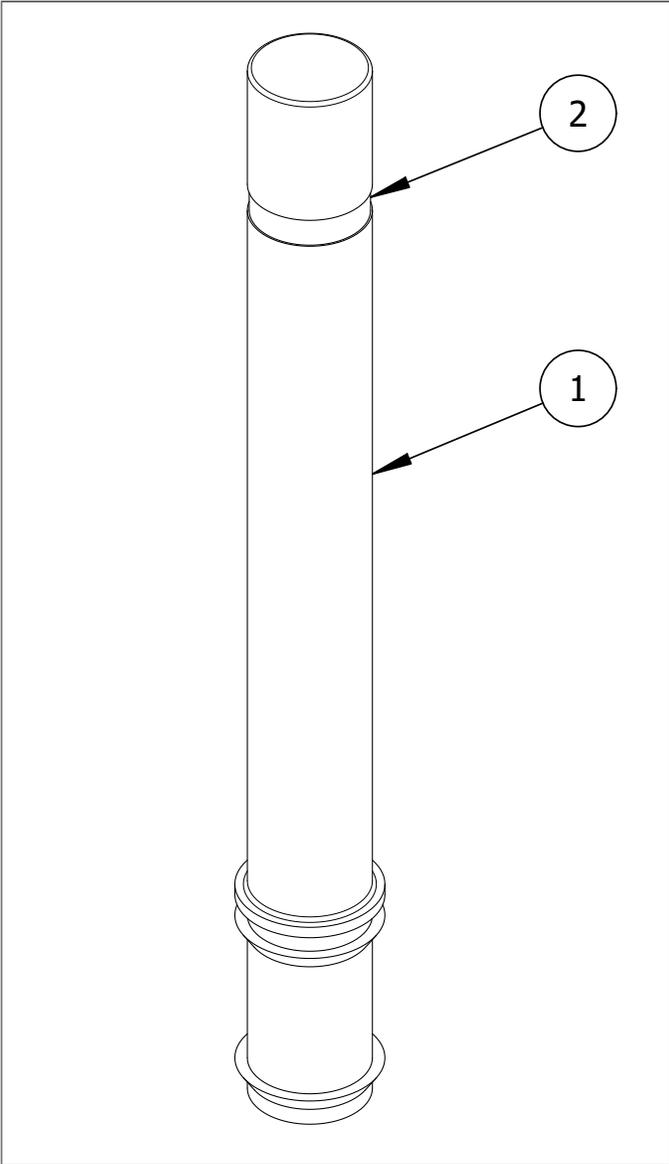


R-8303 Flexible Bollard Installation

Embedded in New Concrete



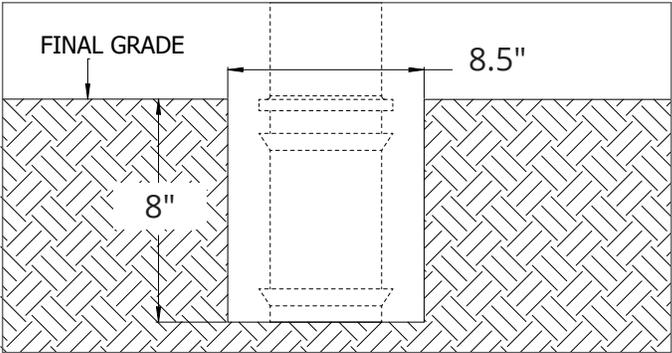
-  To protect the finish, keep bollards in original packaging until exact moment of installation.
-  Handle with care to avoid scratching or damaging bollard surfaces.
-  Consider local soil conditions before proceeding with bollard installation.

Before Installation

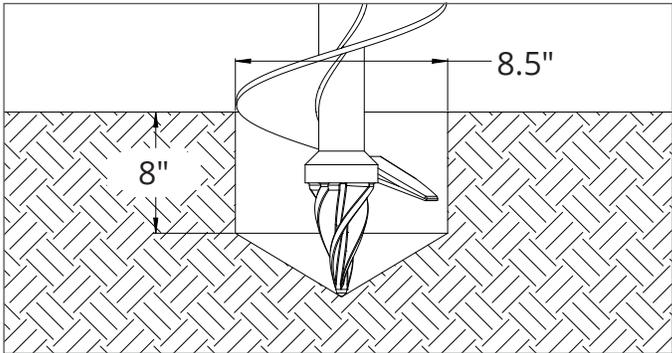
STEP 1: Study the site plans and mark the intended location of each bollard on the plan.

STEP 2: Always check for hazards such as water pipes, gas lines, and underground wiring before digging.

STEP 3: First consult your local Building Code Department to determine the recommended depth below the frost line for digging in your area. Compare this to 8" (the minimum depth recommended in the product drawing) and choose the greater value. This is your total depth for digging. The diameter of the hole should extend to a minimum of 8.5".



STEP 4: Center the auger on the installation mark and bore a hole to the required measurements.



Parts List

#	PART	QTY
1	Flexible Bollard, Embedded Mount	1
2	Reflective Tape (optional)	1

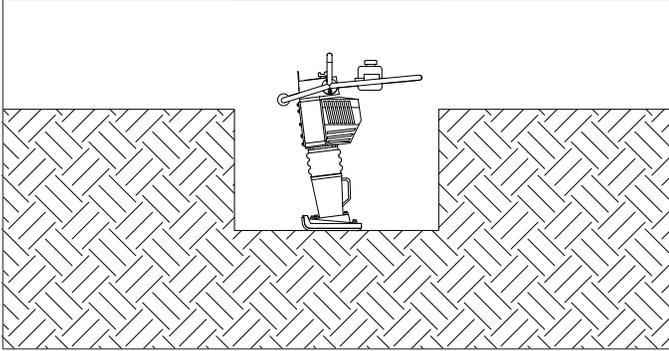
Installation Equipment

Auger	Chalk/Marker
Dirt Tamper	Measuring Tape
Level	

R-8303 Flexible Bollard Installation

Embedded in New Concrete

STEP 5



STEP 5: Ensure the area is properly formed to create a perimeter that will hold wet concrete. Use a dirt tamper* to compact the soil below the intended surface.

STEP 6: Keep the bollard in its protective packaging and place near the site. When ready to install, remove packaging and scrunch up paper or newspaper and put inside the hollow bottom of the bollard to prevent debris from entering.

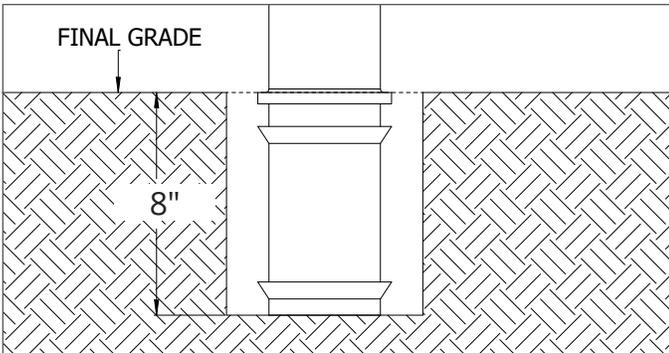
Pour the Concrete

STEP 7: Mix the concrete. Check that the proper ratio of water and concrete mix is used—the concrete should have a similar texture to moldable clay.

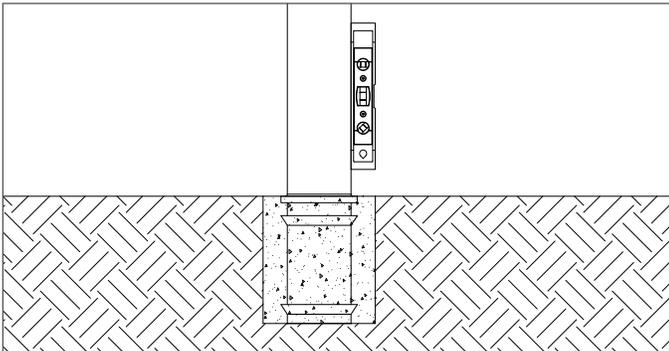
STEP 8: Lower the bollard into the designated location so that 8" of the bollard will sit below the finished surface of the concrete grade.

STEP 9: Take care to pour the concrete evenly, ensuring the surface is level. After installation, check with a level to ensure the bollard is plumb. *Note: Once the concrete has cured, there will be no way to make any adjustments.*

STEP 8



STEP 9



Inspect the installation. For damage repair or other servicing needs, please contact Reliance Foundry's sales department.

*Dirt tamping is not required if working on undisturbed soil.