AFFINITY
STONE SIDING

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Installation Guide



AFFINITY STONE SIDING

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AFFINITY STONE SIDING

Welcome



Introduction

Affinity Stone panels make installation simple, without mortar, and without hassle. The ease of installation and impeccable results make Affinity a must for your next building project. Our easy-fit stone panels interlock for a smooth, secure fit.

QUALITY. INSTALLATION. RESULTS.

REFERENCE

Affinity Stone Components



Starter Strip

2.25″ X 120″

The function of the starter strip is to hold the bottom of the stone panel on the first course tight to the wall. It is non-load bearing. The nailing strip at the top of the stone panel bears the weight of the stone.



Affinity Stone Panel

FLAT

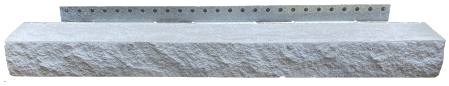
The ‘Flat’ Affinity Stone panel is designed for the main field of stone.



Affinity Stone Panel

CORNER

The ‘Corner’ Affinity Stone panel is designed for wrapping around corners or anywhere the side of the panel is exposed. There is texture detail and grout lines on the sides of this panel.



Wainscot Cap

23.5 X 2.75″ · NAILING STRIP ON TOP

Traditional installation of stone panels, then wainscot cap, then siding.



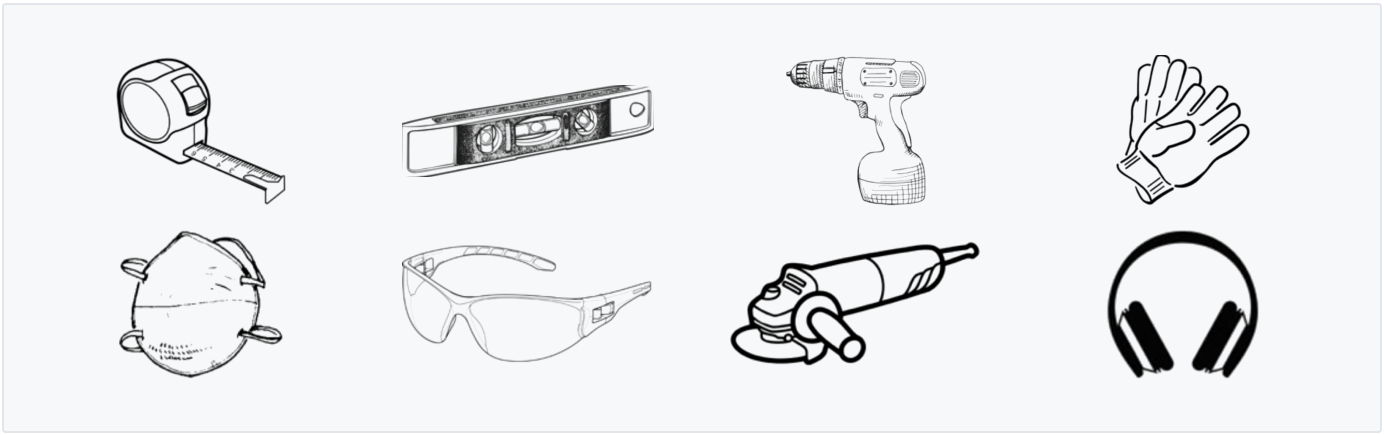
Wainscot Cap

23.5 X 2.75″ · NAILING STRIP ON BOTTOM

Installed where there isn’t room for the nailing strip on top such as under windows. These are installed before the stone panels and then the panels are cut to height and slid in under the wainscot cap.

BEFORE YOU BEGIN

Tools Required



You will need a level, chalk line, screw gun, masonry saw, dead blow hammer, straight edge, hammer, and safety equipment.

Jobsite Preparation

- Water Resistive Barrier (WRB) – one layer of Grade D building paper is required.
- Flashing materials must be present at all terminations, penetrations, and material transitions.

CHECK FIRST

Be sure to check with local building codes before beginning.

Wall Types

FASTENING

Be sure to use a minimum of 2 screws per panel, 1 into framing member. If you can't screw into a stud, use 3 screws per panel.

STANDARD FRAMED WALL

- Use 1/2" plywood or 7/16" OSB
- Use corrosion resistant self tapping wood screws

CONCRETE WALL

- Use corrosion resistant self tapping concrete screws into pre-drilled holes

BEFORE YOU BEGIN

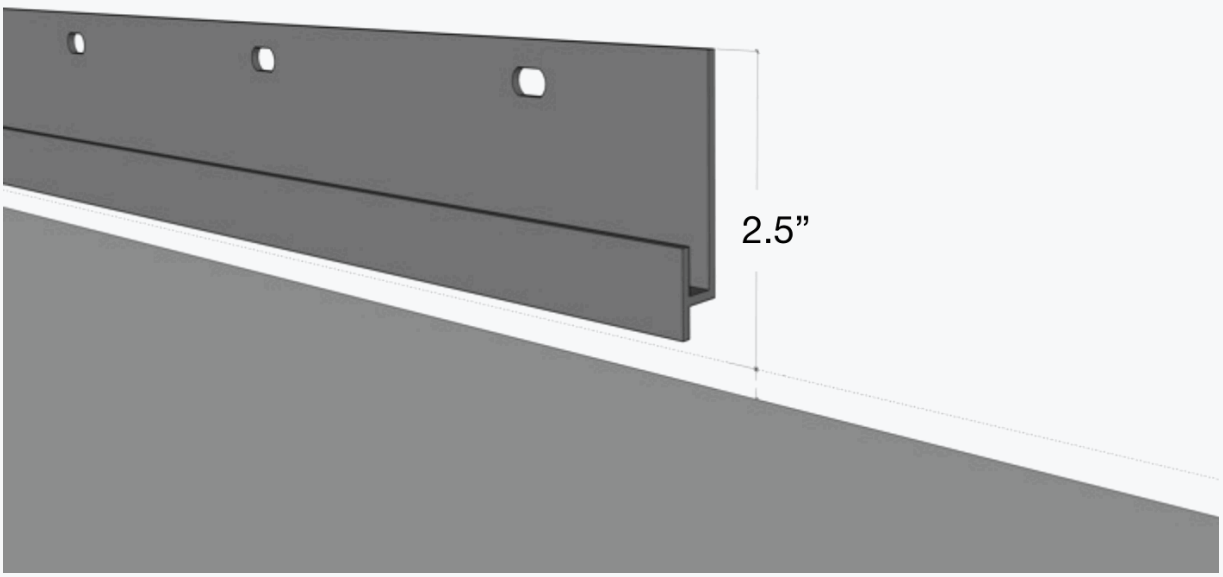
Plan Ahead

- Chalk horizontal lines every 2 - 3 feet to be used as a reference ensuring your installation is running level.
- Stone must be installed a minimum of 4″ above ground or 2″ above concrete or asphalt.
- When applicable, it's recommended to consider starting installation at the outside corner of highest visibility on the project. Work your way away from this corner in each direction.
- Do not use any partial panels shorter than 8″

INSTALLATION

Installing the Starter Strip

1. Mark a horizontal and level line 2 1/2 inches above the desired height of the bottom of the stone. (Be sure to check local building codes for clearances required) This line marks the top of the starter strip. In the illustration below, there is a 1/4″ gap from the floor to the bottom of the stone.



2. Screw the starter strip into place. Place screws every 8 inches to minimize movement of the starter strip. Leave ½″ in between each starter strip to allow for expansion/contraction. Apply a building cladding tape over the top of the starter strip.

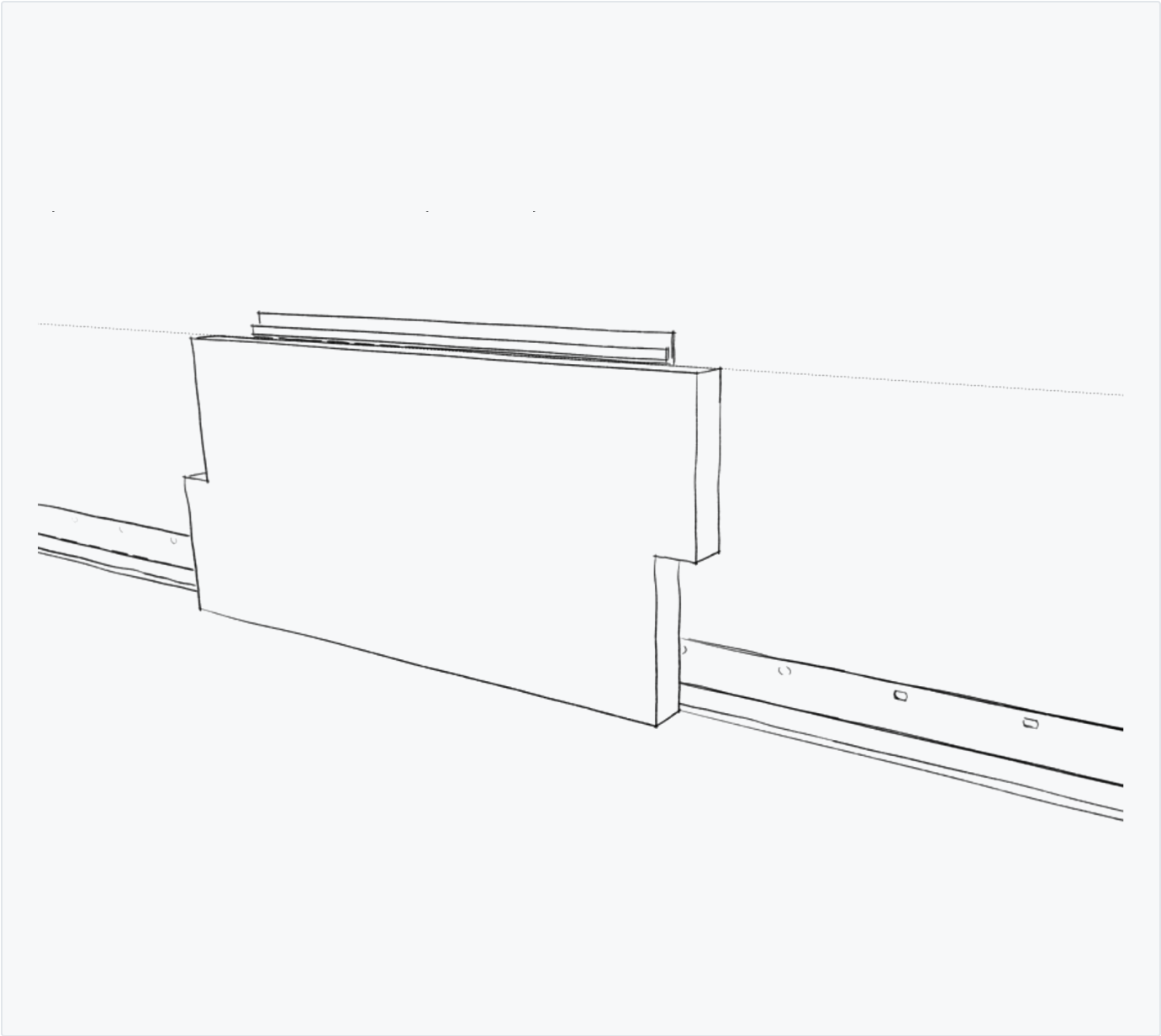
INSTALLATION

Installing Affinity Stone Panels

3. Affinity Stone panels require two screws per panel, one of which is required to be into framing.

4. Due to the orientation of the panel, it is easiest to install from right to left whenever possible.

5. Place the first panel into the starter strip and mark the wall at the top of the concrete panel. (Do not mark at the top of the plastic frame)



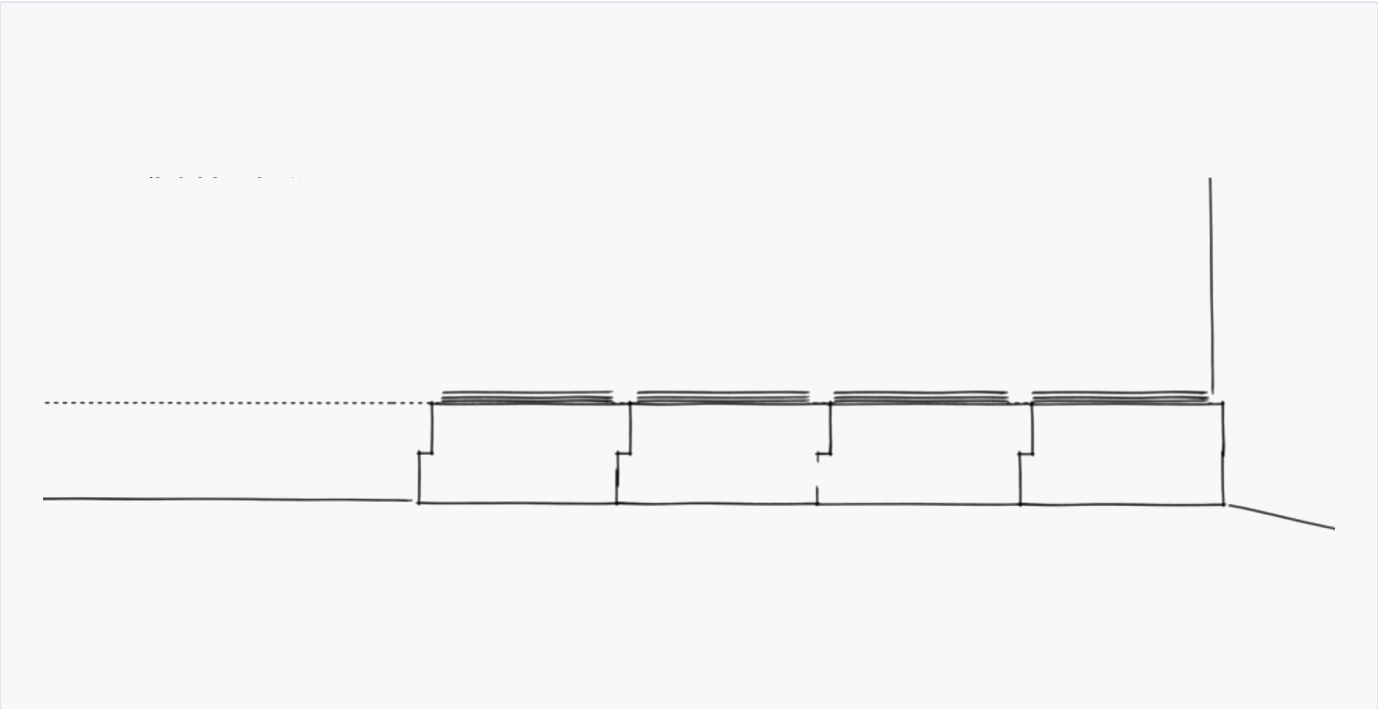
INSTALLATION

Installing Affinity Stone Panels CONTINUED

6. Remove that panel and use a laser or snap a chalk line on that mark across the wall.

7. Install the first course, ensuring that the top of the concrete panel is aligned with the line marked on the wall in step 6.

8. DO NOT attempt to align the plastic or rely on the starter strip for final panel placement.



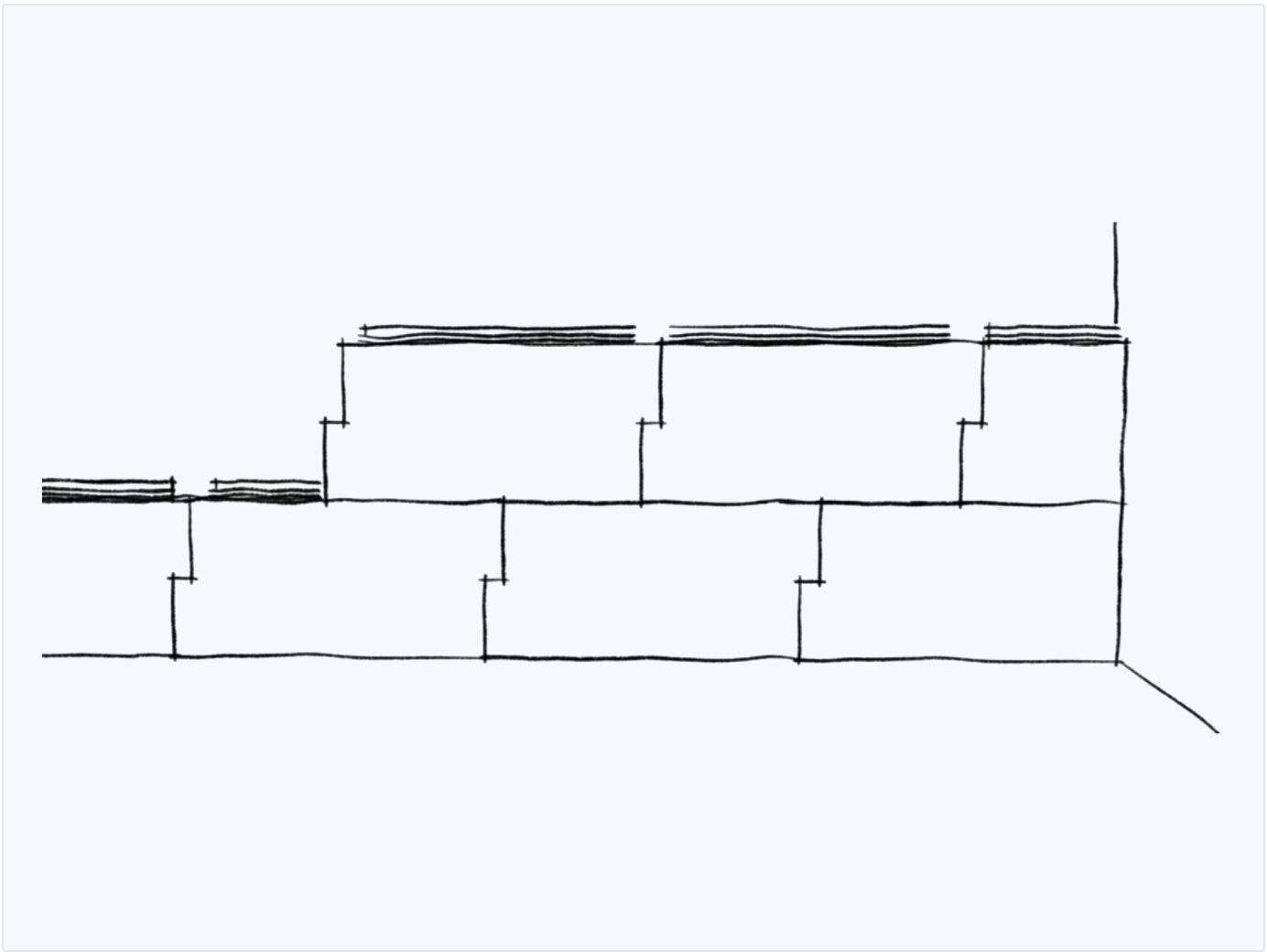
9. Be sure each panel is level and aligned to the top of the panel adjacent to it. A long straight edge may be helpful to ensure placement.

INSTALLATION

Installing Affinity Stone Panels CONTINUED

10 Take your time with the first course – the rest of the wall will be affected by this course.

11 Begin the second course by cutting a panel in half to offset the vertical alignment of the panels. This technique will provide a more natural appearance on the wall.



12 As each course is installed, ensure the tongue of each panel has been installed in the groove of the panel below and the vertical edges are in contact with the adjacent panel.

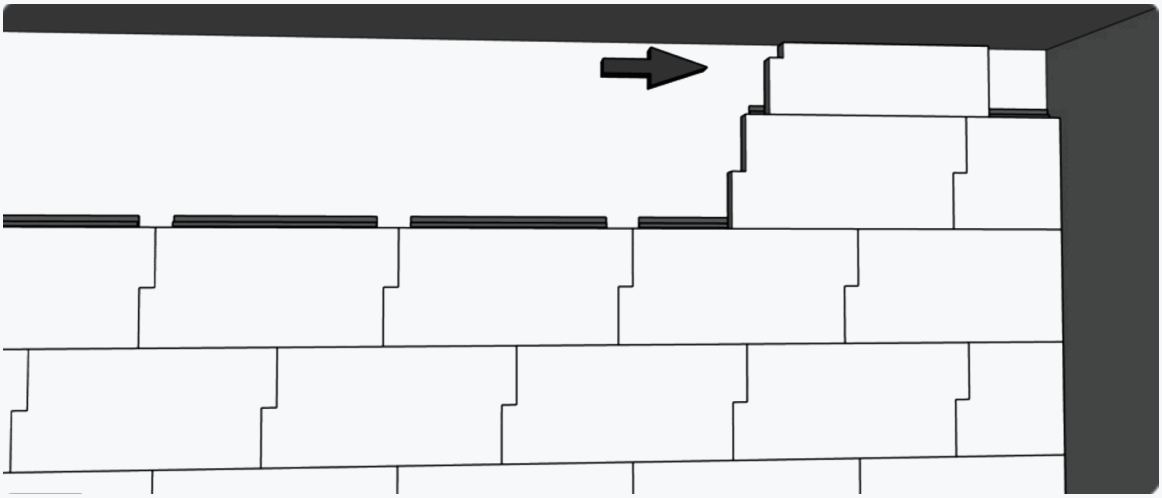
INSTALLATION

The Last Course

13 Cut the last course to height minus ¼" to allow working room for installation.

14 Install the last two courses at the same time so that you can slide the top course in with ease.

15 Once the top panel is in place, pre-drill and countersink a hole through the panel. Screw a fastener into the panel but do not over tighten as you can crack the panel. Pick a good spot in a grout joint to place this screw to minimize visibility. (Fig A)



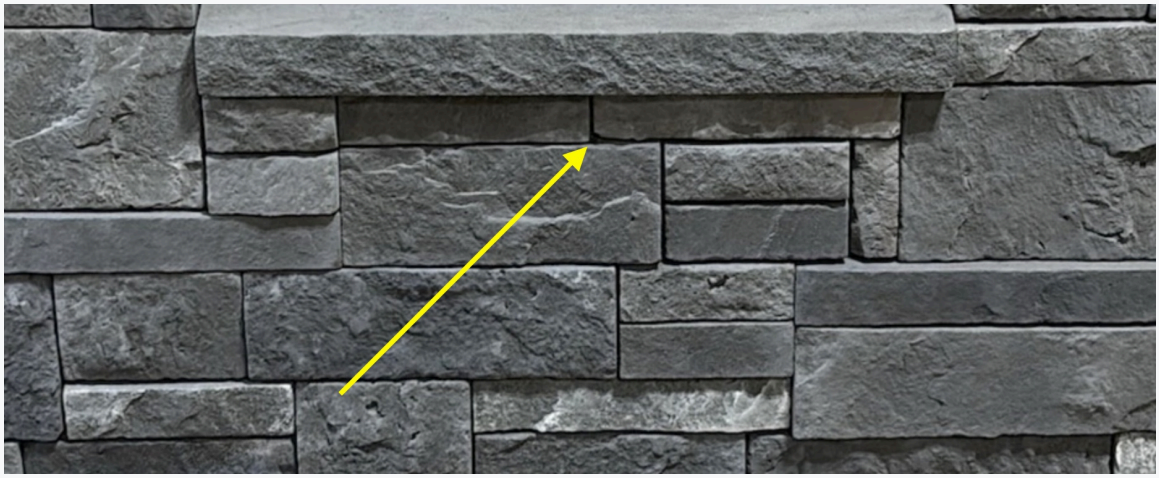


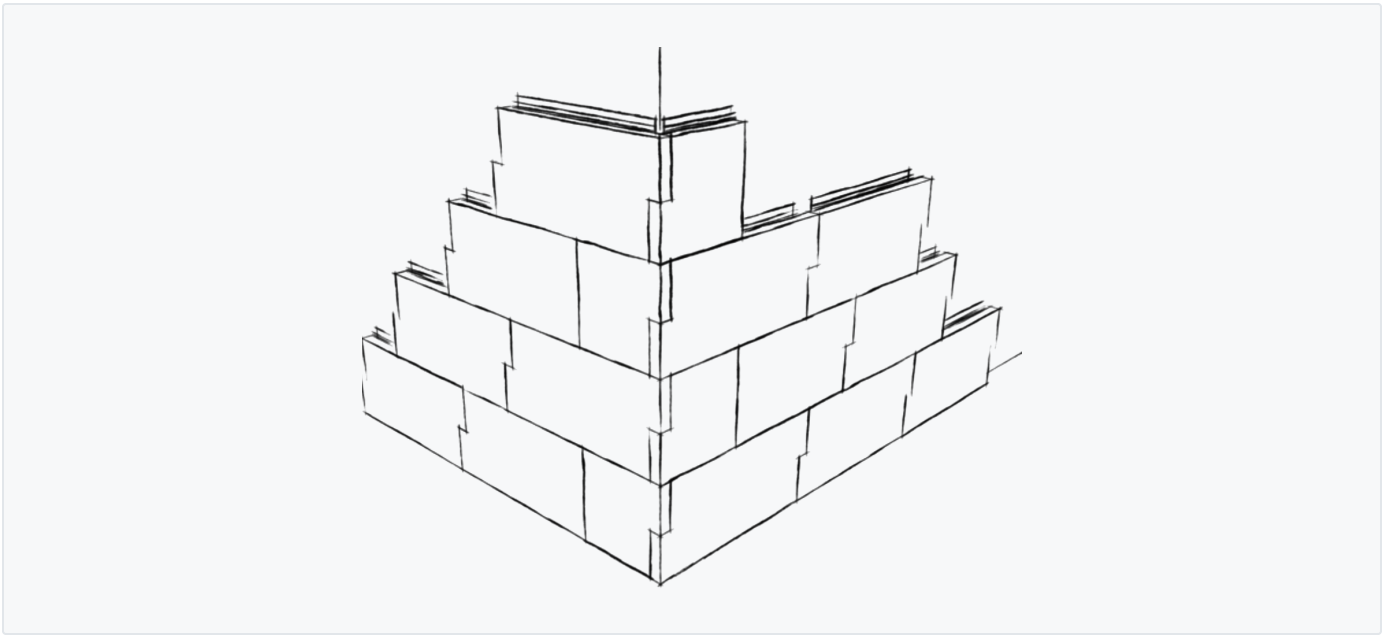
FIGURE A

DETAILING

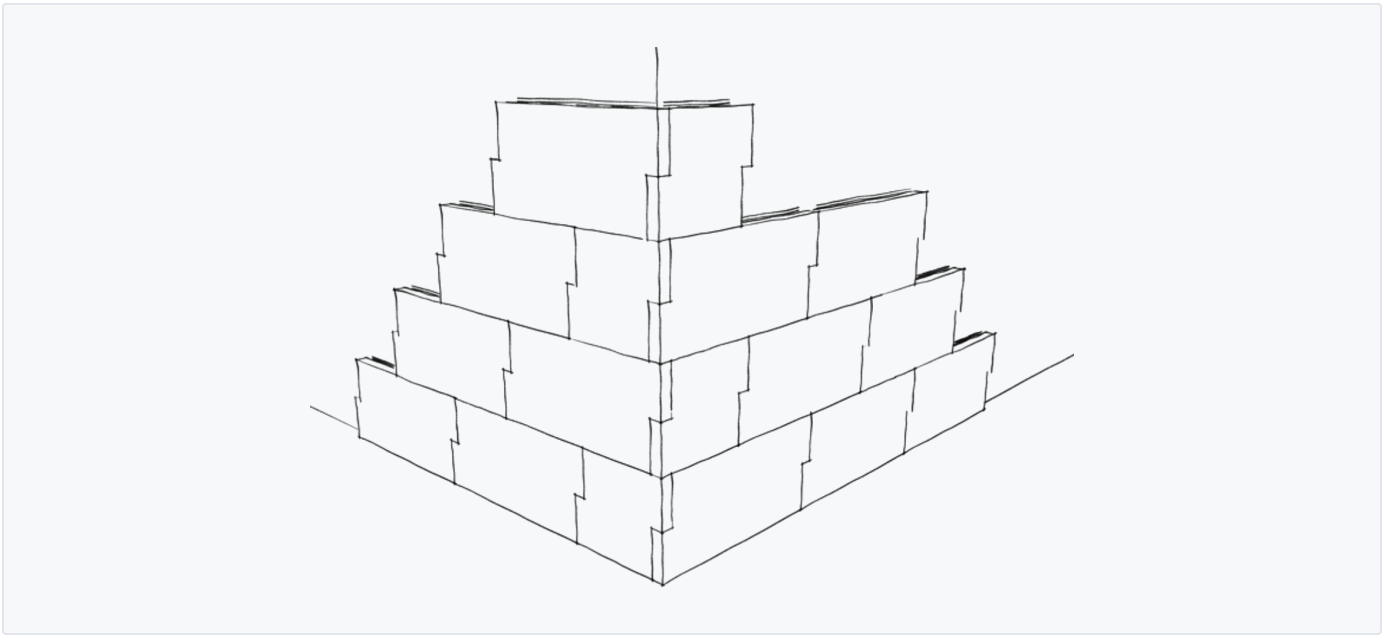
Outside Corners

To ensure maximum potential of the look of natural stone, cut the first panel of every other course in half. These cuts can be made in two ways: 1. Straight cut or 2. Replicate the factory offset cut. The second option looks more natural but both are approved methods.

STRAIGHT CUT



REPRODUCING FACTORY OFFSET CUT



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PREMIUM QUALITY
SIMPLE INSTALLATION
IMPECCABLE RESULTS

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