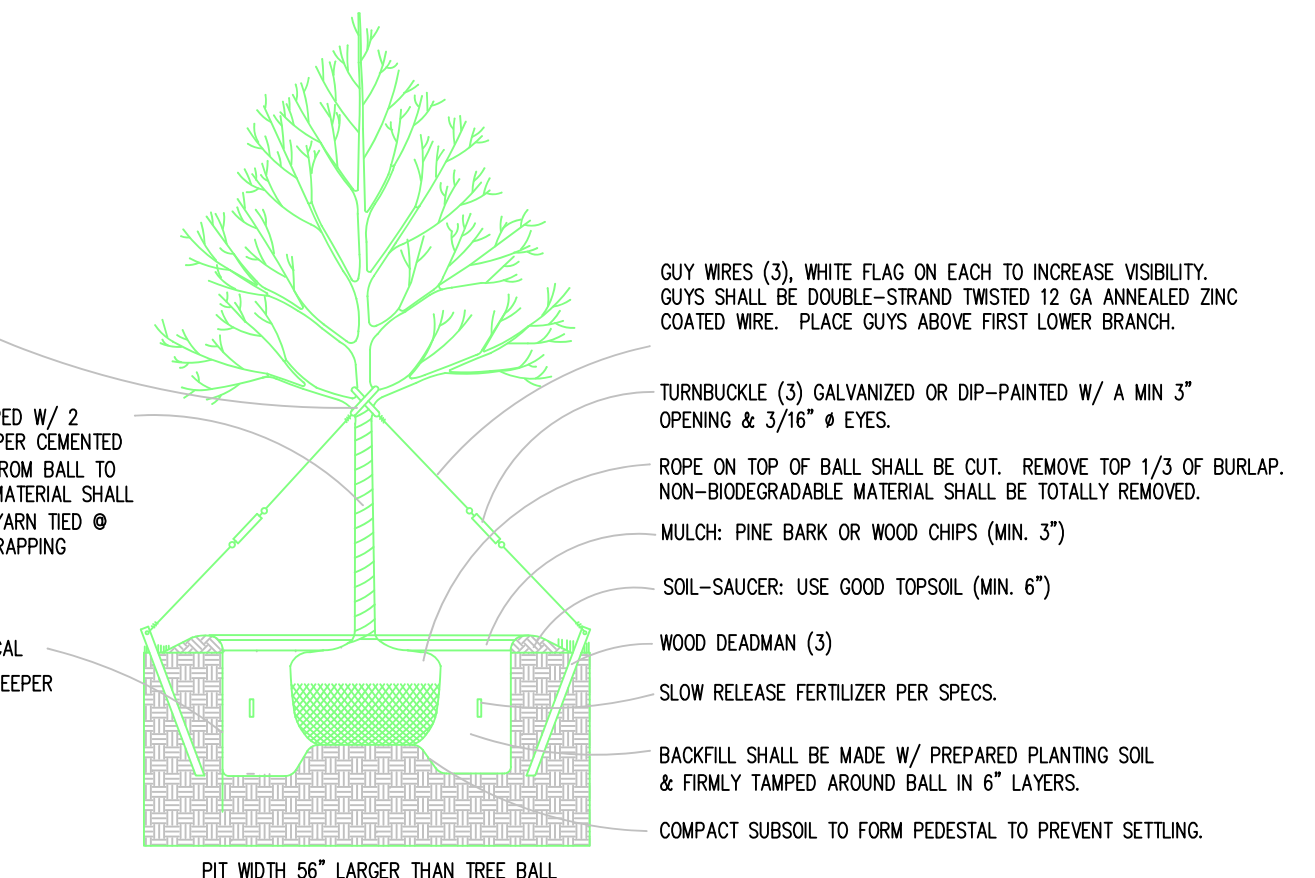


NOTE:  
 1. A TOTAL OF 3 TREES SHALL BE PLANTED AS SHOWN. THEY SHALL BE A MIX OF HEMLOCK AND PIN OAK.  
 2. FINAL LOCATION FOR PROPOSED TREES SHALL BE DETERMINED IN THE FIELD ONCE GRADING IS COMPLETED AND SHALL BE SHOWN ON FINAL AS BUILT PLAN.



NOTES:  
 1. DO NOT DAMAGE MAIN TREE ROOTS OR DESTROY ROOT BALL WHEN INSTALLING TREE.  
 2. WATER THOROUGHLY SUBSEQUENT TO INSTALLATION.  
 3. REMOVE HOSE & STAKE AT END OF GUARANTEE PERIOD.

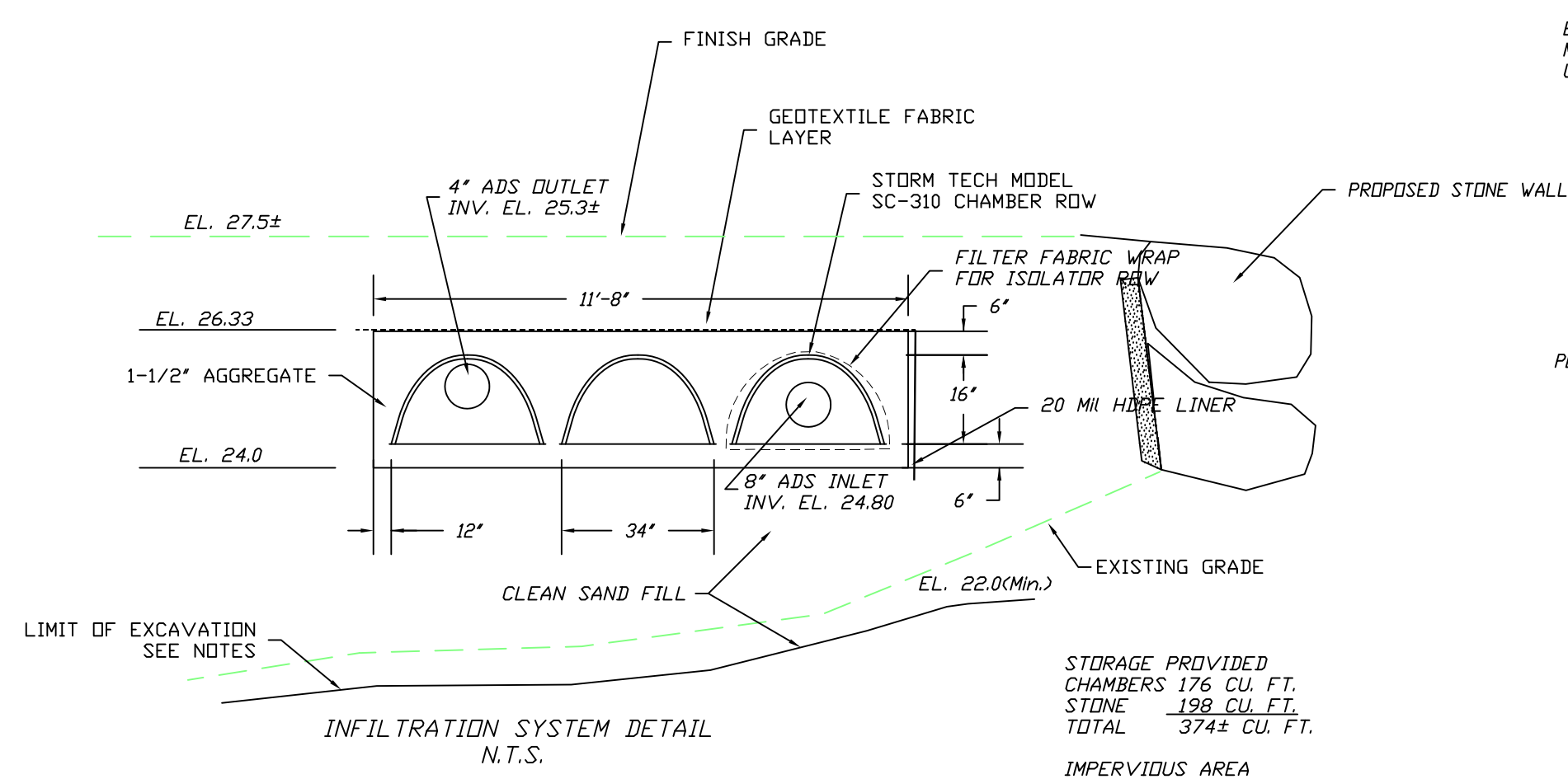
TYPICAL CONIFEROUS TREE PLANTING  
 (6' HEIGHT & SMALLER)  
 NOT TO SCALE



NOTES:  
 1. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.  
 2. LEAVE 10' OF STAKE ABOVE GRADE FOR REMOVAL.  
 3. TREE PIT TO STREET PIT UNDERDRAINAGE CONNECTION WHERE APPLICABLE.  
 4. TREE SHALL BE SECURED WITH 3 GUY WIRES SPACED 120° APART. TREE SHALL STAND PLUMB. GUY WIRES TO BE REMOVED AT END OF GUARANTEE PERIOD.

TYPICAL TREE PLANTING & GUYING  
 (12' HEIGHT & LARGER)  
 NOT TO SCALE

**SITE PLAN**



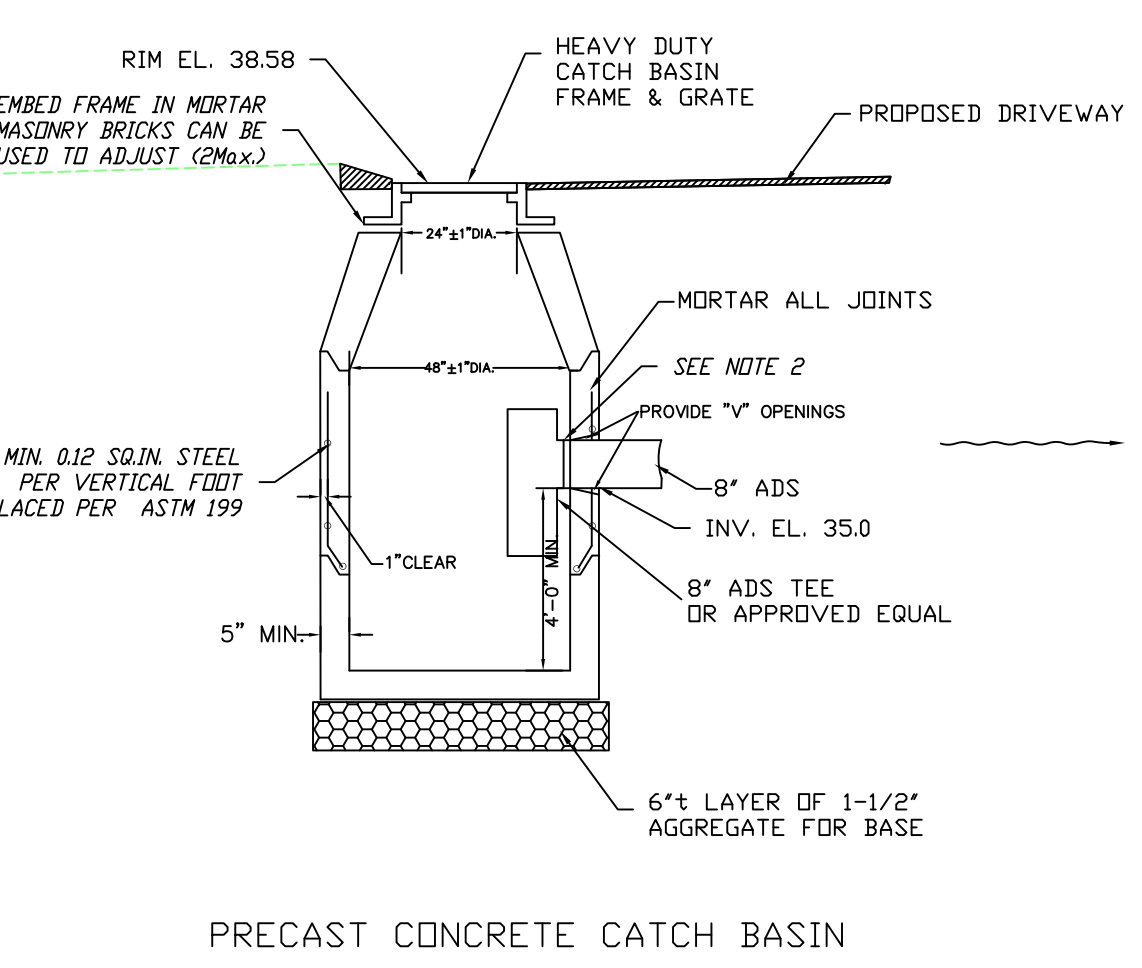
STORAGE PROVIDED  
 CHAMBERS 176 CU. FT.  
 STONE 198 CU. FT.  
 TOTAL 374± CU. FT.

IMPERVIOUS AREA  
 DRIVEWAY 2041  
 WALKWAY 170  
 HOUSE 520 SQ. FT.  
 TOTAL 2,731 SQ. FT.

WATER QUALITY VOLUME 227 CU. FT. (1.0')

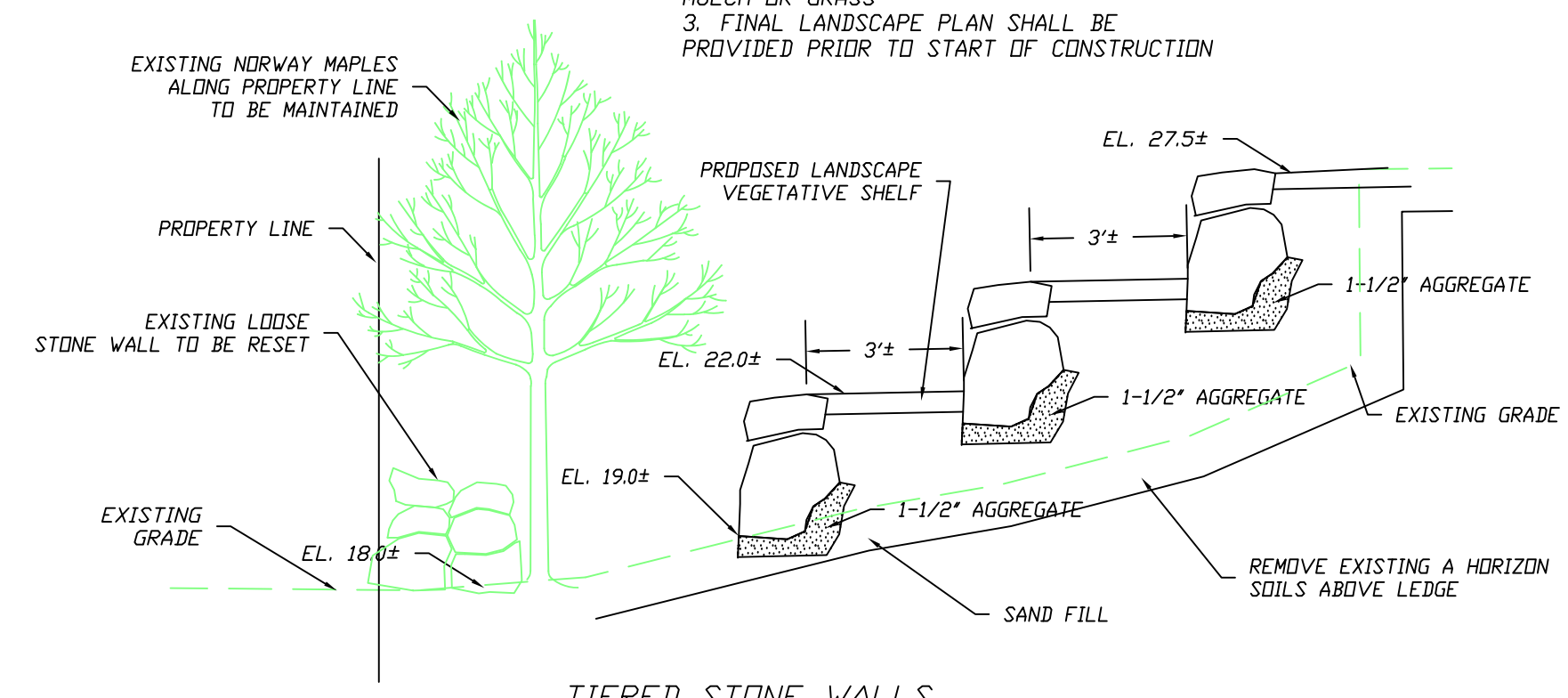
NOTE:  
 1. ALL STORM WATER SUBSURFACE SYSTEMS SHALL BE MAINTAINED IN STRICT ACCORDANCE WITH THE OPERATION & MAINTENANCE MANUAL.  
 2. REMOVE A HORIZON SOILS BENEATH THE SYSTEM.  
 3. IF LEDGE IS ENCOUNTERED IT SHALL BE REMOVED TO ELEVATION 22.0 MINIMUM.

REV.#	DATE	DESCRIPTION
1	10/05/21	ADDED DRAINAGE
2	11/02/21	MOVED WALL BACK
3	01/12/22	ADDED TENSAR SLOPE
4	02/09/22	ADDED WALLS
5	06/09/22	Rev driveway and added J. Zimmer flags

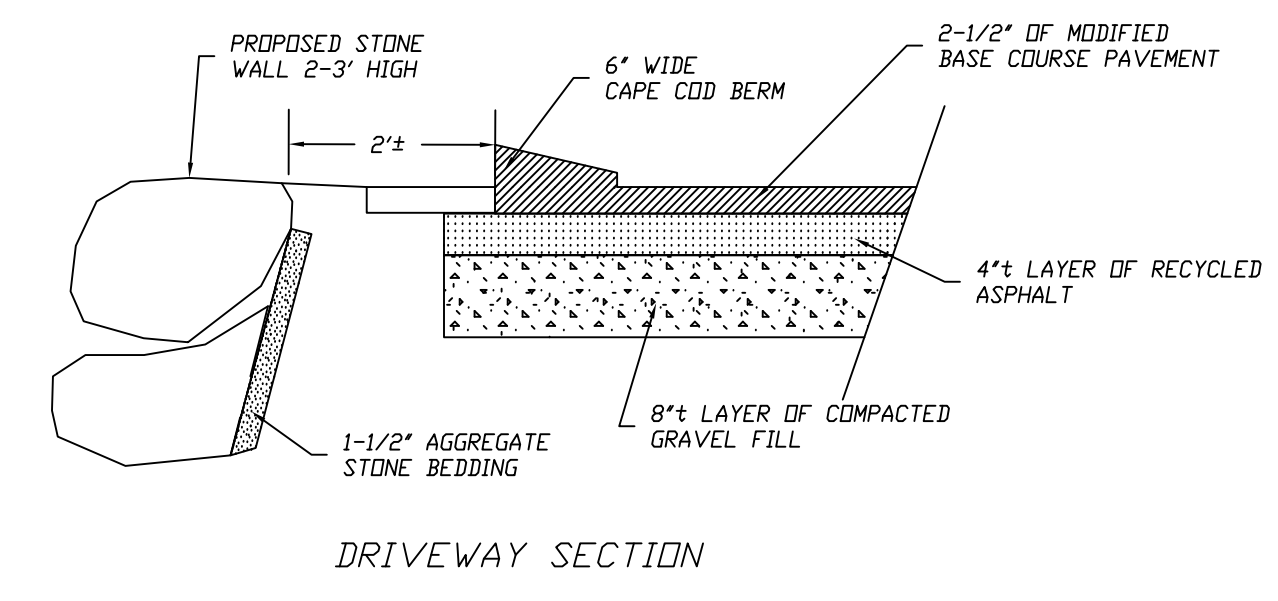


PRECAST CONCRETE CATCH BASIN

NOTES:  
 1. CATCH BASIN STRUCTURE SHALL CONFORM TO MASS HIGHWAY STANDARD DETAIL E 2014.0 UNLESS OTHERWISE NOTED BY HINGHAM DPW.  
 2. DETAILS NOT INDICATED ABOVE ARE TO BE SIMILAR TO THOSE SHOWN ON MASS HIGHWAY DETAIL 2013.0  
 3. FACE OF PIPE FLUSH OR NOT TO PROJECT MORE THAN 4" FROM FACE OF WALL ALONG CENTERLINE OF PIPE.  
 4. FOR DESCRIPTION MATERIAL AND CONSTRUCTION METHODS SEE MASS HIGHWAY CONSTRUCTION SPECIFICATIONS.  
 5. ALL CONCRETE TO BE AIR ENTRAINED.  
 6. ALL OPENINGS SHALL BE PRECAST IN STRUCTURE.



TIERED STONE WALLS  
 (Section View)



DRIVEWAY SECTION



**OWNER/APPLICANT**

JOSEPH & JOAN MARAIA  
 12 HOBART LANE  
 COHASSET, MA  
 ASSESS PARCEL F3-29-043  
 LOT AREA 20,250± SQ. FT.

**PROPOSED CONDITIONS PLAN  
 PROPOSED DRIVEWAY  
 IMPROVEMENTS**

12 HOBART LANE  
 COHASSET, MA

SCALE: 1"=20' DATE: JULY 14, 2021

JAMES ENGINEERING, INC.  
 125 GREAT ROCK ROAD  
 HANOVER, MASS. 02339  
 TEL: 1-(781)-878-1795  
 email: jameseng125\_gary@msn.com

