



TERRA®
WALL SYSTEM



More Possibilities...Less Effort



StoneTerra Wall System

StoneTerra Wall System® units offer easy-to-build, gravity and MSE retaining walls. Reducing project costs with easy installation, StoneTerra provides a cost-effective option that creates an aesthetically pleasing appearance with an architectural finish.

Block Features and Benefits:

- Inter-locking Blocks
- Easy & Fast Installation
- Set with Small Equipment
- Curved Walls
- Build in Limited Space
- Low Cost
- Gravity or MSE options

Size:

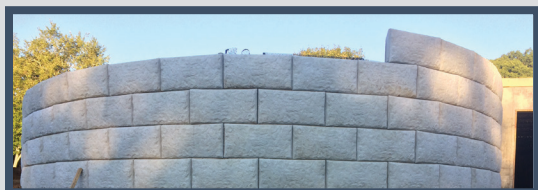
- 24" x 24" x 48" – 1750 lbs.
- 24" x 40" x 48" – 3340 lbs.
- 24" x 48" x 48" – 4010 lbs.
- 24" x 60" x 48" – 5015 lbs.
- 24" x 72" x 48" – 5800 lbs.
- 24" x 84" x 48" – 6600 lbs.

- **Eight square feet of face** -

Lift Provision: A galvanized steel lifting anchor at top center of blocks.

Surface Finish: Quarystone architectural face standard, other finishes available. Exposed face to be free of large imperfections.

Curvature: Eight-foot minimum radius.



Engineering and Installation Services

Each StoneTerra retaining wall must be designed by a licensed engineer with consideration to site conditions.

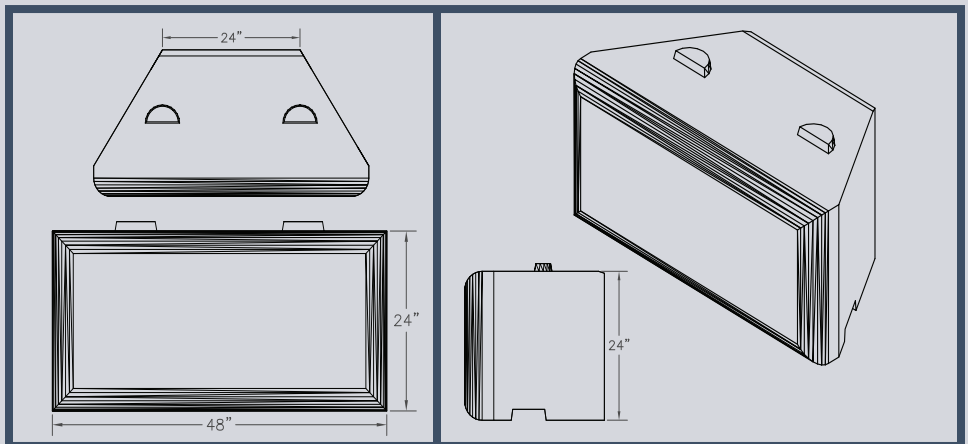
StoneTerra offers many resources for engineers including:

- VDF for SRWall design program
- Ultrawall design software
- Engineering manual
- Connection and Shear test data
- Sample specifications

For each wall, StoneTerra offers proposed wall layouts with estimated block quantities. This is helpful during bidding and approval stages.

To the installer, StoneTerra offers:

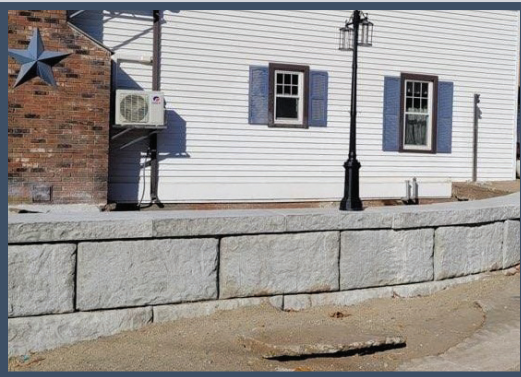
- Proposed layouts/takeoff
- On-site support during installation
- Engineered wall design
- Installation manuals and guidelines
- Durable, reliable and dimensionally accurate products



Material Specifications

Blocks shall have a minimum 28-day compressive strength of 4000+ psi. Air entrainment shall be between 5 – 7% to ensure adequate freeze-thaw durability.

- Aggregates used in blocks meets ASTM C-33 standard.
- Cement used in blocks ASTM C150 III.
- Admixtures are consistent with ASTM C-494 and ASTM C-260.
- Materials, manufacturing and testing methods meet or exceed ASTM C-1776.
- Blocks are produced using first-purpose concrete, never “waste” concrete.



Product Specifications

Block units shall be StoneTerra Retaining Wall units as produced by a licensed manufacturer. Full, standard grade StoneTerra blocks shall weigh at least 1700 lbs. and have consistent measure of 24" tall x 48" wide. Block depths will vary depending on wall design. Blocks shall be of the interlocking design. Full StoneTerra blocks shall have two round columnar male keyways equidistant from the ends and sides to provide maximum shear capacity. The blocks have a male key / female combination that allows for built-in interlock. Keyway system automatically establishes appropriate setback/batter of 1" per course. StoneTerra units shall maintain height and width tolerances within 3/16".

Blocks shall be manufactured with an architectural face as required by project specifications. Color of the units shall be concrete gray. A concrete stain may be applied after installation, if specified.

Each StoneTerra block shall be furnished with a galvanized lift hook located in the center of the block relative to the center of mass.

If required, StoneTerra shall offer the services of a field representative to assist the contractor in the startup of the project. Installation shall be in accordance with the manufacturer's installation guidelines and engineered wall design.

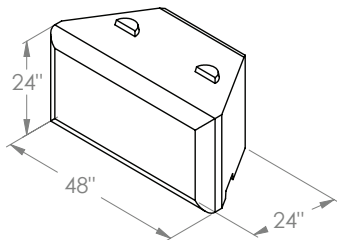


StoneTerra Block Series I

FULL BLOCK

WEIGHT = 1750 Lb (794 Kg)

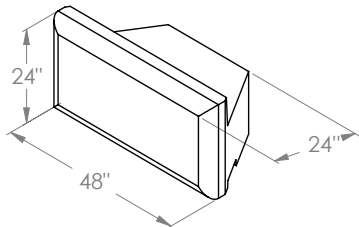
OVERALL = 24 X 24 X 48 in



FULL BENCH

WEIGHT = 1375 Lb (623 Kg)

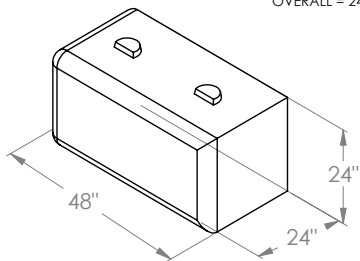
OVERALL = 24 X 24 X 48 in



FULL CORNER

WEIGHT = 2300 Lb (1043 Kg)

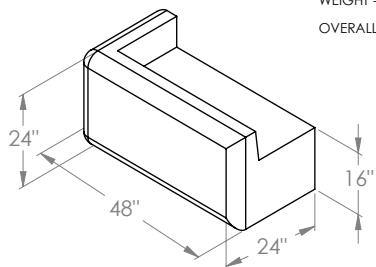
OVERALL = 24 X 24 X 48 in



FULL BENCH CORNER

WEIGHT = 1800 Lb (816 Kg)

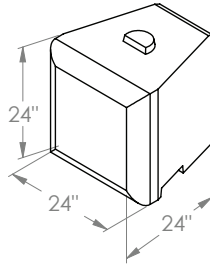
OVERALL = 24 X 24 X 48 in



HALF BLOCK

WEIGHT = 905 Lb (411 Kg)

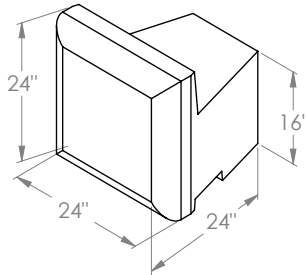
OVERALL = 24 X 24 X 24 in



HALF BENCH

WEIGHT = 695 Lb (315 Kg)

OVERALL = 24 X 24 X 24 in

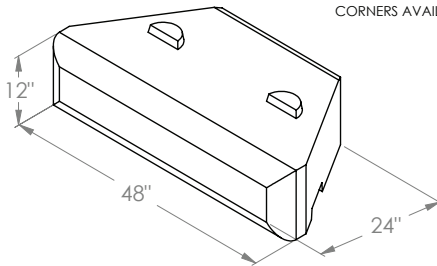


12-INCH BLOCK

WEIGHT = 875 Lb (397 Kg)

OVERALL = 12 X 24 X 48 in

CORNERS AVAILABLE

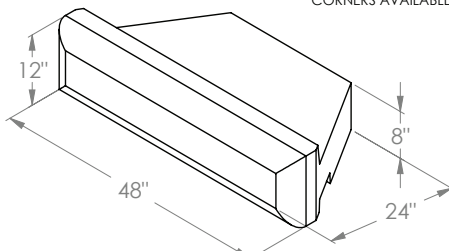


12-INCH BENCH

WEIGHT = 660 Lb (300 Kg)

OVERALL = 12 X 24 X 48 in

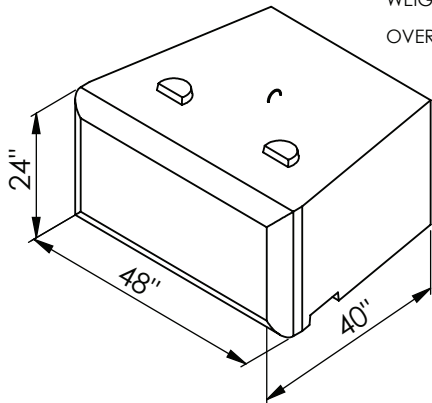
CORNERS AVAILABLE



StoneTerra Block Series II

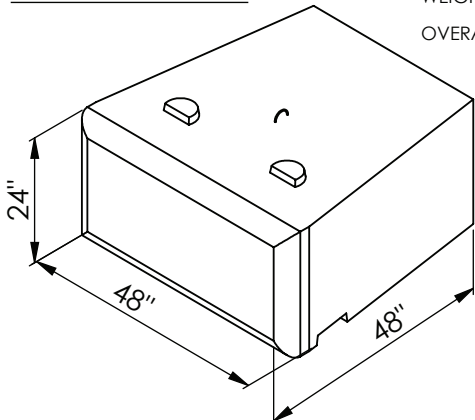
FULL 40" BLOCK

WEIGHT = 3340 Lb (1518 Kg)
OVERALL = 24 X 40 X 48 in



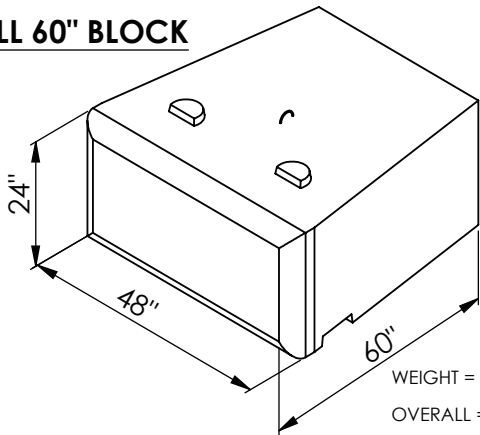
FULL 48" BLOCK

WEIGHT = 4010 Lb (1823Kg)
OVERALL = 24 X 48 X 48 in



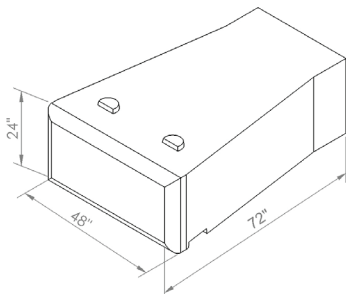
FULL 60" BLOCK

WEIGHT = 5015 Lb (2280Kg)
OVERALL = 24 X 60 X 48 in



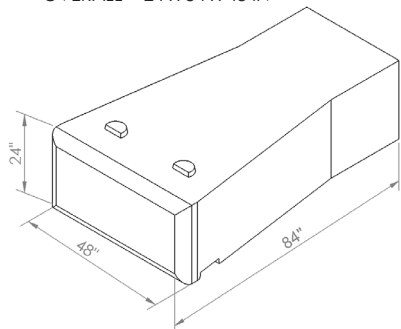
FULL 72" BLOCK

WEIGHT = 5800 LBS.
OVERALL = 24 X 72 X 48 IN



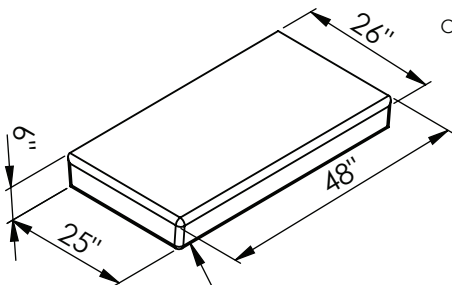
FULL 84" BLOCK

WEIGHT = 6600 LBS.
OVERALL = 24 X 84 X 48 IN



6" CAP/TREAD

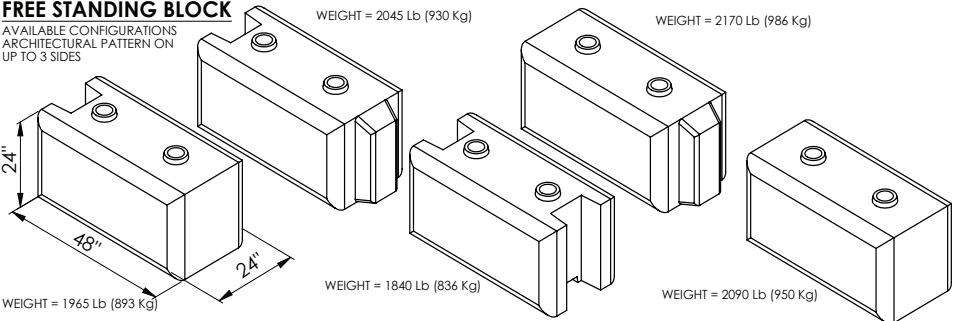
WEIGHT = 600 Lb (120 Kg)
OVERALL = 6 X 48 X 24 in



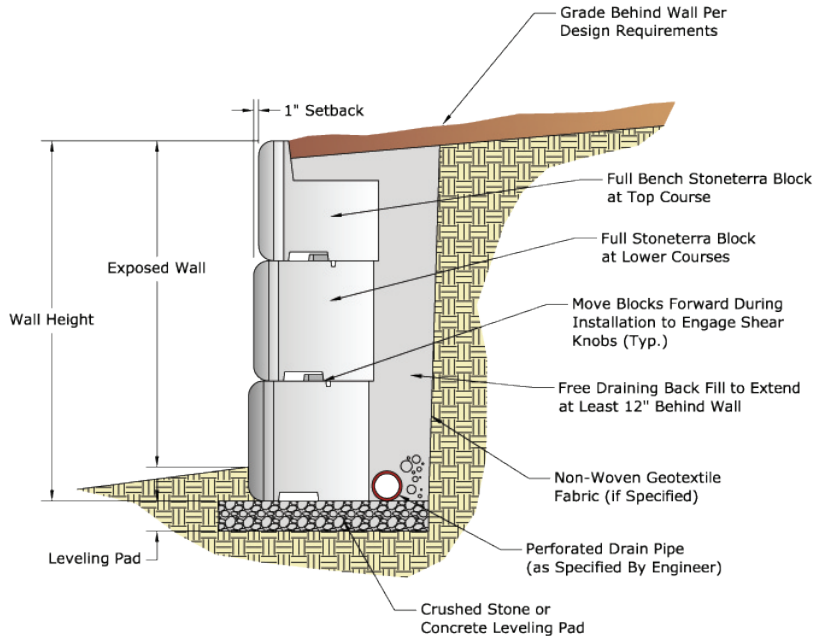
Cap may have up to 3 architectural faces

FREE STANDING BLOCK

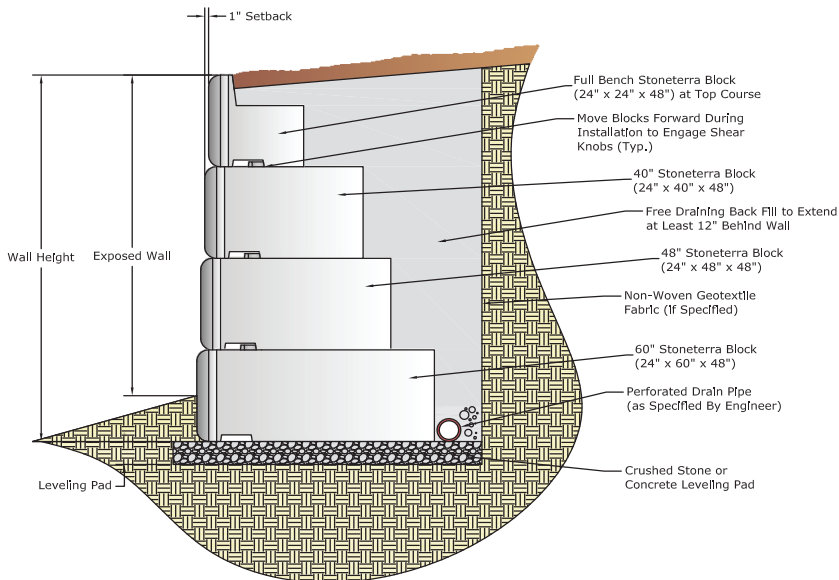
AVAILABLE CONFIGURATIONS
ARCHITECTURAL PATTERN ON
UP TO 3 SIDES



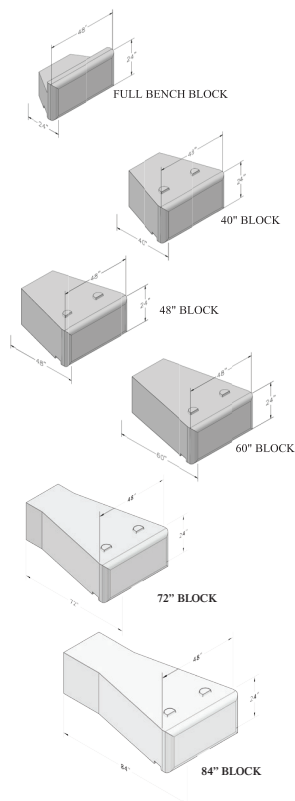
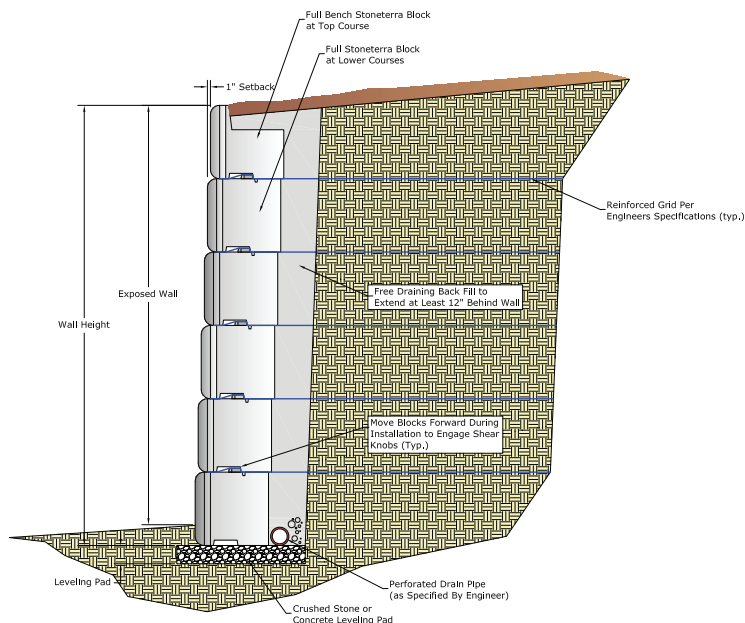
Sample 6' Gravity Wall



Sample Tall Gravity Wall



Sample Geogrid Reinforced Wall



"Build even taller reinforced walls"





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