CURVED BENCH DESIGNS
INSTALLATION INSTRUCTIONS

Option 1 - Closed End
Option 2 - Open End
Option 3 - Full Seat End
Option 4 - Column End

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Options:

**Closed End Design**

**You will need:**
- 106 - 16”/14”w Large units
- 93 - 12”/10”w Medium units
- 171 - 6”/4”w Small units
- 94 - 12”/10”w Cap units
- Bench Pad Material - 47.6 cf
- Bench Infill Material - 38.4 cf
- Keystone Interlocking Pins*
- Exterior Construction Grade Adhesive*
- Fire pit quantities not included

**Open End Design**

**You will need:**
- 101 - 16”/14”w Large units
- 93 - 12”/10”w Medium units
- 170 - 6”/4”w Small units
- 94 - 12”/10”w Cap units
- Bench Pad Material - 47.6 cf
- Bench Infill Material - 38.4 cf
- Keystone Interlocking Pins*
- Exterior Construction Grade Adhesive*
- Fire pit quantities not included

**Full Seat End Design**

**You will need:**
- 98 - 16”/14”w Large units
- 93 - 12”/10”w Medium units
- 163 - 6”/4”w Small units
- 94 - 12”/10”w Cap units
- Bench Pad Material - 47.6 cf
- Bench Infill Material - 38.4 cf
- Keystone Interlocking Pins*
- Exterior Construction Grade Adhesive*
- Fire pit quantities not included

**Column End Design**

**You will need:**
- 128 - 16”/14”w Large units
- 93 - 12”/10”w Medium units
- 193 - 6”/4”w Small units
- 100 - 12”/10”w Cap units
- Bench/Column Pad Material - 47.6 cf
- Bench Infill Material - 35.6 cf
- Column Infill Material - 5.6 cf
- Keystone Interlocking Pins*
- Exterior Construction Grade Adhesive*
- Fire pit quantities not included

Notes:
- All Keystone Country Manor/Stonegate units are 6” h x 10” d. "Keystone Cap units are 3”h x 11”d
- Keystone recommends the use of its interlocking pins when alignment allows. Use pins in conjunction with exterior grade construction adhesive to maximize stability of your structure.
Foundation Isometric

Curved Bench Reinforced Concrete or Crushed Stone Leveling Pad (Typ)

Foundation Plan

Curved Bench Reinforced Concrete or Crushed Stone Leveling Pad (Typ)

R102 (8.6")

R60"
Common Courses

Note:
If required, place geotextile fabric around the perimeter of the inside open area against the block units and up to the 4th course capping course to stop the migration of the fill material between the block units.

Block Cutting Note:
Block units to be cut are labeled with angular hatching.
Common Courses

Block Cutting Note:
Block units to be cut are labeled with angular hatching.
3rd Course Isometric

Curved Bench Back Wall

Keystone Country Manor Units (Typ.)

Curved Bench Seat Wall

Fill Open Center of Bench w/Drainage Fill Material to Support Rear Bench Seat Capping Units Above Consolidate Fill by Hand Tamping

Block Cutting Note:
Block units to be cut are labeled with angular hatching.

3rd Course Plan

Fill Open Center Area w/Drainage Fill Material to Support Capping Units Above Consolidate Fill by Hand Tamping (Both Sides)
Common Courses

Block Cutting Note:
Block units to be cut are labeled with angular hatching.

To complete your kit, choose one of the following end options.

- Option 1 Closed End Design ➤ Go to page 9
- Option 2 Open End Design ➤ Go to page 15
- Option 3 Full Seat End Design ➤ Go to page 21
- Option 4 Column End Design ➤ Go to page 27
Closed End Option

You have chosen the Closed End Option 1 for your kit. Complete the following courses 4 (capping) - 6 on the Red tabs to achieve this option.
Block Cutting Note:
Cap units to be cut are labeled with angular hatching.

Bench Capping Note:
Cut cap units tight to the face of the 5th course back wall block units for best appearance.
Block Cutting Note:
Block units to be cut are labeled with angular hatching.
### Option 1

**Block Cutting Note:**
Block units to be cut are labeled with angular hatching.

**6th Course Isometric**
- Curved Bench Back Wall
- Keystone Country Manor Units (Typ.)
- 4th Course Curved Bench Seat w/Capping Below
- Cut to Fit Block Unit
- Curved Bench End Opt 1 End Wall (Both Sides)

**6th Course Plan**
- 30" End Wall
- 132" (11') Bench Area Below
- 192" (16') Curved Bench Element
- 66" 30" 30" 66" 126°± (10'-6") Curved Bench Element
- 116°± (9'-6") Bench Area Below
Block Cutting Note:
Cap units to be cut or hard split are labeled with angular hatching.
Completed Elevation Views

FRONT ELEVATION

SIDE ELEVATION
Open End Option

You have chosen the Open End Option 2 for your kit. Complete the following courses 4 (capping) - 6 on the Green tabs to achieve this option.
Block Cutting Note:
Cap units to be cut are labeled with angular hatching.

Bench Capping Note:
Cut cap units tight to the face of the 5th course back wall block units for best appearance.
Block Cutting Note:
Block units to be cut are labeled with angular hatching.
Block Cutting Note:
Block units to be cut are labeled with angular hatching.
Block Cutting Note:
Cap units to be cut or hard split are labeled with angular hatching.
Completed Elevation Views

Keystone Country Manor Units and Caps (Typ)
Curved Bench Back Wall w/Capping Course
Curved Bench Seat w/Capping Course

6" (Typ)
30" Bench / Back Wall
132" (11') Bench Area
192" (16') Curved Bench Element

Curved Bench Leveling Pad

FRONT ELEVATION

Curved Bench Seat / Back Wall w/Capping (Beyond)
Curved Bench Back Wall w/Capping Course
Keystone Country Manor Units and Caps (Typ)
Curved Bench w/Bench End Option 2 w/Capping Course (Both Sides)

6" (Typ)
3" (Beyond)
18" (Beyond)
6" (Typ)

Curved Bench Leveling Pad

SIDE ELEVATION

6" (Typ)
126" ± (10'-6") Bench Area (Beyond) / Curved Bench Element
6" (Typ)
Full Seat End Option

You have chosen the Full Seat End Option 3 for your kit. Complete the following courses 4 (capping) - 6 on the Orange tabs to achieve this option.
Block Cutting Note:
Cap units to be cut are labeled with angular hatching.

Bench Capping Note:
Cut cap units tight to the face of the 5th course back wall block units for best appearance.
Block Cutting Note:
Block units to be cut are labeled with angular hatching.
6th Course Isometric

Option 3

Block Cutting Note:
Block units to be cut are labeled with angular hatching.
Block Cutting Note:
Cap units to be cut or hard split are labeled with angular hatching.
Completed Elevation Views

Keystone Country Manor Units and Caps (Typ)
Curved Bench Back Wall w/Capping Course
Curved Bench Seat w/Capping Course

Finished Grade (Typ)
30" Bench / Back Wall
132" (11') Bench Area
192" (16') Curved Bench Element

Front Elevation

Curved Bench Seat / Back Wall w/Capping (Beyond)
Curved Bench Back Wall w/Capping Course
Keystone Country Manor Units and Caps (Typ)
Curved Bench w/Bench End Option 3 w/Capping Course (Both Sides)

Finished Grade (Typ)
126" ± (10'-6") Bench Area / Curved Bench Element
6" (Typ)
Column End Option

You have chosen the Column End Option 4 for your kit. Complete the following courses 4 (capping) - 8 on the Blue tabs to achieve this option.
**Block Cutting Note:**
Cap units to be cut are labeled with angular hatching.

**Bench Capping Note:**
Cut cap units tight to the face of the 5th course back wall block units for best appearance.
5th Course Isometric

- Curved Bench Back Wall
- Keystone Country Manor Units (Typ.)
- 4th Course Curved Bench Seat w/Capping Below
- Curved Bench Column (Both Sides)
- Cut to Fit Block Unit at Column

Block Cutting Note:
Block units to be cut are labeled with angular hatching.

5th Course Plan

- Fill Open Center of Column w/Drainage Fill Material to Support Capping Units Above
- Consolidate Fill by Hand Tamping (Both Sides)
Block Cutting Note:
Block units to be cut are labeled with angular hatching.
Block Cutting Note:
Cap units to be cut or hard split are labeled with angular hatching.
Block Cutting Note:
Block units to be cut are labeled with angular hatching.
Option 4

COURSE BY COURSE INSTRUCTIONS

8th Course Isometric

6th Course Curved Bench Back Wall w/Capping Below

4th Course Curved Bench Seat w/Capping Below

Keystone Country Manor Units (Typ.)

Curved Bench Column (Both Sides)

7th Course Below

Fill Open Center of Column w/Drainage Fill Material to Support Capping Units Above Consolidate Fill by Hand Tamping (Both Sides)

8th Course Plan

Block Cutting Note:
Block units to be cut are labeled with angular hatching.
Option 4

Block Cutting Note:
Block units to be cut or hard split are labeled with angular hatching.
Don’t forget to check out all of our Keystone Outdoor Living Designs on kestonewalls.com.