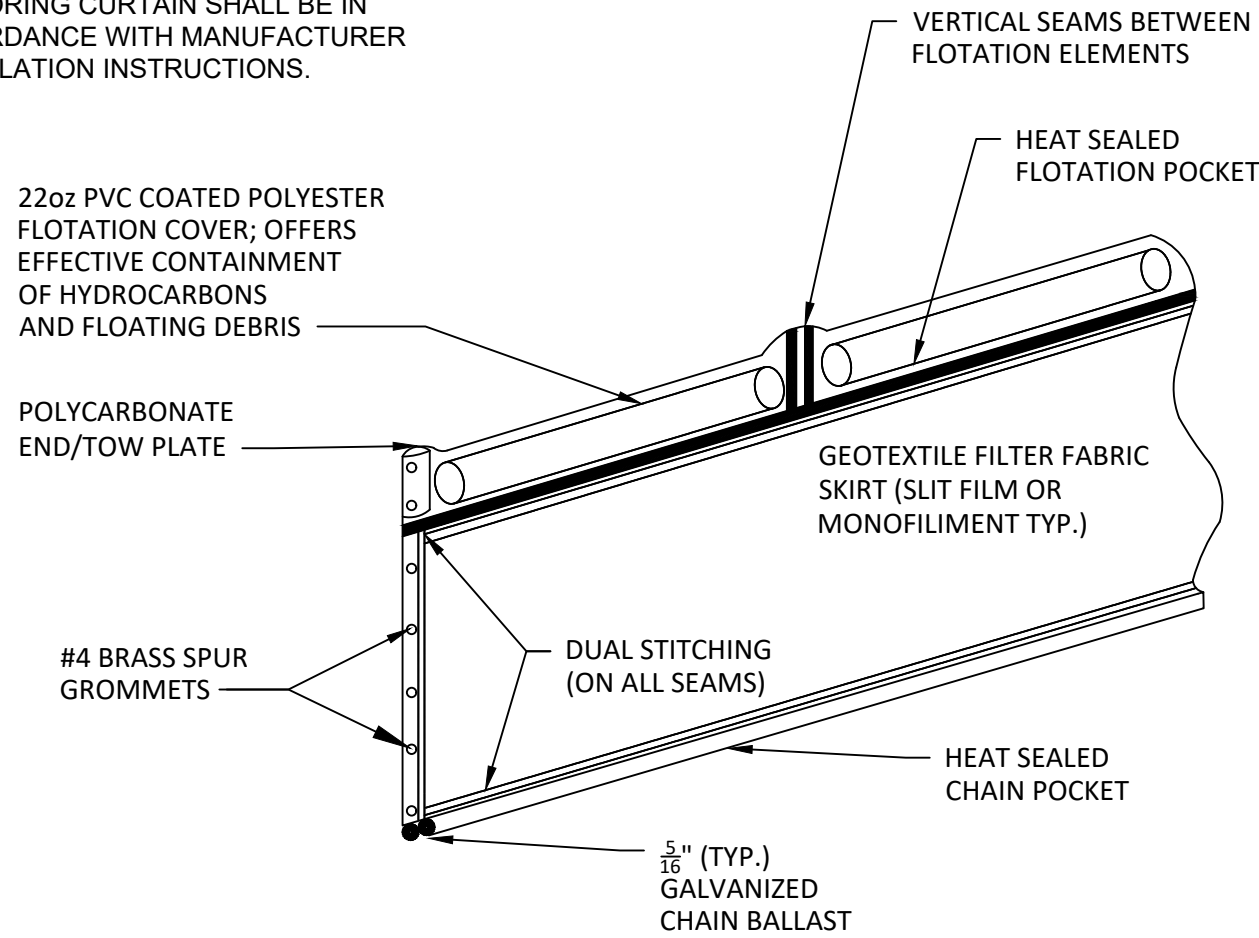


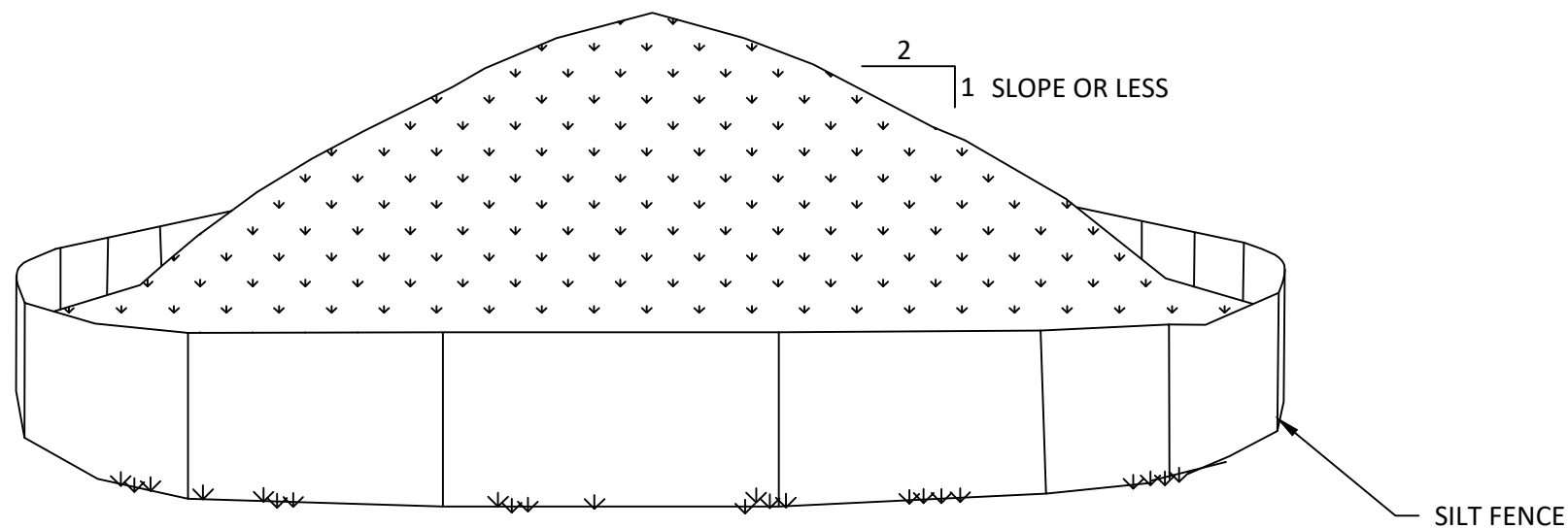
NOTES:

1. FLOATATION SIZE (6, 8 OR 12" DIA.) DETERMINED BY SKIRT DEPTH/SITE VARIABLES.
2. OTHER END TYPES AVAILABLE SUCH AS ALUMINUM UNIVERSAL SLIDE OR SLOTTED TUBE.
3. OPTIONAL TOP TENSION CABLE ( $\frac{5}{16}$ " TYP.) AVAILABLE FOR INCREASED STRENGTH.
4. ANCHORING CURTAIN SHALL BE IN ACCORDANCE WITH MANUFACTURER INSTALLATION INSTRUCTIONS.



A  
C-104

**SILT CURTAIN DETAIL**  
NOT TO SCALE

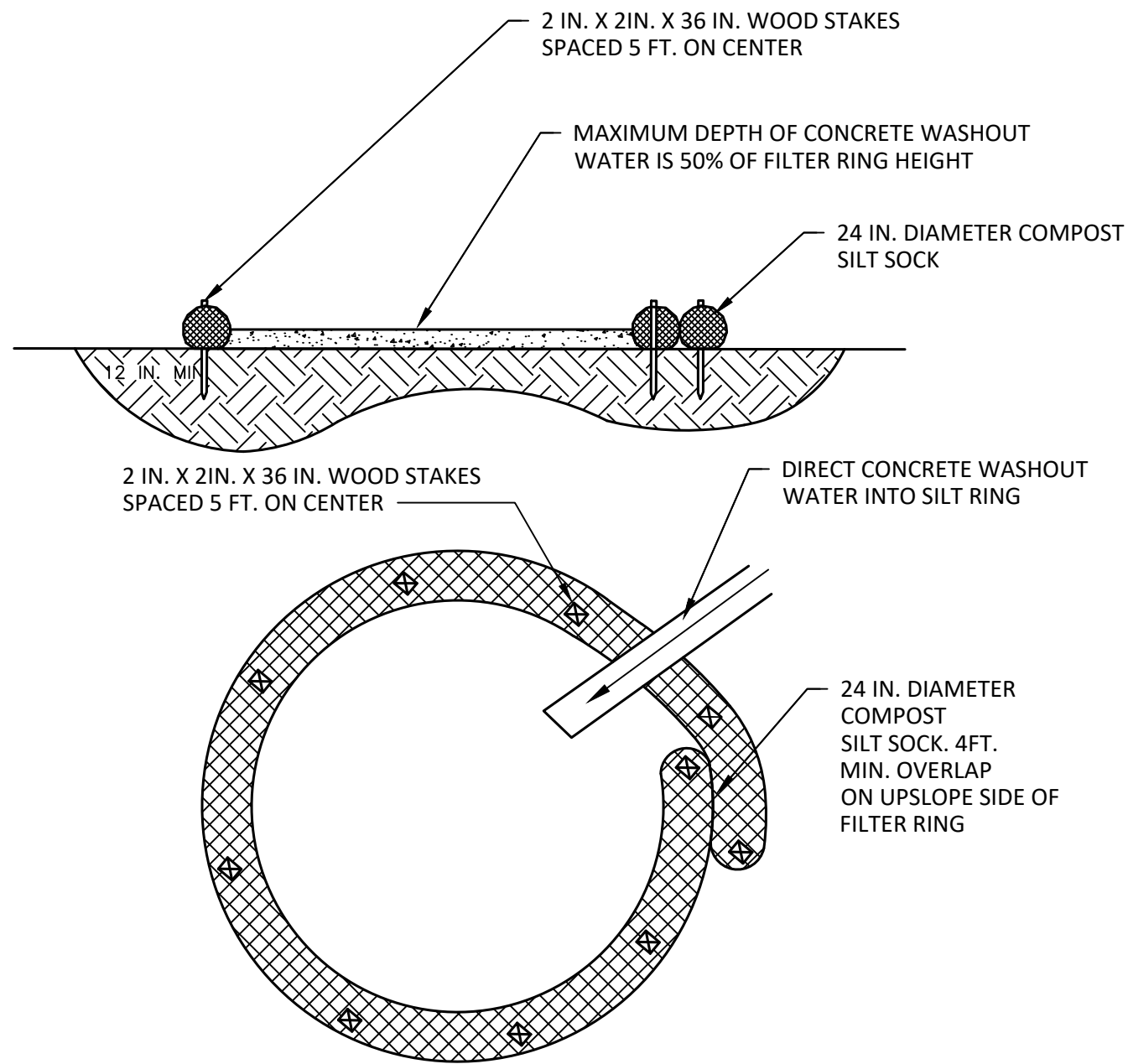


NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1V:2H.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE DETAIL C ON DRAWING C-503 AND SPECIFICATIONS FOR INSTALLATION OF SILT FENCE.

C  
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**TEMPORARY SOIL STOCKPILE DETAIL**  
NOT TO SCALE

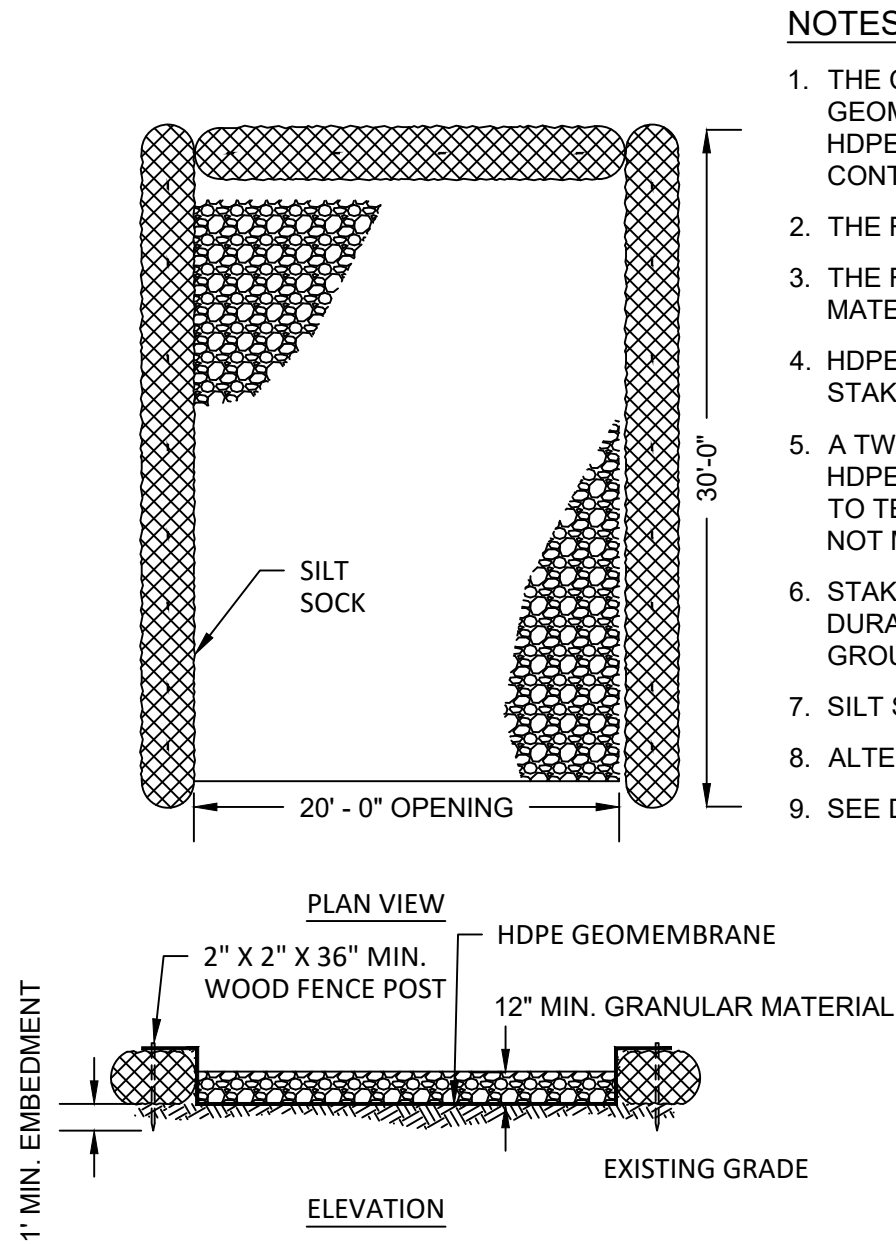


NOTES:

1. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.
2. 18 IN. DIAMETER SILT SOCK MAY BE STACKED ONTO DOUBLE 24 IN. DIAMETER SOCK IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.
3. A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.

B  
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**CONCRETE WASHOUT**  
NOT TO SCALE



NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SILT SOCK, HDPE GEOMEMBRANE AND GRANULAR MATERIAL. AT COMPLETION OF THE CONTRACT, THE SILT SOCK, HDPE GEOMEMBRANE AND GRANULAR MATERIAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
2. THE REFUELING SITE SHALL BE PLACED WITHIN THE STAGING AREA.
3. THE REFUELING SITE SHALL CONSIST OF SILT SOCK, HDPE GEOMEMBRANE AND GRANULAR MATERIAL.
4. HDPE GEOMEMBRANE SHALL OVERLAP THE TOP OF THE SILT SOCK AND BE SECURED BY WOODEN STAKES.
5. A TWELVE (12) INCH MINIMUM LAYER OF GRANULAR MATERIAL SHALL BE PLACED ON TOP OF THE HDPE GEOMEMBRANE. WHEN PLACING THE GRANULAR MATERIAL, CARE SHALL BE TAKEN AS NOT TO TEAR THE HDPE GEOMEMBRANE. THE GRANULAR MATERIAL SHALL BE MONITORED SO IT DOES NOT MEASURE LESS THAN 12\"/>

D  
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**REFUELING SITE DETAILS**  
NOT TO SCALE

BID DOCUMENTS

|            |     |      |    |       |          |                          |                                  |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |             |
|------------|-----|------|----|-------|----------|--------------------------|----------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------|
| REFERENCE: |     |      |    |       |          | CONTRACT NO. : 8086      | CAD FILE NO. : 3-3-C-502         | <br>9-16-2026 | <br>MASSACHUSETTS WATER RESOURCES AUTHORITY<br><br>PREPARED BY : <br>100 SUMMER STREET<br>BOSTON, MA 02110<br>617-426-7330<br><br><br>BLACK & VEATCH<br>200 SUMMIT DRIVE, SUITE 340<br>BURLINGTON, MA 01803<br>781-656-5800 | METROPOLITAN WATER TUNNEL PROGRAM<br>CONTRACT PACKAGE 3.3<br>NEEDHAM DEWATERING DRAINAGE LINE | DRAWING NO. |
|            |     |      |    |       |          | ACCESSION NO. : NOT USED | SECTION NO. :                    |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C-502                                                                                         |             |
|            |     |      |    |       |          | DATE: SEPTEMBER, 2026    | DESIGNED BY: ANW<br>DRAWN BY: DB |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |             |
|            |     |      |    |       |          |                          | CHECKED BY: KRR                  |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |             |
|            |     |      |    |       |          | SCALE: NOT TO SCALE      | APPROVED BY: WSW                 |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |             |
|            |     |      |    |       |          |                          |                                  |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |             |
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|            |     |      |    |       |          |                          |                                  |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |             |
|            | NO. | DATE | BY | CHK'D | REVISION |                          |                                  |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SOIL EROSION AND SEDIMENTATION CONTROL<br>DETAILS 1                                           | 16 of 41    |