Note: Image shown does not exactly match the detail within this design.
**KEYSTONE OUTDOOR KITCHEN - LINEAR DESIGN**

### BASIC TOOLS

<table>
<thead>
<tr>
<th>SAFETY</th>
<th>ALTERATIONS</th>
<th>LAYOUT</th>
<th>FINISHING</th>
<th>LEVELING</th>
<th>GENERAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gloves</td>
<td>Safety Glasses</td>
<td>Stone Chisel</td>
<td>Mallet</td>
<td>Layout Stakes</td>
<td>Line</td>
</tr>
</tbody>
</table>

**You will need:**
- 55 - 16"/14"w Stonegate Large units
- 57 - 12"/10"w Stonegate Medium units
- 57 - 6"/4"w Stonegate Small units
- Leveling Pad Material - 17 cf
- 200 ± Keystone Interlocking Pins* (50/bag)
- 4 Tubes ± Exterior Grade Construction Adhesive
- Built-in Grill* (30¾"w x 20"d x 9½"h rough opening)
- Access Door* (15¾"w x 22"h rough opening)
- Upper Counter Material - 91" x 18"
- Lower Counter Material - 91" x 27½"

*Modify rough opening sizes in both the block units and counter top to accommodate different sized appliances, if needed.

**Notes:**
- All Keystone Stonegate units are 6"h x 10"d.
- Keystone recommends the use of its interlocking pins when alignment allows. Use pins in conjunction with concrete adhesive to maximize stability of your structure.

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**Grill Station Kit Front Isometric**
Note:
This design uses a Outdoor Stainless Steel
Built-In Grill Insert w/Stainless Steel Accessories.

Access Door Installation Note:
After built-in grill is installed, adjust doors w/frame vertically to desired position.
Shim frame as needed. Fill top and or bottom exposed openings w/stainless steel trim as needed.

General Note:
In consideration of freeze / thaw issues during the cold weather season it is recommended that this outdoor built-in grill station element be protected from rain, snow and ice as necessary.
Grill Station Back Wall 18" Wide Counter Top Material

6 1/2" Shown (See Counter Top Support Note)
1 3/16" ± (30mm) Shown

Grill Station Back Wall

1 1/2"

Grill Station Built-In Grill
Grill Station Base
Counter Top Material

1 3/16" ± (30mm) Shown

Grill Station Grill Gas Tank or Storage Access Doors
Grill Station Base

Grill Station Leveling Pad

Finished Grade

49 3/16" ± Back Wall Ctr.
48" Grill Station Back Wall
43 3/16" ± Base Ctr.
42" Grill Station Base

6" (Typ)

10" Back Wall
26" Base

36" Grill Station Kit

6" (Typ)

**Counter Top Support Note:**
Provide under counter support as needed depending on the over hang of the counter and the type of counter top material used.
Remember to:
- Call 811 to locate utility lines prior to digging.
- Follow manufacturer’s instructions and local codes.

**Foundation Isometric**

- Grill Station Reinforced Concrete or Crushed Stone Leveling Pad

**Foundation Plan**

- Grill Station Reinforced Concrete or Crushed Stone Leveling Pad

**On Grade Installation Note:**
If the Grill Station is to be built on top of a stable patio or hardscape surface eliminate the 1st course and base leveling pad from the grill station design.

**Appliance Service Note:**
Plan and install gas, electrical, water and drain service prior to and during construction as needed.
1st Course Isometric

Grill Station Leveling Pad Below

Grill Station Leveling Pad Below

1st Course Plan

Grill Kit Width Note:
Due to block outside face texture variances when building the grill station kit courses the outside dimensions of the courses may get wider than desired. If required cut a interior perimeter unit to get the required outside dimension.

On Grade Installation Note:
If the Grill Station is to be built on top of a stable patio or hardscape surface eliminate the 1st course and base leveling pad from the grill station design.
Block Cutting Note:
Using a concrete saw or wheel grinder tool with masonry disk, cut block units as needed. Block units to be cut due to obstruction are labeled with solid hatching. Block units to be cut to fit are labeled with angular hatching.
Block Cutting Note:
Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed.
Block units to be cut due to obstruction are labeled with solid hatching.
Block units to be cut to fit are labeled with angular hatching.

Block Cutting for Appliances Note:
See appliance manufacturers installation instructions for correct block cutting to allow for proper fit for appliances.
Block Cutting Note:
Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed. Block units to be cut due to obstruction are labeled with solid hatching. Block units to be cut to fit are labeled with angular hatching.

Block Cutting for Appliances Note:
See appliance manufacturers installation instructions for correct block cutting to allow for proper fit for appliances.

4th Course Isometric

Install This Unit Upside Down so the Block Channel is Facing Up
Grill Station Grill Gas Tank or Storage Access Opening
3rd Course Below
Cut to Allow for Access Doors

4th Course Plan

Install This Unit Upside Down so the Block Channel is Facing Up
Grill Station Grill Gas Tank or Storage Access Opening
Cut to Allow for Access Doors

Grill Station Grill Gas Tank or Storage Access Opening
88” (7’-4”) Grill Station Kit
26” Opening
10” 18 1/2” 31” Opening 18 1/2” 10”
5th Course Isometric

**Block Cutting Note:**
Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed. Block units to be cut due to obstruction are labeled with solid hatching. Block units to be cut to fit are labeled with angular hatching.

**Block Cutting for Appliances Note:**
See appliance manufacturers installation instructions for correct block cutting to allow for proper fit for appliances.

5th Course Plan

Install This Unit Upside Down so the Block Channel is Facing Up
6th Course Isometric

Install This Unit Upside Down so the Block Channel is Facing Up

Grill Station Grill Gas Tank or Storage Access and Built-In Grill Insert Opening

Cut to Allow for Access Doors

5th Course Below

Block Cutting Note:
Using a concrete saw or wheel grinder tool with a masonry disk, cut block units as needed. Block units to be cut due to obstruction are labeled with solid hatching. Block units to be cut to fit are labeled with angular hatching.

Block Cutting for Appliances Note:
See appliance manufacturers installation instructions for correct block cutting to allow for proper fit for appliances.

6th Course Plan

Install This Unit Upside Down so the Block Channel is Facing Up

Grill Station Grill Gas Tank or Storage Access and Built-In Grill Insert Opening

Cut to Allow for Access Doors

28” Opening

10” 16 1/2” 31” Opening 16 1/2” 10”

88” (7'4”) Grill Station Kit
7th Course Isometric

Steel Lintel Req. to Support Counter Above (See Sh. 13)

Grill Station Built-In Grill Insert Opening

Install This Unit Upside Down so the Block Channel is Facing Up

6th Course Below

Cut to Allow for Grill Station Built-In Grill Insert

Block Cutting Note:
Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed. Block units to be cut due to obstruction are labeled with solid hatching. Block units to be cut to fit are labeled with angular hatching.

Block Cutting for Appliances Note:
See appliance manufacturers installation instructions for correct block cutting to allow for proper fit for appliances.

7th Course Plan

Install This Unit Upside Down so the Block Channel is Facing Up

Grill Station Built-In Grill Insert Opening

Steel Lintel Req. to Support Counter Above (See Sh. 13)

Cut to Allow for Grill Station Built-In Grill Insert

Grill Station Built-In Grill Insert Opening

88" (7'4'') Grill Station Kit

10" 18 1/2" 31" Opening 18 1/2" 10"

36" Grill Station Kit
Block Steel Lintel Cutting Note:
Prior to installing steel lintel, use a wheel grinding tool to notch out top of block creating a level shelf to place steel lintel, such that lintel is flush with top of cut block. Block units to be cut for steel lintel are shown with solid hatching.
7th Course Base Counter Top Isometric

Suggested Counter Top Joint Locations (See Counter Top Installation Note)

Grill Station Base Counter Top Material

6th Course Below

7th Course Below

Grill Station Built-In Grill Insert Opening

Counter Top Cutting for Appliances Note:
See appliance manufacturers installation instructions for correct counter top opening sizes. Cut to allow for proper fit for appliances. Unless otherwise directed, use a concrete saw or wheel grinder tool with masonry disk to cut the counter top as needed.

Counter Top Installation Note:
Depending on the type of counter top material used the counter top may be installed in multiple pieces as needed. Joints shown with dashed lines are suggested locations only.

Unless otherwise directed install and secure counter top material with adhesive as per manufacturers installation instructions.

7th Course Base Counter Top Plan

27 1/2" Base Counter Top

1 1/2"

1 1/2"

1 1/2"

27 1/2" Base Counter Top

Steel Lintel Below

19 1/8" ± Opening

30" ± 31" ± Opening

30" ± 66" (7'-4") 7th Course Below

91" (7'-7") Base Counter Top

Grill Station Built-In Grill Insert Opening

Grill Station Base Counter Top Material
Counter Top Cutting Note:
Unless otherwise directed, use a concrete saw or wheel grinder tool w/masonry disk to cut the counter top as needed.

Counter Top Installation Note:
Depending on the type of counter top material used the counter top may be installed in multiple pieces as needed. Joints shown with dashed lines are suggested locations only.

Counter Top Support Note:
Provide under counter support as needed depending on the over hang of the counter and the type of counter top material used.

Unless otherwise directed install and secure counter top material with exterior grade construction adhesive per manufacturers installation instructions.