84" BENCH WITH COLUMNS
INSTALLATION INSTRUCTIONS
You will need:
- 51 - 16"/14"w Large Country Manor/Stonegate units
- 54 - 12"/10"w Medium Country Manor/Stonegate units
- 55 - 6"/4"w Small Country Manor/Stonegate units
- 36 - 12"/10"w Country Manor/Stonegate Cap units
- Crushed Aggregate - 29 cf
- Keystone Interlocking Shouldered Pins* (approx. 117)
- Exterior Construction Grade Adhesive

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.

Bench Isometric
After selecting the location of project, excavate the base trench (according to the dimensions in the plan below). Do not use this excavated material as backfill. Remove all surface vegetation and debris. Start the leveling pad at the lowest elevation. Level the prepared base with 6" of well-compacted granular fill (ex. gravel, road base, or 1/2" to 3/4" [10 - 20 mm] crushed stone). Compact. Do not use PEA GRAVEL or SAND for leveling pad.
2nd Course Isometric

Upside Down Units

1st Course Below

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

2nd Course Plan

124"

Upside Down Units

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

84" Bench

20" Column
3rd Course Isometric

Upside Down Unit

2nd Course Below

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

3rd Course Plan

Upside Down Unit

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

124" 20" Column

6" 20" Column

84" Bench 20" Column

28"
4th Course Isometric

Upside Down Units

3rd Course Below

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

4th Course Plan

124"

Upside Down Units

20" Column

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

84" Bench

20" Column

20" Column
Cap Unit Note:
This bench and columns design uses Keystone Cap units. Cap units to be cut or hard split are labeled with angular hatching.

Hard split all exposed perimeter cap units labeled “split” cap units and soften the outside edges of the hard split “split” cap units using a masons hammer to match the cap units tumbled edges. Saw cut all other interior “cut” cap units.

Bench Seat Capping Note:
The bench seat capping units may be placed after the 5th course back wall and columns have been installed to better fit the rear capping units that need to be cut to meet the 5th course back wall and column faces.
6th Course Isometric

5th Course Below

6th Course Plan

124"

Upside Down Units

20" Column

64" Bench Below

20" Column
**Cap Unit Note:**
This bench and columns design uses Keystone Cap units. Cap units to be cut or hard split are labeled with angular hatching. Hard split all exposed perimeter cap units labeled “split” cap units and soften the outside edges of the hard split “split” cap units using a mason's hammer to match the cap units tumbled edges. Saw cut all other interior “cut” cap units.

**Bench Back Wall Capping Note:**
The bench back wall capping units may be placed after the 8th course columns have been installed to better fit the capping units that need to be cut.
8th Course Isometric

7th Course Below

7th Course w/Capping Below

8th Course Plan

124"

20" Column

7th Course w/Capping Below

84" Bench Below

20" Column

20" Column

20" Column
Cap Unit Note:
This bench and columns design uses Keystone Cap units. Cap units to be cut or hard split are labeled with angular hatching.

Hard split all exposed perimeter cap units labeled "split" cap units and soften the outside edges of the hard split "split" cap units using a mason's hammer to match the cap units tumbled edges. Saw cut all other interior "cut" cap units.
Don’t forget to check out all of our Keystone Outdoor Living designs on keystonewalls.com.