

Project:  
TAYLOR STREET WELL

LITTLETON WATER DEPARTMENT

39 AYER ROAD  
LITTLETON, MA 01460  
978-540-2222

Weston & Sampson Engineers, Inc.  
55 Walkers Brook Drive, Suite 100  
Reading, MA 01867  
978.532.1900 800.SAMPSON  
www.westonandsampson.com

Consultants:

| No. | Date     | Description     |
|-----|----------|-----------------|
| 1   | 12/14/23 | PER PEER REVIEW |
| 2   | 01/23/24 | CON COM REVIEW  |
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COA:

Seal:

Issued For:  
PERMITTING - NOT FOR CONSTRUCTION

Scale:  
AS NOTED

Date:  
OCTOBER 2023

Drawn By:  
GJK/RWS

Reviewed By:  
SBR

Approved By:  
TEM

W&S Project No.:  
ENC23-0679

W&S File No.:

Drawing Title:  
ACCESS ROAD GRADING & DRAINAGE PLAN

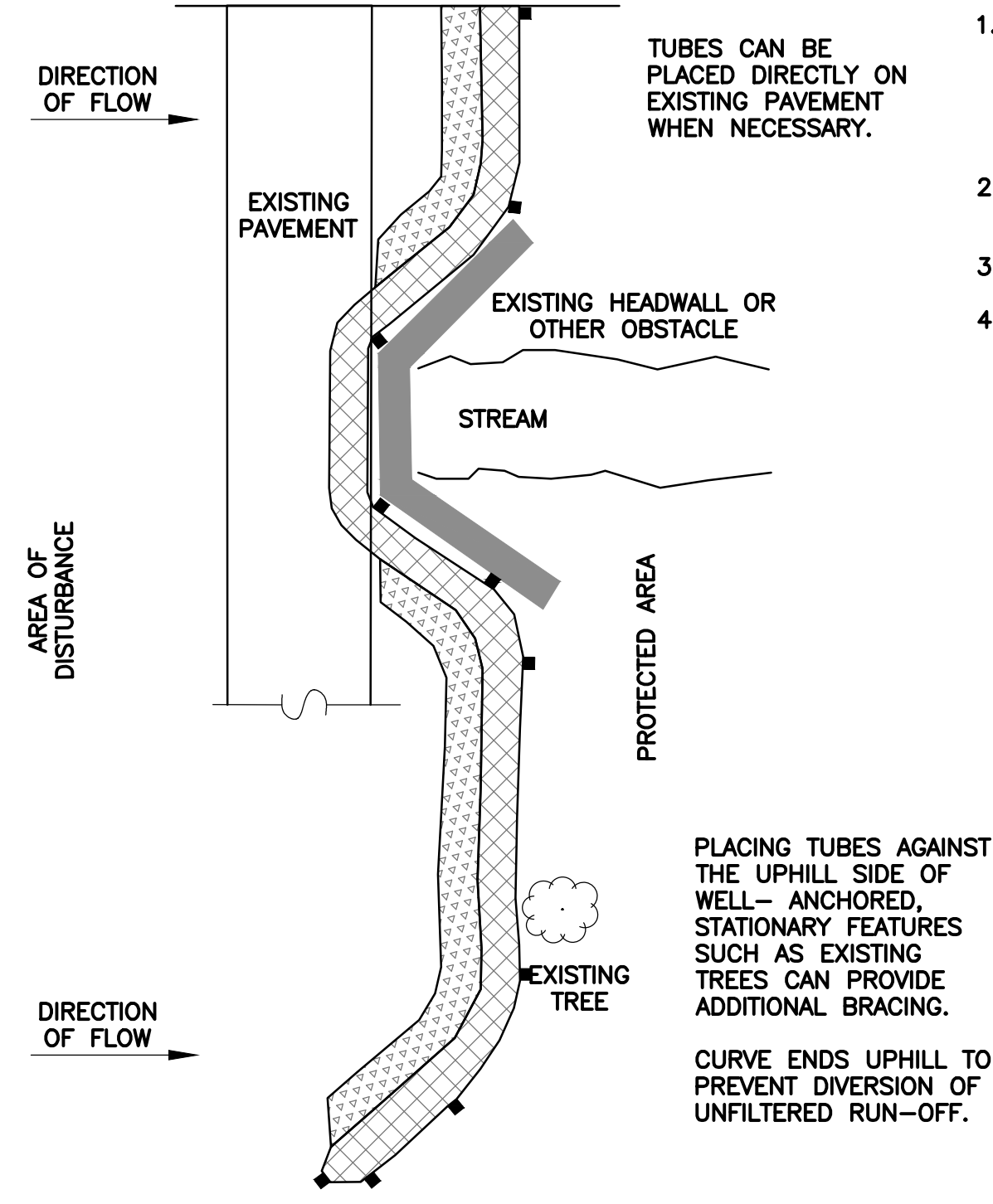
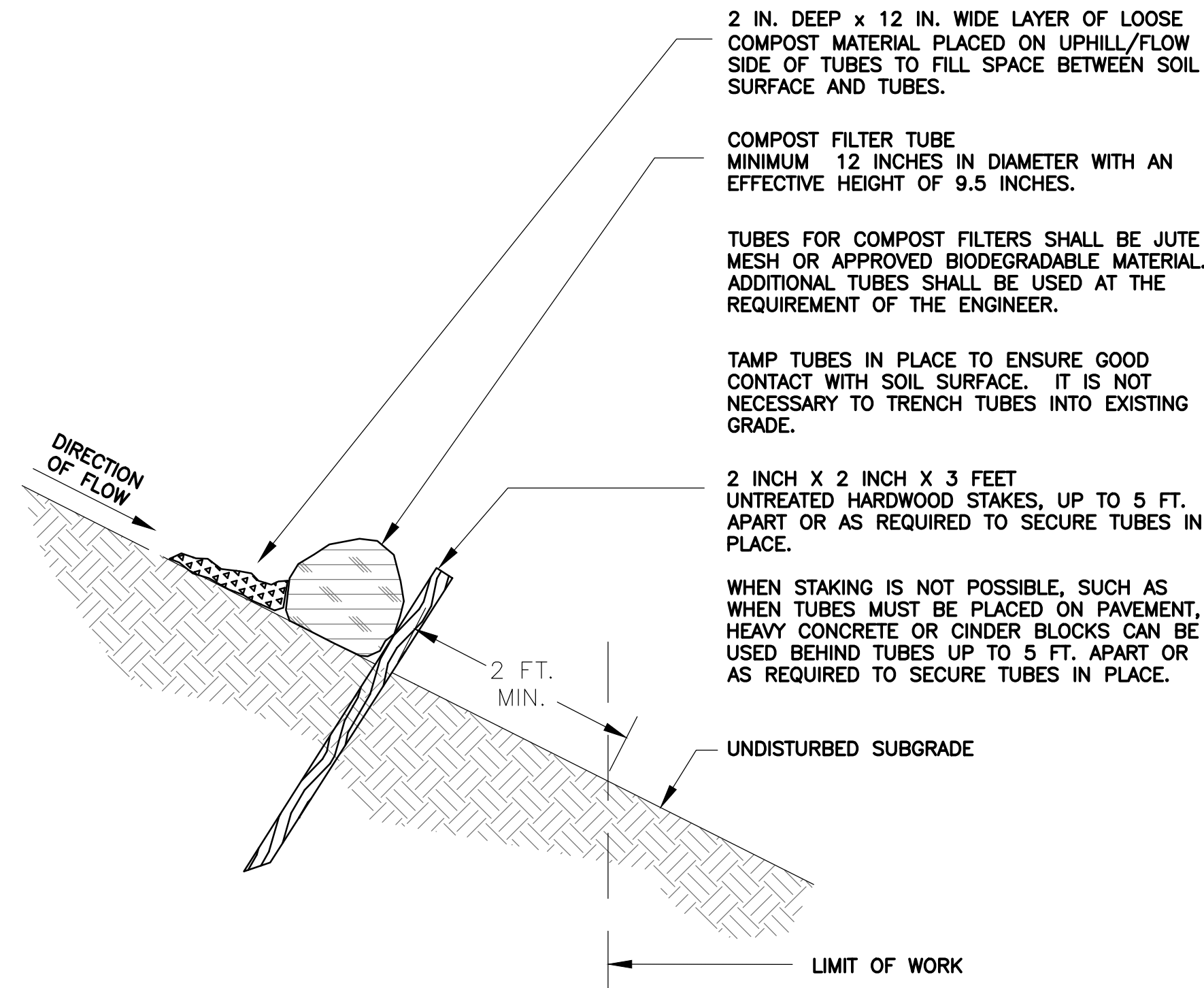
Sheet Number:  
C102

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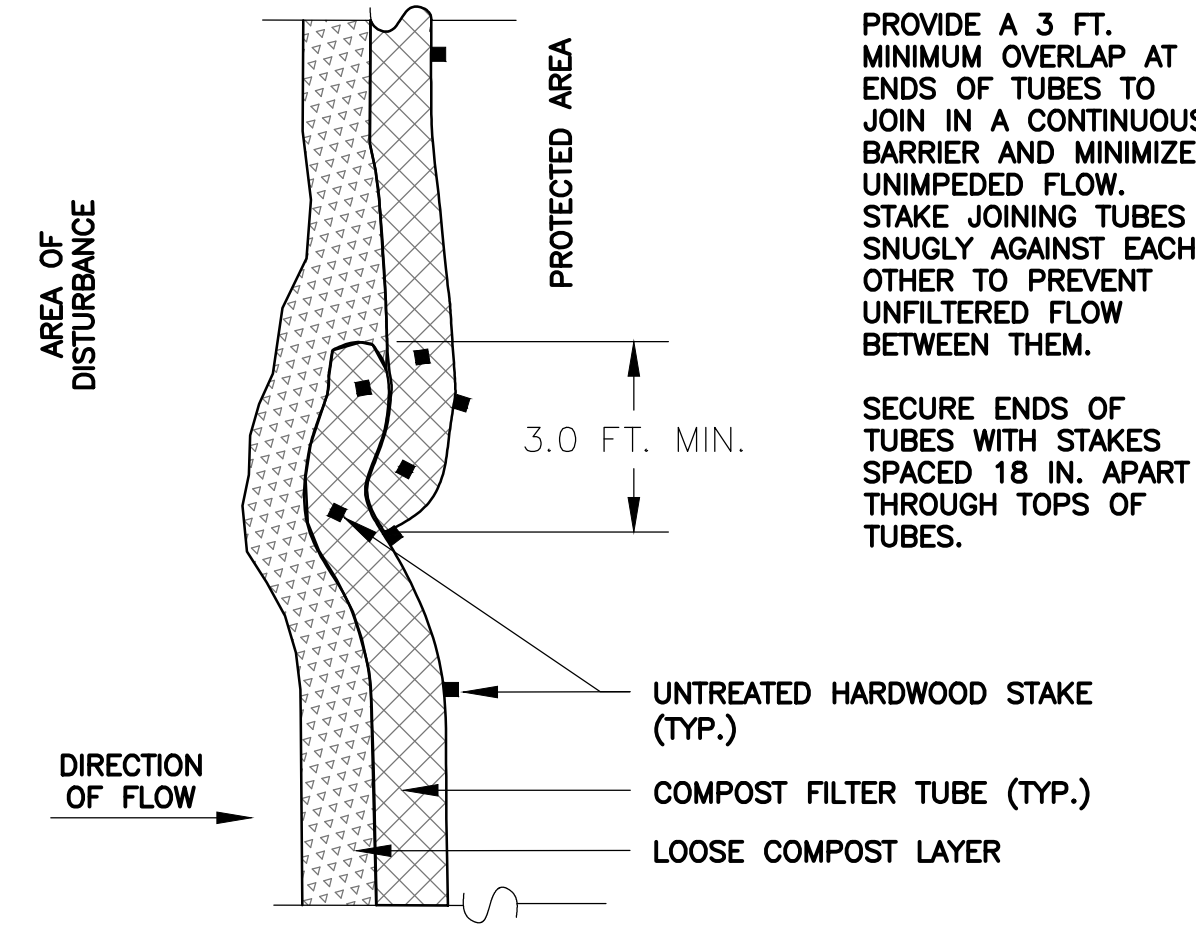




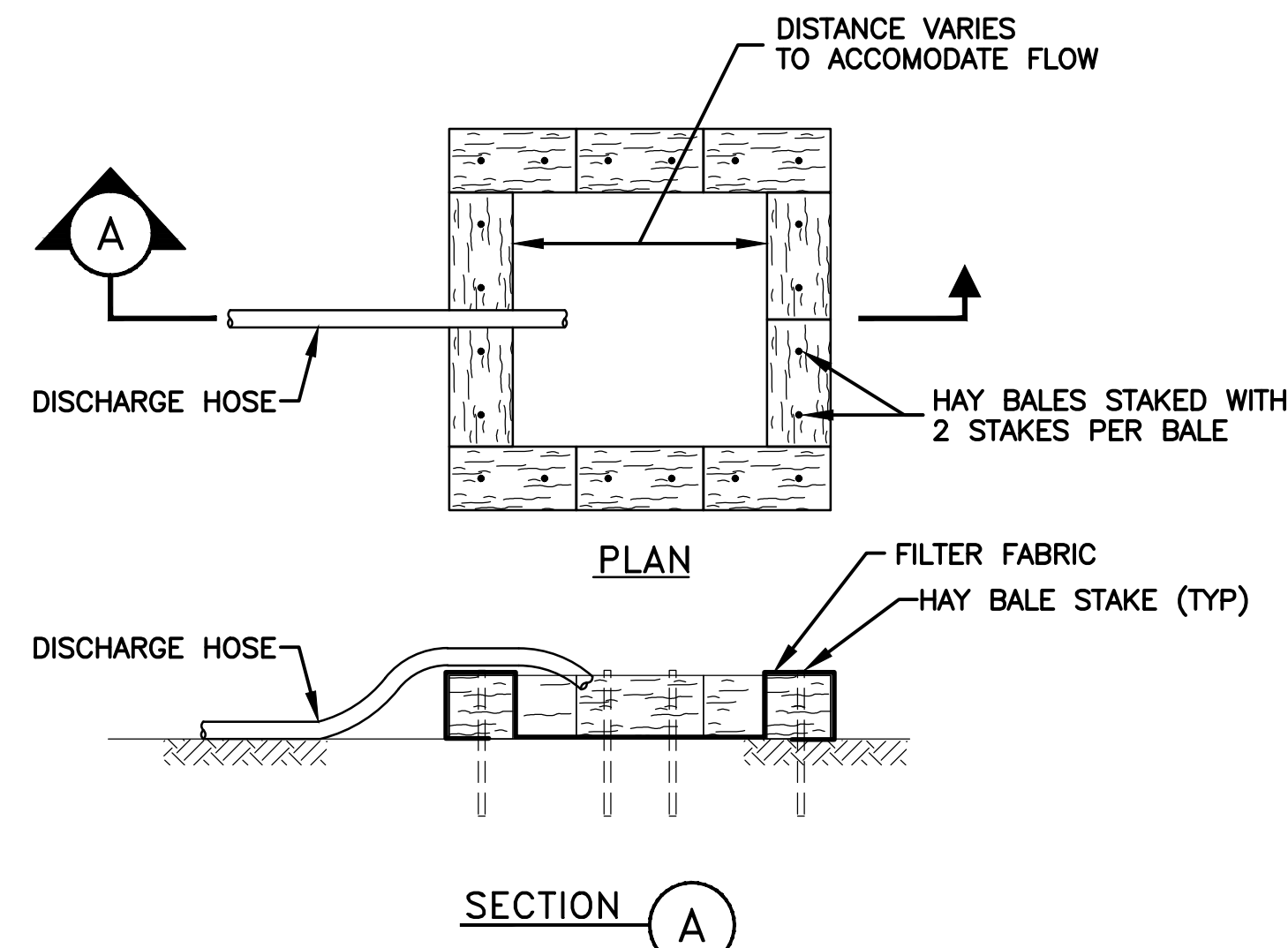
PLAN VIEW  
SINGLE COMPOST FILTER TUBE DETAIL  
NOT TO SCALE

GENERAL NOTES:

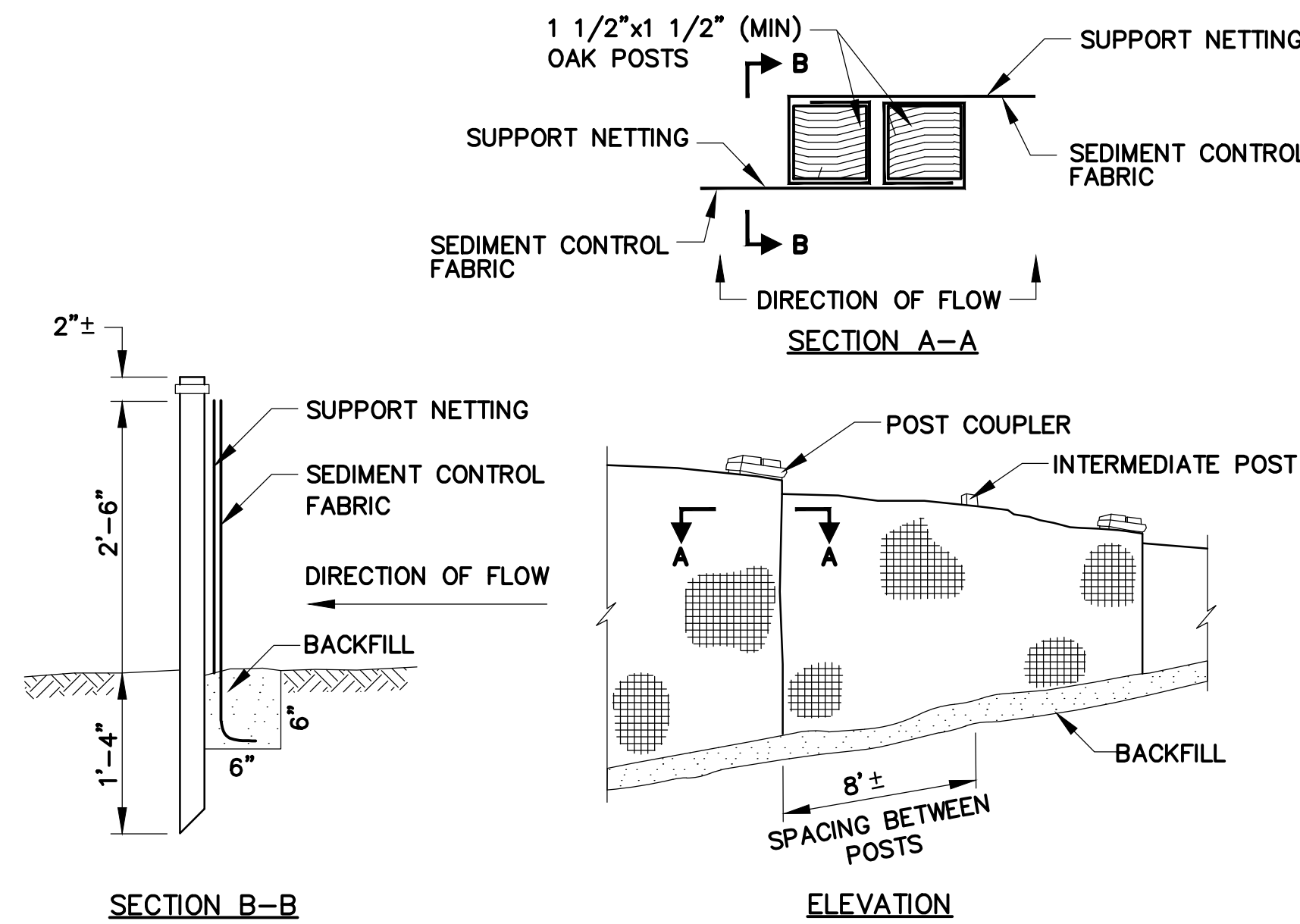
1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES FOR SLOPES UP TO 50 FEET IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSEING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
4. CONFIGURE TUBES AROUND EXISTING SITE FEATURES TO MINIMIZE SITE DISTURBANCE AND MAXIMIZE CAPTURE AREA OF STORMWATER RUN-OFF.



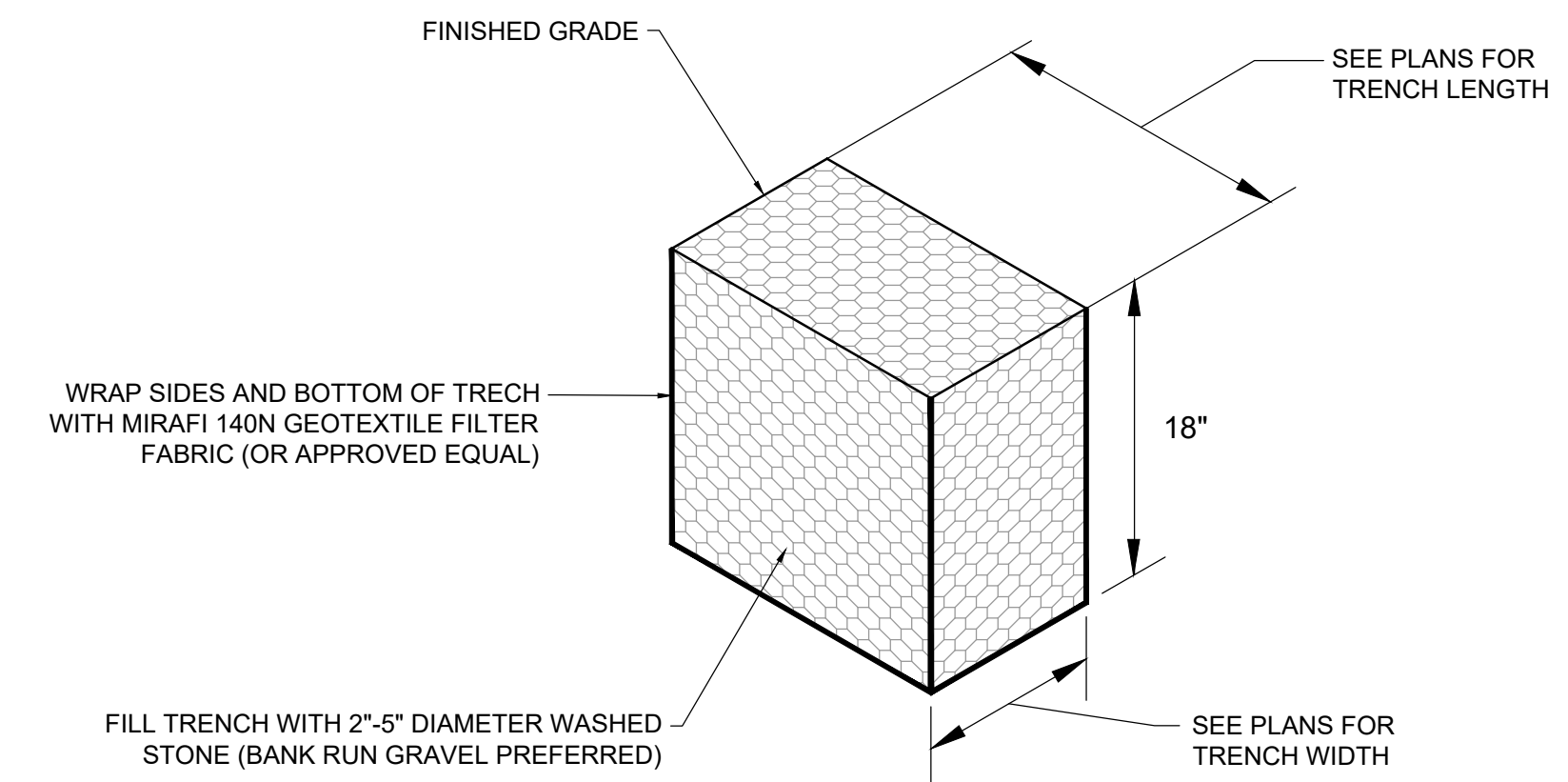
PLAN VIEW - JOIN DETAIL



DEWATERING DISCHARGE DISPOSAL DETAIL  
N.T.S.



SILT FENCE DETAIL  
N.T.S.



STORMWATER INFILTRATION TRENCH  
N.T.S.

Consultants:

Revisions:

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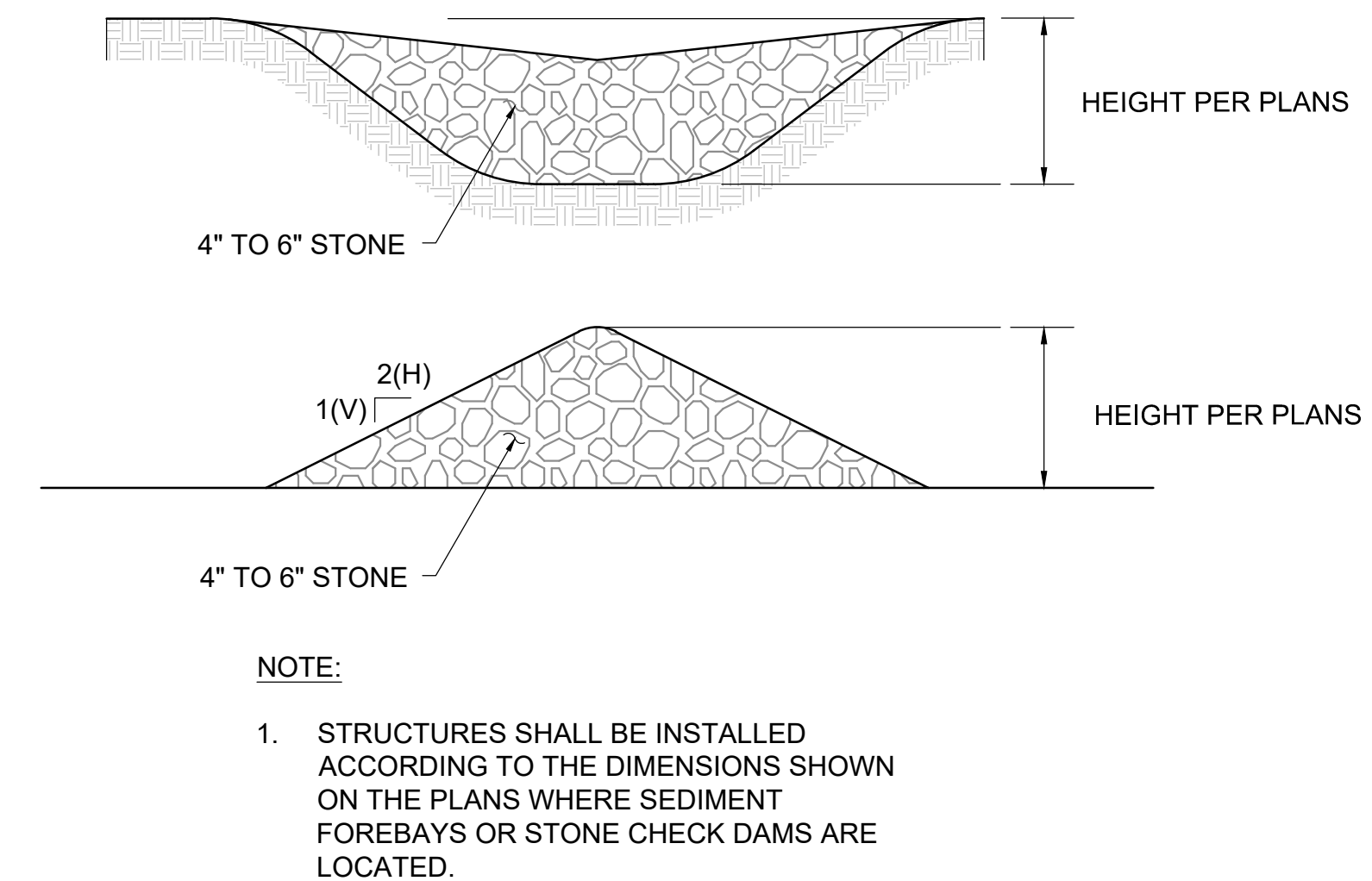
Drawing Title:

CONSTRUCTION DETAILS

Sheet Number:

C501






| Revisions: |          |                 |
|------------|----------|-----------------|
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COA:

Seal:



A circular professional engineer seal for the Commonwealth of Massachusetts. The outer ring contains the text "COMMONWEALTH OF MASSACHUSETTS" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom. The center of the seal contains the name "JAMES I. PEARSON", the word "CIVIL", and the number "No. 50675". A blue ink signature is written across the bottom of the seal, and the date "1/23/2024" is stamped in the bottom right corner.

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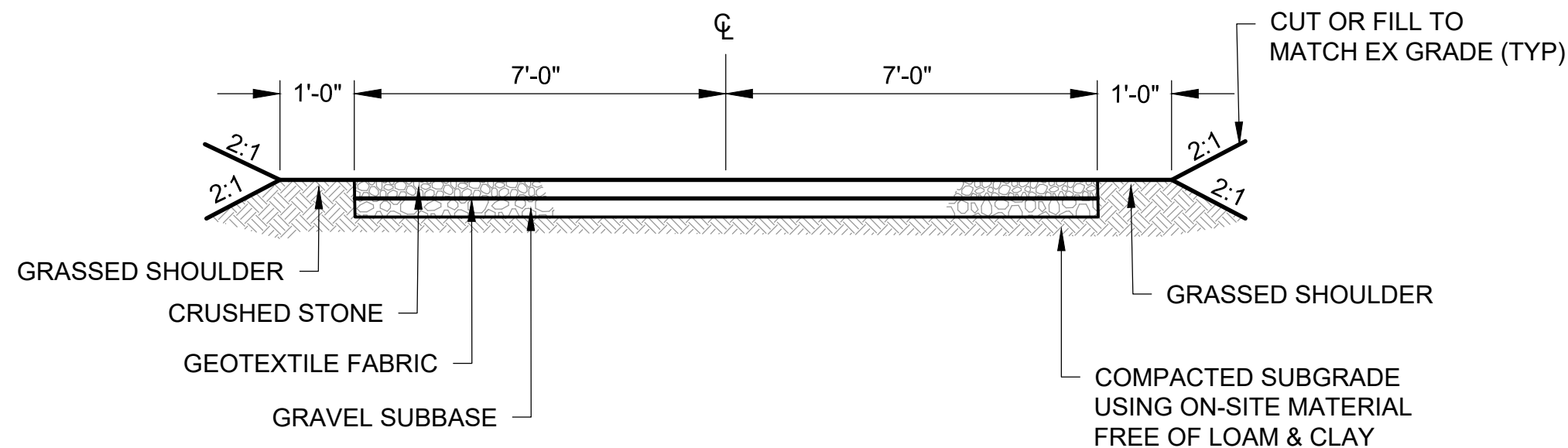
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CONSTRUCTION  
DETAILS

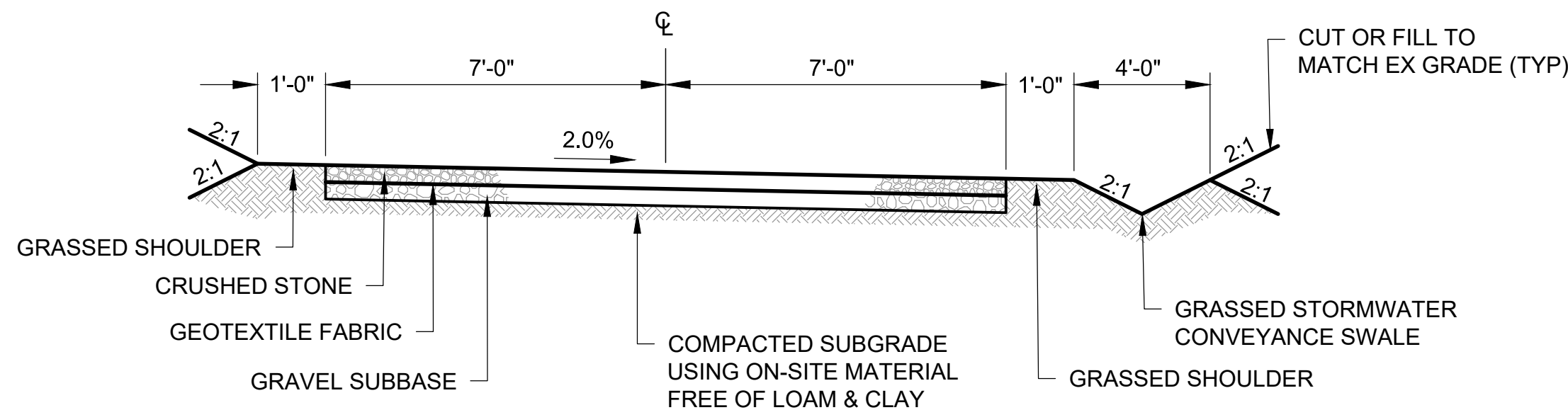
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**C502**

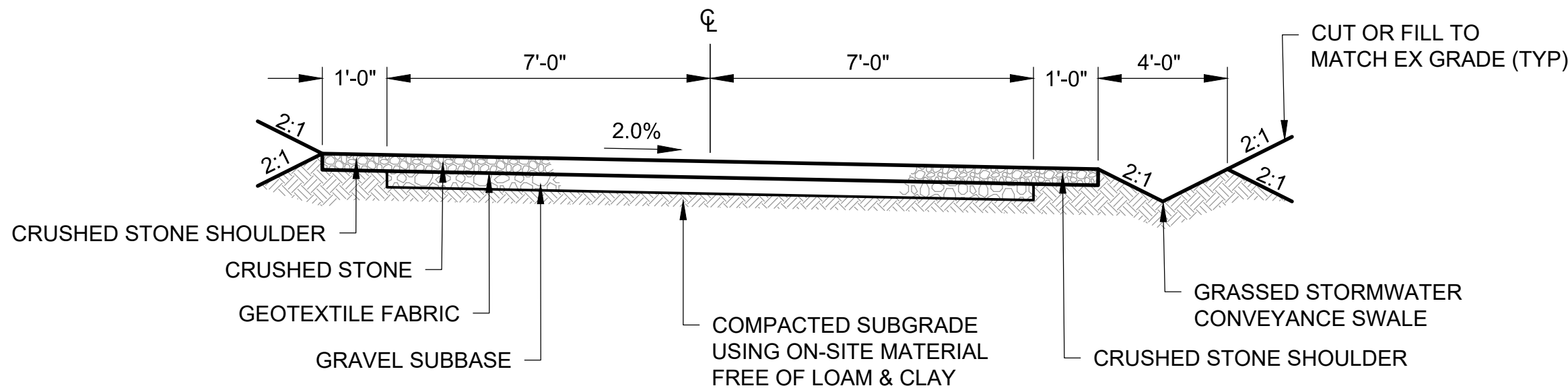




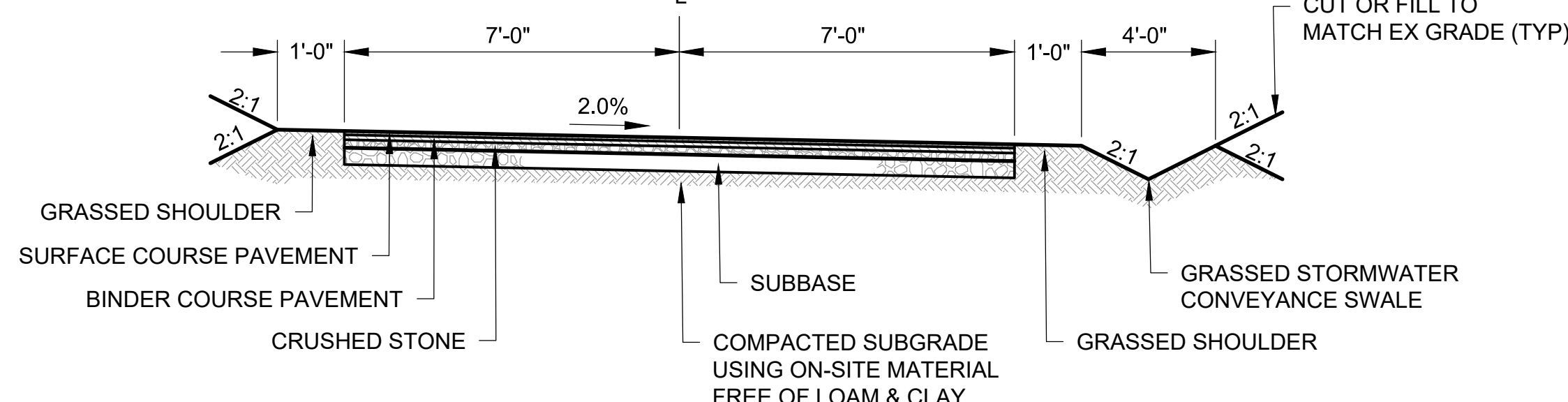
GRAVEL ROAD - TYPICAL SECTION 'A'  
STA 0+00.00 - 0+05.00



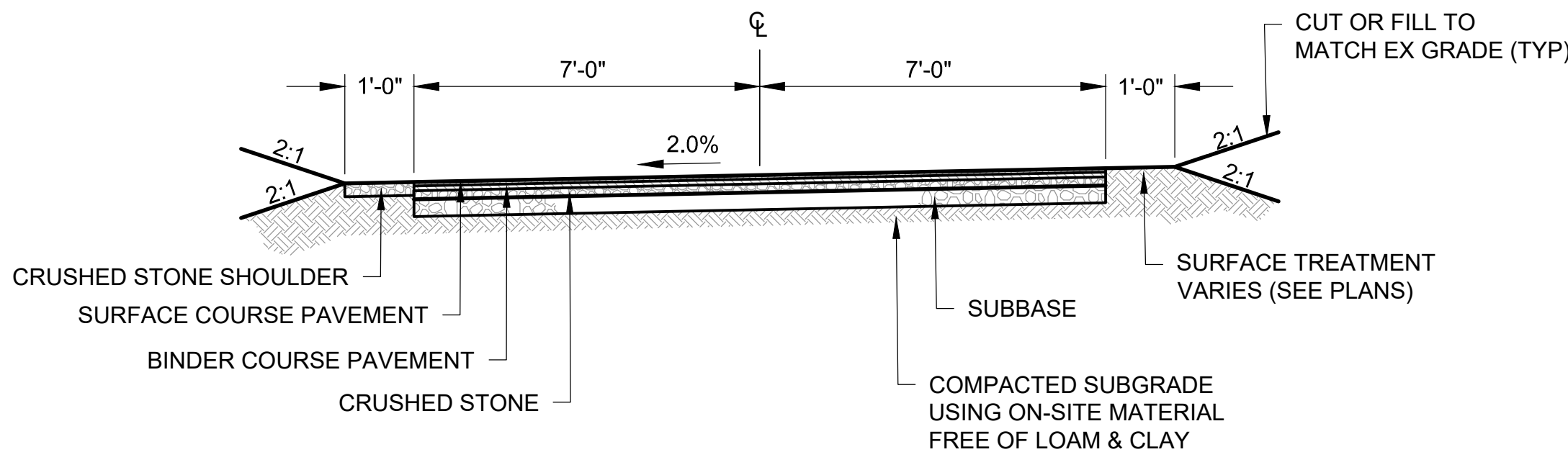
GRAVEL ROAD - TYPICAL SECTION 'B'  
STA 0+05.00 - 6+90.36  
STA 7+73.14 - 8+07.71



GRAVEL ROAD - TYPICAL SECTION 'C'  
STA 6+90.36 - 7+73.14



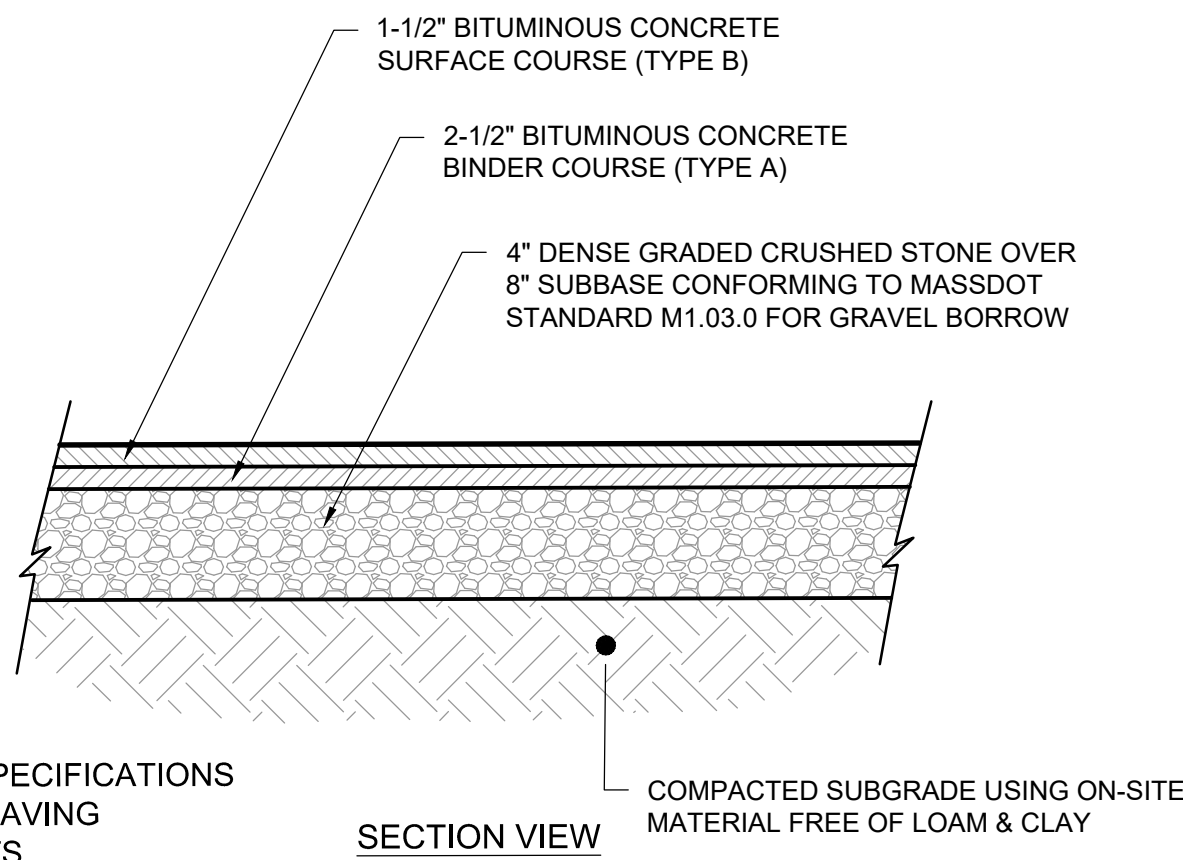
PAVED ROAD - TYPICAL SECTION 'D'  
STA 8+07.71 - 9+97.25



PAVED ROAD - TYPICAL SECTION 'E'  
STA 9+97.25 - 11+96.61

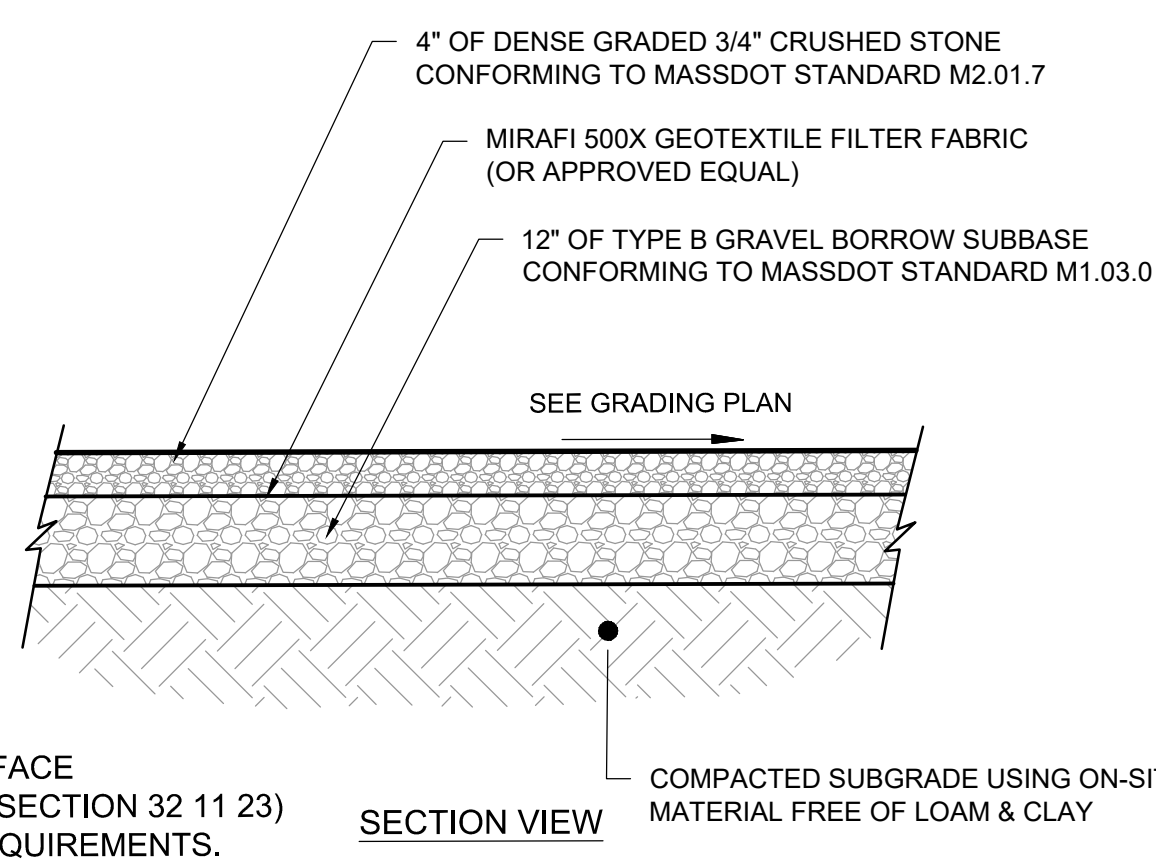
NOTE:  
1. SEE BITUMINOUS CONCRETE AND GRAVEL ACCESS ROADWAY CROSS-SECTIONS FOR INFORMATION ON MATERIAL DEPTHS AND ADDITIONAL REQUIREMENTS.

### ACCESS ROADWAY CROSS-SECTIONS N.T.S.



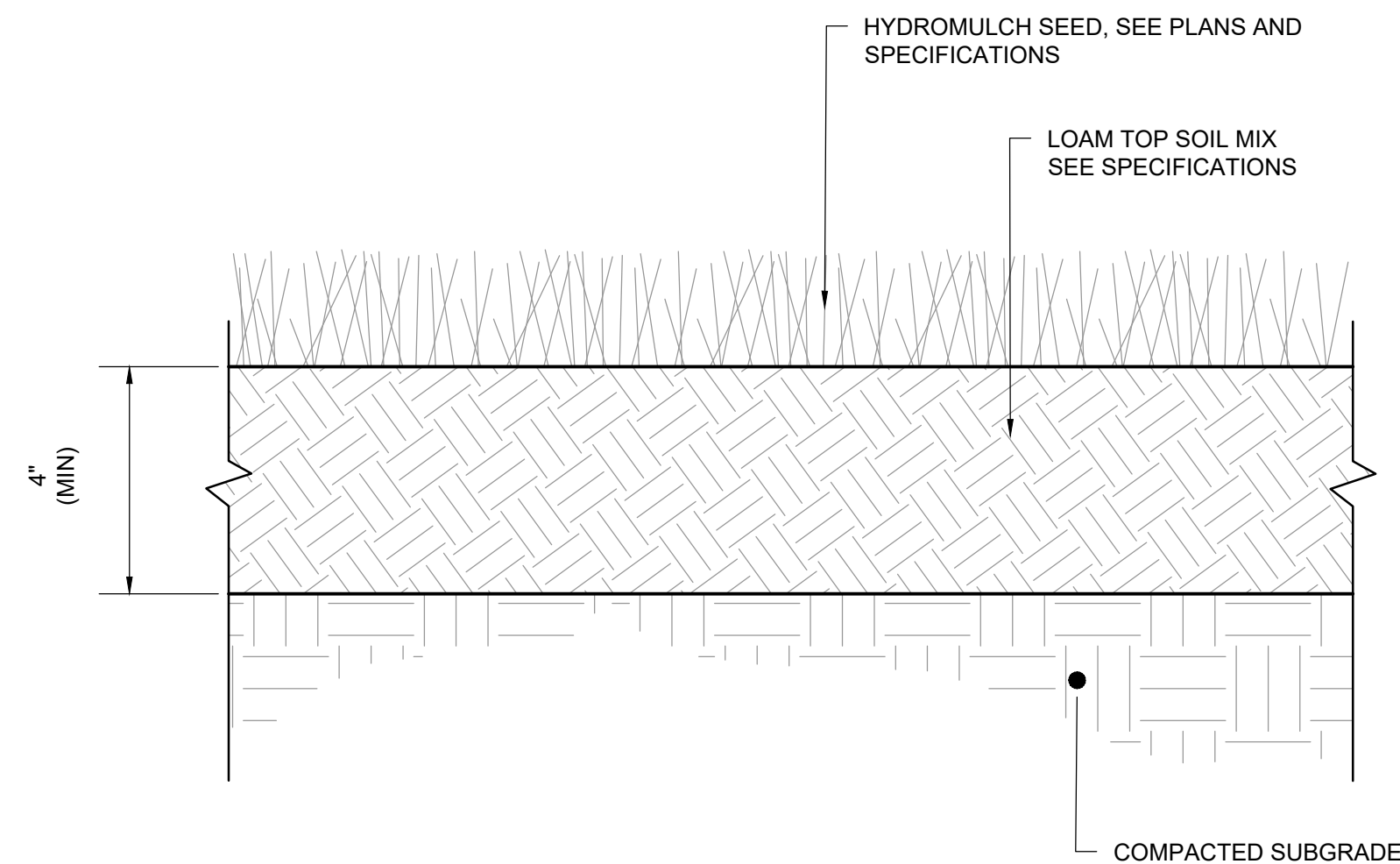
NOTE:  
1. SEE HOT MIX ASPHALT SPECIFICATIONS (SECTION 32 12 00) FOR PAVING MATERIAL REQUIREMENTS.

### BITUMINOUS CONCRETE ACCESS ROADWAY CROSS-SECTION N.T.S.



NOTE:  
1. SEE GRAVEL SURFACE SPECIFICATIONS (SECTION 32 11 23) FOR MATERIAL REQUIREMENTS.

### GRAVEL ACCESS ROADWAY CROSS-SECTION N.T.S.



### LOAM & SEED DETAIL N.T.S.

Project:  
TAYLOR STREET WELL

**LITTLETON**  
**LELWD**  
ELECTRIC, LIGHT & WATER DEPARTMENTS

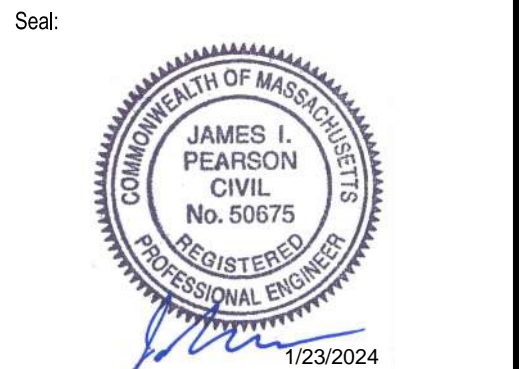
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C503