

How-To Assemble Your
SERENITY 175
Outdoor Fireplace

PART NO. FPL-175

DIFFICULTY INTERMEDIATE

APPROX. DIM. 5'10"W x 5'3"D x 8'10"H

APPROX. WEIGHT 8,100 lbs.



GENERAL SHALE OUTDOOR LIVING PRODUCT WARRANTY

All General Shale Outdoor Living products are warranted to be made from high quality materials that meet or exceed ASTM material standards. Outdoor Living products are intended for recreational or residential use and are not warranted for any other purpose. The life of the product depends on correctness of installation and extent of usage. All metal components are subject to normal rust and corrosion.

ANY IMPLIED WARRANTIES ARE HEREBY DISCLAIMED AND ARE EXPRESSLY EXCLUDED.

Materials included with your outdoor kit.

- (180) Block “A” (4" x 8" x 16")
- (30) Block "B" (4" x 8" x 12")
- (4) Block “C” (4" x 8" x 8")
- (14) Bullnose Block “C1” (4" x 8" x 8")
- (8) Bullnose Corner Block “C2” (4" x 8" x 8")
- (4) Bullnose Block “C3” (4" x 5 3/4" x 8")
- (4) Bullnose Block “C5” (4" x 8" x 4")
- (12) Block "D" (4" x 8" x 4")
- (24) Block "E" (4" x 4" x 16")
- (20) Bullnose Block "G" (4" x 8" x 14")
- (4) Bullnose Block "G1" (4" x 6 1/2" x 14")
- (4) Bullnose Block "G2" (4" x 4 1/4" x 14")
- (18) Cinder Block "I" (4" x 8" x 16")
- (6) Cinder Block "J" (1 5/8" x 8" x 16")
- (18) Firebrick (4" x 9" x 2 1/4")
- (6) Half Firebrick (4" x 4 1/2" x 2 1/4")
- (2) Rock Cast Lintel (6" x 7 1/4" x 31 1/2")
- (2) Block Lintel (4" x 8" x 34")
- (1) Rock Cast Cap
- (1) Grate
- (3) Thin Set Mix Bag

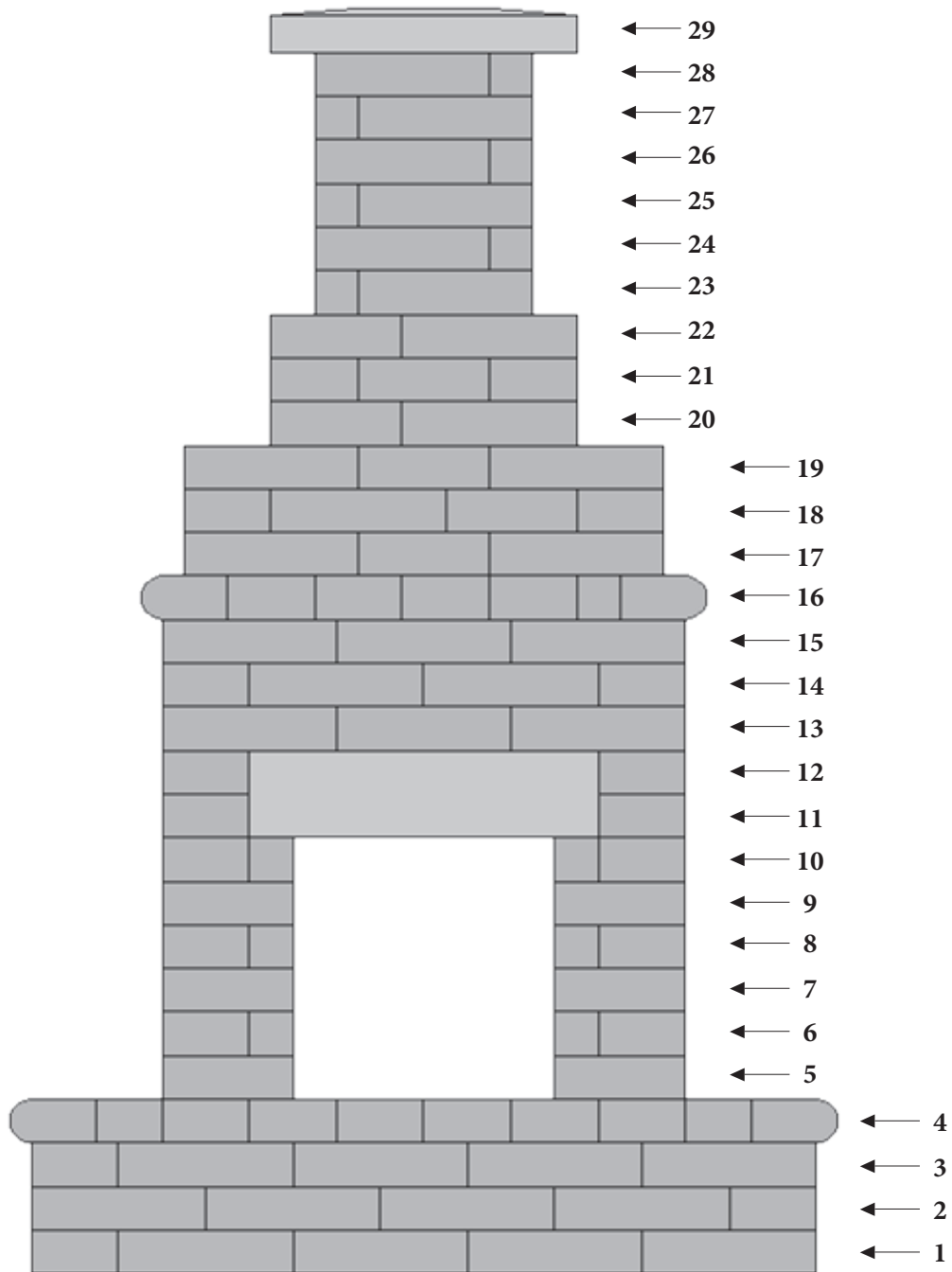
Additional materials required to install your kit.

- Concrete or Gravel (for setting base)
- Caulking Gun
- Level
- Tape Measure
- Small Trowel
- 5 gal. Mixing Bucket
- Rubber Mallet

NOTES:

- **Actual components may vary slightly. Some cutting may be required.**
- **Dimensions are nominal and will vary slightly due to tumbled faces.**
- **The unit shown in these instructions has been fire tested. Changes to the unit such as firebox size may affect unit performance.**
- **This unit is designed for outdoor use only. This unit is not designed to be used on wood decks or under roof enclosures. Locate unit reasonable distance from any combustible materials. Comply with local building code(s) and burning permits as applicable. Retain these instructions with unit.**

Course Numbers
(Referred to in following instructions)



**Step
1**

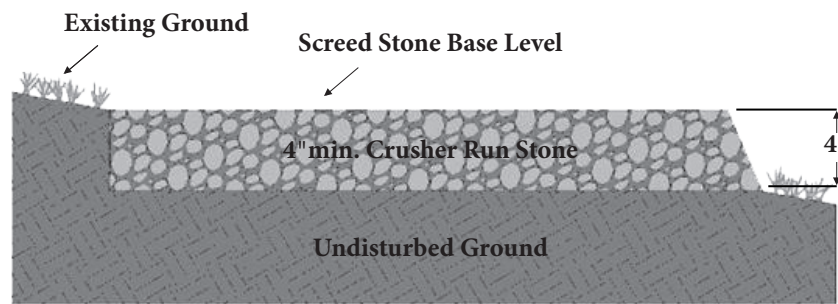
Create a level base using Crusher Run Stone to accommodate the overall footprint of the fireplace.

- Prepare an area 6'4" wide x 5'9" deep.
- Remove sod and vegetation.
- Excavate/remove soft soil as required to provide level stone surface at a minimum of 4" deep.
- If required, use landscape blocks to retain stone base.
- If installing optional hearth/knee wall, extend base as required.

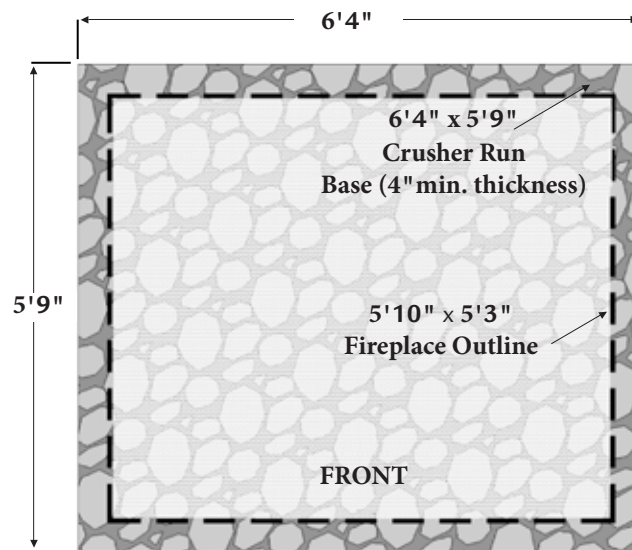


If soil under sod is hard, soil can be leveled out and used as a base material.

Reference diagrams for creating a level base.



(Base Section View)



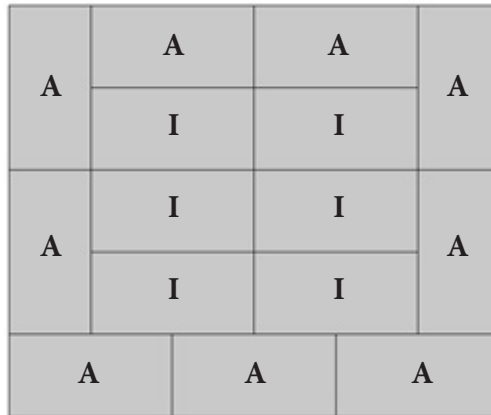
(Base Plan View)

NOTE: All outdoor living kits can be installed directly on a properly prepared stone base. However, for best performance and appearance, a concrete pad is recommended.

**Step
2**

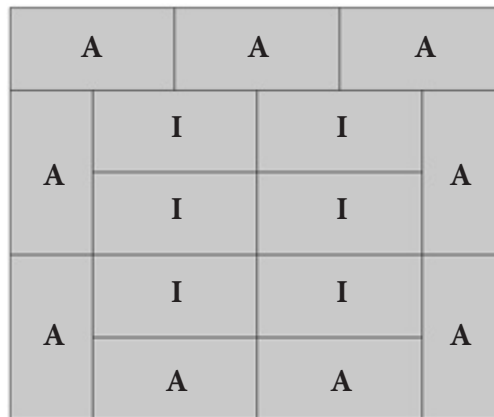
Build the fireplace (courses 1 through 3).

- Assemble the fireplace on a level setting base.
- Mix supplied thin set according to package directions. Apply a thin layer uniformly using a small trowel between all pieces and courses.



Courses 1 and 3

- (9) Block “A” (4" x 8" x 16")
- (6) Cinder Block “I” (4" x 8" x 16")



Course 2

- (9) Block “A” (4" x 8" x 16")
- (6) Cinder Block “I” (4" x 8" x 16")

***Quantities per Course.**

**Step
3**

Build the fireplace (course 4).

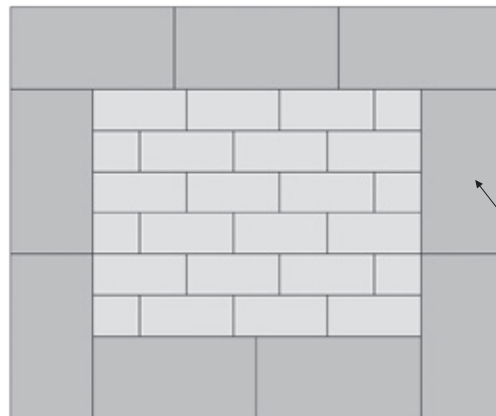
- Use supplied thin set between all courses and all blocks.



Course 4

(9) Block “A” (4" x 8" x 16")

(6) Cinder Block “J” (1 5/8" x 8" x 16")



"A" Block from Course 4 layout above.

Course 4 (continued)

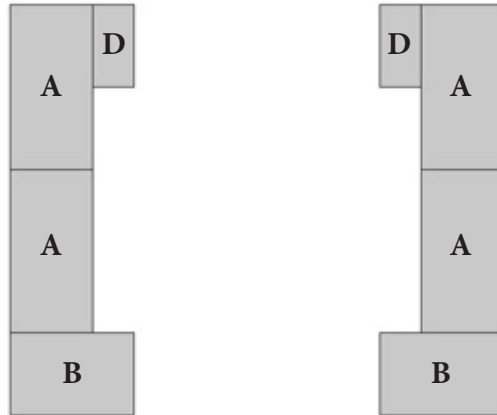
(18) Firebrick (4" x 9" x 2 1/4")

(6) Half Firebrick (4" x 4 1/2" x 2 1/4")

**Step
4**

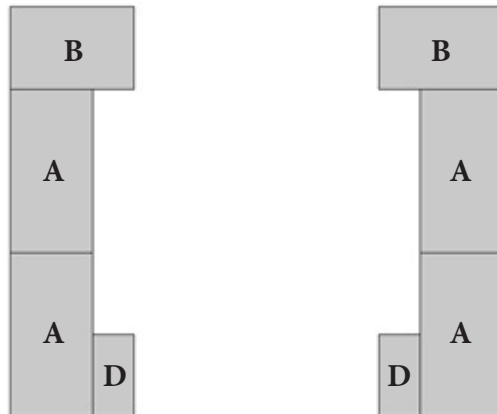
Build the fireplace (courses 5 through 10).

- Use supplied thin set between all courses and all blocks.



Courses 5, 7 and 9

- (4) Block “A” (4" x 8" x 16")
- (2) Block “B” (4" x 8" x 12")
- (2) Block “D” (4" x 8" x 4")



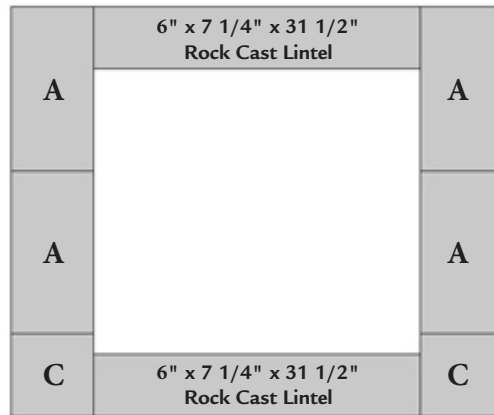
Courses 6, 8 and 10

- (4) Block “A” (4" x 8" x 16")
- (2) Block “B” (4" x 8" x 12")
- (2) Block “D” (4" x 8" x 4")

**Step
5**

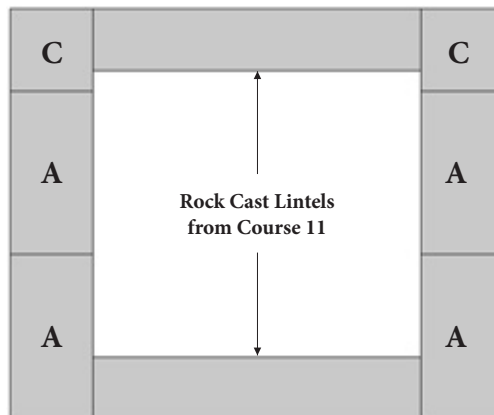
Build the fireplace (courses 11 & 12).

- Use supplied thin set between all courses and all blocks.



Course 11

- (4) Block “A” (4" x 8" x 16")
- (2) Block “C” (4" x 8" x 8")
- (2) Rock Cast Lintel (6" x 7 1/4" x 31 1/2")



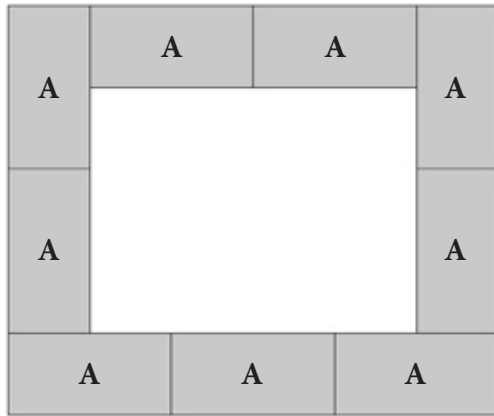
Course 12

- (4) Block “A” (4" x 8" x 16")
- (2) Block “C” (4" x 8" x 8")

**Step
6**

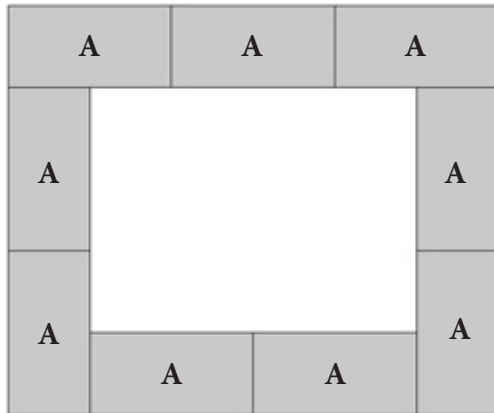
Build the fireplace (courses 13 through 15).

- Use supplied thin set between all courses and all blocks.



Courses 13 and 15

(9) Block “A” (4" x 8" x 16")



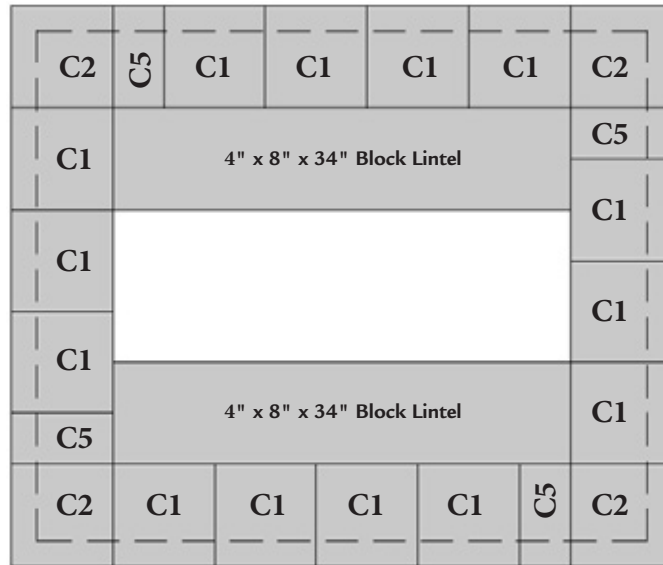
Course 14

(9) Block “A” (4" x 8" x 16")

Step
7

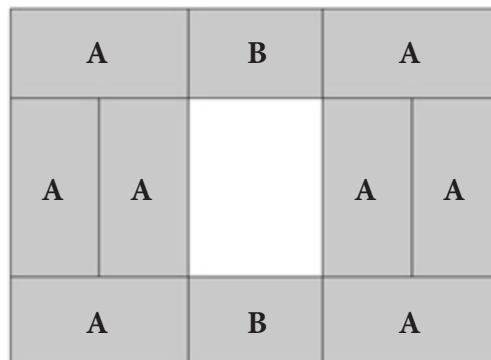
Build the fireplace (courses 16 & 17).

- Use supplied thin set between all courses and all blocks.



Course 16

- (14) Bullnose Block “C1” (4" x 8" x 8")
- (4) Bullnose Corner Block “C2” (4" x 8" x 8")
- (4) Bullnose Corner Block “C5” (4" x 8" x 4")
- (2) Block Lintel (4" x 8" x 34")



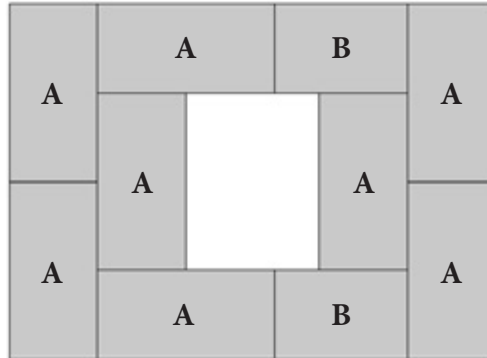
Course 17

- (8) Block “A” (4" x 8" x 16")
- (2) Block “B”(4" x 8" x 12")

**Step
8**

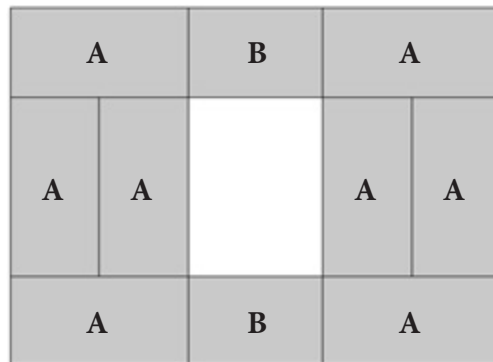
Build the fireplace (courses 18 & 19).

- Use supplied thin set between all courses and all blocks.



Course 18

- (8) Block “A” (4" x 8" x 16")
- (2) Block “B” (4" x 8" x 12")



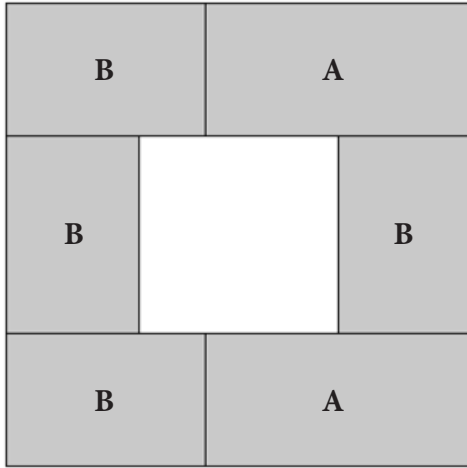
Course 19

- (8) Block “A” (4" x 8" x 16")
- (2) Block “B” (4" x 8" x 12")

**Step
9**

Build the fireplace (courses 20 through 22).

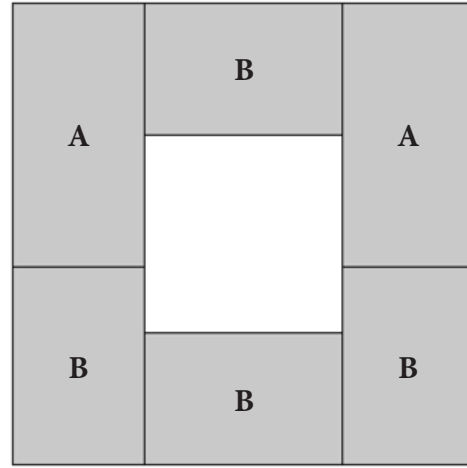
- Use supplied thin set between all courses and all blocks.



Course 20

(2) Block “A” (4" x 8" x 16")

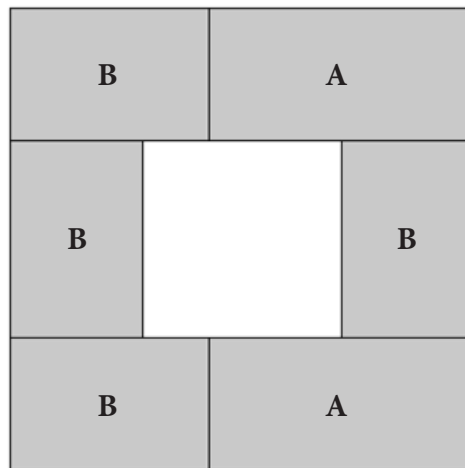
(4) Block “B”(4" x 8" x 12")



Course 21

(2) Block “A” (4" x 8" x 16")

(4) Block “B”(4" x 8" x 12")



Course 22

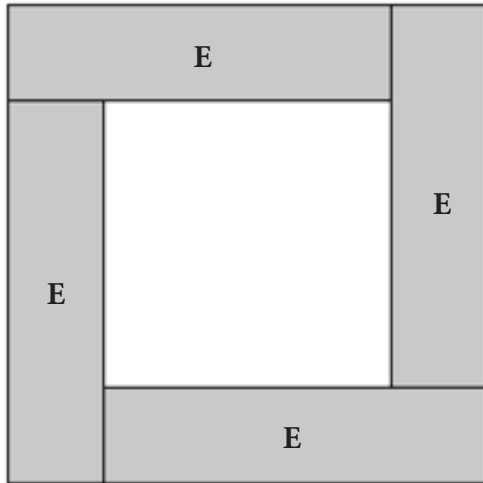
(2) Block “A” (4" x 8" x 16")

(4) Block “B”(4" x 8" x 12")

**Step
10**

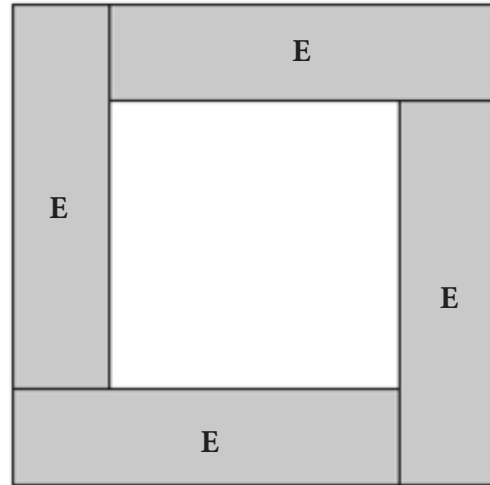
Build the fireplace (courses 23-29).

- Use supplied thin set between all courses and all blocks.



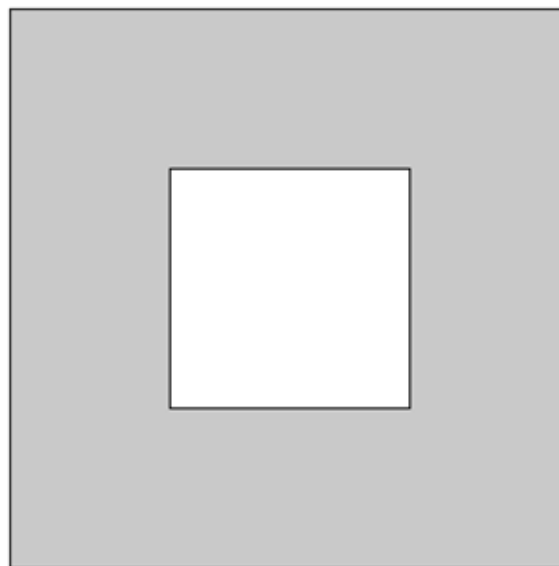
Courses 23, 25 and 27

(4) Block “E” (4" x 4" x 16")



Courses 24, 26 and 28

(4) Block “E” (4" x 4" x 16")



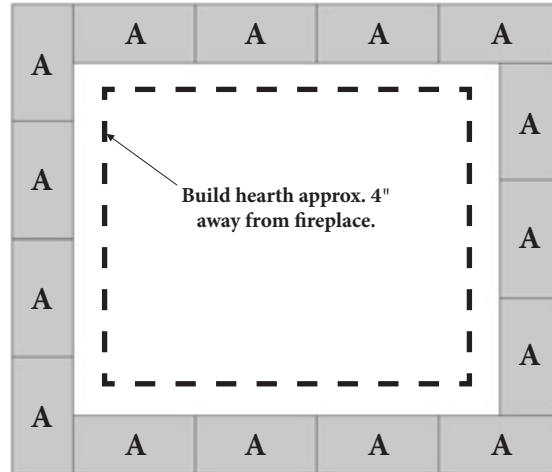
Course 29

(1) Rock Cast Cap

**Step
11**

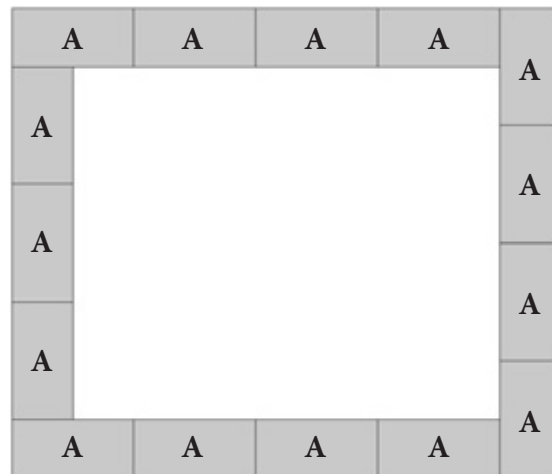
Build the fireplace hearth (courses 1 through 3).

- Use supplied thin set between all courses and all blocks.



Courses 1 and 3

(15) Block “A” (4" x 8" x 16")



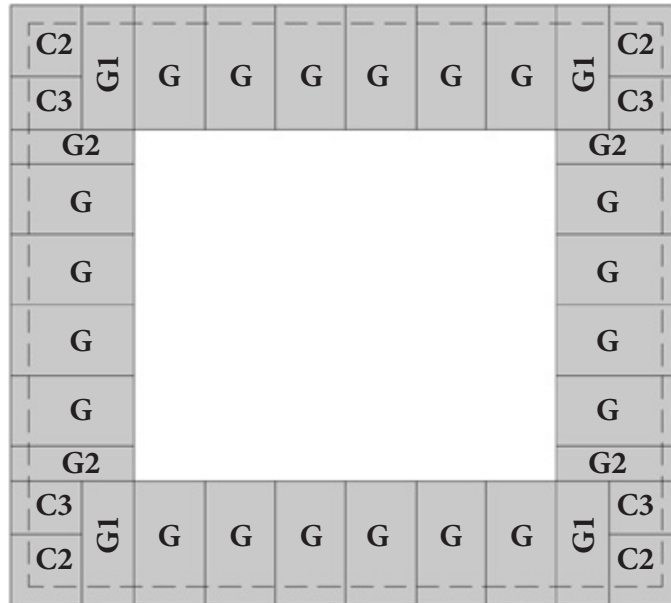
Course 2

(15) Block “A” (4" x 8" x 16")

**Step
12**

Build the hearth cap.

- Use supplied thin set between all courses and all blocks.



Hearth Cap

- (4) Bullnose Corner Block “C2” (4" x 8" x 8")
- (4) Bullnose Block “C3” (4" x 5 3/4" x 8")
- (20) Bullnose Block “G” (4" x 8" x 14")
- (4) Bullnose Block “G1” (4" x 6 1/2" x 14")
- (4) Bullnose Block “G2” (4" x 4 1/4" x 14")

**Step
13**

Tempering Recommendations:

- Wait 24 hours before building a fire in your fireplace kit.
- Build a few modest fires in the fireplace initially before building a fire at normal temperatures.
- During first few fires, some minor smoking may occur as the block and mortar dry out from the heat; this is normal.