

# Corners

FROGSTONE™



## A new opportunity around every corner...

Corner details are often required for specific sites and can be specified by designers and engineers. Correct construction and professional completion of these wall details greatly enhances the visual appeal of the finished project and avoids the time and costs associated with improper installation. This document provides illustrated step-by-step instructions for building inside and outside corners.



## Outside Corner

### >>> STEP 1

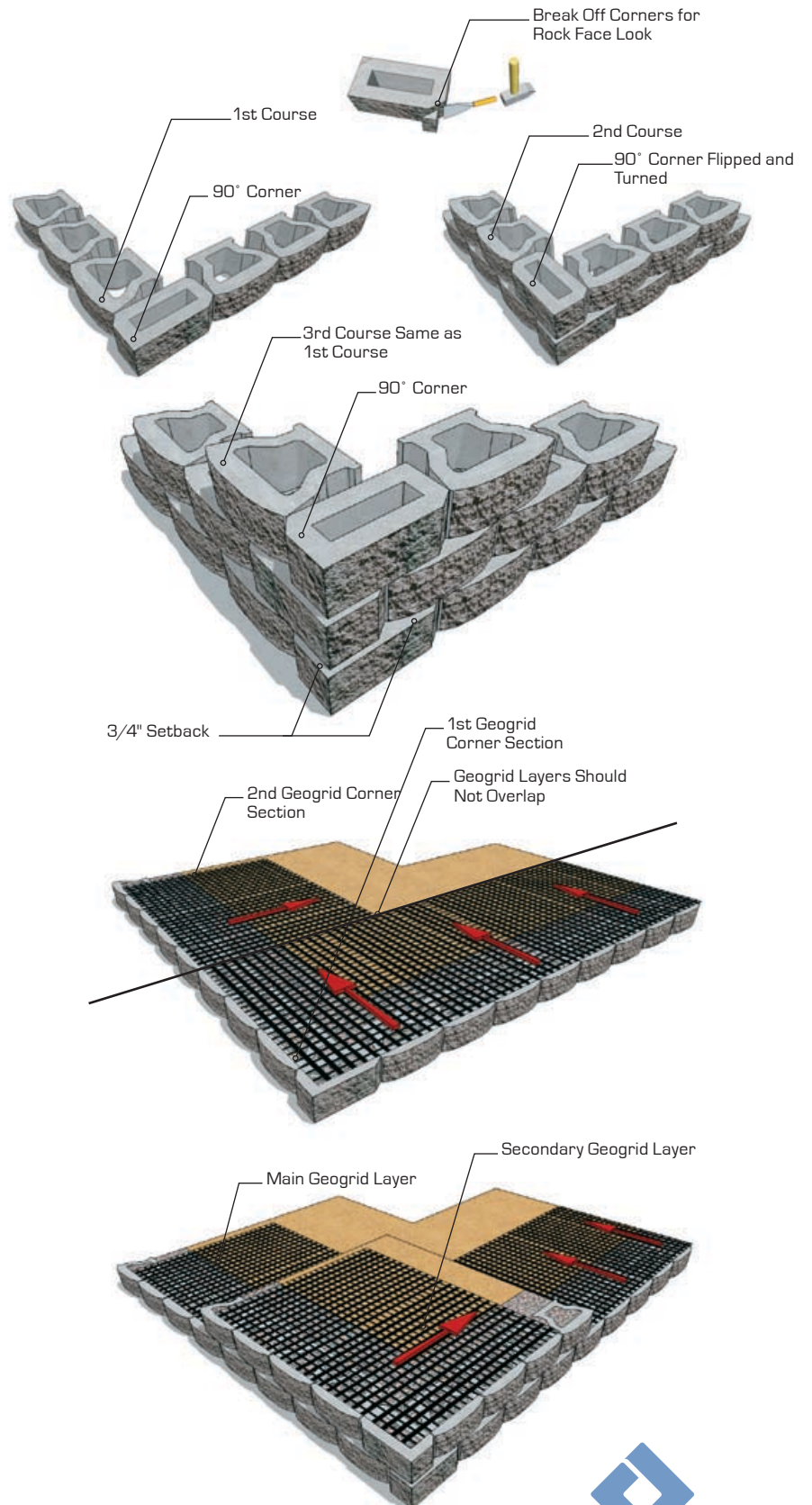
#### OUTSIDE FIRST COURSE

- Use a **90° Corner** unit to build an outside corner
- Place the first **90° Corner** unit on the base leveling pad to start the outside corner
- Place a **FrogStone™** unit on either side against the **90° Corner** unit
  - Continue to lay the **FrogStone™** base course on either side of the corner until first course is completed
- Flip and turn the second course **90° Corner** overlapping the short side and half of the **FrogStone™** base unit. This unit should be pushed back 3/4" to achieve proper setback
  - Continue to lay the **FrogStone™** second course on either side of the corner until second course is completed
- The **90° Corners** can be glued or concrete core filled to ensure a proper course to course outside corner interlock

### >>> STEP 2

#### OUTSIDE GEOGRID CORNER

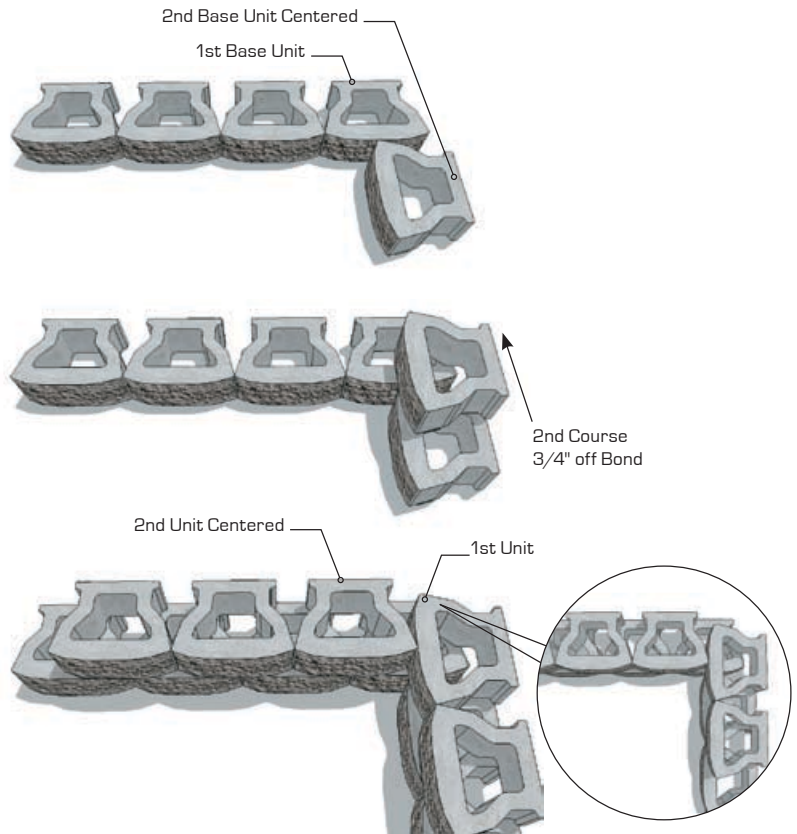
- Each geogrid length should be laid perpendicularly to the wall face
- Geogrid should not overlap on the **FrogStone™** units
  - Lay the 1st geogrid corner section perpendicularly to one side of the corner
- Lay the 2nd geogrid section perpendicularly to the other side of the corner but not overlapping the 1st geogrid section
- Lay the secondary geogrid layer one course above and perpendicular to the lower main geogrid layer directional strength
- **Correct geogrid orientation, strength and length is crucial to the success of the wall project**



## Inside Corner

### >>> STEP 1 INSIDE FIRST COURSE

- Place the second unit at right angle and centered to the first **FrogStone™** base unit. Continue to install the **FrogStone™** base units right and left of the first inside corner units
- Place the second unit at right angle and centered to the 1st unit on the second course
- Make sure second course units are placed at a 3/4" setback to the lower inside corner
- Continue to install the units left and right of the inside corner to complete the second course of the wall
- Repeat the above step by step installation until the wall height is completed or until reaching the first geogrid layer



### >>> STEP 2 INSIDE GEOGRID CORNER

- Each geogrid length should be laid perpendicularly to the wall face
- Geogrid should not overlap on the **FrogStone™** units
- Lay the 1st geogrid corner section perpendicularly to one side of the corner and overlap h/4 through the backfill (Height of Wall ÷ 4)
- Lay the 2nd geogrid section perpendicularly to the 1st geogrid
- Lay the second geogrid layer perpendicularly and overlap h/4 through the backfill opposite to the first geogrid layer
- The h/4 overlap will alternate layer to layer to properly secure the inside corner
- **Correct geogrid orientation, strength and length is crucial to the success of the wall project**

