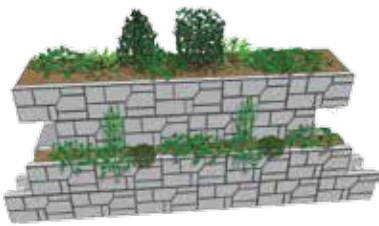
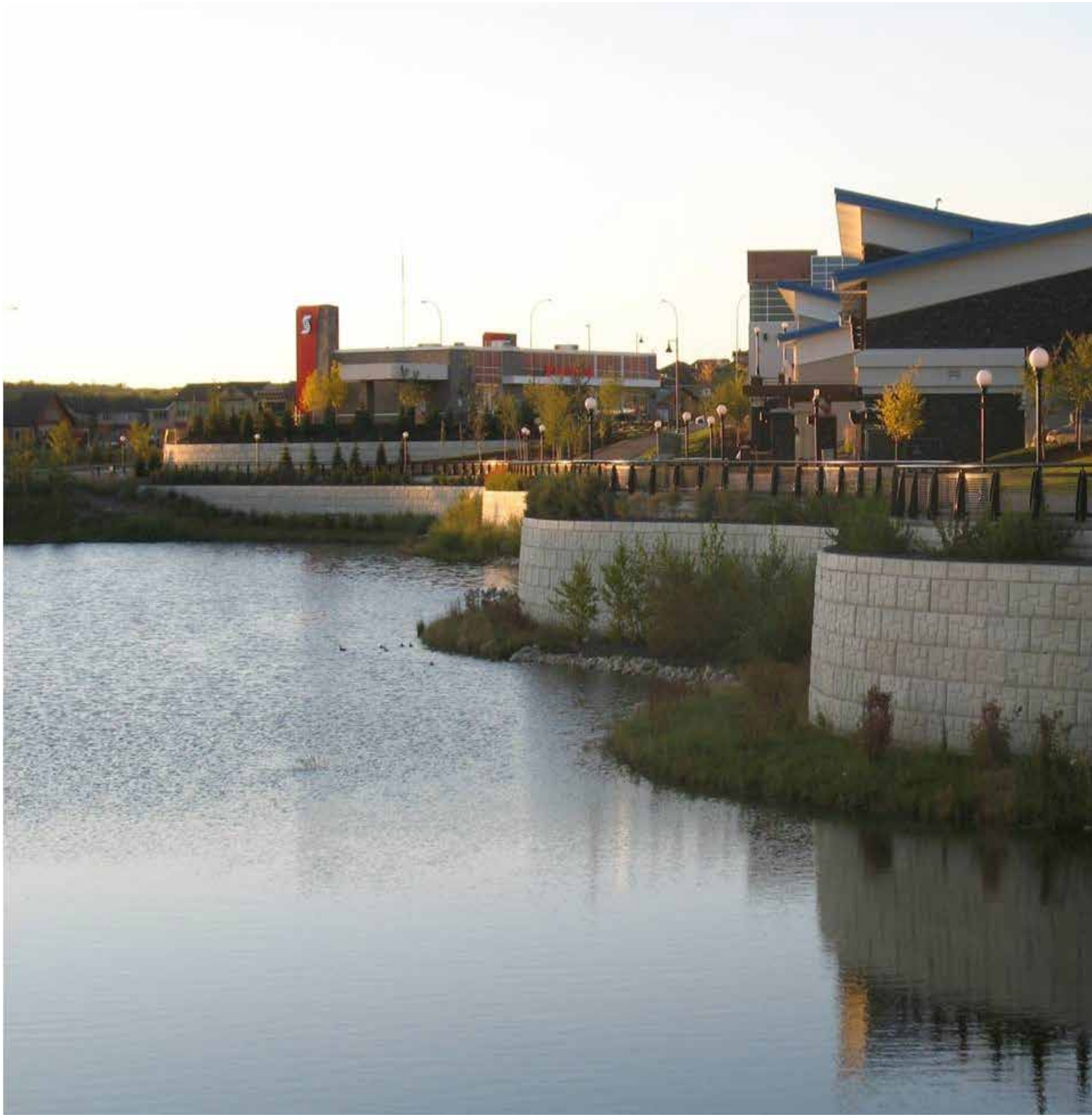


MagnumStone™

Retaining Wall

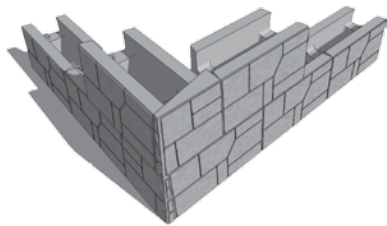
masonry.
style and
function



Green Plantable Wall



Fence Posts



Outside Corner

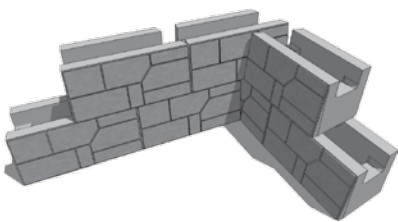


The Design Advantage

The MagnumStone™ retaining wall system was developed with the engineer, designer and installer in mind. MagnumStone's durable, high strength concrete SecureLugs fit into the lower unit's hollow core, allowing significant lateral movement without losing the unit interlock.

The wet-cast manufacturing process provides the units with high strength, low absorption and great freeze/thaw results. Tapered sides make it easy to build tight curves and straight walls with complete accuracy.

The MagnumStone's vertical and horizontal hollow core, filled with clear crushed gravel, provides added weight, an excellent wall drainage system and a superb connection with the geosynthetic reinforcements.



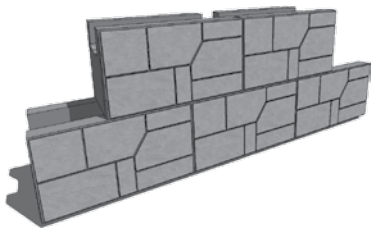
Inside Corner



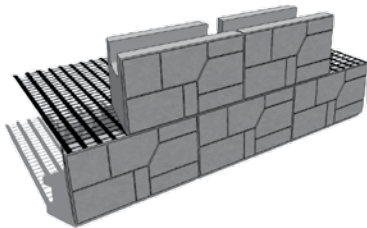
Outside Curve



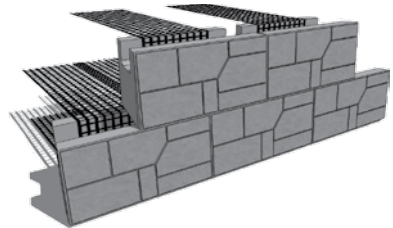
Inside Curve



Gravity Wall



Geogrid Wall



Positive Connection

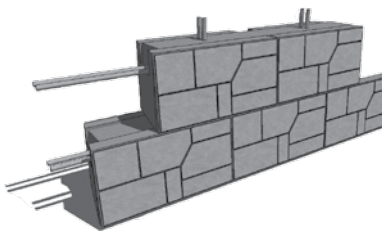


The Installation Advantage

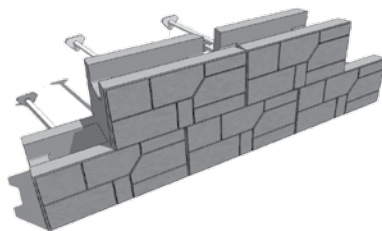
The hollow core design reduces the unit weight, making it easy to handle for any small or large type of machinery. The patented SecureLug, tapered sides, 0.74 square metre face and light weight MagnumStone™ system out performs the old traditional wall methods, speeding up installation time and reducing costs considerably.

A MagnumStone™ installation crew can construct 80 to 150 square metres of wall units per day, making this one of the quickest and easiest wall systems to build.

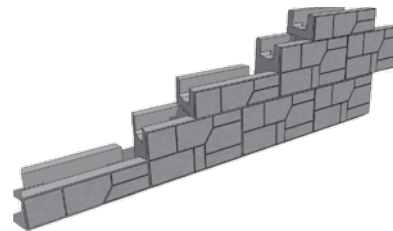
The unique hollow core design makes the MagnumStone™ system easy to assemble and disassemble when building temporary wall projects. The flexibility and ease of installation provides the end user with many options to solving nearly any wall problem.



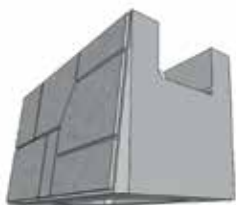
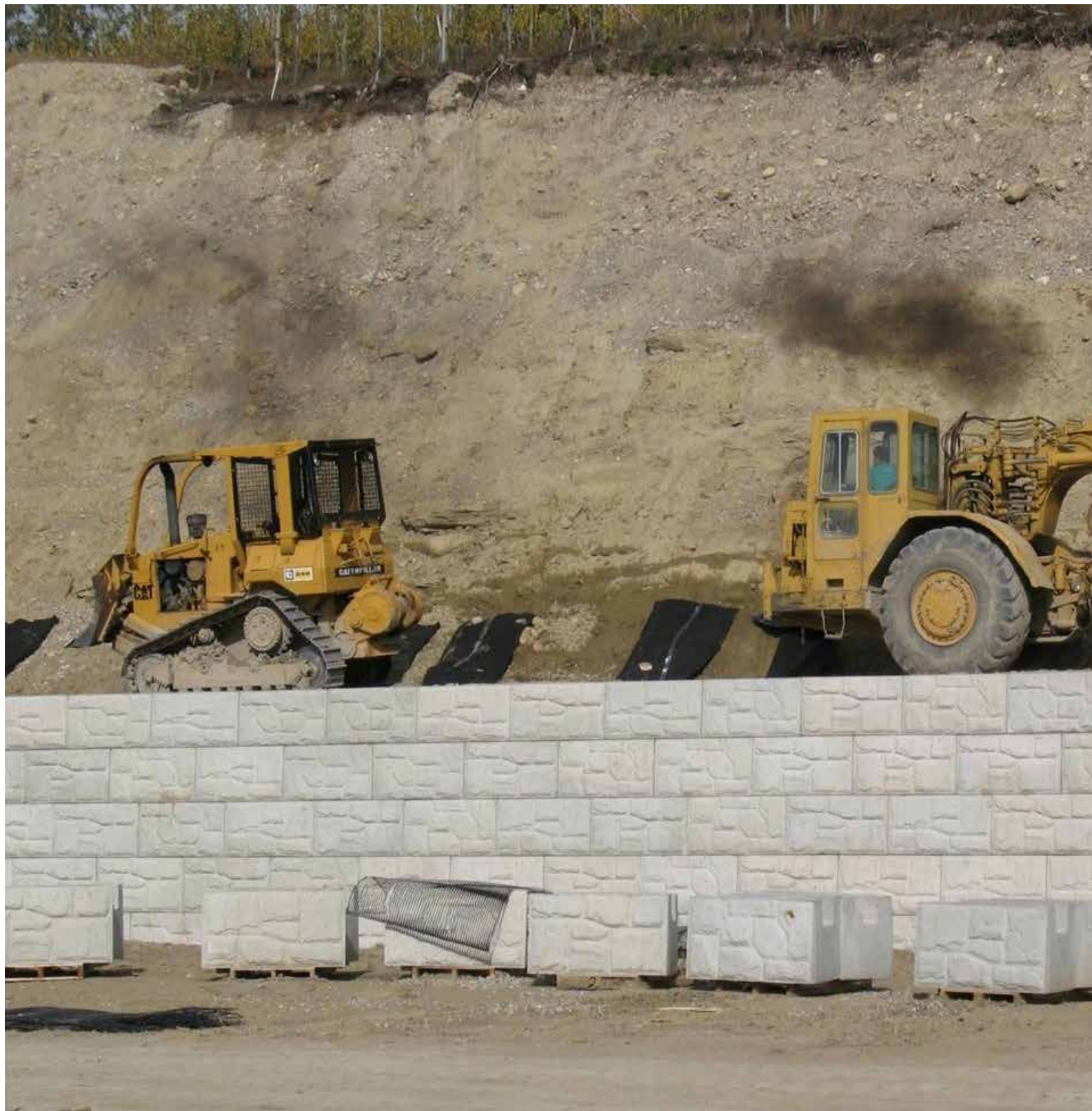
Steel/Concrete Wall



Soil Anchoring



Wall Step Up



Standard Base Unit



Standard Unit



Standard Top Unit

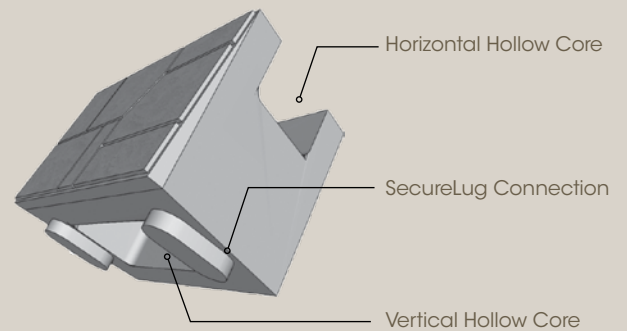


Half High Base Unit



The Economic Advantage

MagnumStone™ units can be loaded and unloaded two at a time, quickly and easily. This means fewer trucks to manage, reduced labor and a reduction in fuel consumption compared to typical solid systems. Fewer trucks on the road and project site will reduce the potential for project delays.



Standard Unit specifications

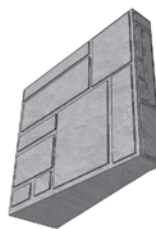
Dimensions	1219mm W x 609mm H x 609mm D
Face Area	0.745 m ²
Volume of Voids	0.180 m ³
Unit Weight	621 kgs
Gravel Filled Weight	975 kgs
Batter/Setback	4.5° 5 cm/Unit & vertical option available.



Half Height Standard Unit



Half Height Top Unit



Corner/End Unit

Austral Masonry Head Office New South Wales

44 Clunies Ross Street
Prospect NSW 2148
PO BOX 6137
Seven Hills NSW 2147

Tel. +61 2 9840 2333
Fax. +61 2 9840 2344
Email. sales@australmasonry.com.au

Trading hours

For trading hours please visit www.australmasonry.com.au

Architec™ Designer Masonry Additional Information

Block Laying

Masonry walls are to be constructed in accordance with AS3700:2011.

Stock Colours and Textures

Lead times apply to all coloured blocks. Longer lead times apply to Honed, Polished and Shot-Blast finishes as the product must be cured for four weeks to harden sufficiently before processing. Austral Masonry recommends part size blocks are cut/bolstered on site to maintain colour consistency.

Textures

Finishes including Honing, Polishing and Shot-Blasting are produced on a 'made to order' basis. Lead times apply as the product must be cured for four weeks to harden sufficiently before processing. Contact your nearest Austral Masonry office for approximate lead times and premiums on special textured finishes. Architec™ is available standard with one face. Additional faces can be 'made to order' on honed, polished, and shot blast finishes. A surcharge may apply. Not all finishes are available in all regions.

Colour and Texture Variations

The colours shown in this brochure are provided as an indication of the colours and textures available. Some variations in colour may occur due to changes in raw materials. In addition variation can occur between production batches.

Brochure Colours

The printed colours in this brochure are only a guide. Please ask to see a sample of your chosen colour/texture before specifying or ordering.

Construction Notes

1. Blocks must be kept dry on site before use and when laid.
Freshly laid walls must be covered overnight and when rain interrupts work in order to prevent moisture entering the cores of the blocks.
2. Do not put mortar on the web of the blocks.
3. Ensure that perpends are buttered on each side with a void in the middle.
The mortar joints should be well ironed to provide a tight sealed joint.
4. Ensure mortar smears are removed before mortar sets as acid cleaning later can discolour the masonry and damage the masonry.
5. It is important that retaining walls have good drainage behind the wall and waterproofed.
6. For non-grouted masonry, a horizontal weep hole at the floor joint of each core should be provided to drain water that may be trapped inside the blocks. Partially fill the bottom course blocks with 20mm blue metal or similar drainage material to prevent mortar droppings from blocking the weep holes.



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