

project title:

**NOTICE OF INTENT**  
3 ROCK BROOK WAY

prepared for:

**JOSEPH ALBERTA &  
KIMBERLY JACKSON ALBERTA**  
3 ROCK BROOK WAY  
BOXFORD, MA 01921

parcel identification:

map: 10

block: 2

parcel: N.A.

lot: 27.1

revisions

no.	date	description
0	09/27/17	ISSUED FOR REVIEW

plan submission

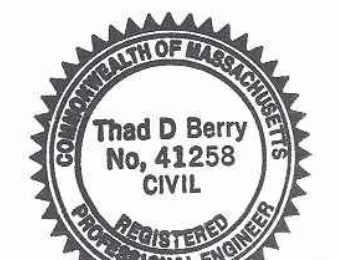
**NOTICE OF INTENT**

date: 09.27.2017

scale: 1" = 20'

job no: 2017-43 / 3458

DEP no: 114-1246

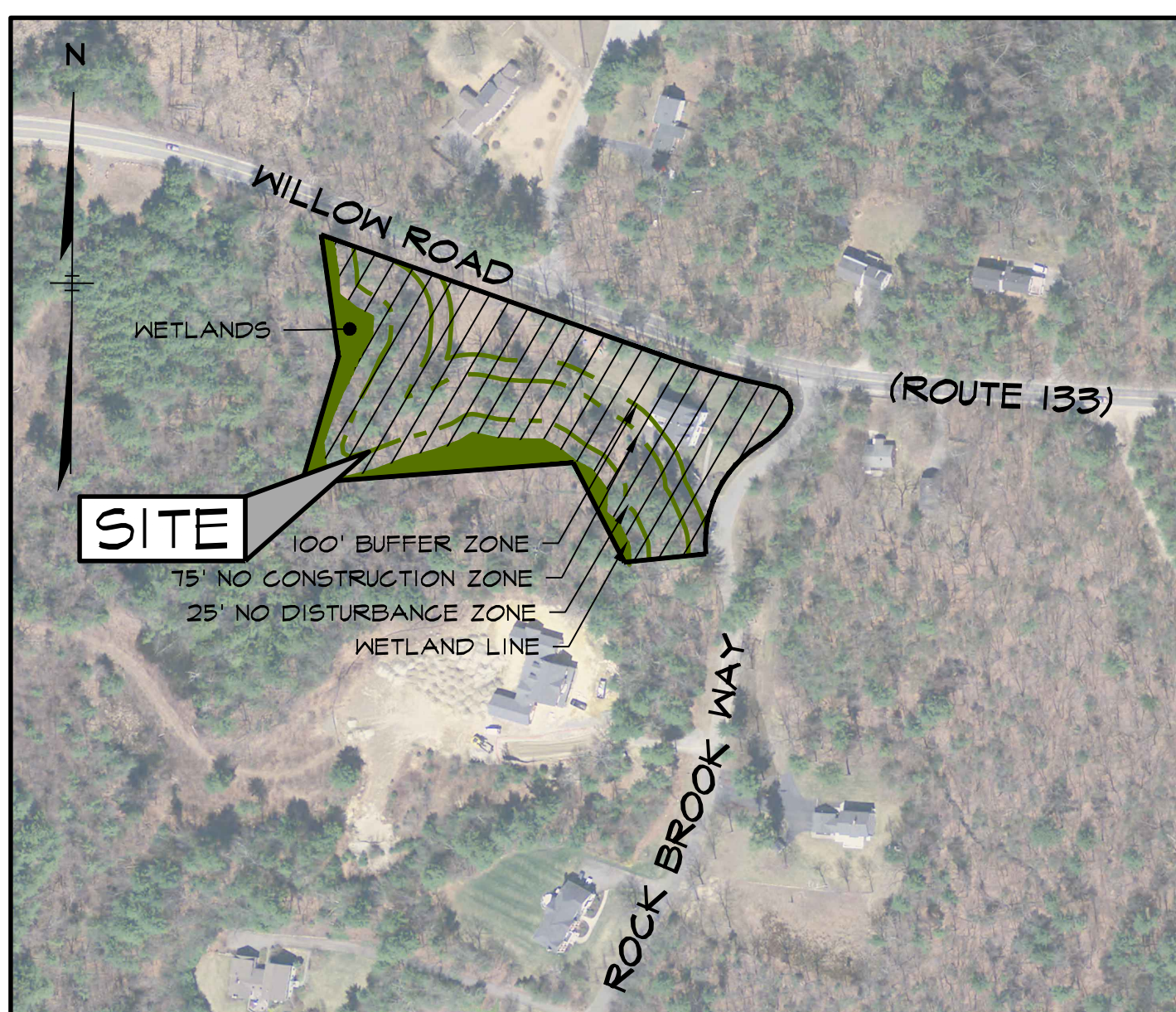
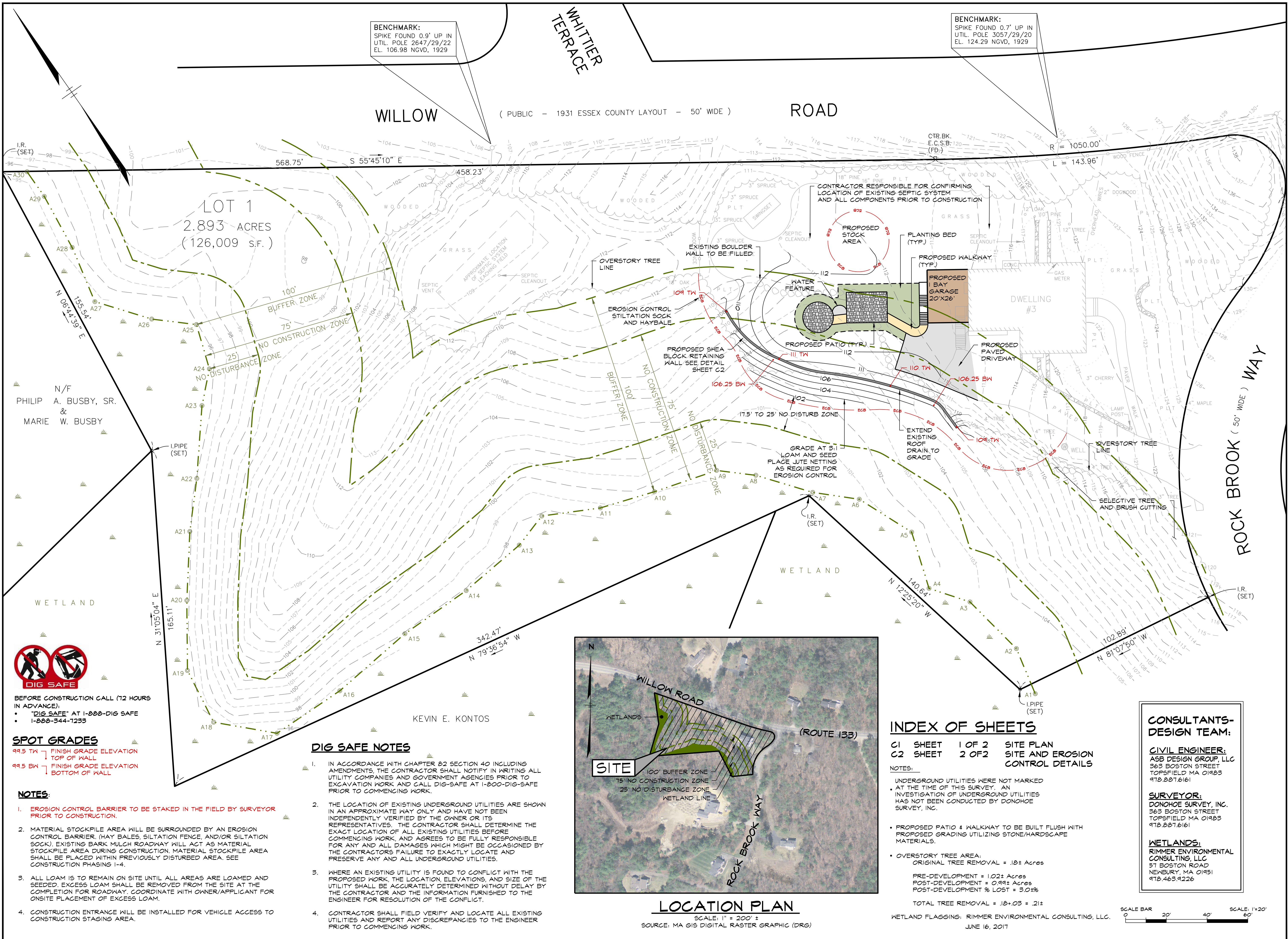


*Thad D. Berry*

drawing name

**SITE PLAN**

drawing number



**LOCATION PLAN**  
SCALE: 1" = 200'  
SOURCE: MA GIS DIGITAL RASTER GRAPHIC (DRG)  
JUNE 16, 2017

**INDEX OF SHEETS**

- C1 SHEET 1 OF 2 SITE PLAN
- C2 SHEET 2 OF 2 SITE AND EROSION CONTROL DETAILS

- NOTES:
- UNDERGROUND UTILITIES WERE NOT MARKED AT THE TIME OF THIS SURVEY. AN INVESTIGATION OF UNDERGROUND UTILITIES HAS NOT BEEN CONDUCTED BY DONOHUE SURVEY, INC.
  - PROPOSED PATIO & WALKWAY TO BE BUILT FLUSH WITH PROPOSED GRADING UTILIZING STONE/HARDSCAPE MATERIALS.
  - OVERSTORY TREE AREA:  
ORIGINAL TREE REMOVAL = .18± Acres  
PRE-DEVELOPMENT = 1.02± Acres  
POST-DEVELOPMENT = 0.99± Acres  
POST-DEVELOPMENT % LOST = 3.04%
  - TOTAL TREE REMOVAL = .18± + .03 = .21±
  - WETLAND FLAGGING: RIMMER ENVIRONMENTAL CONSULTING, LLC.

**CONSULTANTS-DESIGN TEAM:**

**CIVIL ENGINEER:**  
ASB DESIGN GROUP, LLC  
363 BOSTON STREET  
TOPSFIELD MA 01983  
978.887.6161

**SURVEYOR:**  
DONOHUE SURVEY, INC.  
363 BOSTON STREET  
TOPSFIELD MA 01983  
978.887.6161

**WETLANDS:**  
RIMMER ENVIRONMENTAL CONSULTING, LLC  
51 BOSTON ROAD  
NEWBURY, MA 01951  
978.463.9226



BENCHMARK:  
SPIKE FOUND 0.9' UP IN  
UTIL. POLE 2647/29/22  
EL. 106.98 NGVD, 1929

BENCHMARK:  
SPIKE FOUND 0.7' UP IN  
UTIL. POLE 3057/29/20  
EL. 124.29 NGVD, 1929



**BEFORE CONSTRUCTION CALL (12 HOURS IN ADVANCE):**

- "DIG SAFE" AT 1-888-DIG SAFE
- 1-888-344-1233

**SPOT GRADES**

- 99.5 TW - FINISH GRADE ELEVATION
- TOP OF WALL
- 99.5 BW - FINISH GRADE ELEVATION
- BOTTOM OF WALL

**NOTES:**

- EROSION CONTROL BARRIER TO BE STAKED IN THE FIELD BY SURVEYOR PRIOR TO CONSTRUCTION.
- MATERIAL STOCKPILE AREA WILL BE SURROUNDED BY AN EROSION CONTROL BARRIER (HAY BALES, SILTATION FENCE, AND/OR SILTATION SOCK). EXISTING BARK MULCH ROADWAY WILL ACT AS MATERIAL STOCKPILE AREA DURING CONSTRUCTION. MATERIAL STOCKPILE AREA SHALL BE PLACED WITHIN PREVIOUSLY DISTURBED AREA. SEE CONSTRUCTION PHASING 1-4.
- ALL LOAM IS TO REMAIN ON SITE UNTIL ALL AREAS ARE LOAMED AND SEEDED. EXCESS LOAM SHALL BE REMOVED FROM THE SITE AT THE COMPLETION FOR ROADWAY. COORDINATE WITH OWNER/APPLICANT FOR ONSITE PLACEMENT OF EXCESS LOAM.
- CONSTRUCTION ENTRANCE WILL BE INSTALLED FOR VEHICLE ACCESS TO CONSTRUCTION STAGING AREA.

**DIG SAFE NOTES**

- IN ACCORDANCE WITH CHAPTER 82 SECTION 40 INCLUDING AMENDMENTS, THE CONTRACTOR SHALL NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO EXCAVATION WORK AND CALL DIG-SAFE AT 1-800-DIG-SAFE PRIOR TO COMMENCING WORK.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. 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 MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATIONS, 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.
- CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL EXISTING UTILITIES AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING WORK.

N/F  
PHILIP A. BUSBY, SR.  
&  
MARIE W. BUSBY

KEVIN E. KONTOS

WHITTIER  
TERRACE

WILLOW

ROAD

ROCK BROOK (50' WIDE) WAY



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## LOAM & SEEDING NOTES

### LOADING, SEEDING AND FERTILIZING

- IF REQUIRED THE CONTRACTOR SHALL FURNISH ALL TOPSOIL OR ADDITIONAL TOPSOIL NEEDED TO COMPLETE THE JOB. IF THE EXISTING TOPSOIL IS SUFFICIENT TO COMPLETE THE JOB, ANY EXCESS TOPSOIL WILL REMAIN ON SITE. AN AREA WILL BE PROVIDED ON SITE FOR FINAL STORAGE.
- THE TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED ON THE DESIGNATED AREAS AND IT SHALL BE A MINIMUM DEPTH OF SIX INCHES AFTER FIRING. SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS. TOPSOIL SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR PROPOSED SEEDING.
- AFTER LOAM HAS BEEN PLACED, LIME AND FERTILIZER SHALL BE UNIFORMLY MIXED INTO THE TOP FOUR INCHES OF SOIL BY DISCING, HARROWING OR USING OTHER APPROVED METHODS.
- ANY UNDULATIONS OR IRREGULARITIES IN THE SURFACE RESULTING FROM FERTILIZING, LIMING, SURFACE ROUGHENING OR OTHER CAUSES SHALL BE LEVELED PRIOR TO SEEDING. FLOODED, WASHED-OUT OR OTHERWISE DAMAGED AREAS SHALL BE RECONSTRUCTED AND ALL GRADES RE-ESTABLISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE DRAWINGS AND/ OR OTHER APPLICABLE SPECIFICATIONS.
- PRIOR TO SEEDING THE SURFACE SHALL BE CLEARED OF ALL TRASH, DEBRIS AND STONES LARGER THAN ONE AND ONE-HALF INCHES IN DIAMETER, AND OF ALL ROOTS, BRUSH, WIRE, GRADE STAKES AND OTHER OBJECTS THAT WOULD INTERFERE WITH PLANTING OR MAINTENANCE OPERATIONS.
- BROADCAST SEED AND MULCH. PLACE STRAW AND ANCHOR IT TO TOPSOIL. IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDLINGS WITH ADEQUATE WATER FOR PLANT GROWTH. (1/2"-1" EVERY 3-4 DAYS DEPENDING ON SOIL TEXTURE) UNTIL THEY ARE FIRMLY ESTABLISHED.

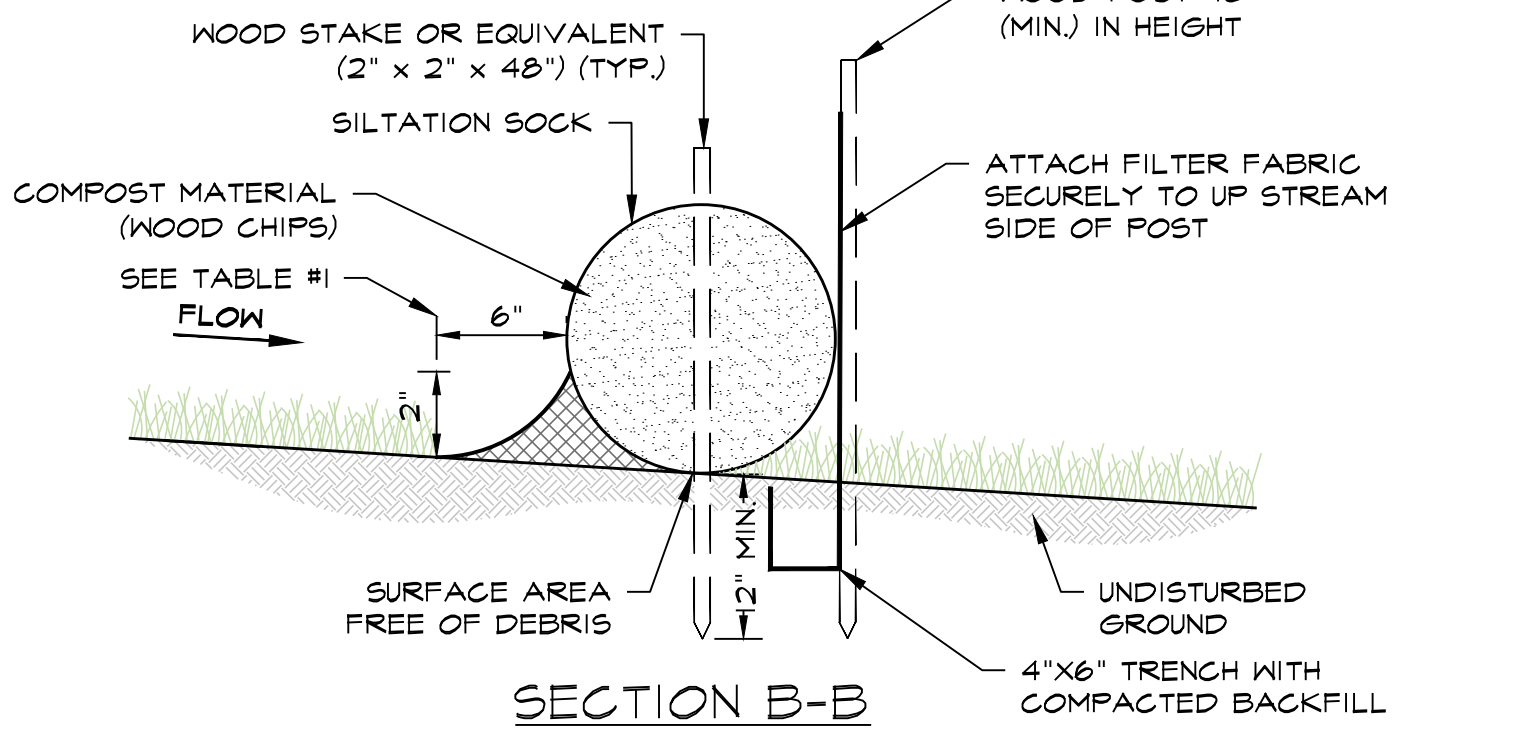
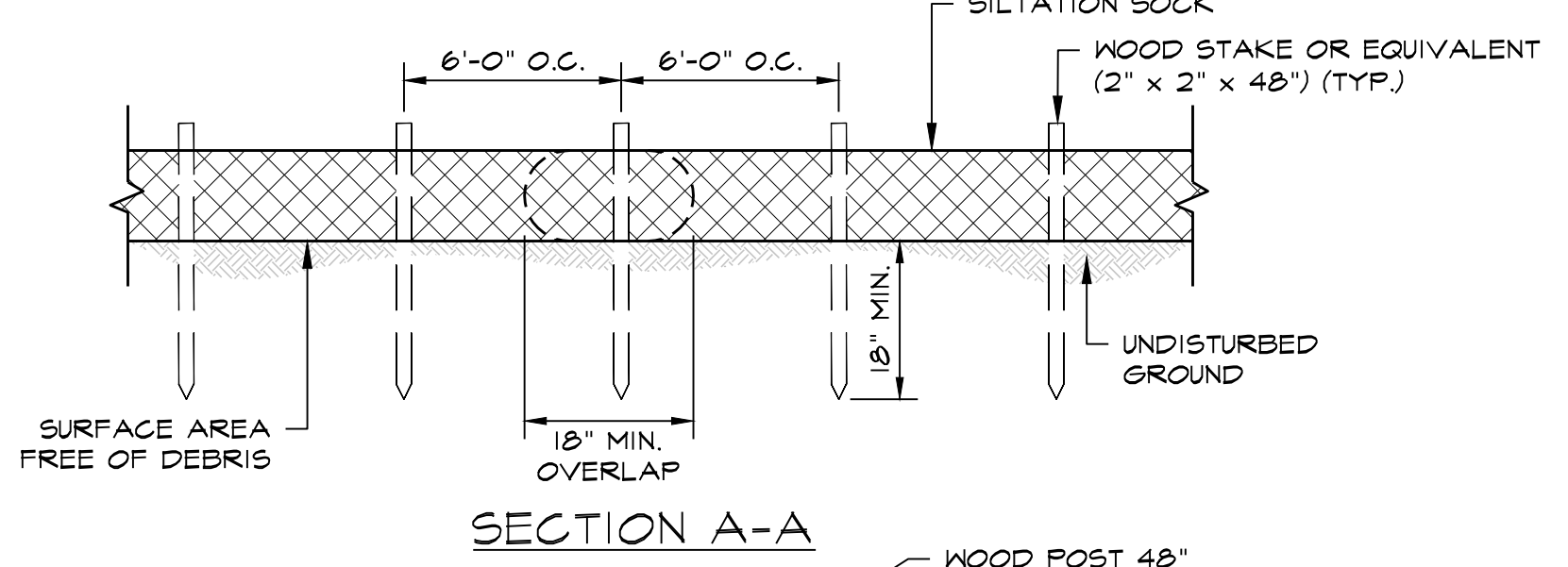
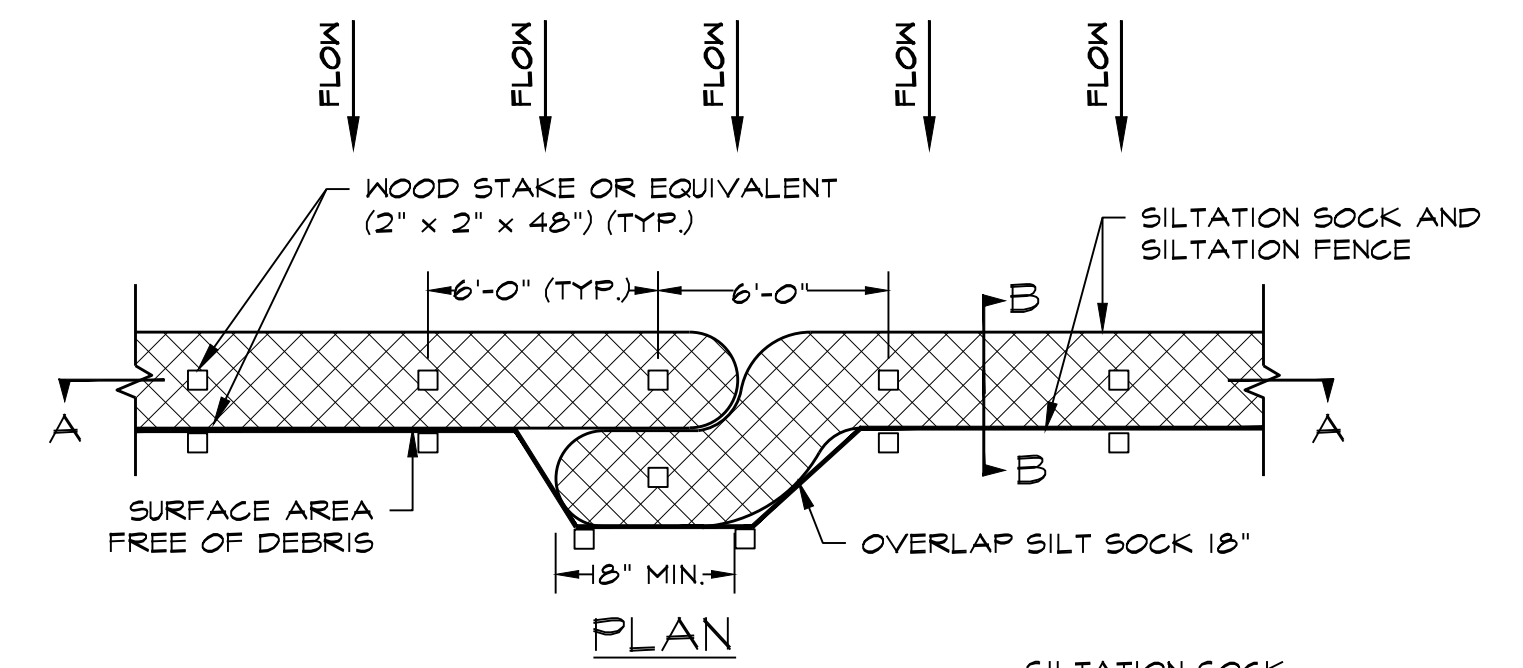
### REPAIRS AND MAINTENANCE

INSPECT ALL SEEDED AREAS FOR FAILURES AND MAKE NECESSARY REPAIRS, REPLACEMENTS AND RESEEDING WITHIN THE PLANTING SEASON.

- ONCE THE VEGETATION IS ESTABLISHED, THE SITE SHALL HAVE 95% GROUND COVER TO BE CONSIDERED ADEQUATELY STABILIZED.
- IF THE STAND PROVIDES LESS THAN 40% GROUND COVER, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER, SEEDBED PREPARATION AND SEEDING RECOMMENDATIONS.
- IF THE STAND PROVIDES BETWEEN 40% AND 94% GROUND COVER, RESEEDING AND FERTILIZING USING HALF OF THE RATES ORIGINALLY APPLIED MAY BE NECESSARY.

### SURFACE PREPARATION

- STRIP AND STOCKPILE ALL EXISTING LOAM FROM PROPOSED WORK AREAS. PROTECT LOAM FROM EROSION. ALL LOAM WILL REMAIN ON SITE UNLESS THE OWNER APPROVES OFF SITE REMOVAL.
- SET FIELD GRADES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. PROVIDE PROPER SURVEY CONTROL AND MAINTAIN THROUGHOUT CONSTRUCTION. PROVIDE ENGINEER WITH COPIES OF ALL SURVEY NOTES AND LOCATIONS OF BOTH VERTICAL AND HORIZONTAL CONTROL.
- BRING BASE MATERIAL TO FINISH GRADE. PROVIDE ENGINEER WITH AS-BUILT DRAWINGS SHOWING FINISH ELEVATIONS AND CONTOURS PRIOR TO PLACEMENT OF LOAM.
- SOIL TESTS SHALL BE MADE TO DETERMINE THE EXACT REQUIREMENTS FOR BOTH LIME AND FERTILIZER. SOIL TESTS SHALL BE CONDUCTED BY A STATE LABORATORY OR RECOGNIZED COMMERCIAL LABORATORY. PROVIDE ENGINEER WITH COPY OF TEST RESULTS AND RECOMMENDATIONS FOR LIMING AND FERTILIZING.
- AFTER THE AREAS TO BE TOPSOILED HAVE BEEN APPROVED BY THE OWNER OR ENGINEER, AND IMMEDIATELY PRIOR TO DUMPING AND SPREADING THE TOPSOIL, THE SUBGRADE SHALL BE LOOSENED BY ROUGHENING TO THE DEPTH OF AT LEAST TWO INCHES TO PERMIT BONDING OF THE TOPSOIL TO THE SUBSOIL AND TO INCORPORATE THE LIME.
- ACCEPTANCE SHALL BE GIVEN BY THE OWNER OR ENGINEER UPON SATISFACTORY COMPLETION OF EACH SECTION OR AREA AS INDICATED ON THE DRAWINGS OR AS OTHERWISE SPECIFIED BEFORE PLACEMENT OF TOPSOIL.

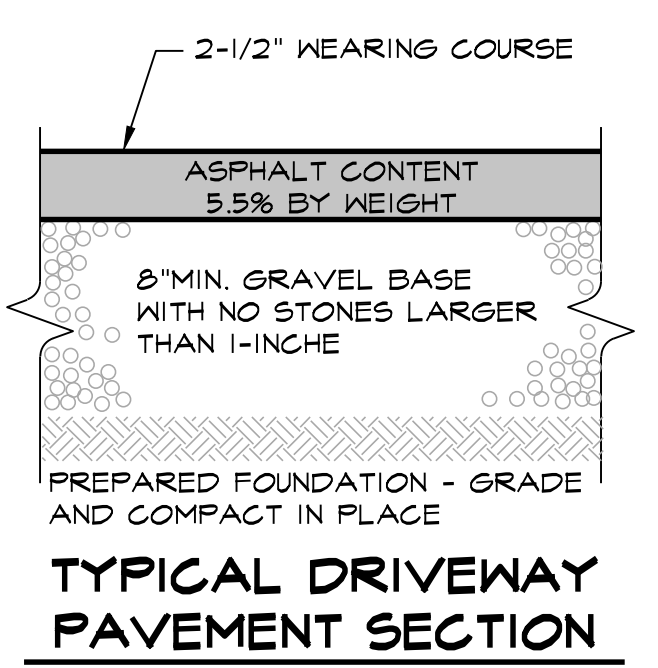


**SILTATION SOCK AND SILTATION FENCE DETAIL**  
NOT TO SCALE

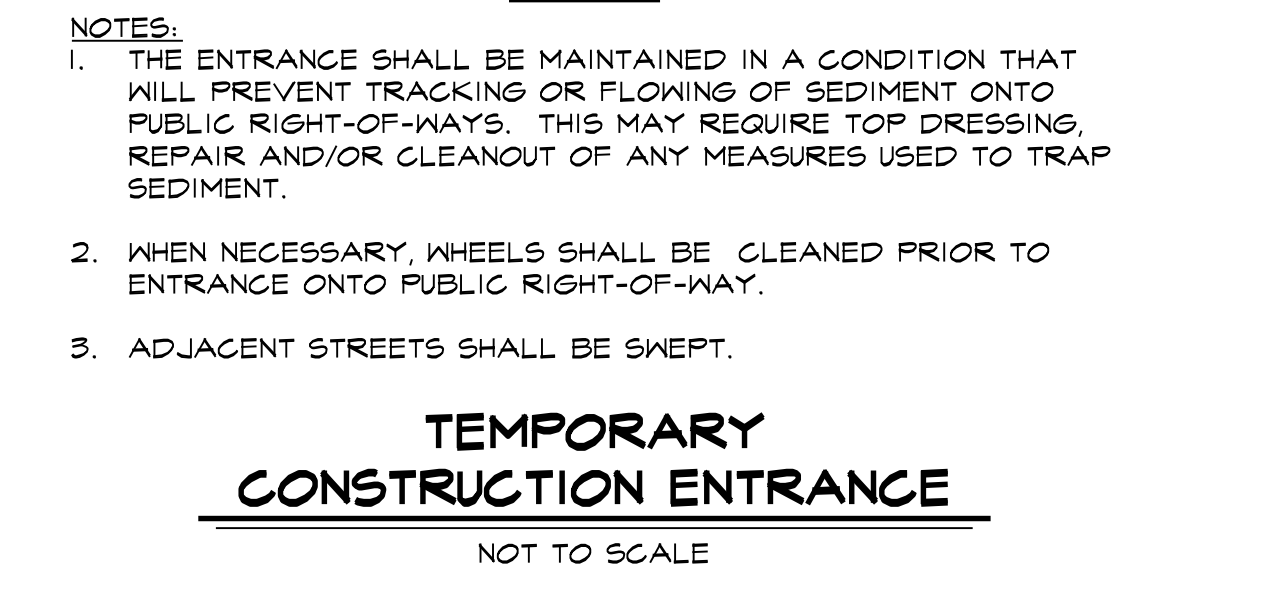
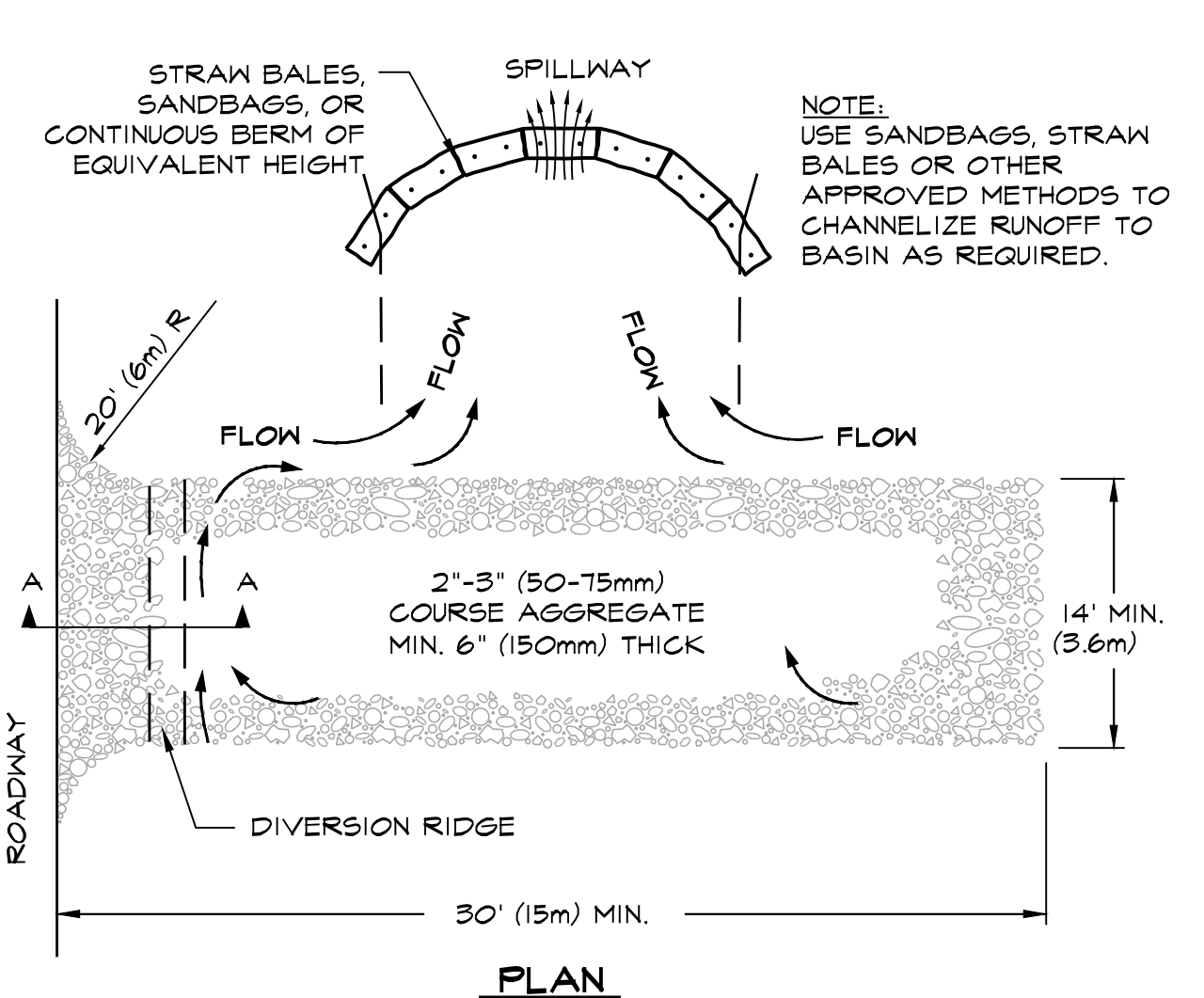
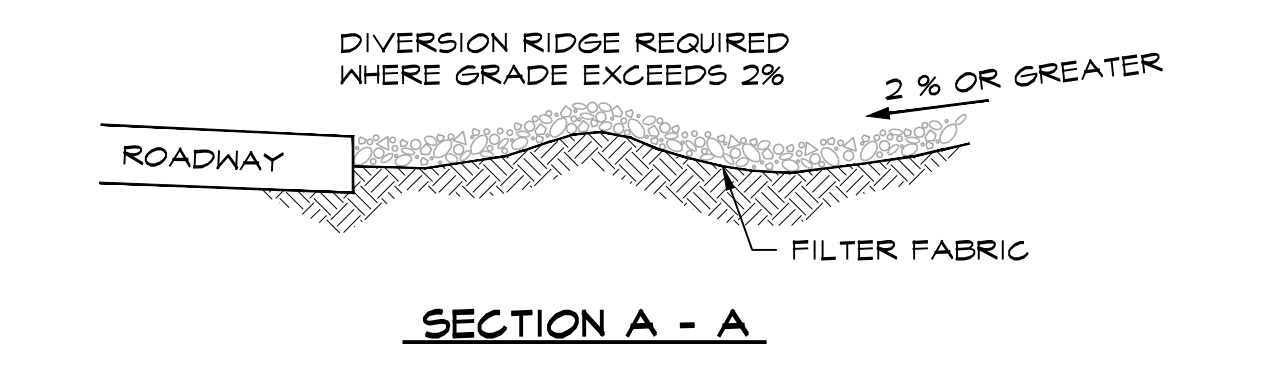
SLOPE	SOCK DIAMETER (MIN.)	STAKING SOCK AND FENCE	2" COMPOST BARRIER (WOOD CHIPS)
< 50:1	9"	6' O.C.	---
50:1 TO 10:1	9"	6' O.C.	---
10:1 TO 5:1	12"	6' O.C.	---
3:1 TO 2:1	12"	4' O.C.	---
> 2:1	18"	4' O.C.	RECOMMENDED

### INSTALLATION NOTES:

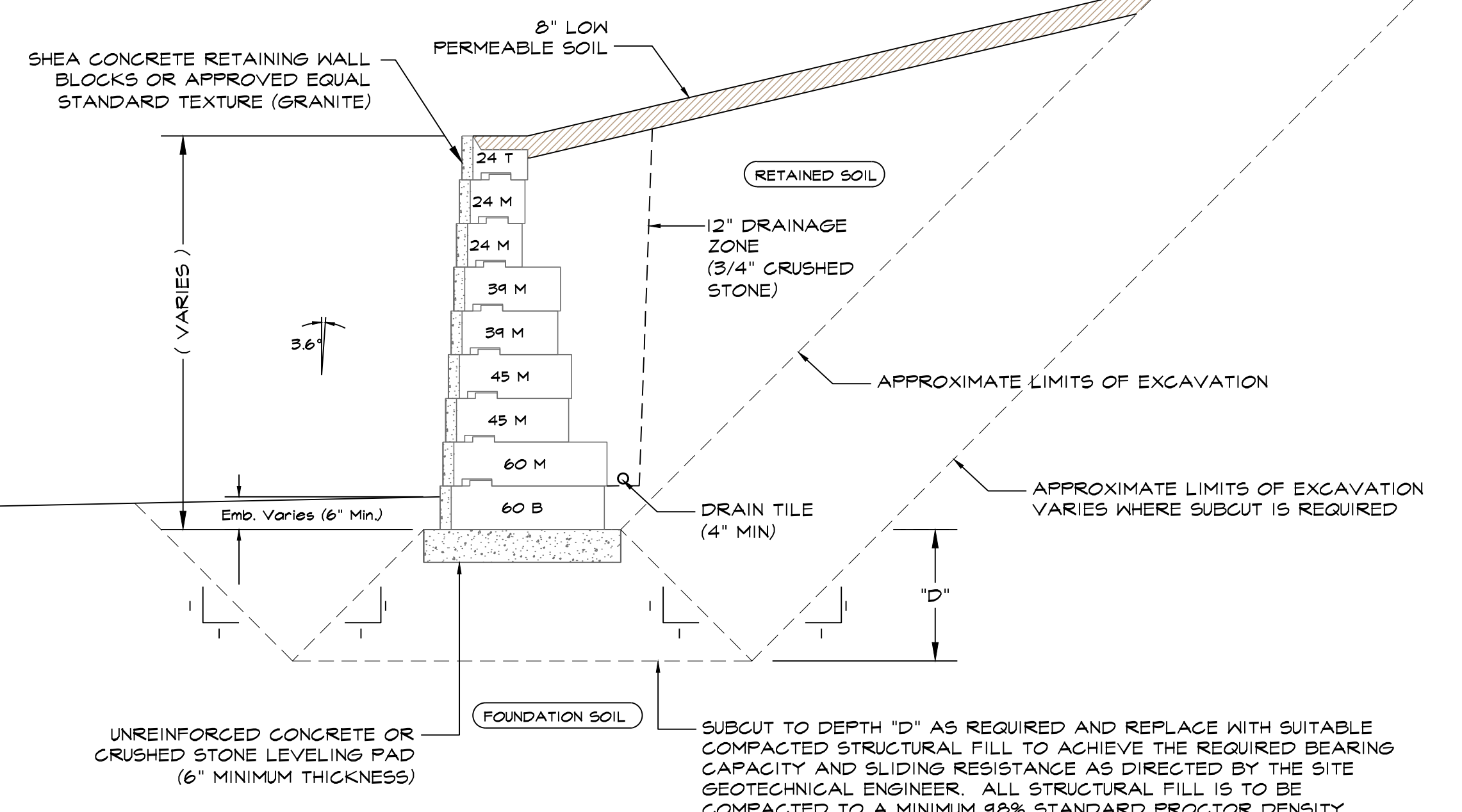
- INSTALL SILT SOCK ON A SURFACE CLEAR OF DEBRIS.
- OVERLAP ENDS BY A MINIMUM OF 18-INCHES.
- END OF SILT SOCK TO BE DIRECTED UP SLOPE.
- PLACE STAKES THROUGH SILT SOCK OR ON DOWNSTREAM SIDE.
- ON SLOPES GREATER THAN 2:1 (>2:1) SEED COMPOST SOCK IS RECOMMENDED.



**TYPICAL DRIVEWAY PAVEMENT SECTION**  
NOT TO SCALE



**LOAM & SEED DETAIL**  
NOT TO SCALE



**TYPICAL BLOCK RETAINING WALL CROSS-SECTION (SHEA CONCRETE)**  
NOT TO SCALE