

**01** WALL CROSS SECTION  
SCALE 1 : 20

**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 WATER APPLICATION**  
**CROSS SECTION**

**SHEET REFERENCE**  
**101**  
**1110-MX-WTR**

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



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**MAXUMSTONE GEOGRID WALL WATER APPLICATION**

**PERSPECTIVE**

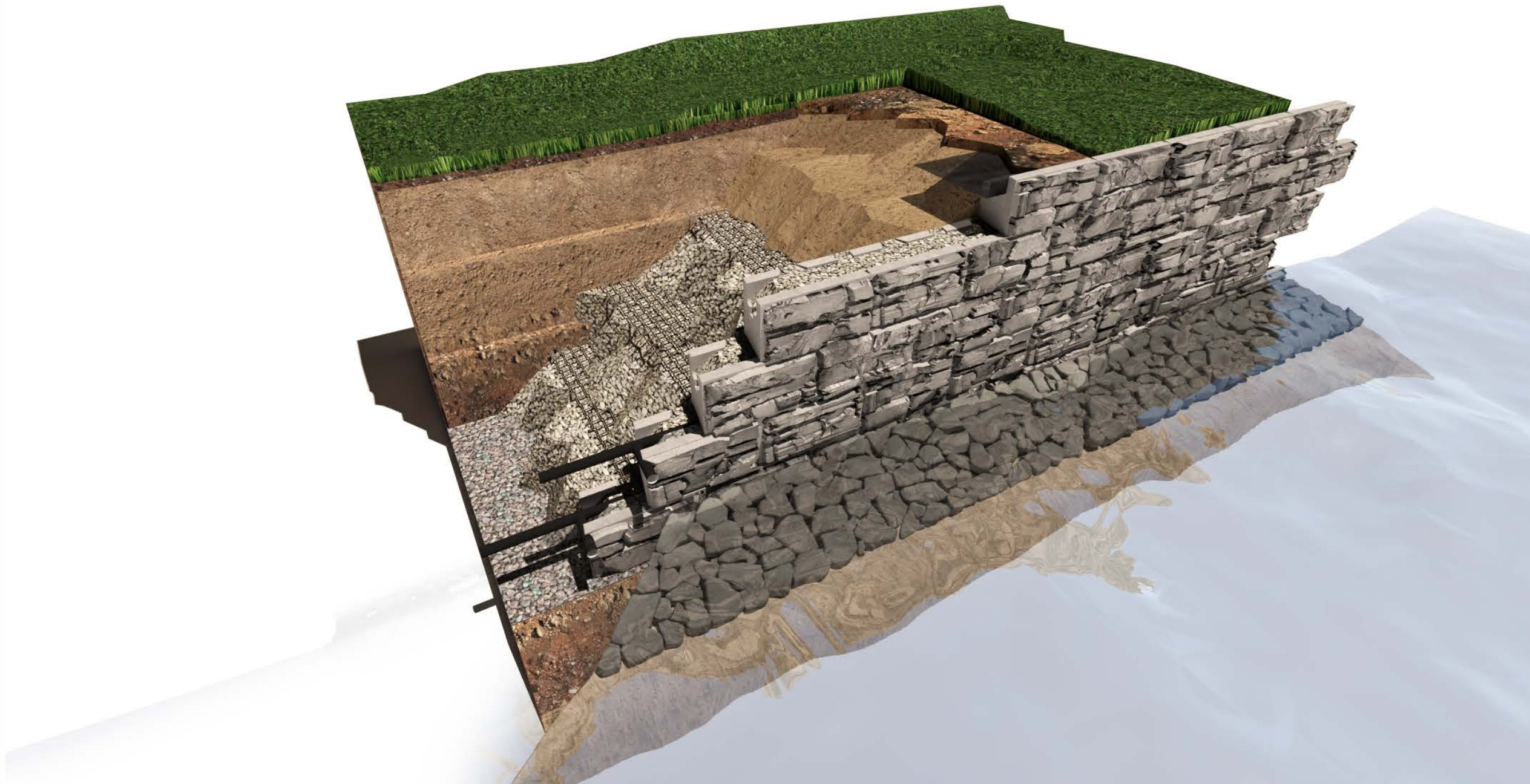
**SHEET REFERENCE**

**201**

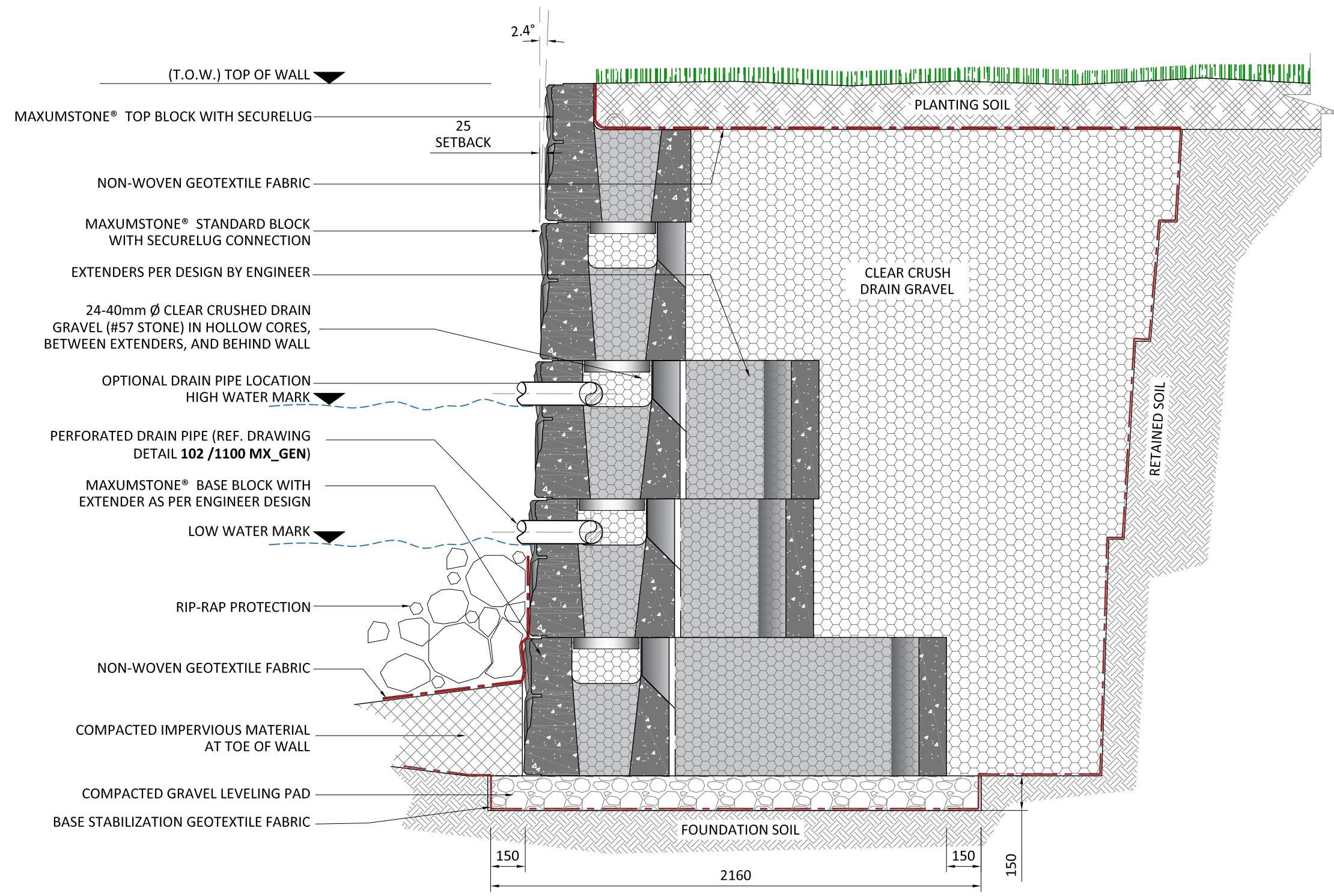
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**MaxumStone**  
RETAINING WALLS  
www.maxumstone.co.uk | 1 (800) 939-9193



(T.O.W.) TOP OF WALL ▼

MAXUMSTONE® TOP BLOCK WITH SECURELUG

25  
SETBACK

PLANTING SOIL

NON-WOVEN GEOTEXTILE FABRIC

MAXUMSTONE® STANDARD BLOCK WITH SECURELUG CONNECTION

EXTENDERS PER DESIGN BY ENGINEER

24-40mm Ø CLEAR CRUSHED DRAIN GRAVEL (#57 STONE) IN HOLLOW CORES, BETWEEN EXTENDERS, AND BEHIND WALL

CLEAR CRUSH DRAIN GRAVEL

OPTIONAL DRAIN PIPE LOCATION  
HIGH WATER MARK ▼

PERFORATED DRAIN PIPE (REF. DRAWING  
DETAIL 102 /1100 MX\_GEN)

MAXUMSTONE® BASE BLOCK WITH  
EXTENDER AS PER ENGINEER DESIGN

LOW WATER MARK ▼

RETAINED SOIL

RIP-RAP PROTECTION

NON-WOVEN GEOTEXTILE FABRIC

COMPACTED IMPERVIOUS MATERIAL  
AT TOE OF WALL

COMPACTED GRAVEL LEVELING PAD

BASE STABILIZATION GEOTEXTILE FABRIC

FOUNDATION SOIL

150

2160

150

150

2.4°

**02** **WALL CROSS SECTION**  
SCALE 1 : 20

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**SHEET CONTENT**

**MAXUMSTONE GRAVITY WALL WATER APPLICATION**

**CROSS SECTION**

**SHEET REFERENCE**

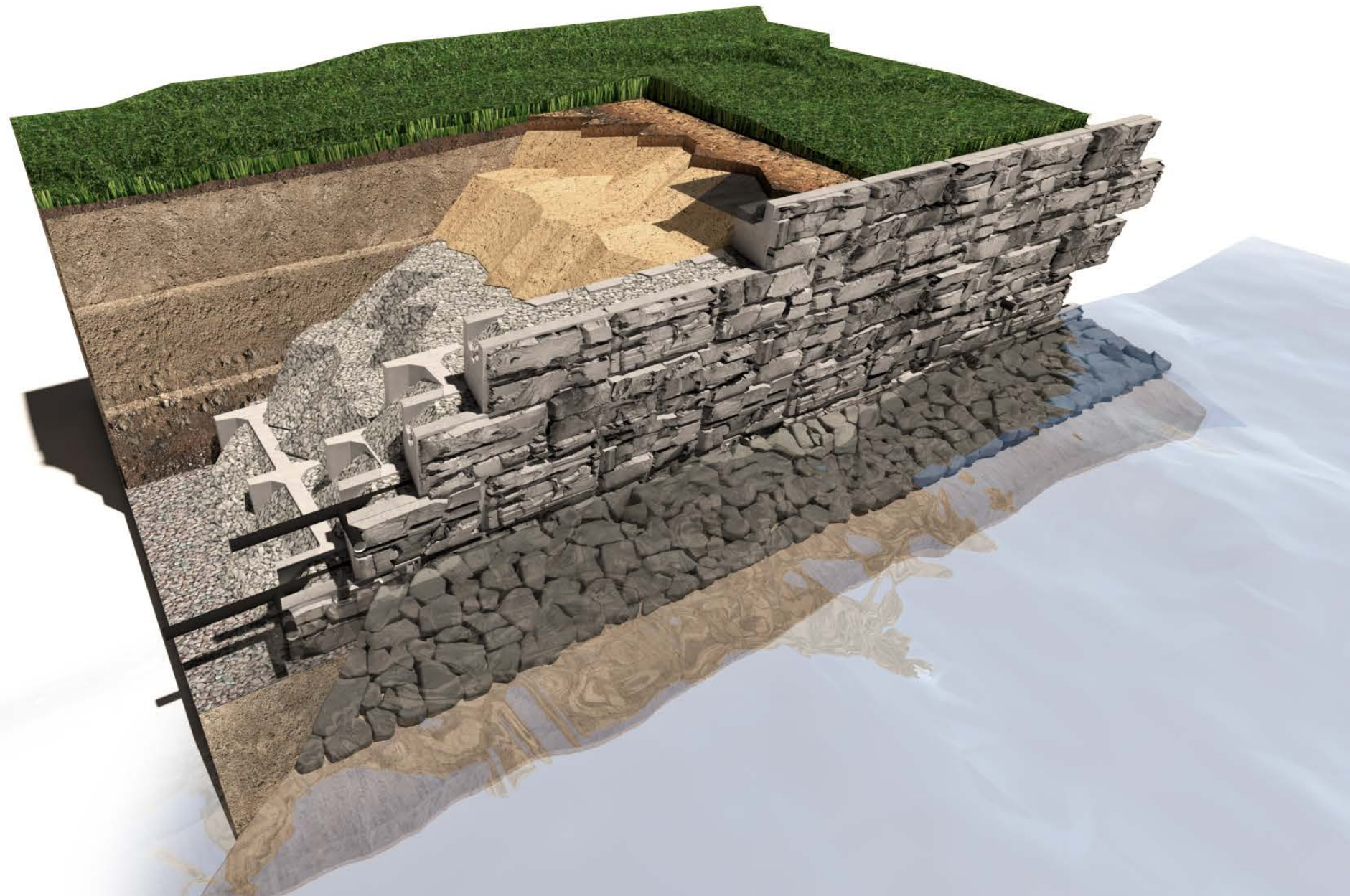
**102**

**1110-MX-WTR**

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**SHEET CONTENT**

**MAXUMSTONE GRAVITY WALL WATER APPLICATION**

**PERSPECTIVE**

**SHEET REFERENCE**

**202**

**1110-MX-WTR**

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 RETAINING WALLS