

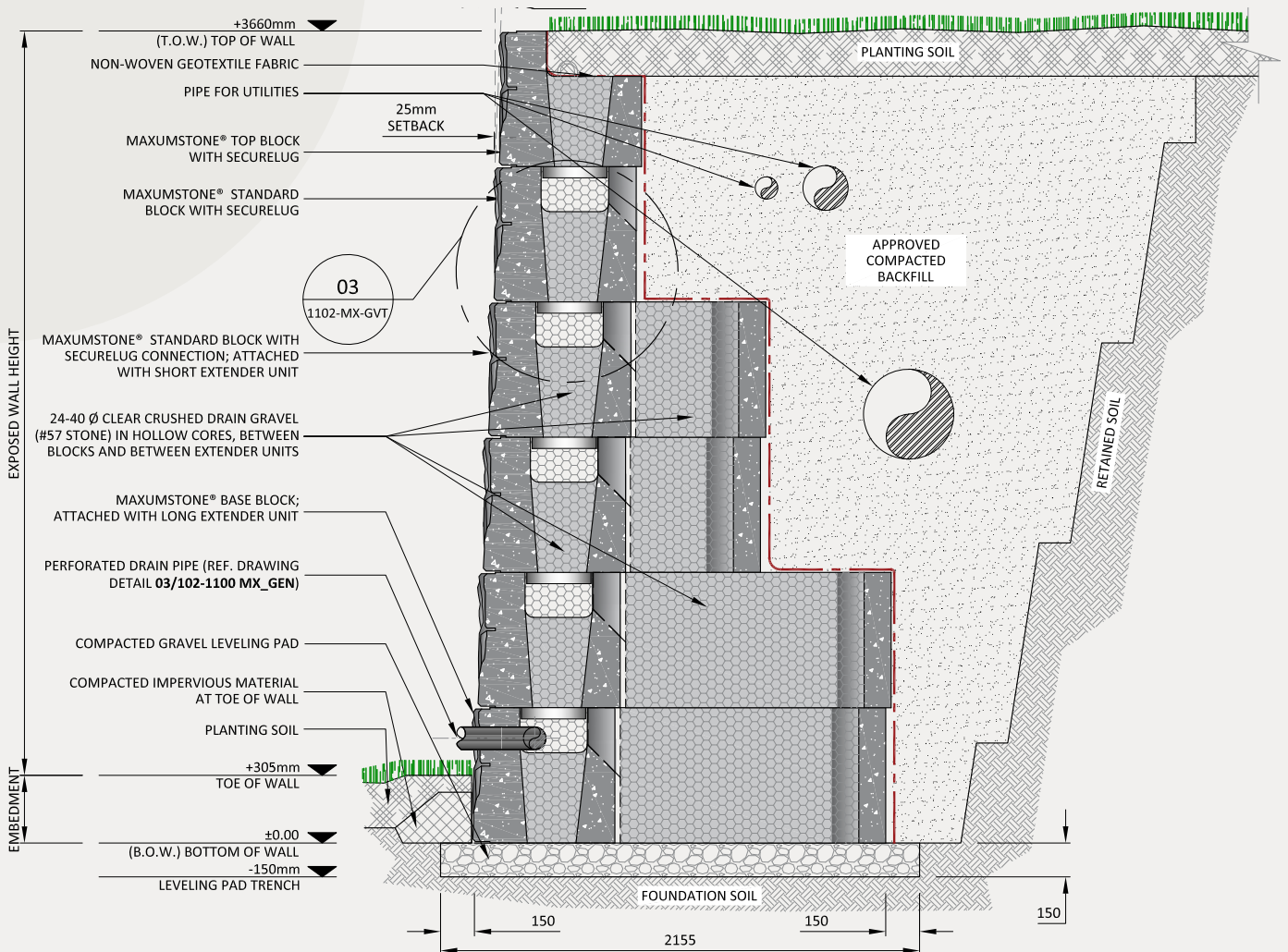
**LET MAXUMSTONE[®]
DRIVE YOUR DESIGN**

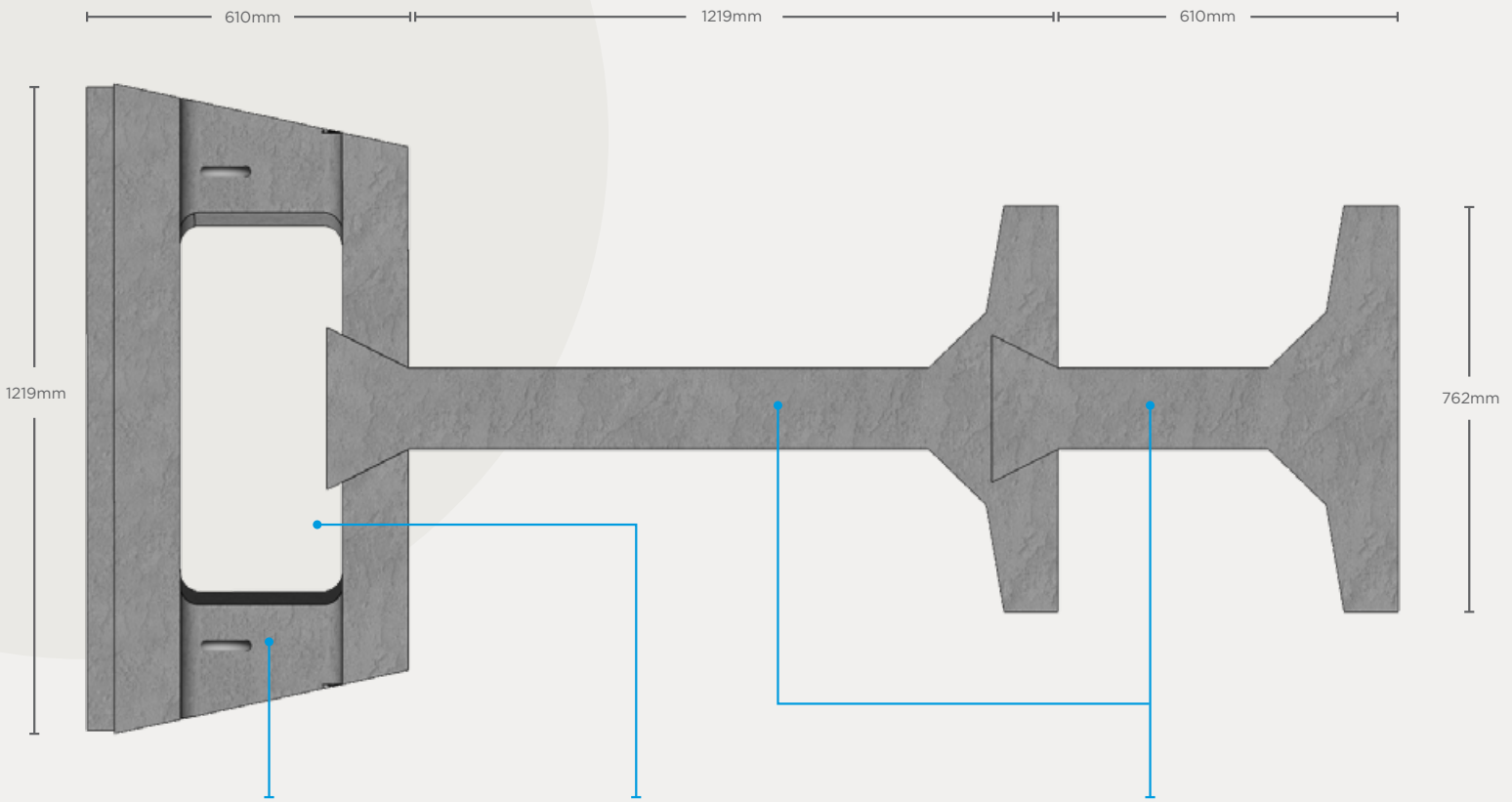
 **MaxumStone[®]**
RETAINING WALLS



YOUR GRAVITY WALL JUST GOT TALLER

MaxumStone® Gravity Retaining Wall Extenders replace Geogrid reinforcements by using a tongue-and-groove concrete system to meet or exceed the demands of engineers. This system reduces the massive footprint of traditional cantilevered gravity retaining walls and gives developers and owners greater use of land above the wall.





MAXUMSTONE® UNIT

Units are made from high strength, wet cast concrete to provide durability and resistance to weathering.

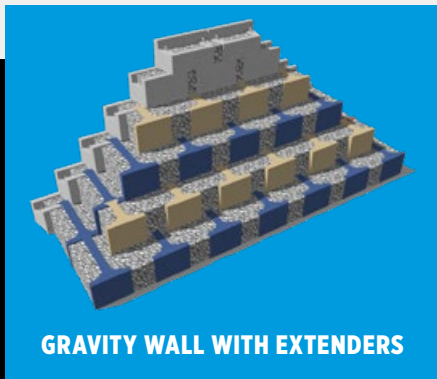
HOLLOW CORE

Makes it easy to saw cut, add special lighting, or place fence posts into when adding creative details.

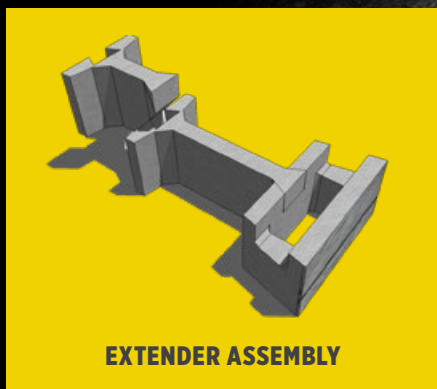
GRAVITY EXTENDERS

1220 MM & 610 MM

MaxumStone® Extenders can be used in any combination of standard lengths.



GRAVITY WALL WITH EXTENDERS

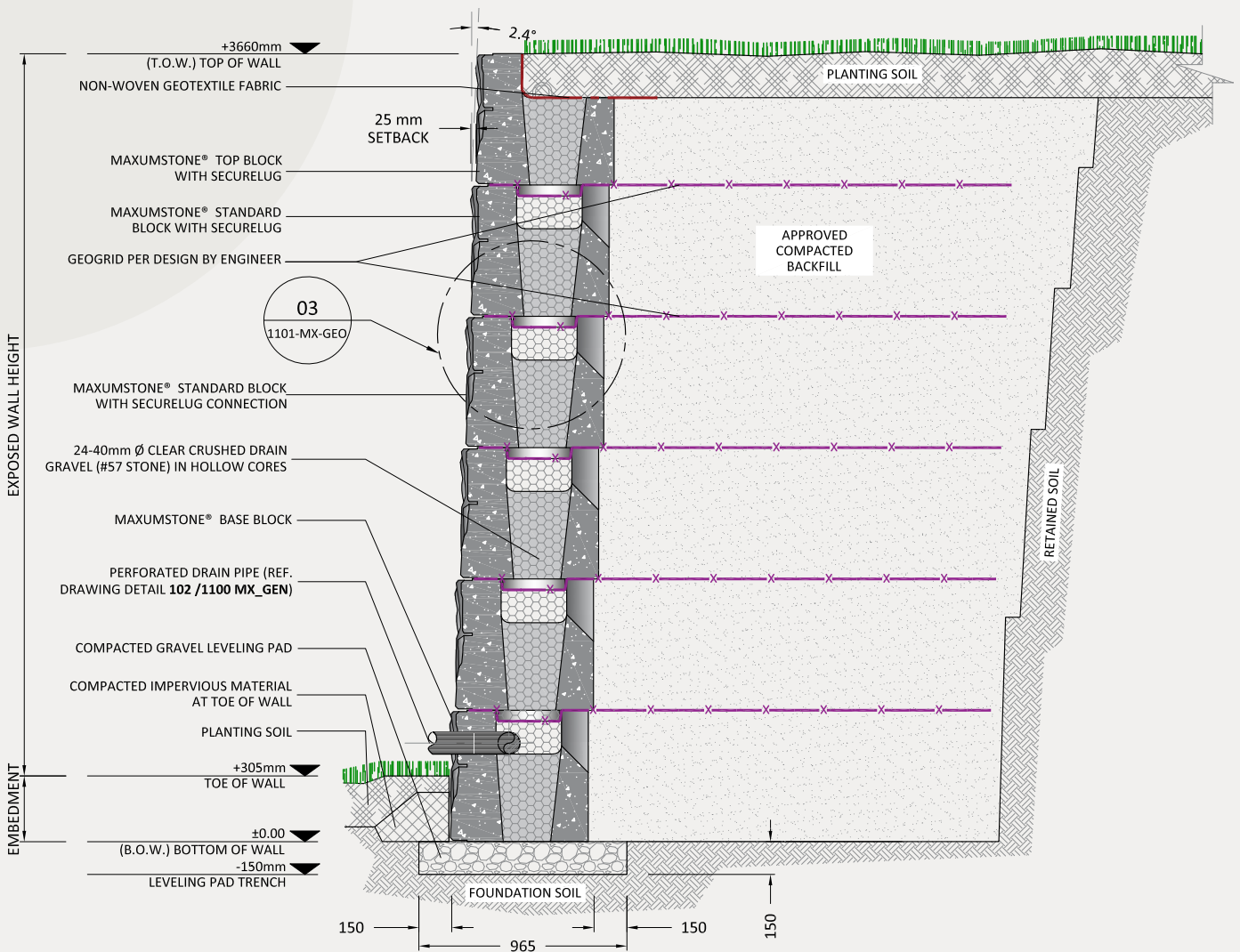


EXTENDER ASSEMBLY



GEOGRID WALLS

Geogrid is used to reinforce the soil mass behind the MaxumStone® units to create tall retaining wall systems. Geogrid helps resist pressures from loads such as parking lots, roadways, water applications or positive slopes. Geogrid with the appropriate lengths, layers, and compacted backfill materials will resist forces above and behind the wall. The use of Geogrid reinforcements with the MaxumStone® system is highly cost effective for very tall wall structures. For walls higher than 1.2 m, consult a qualified engineer.





GRAVITY WALL

GEOGRID WALL

POSITIVE CONNECTION WALL

PLANTER WALLS

DESIGN APPS



SOIL NAILING WALLS

CANTILEVER WALL

STORMWATER MANAGEMENT



FENCE POSTS

COMMON APPLICATIONS

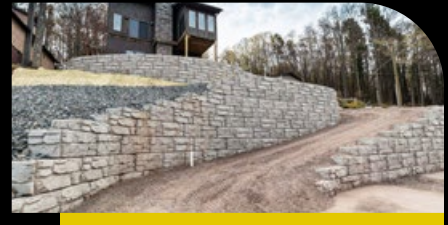
GRAVITY WALLS

Gravity retaining walls can be built in tight areas with limited excavation space. MaxumStone's gravity retaining wall extenders offer designers the ability to build taller gravity retaining walls by increasing the wall depth in 610 mm or 220 mm increments. Gravity extenders deliver impactful performance while further fortifying retaining wall outside corners.



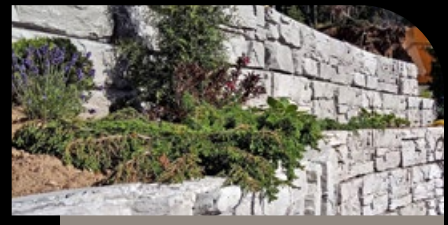
GEOGRID WALLS

Geogrid retaining wall designs are used to reinforce soil mass and help designers build retaining walls that will resist active forces from above and behind the wall. MaxumStone SecureLug connection offers a superior interlock between the specified grids and the block-to-block connection.



TERRACES WITH PLANTERS

Terraced plantable retaining wall designs work in harmony with MaxumStone's big block retaining wall system. The lightweight, large units allow wall designers the flexible solutions with environmental benefits. The hollow core provides a plantable pocket to increase greenery and reduce the spread of heat island effect, commonly found in concrete surfaces.



WATER APPLICATIONS

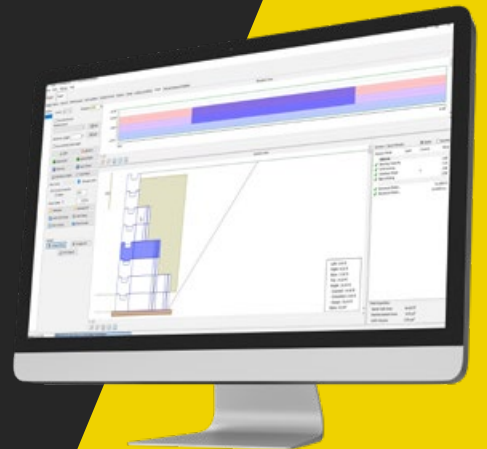
MaxumStone's hollow core offers internal vertical and horizontal drainage design advantages. This minimizes the effects of hydrostatic pressures behind the wall. MaxumStone's wet-cast units provide durable 27.5 MPa concrete that's resistant to freeze-thaw cycles and saturated conditions. MaxumStone blocks are optimal for stormwater management solutions including dry ponds, retention ponds and drainage channels.



For more common applications of MaxumStone retaining walls (Steel/Concrete Walls, Soil Nailing, Steel Grid, Free-Standing Walls) visit traceyconcrete.com

DESIGN SOFTWARE

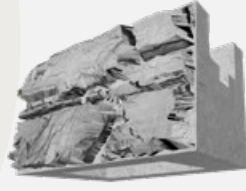
The MaxumStone® Wall Designer program is designed with the Engineer in mind. It includes multiple methodologies, MaxumStone® gravity systems, geogrid friction, and positive reinforcement options for the designer to choose from. Select and edit soil information, input loads and slopes above and below the retaining wall.



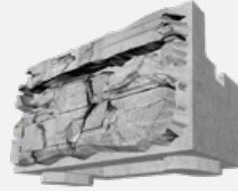
UNIT SPECIFICATIONS



STANDARD
621 kgs



STANDARD BASE
610 kgs



STANDARD TOP
553 kgs

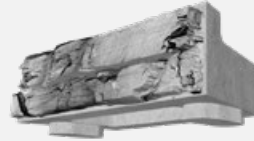
Height	610mm
Depth	610mm
Face Width	1219mm
Back Width	991mm
Face Area	0.745 m2
Setback	2.4°



HALF-HIGH
340 kgs



HALF-HIGH BASE
328 kgs



HALF-HIGH TOP
308 kgs

Height	305mm
Depth	610mm
Face Width	1219mm
Back Width	991mm
Face Area	0.37 m2
Setback	2.4°



HALF-WIDE
378 kg



HALF-WIDE BASE
373 kgs



HALF-WIDE TOP
345 kgs

Height	610mm
Depth	610mm
Face Width	610mm
Face Area	0.37 m2
Setback	2.4°



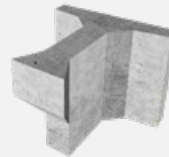
2 SIDED FREESTANDING
408 kgs

Height	305mm
Depth	660mm
Width	1220mm



3 SIDED FREESTANDING
408 kgs

Height	305mm
Depth	660mm
Width	1220mm



SHORT EXTENDER
236 kgs

Height	610mm
Depth	610mm
Back Width	762mm



LONG EXTENDER
372 kgs

Height	610mm
Depth	1219mm
Back Width	762mm



CORNER/END
154 kgs

Height	610mm
Depth	203mm
Top Width	51mm
Bottom Width	102mm



HALF-HIGH CORNER/END
77 kgs

Height	305mm
Depth	229mm
Top Width	76mm
Bottom Width	102mm



STEP/CAP
263 kgs

Height	152mm
Depth	609mm
Width	1219mm

FULL SPECIFICATIONS

A full list of specifications can be found on:

traceyconcrete.com



Dimensions and weights may vary. Please check with Tracey Concrete.



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