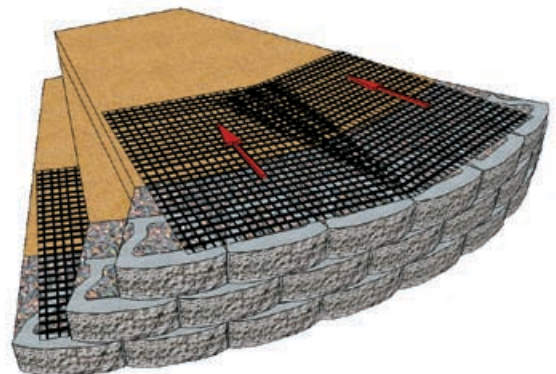


# Curves



## Curve the appeal of your wall...

Curve 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 convex and concave curves.

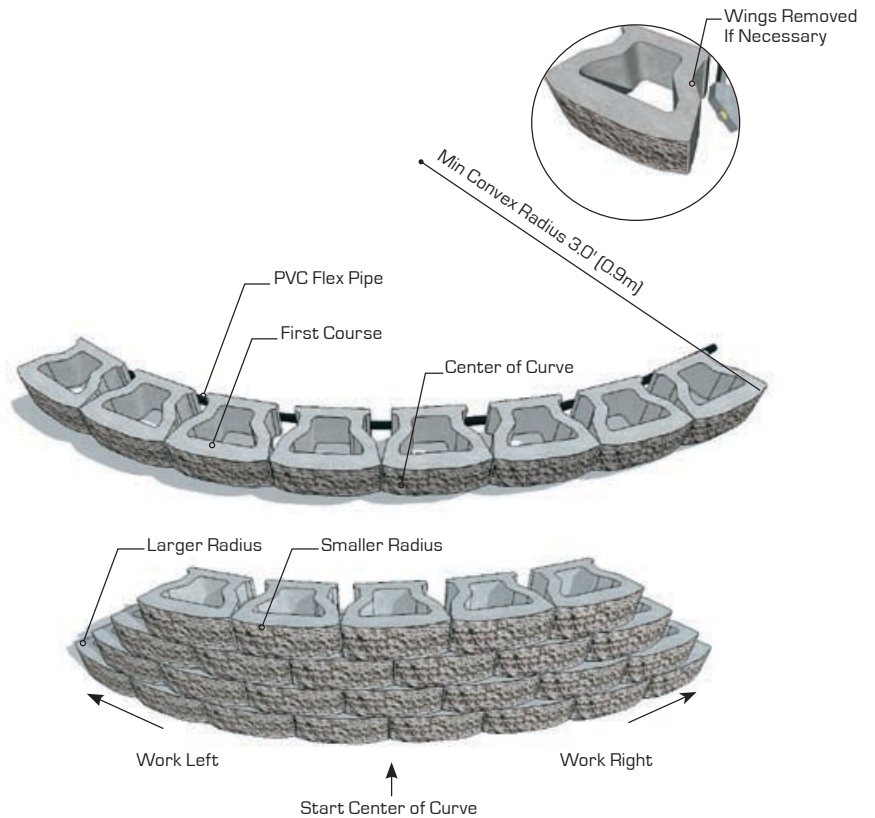


## Convex/Outside Curves

### >>> STEP 1

#### CONVEX FIRST COURSE

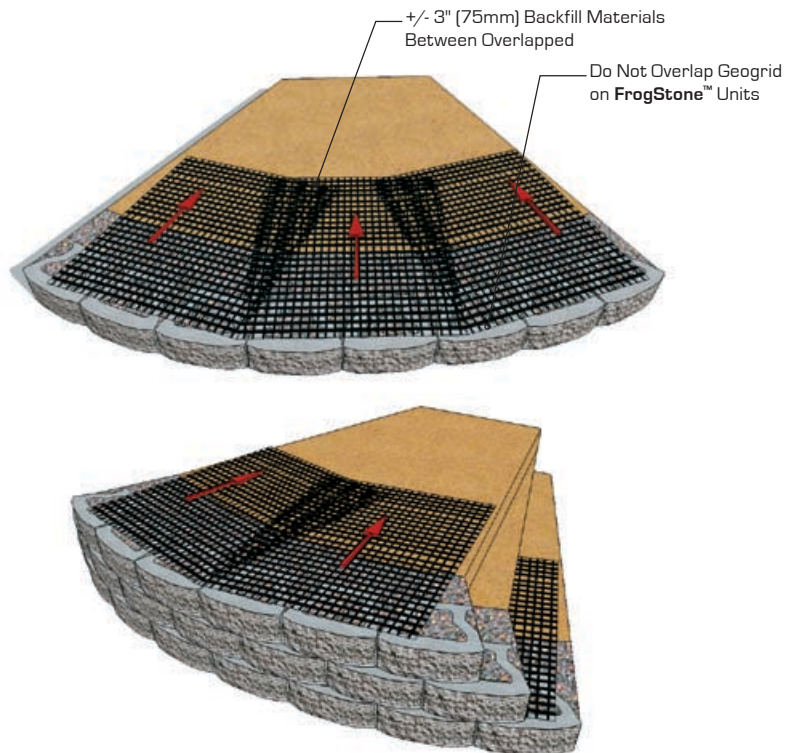
- If possible, start building a curve from the center and work left and right through the curve
- Use **PVC Flex Pipes** to create smooth and accurate **Convex** curves
- Use the back of the unit for alignment
- Remove one or both **FrogStone™** wings when building a **Convex** curve
- Build each course of units by starting at the same place and the same bond as the last course
- **Convex** curves have a slight increase in batter or setback to the standard 3/4"
- The taller the wall the larger the **Convex** first course needs to be. The radius of each additional course will be slightly smaller than the lower course
- **FrogStone™** minimum **Concave** curve is approximately 3.0 foot radius



### >>> STEP 2

#### CONVEX GEOGRID CURVE

- Each geogrid length should be laid perpendicularly to the wall face
- Geogrid should not overlap on the **FrogStone™** units
- **Correct geogrid orientation, strength and length is crucial to the success of the wall project**



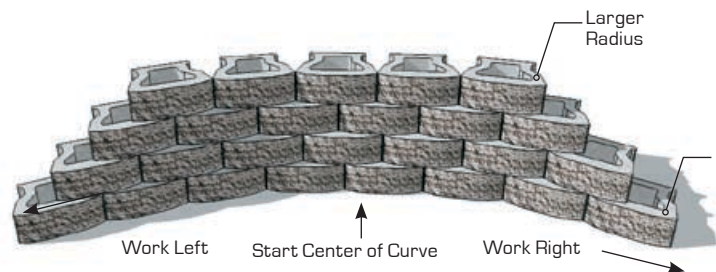
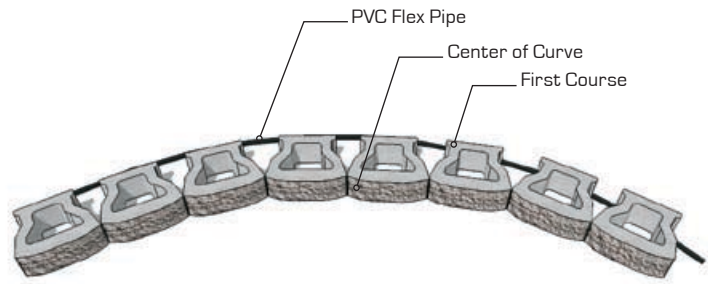


## Concave/Inside Curves

### >>> STEP 1

#### CONCAVE FIRST COURSE

- If possible, start building a curve from the center and work left and right through the curve
- Use **PVC Flex Pipes** to create smooth and accurate **Concave** curves
- Use the back of the unit for alignment
- Build each course of units by starting at the same place and the same bond as the last course
- **Concave** curves have a slight decrease in batter or setback to the standard 3/4"
- The taller the wall the smaller the **Concave** first course needs to be. The radius of each additional course will be slightly larger than the lower course
- **FrogStone™** minimum **Concave** curve is approximately 3.0 foot radius



### >>> STEP 2

#### CONCAVE GEOGRID CURVE

- Each geogrid length should be laid perpendicularly to the wall face
- Geogrid should not overlap on the **FrogStone™** units
- To ensure 100% coverage, place a second layer of geogrid centered to the unreinforced triangle zone one course above the main geogrid layer
- **Correct geogrid orientation, strength and length is crucial to the success of the wall project**

