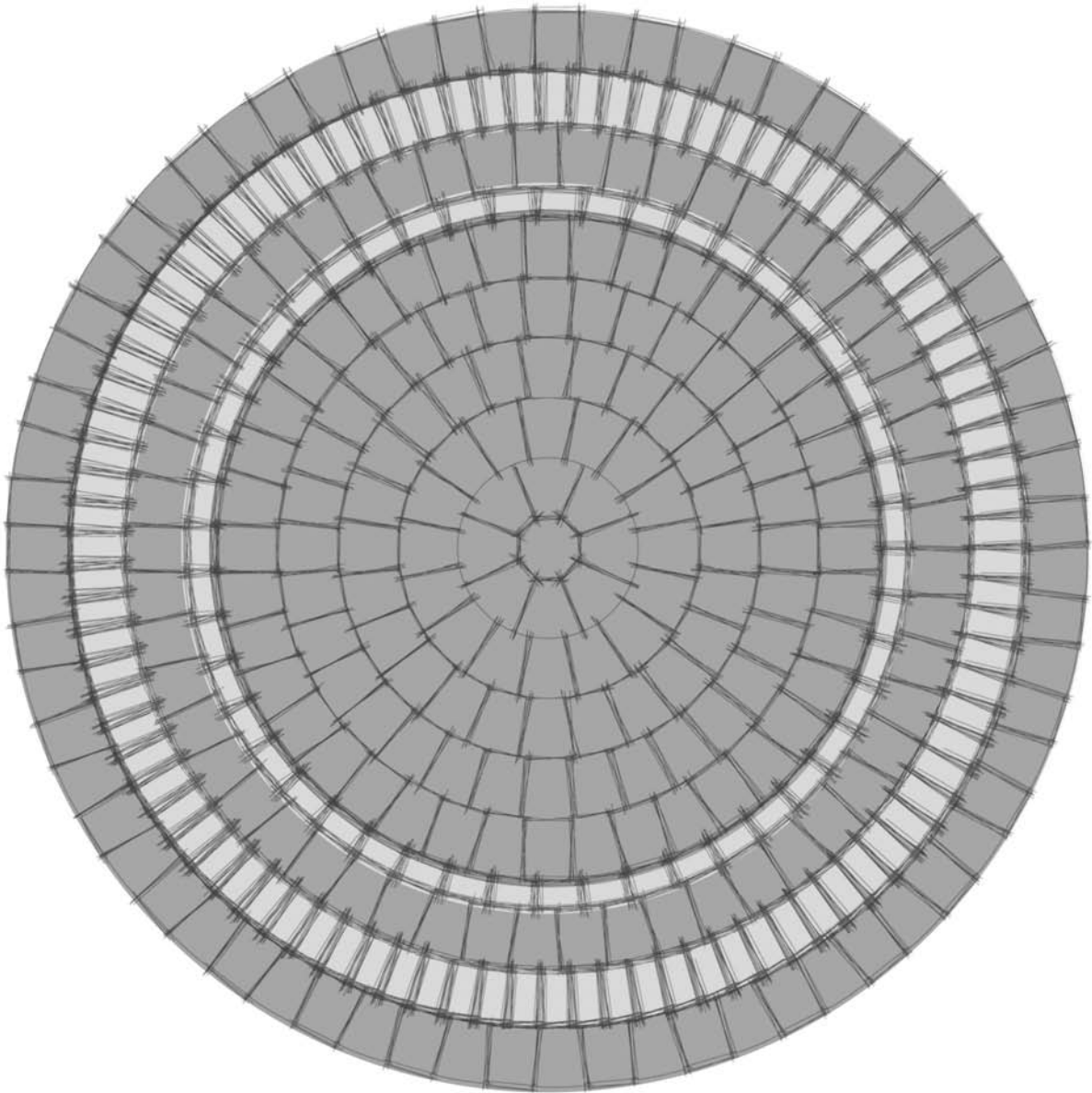


barkman™

stone oasis collection



oasis circle patio

(diameter - 147")

instruction guide



center stone



small circle



middle circle



large circle



6x8 paver



4x6 split face



4x8 split face

Materials Included:

1 pallet roman circle kit
 92 - 4x8 split face pavers
 48 - 4x6 split face pavers
 1 - 4x8 roman paver
 1 - 6x8 roman paver
 polymeric sand
 gloves
 instruction guide
 landscape plan

Note: This kit contains extra pieces. You will have pieces left over once you have completed the install.

Tools and Materials Required:

measuring tape
 base material: ¾" down crushed limestone or equivalent
 coarse sand
 shovel, rake and broom
 trowel
 hammer
 saw
 small plate compactor (rental).
 Note: Pick up compactor after excavation is done and base is leveled to minimize rental costs.
 screed board and pipes
 leaf blower (optional)

Excavation Depth Estimation

	pedestrian traffic	light vehicular traffic
pavers	2¾"	2¾"
sand	1"	1"
gravel base (compacted)	4" - 6"	8" - 12"
total excavation depth	7" - 9"*	11" - 15"*

Gravel Base: Use minimum depths in a well drained area or undisturbed soil. Use maximum depths in poorly drained area or disturbed soil. ½" less is required to compensate compacting of pavers. If soil is saturated more than 50% of the time, filter fabric and extra base should be used.

*When installing thicker pavers (Broadway 4" and Navarro 3.15"), add ¾" to total excavation depth.

Base Material Estimation

granular base		
square footage of pavers	$\times \left(\frac{\text{depth of base}}{12} \right) \div 27 =$	cubic yards of base needed
bedding sand		1" depth
square footage of pavers	$\times .0031 =$	cubic yards of sand needed

Square footage of the circle patio= 118 sq. ft

Note: If you are planning on installing another kit or other heavier unit (ie. hot tub) on your patio, then we recommend that you use option 2 as the excavation depth.

1. Create Outline

- The first step is to take your completed design and transfer it onto the ground where you will be installing your patio.
- You can use spray paint to mark the outline.

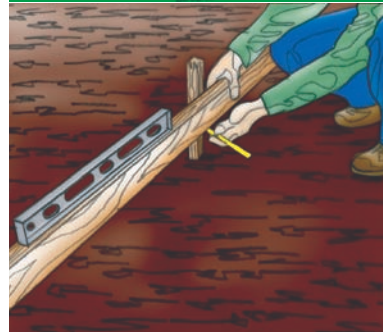
step 1



2. Set Elevations

- Next, use a 2x4, stakes and a level to set the slope of your patio (a slope of approximately 1" to every 8' is usually ideal).
- Set your stakes and string lines to mark the top of the finished patio. Please refer to the Depth Estimation Chart.

step 2



3. Excavate

- Using your grid work of stakes and guide strings, excavate material below the string lines to the depth needed.
- To determine depth, refer to the Depth Estimation Chart.

Note: Before any digging, contact your local utility companies for the location and depth of pipes, cables and conduits.

step 3



4. Spread Granular Base

- You are now ready to spread and compact the coarse granular base.
- Please refer to the Base Material Estimation Chart to estimate the base material you will require.

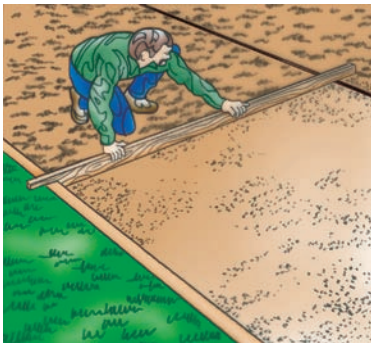
step 4



step 5



step 6



step 7



5. Compact Base

- The granular base should be levelled and compacted (use a plate compactor) in layers of not more than 4".
- Wet, but do not soak the gravel base while compacting.
- Level the base to approximately 3" below the desired surface level.
- Make sure the base is level and conforms to the shape and elevation of the finished job by measuring down from the string lines you have established on the stakes.

6. Spread Bedding Sand

- Begin screeding (spreading) a 1" layer of sand. Lay your screed guides (1" pipe, electrical conduit or wood strips) onto compacted base.
- Set the proper heights of the guides by pulling a string across the area to be paved at the finished grade level. The top of the screed guides should be 1.5" down from the string.
- Pack sand around the guides to set them in place.
- Fill with sand and slide the 8' to 10' screed board along the guides to smooth and level.
- Once completed, pull out the screed guides and fill any voids with sand using a trowel or small board.
- Do not walk on or work from the screeded sand.

7. Lay Pavers

- After screeding the sand, begin laying your pavers. Begin in the exact center of the patio using the octagon paver as the starter block.

- Refer to the laminated paving pattern diagram to achieve the proper layout for the pavers. Space pavers where necessary.

8. Install Edge Restraint (optional)

- If you have purchased landscape edging for your circle patio, install it now.
- Edge restraint should be installed on the compacted base around the entire patio.

9. Compact

- Sweep off the surface completely and use the plate compactor to tamp the pavers to a uniform level.
- Run the compactor in a parallel direction across the pavers, overlapping on each pass.
- Make a second series of passes in a perpendicular direction.

10. Spread Sand

- Ensure that the patio is completely dry before applying the sand.
- Sweep polymeric sand into all spaces between the finished pavers. Lightly compact, and repeat if necessary until all joints between the pavers are filled.
- Once all the joints are filled, sweep all excess sand off of the patio.
- Use a leaf blower(if available) to remove any remaining dust.

Note: It is very important that excess sand is completely removed from the patio surface because once sand is wet, it will be very difficult to remove.

- Once excess sand has been removed, then wet the patio as per the instructions on the polymeric sand packaging.

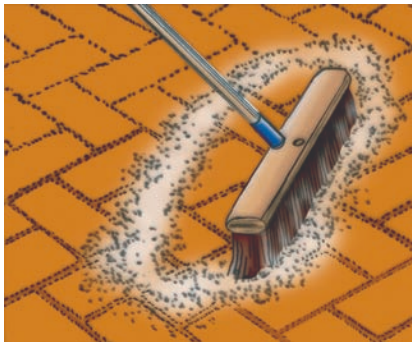
step 8



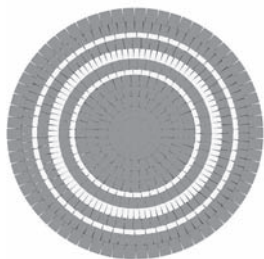
step 9



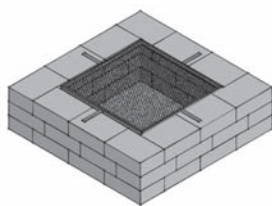
step 10



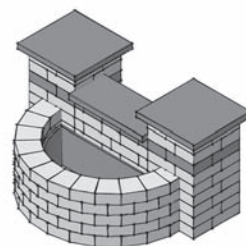
stone oasis collection



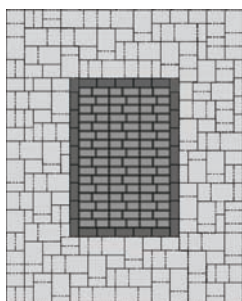
Stone Oasis Circle Patio and Border



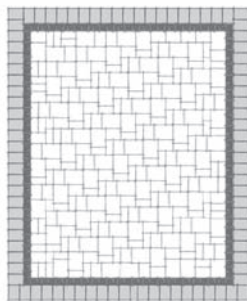
Stone Oasis Square Firepit



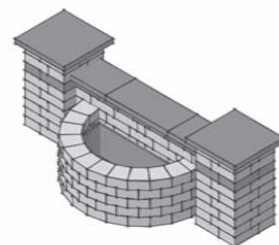
Stone Oasis Waterfall



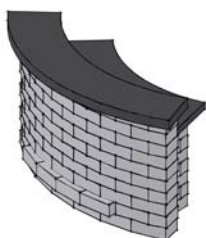
Stone Oasis Rectangular Patio with Inlay



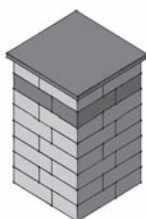
Stone Oasis Rectangular Patio and Border



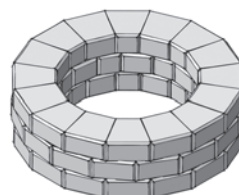
Stone Oasis Grand Waterfall



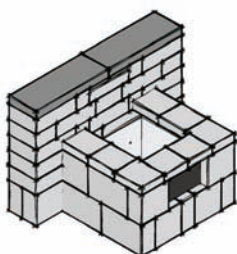
Stone Oasis Curved Bar



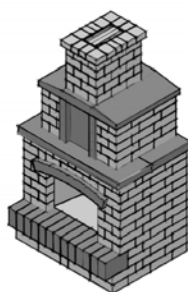
Stone Oasis Pillar



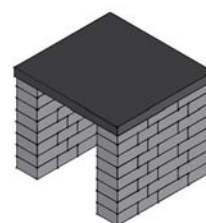
Stone Oasis Circle Firepit



Stone Oasis Square Waterfall



Stone Oasis Fireplace and Wood Storage



Stone Oasis Fireplace Wood Storage



Stone Oasis Compact Fireplace

for more information please visit our website:

www.barkmanconcrete.com

Follow barkman on Facebook, Twitter and visit our YouTube channel.

