

# Installation Manual



Basic installation guidelines for Rockwood's StoneHedge® freestanding wall systems.



*Appearance*  
*Dependability*  
*Efficiency*

**ROCKWOOD®**  
**RETAINING WALLS**  
*A better way.™*

# StoneHedge® 6 and 8 Freestanding Walls



**ROCKWOOD®**  
RETAINING WALLS  
*A better way.™*

## StoneHedge® Blocks

Unit availability, color and specifications vary by manufacturer. Please contact your nearest Rockwood manufacturer or dealer for more information.



**StoneHedge 6**  
**Size:** 6" H x 18" W x 10" D  
**Weight:** 64 lbs.



**StoneHedge 8**  
**Size:** 8" H x 18" W x 10" D  
**Weight:** 84 lbs.

## Tools and Materials You Will Need

- Base Material** ..... 3/4" aggregate with fine
- Drainage Rock** ..... 3/4" to 1" clean aggregate
- Hammer and Chisel** ..... For splitting units
- Masonry Saw** ..... For cutting units
- String Line** ..... Use to align units
- Level** ..... To insure first course is level, front-to-back and side-to-side
- Shovel** ..... Excavation
- Tamper** ..... Compaction
- Super-Stik™ Adhesive** ..... To secure split and cut units
- Rubber Mallet** ..... For leveling block
- Gloves** ..... Protective hand-wear for positioning block
- Safety Glasses** ..... Protective eye-wear when splitting block

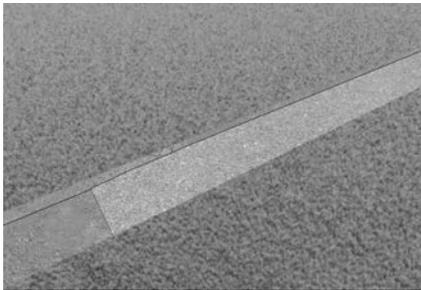


# Four Basic Steps



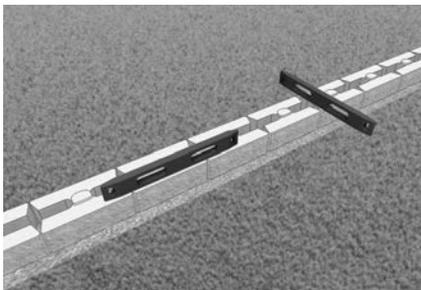
## Step 1 - Dig the Foundation

For a freestanding wall, excavate a trench that is 12" deep and 22" wide to accommodate a 6" depth of base material and the base course. Compact the base material and level with a tamper.



## Step 2 - Install the First Course

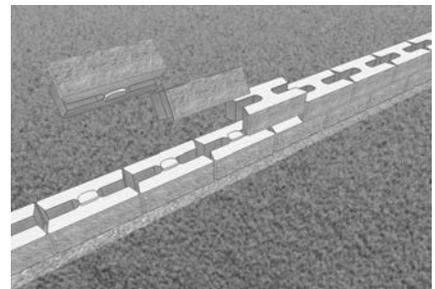
Set and level each unit of the base course (with the Anchor Bar facing up) front-to-back and side-to-side across three-blocks. A string line may be used to align the base units.



Allow for 6" of base material both in front and behind the base course.

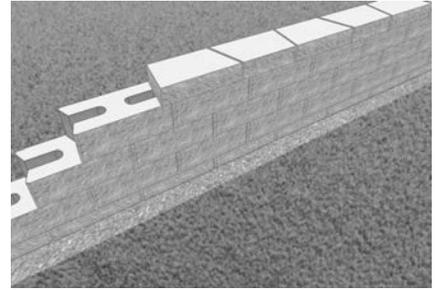
## Step 3 - Add More Courses

When building successive courses, center the first block on the two blocks directly below it. After installing the base course, the Anchor Bar will need to face down on each succeeding course.



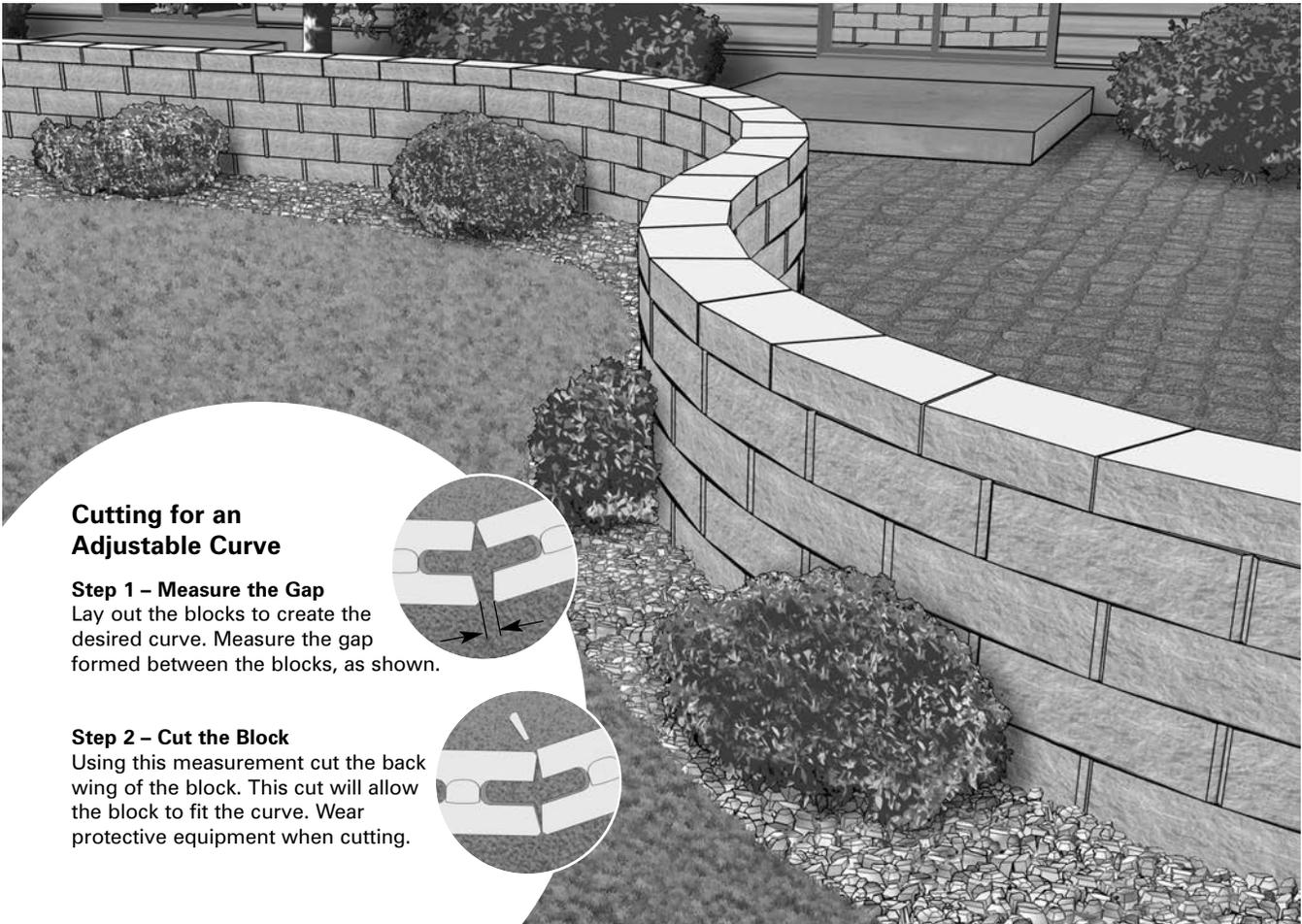
## Step 4 - Finish the Installation

Position the Universal Caps and adhere in place with Super-Stik™ adhesive. Do not exceed a maximum height of 4' without consulting an engineer.



*Note: Maximum height may be increased with unit infill, grout or post tension.*

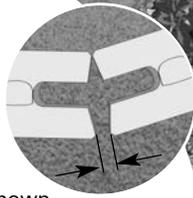
# Creating Curves



## Cutting for an Adjustable Curve

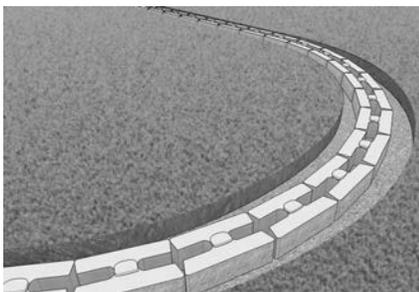
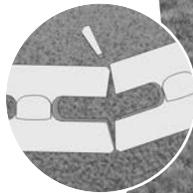
### Step 1 – Measure the Gap

Lay out the blocks to create the desired curve. Measure the gap formed between the blocks, as shown.



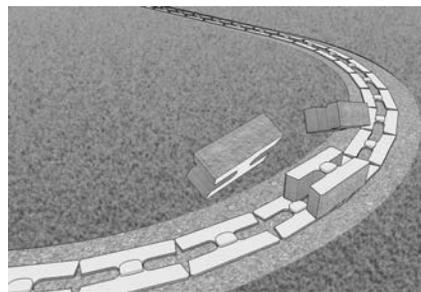
### Step 2 – Cut the Block

Using this measurement cut the back wing of the block. This cut will allow the block to fit the curve. Wear protective equipment when cutting.



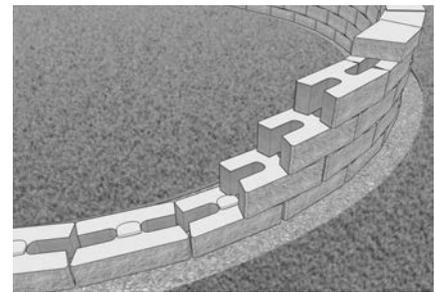
## Step 1 - Base Course Preparation

Place the units on the leveling pad so there are no gaps between the blocks. To cut blocks for a curve refer to the instructions above.



## Step 2 - Successive Course Installation

When building multiple courses on a curve, begin installation with a block in the middle of the curve, that is centered on two blocks directly below it. Build the wall from the center block out, in both directions.



## Step 3 - Finishing a Curve

Cut and place the Universal Caps to follow the contour of the curve. Adhere cap units in place with Super-Stik™ adhesive. Wear protective equipment when cutting the Universal Caps.

# Creating Corners

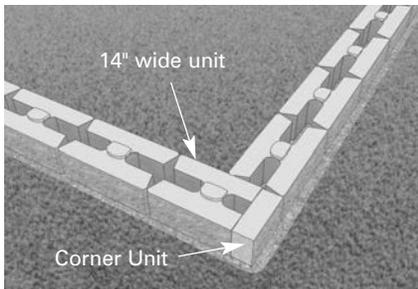


## Creating a Corner Unit

Separate the two split faces in the middle. Using one face unit, split on both sides so a middle section of the block remains that is 10-1/2" in width. Wear protective equipment when splitting.

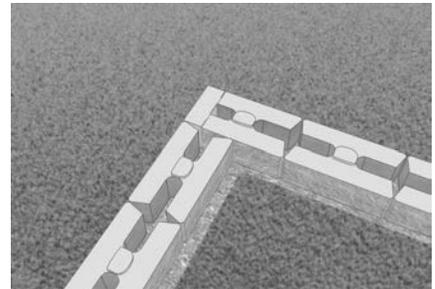
## Step 1 - Establishing an Outside Corner

Place a Corner Unit in the corner with the face of the block exposed. Cut the ends of a whole unit on one side, so the block measures 14" in width. This block will be placed next to the Corner Unit, on the corner.



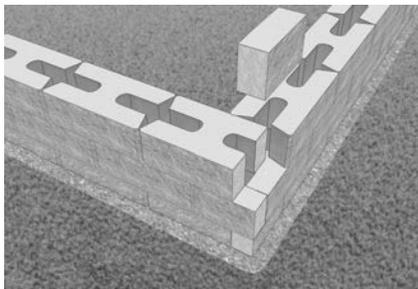
## Step 1 - Establishing an Inside Corner

Using a Corner Unit, begin the installation from the lowest point at grade and work from the corner out.



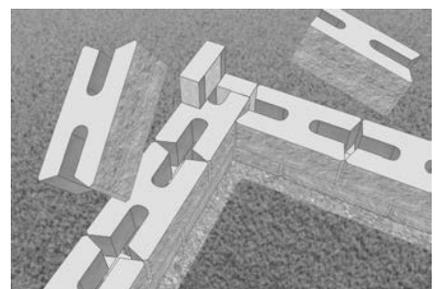
## Step 2 - Add More Courses

Alternate the direction of the Corner Unit as each succeeding course is installed.

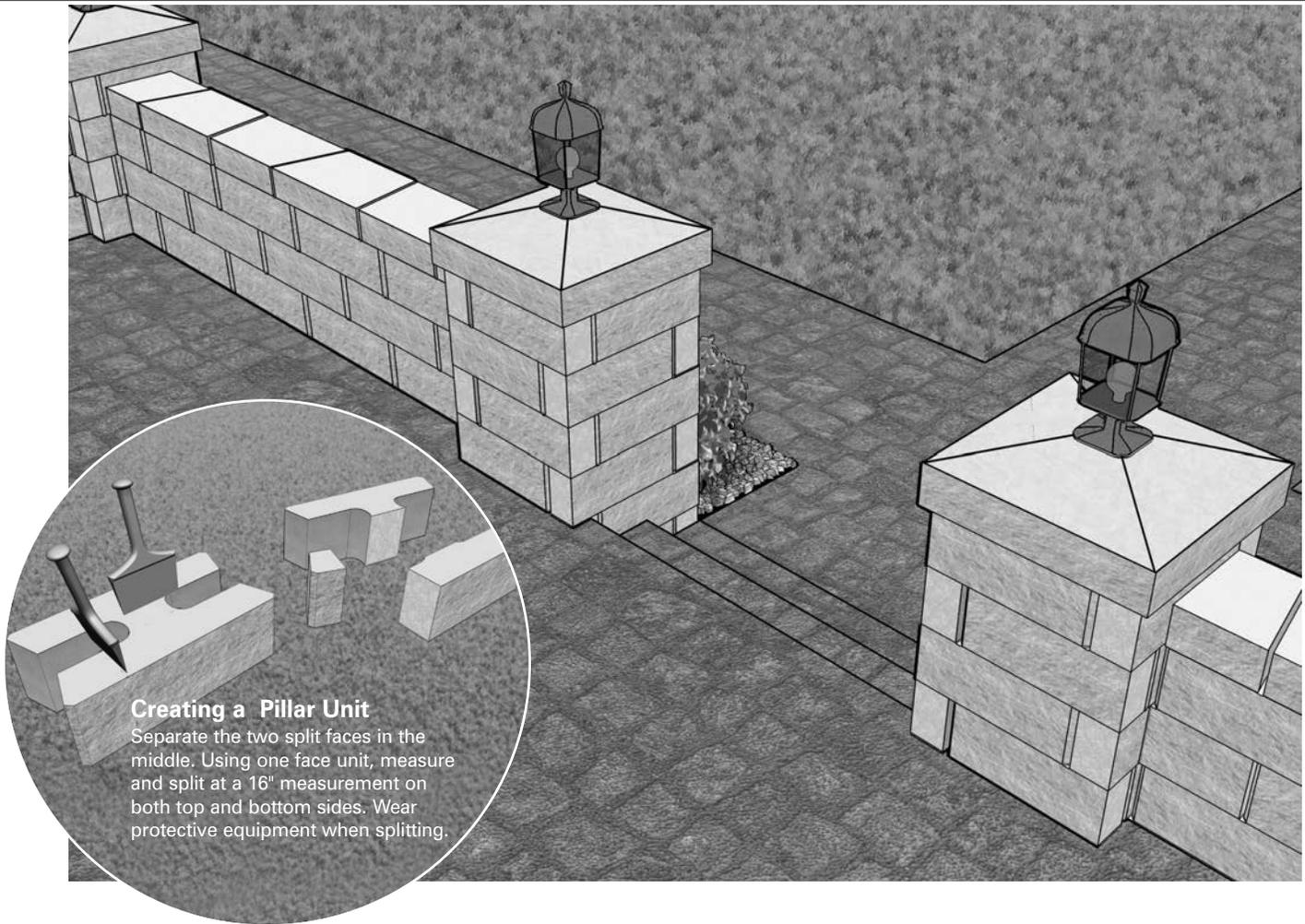


## Step 2 - Add More Courses

Alternate the direction of the Corner Units as each consecutive course is installed.

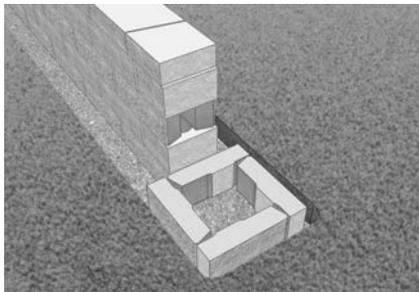


# Creating Pillars



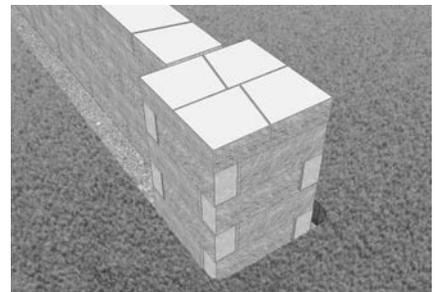
## Step 1 – Establishing the Pillar

Lay the first four Pillar Units to create the foundation and base course of the pillar.



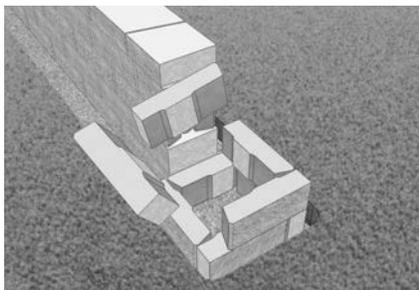
## Step 3 - Universal Cap

Split four Universal Caps and centered on the pillar as shown. Adhere in place with Super-Stik™ adhesive.



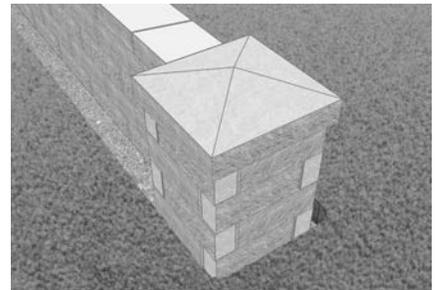
## Step 2 - Add More Courses

Stagger the direction of each additional course as shown and secure each block with Super-Stik™ adhesive.

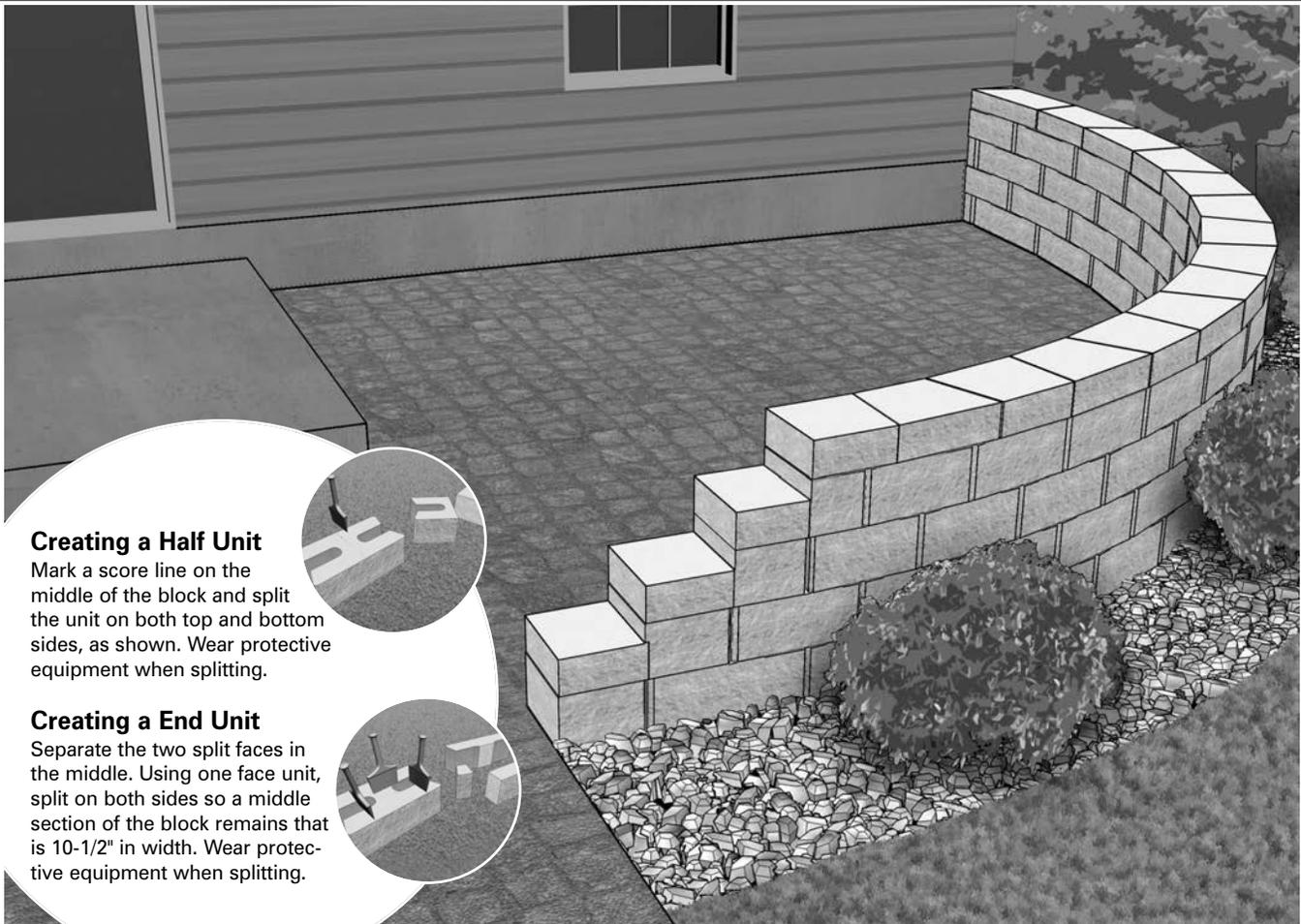


## Optional - Coping Cap

Position the coping cap so it is centered on the pillar. Adhere in place with Super-Stik™ adhesive.



# Finishing a StoneHedge Wall



## Creating a Half Unit

Mark a score line on the middle of the block and split the unit on both top and bottom sides, as shown. Wear protective equipment when splitting.

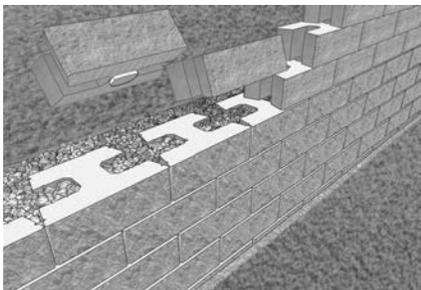
## Creating an End Unit

Separate the two split faces in the middle. Using one face unit, split on both sides so a middle section of the block remains that is 10-1/2" in width. Wear protective equipment when splitting.

## Integration with a Classic 6® Wall

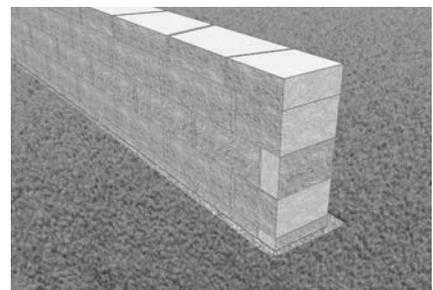
StoneHedge® easily integrates with an existing Classic 6® wall. Install the StoneHedge units on top of the course of Classic blocks, with the Anchor Bar facing down to accommodate Universal Caps.

Adhere the first course of StoneHedge that is freestanding with Super-Stik™ adhesive.



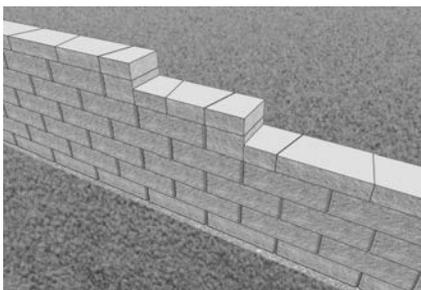
## End Wall Installation

Create an End Unit and place a whole block that has been cut to a 14" width, next to it. Alternate each course with a Half Unit as each succeeding course is installed. Secure End Units with Super-Stik™ adhesive.



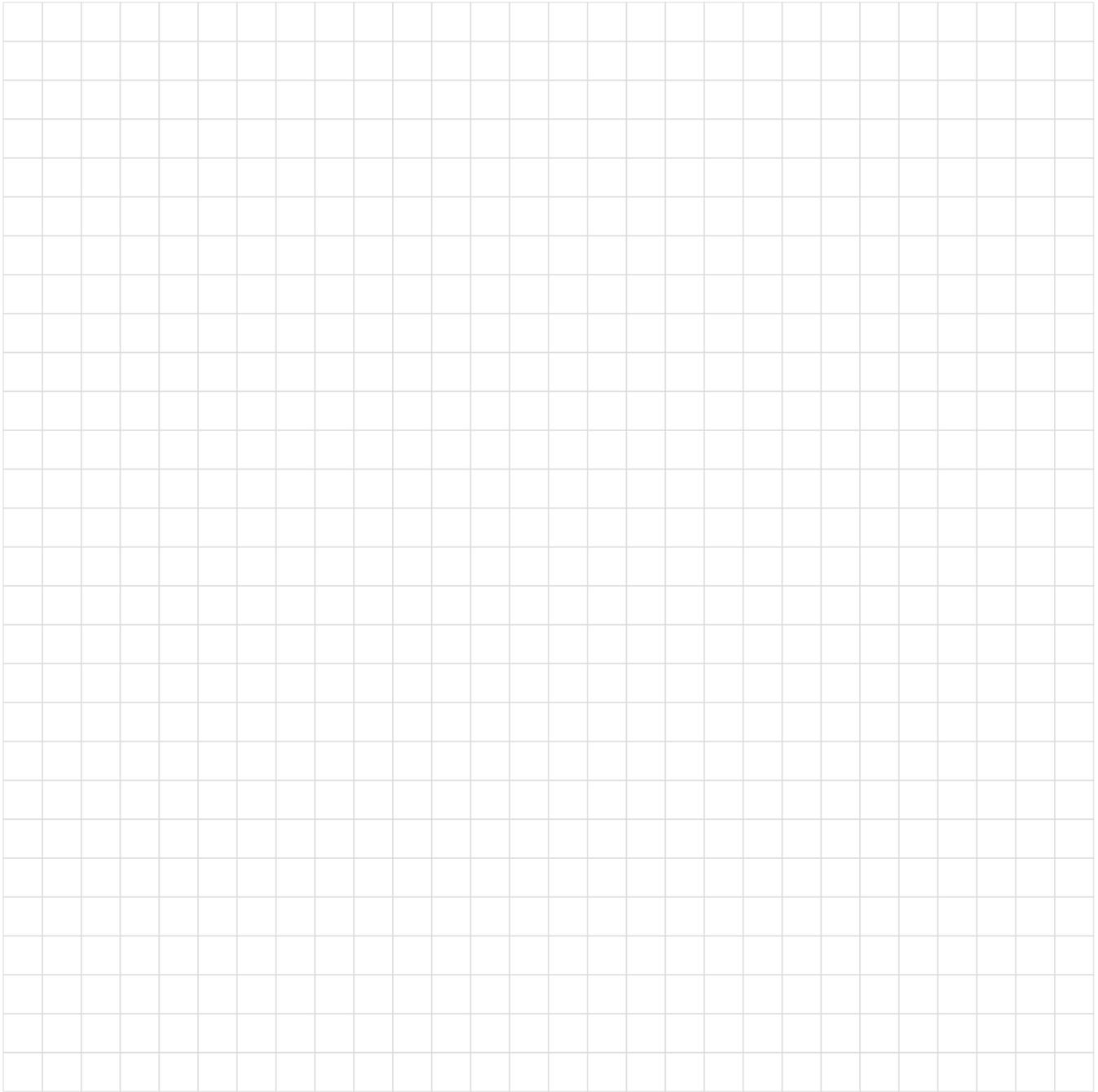
## Stepping

Create a Half Unit StoneHedge block to end a course. Use Universal Caps to cap your StoneHedge wall.



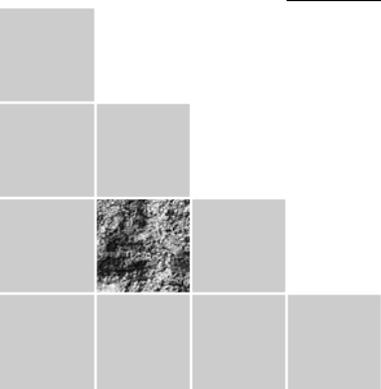
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For planning/sketching your Rockwood wall.



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**Wichita, KS** 316.393.1554

**Denver, CO** 303.696.8960  
**Colorado Springs, CO** 719.257.7840  
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### SEDIMENT CONTROL

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- 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

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

### SPECIALTY

#### Natural & Synthetic Coir Fiber Logs

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#### Soil Anchors

#### Root Barrier System

#### AquaBlok

#### Muscle Wall

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