DIMENSIONAL

FEATURES

- Perfect for small garden and freestanding walls, custon bar and grill units, edging, columns and more
- Small and lightweight units for easy stacking
- Natural stone texture on four sides
- Wedge units for curved walls and edging

Notes:

*Colors & product availability vary by region.

STRAIGHT PALLET

Weight:	±2,100 lb (±953 kg) (inc. pallet)
Coverage (Retaining):	25 sq ft (7.6 sq m)
Coverage (Freestanding):	25 sq ft (7.6 sq m)
Layers Per Pallet:	5
Section:	sold by the piece

UNIT: STRAIGHT	L x D x H
Dimensions:	12 x 8 x 4 in (305 x 203 x 102 mm)
Weight:	±28 lb (±13 kg)
Units Per Pallet:	75

WEDGE PALLET

Weight:	±2,000 lb (±907 kg) (inc. pallet)
Coverage (Retaining):	33.3 sq ft (10.1 sq m)
Coverage (Freestanding):	27 sq ft (8.2 sq m)
Layers Per Pallet:	5
Section:	sold by the piece

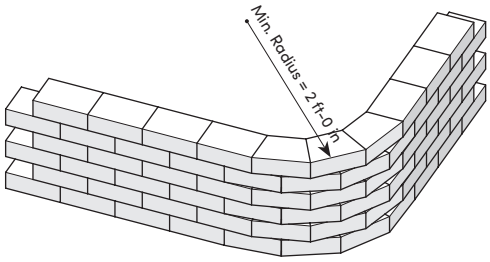
UNIT: WEDGE	L x D x H
Dimensions (Front):	12 x 8 x 4 in (305 x 203 x 102 mm)
Dimensions (Back):	7.5 x 8 x 4 in (191 x 203 x 102 mm)
Weight:	±20 lb (±9 kg)
Units Per Pallet:	100

Actual weight and volumes may vary. Weight shown is based on concrete.

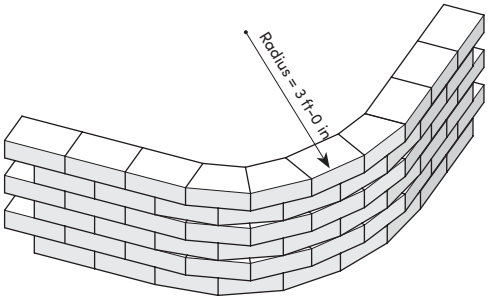
CURVES

The minimum radius using the wedge block without cutting is 2 ft (0.6 m). Wall aesthetics can be improved by using a radius larger than the minimum required.

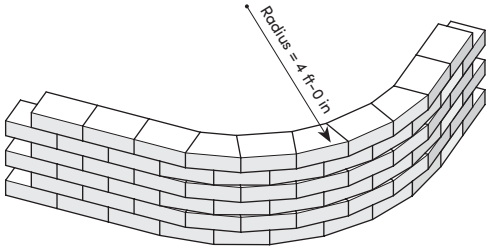
2 ft-0 in (0.6 m-0 mm) Radius
(Wedge Blocks)



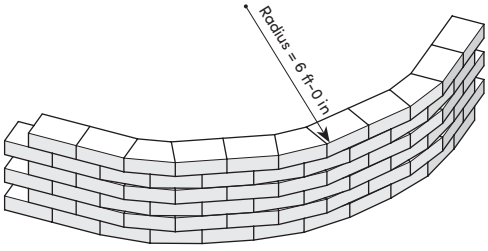
3 ft-0 in (0.9 m-0 mm) Radius
(2:1 Wedge to Straight Blocks)



4 ft-0 in (1.2 m-0 mm) Radius
(1:1 Wedge to Straight Blocks)



6 ft-0 in (1.8 m-0 mm) Radius
(2:1 Straight to Wedge Blocks)

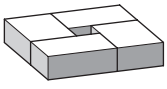


PILLARS

Pillars make wall ends to freestanding walls, formal stair openings, stand-alone monuments, and other areas to enhance your Dimensional project. The basic steps of pillar construction are shown here. Feel free to expand on these ideas and bring your own imagination into creating a custom project.

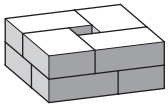
Step 1

Place (4) Dimensional blocks.



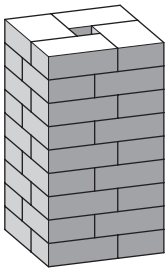
Step 2

Place a second row of (4) Dimensional blocks.



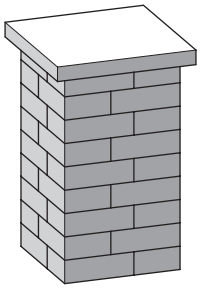
Step 3

Continue with subsequent rows to the desired pillar height. One pallet of corner blocks will create two 20 x 20 x 36 in (508 x 508 x 914 mm) tall column.



Step 4

Place a column cap to finish the pillar. The column cap can be cored as needed for installation of a light.

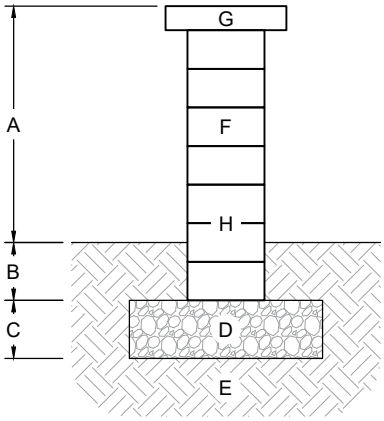


GENERAL NOTES FOR WALL SECTIONS

This page shows typical construction details for Dimensional walls. These drawings are representative of major components required in wall construction. Specific details including geotextile reinforcement layers, drainage details, soil requirements, etc. shall be per engineered design for wall.

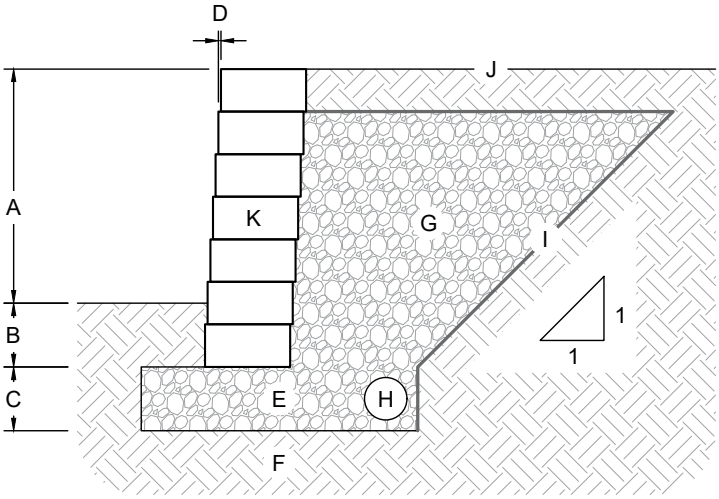
- These drawings are for preliminary reference only (not for final construction).
- Final designs for construction must be prepared by a registered professional engineer using the actual conditions of the proposed site and loads.
- Final wall design must address both internal and external drainage and shall be evaluated by the professional engineer who is responsible for the wall design.

TYPICAL FREESTANDING WALL DETAIL



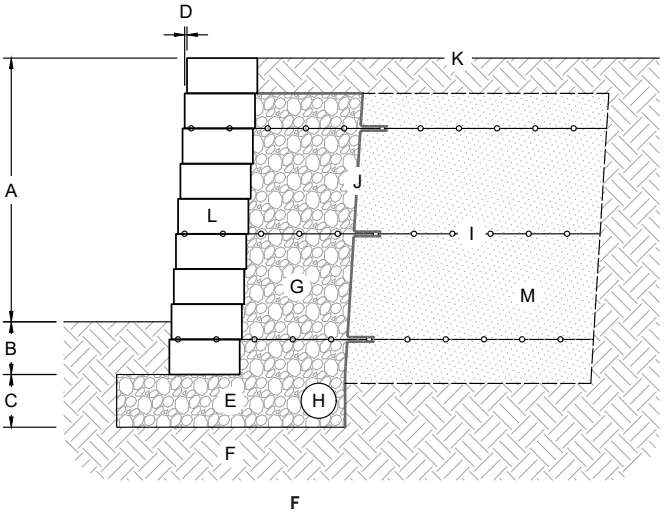
A. Exposed height (varies, max. 24 in (610 mm))
B. Bury depth (min. 6 in (152 mm))
C. Leveling pad depth (min. 6 in (152 mm))
D. Crushed stone leveling pad
E. Foundation soil compacted to 95% max. dry density
F. Wall blocks
G. Coping block
H. Heavy Duty Construction Adhesive or One-Component, High Performance, Elastomeric Polyurethane Sealant required between all blocks and caps

TYPICAL GRAVITY RETAINING WALL DETAIL



A. Exposed height (varies by design), 2 ft (610 mm) max. height without reinforcement
B. Bury depth (varies by design, min. 6 in (152 mm))
C. Leveling pad depth (varies by design, min. 6 in (152 mm))
D. Recommended horizontal setback, 1/4 in (6 mm) (4° batter angle on wall)
E. Crushed stone leveling pad
F. Foundation soil compacted to 95% max. dry density
G. Drainstone (ASTM #57 on 1:1 slope behind wall)
H. 4 in (102 mm) corrugated perforated drain pipe
I. Non-woven geotextile fabric
J. Finish grade to drain away from the wall
K. Wall blocks

TYPICAL REINFORCED RETAINING WALL DETAIL



A. Exposed height (varies by design)
B. Bury depth (varies by design, min. 6 in (152 mm))
C. Leveling pad depth (varies by design, min. 6 in (152 mm))
D. Recommended horizontal setback, 1/4 in (6 mm) (4° batter angle on wall)
E. Crushed stone leveling pad
F. Foundation soil compacted to 95% max. dry density
G. Drainstone (ASTM #57, min. 12 in (305 mm) behind wall)
H. 4 in (102 mm) corrugated perforated drain pipe
I. Geogrid reinforcment (lengths and vertical placement per design)
J. Non-woven geotextile fabric
K. Finish grade to drain away from the wall
L. Wall blocks
M. Reinforced soil compacted to 95% max. dry density

ASP Enterprises | Bowman Construction Supply Inc. | Quick Supply Co. | Cascade GEOSYNTHETICS

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- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics
Composite Geomembranes
- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL
Inlet Protection
- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks
- Triangle Silt Dike
- GeoRidge

Perimeter Protection
- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment
- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers
Dewatering Bags
Trackout Control
- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL
Basic Hydraulically Applied Mulches
- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically Applied Products
- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets
- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets
- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs
- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment
- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT
Water Quality
- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity
- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage
- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures
- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers
- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY
Natural & Synthetic Coir Fiber Logs
Vegetated Reinforced Soil Slopes
Soil Anchors
Root Barrier System
AquaBlok
Muscle Wall

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