

GENERAL NOTES:

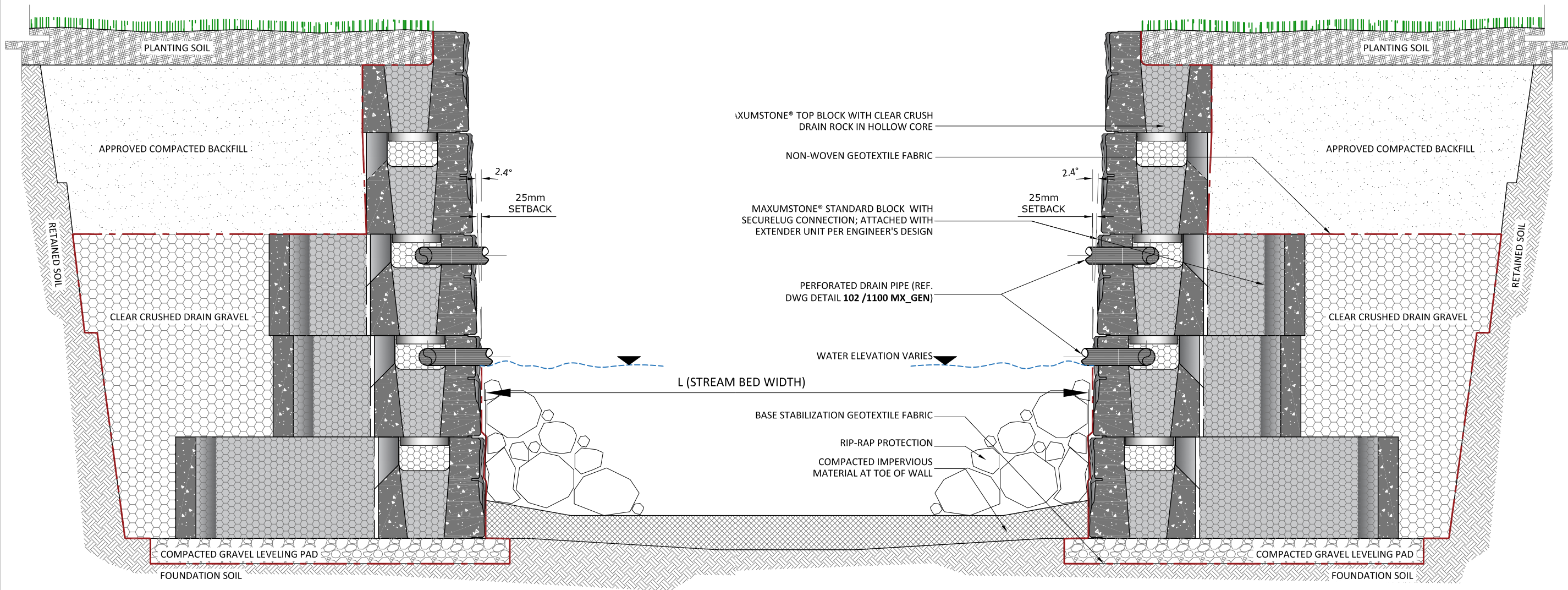
1. CLEAR CRUSH DRAIN ROCK (IE. AASHTO NO. 57 STONE) TO BE USED WITHIN THE UNIT HOLLOW CORES AND BEHIND THE RETAINING WALL UP TO 300mm ABOVE HIGH WATER LEVEL TO ENSURE PROPER DRAINAGE.
2. CLEAR CRUSH DRAIN ROCK TO BE WRAPPED IN FILTER SEPARATION FABRIC TO AVOID INTRUSION OF SOIL INTO THE STONE VOID MATRIX.
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.



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

REMARKS:

PURPOSE OF ISSUE:

- INFORMATION
- REVIEW / APPROVAL
- PRODUCTION

SHEET CONTENT

**MAXUMSTONE GRAVITY WALL
STORMWATER APPLICATIONS**

**CONVEYANCE CHANNEL
STREAMBANK
CROSS SECTION DETAILS**

SHEET REFERENCE

101

1115-MX-STM

DRAWING INFORMATION

SCALE : AS INDICATED
PAPER SIZE: 431.8mm x 297.5mm
PREPARED BY: RM

04A

STREAM BANK (CONVEYANCE CHANNEL) DETAILS

SCALE 1 : 25



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

**MAXUMSTONE
GEOGRID WALL
STORMWATER APPLICATIONS**

**CONVEYANCE CHANNEL
STREAMBANK
CROSS SECTION DETAILS**

SHEET REFERENCE

102

1115-MX-STM

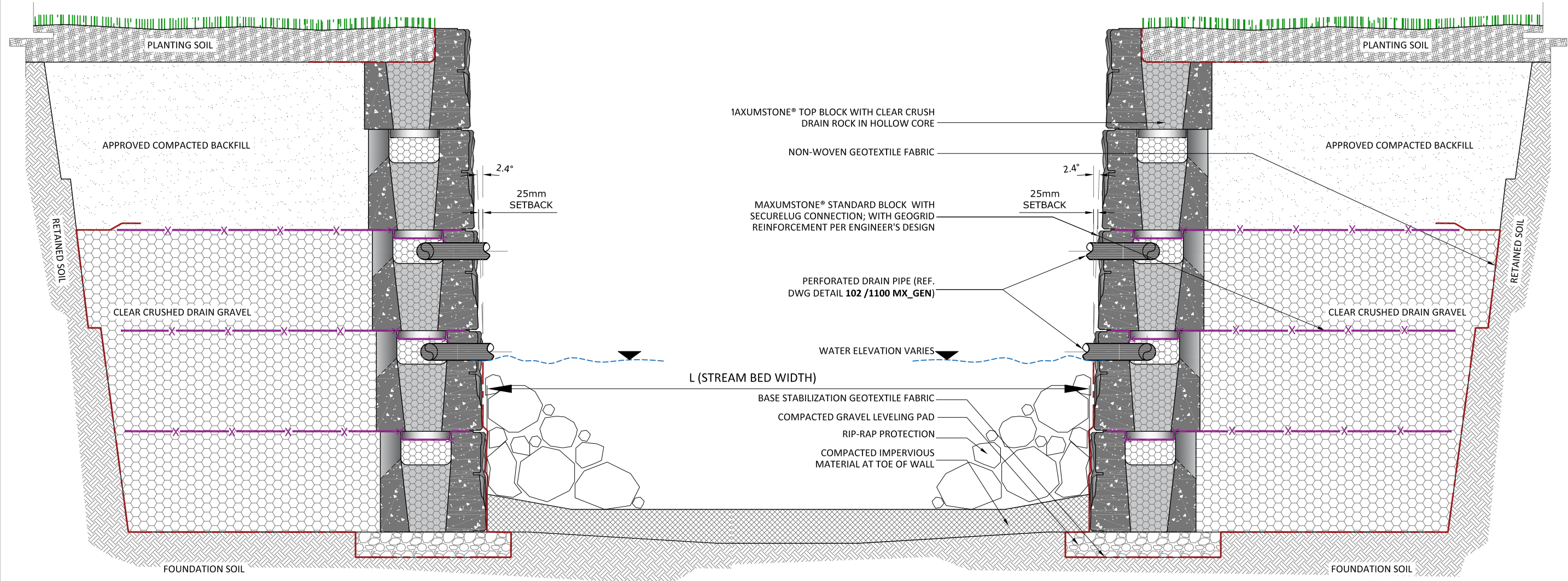
DRAWING INFORMATION

SCALE : AS INDICATED
PAPER SIZE: 431.8mm x 297.5mm
PREPARED BY: RM



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 300mm 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 GRAVITY RETAINING WALL OPTION FOR THE STREAM BANK (CONVEYANCE CHANNEL) SCENARIO.



04B GEOGRID-STREAM BANK (CONVEYANCE CHANNEL) DETAILS
SCALE 1 : 25