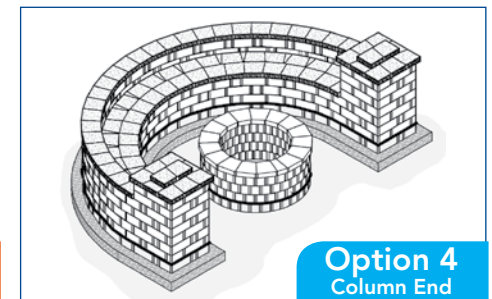
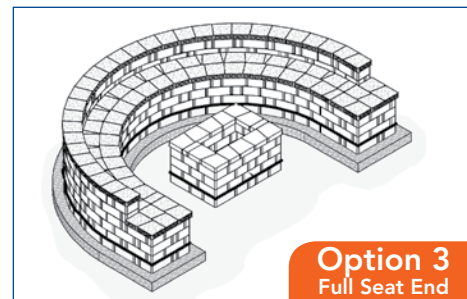
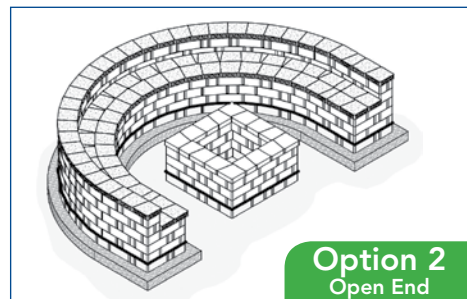
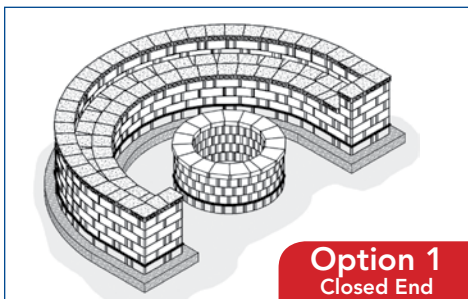
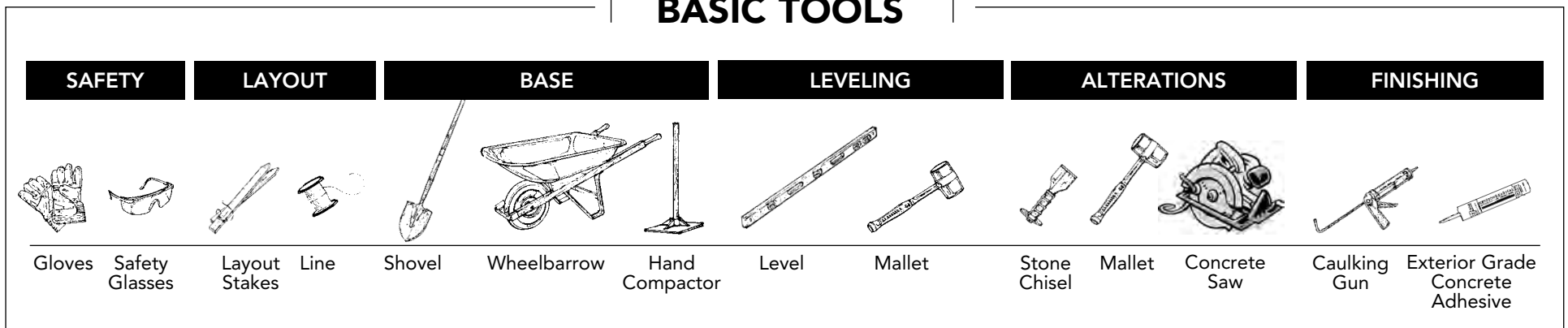




Option 2 - Open End Shown Above



## BASIC TOOLS



## INDEX

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### Option 3 Full Seat End Design

Full Seat End Option Isometric ..... 21

Courses 4 (capping) through 6 ..... 22-25

Elevation Views ..... 26

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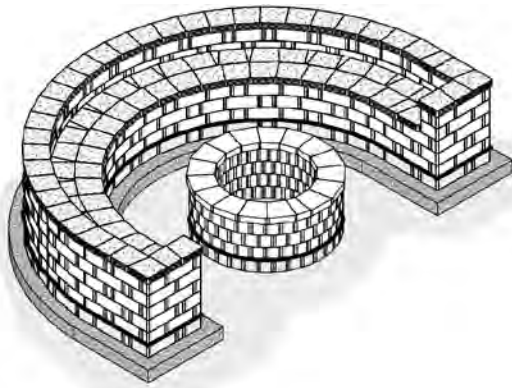
Courses 4 (capping) through 8 ..... 28-34

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# KEYSTONE OUTDOOR LIVING • CURVED BENCH DESIGNS

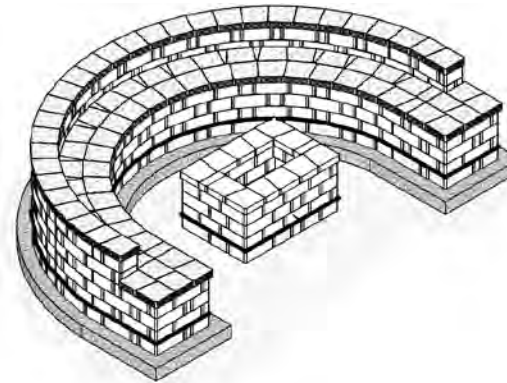
## Option 1 Closed End Design



### 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

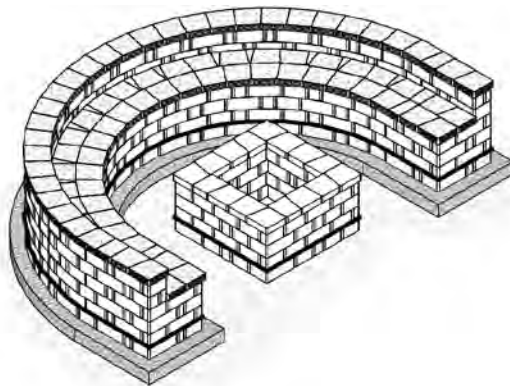
## Option 3 Full Seat End Design



### 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

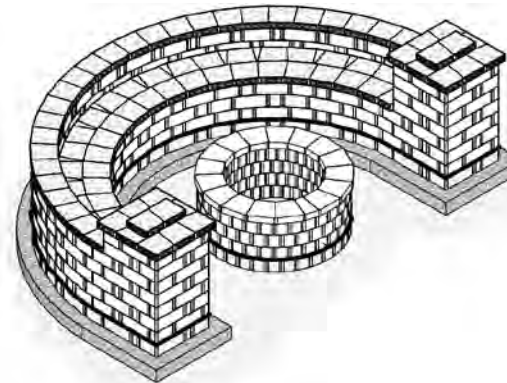
## Option 2 Open End Design



### 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

## Option 4 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

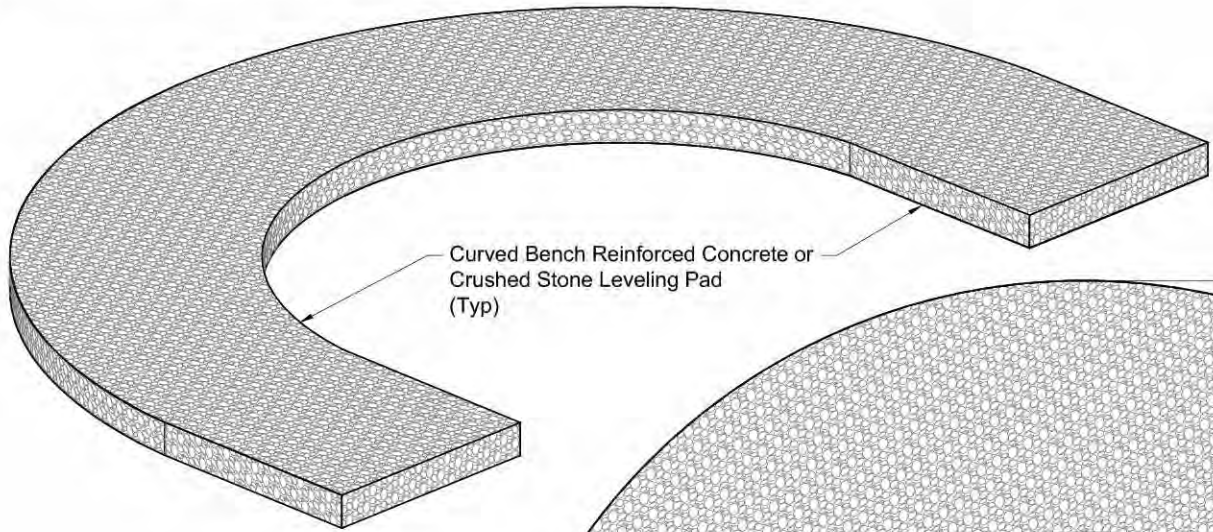
### Notes:

- All Keystone Country Manor/Stonegate units are 6"h x 10"d. \*Keystone Cap units are 3"h x 11"d

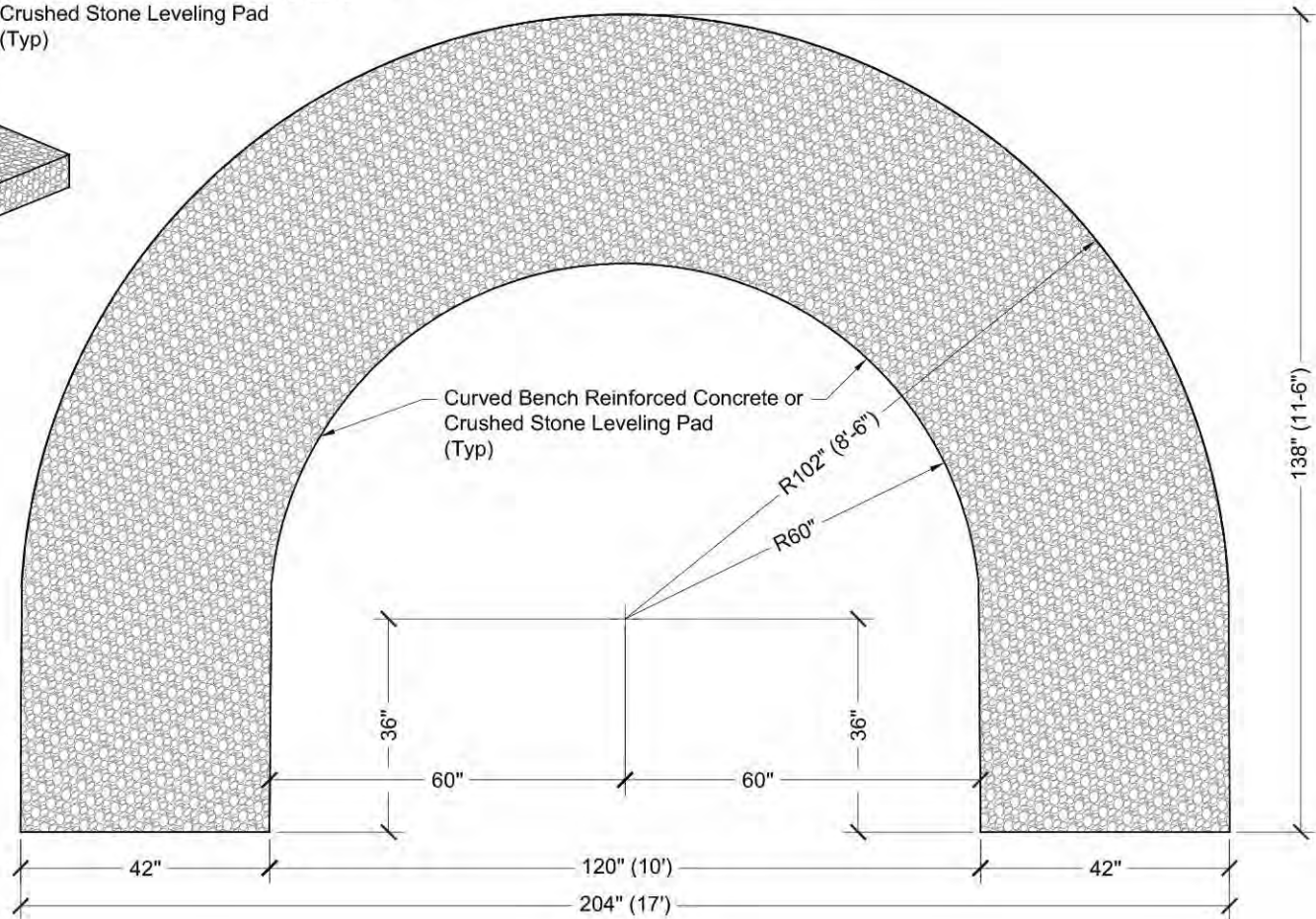
\* Keystone recommends the use of its interlocking pins when alignment allows. Use pins in conjunction with exterior grade construction adhesive to maximize stability of your structure.

# COURSE BY COURSE INSTRUCTIONS

Foundation Isometric



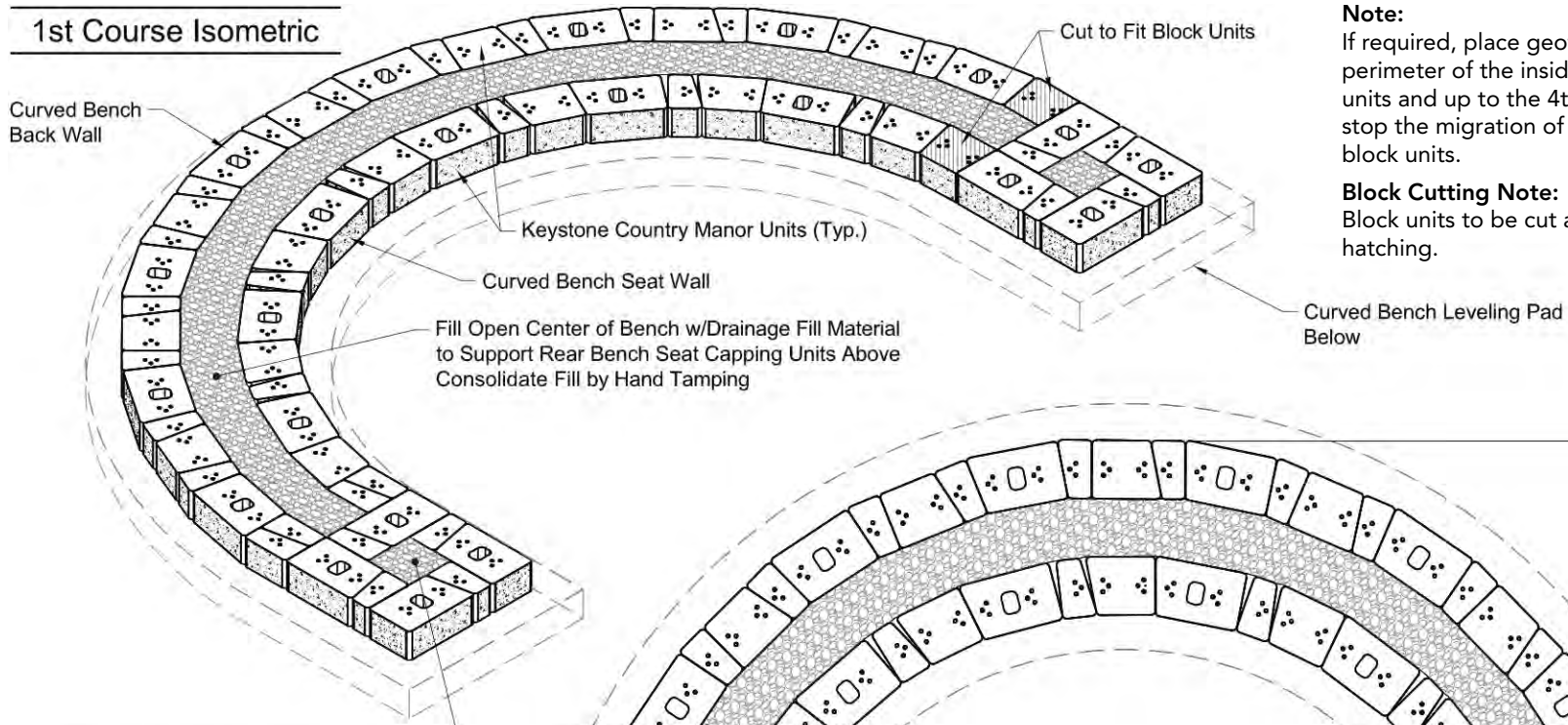
Foundation Plan





# COURSE BY COURSE INSTRUCTIONS

## 1st Course Isometric



**Note:**

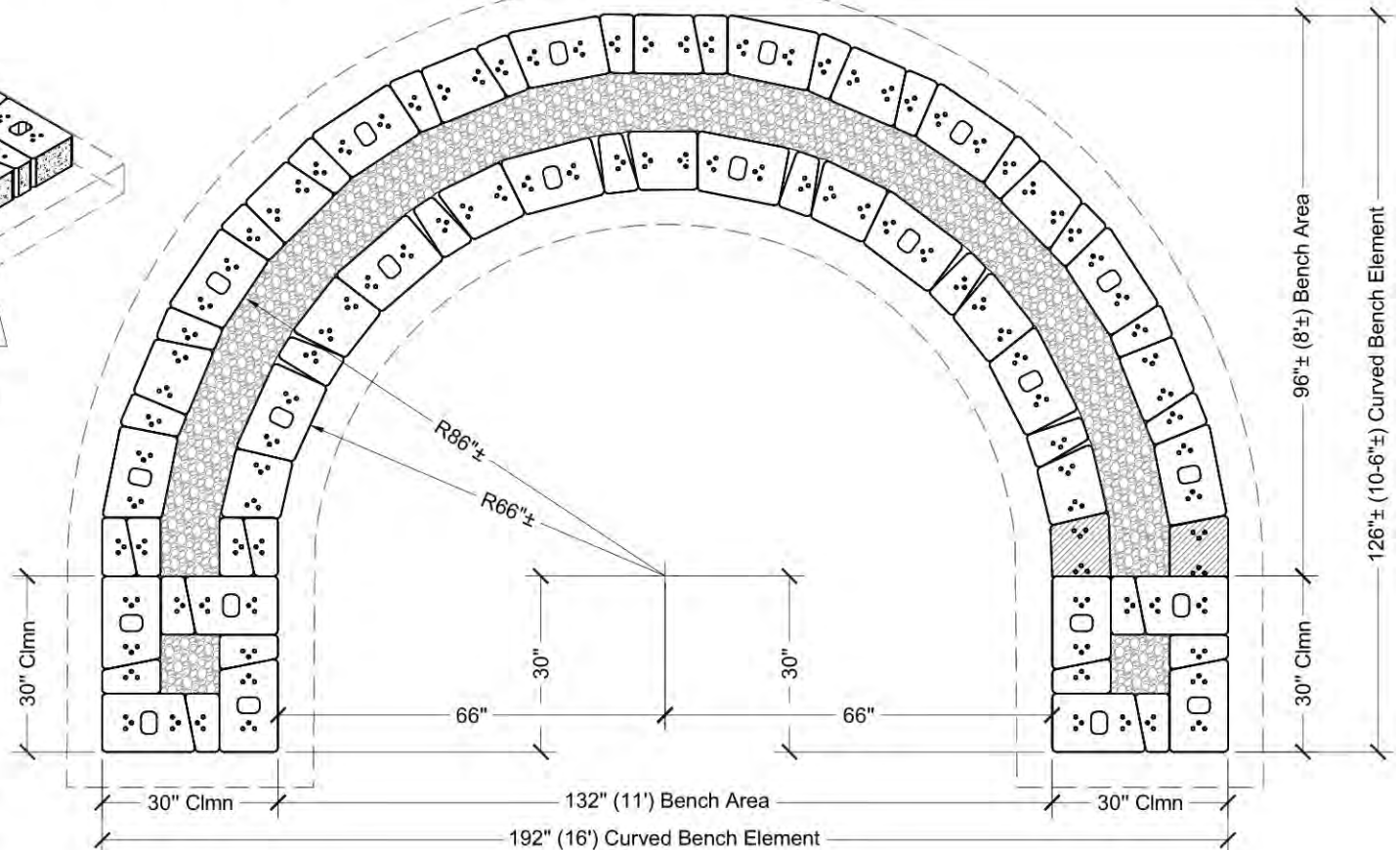
If required, place geotextile fabric around the perimeter of the inside open area against the block units and up to the 4th course capping course to stop the migration of the fill material between the block units.

**Block Cutting Note:**

Block units to be cut are labeled with angular hatching.

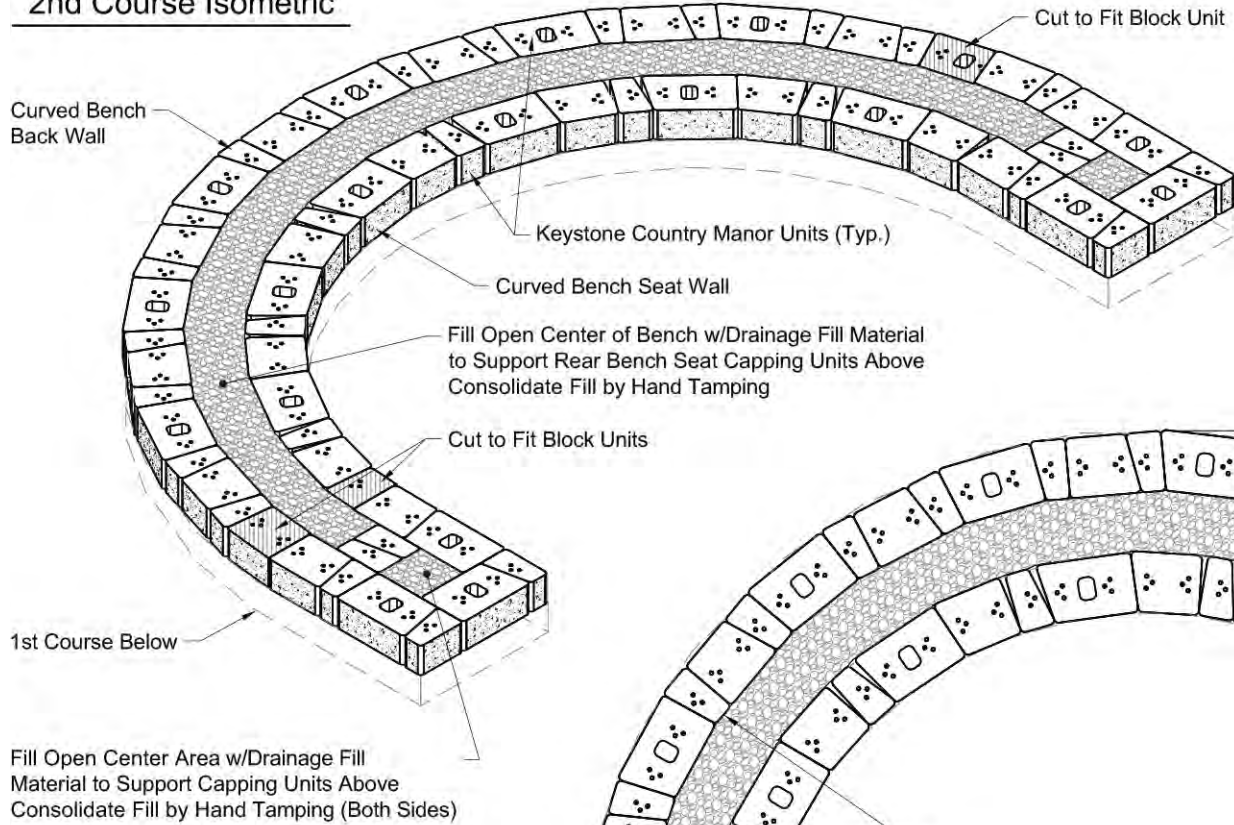
Fill Open Center Area w/Drainage Fill Material to Support Capping Units Above Consolidate Fill by Hand Tamping (Both Sides)

## 1st Course Plan



# COURSE BY COURSE INSTRUCTIONS

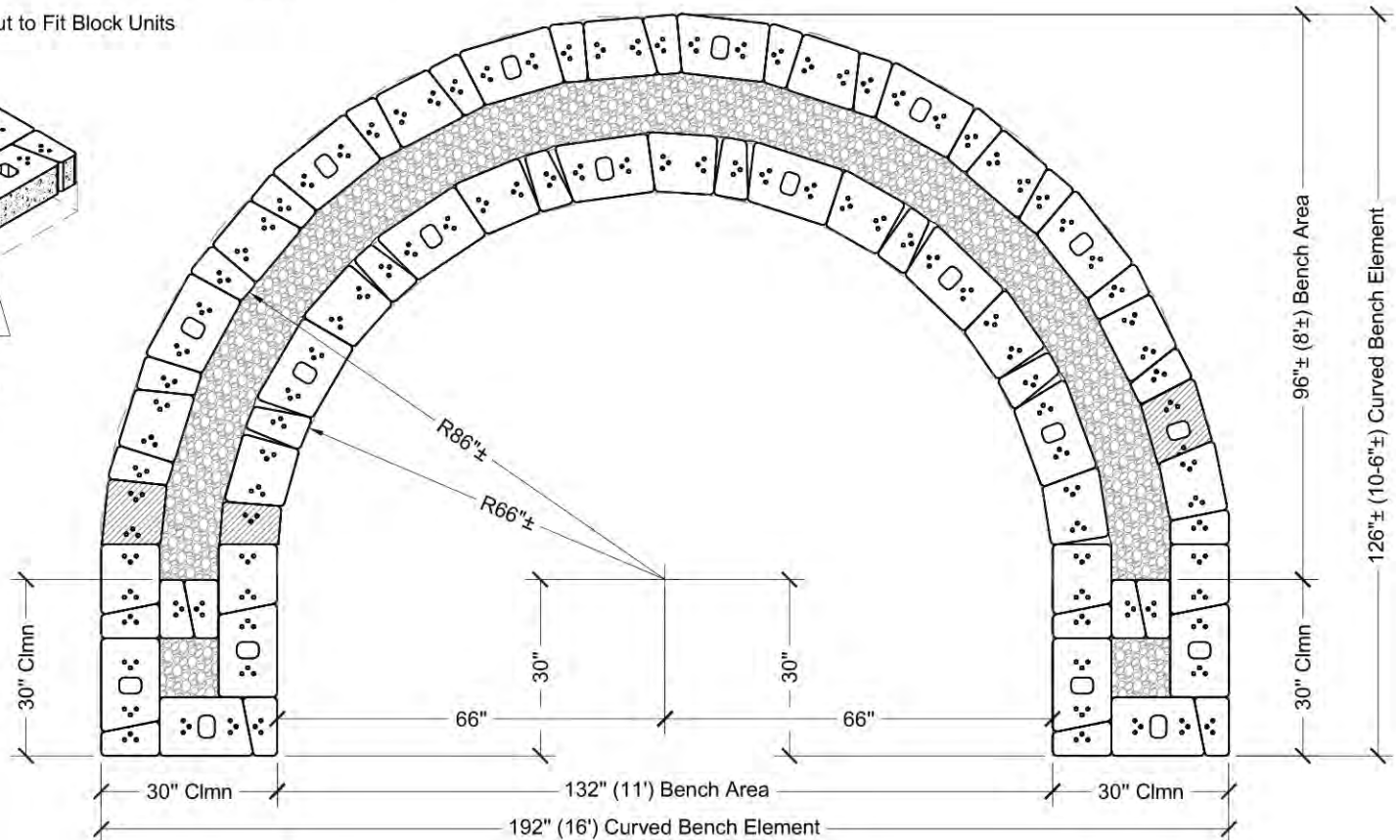
## 2nd Course Isometric



### Block Cutting Note:

Block units to be cut are labeled with angular hatching.

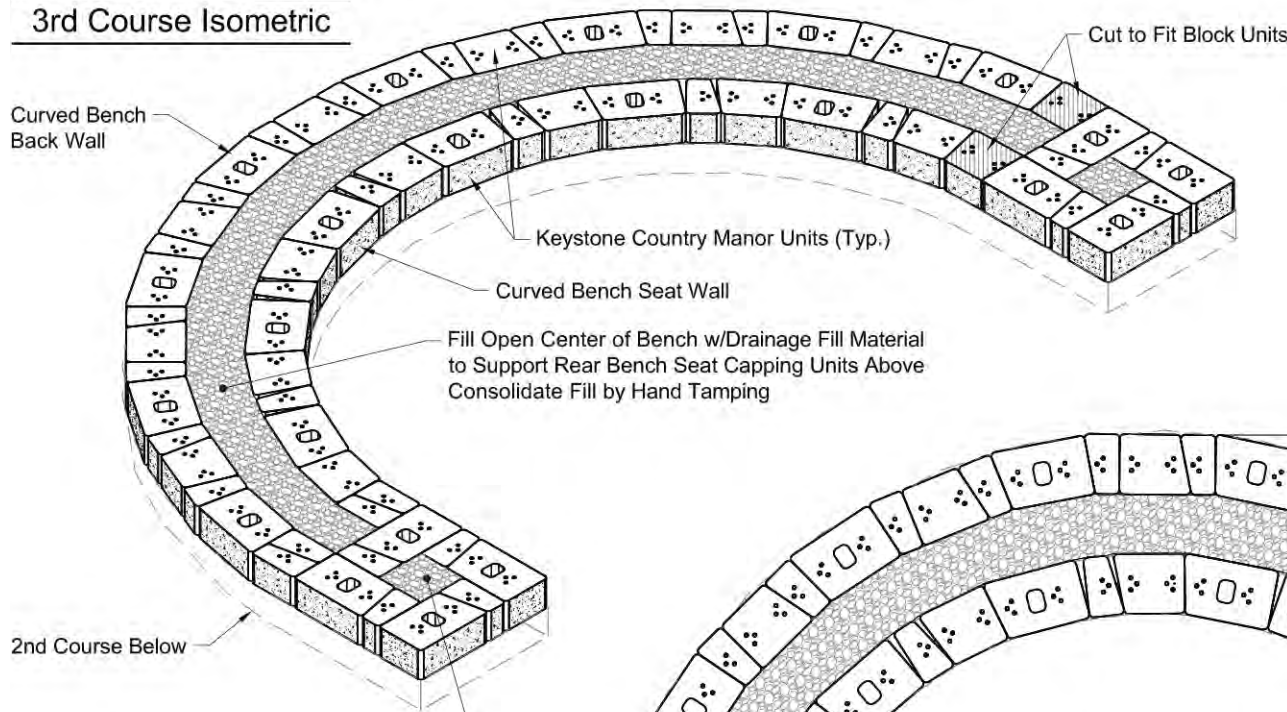
## 2nd Course Plan





# COURSE BY COURSE INSTRUCTIONS

## 3rd Course Isometric

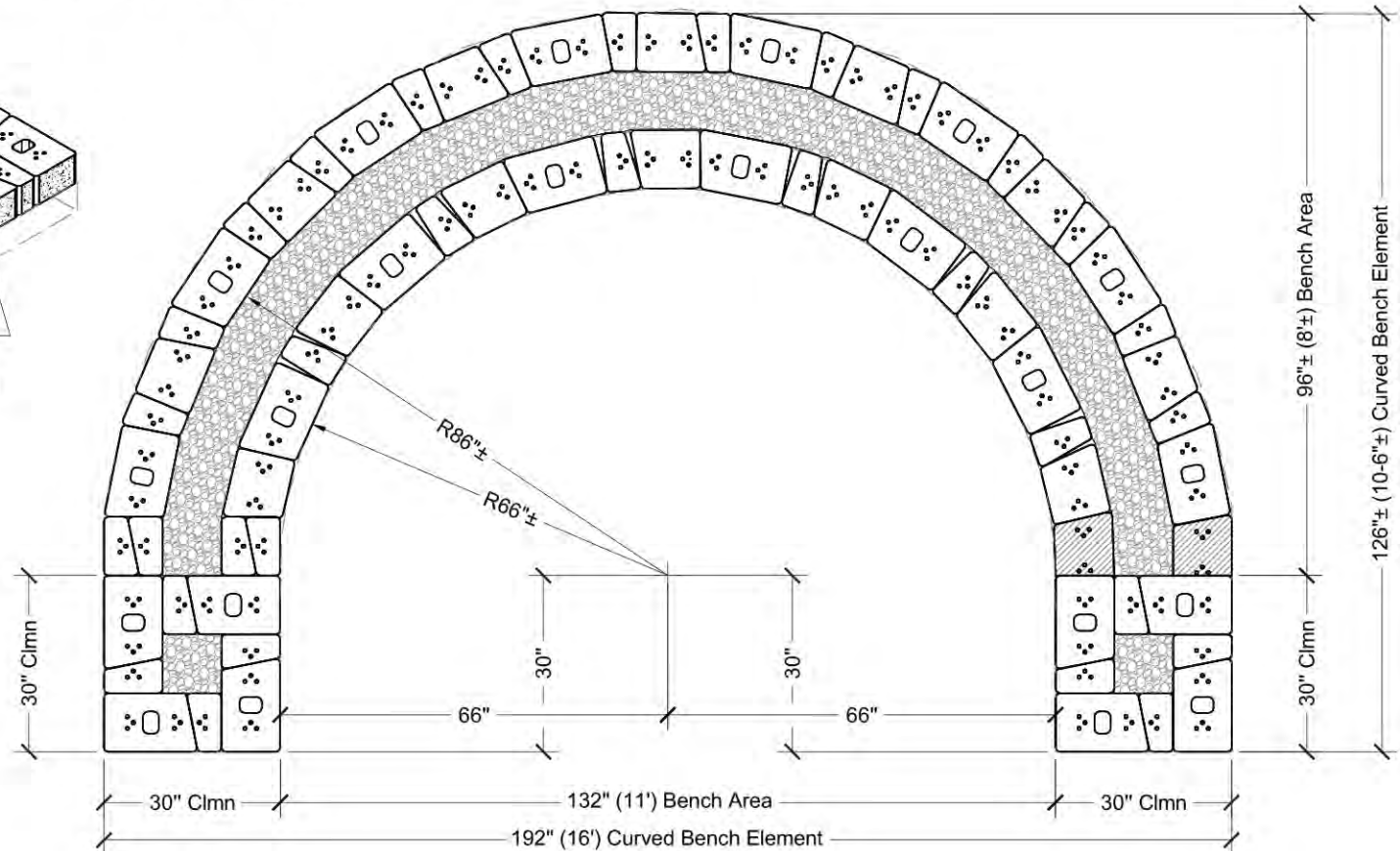


**Block Cutting Note:**  
Block units to be cut are labeled with angular hatching.

2nd Course Below

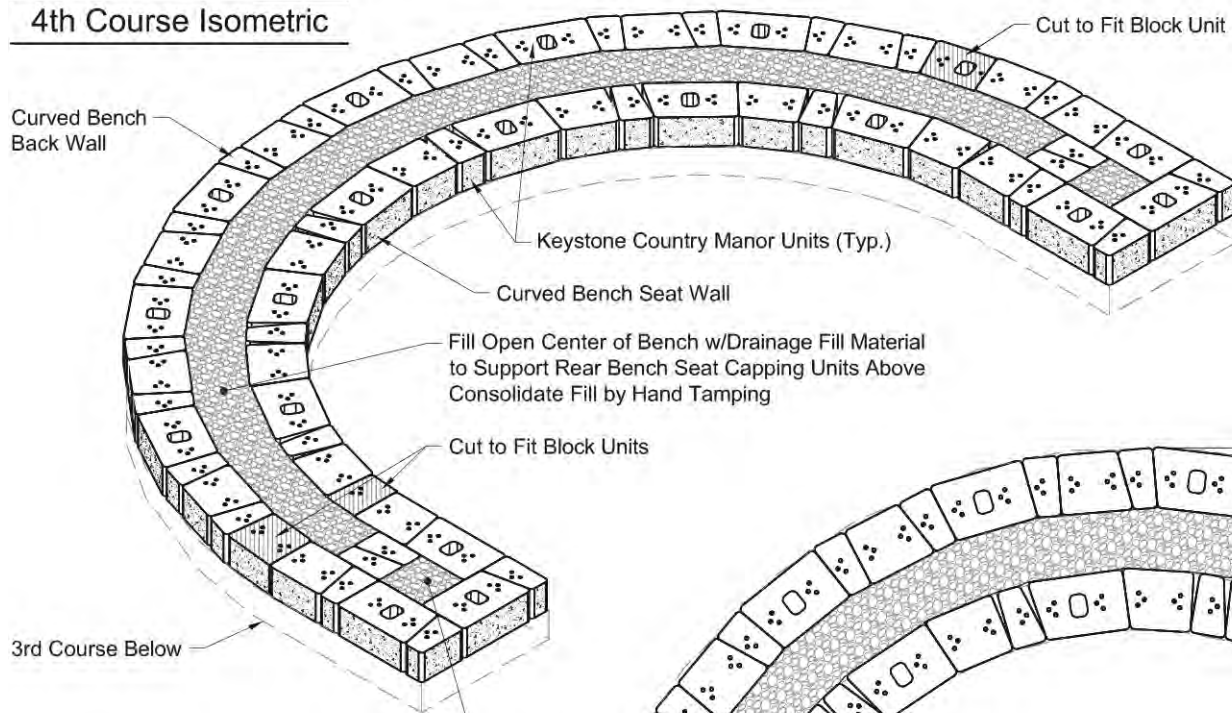
Fill Open Center Area w/Drainage Fill Material to Support Capping Units Above Consolidate Fill by Hand Tamping (Both Sides)

## 3rd Course Plan



# COURSE BY COURSE INSTRUCTIONS

## 4th Course Isometric



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

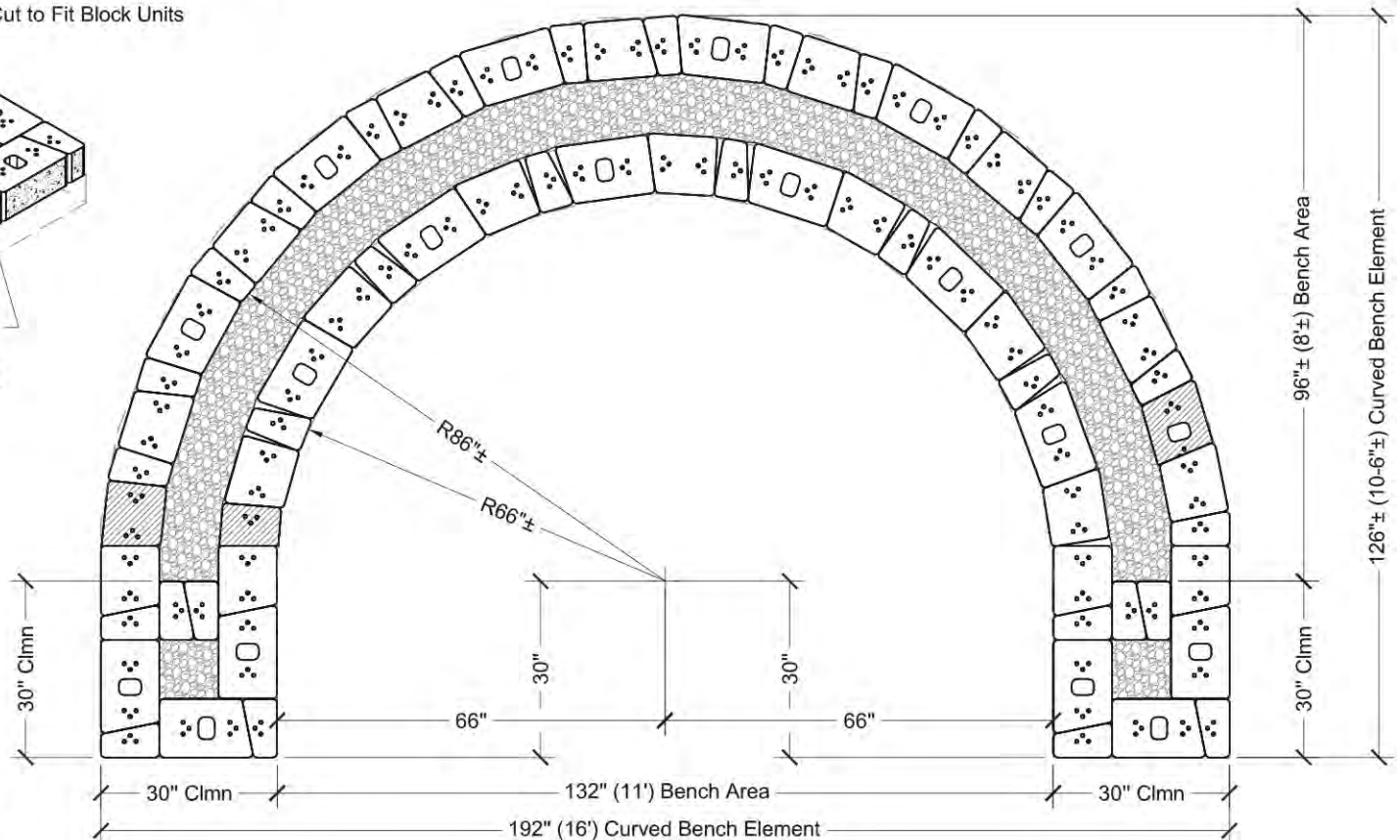
### Block Cutting Note:

Block units to be cut are labeled with angular hatching.

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

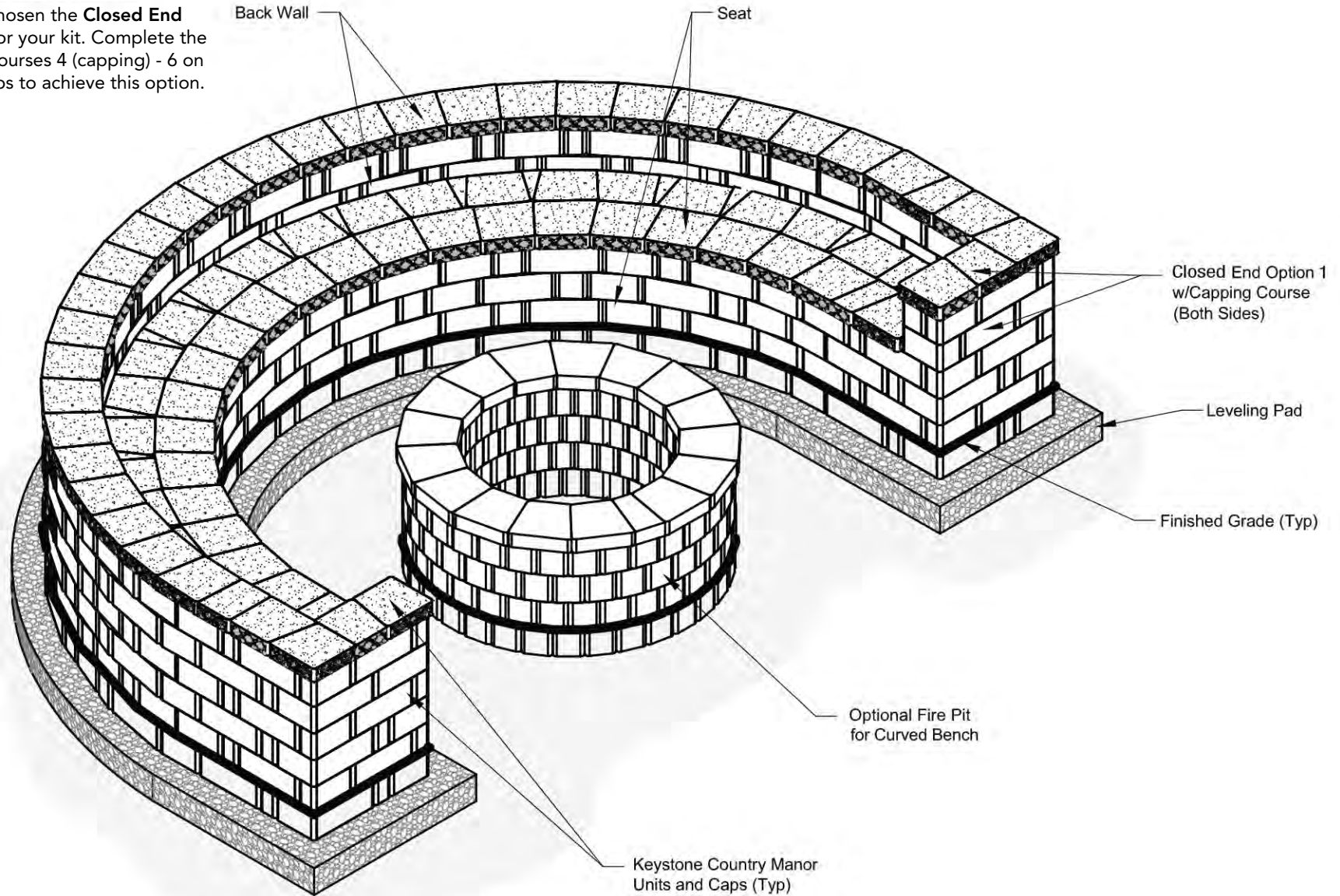
## 4th Course Plan





## Closed End Option

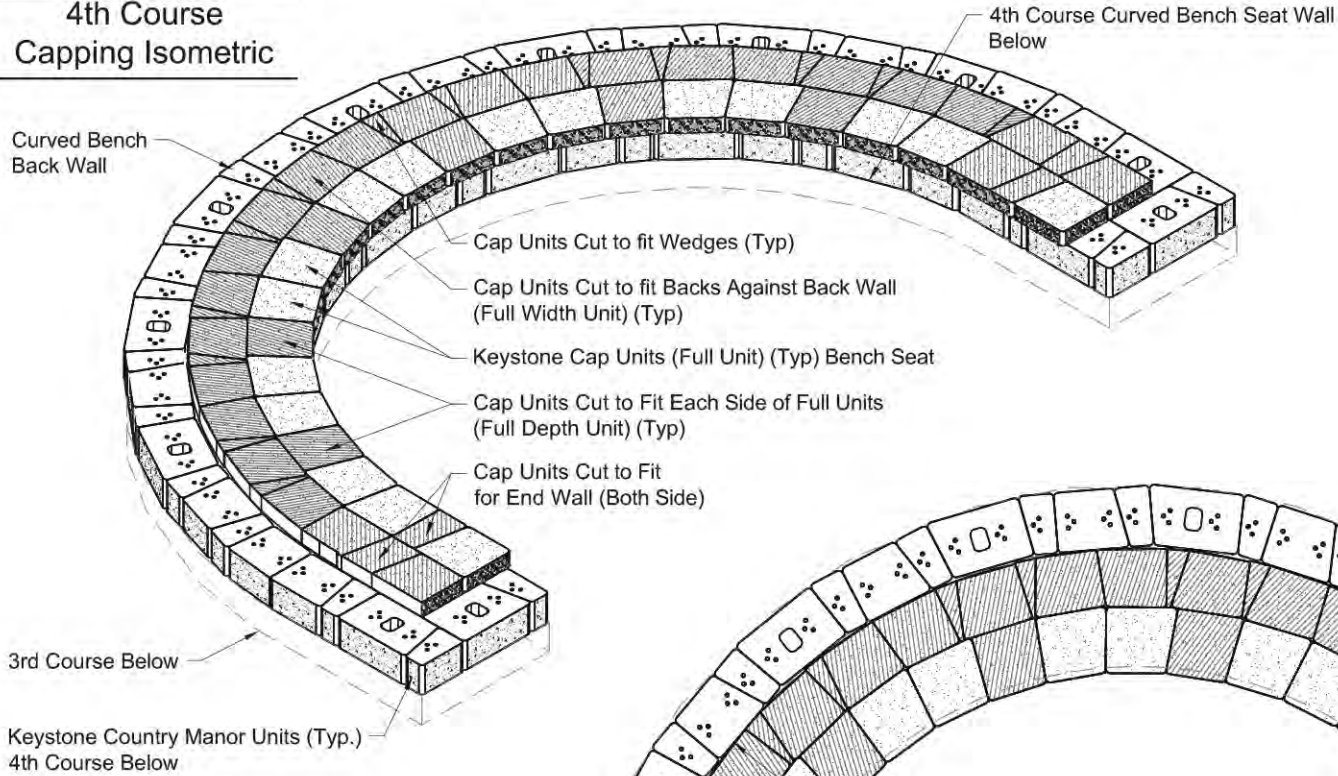
You have chosen the **Closed End Option 1** for your kit. Complete the following courses 4 (capping) - 6 on the **Red** tabs to achieve this option.



# COURSE BY COURSE INSTRUCTIONS

Option 1

## 4th Course Capping Isometric



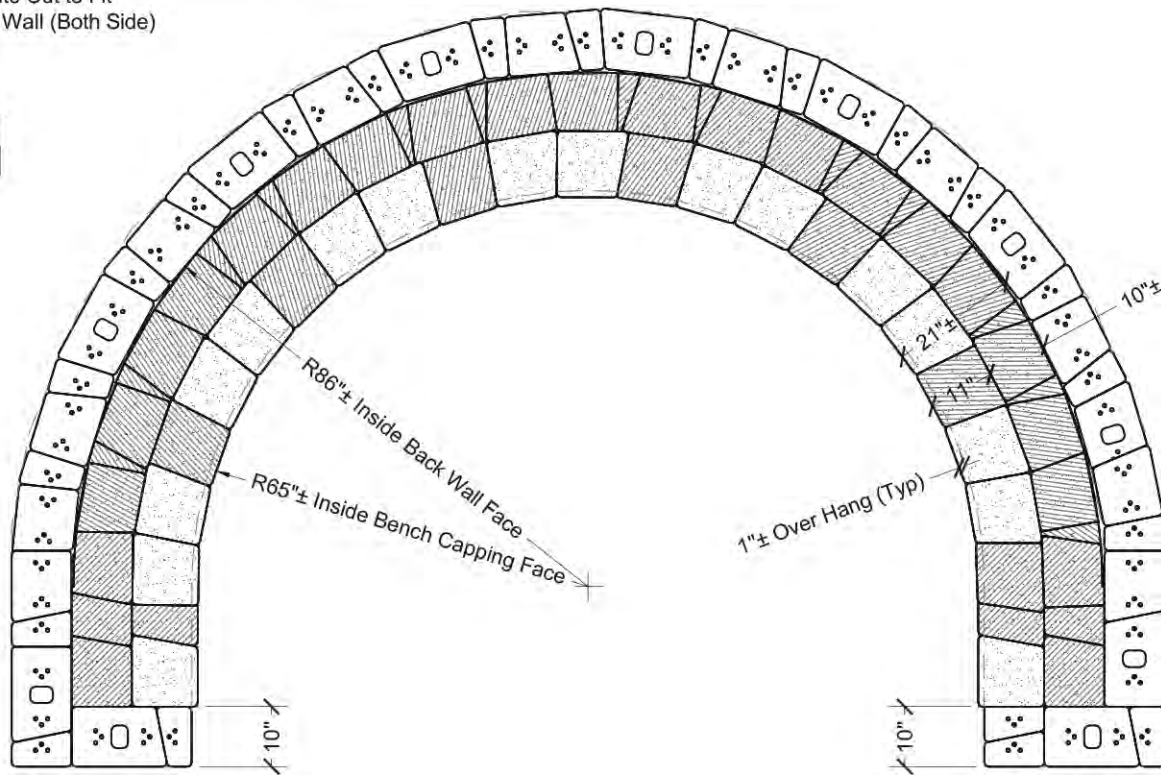
### Block Cutting Note:

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.

## 4th Course Capping Plan

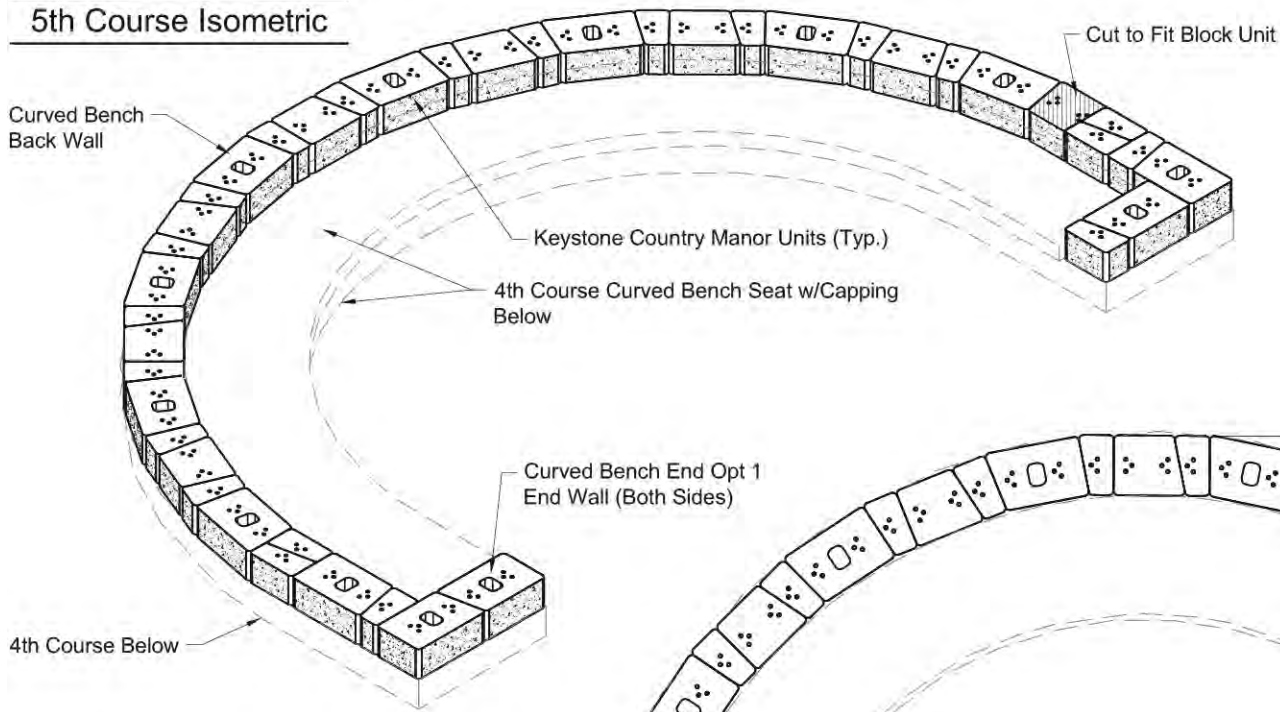




# COURSE BY COURSE INSTRUCTIONS

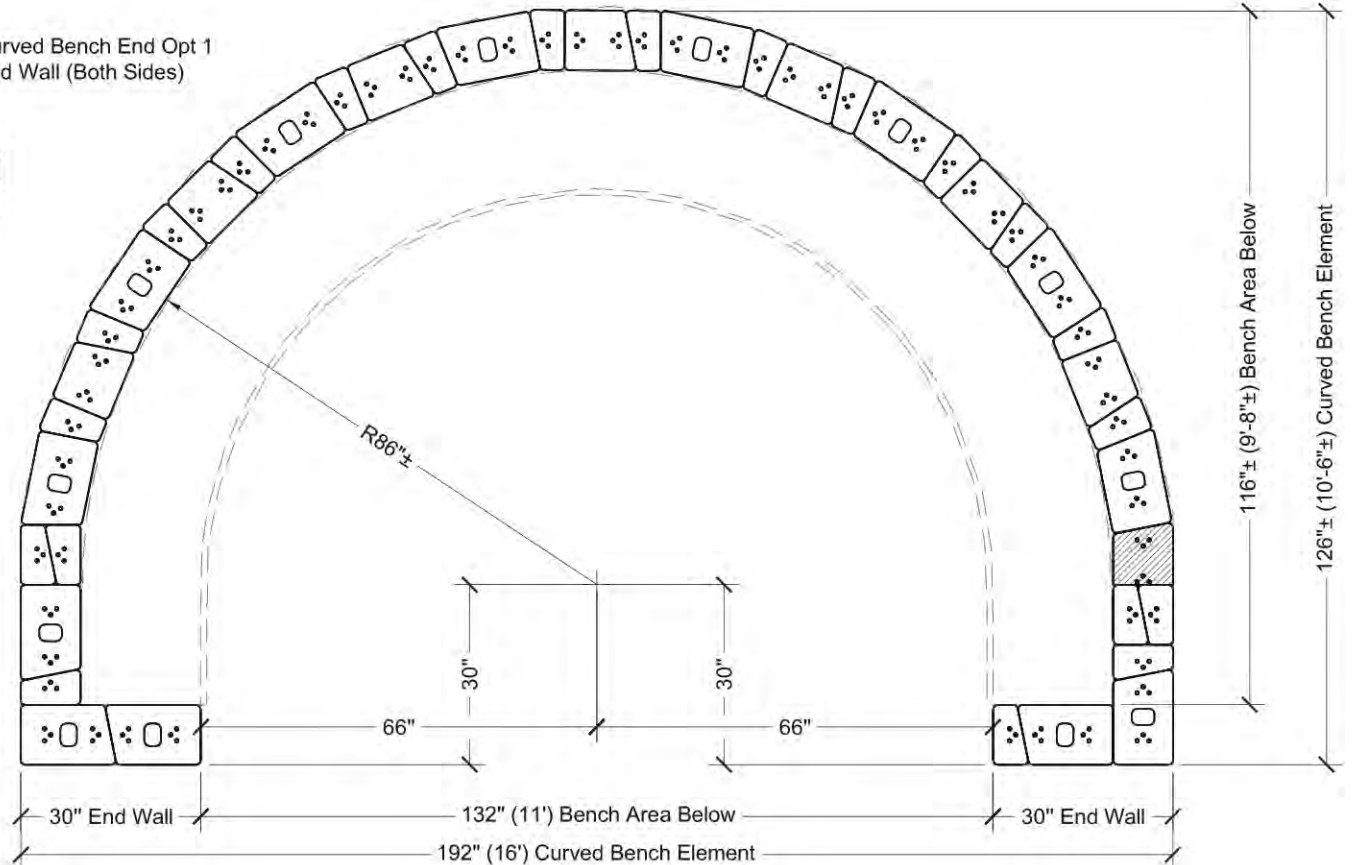
Option 1

5th Course Isometric



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

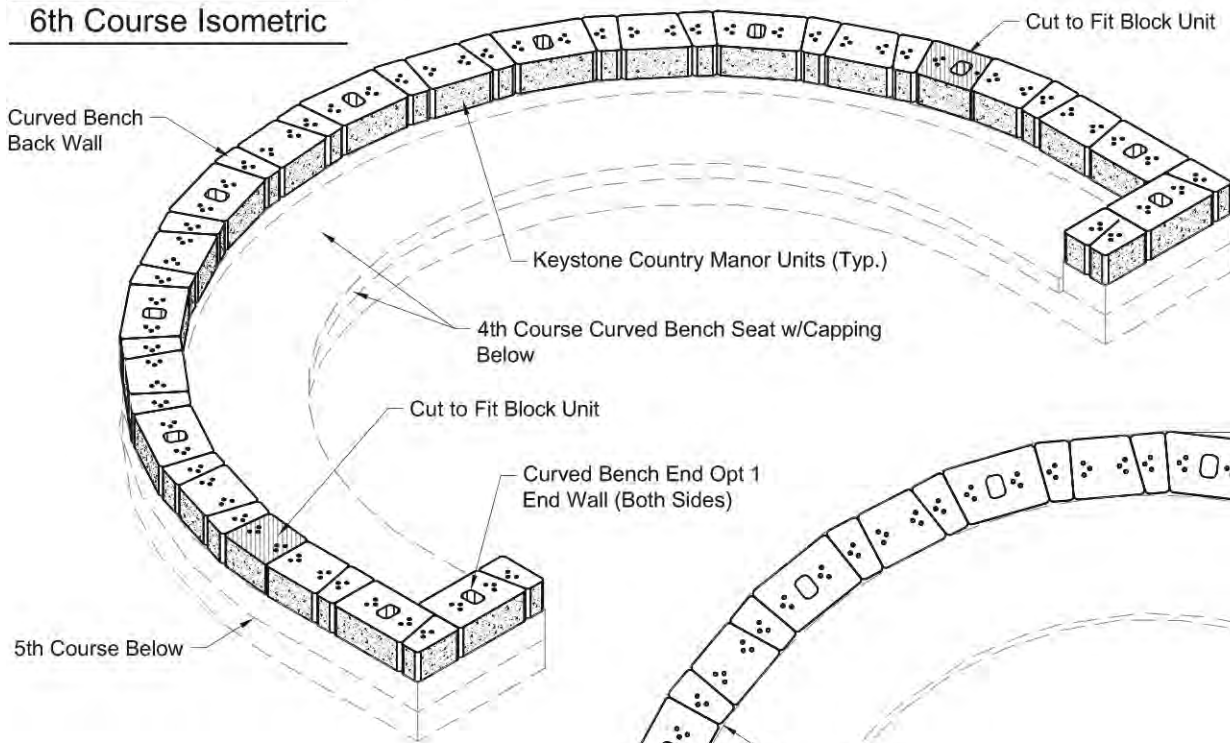
5th Course Plan



# COURSE BY COURSE INSTRUCTIONS

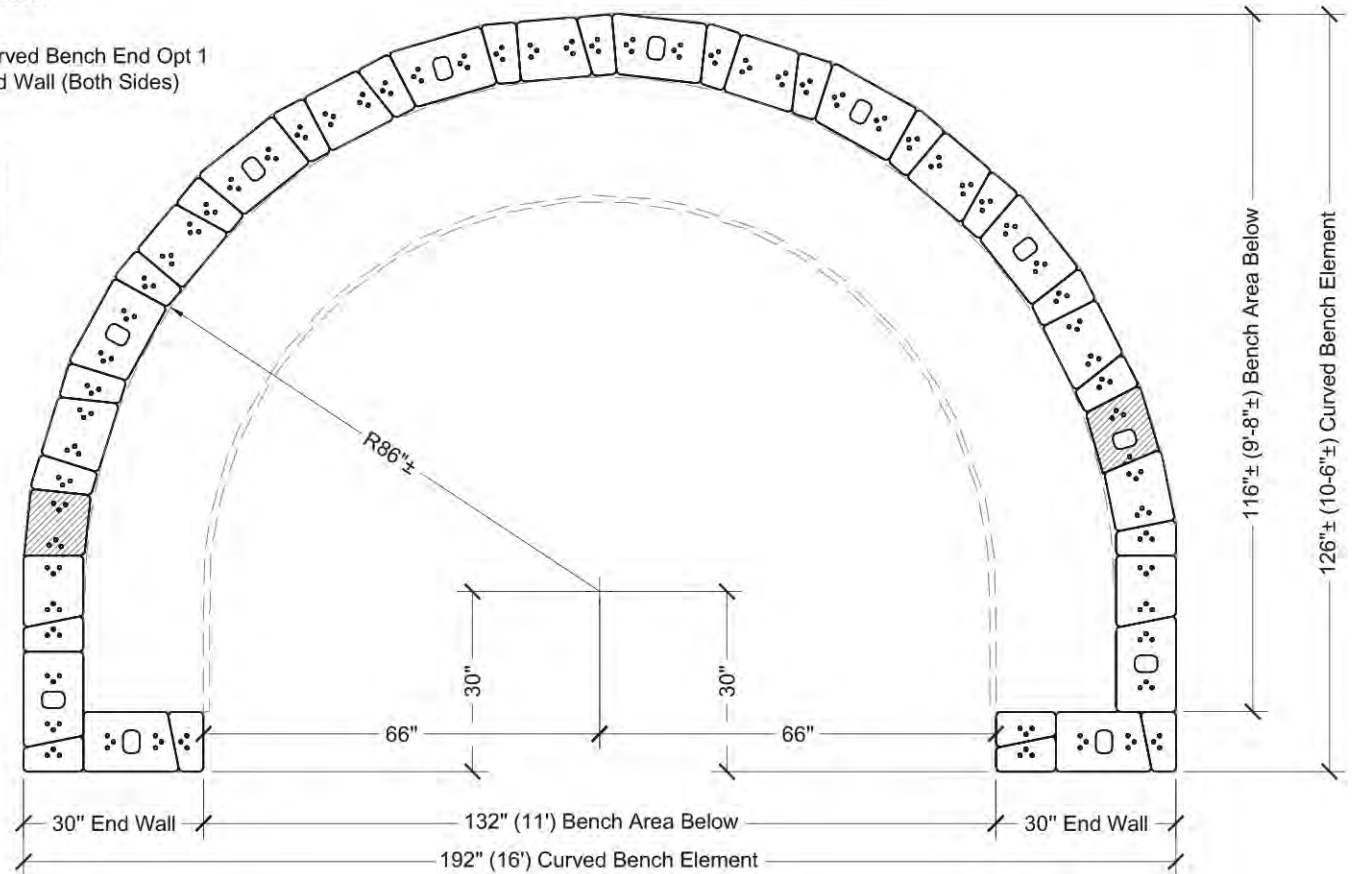
Option 1

## 6th Course Isometric



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

## 6th Course Plan

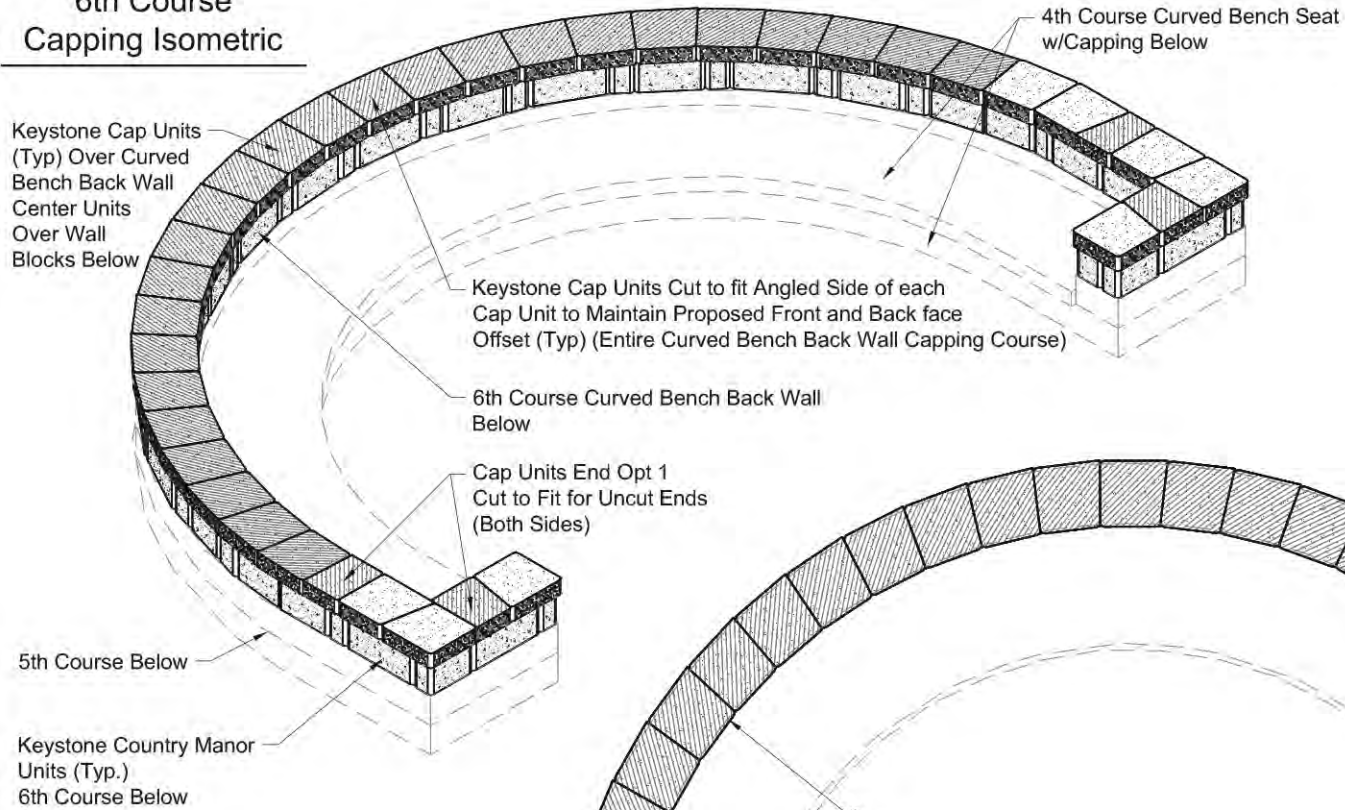




# COURSE BY COURSE INSTRUCTIONS

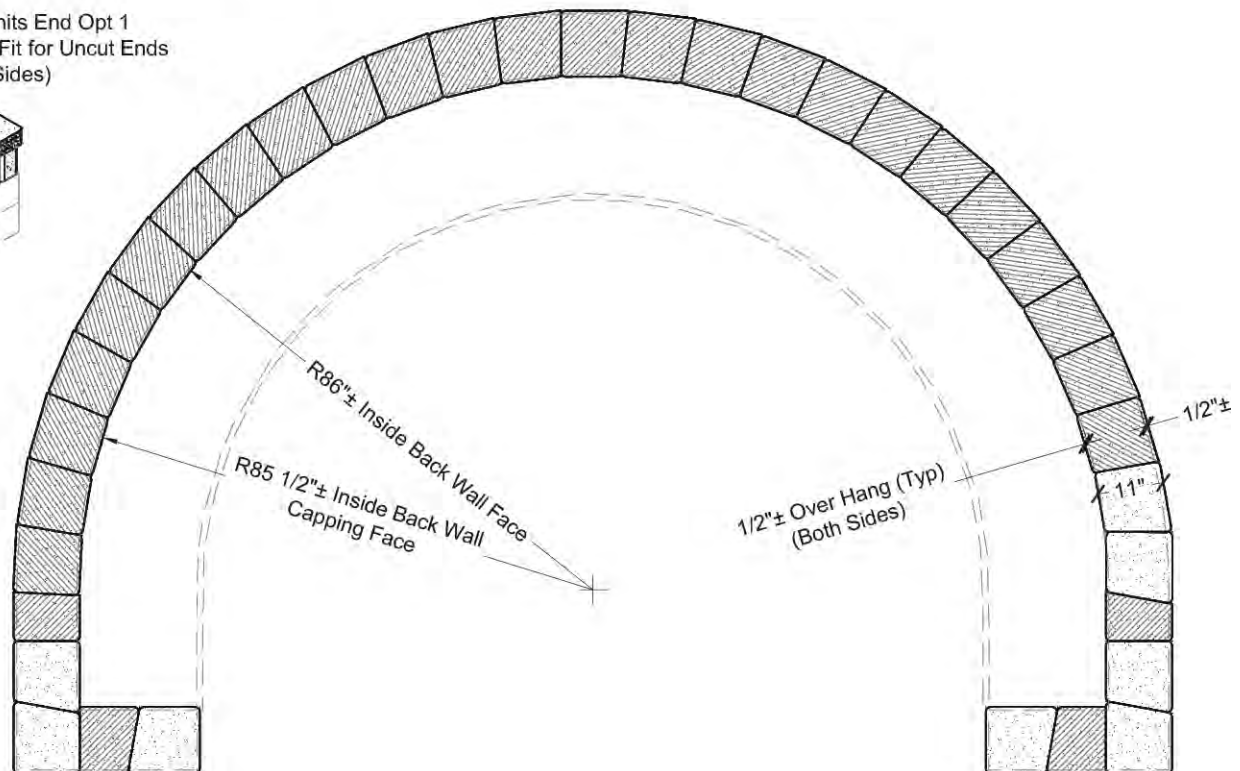
Option 1

## 6th Course Capping Isometric



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

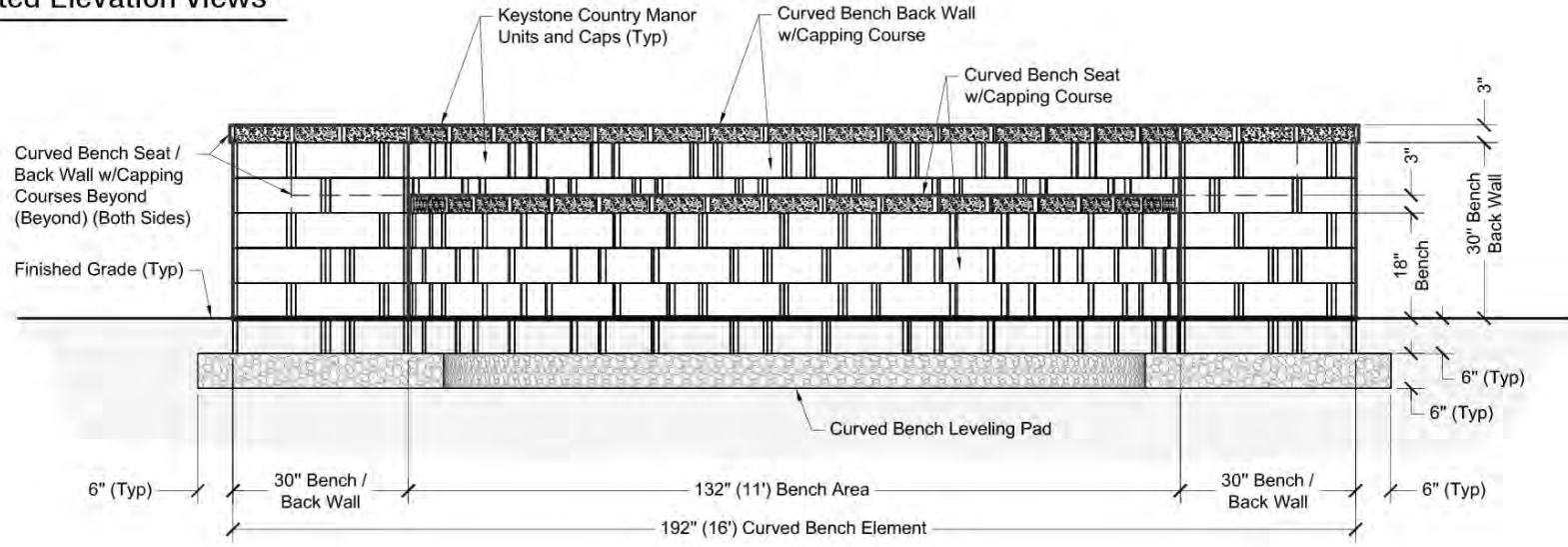
## 6th Course Capping Plan



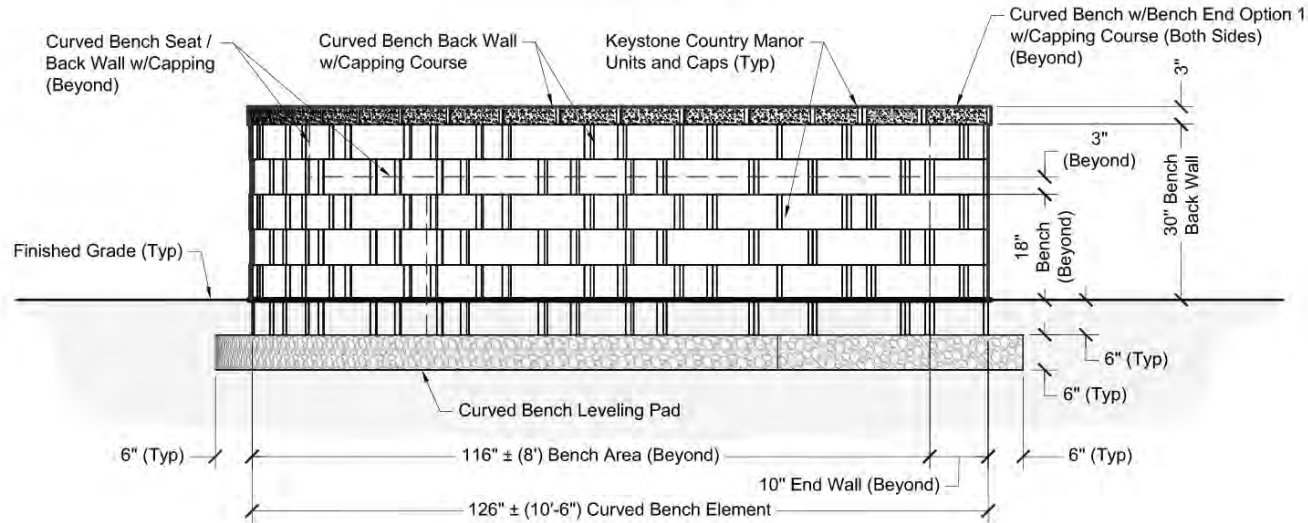
# COURSE BY COURSE INSTRUCTIONS

Option 1

## Completed Elevation Views



**FRONT ELEVATION**

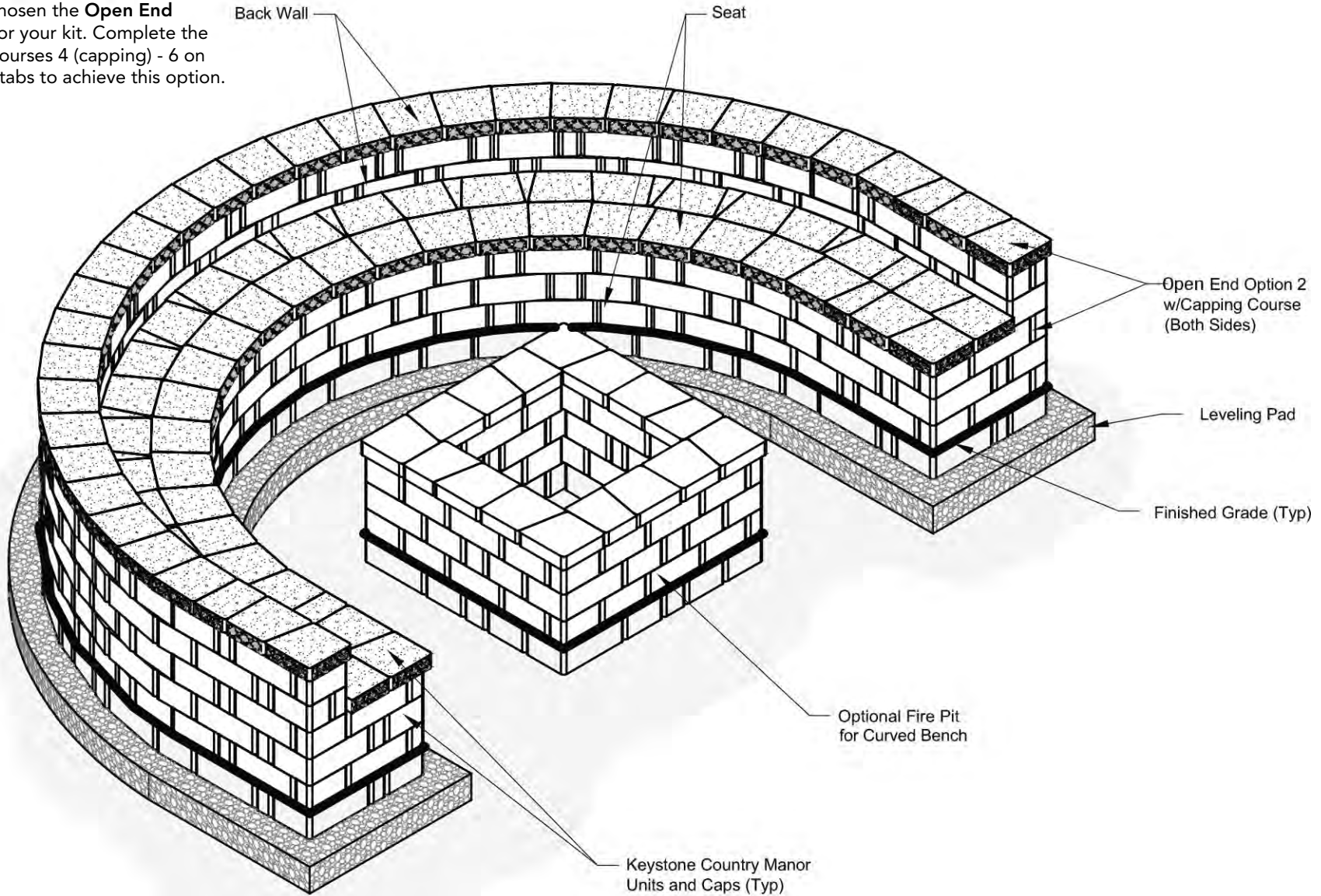


**SIDE ELEVATION**



## Open End Option

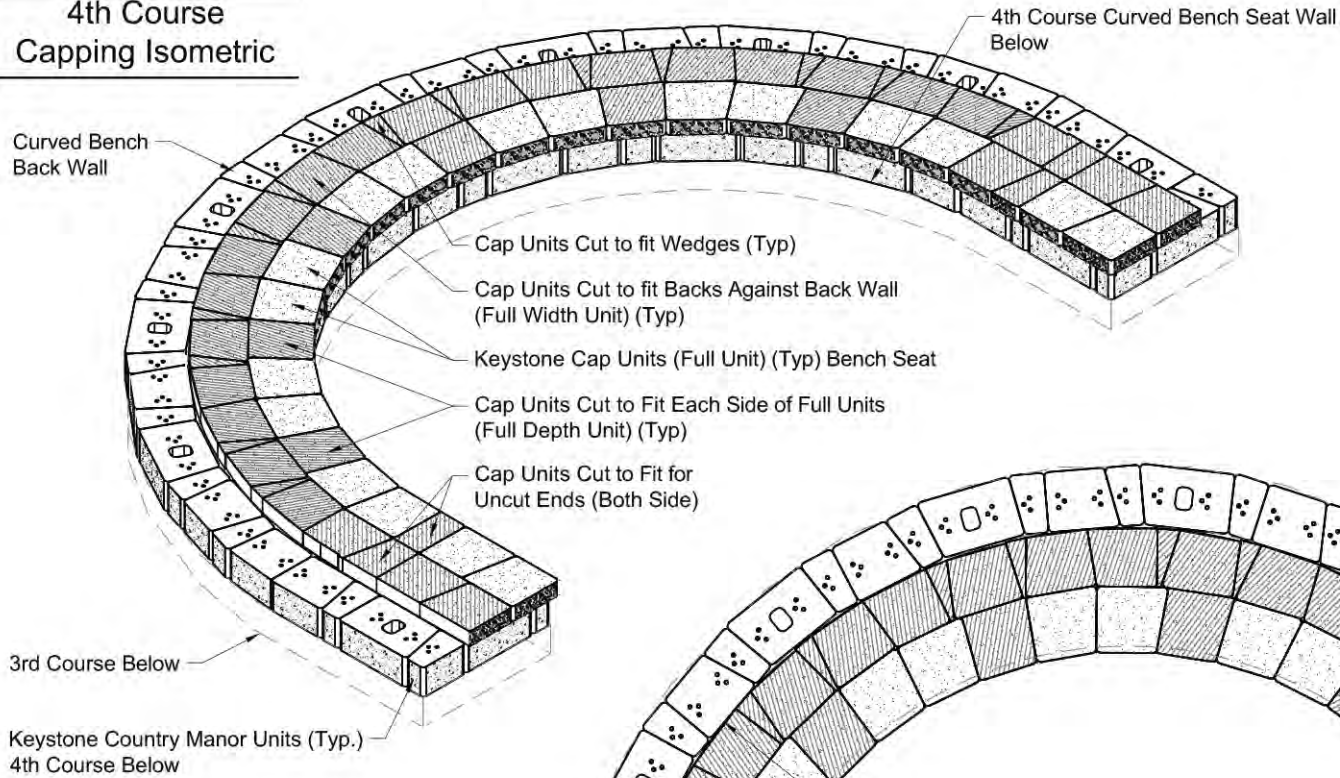
You have chosen the **Open End Option 2** for your kit. Complete the following courses 4 (capping) - 6 on the **Green** tabs to achieve this option.



# COURSE BY COURSE INSTRUCTIONS

Option 2

## 4th Course Capping Isometric



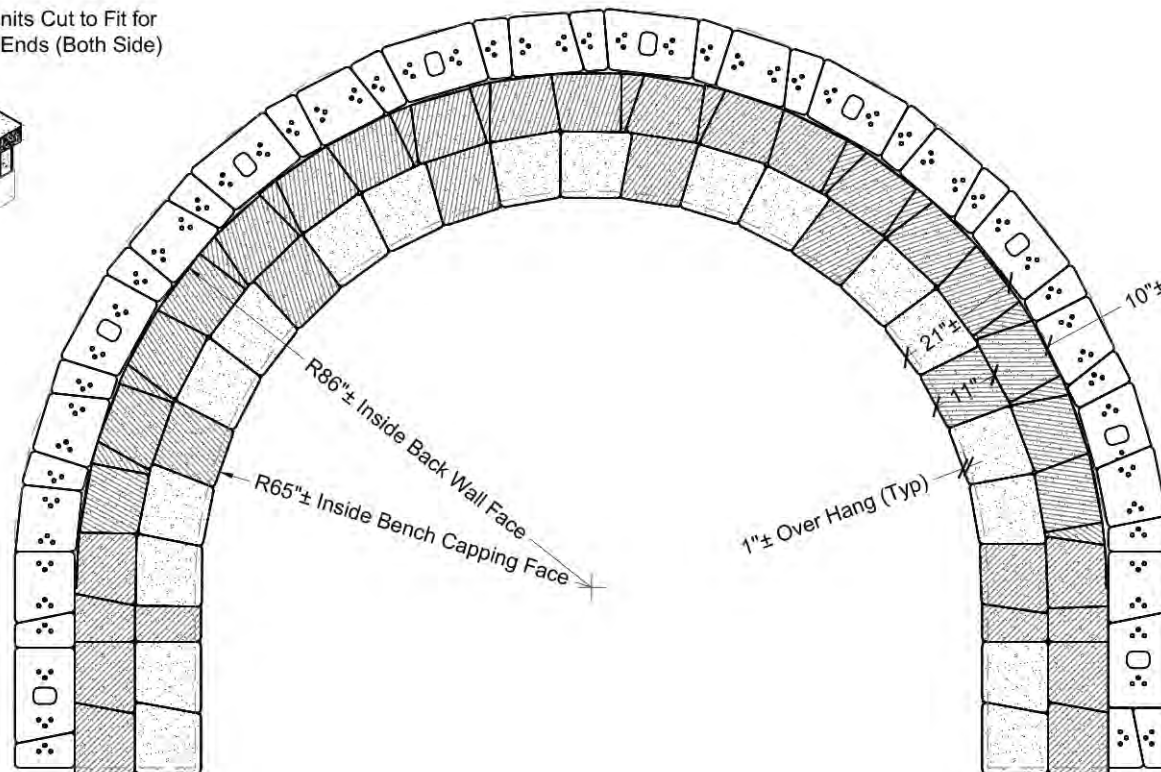
### Block Cutting Note:

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.

## 4th Course Capping Plan

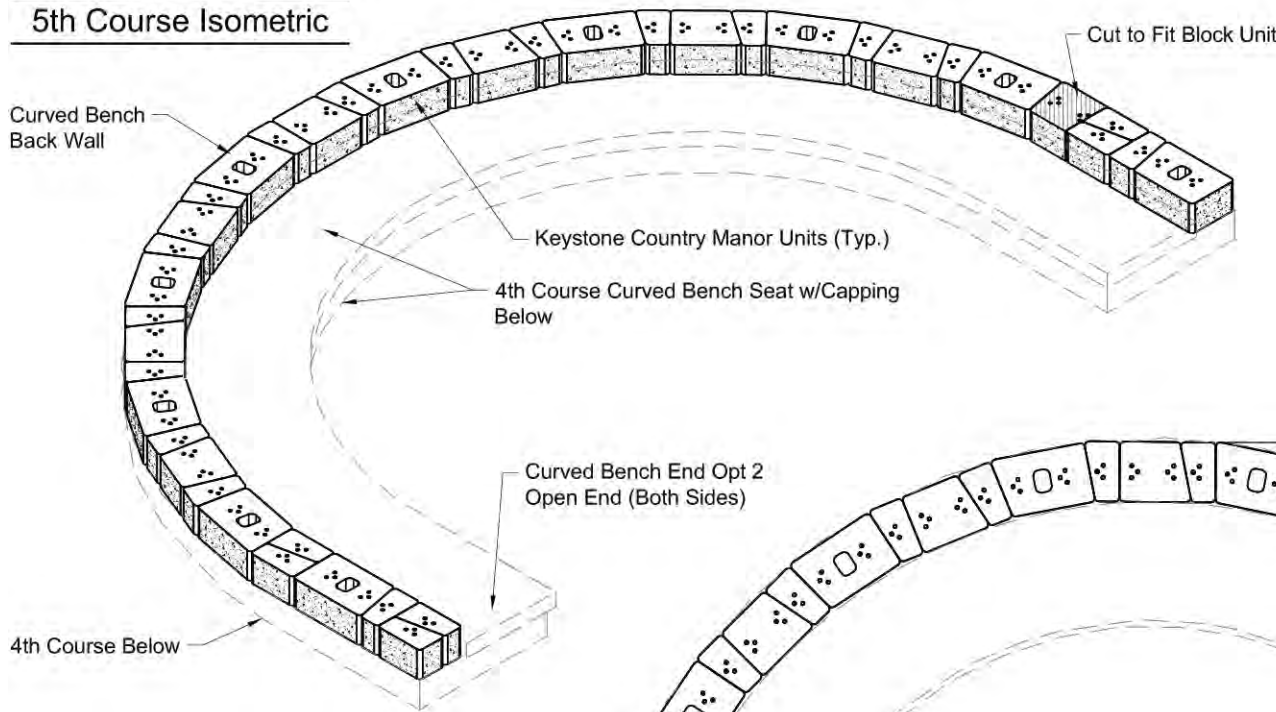




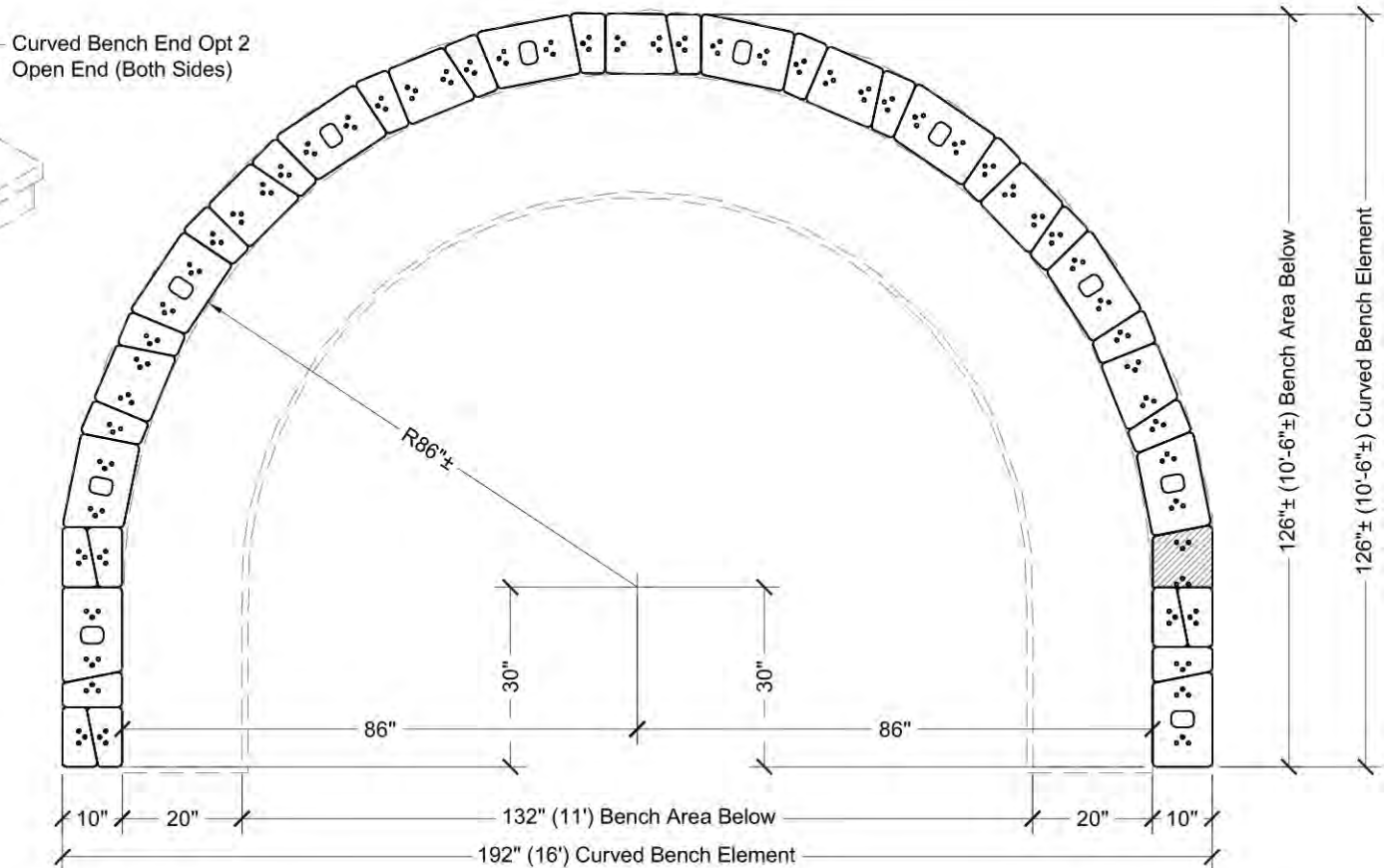
# COURSE BY COURSE INSTRUCTIONS

Option 2

## 5th Course Isometric



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

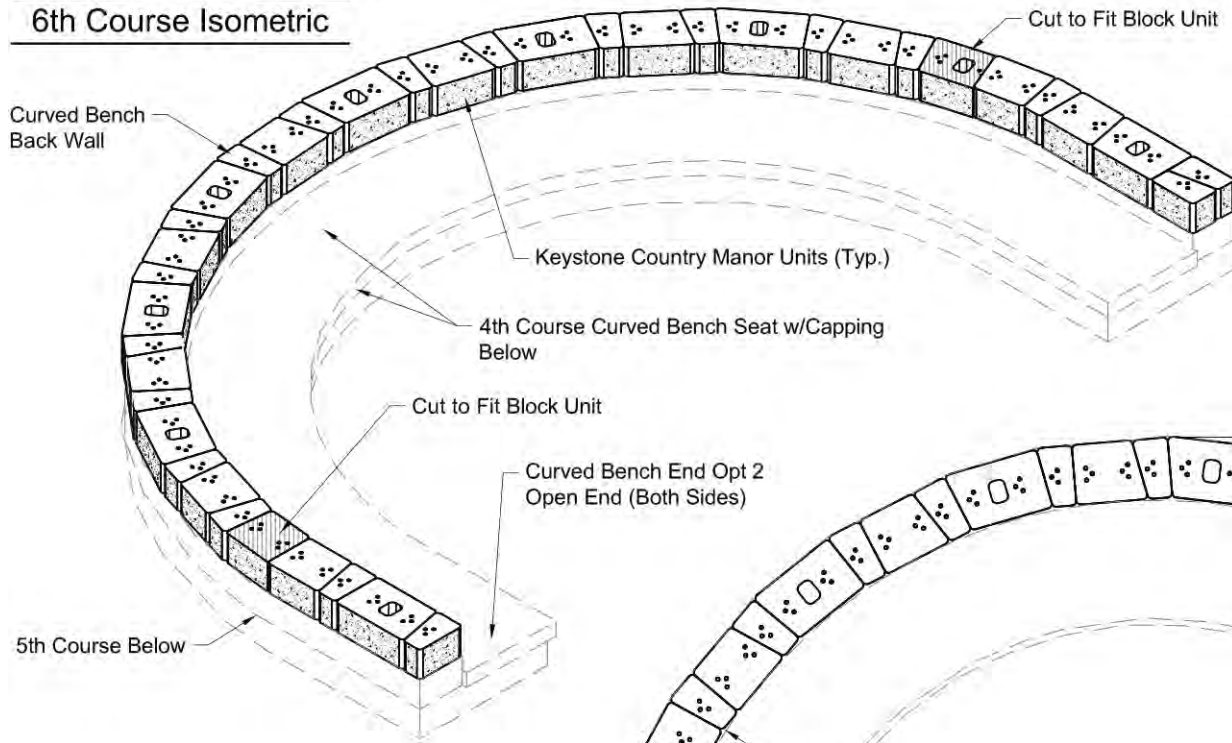


## 5th Course Plan

# COURSE BY COURSE INSTRUCTIONS

Option 2

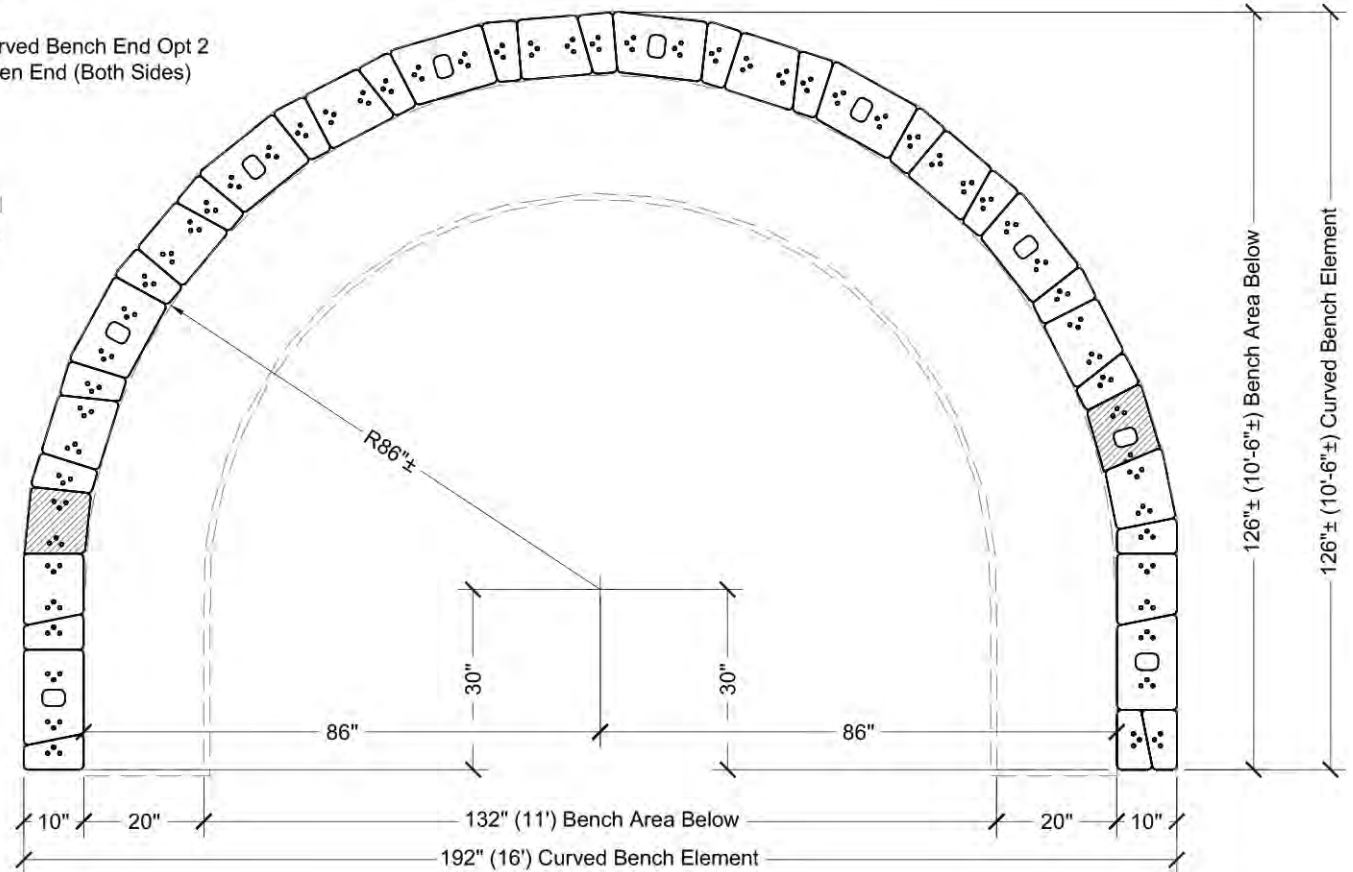
## 6th Course Isometric



### Block Cutting Note:

Block units to be cut are labeled with angular hatching.

## 6th Course Plan

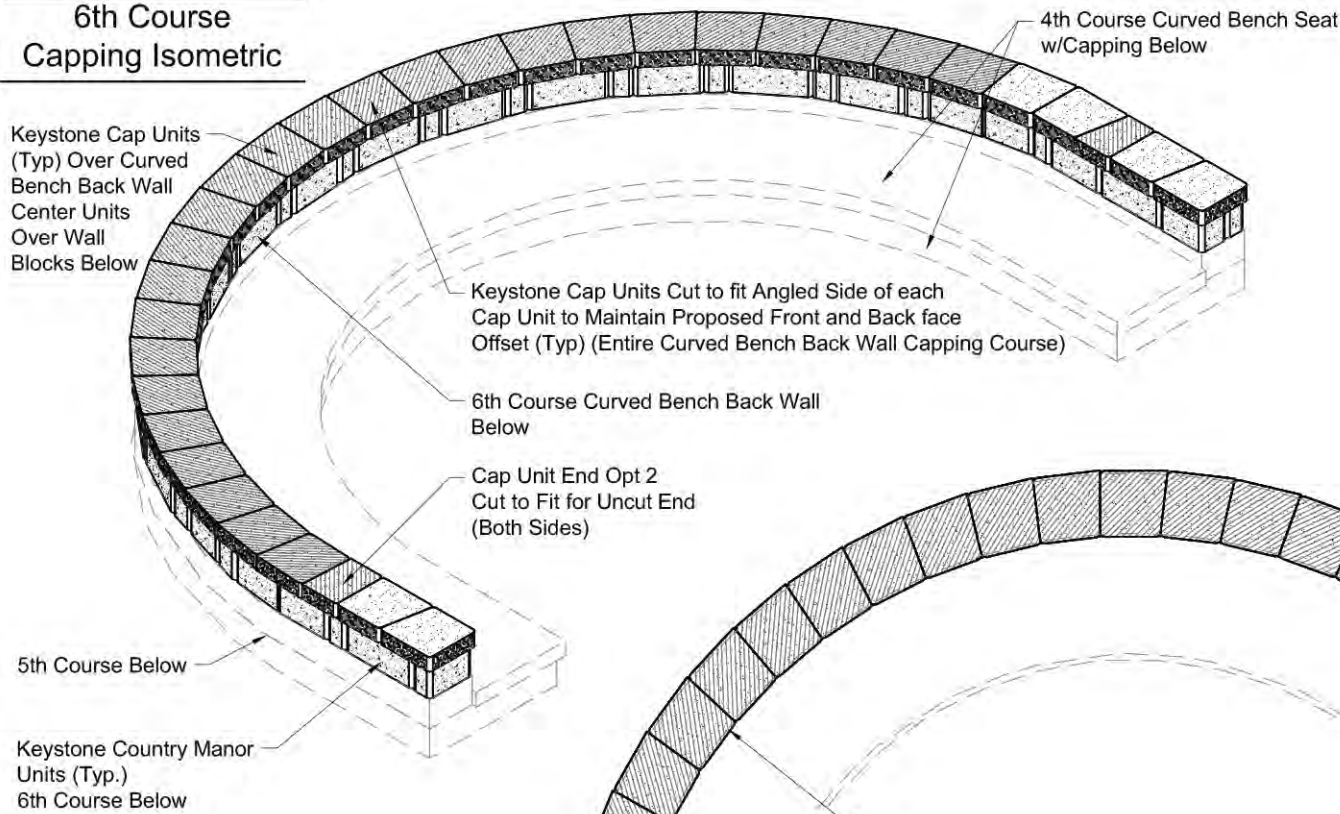




# COURSE BY COURSE INSTRUCTIONS

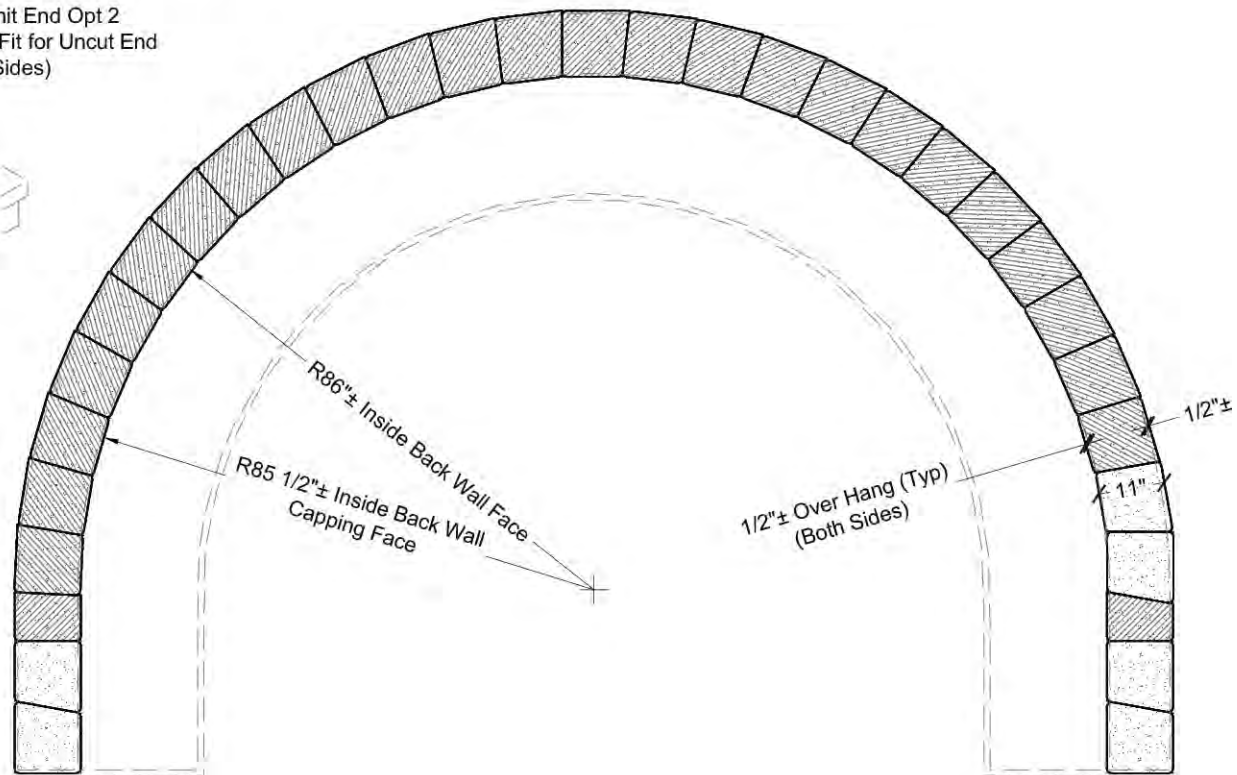
Option 2

## 6th Course Capping Isometric



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

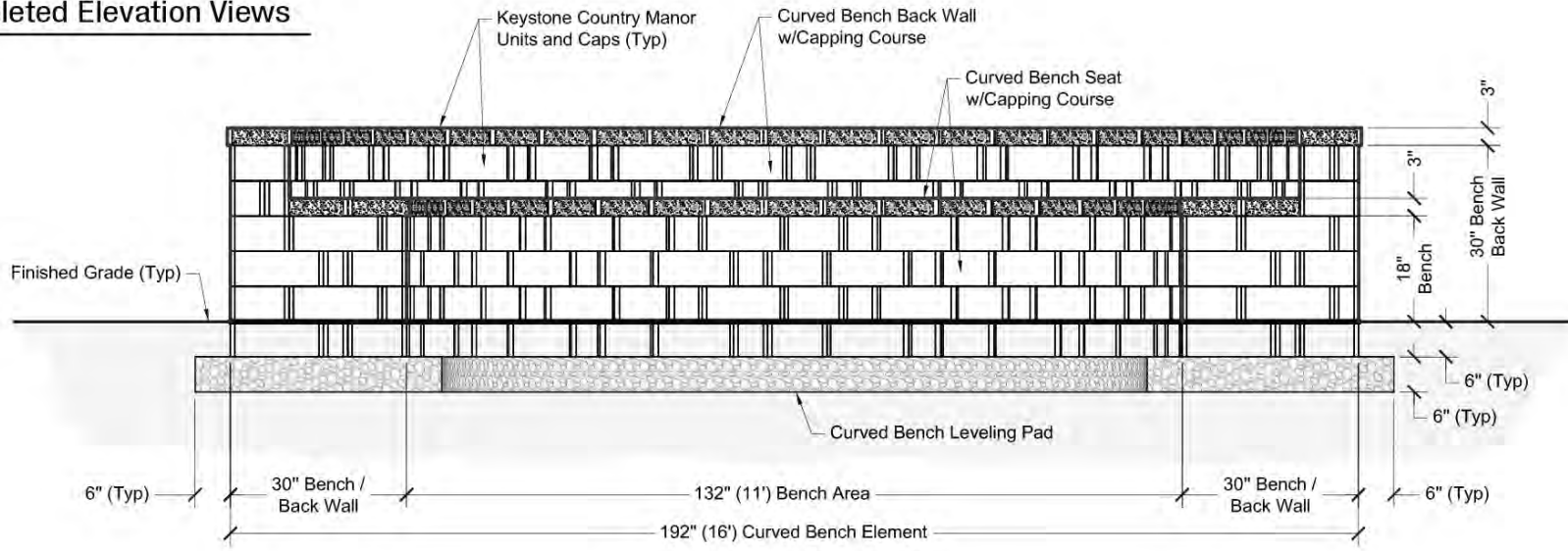
## 6th Course Capping Plan



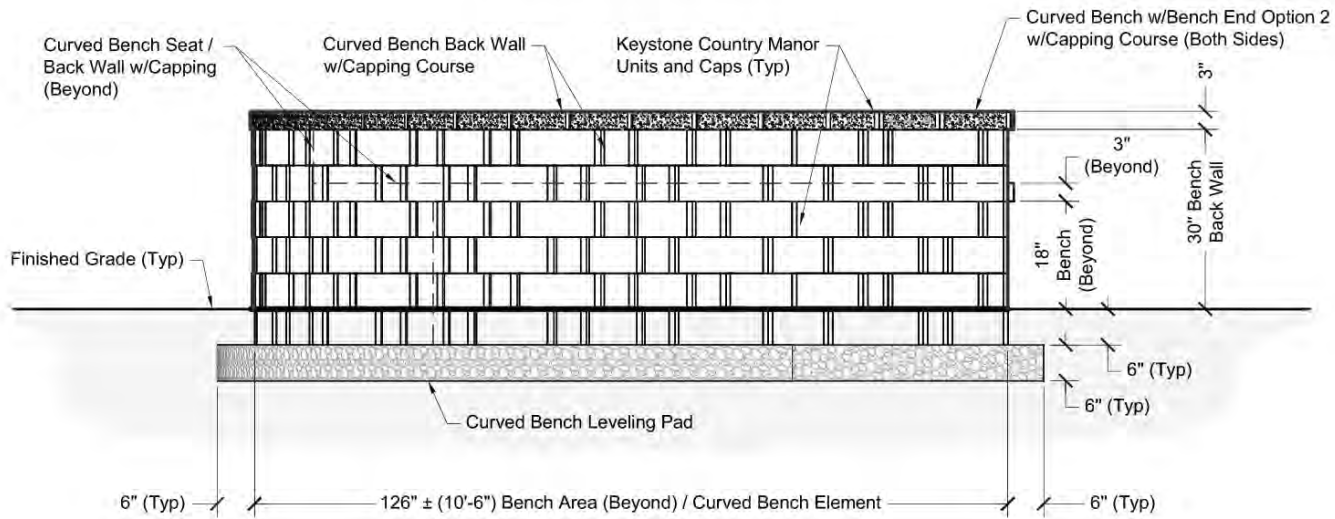
# COURSE BY COURSE INSTRUCTIONS

Option 2

## Completed Elevation Views



**FRONT ELEVATION**

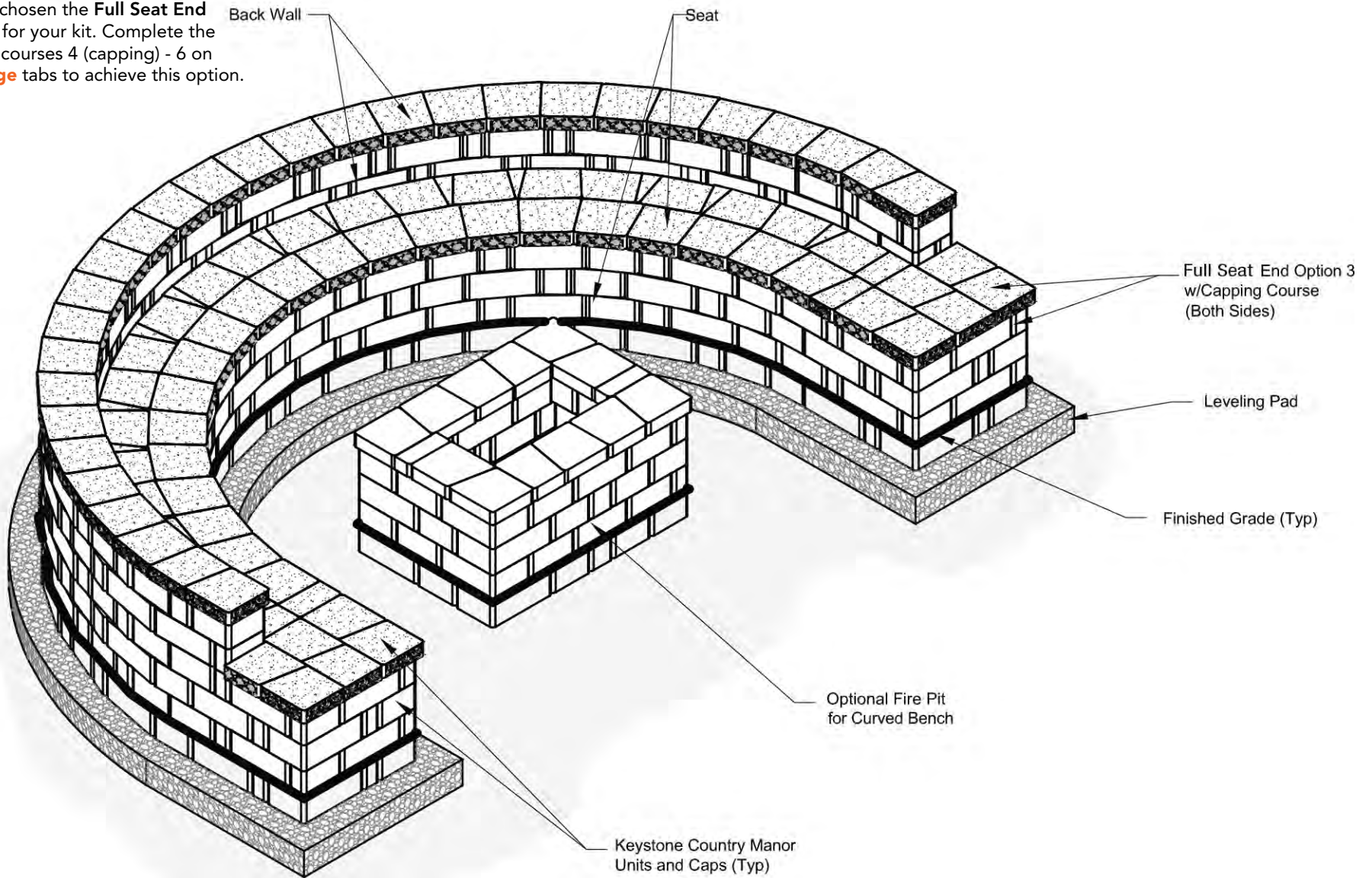


**SIDE ELEVATION**



## Full Seat End Option

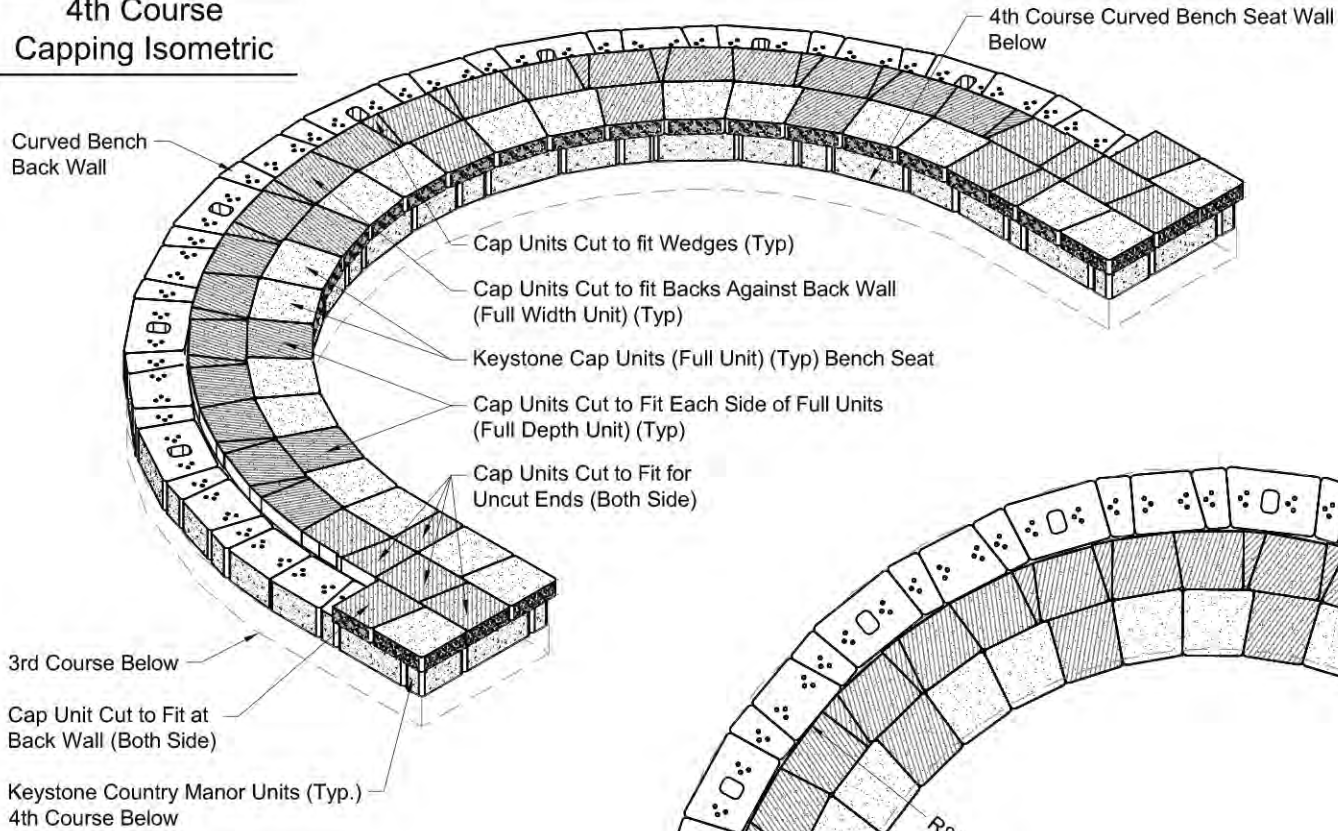
You have chosen the **Full Seat End Option 3** for your kit. Complete the following courses 4 (capping) - 6 on the **Orange** tabs to achieve this option.



# COURSE BY COURSE INSTRUCTIONS

Option 3

## 4th Course Capping Isometric



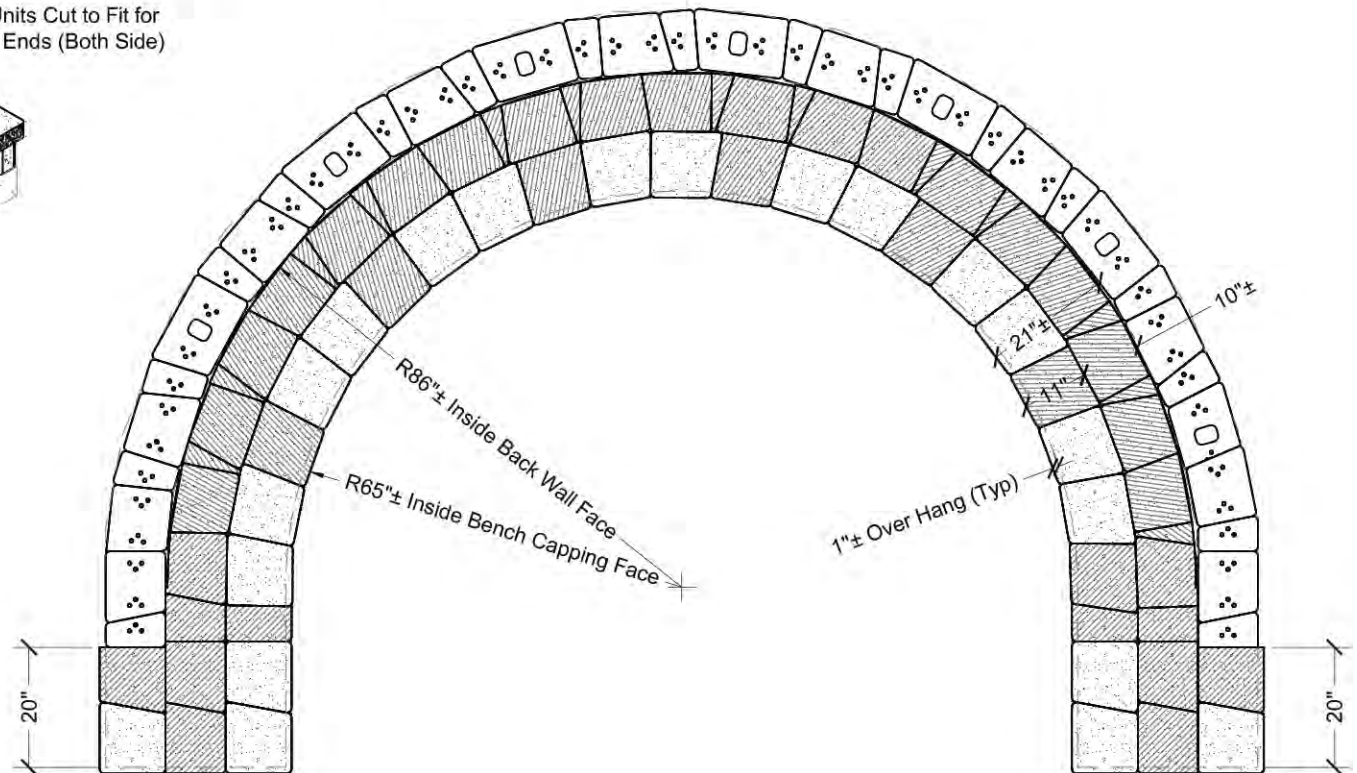
### Block Cutting Note:

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.

## 4th Course Capping Plan

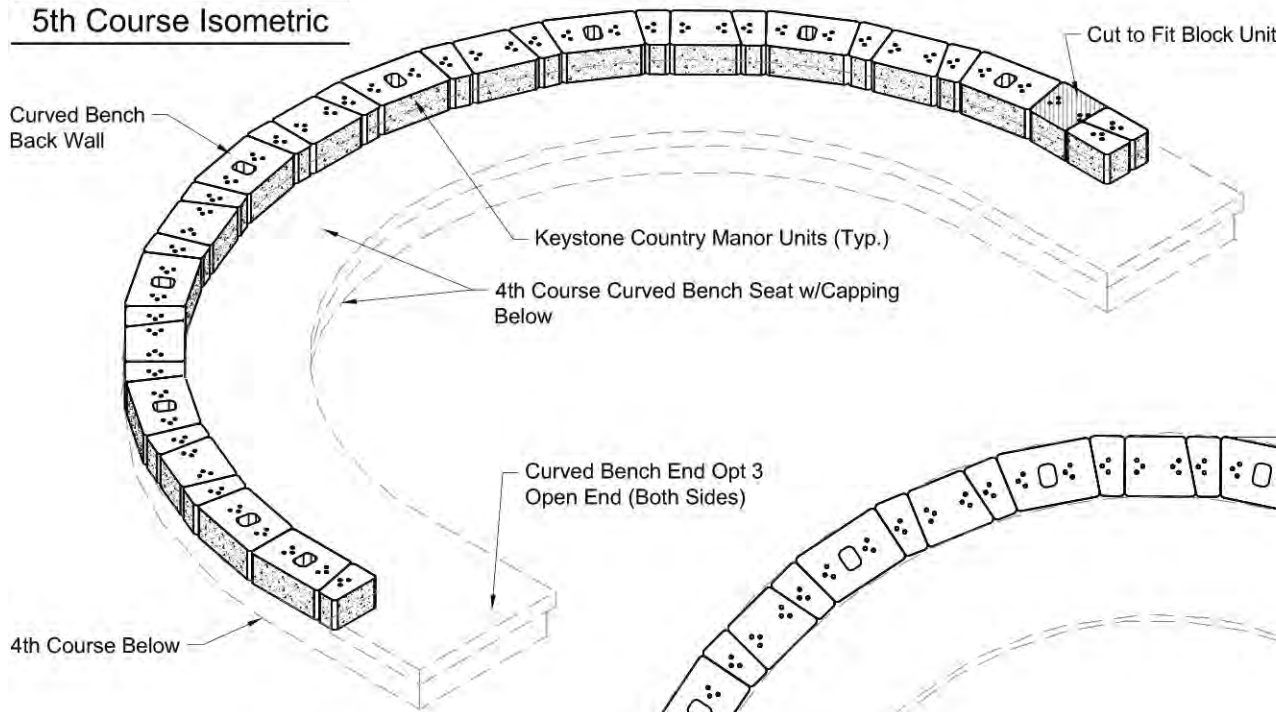




# COURSE BY COURSE INSTRUCTIONS

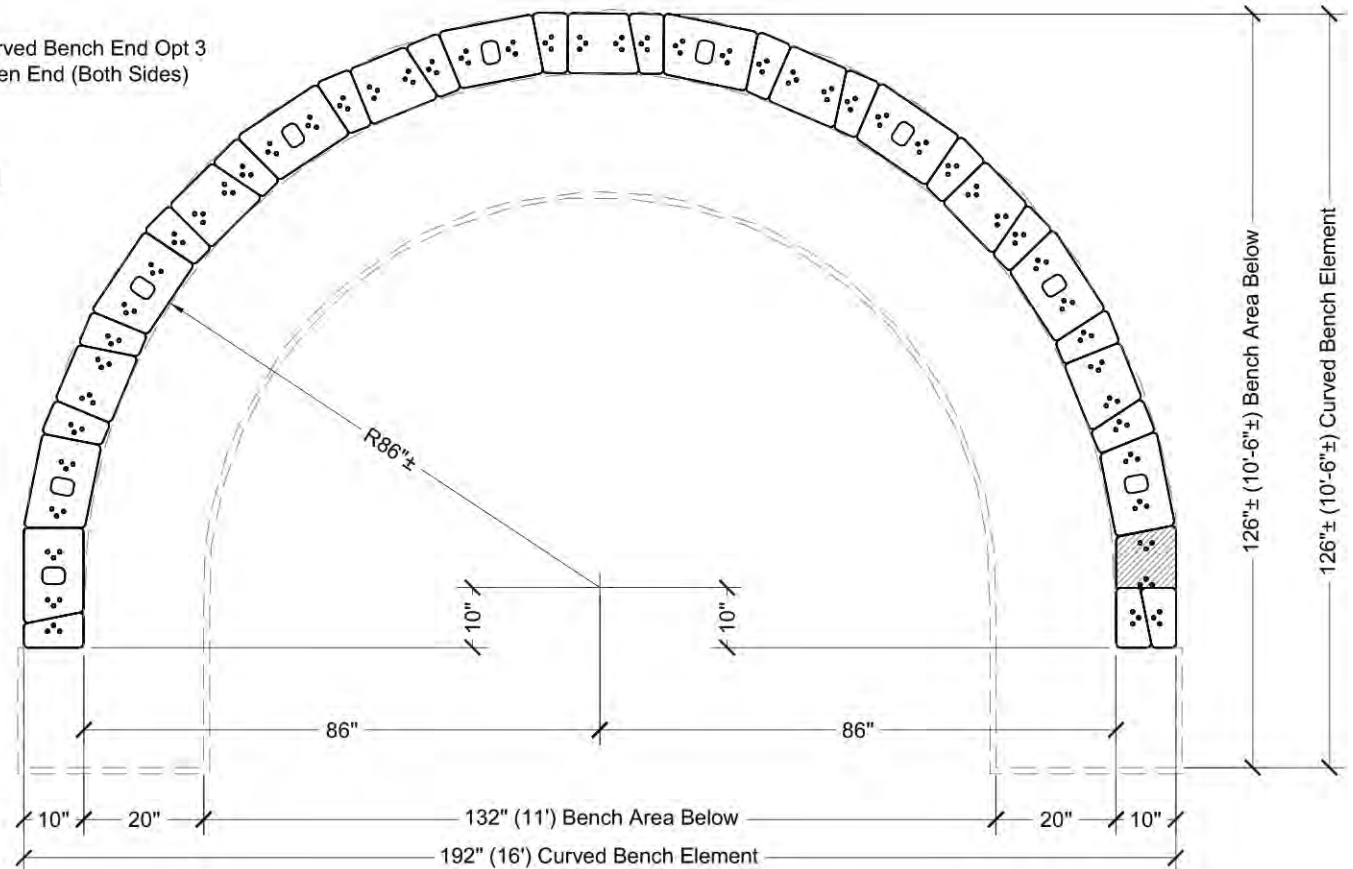
Option 3

## 5th Course Isometric



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

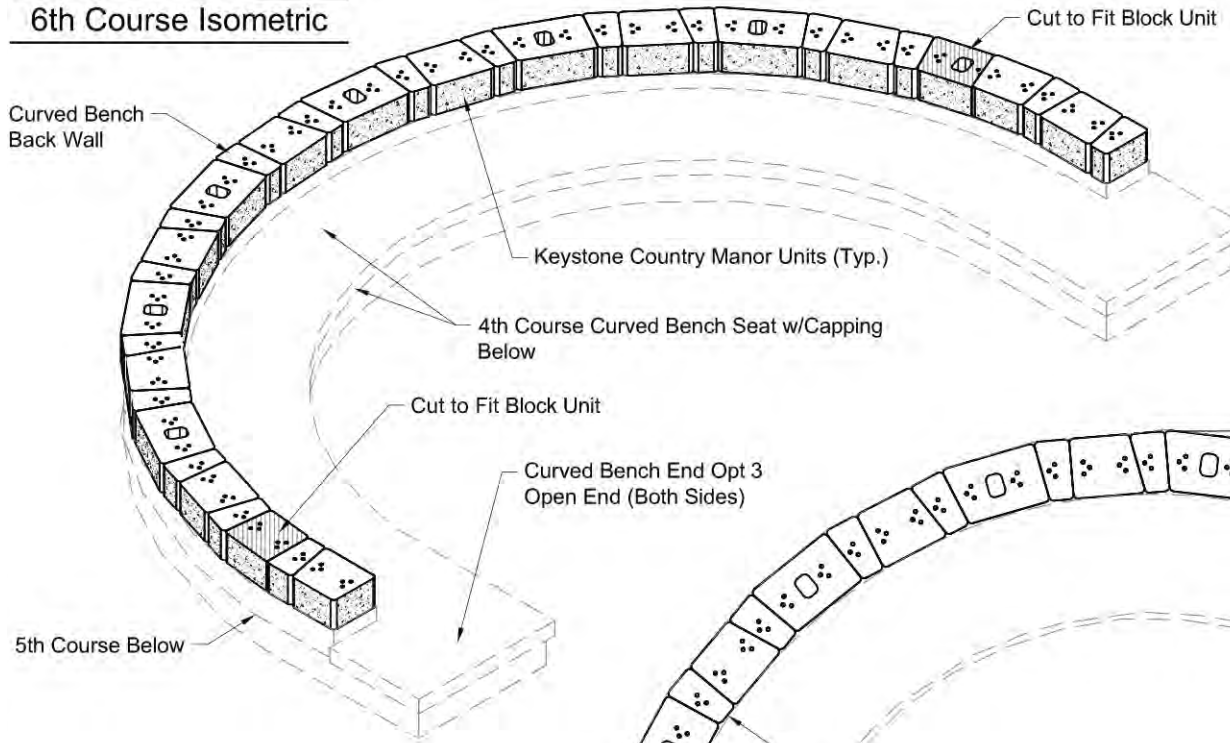
## 5th Course Plan



# COURSE BY COURSE INSTRUCTIONS

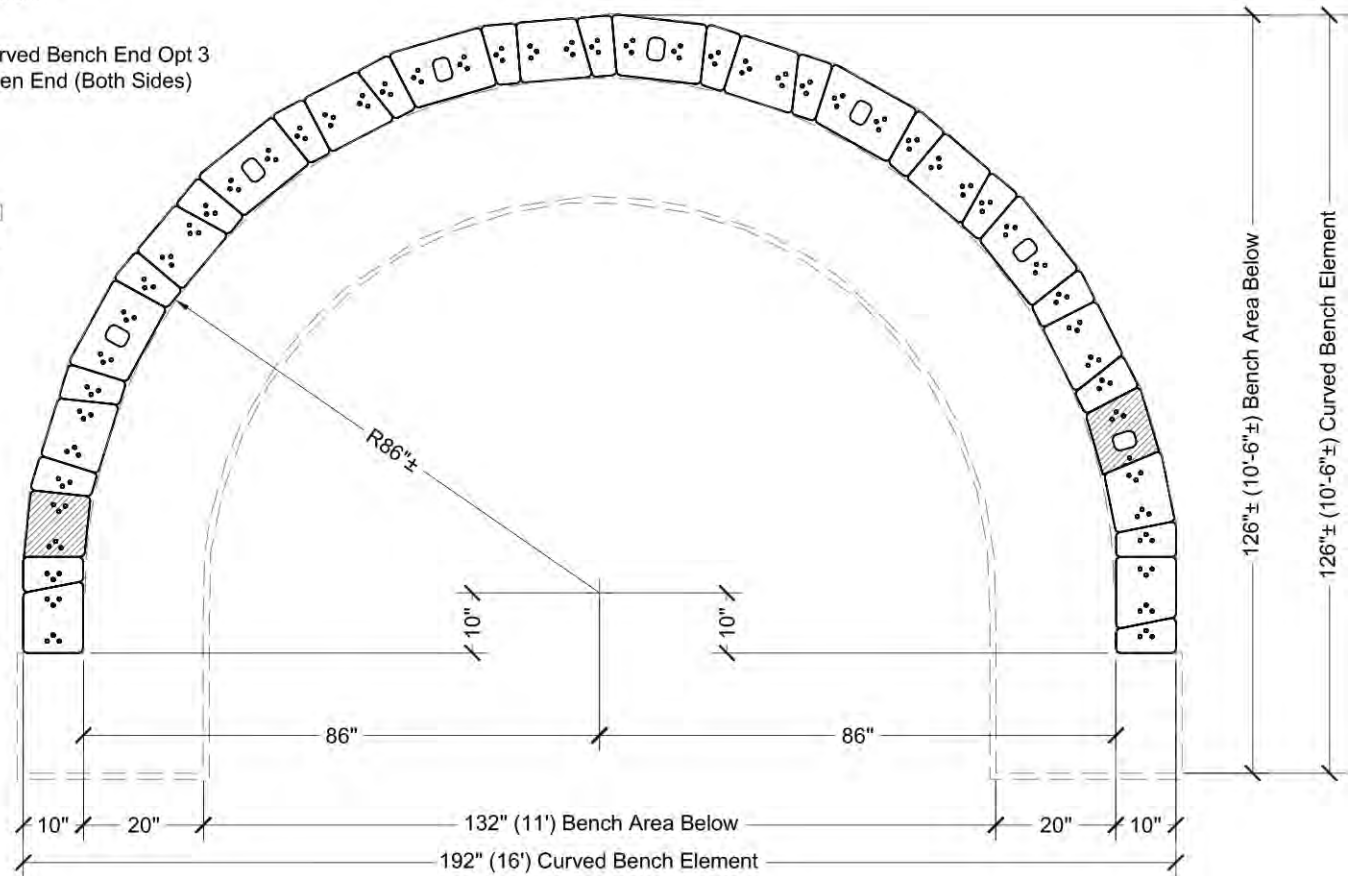
Option 3

## 6th Course Isometric



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

## 6th Course Plan





# COURSE BY COURSE INSTRUCTIONS

Option 3

## 6th Course Capping Isometric

Keystone Cap Units (Typ) Over Curved Bench Back Wall Center Units Over Wall Blocks Below

5th Course Below

Keystone Country Manor Units (Typ.) 6th Course Below

4th Course Curved Bench Seat w/Capping Below

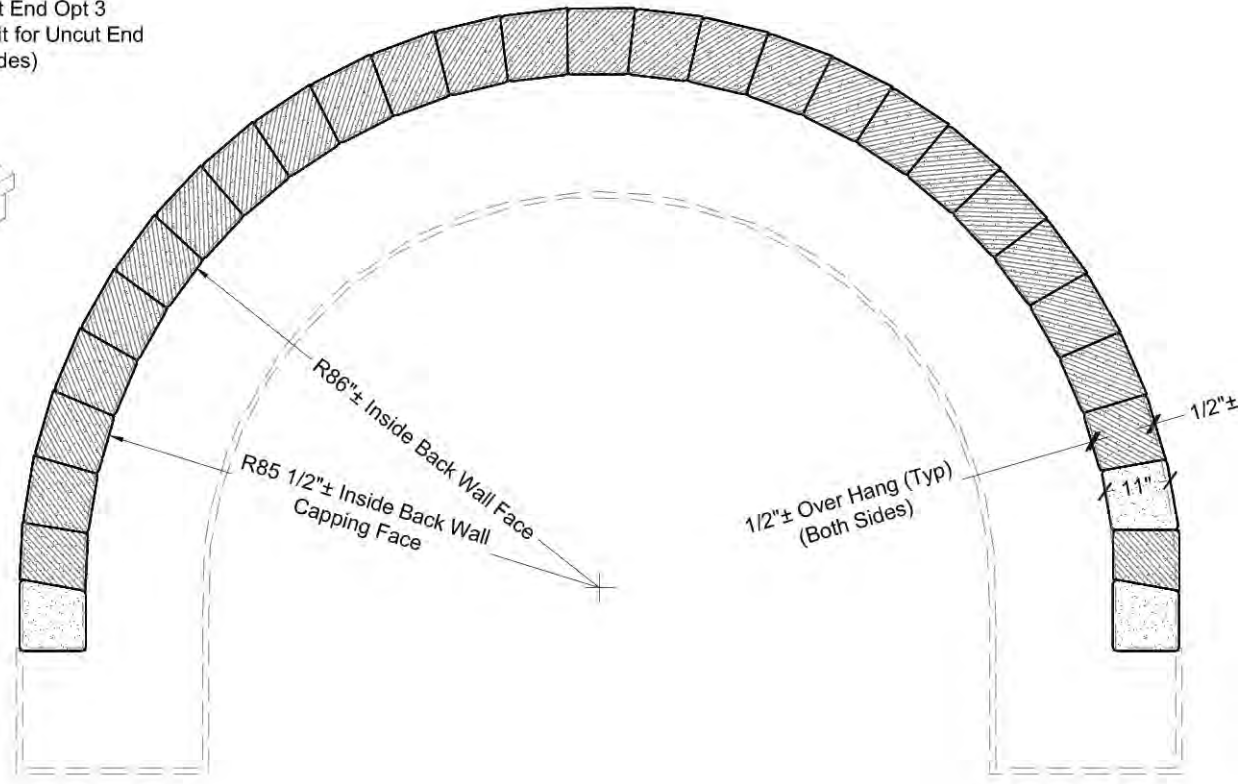
Keystone Cap Units Cut to fit Angled Side of each Cap Unit to Maintain Proposed Front and Back face Offset (Typ) (Entire Curved Bench Back Wall Capping Course)

6th Course Curved Bench Back Wall Below

Cap Unit End Opt 3 Cut to Fit for Uncut End (Both Sides)

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

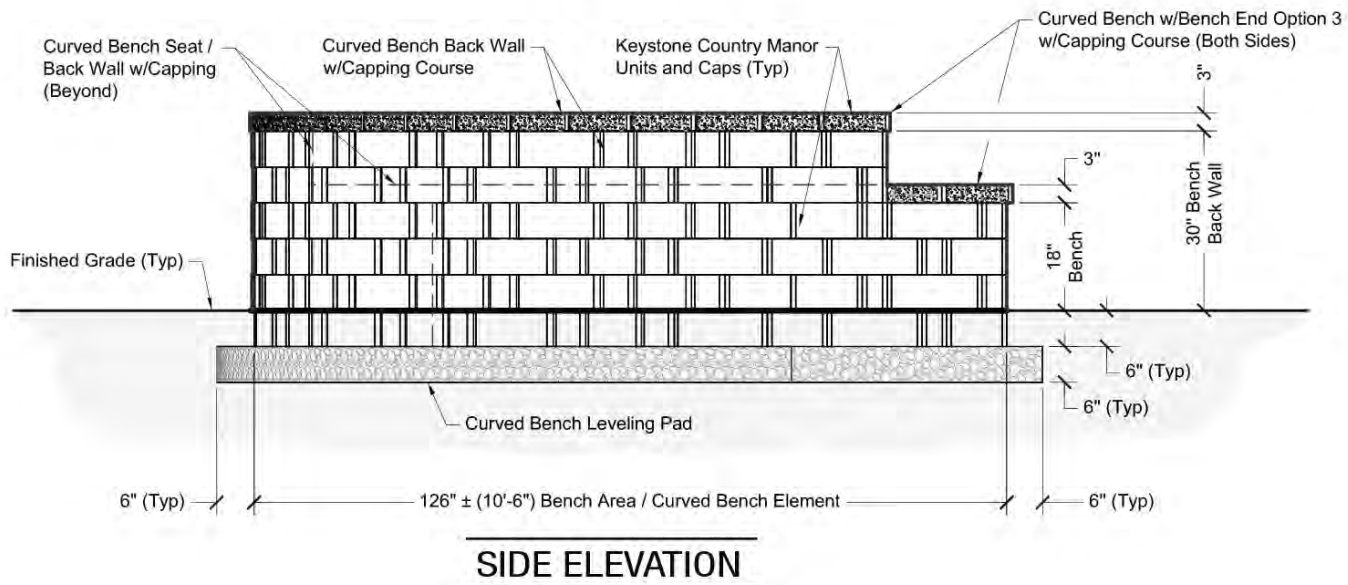
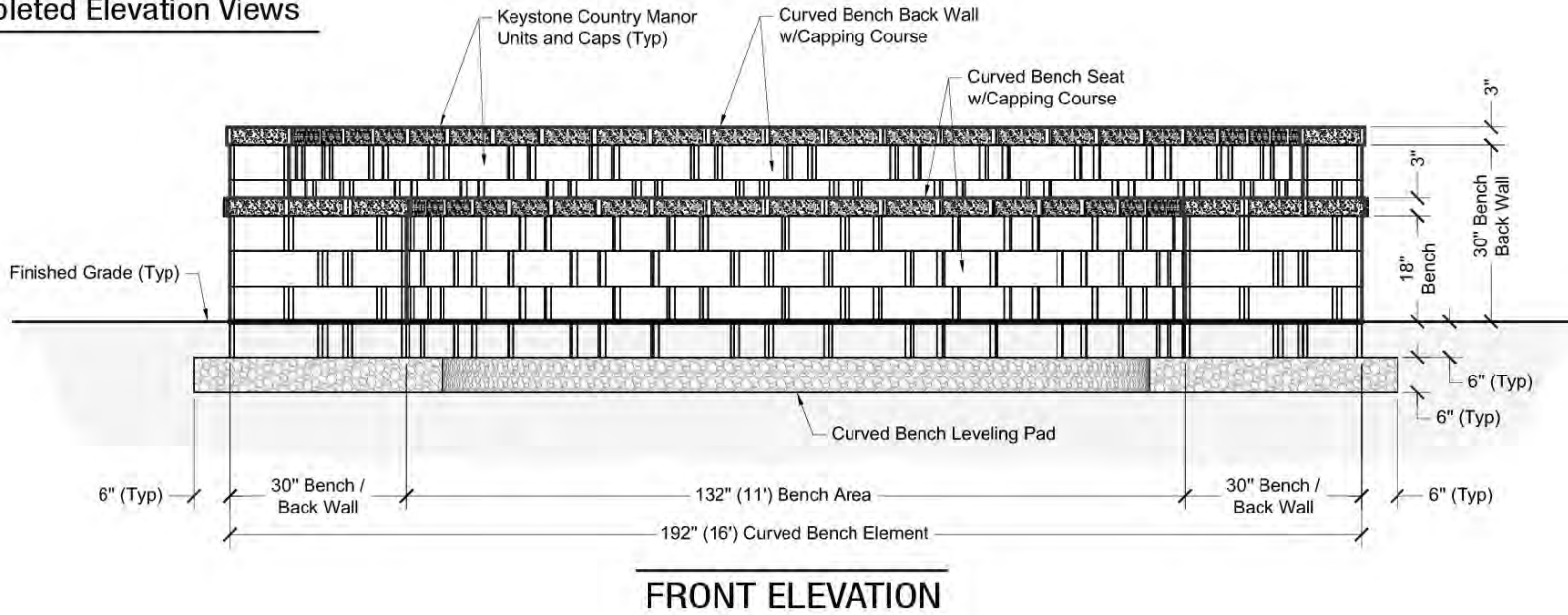
## 6th Course Capping Plan



# COURSE BY COURSE INSTRUCTIONS

Option 3

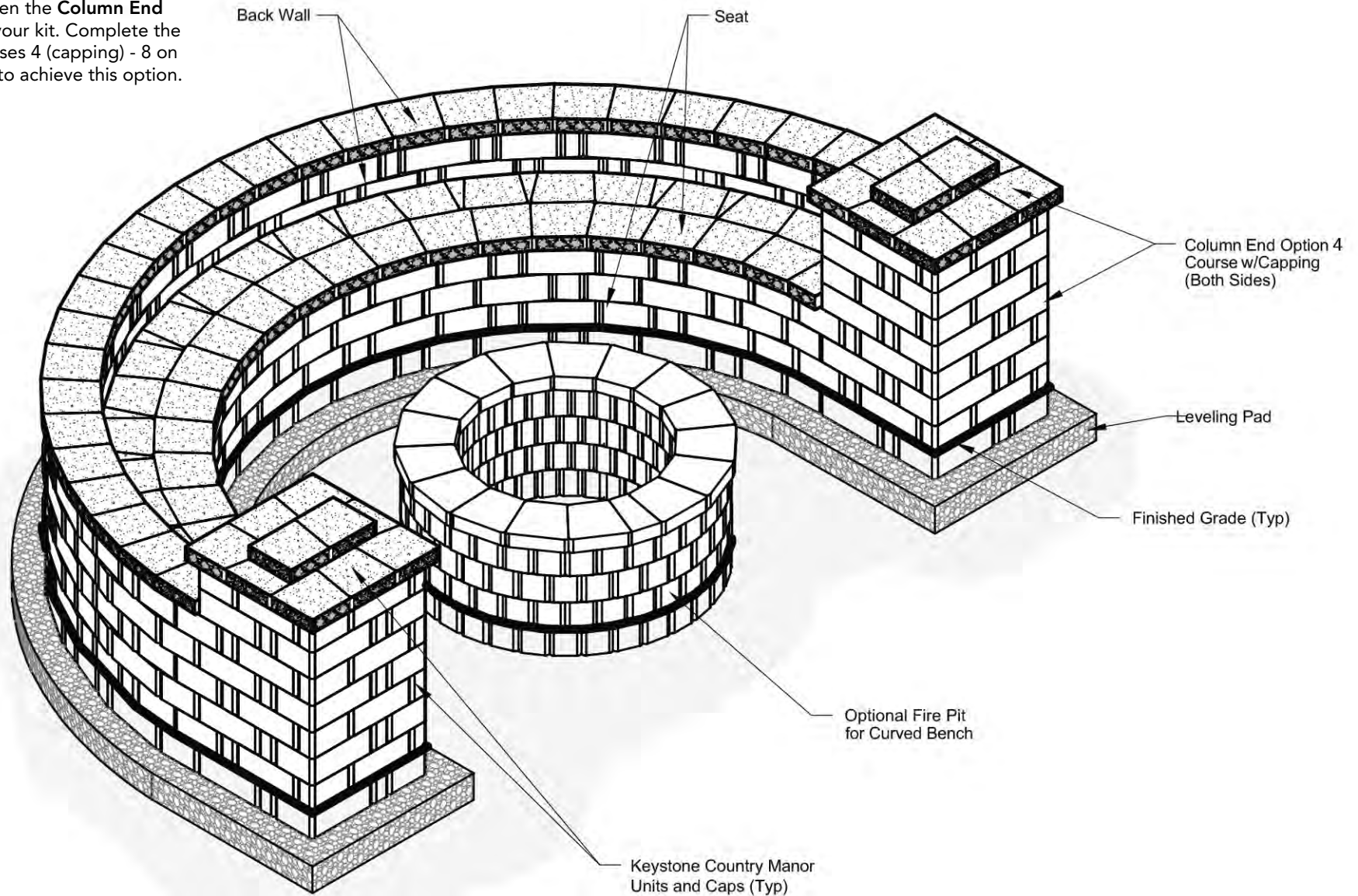
## Completed Elevation Views





## Column End Option

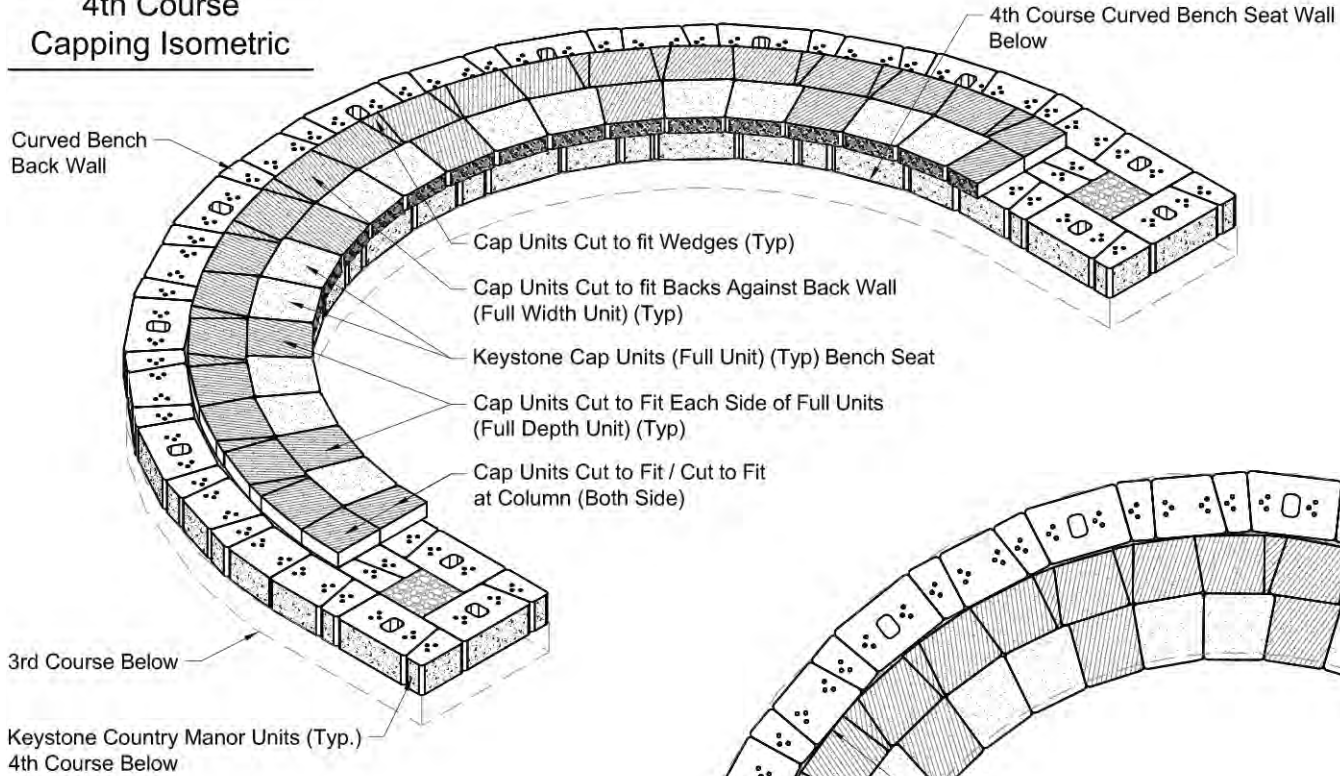
You have chosen the **Column End Option 4** for your kit. Complete the following courses 4 (capping) - 8 on the **Blue** tabs to achieve this option.



# COURSE BY COURSE INSTRUCTIONS

Option 4

## 4th Course Capping Isometric



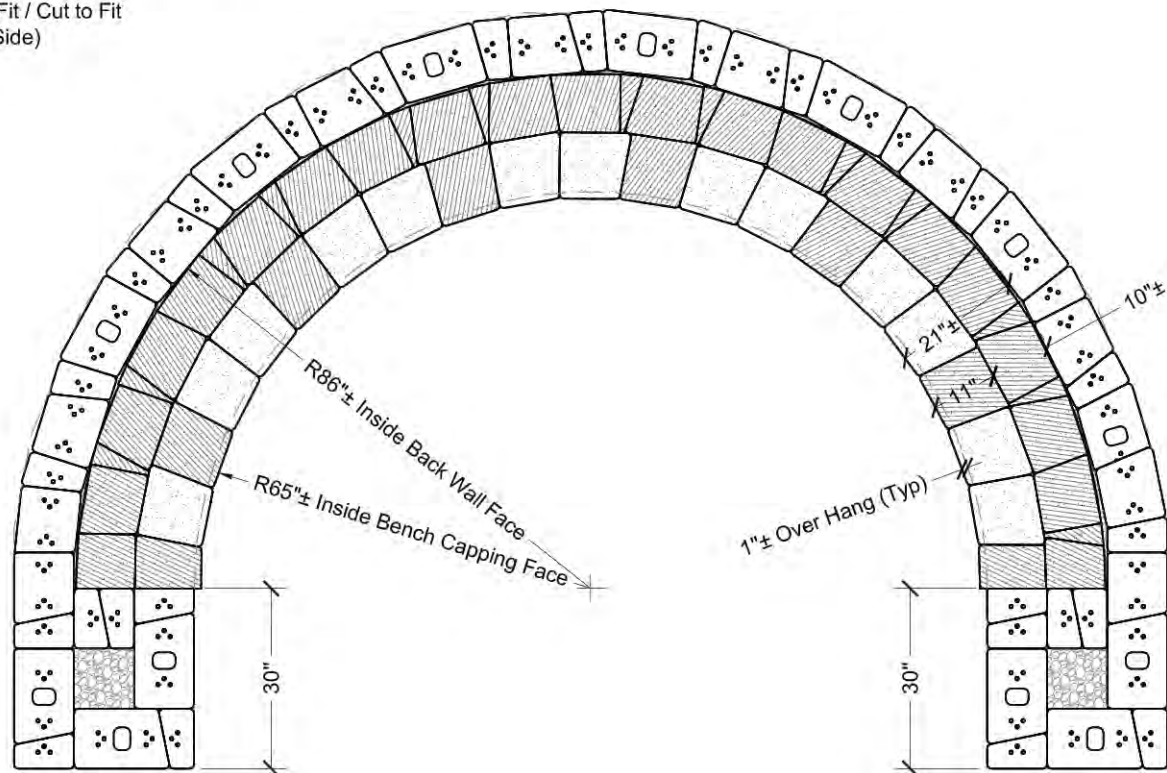
### Block Cutting Note:

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.

## 4th Course Capping Plan

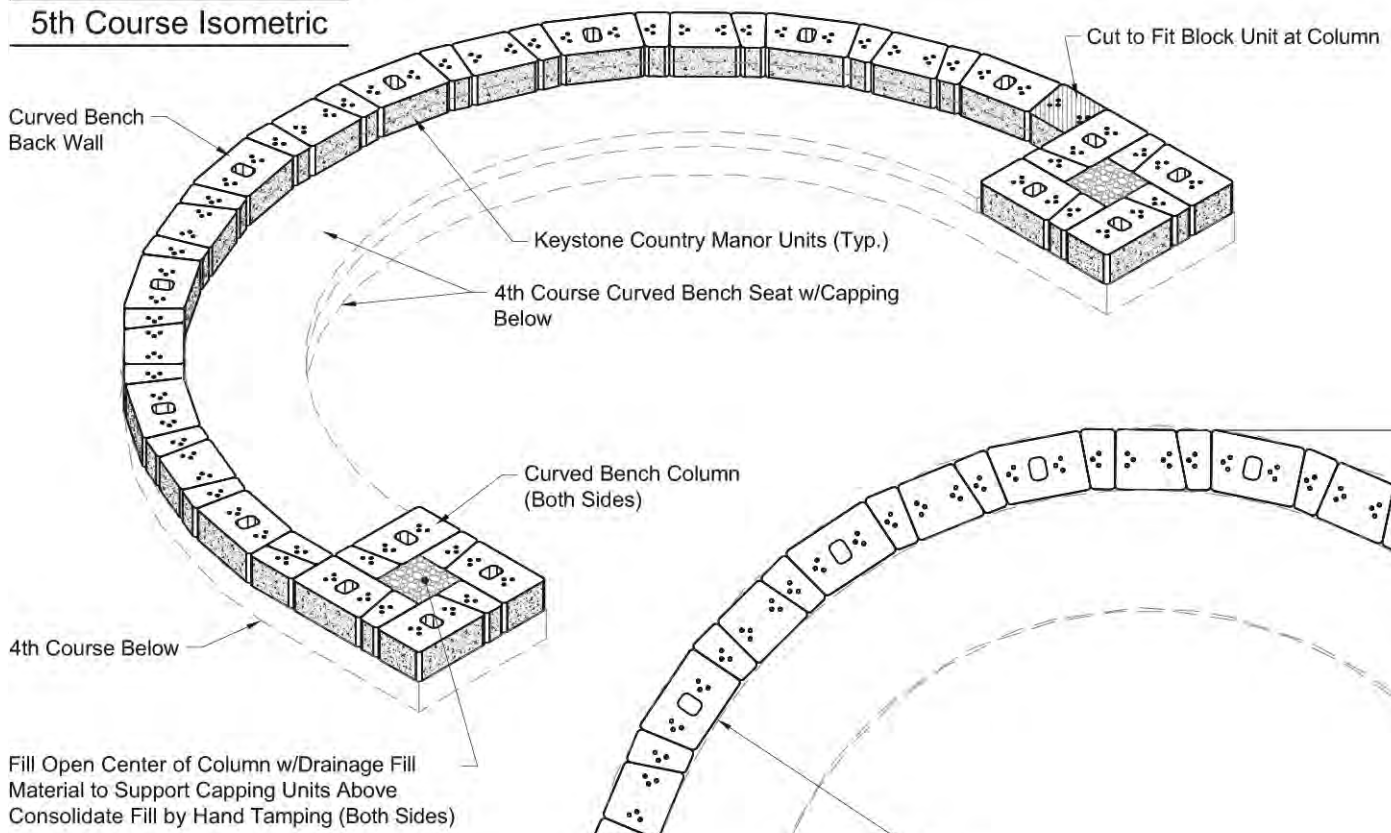




# COURSE BY COURSE INSTRUCTIONS

Option 4

## 5th Course Isometric



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

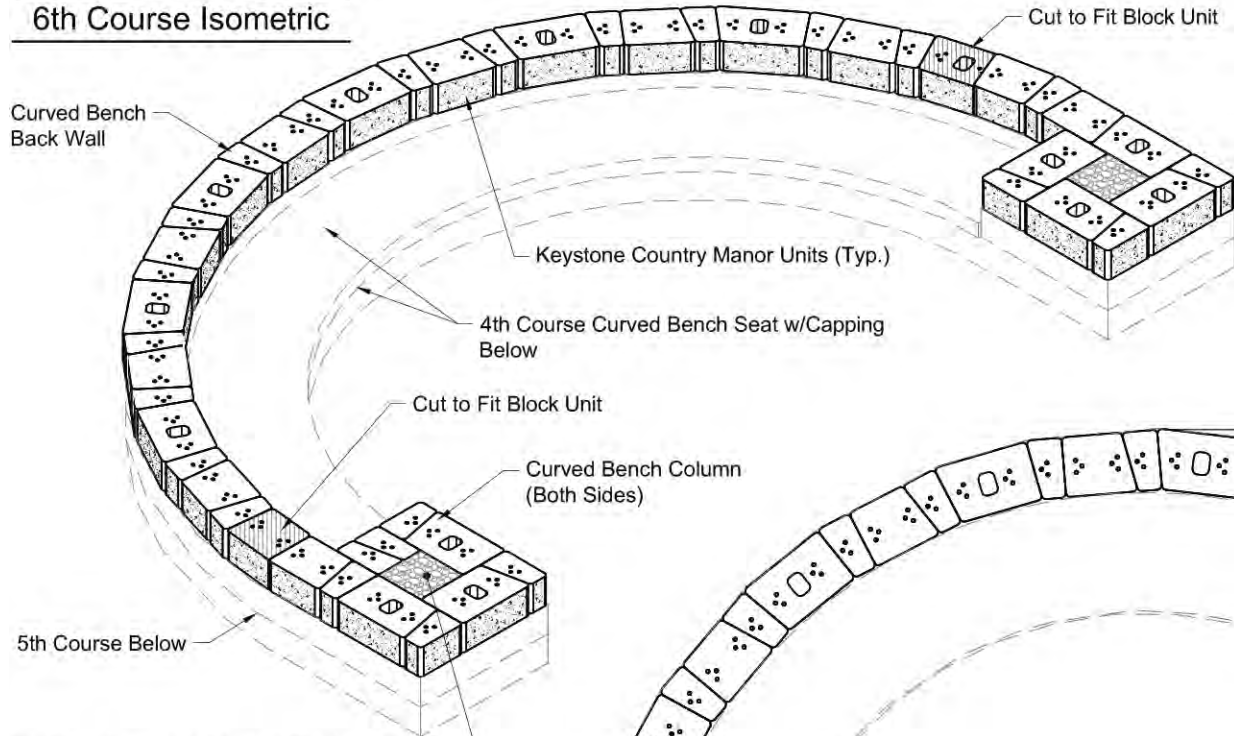
## 5th Course Plan



# COURSE BY COURSE INSTRUCTIONS

Option 4

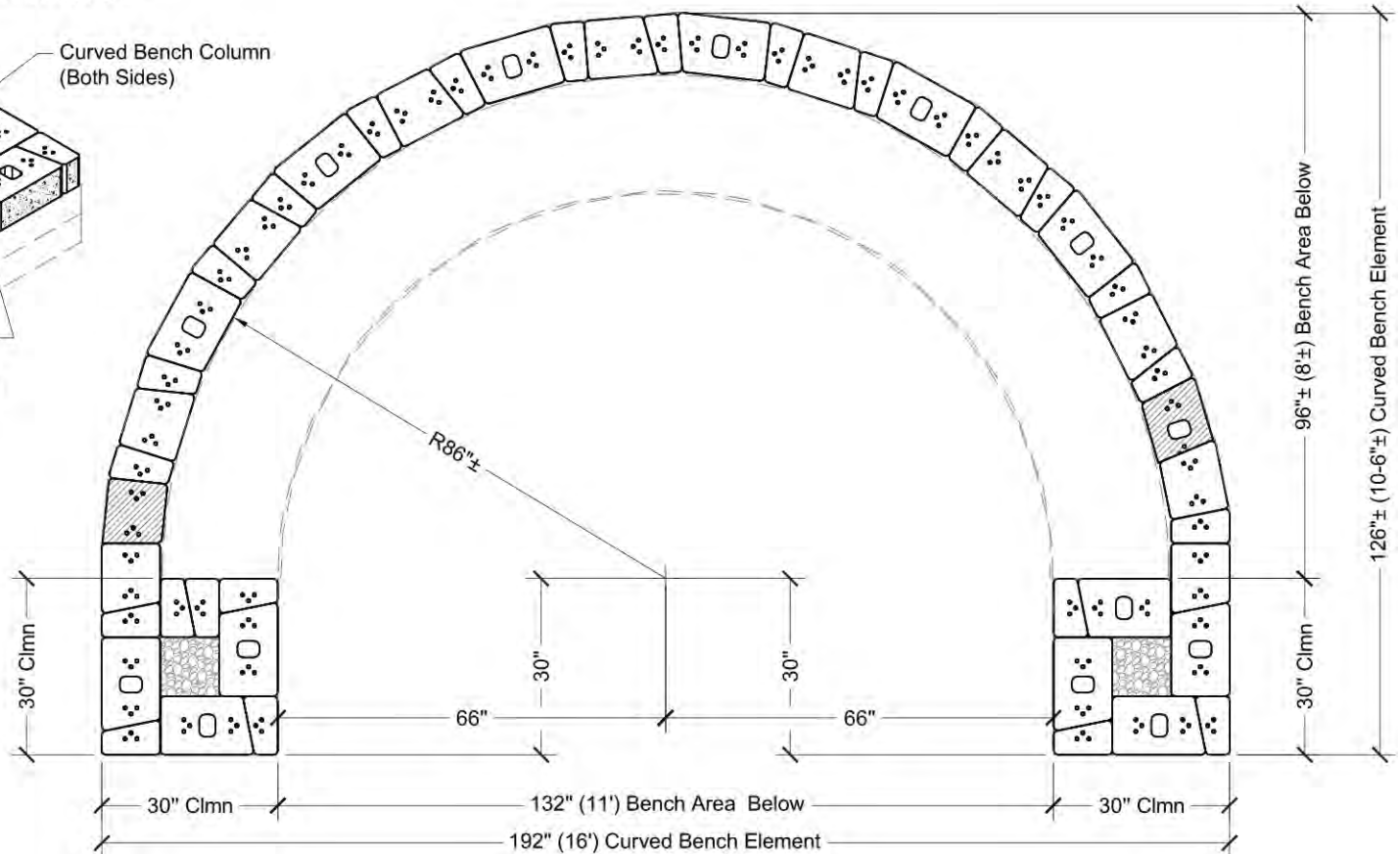
## 6th Course Isometric



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.

## 6th Course Plan

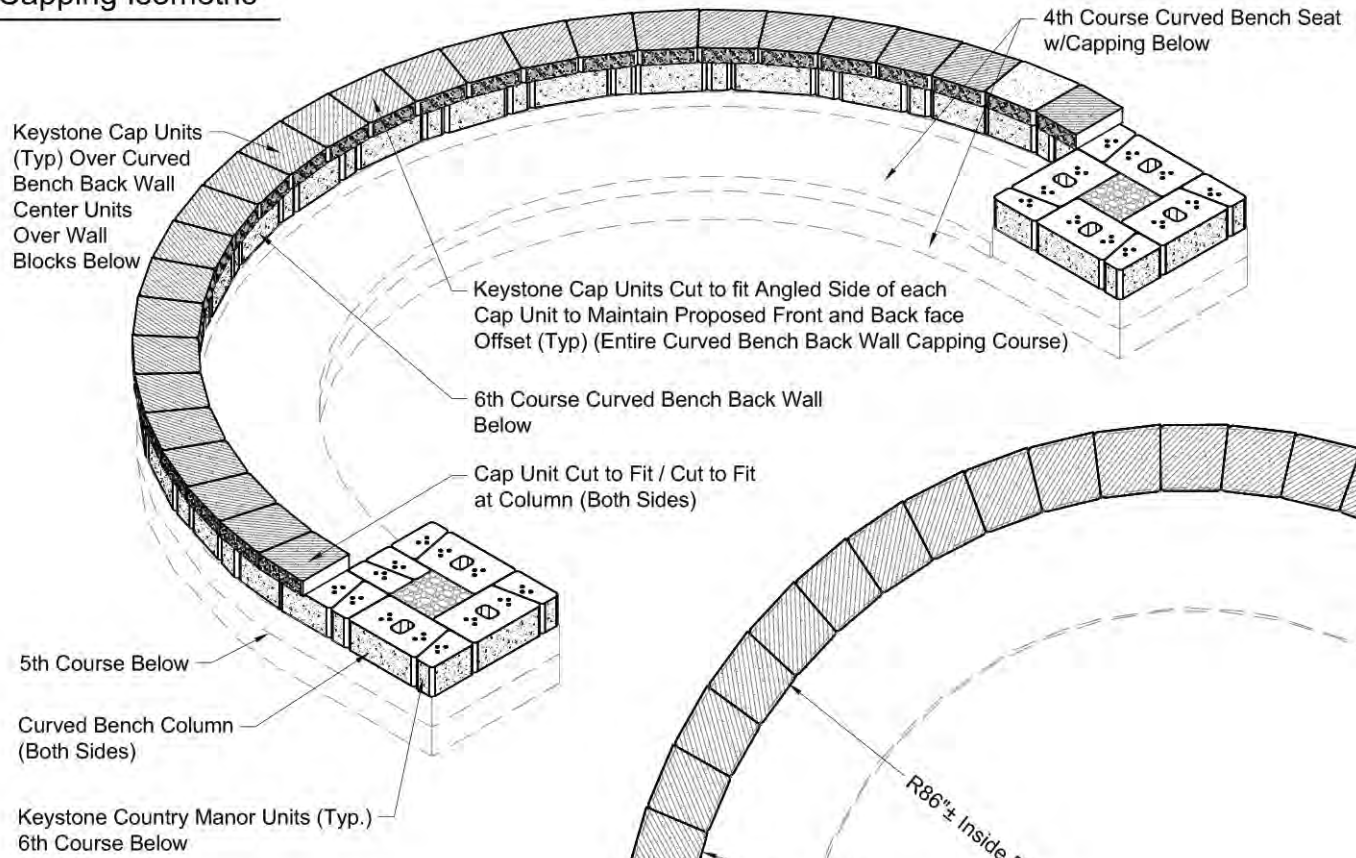




# COURSE BY COURSE INSTRUCTIONS

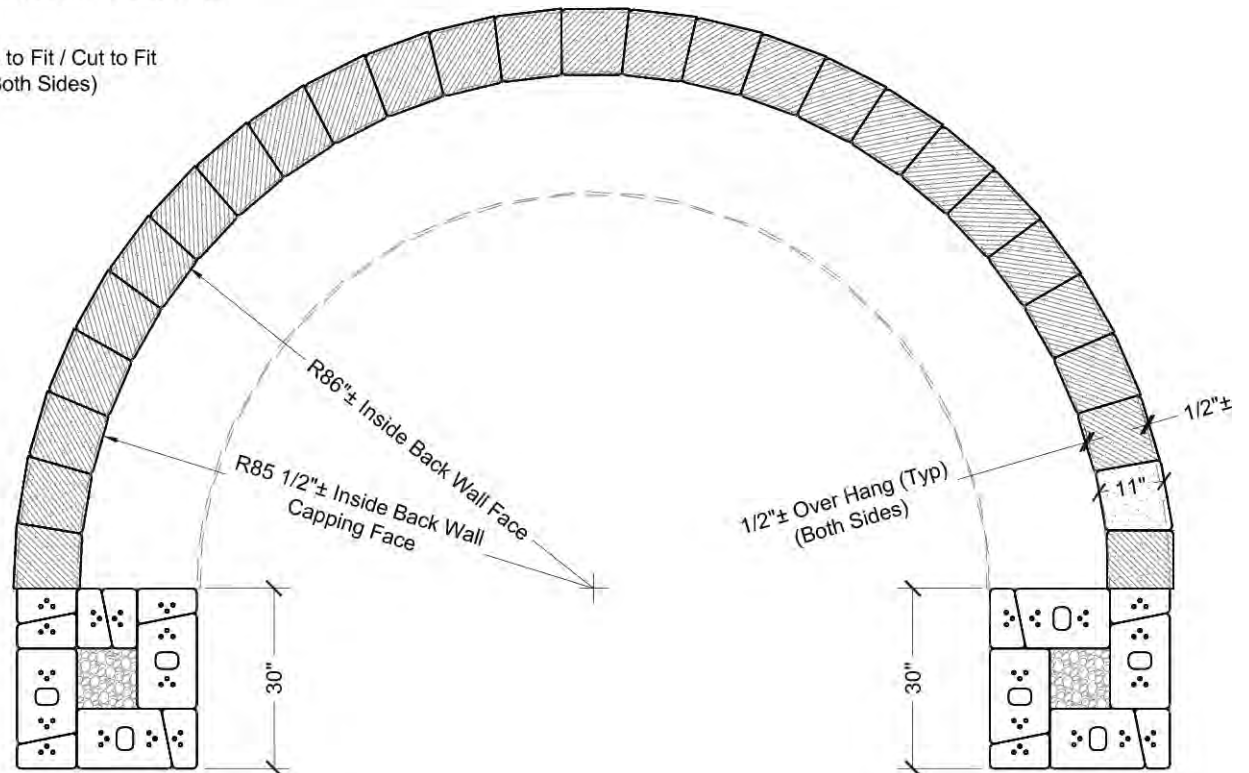
Option 4

## 6th Course Capping Isometric



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

## 6th Course Capping Plan



# COURSE BY COURSE INSTRUCTIONS

Option 4

## 7th Course Isometric

6th Course Curved Bench Back Wall w/Capping Below

4th Course Curved Bench Seat w/Capping Below

Keystone Country Manor Units (Typ.)

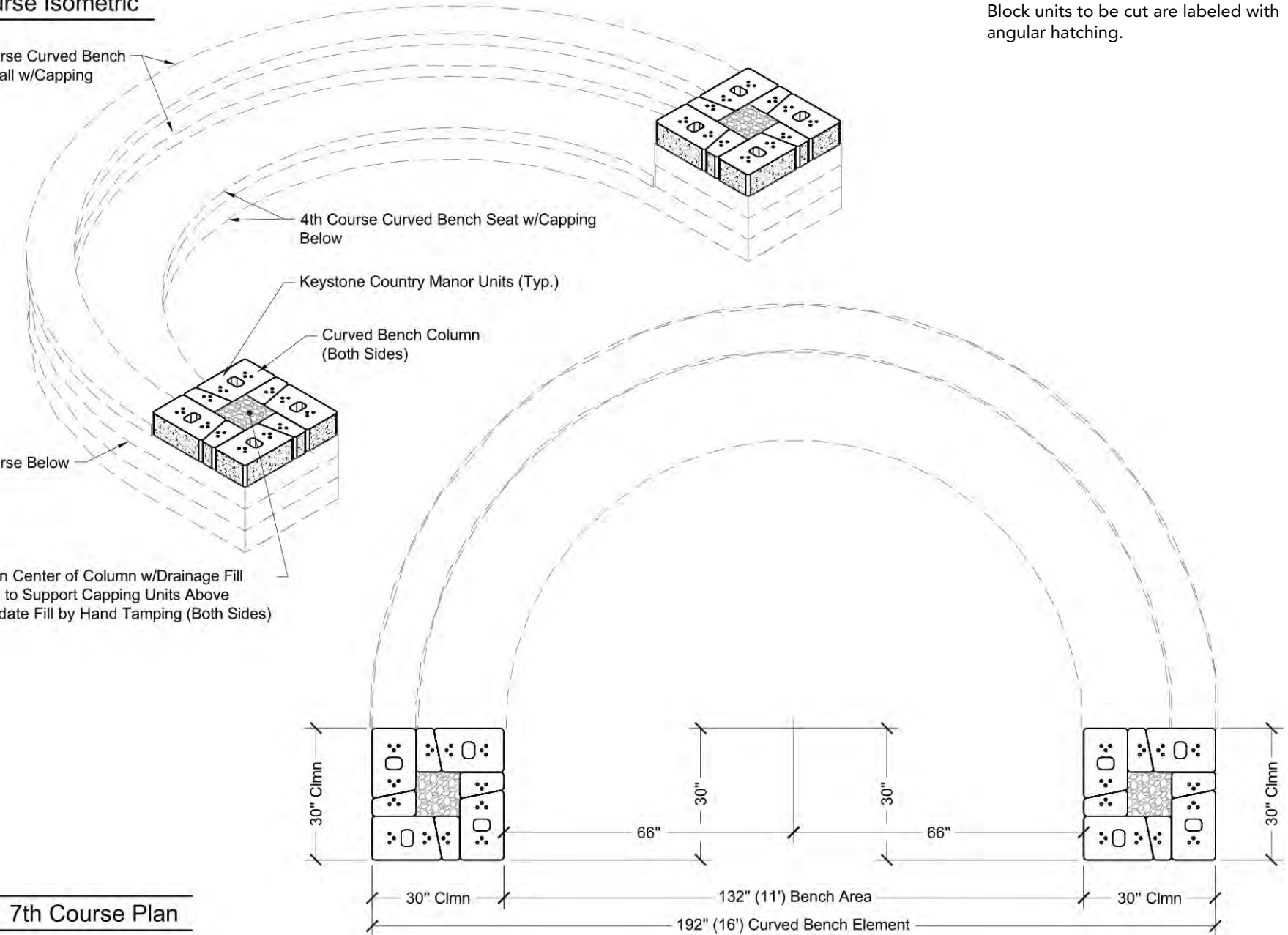
Curved Bench Column (Both Sides)

6th Course Below

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.



7th Course Plan



# COURSE BY COURSE INSTRUCTIONS

## 8th Course Isometric

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

6th Course Curved Bench Back Wall w/Capping Below

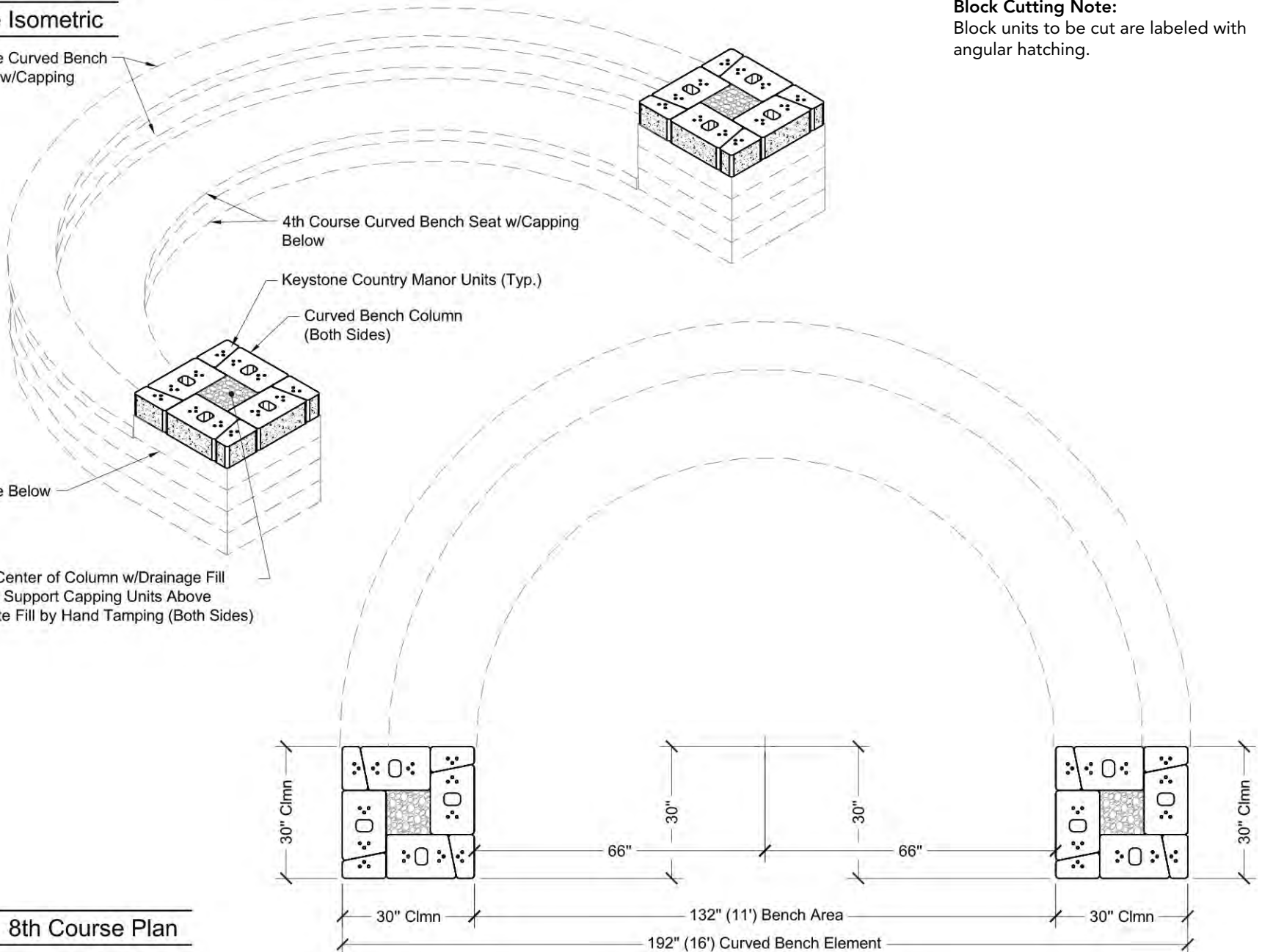
4th Course Curved Bench Seat w/Capping Below

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)



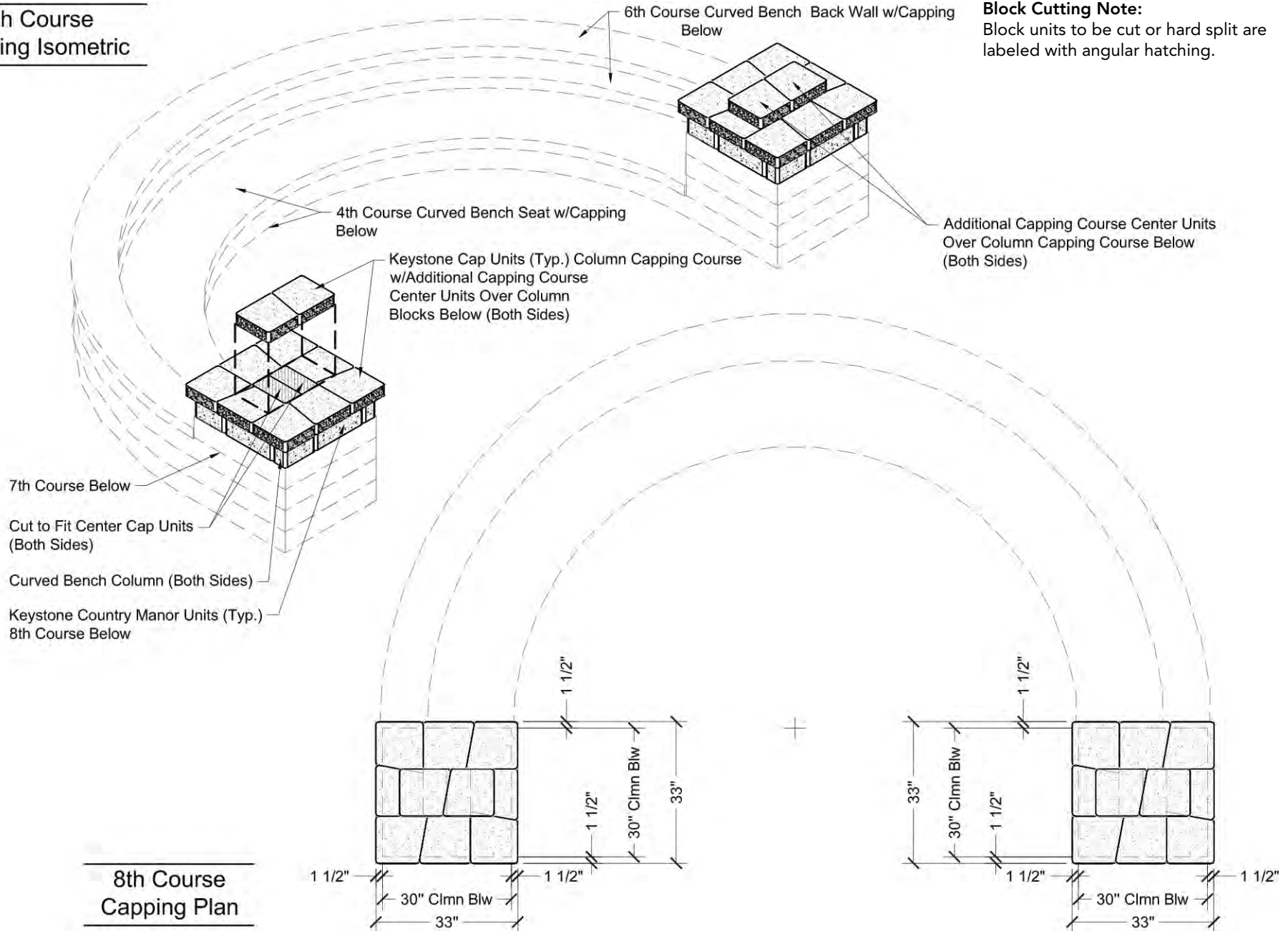
## 8th Course Plan

# COURSE BY COURSE INSTRUCTIONS

Option 4

## 8th Course Capping Isometric

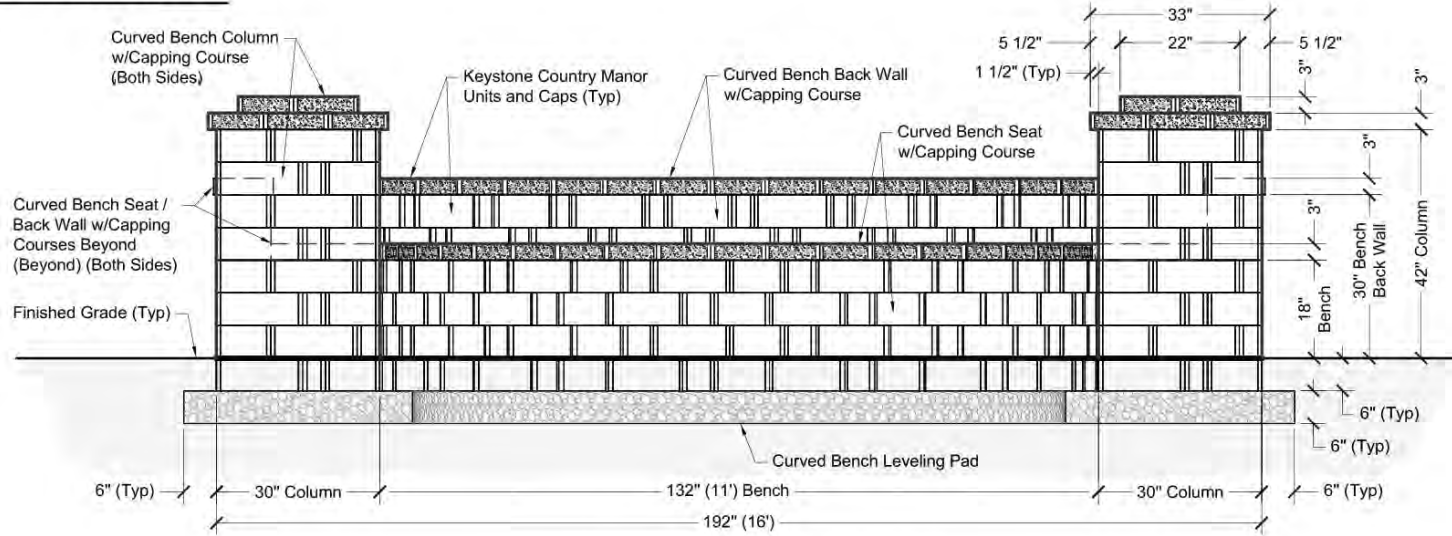
**Block Cutting Note:**  
Block units to be cut or hard split are labeled with angular hatching.



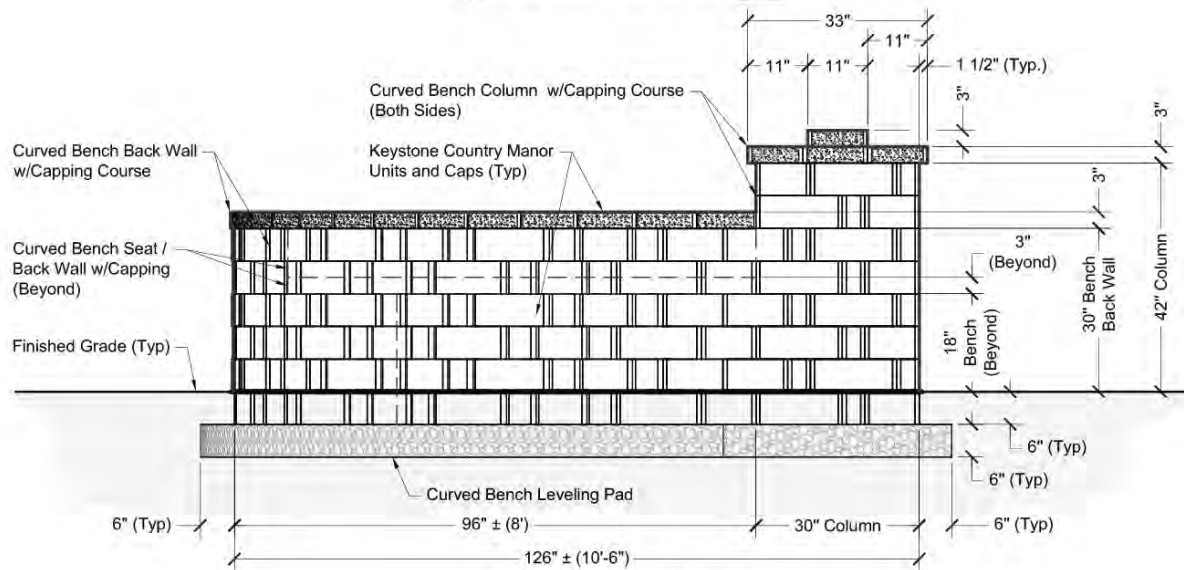
## 8th Course Capping Plan



## Completed Elevation Views



**FRONT ELEVATION**



**SIDE ELEVATION**

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