

**GENERAL NOTES:**

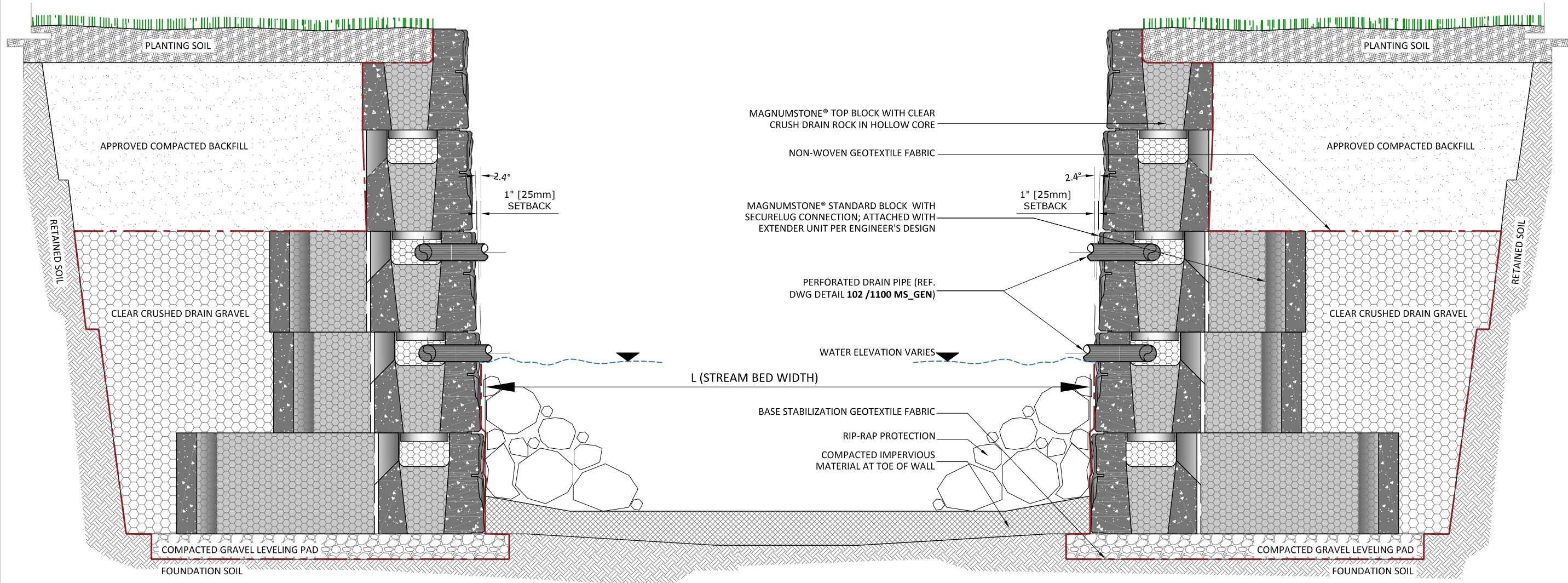
1. CLEAR CRUSH DRAIN ROCK (IE. AASHTO NO. 57 STONE) TO BE USED WITHIN THE UNIT HOLLOW CORES AND BEHIND THE RETAINING WALL UP TO 1' (0.3M) ABOVE HIGH WATER LEVEL TO ENSURE PROPER DRAINAGE.
2. CLEAR CRUSH DRAIN ROCK TO BE WRAPPED IN FILTER SEPARATION FABRIC TO AVOID INTRUSION OF SOIL INTO THE STONE VOID MATRIX.
3. PERFORATED DRAIN PIPES MAY BE ADDED AS REQUIRED
4. ADDITIONAL SCOUR ANALYSES AND RIP-RAP SIZING CALCULATIONS SHOULD BE COMPLETED SEPARATELY. THESE CALCULATIONS WILL DETERMINE EMBEDMENT DEPTH BELOW THE SCOUR RANGE.
5. SEE OTHER DETAILS FOR GEOGRID REINFORCED MSE RETAINING WALL OPTION FOR THE STREAM BANK (CONVEYANCE CHANNEL) SCENARIO.

**GENERAL NOTES:**

These drawings are intended solely to act as an aid when designing a wall. This drawing should not be used for final design or construction.

Each site-specific wall should be certified and signed by a registered geotechnical engineer in the State or Province that it is being built.

The accuracy and use of the details in this document are the sole responsibility of the user.



Rev	DESCRIPTION	DATE
01	ADDENDUM INFORMATION	08-10-2023
00	INTERNAL APPROVAL	07-01-2023

**REMARKS:**

**PURPOSE OF ISSUE:**

- INFORMATION
- REVIEW / APPROVAL
- PRODUCTION

**SHEET CONTENT**

**MAGNUMSTONE  
GRAVITY WALL  
STORMWATER APPLICATIONS**

**CONVEYANCE CHANNEL  
STREAMBANK  
CROSS SECTION DETAILS**

**SHEET REFERENCE**

**101**

**1115-MS-STM**

**DRAWING INFORMATION**

SCALE : AS INDICATED  
PAPER SIZE: 17" WD X 11" HT  
PREPARED BY: RM



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**01 GRAVITY-STREAM BANK (CONVEYANCE CHANNEL) DETAILS**  
SCALE 1 : 25

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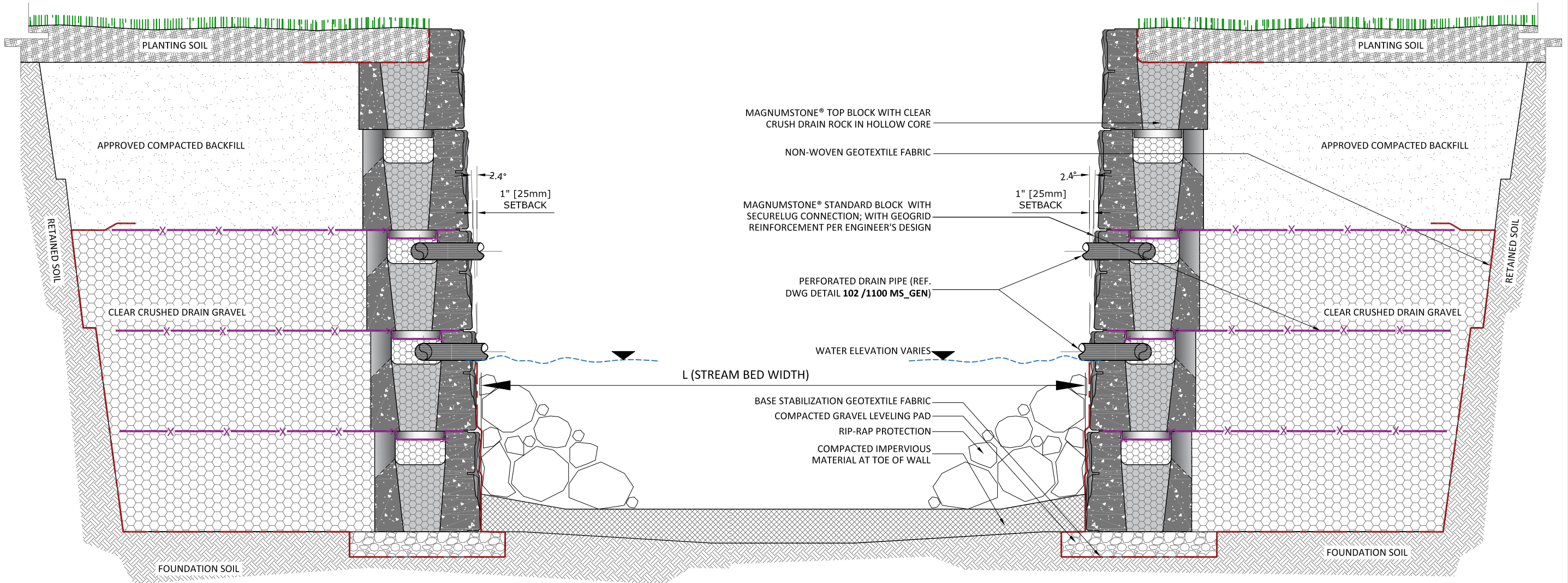
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**SHEET REFERENCE**

# 102

**1115-MS-STM**

**DRAWING INFORMATION**

SCALE: AS INDICATED

PAPER SIZE: 17" WD X 11" HT

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**02** **GEOGRID-STREAM BANK (CONVEYANCE CHANNEL) DETAILS**  
SCALE 1 : 25

