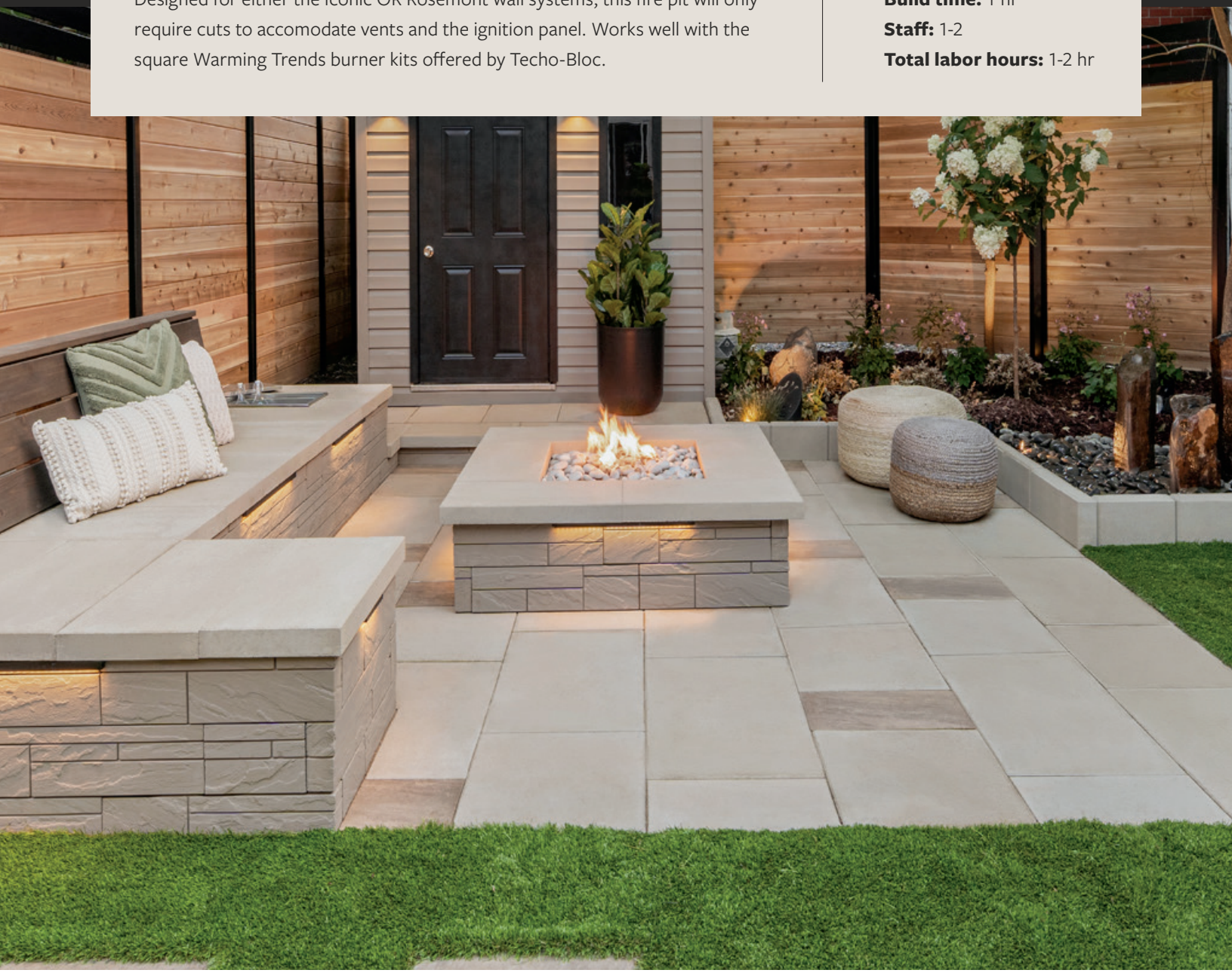
FASCIA FIRE PIT WITH ICONIC WALL

Designed for either the Iconic OR Rosemont wall systems, this fire pit will only require cuts to accomodate vents and the ignition panel. Works well with the square Warming Trends burner kits offered by Techo-Bloc.

Build time: 1 hr
Staff: 1-2
Total labor hours: 1-2 hr



Fascia Fire Pit with Iconic Wall

Material and Labor Checklist

✓	Material Name	Unit Cost	Quantity	Total Cost
	ASTM #57 or RC-57 (¾" clean stone or recycled concrete) or Synthetic Base	$____	____	$____
	ASTM #8 (¼" clean stone)	$____	____	$____
	Fascia Base units : 8 PCS	$____	____	$____
	Fascia Structural Block single sided : 60 PCS	$____	____	$____
	Iconic (or Rosemont) Fascia Wall : 12 PCS	$____	____	$____
	Iconic (or Rosemont) Fascia Corners : 12 PCS	$____	____	$____
	Raffinato Caps : 6 PCS	$____	____	$____
	Warming Trends burner kit offered by Techo-Bloc	$____	____	$____
	Optional lighting under the caps	$____	____	$____
	Optional windscreen	$____	____	$____
	Decorative heat resistant media: glass or stone (optional)	$____	____	$____
	Flexlock Ultra / Gator Block Bond XP adhesive	$____	____	$____

TOTAL MATERIALS COST: $_____

✓	Team	Labor Cost	Labor Hours	Total Cost
	Hardscaper 1	$____	____	$____
	Hardscaper 2	$____	____	$____

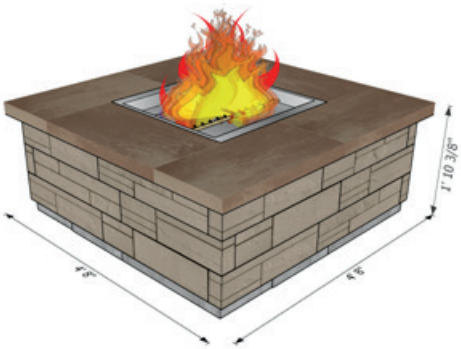
TOTAL LABOR COST: $_____

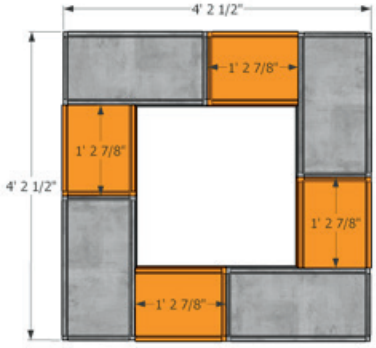
GRAND TOTAL COST: $_____

Process

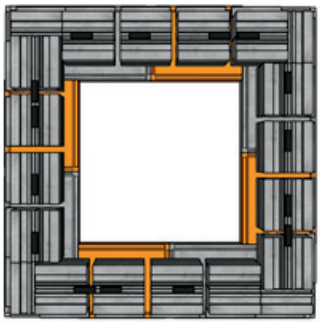
- ☐ Determine location of the feature and excavate, as required
- ☐ Run conduits for gas and electricity (if installing electric ignition or optional lighting)
- ☐ With a certified and bonded gas technician, run natural gas or propane line
- ☐ Inspector must approve installation prior to backfilling trench (consult local bylaw)
- ☐ Classify, amend and compact soil subgrade — final surface should not have variation greater than +/- ⅜" over 10'
- ☐ Install base (open-graded: ASTM #57) minimum 6"-8" thickness (or 2" open-graded: ASTM #8 for synthetic base application)
- ☐ Screed open-graded bedding layer, or install synthetic base. Synthetic base can be used when installing a gas burner
- ☐ Split 8 single-sided or 2 double-sided Structural Block units (4 per row) to create corners.
- ☐ Row 1: Cut and install Base Block laid out, as per diagram, ensuring units are set square and level
- ☐ Row 2: Install first course of Structural Block, inserting engineered tab into corresponding groove on previously installed Base Block
    - ☐ Identify vent location, layout and cut Structural and Fascia units accordingly
    - ☐ Install Fascia units, 2 left corners, 2 right corners and 4 straight units
- ☐ Row 3: Install second course of Structural Block, inserting engineered tab into corresponding groove on previously installed Fascia unit
    - ☐ Install Fascia units, 2 left corner, 2 right corners and 4 straight units
- ☐ Install ignition panel in desired location (Fascia unit(s) to be cut)
- ☐ Test fit burner and pan, adjust to fit and support unit using Structural Block placed in the central opening of the structure
- ☐ Allow gas technician to connect and test burner system and secure components
- ☐ Install optional under cap lighting
- ☐ Install Raffinato 60mm Cap
- ☐ Adhere units using Flexlock Ultra/Gator Block Bond XP adhesive (apply in direction of desired air flow)
- ☐ Install decorative media and optional windscreen

ROW-BY-ROW DRAWINGS

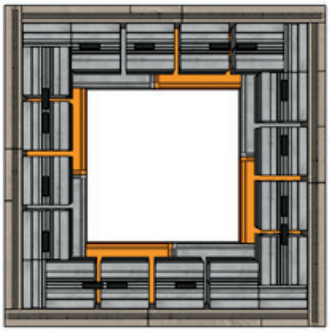




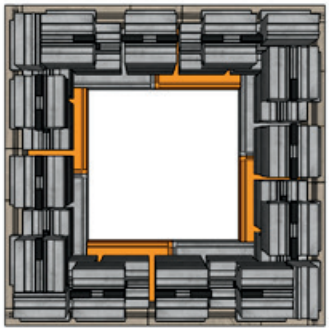
ROW 1 - BASE BLOCKS



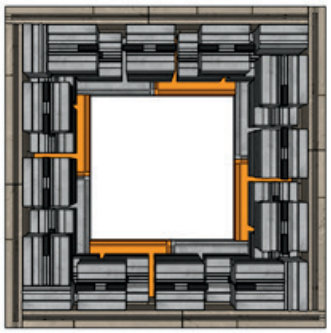
ROW 2 -
STRUCTURAL BLOCKS



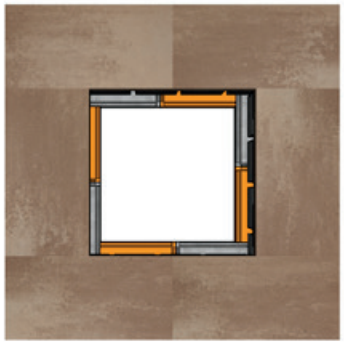
ROW 2 - ICONIC OR
ROSEMONT BLOCK



ROW 3 -
STRUCTURAL BLOCKS



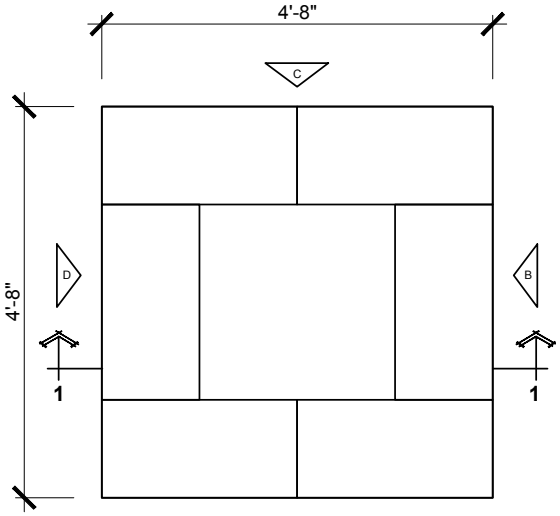
ROW 3 - ICONIC OR
ROSEMONT BLOCKS



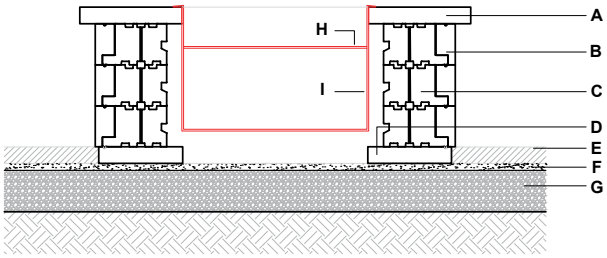
ROW 4 - CAPS

ROW 4 - STEEL INSERT,
IF WOOD-BURNING

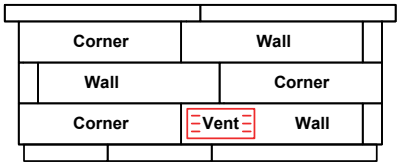
CAD DRAWING



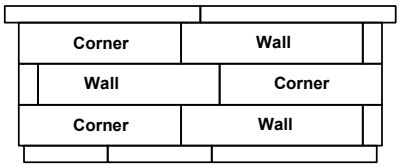
Plan view



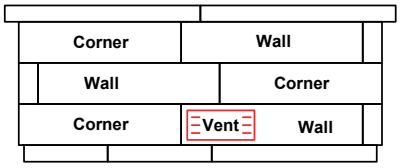
Section 1-1



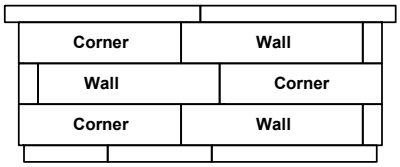
Elevation A



Elevation B



Elevation C



Elevation D

QUANTITY OF MATERIALS REQUIRED
Iconic Fascia Wall : 12 PCS
Iconic Fascia Corners : 12 PCS
Fascia Structural Block single sided : 60 PCS
Fascia Base units : 8 PCS
Raffinato Caps : 6 PCS

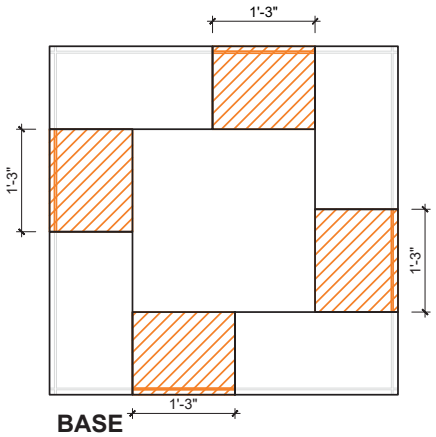
A. RAFFINATO CAPS 60mm
B. ICONIC FASCIA WALL PANELS
C. FASCIA STRUCTURAL BLOCK SINGLE-SIDED
D. FASCIA BASE UNITS
E. TECHO-BLOC PAVERS OR SLABS
F. SETTING BED 1" (25 mm)
G. COMPACTED GRANULAR 0-3/4" (0-20 mm)
H. BURNER BY WARMING TRENDS
- For natural gas or propane burner configuration only
- 2 vents required for cross-ventilation

or

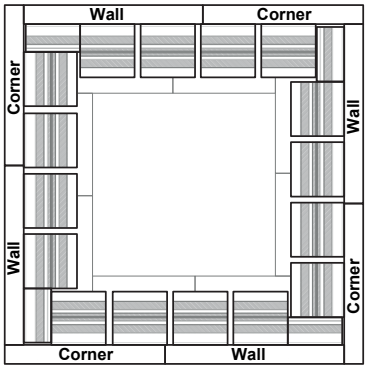
I. STEEL BOX INSERT FOR WOOD BURNING APPLICATION

NOTE: Secure the blocks using a heat resistant concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

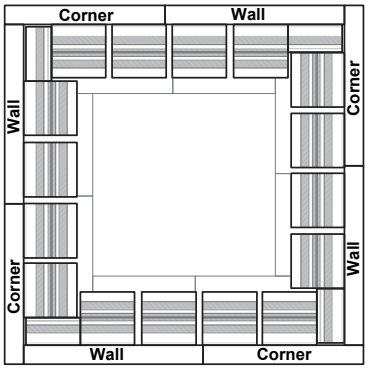
CAD DRAWING



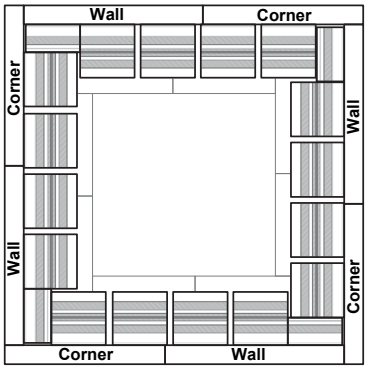
BASE



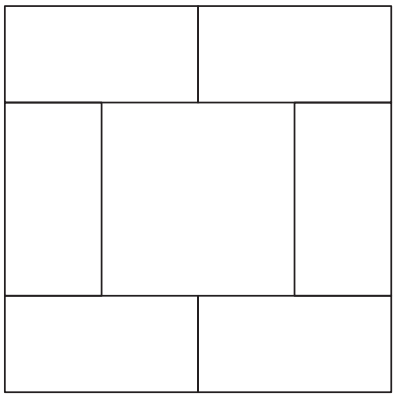
ROW 1



ROW 2



ROW 3



CAPS

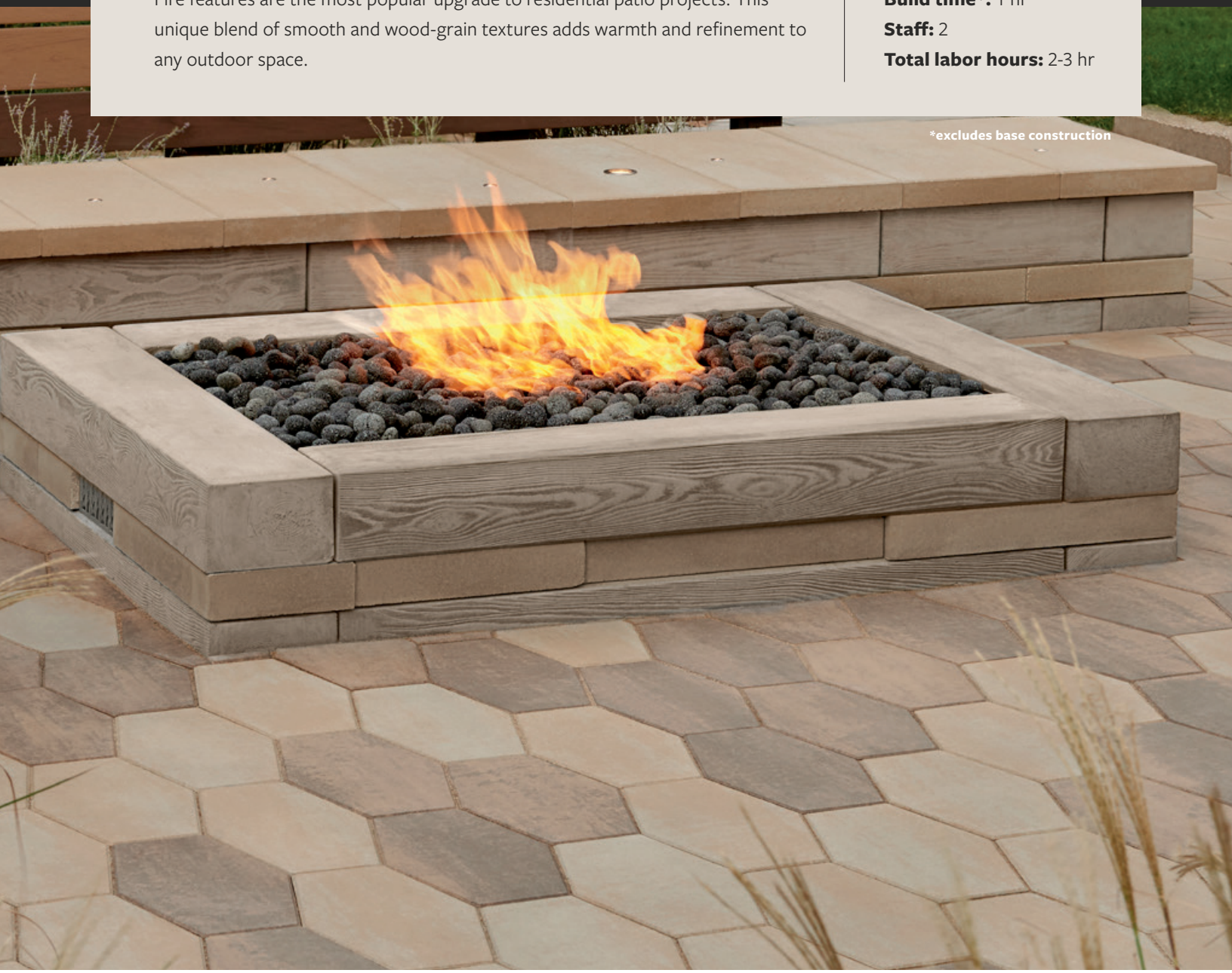
CUT UNITS

BOREALIS + GRAPHIX WALL FIRE FEATURE / "FIRE PIT" (LENGTH: 5′ 4″)

Fire features are the most popular upgrade to residential patio projects. This unique blend of smooth and wood-grain textures adds warmth and refinement to any outdoor space.

Build time*: 1 hr
Staff: 2
Total labor hours: 2-3 hr

*excludes base construction



Borealis + Graphix Wall Fire Feature / "Fire Pit"

Material and Labor Checklist

✓	Material Name	Unit Cost	Quantity	Total Cost
	ASTM #57 or RC-57 (¾" clean stone or recycled concrete) or Synthetic Base	$____	____	$____
	ASTM #8 (¼" clean stone) or ASTM C 33 (Washed concrete sand) bedding layer (helpful when leveling large wetcast units)	$____	____	$____
	8 units - Borealis Wall	$____	____	$____
	4.1 sq.ft. (10 units) - Graphix Wall	$____	____	$____
	Warming Trends fabricated pan, selected burners and ignition system	$____	____	$____
	Optional windscreen	$____	____	$____
	Decorative heat resistant media (glass or lava rock)	$____	____	$____
	Pave Tool Quick-E Vents (2.95" height)	$____	____	$____
	Flexlock Ultra adhesive	$____	____	$____

TOTAL MATERIALS COST: $_____

✓	Staff Type	Labor Cost	Labor Hours	Total Cost
	Hardscaper 1	$____	_____	$____
	Hardscaper 2	$____	_____	$____

TOTAL LABOR COST: $_____

GRAND TOTAL COST: $_____

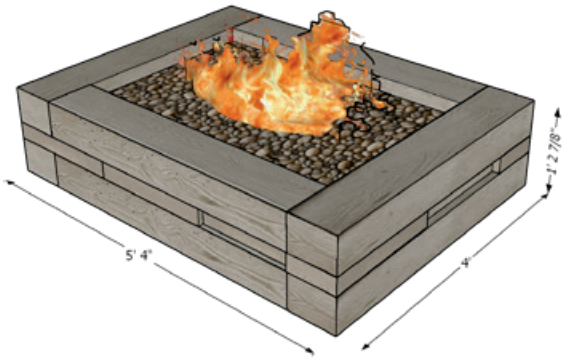
** Porous concrete mix design: 4 parts aggregate to 1 part Portland cement, mix carefully with just enough water to hydrate the cement, but not create a thick paste. The mix should hold together after being squeezed in your hand and should have a slight shine to it.

Process

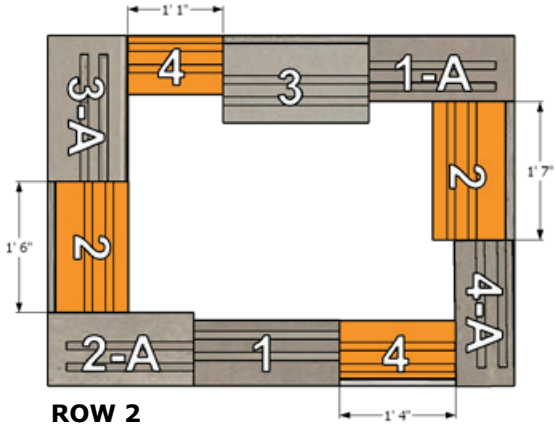
- ☐ Run conduits for gas and electricity (if electric ignition option)
- ☐ With a certified and bonded gas technician, run natural gas or propane line
- ☐ Installation must be approved by local inspector
- ☐ Install selected base material
- ☐ Screed optional bedding layer
- ☐ Install first course of Borealis Wall ensuring units are set square and level
- ☐ Install courses of Graphix Wall, marking and cutting as per plan (smooth faces out to replicate image above)
- ☐ Mark and cut Graphix Wall units to accommodate vents and ignition panel
- ☐ Install final course of Borealis Wall
- ☐ Test fit burner and pan, adjust to fit and support unit using block supports or metal brackets
- ☐ Allow gas technician to connect and test burner system and secure components
- ☐ Adhere units using Flexlock Ultra adhesive (apply in direction of desired air flow)
- ☐ Install decorative media and optional windscreen

Always consult appliance manufacturer's recommendations regarding cross-ventilation and fuel requirements.

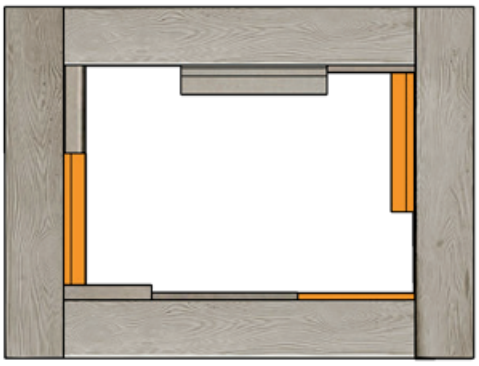
ROW-BY-ROW DRAWINGS



ROW 1

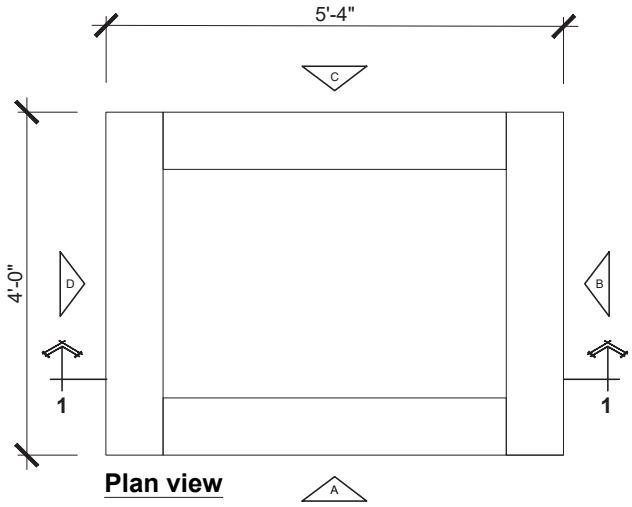


ROW 2

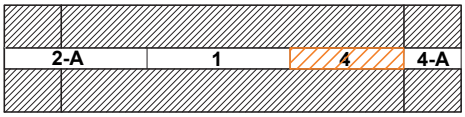


ROW 3

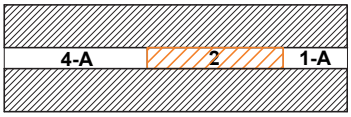
CAD DRAWING



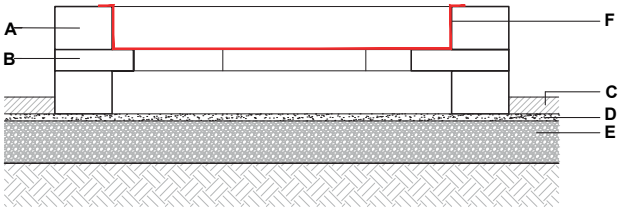
Plan view



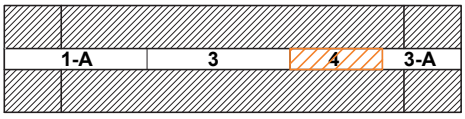
Elevation A



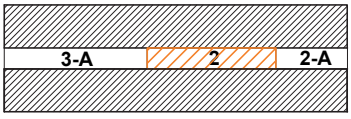
Elevation B



Section 1-1



Elevation C



Elevation D

QUANTITY OF MATERIALS REQUIRED

Graphix wall : 2 Rows
Borealis wall : 2 rows

A. BOREALIS WALL UNIT
B. GRAPHIX WALL UNIT, SMOOTH FACE ONLY
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)
F. CUSTOM PAN BY WARMING TRENDS
   - For Natural gas or Propane burner configurations only.
G. 2 VENTS REQUIRED FOR CROSS-VENTILATION.
   - Pave Tool Quick-E classic vents available in 2.9" height to match Graphix & 9.75" wide.
   - Recommended location for natural gas application is in the Graphix layer.

NOTE: Secure the blocks using a heat resistant concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

CUT UNITS

RAFFINATO STEP LINEAR FIRE FEATURE / "FIRE PIT" (LENGTH: 9′ 4″)

The Raffinato Step linear fire feature is a creative addition that is sure to add warmth to any landscape. The design is easy to build, and can be completed within a single day.

Build time*: 2 hr
Staff: 2
Total labor hours: 2-3 hr

*excludes base construction

Raffinato Step Linear feature/"Fire Pit"

Material and Labor Checklist

✓	Material Name	Unit Cost	Quantity	Total Cost
	ASTM #57 or ASTM C-2940	$____	____	$____
	ASTM #8 or ASTM C-33	$____	____	$____
	Geotextile	$____	____	$____
	9 units Raffinato 60mm Cap or 60mm CPS for embedment	$____	____	$____
	12 units Raffinato Step	$____	____	$____
	Construction adhesive	$____	____	$____
	4 vents (min. 18 in^2 vent space required)	$____	____	$____
	1x burner	$____	____	$____
	1x windscreen	$____	____	$____
	Decorative media	$____	____	$____

TOTAL MATERIALS COST: $_____

✓	Staff Type	Labor Cost	Labor Hours	Total Cost
	Hardscaper 1	$____	_____	$____
	Hardscaper 2	$____	_____	$____

TOTAL LABOR COST: $_____

GRAND TOTAL COST: $_____

Process

- ☐ Run conduits for gas and electrical
- ☐ With certified, bonded gas technician, run propane or natural gas line
- ☐ Install heat-resistant drain *if required
- ☐ Appropriate inspector must approve installation prior to backfilling trench
- ☐ Classify, amend and compact soil subgrade — final surface should not have greater variation than +/- ⅜" over 10'
- ☐ Install appropriate geotextile (extended up sides of excavation and shingled with flow of water)
- ☐ Install base (open-graded base: ASTM #57 or dense-graded base: ASTM C-2940) minimum 4"-6" thickness
- ☐ Install 1" leveling bed (open-graded: ASTM #8 or dense-graded: ASTM C-33) *optional
- ☐ Install Concrete Paving Slabs (CPS) for embedment *best practice
- ☐ Mark and cut Raffinato Step units to accomodate ventilation and assembly plan
- ☐ Mechanically install Raffinato Step units as per plan, including manufacturer-recommended cross-ventilation
- ☐ Apply appropriate construction adhesive between units *high temperature-resistant when applicable
- ☐ Trial fit of burner in fire feature opening, evaluate need for internal burner supports (block supports or metal brackets)
- ☐ With certified, bonded gas technician, connect burner to gas line
- ☐ Install windscreen and decorative media (lava rock, glass, etc.)

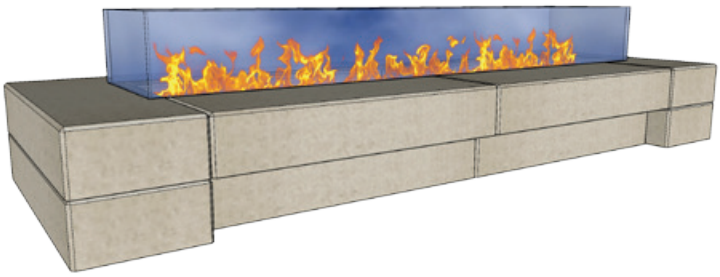
Always consult manufacturer's recommendations regarding cross-ventilation requirements.

ROW-BY-ROW DRAWINGS

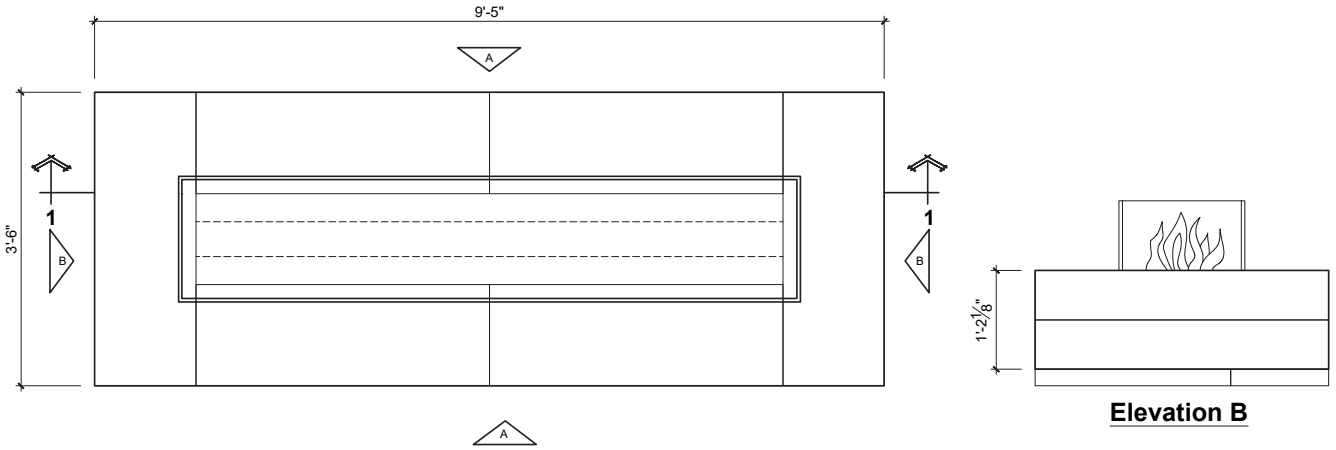
Row 1

Row 2

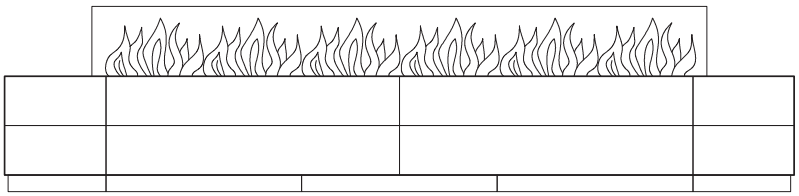
Row 3



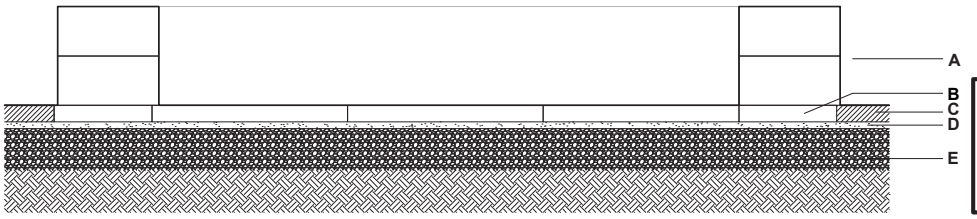
CAD DRAWING



Elevation B



Elevation A



Section 1-1

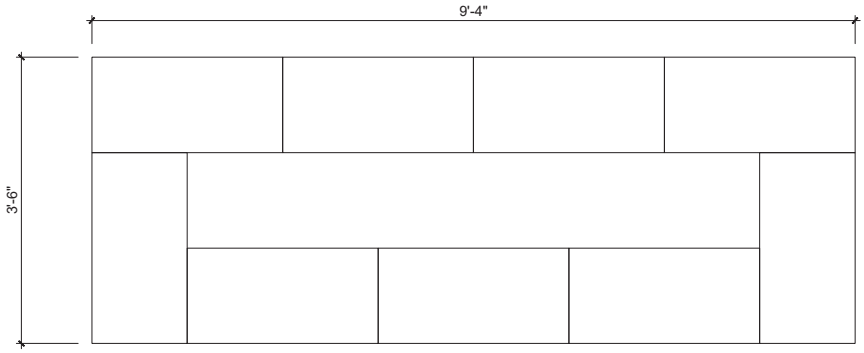
QUANTITY OF MATERIALS REQUIRED

Raffinato step units: 12 pcs
Raffinato 60mm caps: 9 pcs

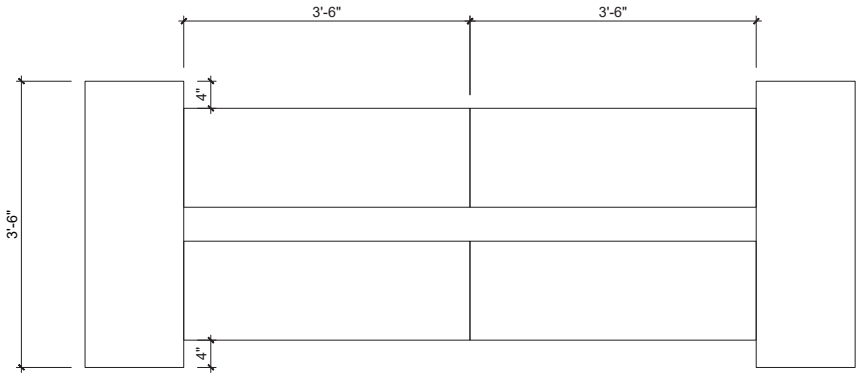
A. RAFFINATO STEP UNIT
B. RAFFINATO 60MM CAP AS THE BASE
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

NOTE: Secure the blocks using a concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

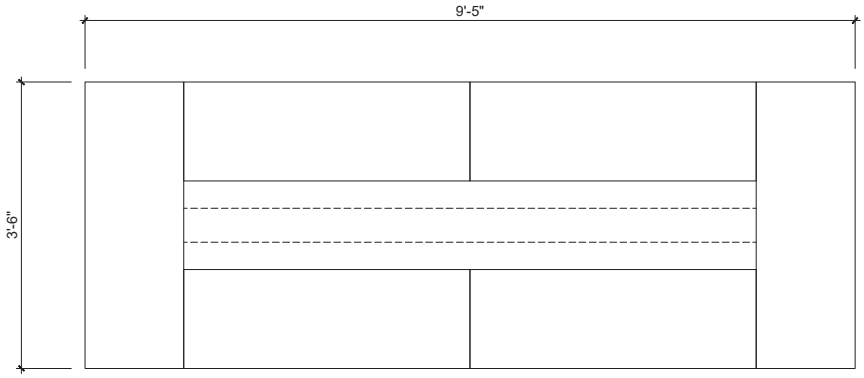
CAD DRAWING



ROW 1 (BASE) RAFFINATO 60mm CAPS



ROW 2 (4" Toe kick)



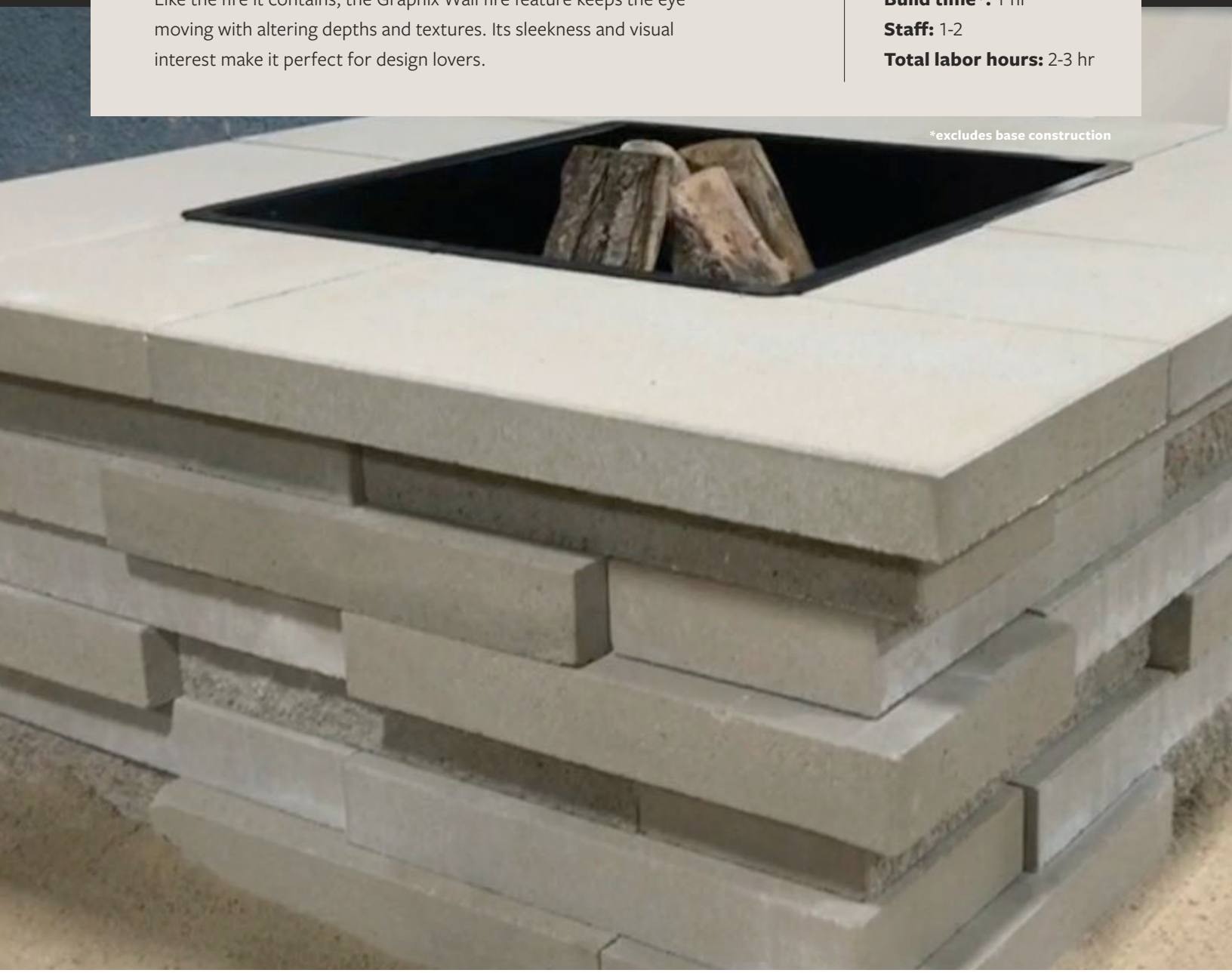
ROW 3

GRAPHIX WALL FIRE FEATURE / "FIRE PIT" (LENGTH: 4′ 6 ¾″)

Like the fire it contains, the Graphix Wall fire feature keeps the eye moving with altering depths and textures. Its sleekness and visual interest make it perfect for design lovers.

Build time*: 1 hr
Staff: 1-2
Total labor hours: 2-3 hr

*excludes base construction



Graphix wall Fire Feature / "Fire Pit"

Material and Labor Checklist

✓	Material Name	Unit Cost	Quantity	Total Cost
	ASTM #57 or ASTM C-2940	$____	____	$____
	ASTM #8 or ASTM C-33	$____	____	$____
	Geotextile	$____	____	$____
	1 pallet Graphix Wall	$____	____	$____
	2 rows Graphix or Raffinato 60mm Cap	$____	____	$____
	Construction adhesive	$____	____	$____
	4 vents (min. 18 in^2 vent space required)	$____	____	$____
	1x burner	$____	____	$____
	1x windscreen	$____	____	$____
	Decorative media	$____	____	$____

TOTAL MATERIALS COST: $_____

✓	Staff Type	Labor Cost	Labor Hours	Total Cost
	Hardscaper 1	$____	_____	$____
	Hardscaper 2	$____	_____	$____

TOTAL LABOR COST: $_____

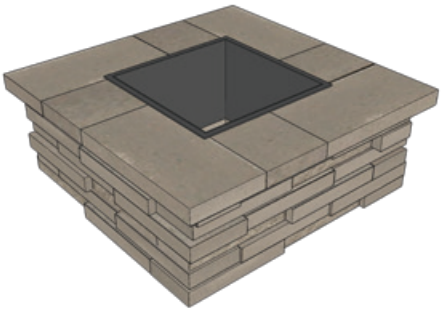
GRAND TOTAL COST: $_____

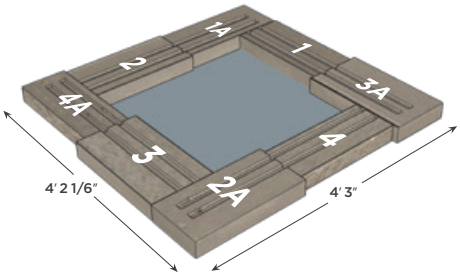
Process

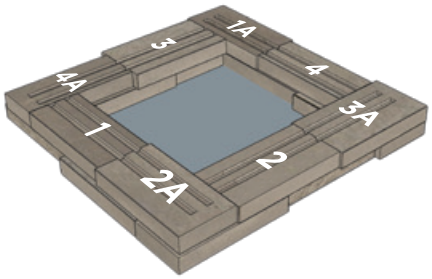
- ☐ Run conduits for gas and electrical
- ☐ With certified, bonded gas technician, run propane or natural gas line *omit if wood-burning
- ☐ Install heat-resistant drain *if required
- ☐ Appropriate inspector must approve installation prior to backfilling trench *omit if wood-burning
- ☐ Classify, Amend & Compact soil subgrade. Final surface should not have greater variation than +/- ⅜" over 10'
- ☐ Install appropriate geotextile (extended up sides of excavation and shingled with flow of water)
- ☐ Install base (open-graded base: ASTM #57 or dense-graded base: ASTM C-2940) minimum 4"-6" thickness
- ☐ Install 1" leveling bed (open-graded: ASTM #8 or dense-graded: ASTM C-33) *optional
- ☐ Install Concrete Paving Slabs (CPS) for embedment *best practice
- ☐ Assemble fire feature using Graphix Wall block, as per plan
- ☐ Mark and cut blocks to accommodate manufacturer-recommended cross-ventilation *omit if wood-burning
- ☐ Apply appropriate construction adhesive between units *high temperature-resistant when applicable
- ☐ Trial fit of burner in fire feature opening, evaluate need for internal burner supports (block supports or metal brackets) *omit if wood-burning
- ☐ Insert heat-resistant steel liner or fire brick if wood-burning
- ☐ With certified, bonded gas technician, connect burner to gas line *omit if wood-burning
- ☐ Install windscreen and decorative media (lava rock, glass, etc.) *omit if wood-burning

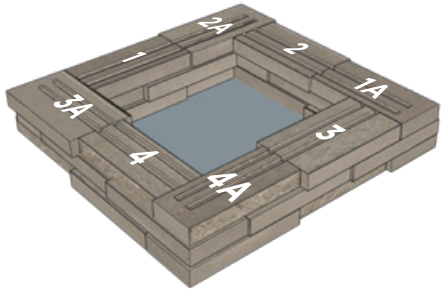
Always consult manufacturer's recommendations regarding cross-ventilation requirements.

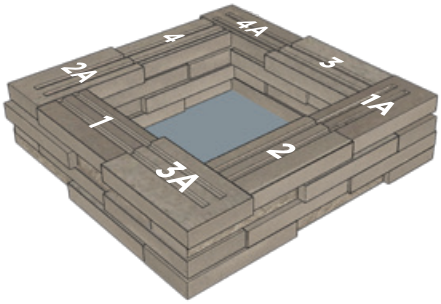
ROW-BY-ROW DRAWINGS

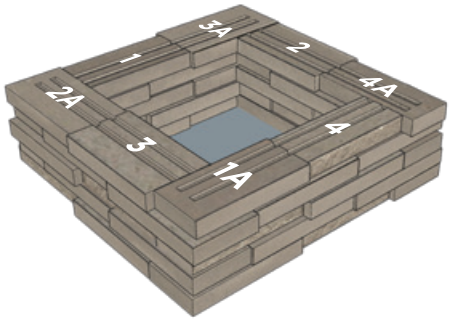


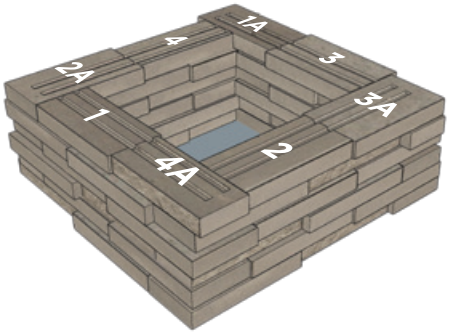


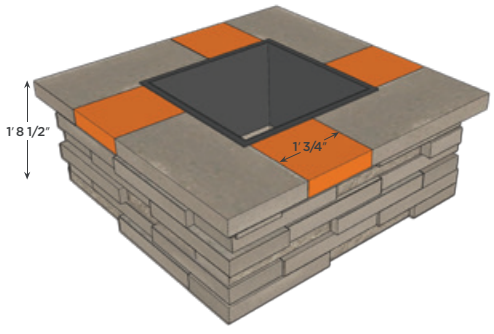




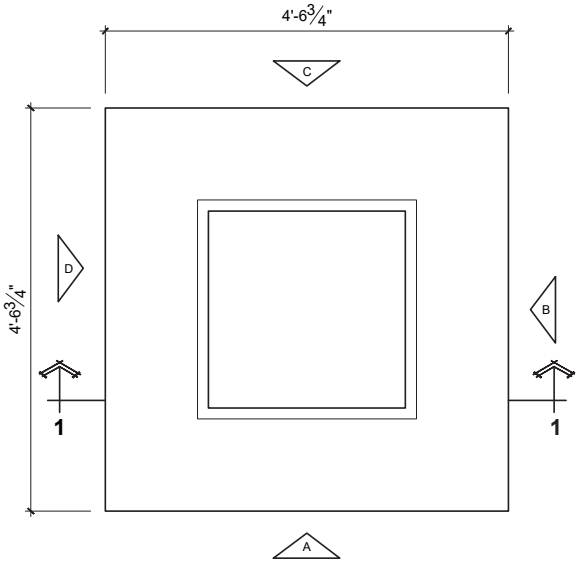


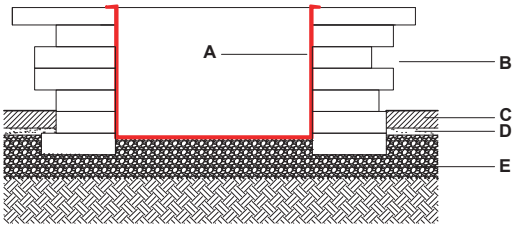






CAD DRAWING

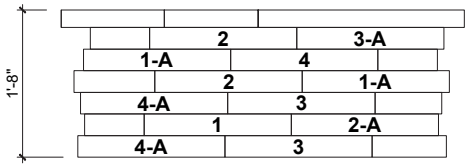




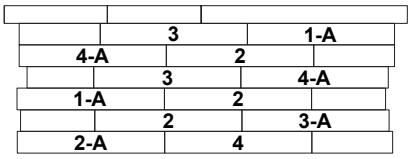
Section 1-1

QUANTITY OF MATERIALS REQUIRED

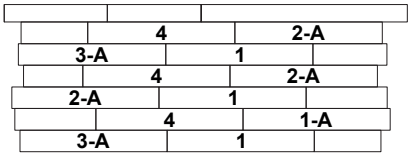
Graphix wall unit: 1 PAL



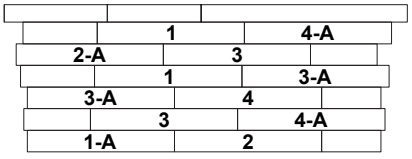
Elevation A



Elevation B



Elevation C

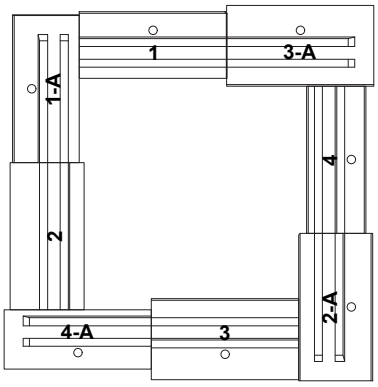


Elevation D

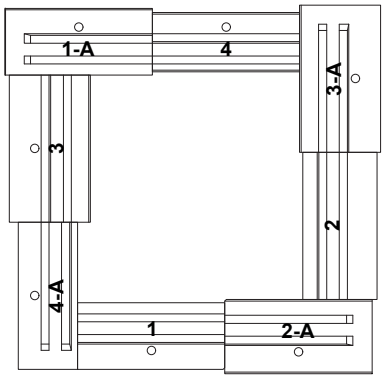
A. STEEL BOX INSERT
B. GRAPHIX WALL UNIT
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

NOTE: Secure the blocks using a concrete adhesive. The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

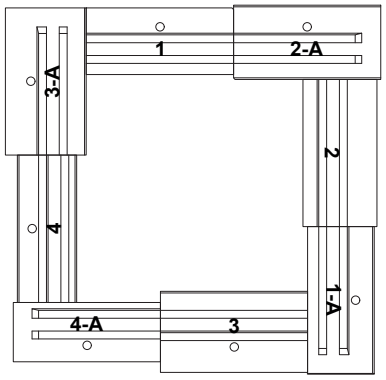
CAD DRAWING



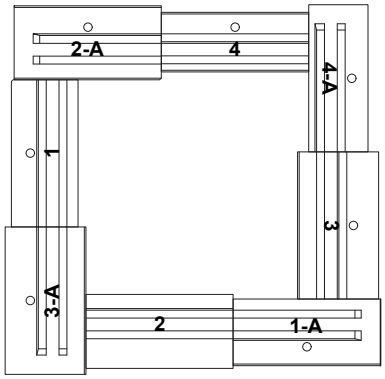
ROW 1



ROW 2



ROW 3



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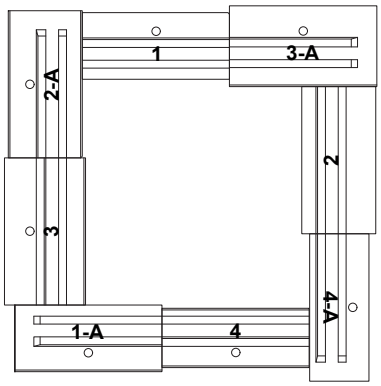

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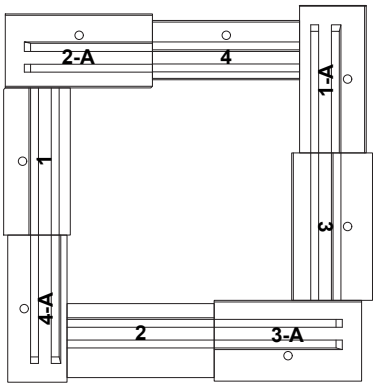

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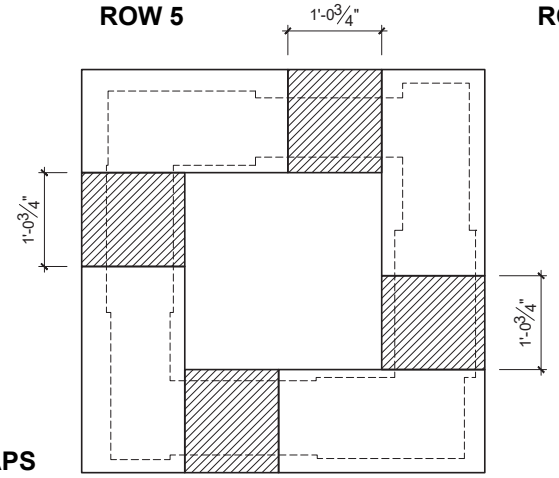


CAPS

BOREALIS FIREPIT
FIRE FEATURE / “FIRE PIT”

The counter-intuitive look of wood framing in a blazing fire is one that is sure to set any landscape project apart. Give your customers the perfect focal point to settle in for a cozy evening in the outdoors.

Build time*: 1 hr
Staff: 1-2
Total labor hours: 2-3 hr

*excludes base construction

Borealis "Fire Pit"

Material and Labor Checklist

✓	Material Name	Unit Cost	Quantity	Total Cost
	Geotextile	$____	____	$____
	Open or Dense-graded base material	$____	____	$____
	1 pallet of Borealis Wall	$____	____	$____
	Flexlock Ultra Adhesive	$____	____	$____
	*if wood-burning: Fire Brick or Heat-Resistant Steel Sleeve/Insert (to line interior walls)	$____	____	$____
	High Temperature Resistant Adhesive (if using fire brick)	$____	____	$____
	**if Natural Gas or Liquid Propane: 2 Ventilation Grills (or as otherwise specified by burner supplier)	$____	____	$____
	1 burner & supporting pan	$____	____	$____
	1 Windscreen (optional)	$____	____	$____

TOTAL MATERIALS COST: $_____

✓	Staff Type	Labor Cost	Labor Hours	Total Cost
	Hardscaper 1	$____	_____	$____
	Hardscaper 2	$____	_____	$____

TOTAL LABOR COST: $_____

GRAND TOTAL COST: $_____

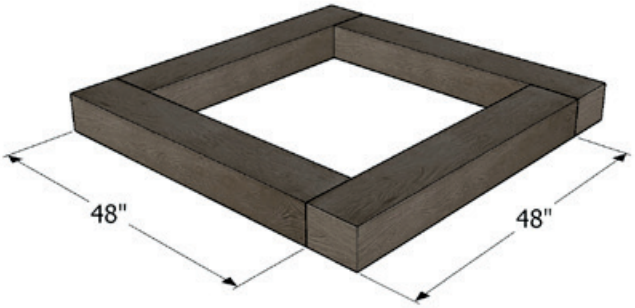
Process

- ☐ Run conduits for gas and electrical
- ☐ With certified, bonded gas technician, run propane or natural gas line *omit if wood-burning
- ☐ Install heat-resistant drain *if required
- ☐ Appropriate inspector must approve installation prior to backfilling trench *omit if wood-burning
- ☐ Classify, Amend & Compact soil subgrade. Final surface should not have greater variation than +/- ⅜" over 10'
- ☐ Install appropriate geotextile (extended up sides of excavation and shingled with flow of water)
- ☐ Install base (open-graded base: ASTM #57 or dense-graded base: ASTM C-2940) minimum 4"-6" thickness
- ☐ Install 1" leveling bed (open-graded: ASTM #8 or dense-graded: ASTM C-33) *optional
- ☐ Install Concrete Paving Slabs (CPS) for embedment *best practice, but optional
- ☐ Assemble fire feature using Borealis Wall block, as per plan
- ☐ Mark and cut blocks to accommodate manufacturer-recommended cross-ventilation *omit if wood-burning
- ☐ Apply appropriate construction adhesive between units *high temperature-resistant when applicable
- ☐ Trial fit of burner in fire feature opening, evaluate need for internal burner supports (block supports or metal brackets) *omit if wood-burning
- ☐ Insert heat-resistant steel liner or fire brick if wood-burning
- ☐ With certified, bonded gas technician, connect burner to gas line *omit if wood-burning
- ☐ Install windscreen and decorative media (lava rock, glass, etc.) *omit if wood-burning

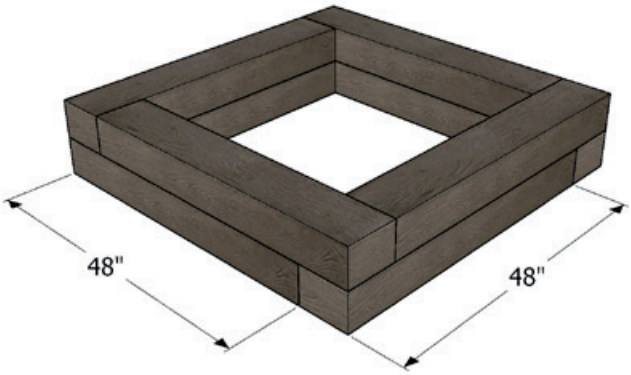
Always consult manufacturer's recommendations regarding cross-ventilation requirements.

ROW-BY-ROW DRAWINGS

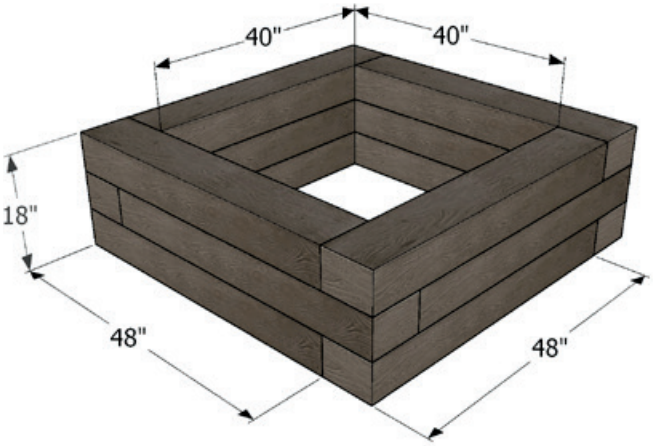
SQUARE



ROW 1



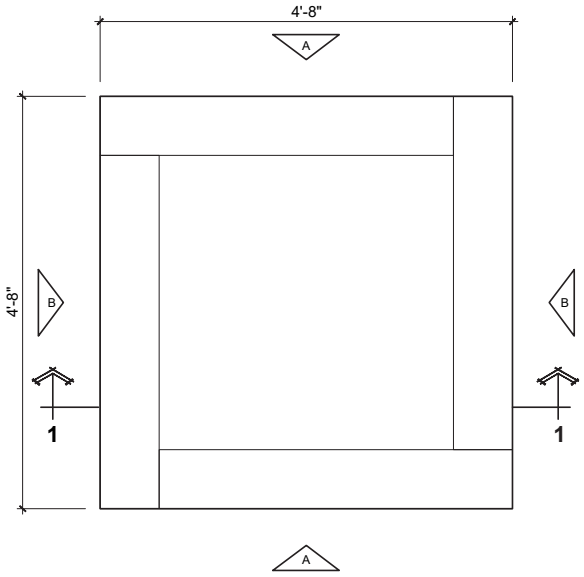
ROW 2

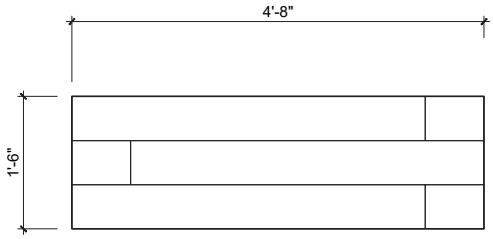


ROW 3

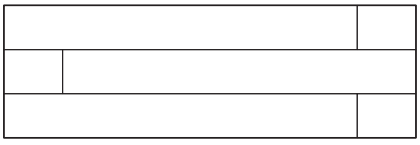
CAD DRAWING

SQUARE





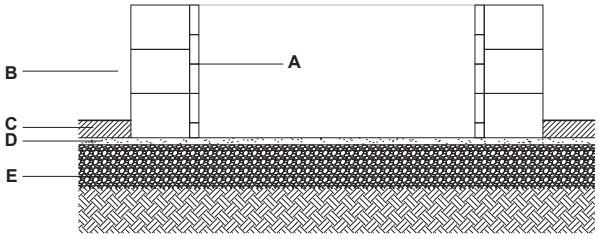
Elevation A



Elevation B

QUANTITY OF MATERIALS REQUIRED

Borealis wall unit: 12 pcs



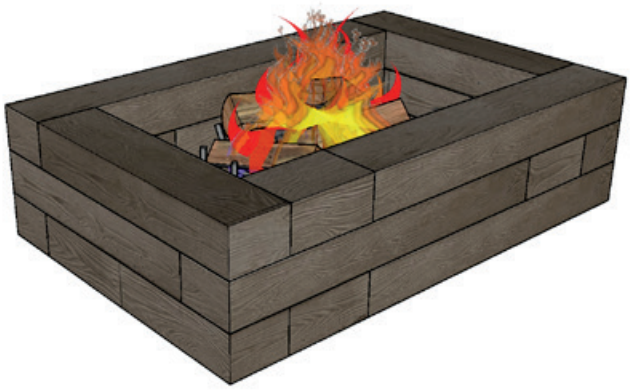
Section 1-1

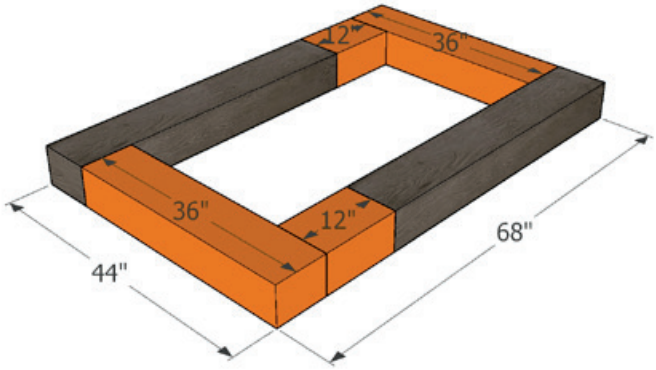
A. REFRACTORY BRICK
B. BOREALIS 6" WALL UNIT
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

NOTE: Secure the blocks using concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

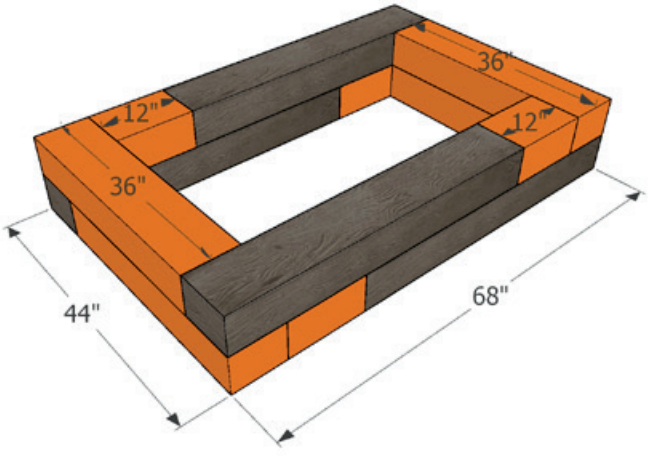
ROW-BY-ROW DRAWINGS

RECTANGULAR





ROW 1



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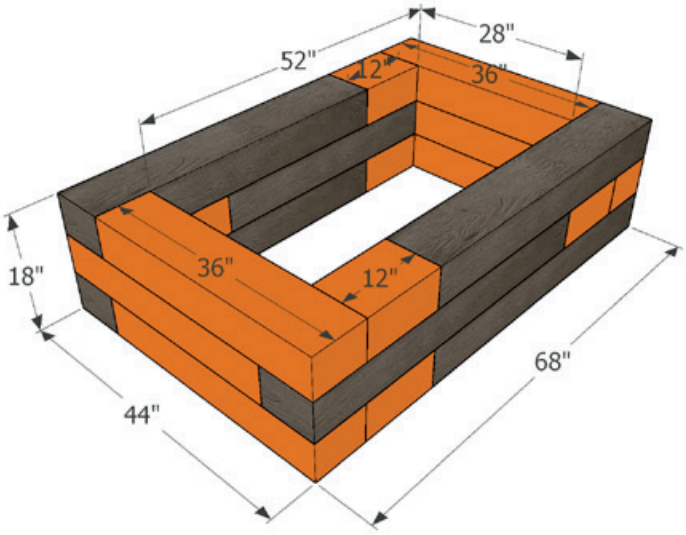
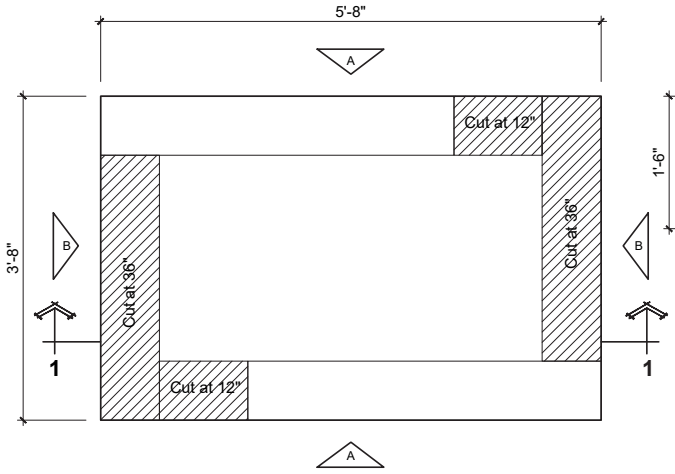
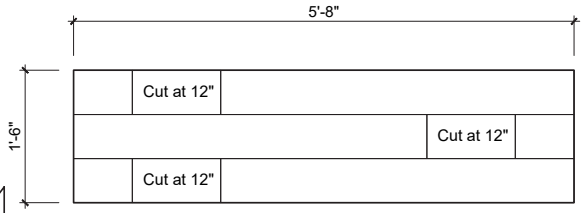


ROW 3

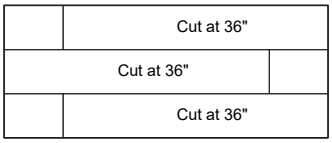
CAD DRAWING

RECTANGULAR





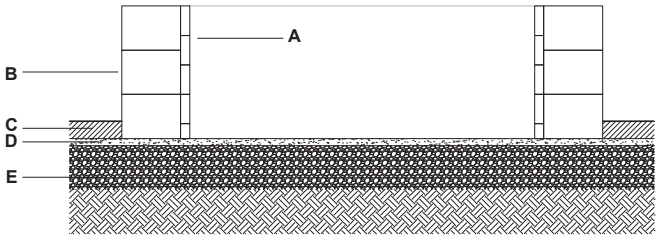
Elevation A



Elevation B

QUANTITY OF MATERIALS REQUIRED

Borealis wall unit: 12 pcs



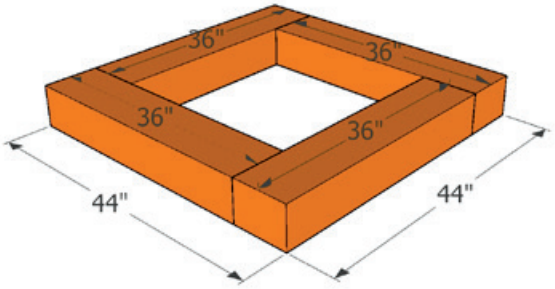
Section 1-1

A. REFRACTORY BRICK
B. BOREALIS 6" WALL UNIT
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

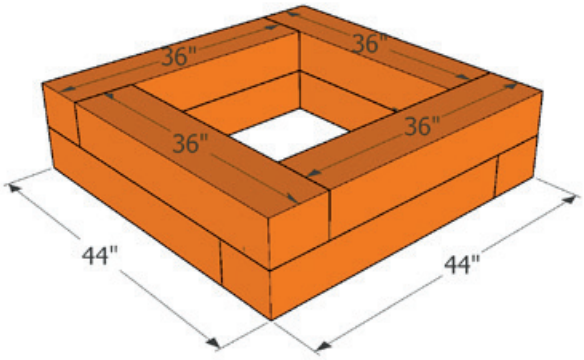
NOTE: Secure the blocks using a concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

ROW-BY-ROW DRAWINGS

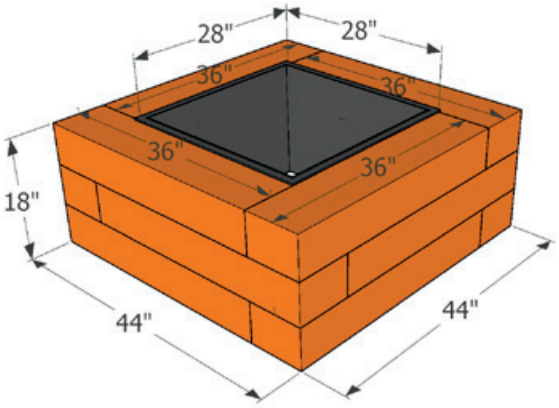
USING SQUARE HEAT-RESISTANT SLEEVE



ROW 1



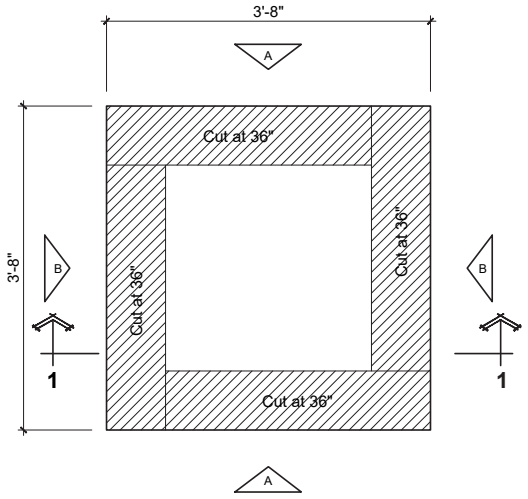
ROW 2

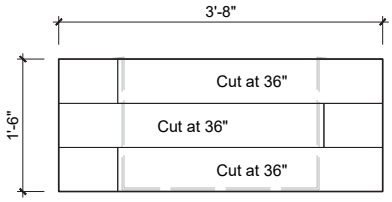


ROW 3

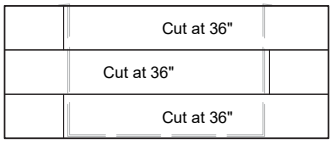
CAD DRAWING

USING SQUARE HEAT-RESISTANT SLEEVE





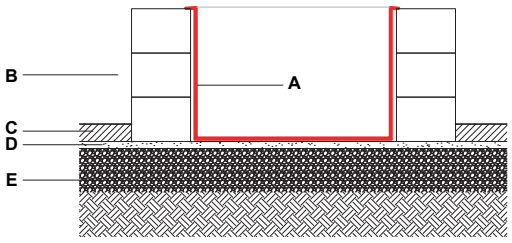
Elevation A



Elevation B

QUANTITY OF MATERIALS REQUIRED

Borealis wall unit: 16 (1 pallet)



Section 1-1

A. STEEL BOX INSERT
B. BOREALIS 6" WALL UNIT
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

NOTE: Secure the blocks using a concrete adhesive. The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

RÖCKA FIREPIT
FIRE FEATURE / “FIRE PIT”

The stack stone appearance of Röcka Wall is perfect to create a warm and inviting fire feature for homeowners to enjoy year round.

Build time*: 1 hr
Staff: 1-2
Total labor hours: 2-3 hr

***excludes base construction**

Röcka "Fire Pit"

Material and Labor Checklist

✓	Material Name	Unit Cost	Quantity	Total Cost
	Geotextile	$____	____	$____
	Open or Dense-graded base material	$____	____	$____
	1 pallet of Röcka Wall	$____	____	$____
	Flexlock Ultra Adhesive	$____	____	$____
	*if wood-burning: Fire Brick or Heat-Resistant Steel Sleeve/Insert (to line interior walls)	$____	____	$____
	High Temperature Resistant Adhesive (if using fire brick)	$____	____	$____
	**if Natural Gas or Liquid Propane: 2 Ventilation Grills (or as otherwise specified by burner supplier)	$____	____	$____
	1 burner & supporting pan	$____	____	$____
	1 Windscreen (optional)	$____	____	$____

TOTAL MATERIALS COST: $_____

✓	Staff Type	Labor Cost	Labor Hours	Total Cost
	Hardscaper 1	$____	_____	$____
	Hardscaper 2	$____	_____	$____

TOTAL LABOR COST: $_____

GRAND TOTAL COST: $_____

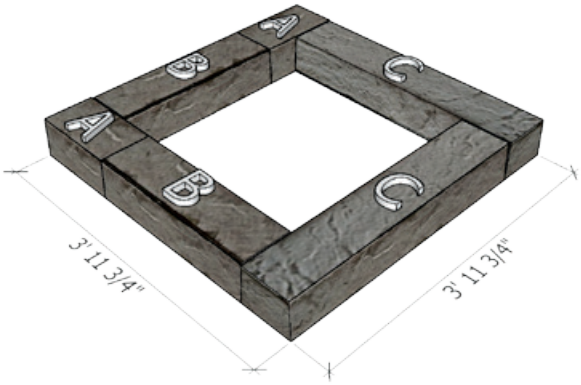
Process

- ☐ Run conduits for gas and electrical
- ☐ With certified, bonded gas technician, run propane or natural gas line *omit if wood-burning
- ☐ Install heat-resistant drain *if required
- ☐ Appropriate inspector must approve installation prior to backfilling trench *omit if wood-burning
- ☐ Classify, Amend & Compact soil subgrade. Final surface should not have greater variation than +/- ⅜" over 10'
- ☐ Install appropriate geotextile (extended up sides of excavation and shingled with flow of water)
- ☐ Install base (open-graded base: ASTM #57 or dense-graded base: ASTM C-2940) minimum 4"-6" thickness
- ☐ Install 1" leveling bed (open-graded: ASTM #8 or dense-graded: ASTM C-33) *optional
- ☐ Install Concrete Paving Slabs (CPS) for embedment *best practice
- ☐ Assemble fire feature using Röcka Wall block, as per plan
- ☐ Mark and cut blocks to accommodate manufacturer-recommended cross-ventilation *omit if wood-burning
- ☐ Apply appropriate construction adhesive between units *high temperature-resistant when applicable
- ☐ Trial fit of burner in fire feature opening, evaluate need for internal burner supports (block supports or metal brackets) *omit if wood-burning
- ☐ Insert heat-resistant steel liner or fire brick if wood-burning
- ☐ With certified, bonded gas technician, connect burner to gas line *omit if wood-burning
- ☐ Install windscreen and decorative media (lava rock, glass, etc.) *omit if wood-burning

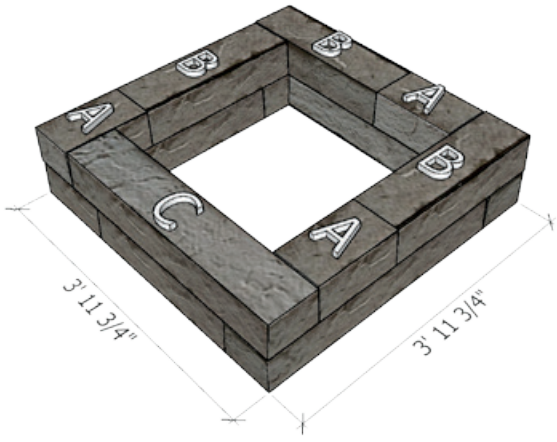
Always consult manufacturer's recommendations regarding cross-ventilation requirements.

ROW-BY-ROW DRAWINGS

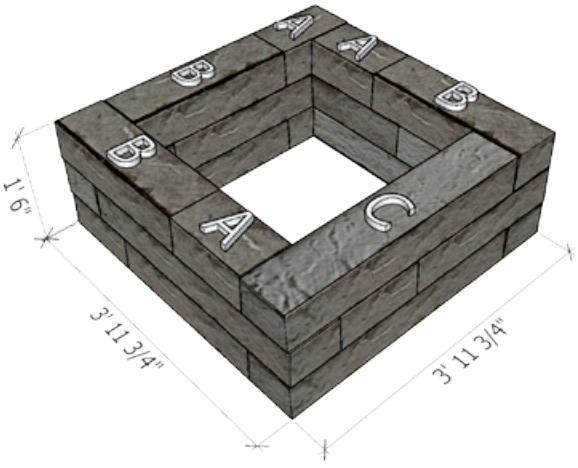
SQUARE



ROW 1



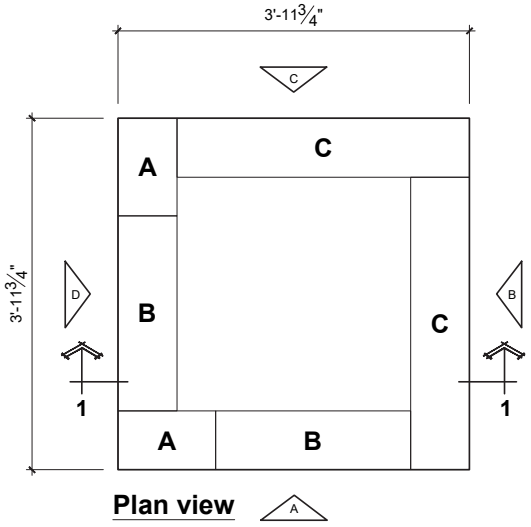
ROW 2



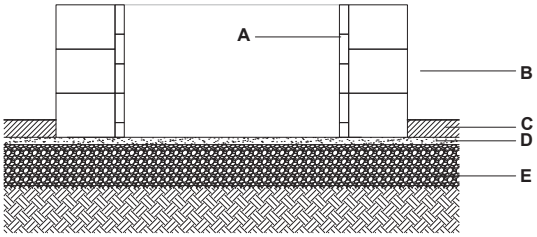
ROW 3

CAD DRAWING

SQUARE



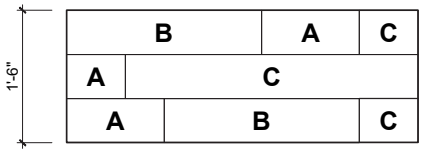
Plan view A



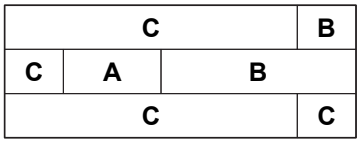
Section 1-1

QUANTITY OF MATERIALS REQUIRED

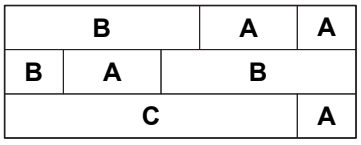
Rocka wall units: 1 PAL



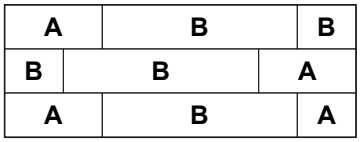
Elevation A



Elevation B



Elevation C



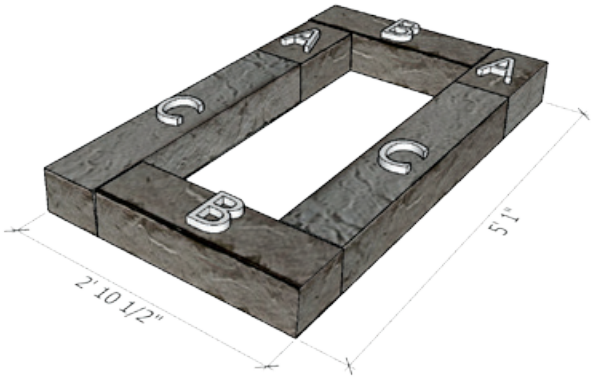
Elevation D

A. REFRACTORY BRICK
B. ROCKA WALL UNITS
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

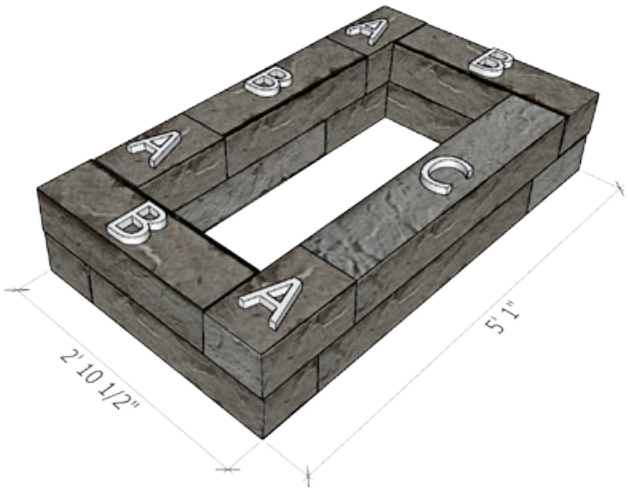
NOTE: Secure the blocks using a concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

ROW-BY-ROW DRAWINGS

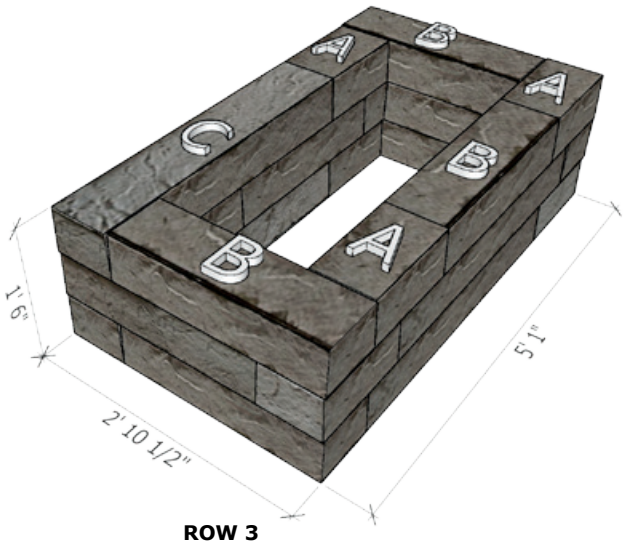
RECTANGULAR



ROW 1



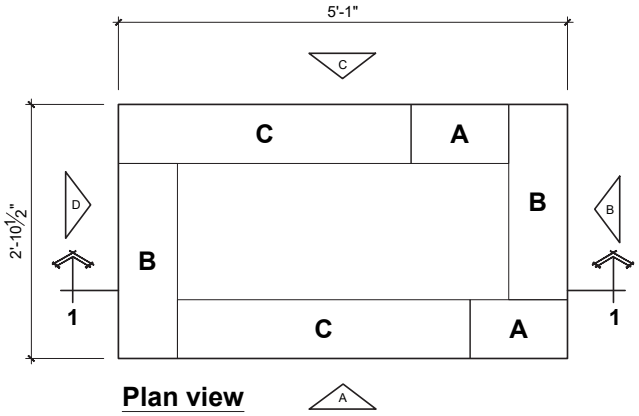
ROW 2



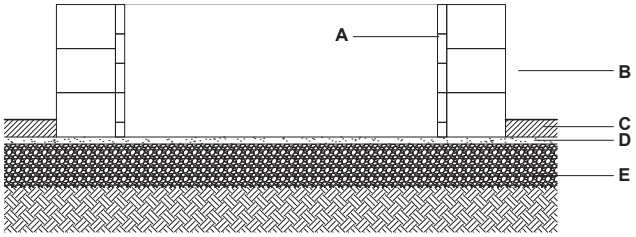
ROW 3

CAD DRAWING

RECTANGULAR



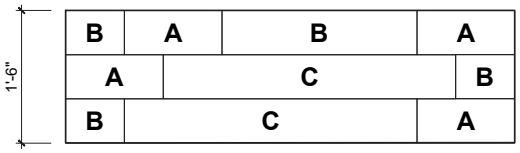
Plan view



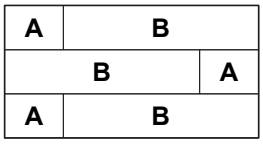
Section 1-1

QUANTITY OF MATERIALS REQUIRED

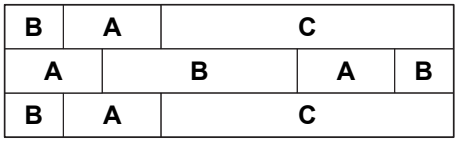
Rocka wall units: 1 PAL



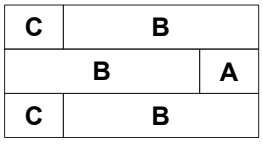
Elevation A



Elevation B



Elevation C



Elevation D

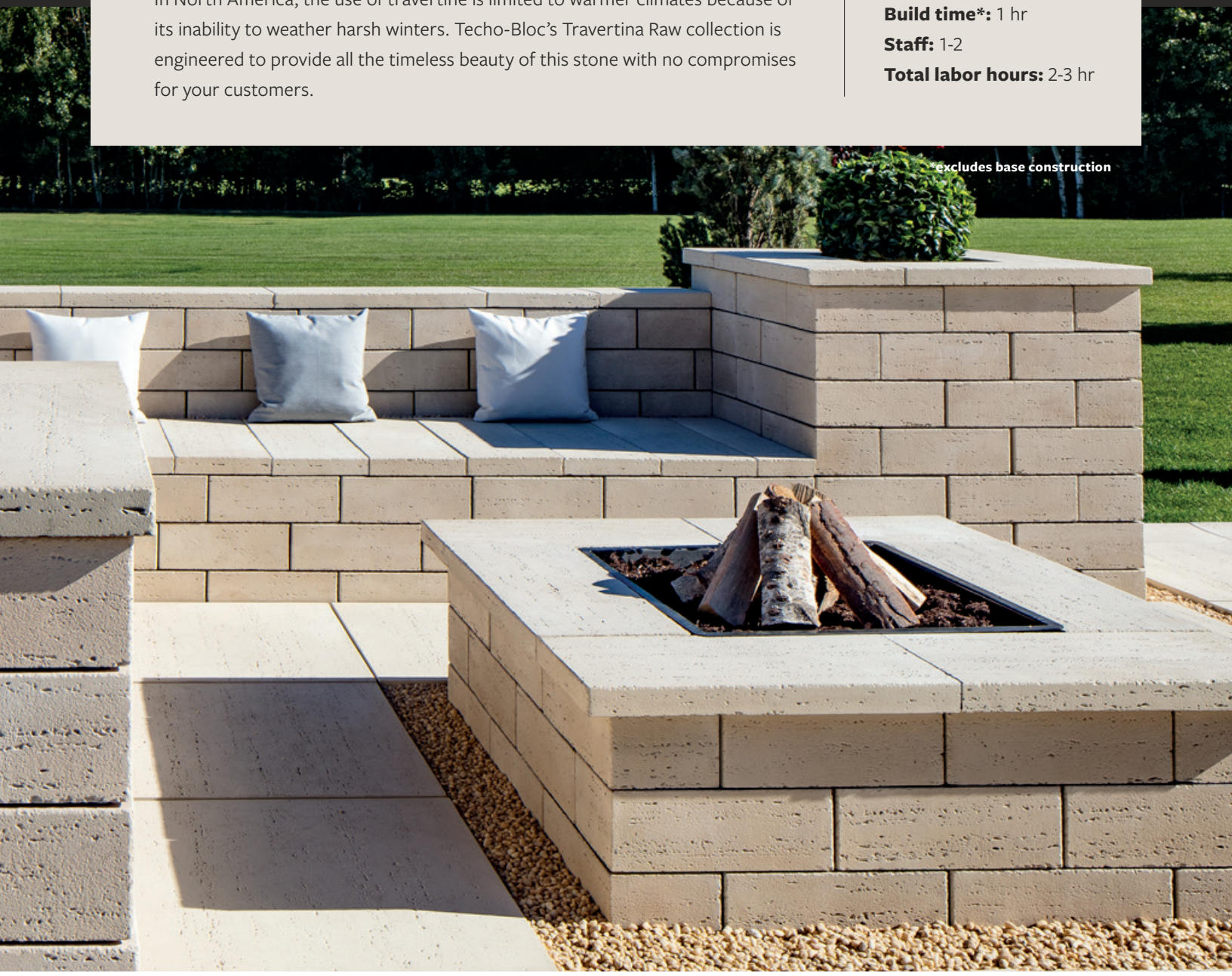
A. REFRACTORY BRICK
B. ROCKA WALL UNITS
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

NOTE: Secure the blocks using a concrete adhesive. The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

TRAVERTINA FIREPIT
FIRE FEATURE / “FIRE PIT”

In North America, the use of travertine is limited to warmer climates because of its inability to weather harsh winters. Techo-Bloc’s Travertina Raw collection is engineered to provide all the timeless beauty of this stone with no compromises for your customers.

Build time*: 1 hr
Staff: 1-2
Total labor hours: 2-3 hr



*excludes base construction

Raffinato Step Linear feature/"Fire Pit"

Material and Labor Checklist

✓	Material Name	Unit Cost	Quantity	Total Cost
	Geotextile	$____	____	$____
	Open or Dense-graded base material	$____	____	$____
	1 pallet and 1 row of Travertina Wall Corner Units	$____	____	$____
	2 rows of Travertina Raw 12"x30" Cap	$____	____	$____
	Flexlock Ultra Adhesive	$____	____	$____
	*if wood-burning: Fire Brick or Heat-Resistant Steel Sleeve/Insert (to line interior walls)	$____	____	$____
	High Temperature Resistant Adhesive (if using fire brick)	$____	____	$____
	**if Natural Gas or Liquid Propane: 2 Ventilation Grills (or as otherwise specified by burner supplier)	$____	____	$____
	1 burner & supporting pan	$____	____	$____
	1 Windscreen (optional)	$____	____	$____

TOTAL MATERIALS COST: $_____

✓	Staff Type	Labor Cost	Labor Hours	Total Cost
	Hardscaper 1	$____	_____	$____
	Hardscaper 2	$____	_____	$____

TOTAL LABOR COST: $_____

GRAND TOTAL COST: $_____

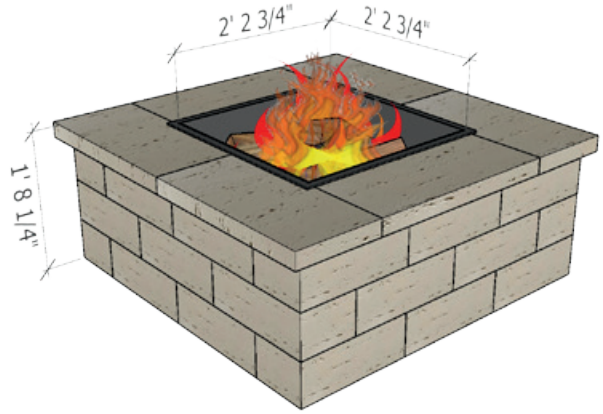
Process

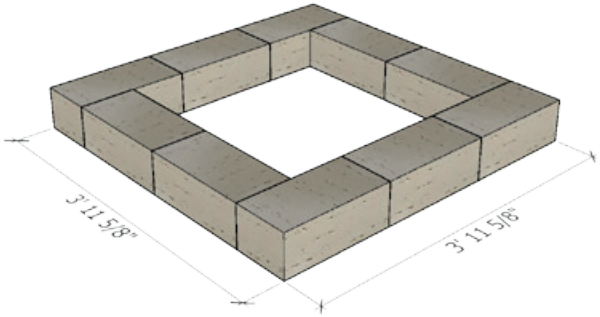
- ☐ Run conduits for gas and electrical
- ☐ With certified, bonded gas technician, run propane or natural gas line *omit if wood-burning
- ☐ Install heat-resistant drain *if required
- ☐ Appropriate inspector must approve installation prior to backfilling trench *omit if wood-burning
- ☐ Classify, Amend & Compact soil subgrade. Final surface should not have greater variation than +/- ⅜" over 10'
- ☐ Install appropriate geotextile (extended up sides of excavation and shingled with flow of water)
- ☐ Install base (open-graded base: ASTM #57 or dense-graded base: ASTM C-2940) minimum 4"-6" thickness
- ☐ Install 1" leveling bed (open-graded: ASTM #8 or dense-graded: ASTM C-33) *optional
- ☐ Install Concrete Paving Slabs (CPS) for embedment *best practice
- ☐ Assemble fire feature using Travertina Wall block, as per plan
- ☐ Mark and cut blocks to accommodate manufacturer-recommended cross-ventilation *omit if wood-burning
- ☐ Apply appropriate construction adhesive between units *high temperature-resistant when applicable
- ☐ Trial fit of burner in fire feature opening, evaluate need for internal burner supports (block supports or metal brackets) *omit if wood-burning
- ☐ Insert heat-resistant steel liner or fire brick if wood-burning
- ☐ With certified, bonded gas technician, connect burner to gas line *omit if wood-burning
- ☐ Install windscreen and decorative media (lava rock, glass, etc.) *omit if wood-burning

Always consult manufacturer's recommendations regarding cross-ventilation requirements.

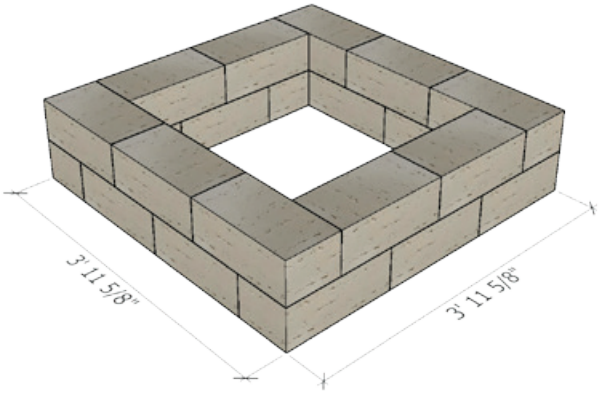
ROW-BY-ROW DRAWINGS

SQUARE

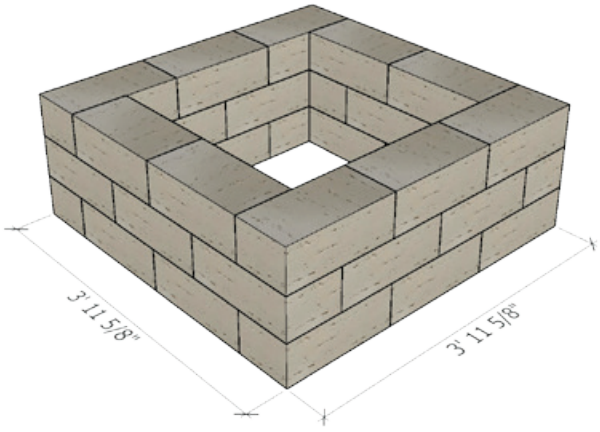




ROW 1



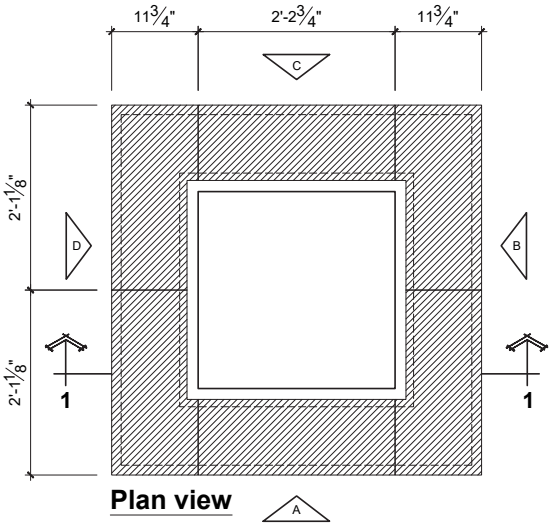
ROW 2



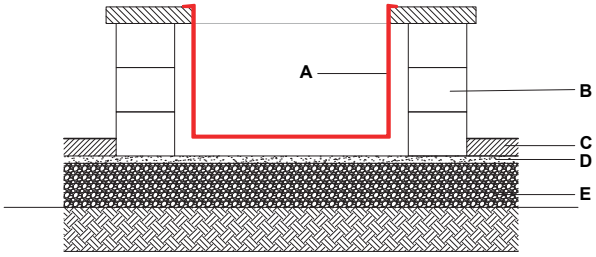
ROW 3

CAD DRAWING

SQUARE



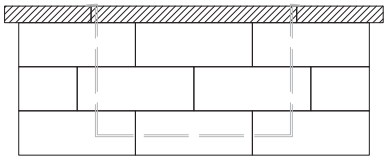
Plan view



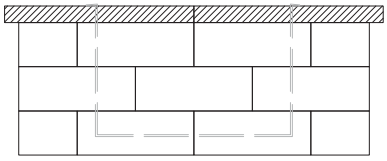
Section 1-1

QUANTITY OF MATERIALS REQUIRED

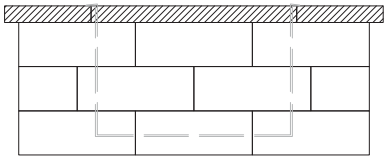
Travertina Raw Corner units: 30 Pcs
Travertina Raw Cap unit: 6 Pcs



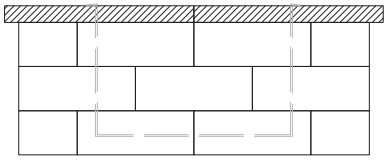
Elevation A



Elevation B



Elevation C



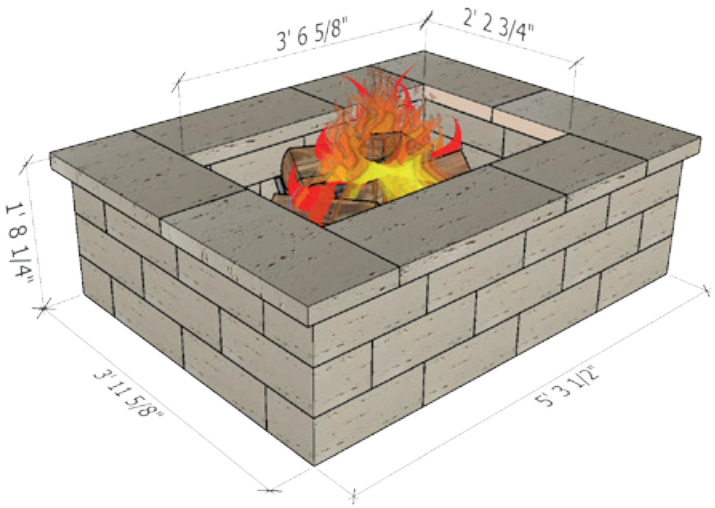
Elevation D

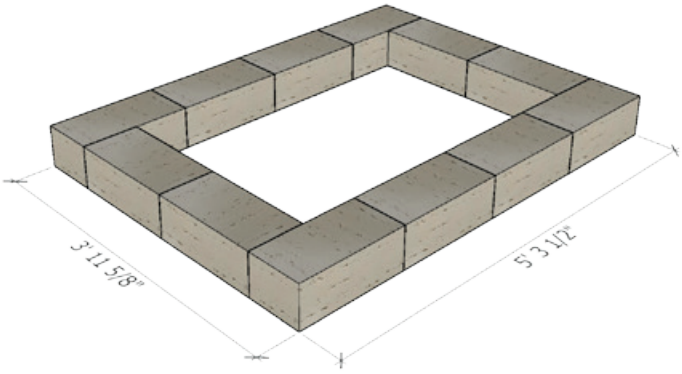
A. STEEL BOX INSERT
B. TRAVERTINA RAW CORNER UNIT
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

NOTE: Secure the blocks using a concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

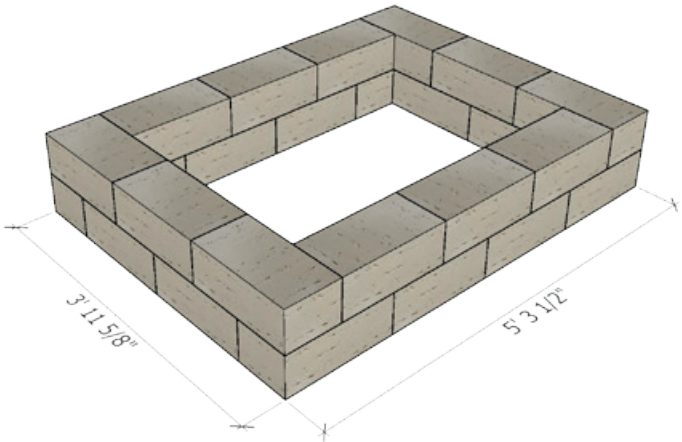
ROW-BY-ROW DRAWINGS

RECTANGULAR

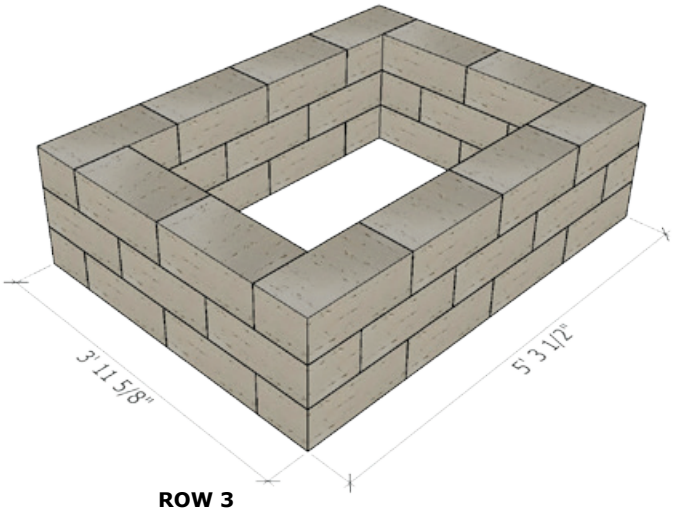




ROW 1



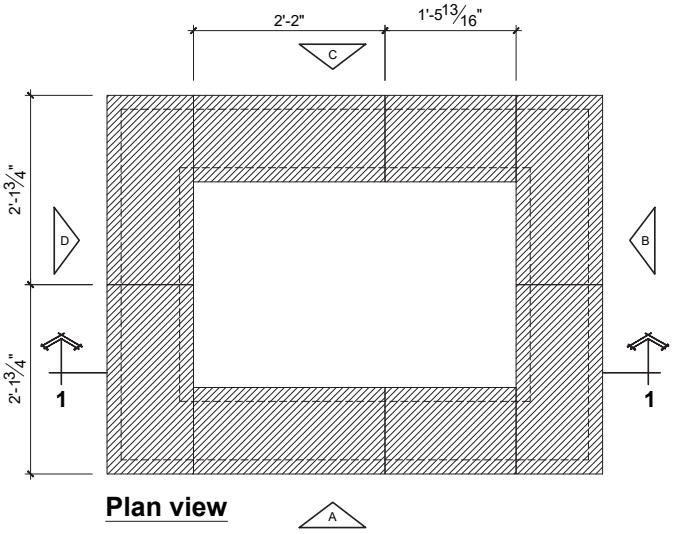
ROW 2



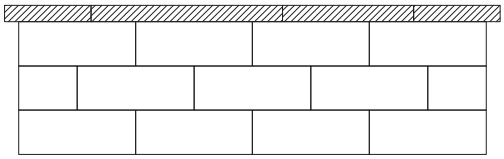
ROW 3

CAD DRAWING

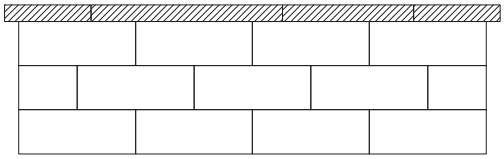
RECTANGULAR



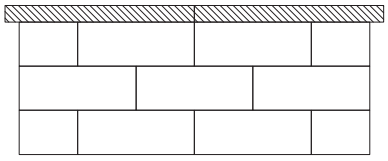
Plan view



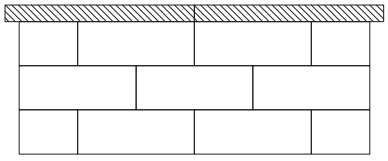
Elevation A



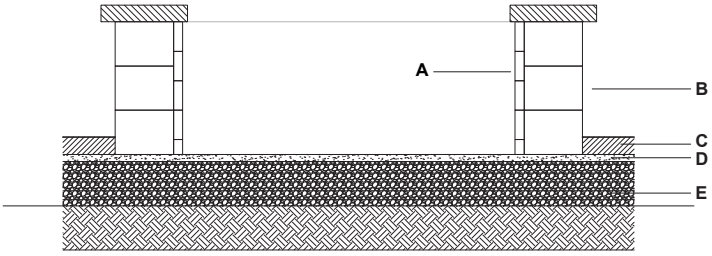
Elevation B



Elevation C



Elevation D



Section 1-1

QUANTITY OF MATERIALS REQUIRED

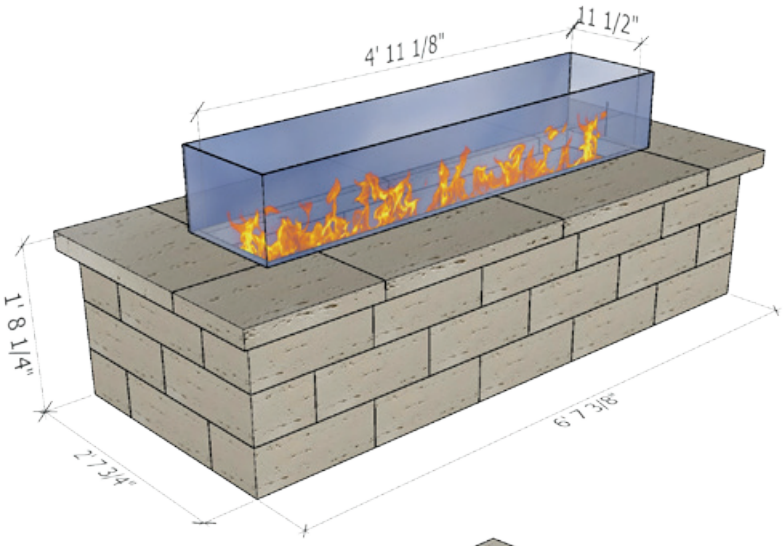
Travertina Raw Corner units: 3 Rows
Travertina Raw Cap unit: 2 Rows

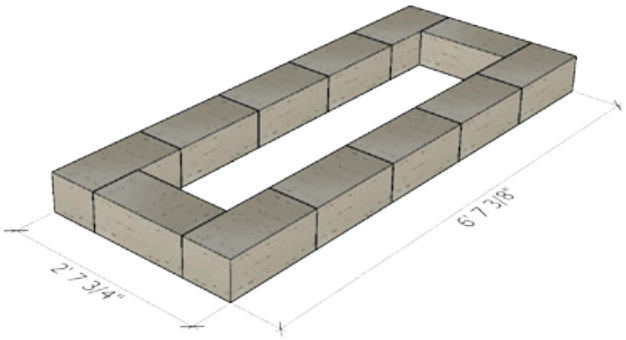
A. REFRACTORY BRICK
B. TRAVERTINA RAW CORNER UNIT
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

NOTE: Secure the blocks using a concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.

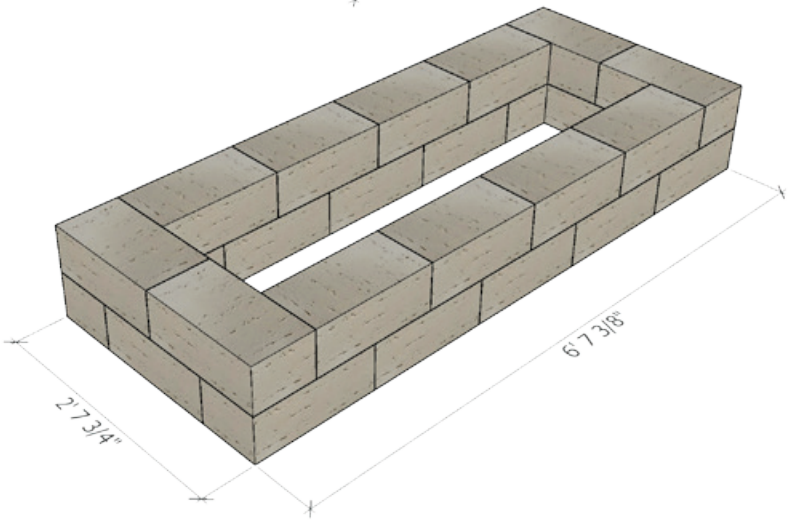
ROW-BY-ROW DRAWINGS

LINEAR

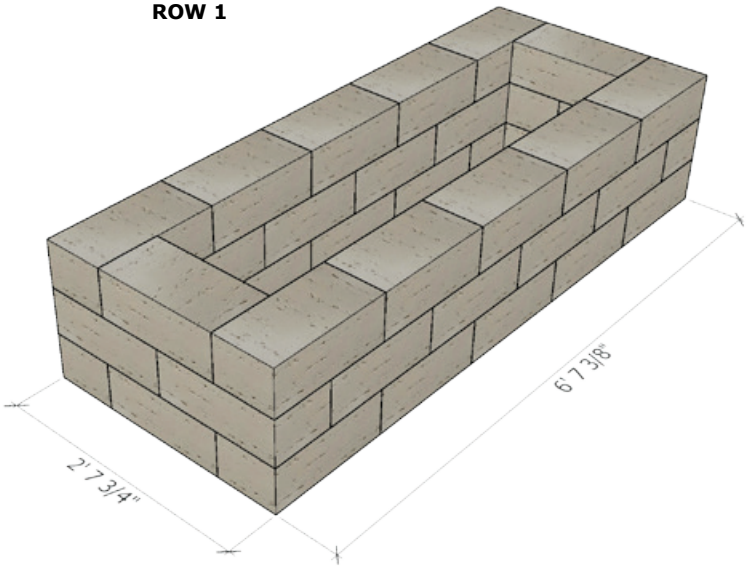




ROW 1



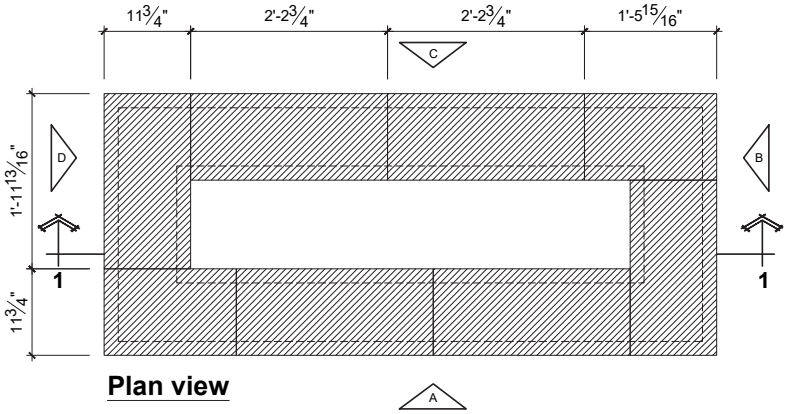
ROW 2



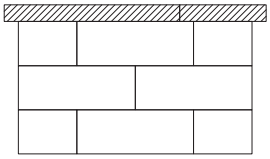
ROW 3

CAD DRAWING

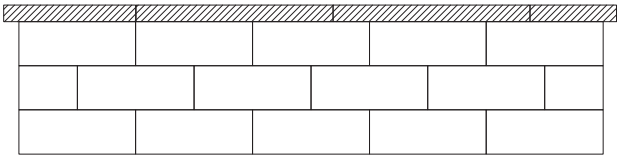
LINEAR



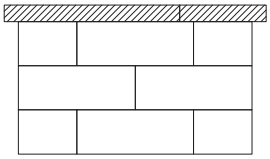
Plan view



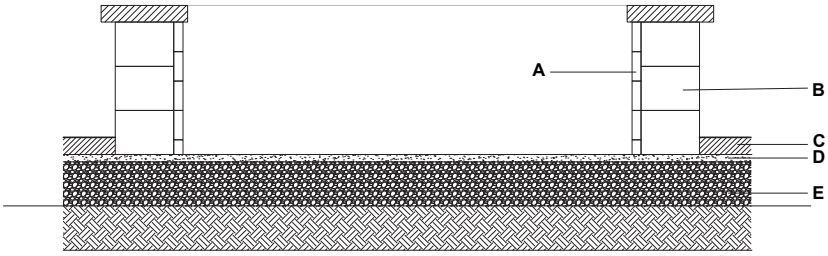
Elevation B



Elevation A & C



Elevation D



Section 1-1

QUANTITY OF MATERIALS REQUIRED

Travertina Raw Corner units: 3 Rows
Travertina Raw Cap unit: 2 Rows

A. REFRACTORY BRICK
B. TRAVERTINA RAW CORNER UNIT
C. TECHO-BLOC PAVERS OR SLABS
D. SETTING BED 1" (25 mm)
E. COMPACTED GRANULAR 0-3/4" (0-20 mm)

NOTE: Secure the blocks using a concrete adhesive.
The installer must ensure that the installation and use of the fire pit comply with local regulations and code requirements.