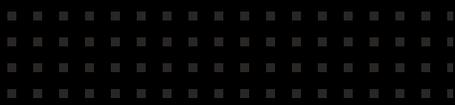




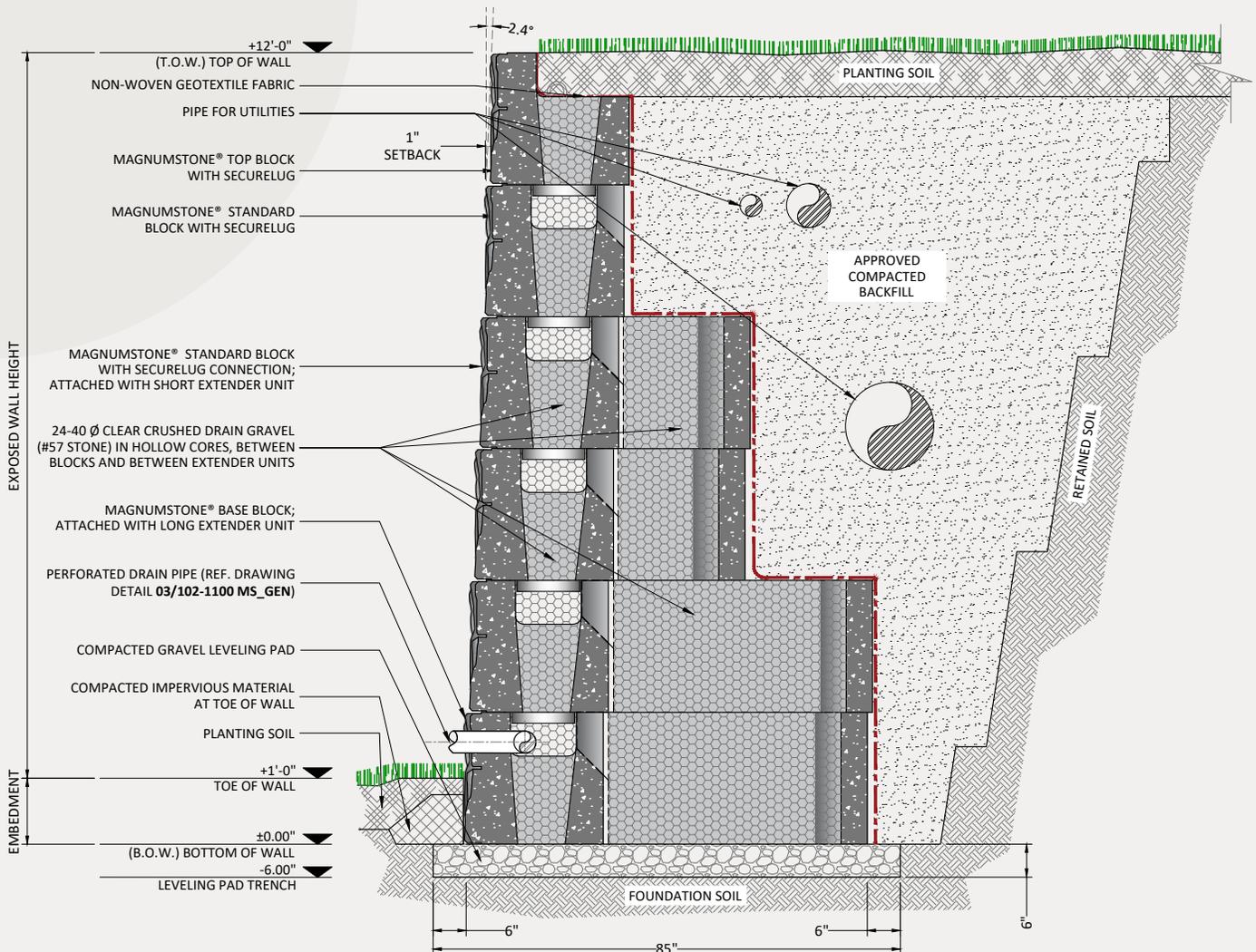
**LET MAGNUMSTONE[®]
DRIVE YOUR DESIGN**

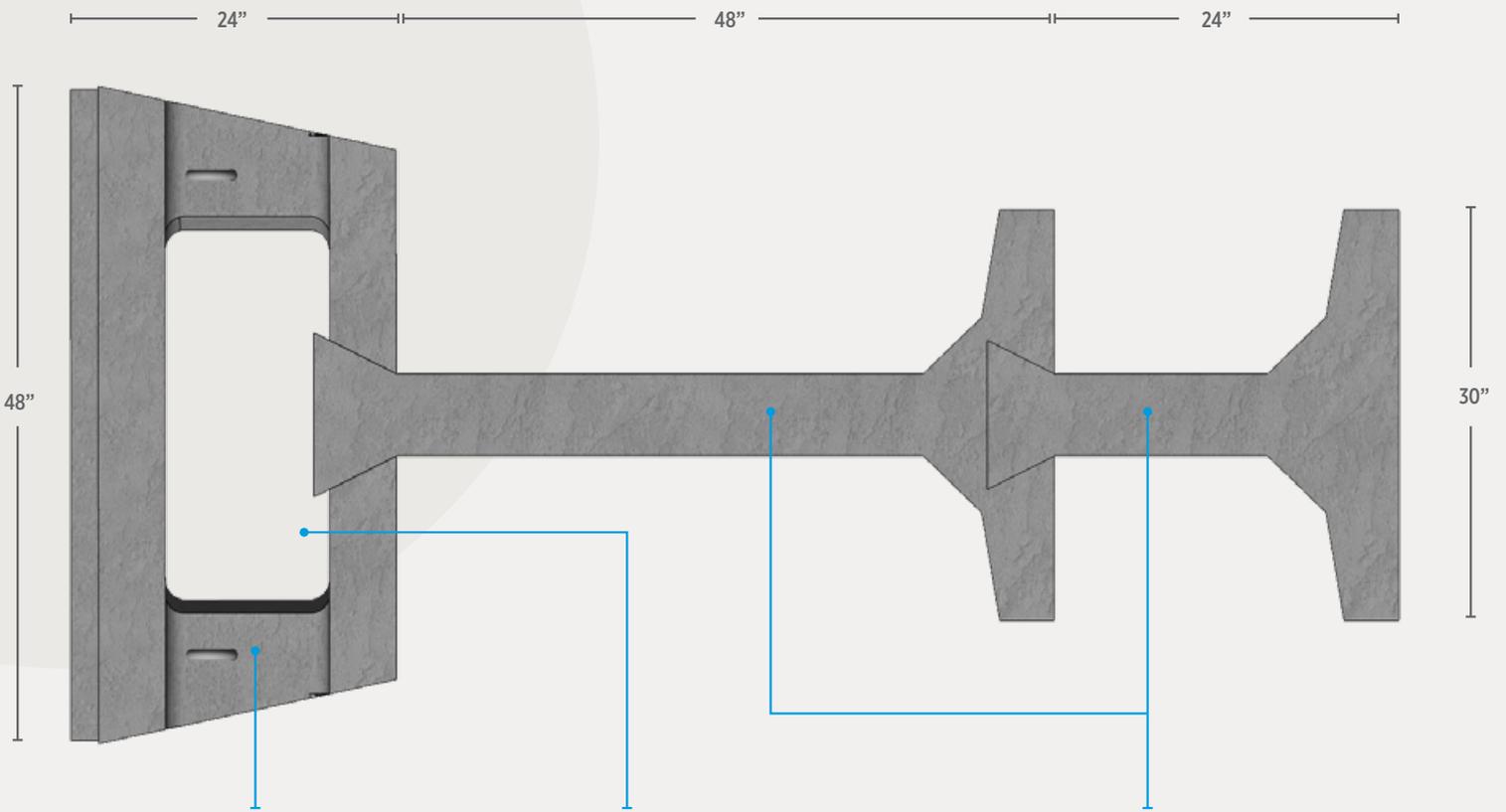
 **MagnumStone[®]**
RETAINING WALLS



YOUR GRAVITY WALL JUST GOT TALLER

MagnumStone® 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.





MAGNUMSTONE® UNIT

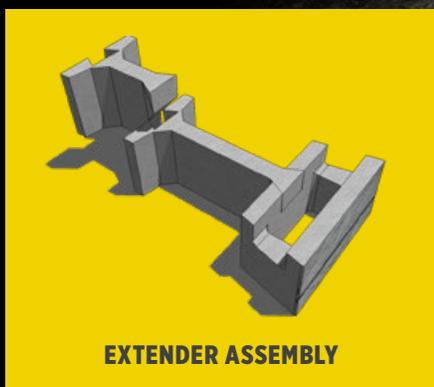
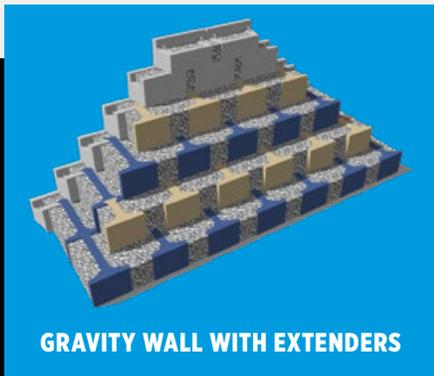
Units are made from high strength, wet cast concrete to provide durability and resistance to weathering.

HOLLOW CORE

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

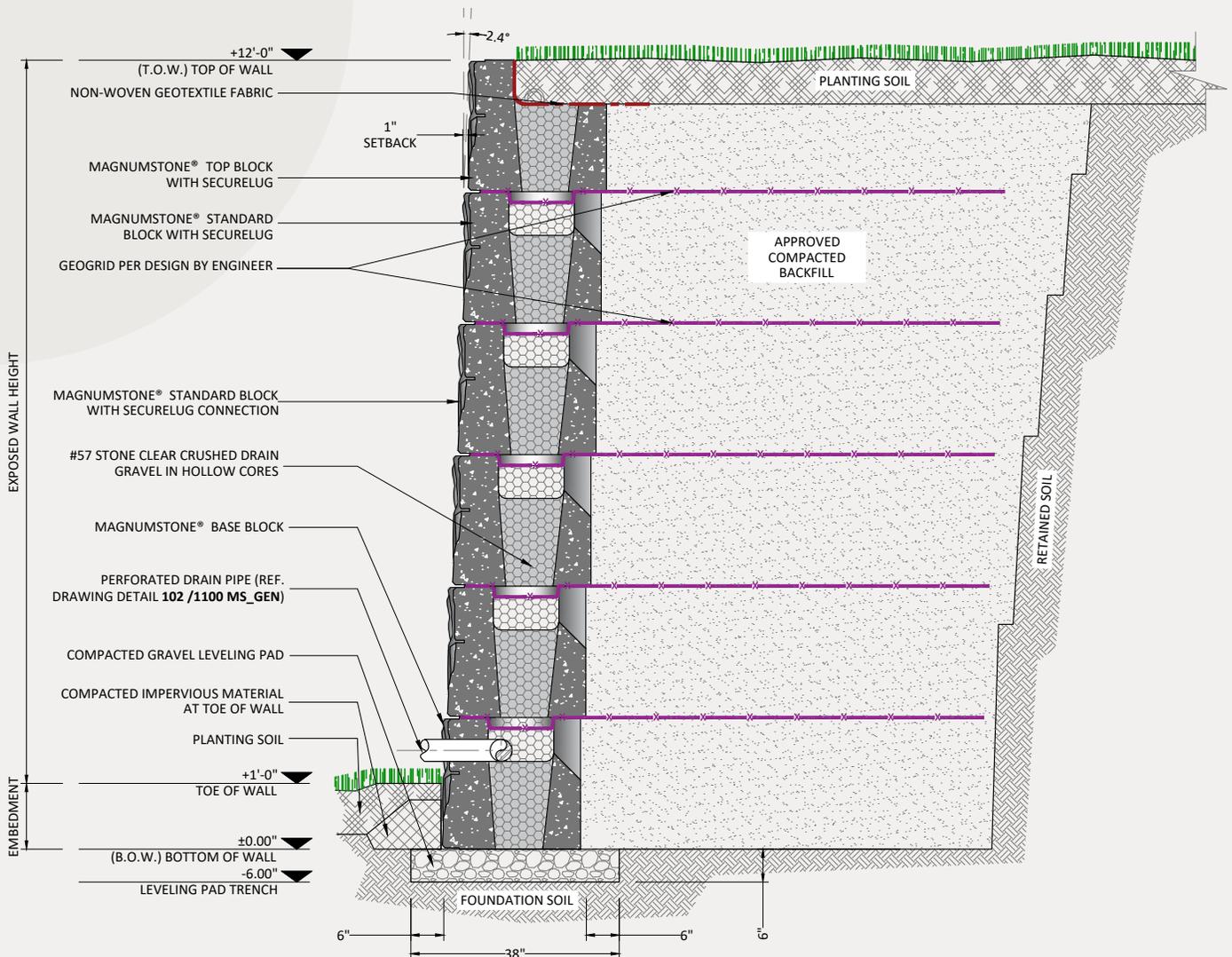
4FT & 2FT EXTENDERS

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



GEOGRID WALLS

Geogrid is used to reinforce the soil mass behind the MagnumStone® 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 MagnumStone® system is highly cost effective for very tall wall structures. For walls higher than 3.0 ft, 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. MagnumStone's gravity retaining wall extenders offer designers the ability to build taller gravity retaining walls by increasing the wall depth in 2 ft. or 4 ft. increments. Gravity extenders deliver impactful performance while further fortifying retaining wall outside corners.



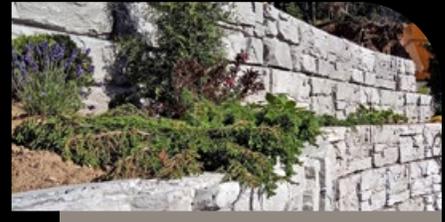
GEOGRID WALLS

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. MagnumStone 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 MagnumStone'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

MagnumStone's hollow core offers internal vertical and horizontal drainage design advantages. This minimizes the effects of hydrostatic pressures behind the wall. MagnumStone's wet-cast units provide durable 4,000 psi (27.5 MPa) concrete that's resistant to freeze-thaw cycles and saturated conditions. MagnumStone blocks are optimal for stormwater management solutions including dry ponds, retention ponds and drainage channels.



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

DESIGN SOFTWARE

The MagnumStone® Wall Designer program is designed with the Engineer in mind. It includes multiple methodologies, MagnumStone® 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.



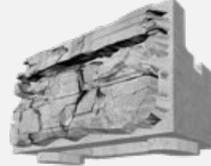
UNIT SPECIFICATIONS



STANDARD
1370 lbs



STANDARD BASE
1345 lbs



STANDARD TOP
1220 lbs



HALF-HIGH
750 lbs



HALF-HIGH BASE
725 lbs



HALF-HIGH TOP
680 lbs



HALF-WIDE
835 lbs



HALF-WIDE BASE
823 lbs



HALF-WIDE TOP
760 lbs



***STANDARD CORNER**
1700 lbs



***BASE CORNER**
1675 lbs



***TOP CORNER**
1500 lbs

Height	24"
Depth	24"
Face Width	48"
Back Width	39"
Face Area	8 sq ft
Setback	2.4°

Height	12"
Depth	24"
Face Width	48"
Back Width	39"
Face Area	4 sq ft
Setback	2.4°

Height	24"
Depth	24"
Face Width	24"
Face Area	4 sq ft
Setback	2.4°

Height	24"
Depth	23"
Face Width	47"
Face Area	12 sq ft
Setback	2.4°

*Corner units available in left/right



2 SIDED FREESTANDING
900 lbs

Height	12"
Depth	26"
Width	48"



3 SIDED FREESTANDING
900 lbs

Height	12"
Depth	26"
Width	48"



2FT EXTENDER
520 lbs

Height	24"
Depth	24"
Back Width	30"



4FT EXTENDER
820 lbs (372 kgs)

Height	24"
Depth	48"
Back Width	30"



CORNER/END
340 lbs

Height	24"
Depth	8"
Top Width	2"
Bottom Width	4"



HALF-HIGH CORNER/END
170 lbs

Height	12"
Depth	9"
Top Width	3"
Bottom Width	4"



STEP/CAP
580 lbs

Height	6"
Depth	24"
Width	48"

FULL SPECIFICATIONS

A full list of specifications can be found on: magnumstone.com



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

© Copyright CornerStone® Wall Solutions Inc. All Rights Reserved. | More information can be found at magnumstone.com



LEE | **BUILDING PRODUCTS™**

SCAN
HERE




FIND MORE INFORMATION AT LEEBP.COM

FOR OUR LOCATIONS

Photos: Masters Concrete Products, Barkman Concrete, Cirtex, SLN Contracting

© Copyright CornerStone® Wall Solutions Inc. All Rights Reserved. | More information can be found at magnumstone.com

