



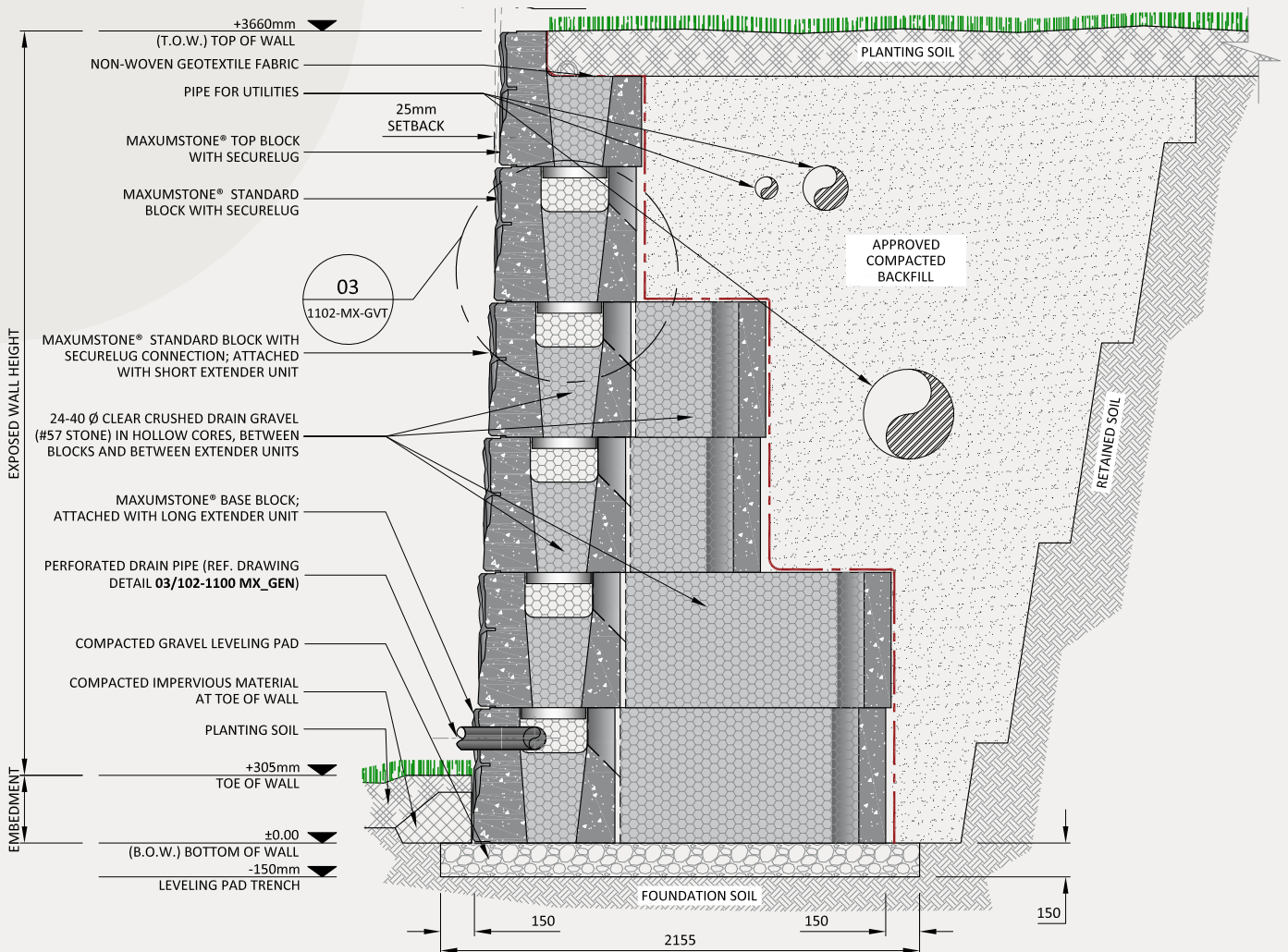
**LET MAXUMSTONE<sup>®</sup>  
DRIVE YOUR DESIGN**

 **MaxumStone<sup>®</sup>**  
RETAINING WALLS

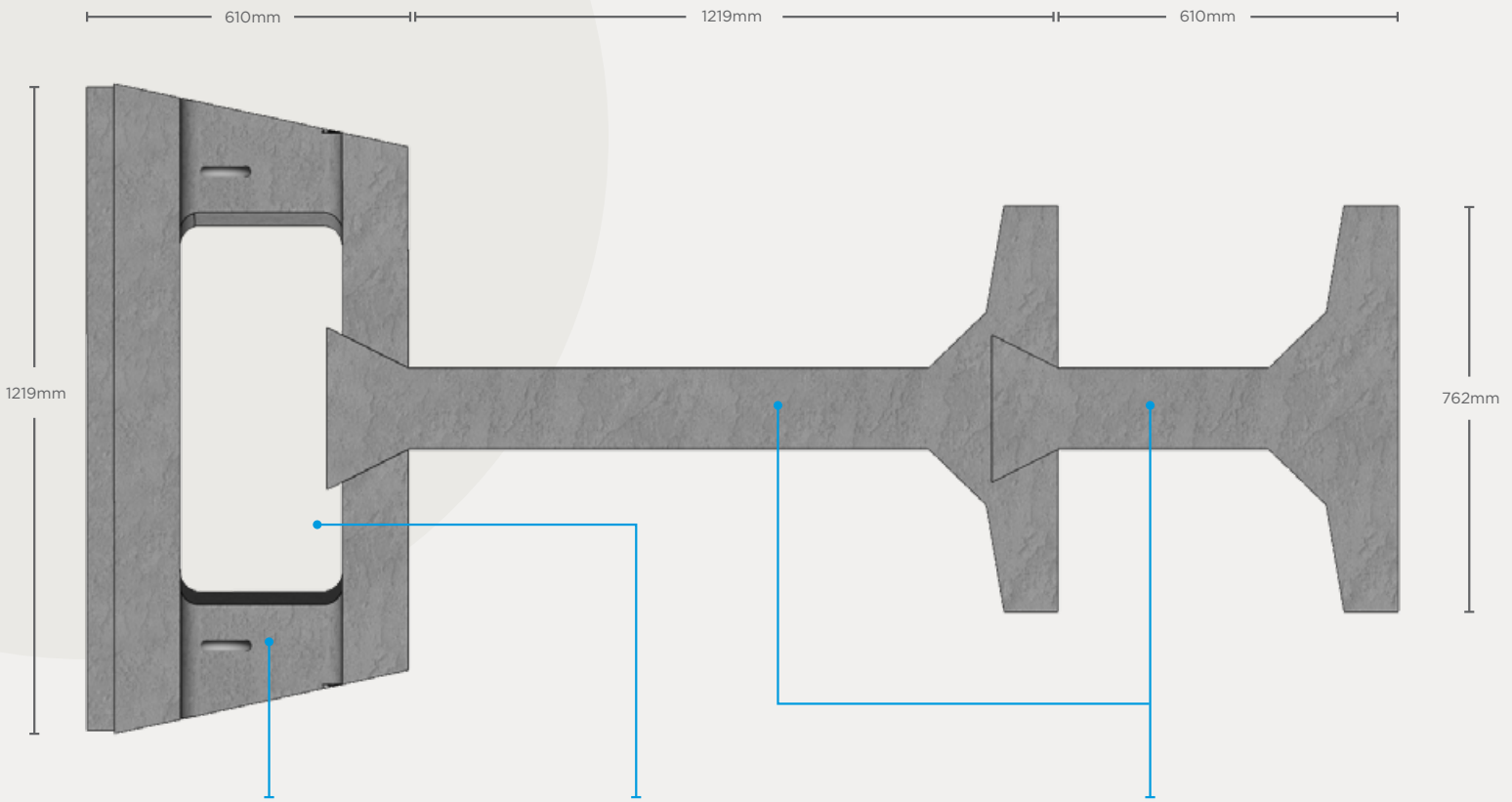


# YOUR GRAVITY WALL JUST GOT TALLER

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.

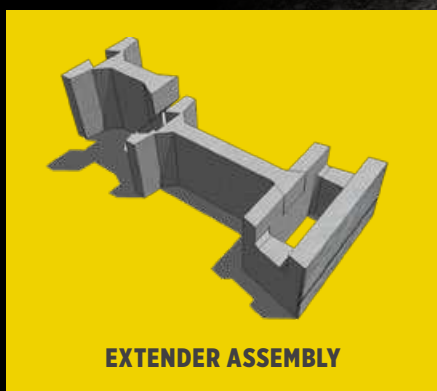
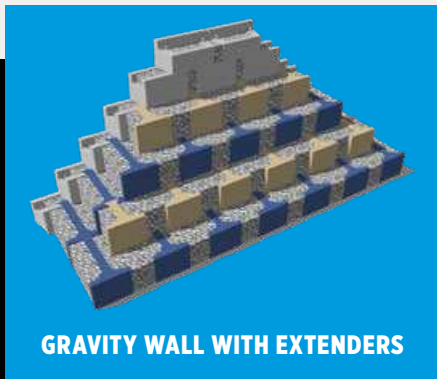
## HOLLOW CORE

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

## GRAVITY EXTENDERS

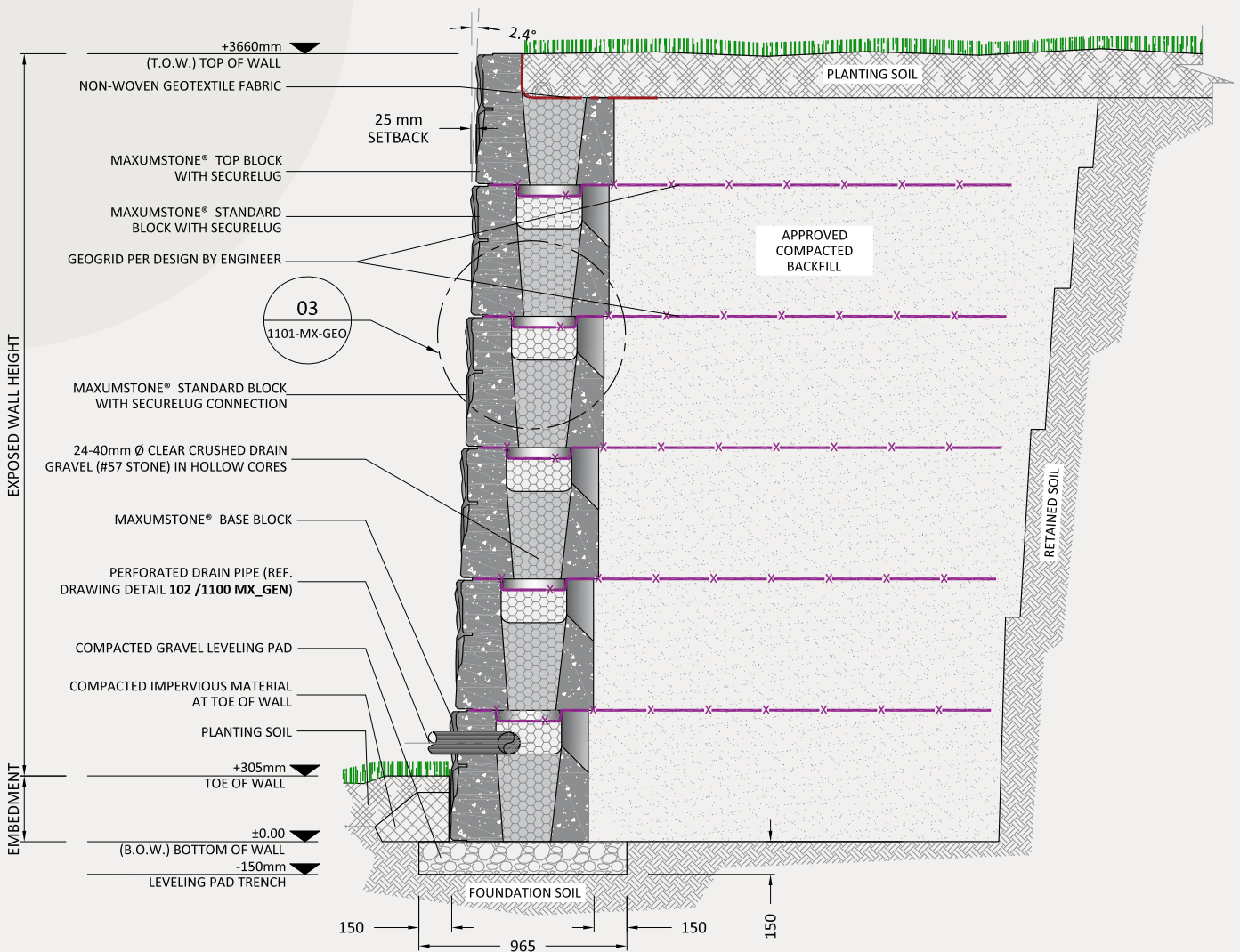
1220 MM & 610 MM

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



# 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

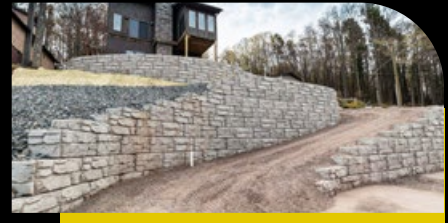
## GRAVITY WALLS

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.



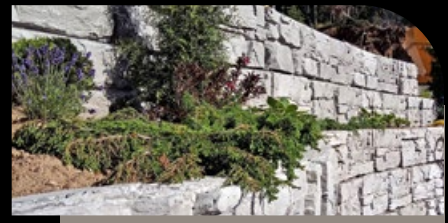
## GEOGRID WALLS

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](https://traceyconcrete.com)

# DESIGN SOFTWARE

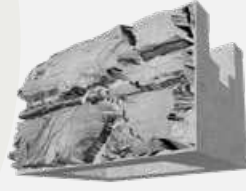
The MaxumStone® Wall Designer program is designed with the Engineer in mind. It includes multiple methodologies, MaxumStone® gravity systems, geogrid friction, and positive reinforcement options for the designer to choose from. Select and edit soil information, input loads and slopes above and below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



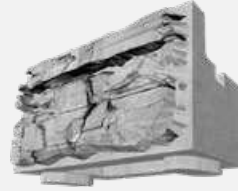
# UNIT SPECIFICATIONS



**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 m <sup>2</sup> |
| 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 m <sup>2</sup> |
| 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 m <sup>2</sup> |
| 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](https://traceyconcrete.com)



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



# TRACEY CONCRETE

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