

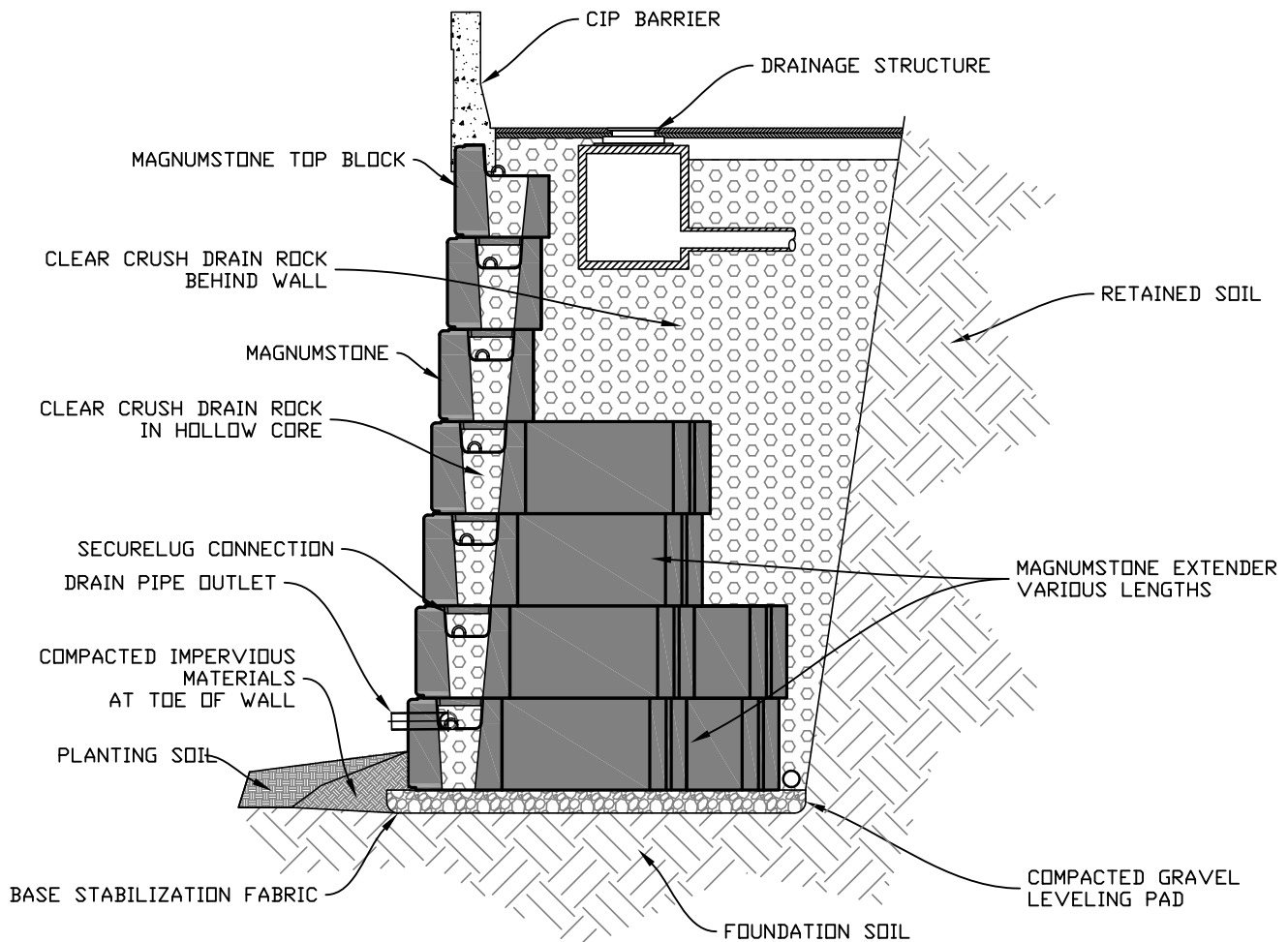


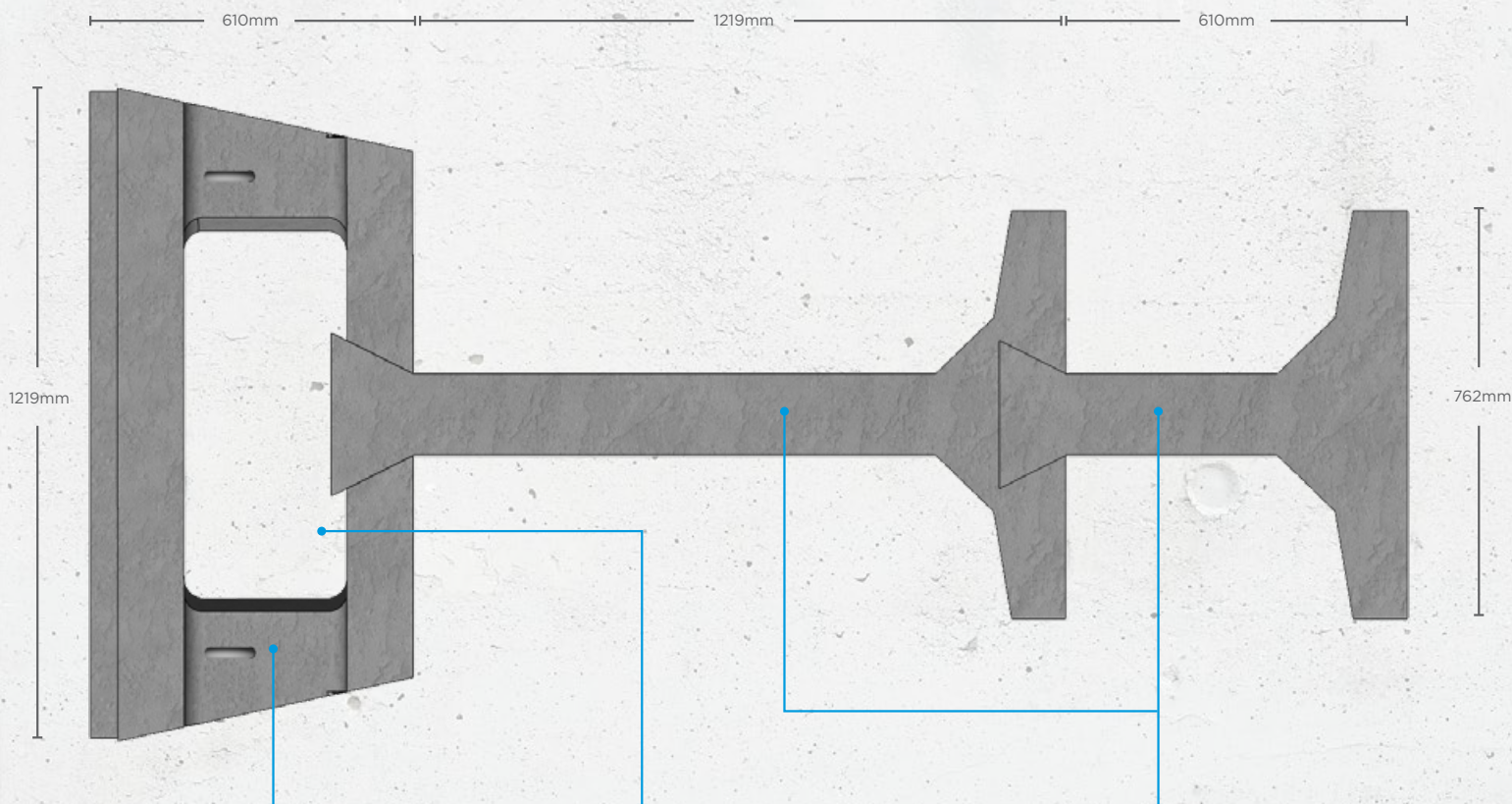
Let MaxumStone
drive your design.

MaxumStone

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

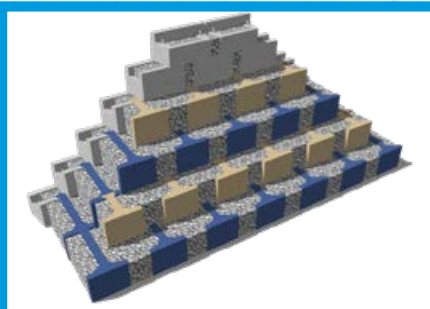
Units are made from high strength, wet cast concrete to provide durability and resistance to weathering.

Hollow Core

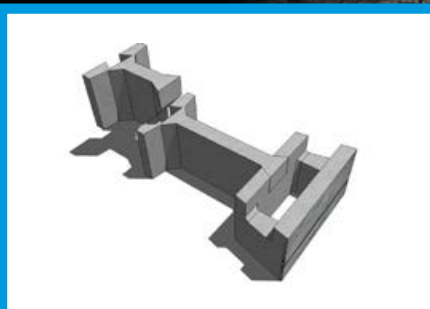
Makes it easy to saw cut, add special lighting, or place fence posts into when adding creative details.

Short & Long Extenders

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



Gravity Wall with Extenders



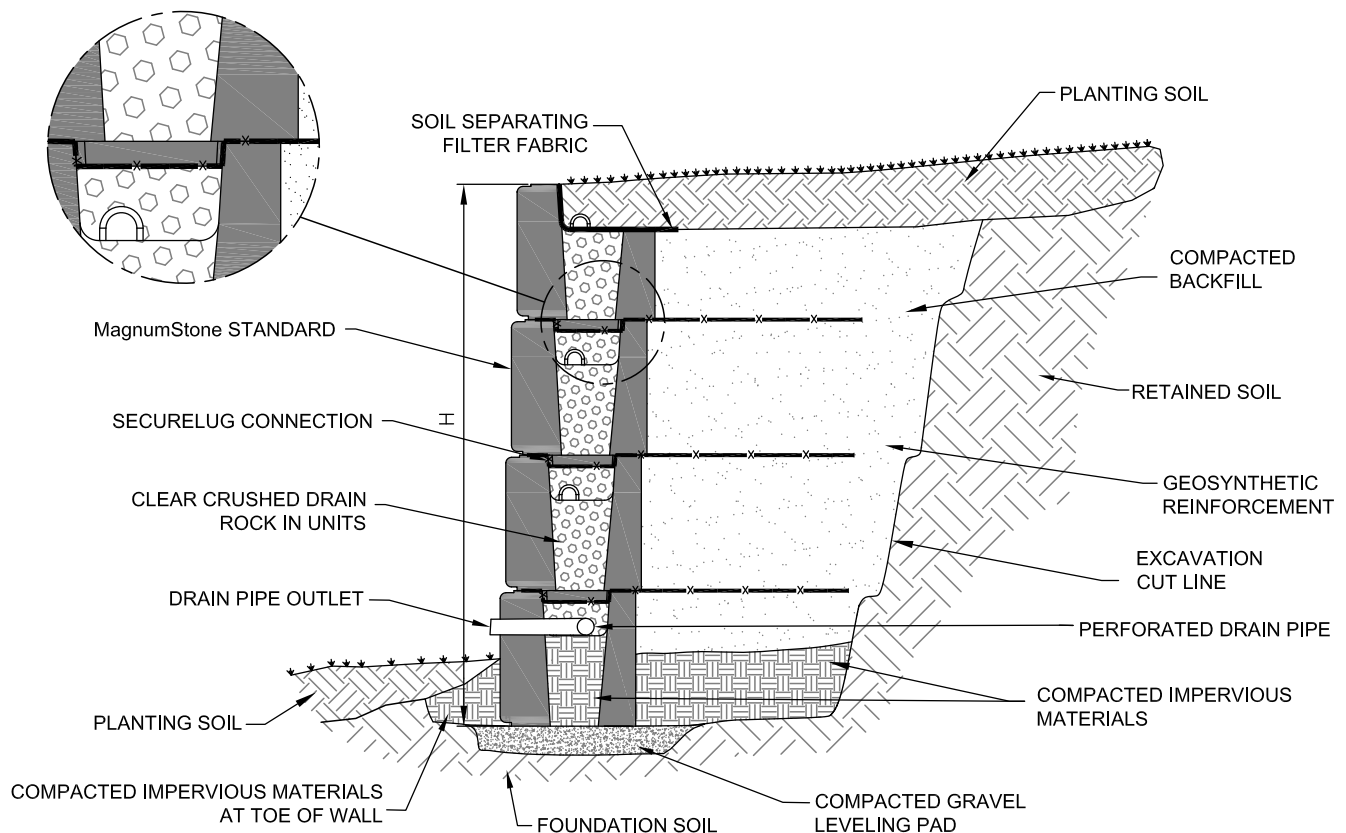
Extender Assembly

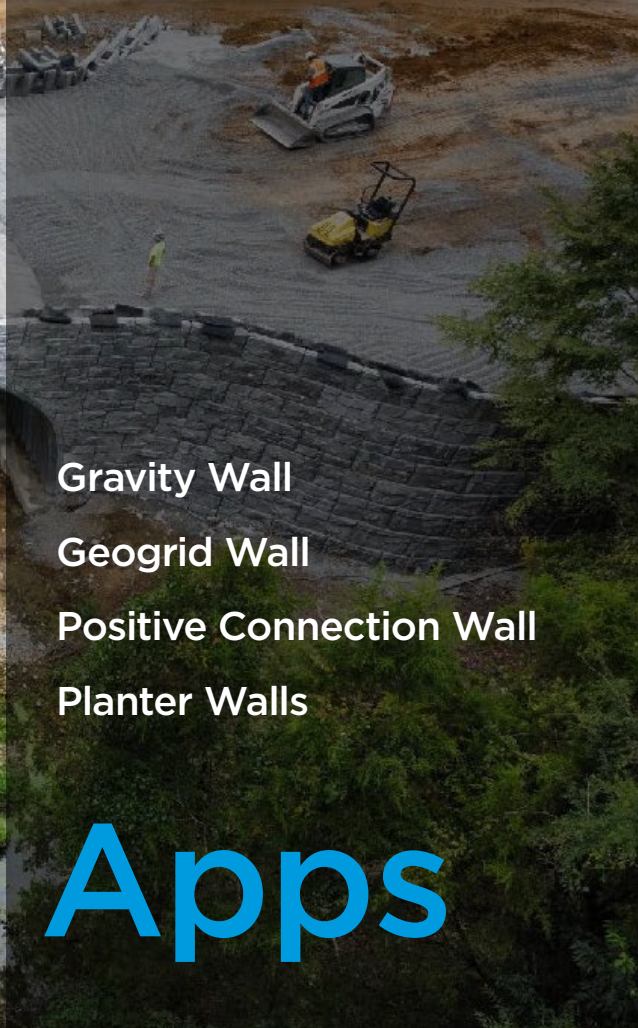


Geogrid Walls

Geogrids are used to reinforce the soil mass behind the MaxumStone units to create tall retaining wall systems. Geogrids help 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 very 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



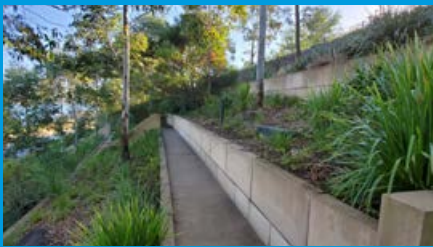
GRAVITY WALLS

MaxumStone Gravity Retaining Wall Extenders replace Geogrid reinforcements by using a tongue-and-groove concrete system that meets or exceeds the demands of engineers. This system reduces the massive footprints demanded by cantilevered traditional gravity retaining walls and gives developers and owners greater use of land above the wall.



GEOGRID WALLS

Geogrids are used to reinforce the soil mass behind the MaxumStone units to create tall retaining wall systems. Wall structures that may require geogrid reinforcement to resist the increased pressures behind the wall include parking lots, roadways, water applications or positive slopes above.



TERRACES WITH PLANTERS

The MaxumStone retaining wall provides a large vertical and horizontal hollow core. The light weight and large size units allow wall designers the flexibility of creating many solutions without environmentally costly side-effects. The hollow core provides a plantable retaining wall pocket within the retaining wall system.



WATER APPLICATIONS

The hollow core allows for vertical internal drainage, minimizing the effects of hydrostatic pressures behind the wall. Wet-cast MaxumStone units provides a durable, 27.5 MPa concrete that is resistant to freeze-thaw degradation in areas of repeated freezing and thawing in saturated conditions.

More: Steel/Concrete Wall, Soil Anchoring, Steel Grid, Wall Step-Up, Free Standing

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

621 kgs



STANDARD TOP

553 kgs

Height	610mm
Depth	610mm
Face Width	1219mm
Back Width	991mm
Face Area	0.745 m2
Setback	4.5° / 2.4° / 0°



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	4.5° / 2.4° / 0°



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



HALF HIGH CORNER/END

77 kgs



STEP/CAP

131 kgs

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

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

Height	152mm
Depth	609mm
Width	1219mm

Full Specifications

A full list of specifications can be found on:

stantonprecast.co.uk



Dimensions and weights may vary. Please check with local producer.

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MaxumStone

STANTON PRECAST LTD

Littlewell Lane
Stanton-by-Dale
Ilkeston
Derbyshire
DE7 4QW

Tel: 0115 944 1448

Fax: 0115 944 1466

Email: info@stantonprecast.co.uk

» stantonprecast.co.uk