



4

3

Part Name  
Park Master - Installation

SI

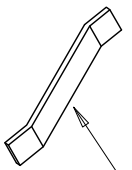
REV

1

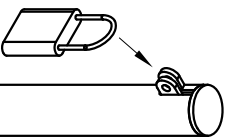
REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

Use unlocking tool to install and remove cover.



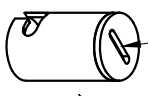
Secure locking mechanism with lock (not provided)



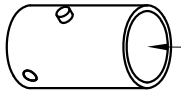
This drawing may not be used or reproduced except when authorized in writing by Traffic Guard.

- 1). All steel work shall conform to the AISC "Specification for the Design, Fabrication, and Erection of Structural Steel Buildings" - Latest Edition unless noted on the drawing.
- 2). All welding shall be performed by qualified welders and shall conform to the American Welding Society AWS/AWS D1.1 - Latest Edition of the Structural Welding Code - Steel
- 3). All material shall be new and shall be as noted on the drawing and/or in the bill of material. S5 indicates Stainless Steel and HDG indicates Hot Dipped Galvanized steel
- 4). All painting work shall conform to the manufacturer's specification and installation instructions and the SSPC (Steel Structures Painting Council) and as noted on the drawing.
- 5). All hole center dimensions shall have a +/- 1/16 inch tolerance and all other dimensions shall have a +/- 1/8 inch tolerance unless noted on the drawing.
- 6). All work shall be packaged and shipped per specific instructions by Traffic Guard, Inc.

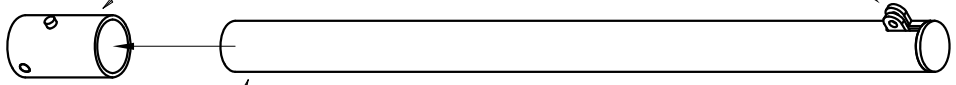
Cover  
Note - make certain cover is secured by rotating 1/8 turn once it is installed in sleeve.



Ground Sleeve



Secure Bollard into ground sleeve



Note - make certain cover is secured by rotating 1/8 turn once it is installed in sleeve.

Ground Sleeve Assembly

Bollard Assembly

Traffic Guard, Inc.  
P.O. Box 201, Geneva, Illinois 60134

DESIGNER  
Toll free (877) 727-7347

APPROVED  
Fax (630)365-1947

SIZE  
B

SCALE

Part Name

Park Master - Installation

REV

SHEET

A

B

C

D

A

B

C

D

4

3

2

1

4

3

1

Part Name Round Post - Ground Sleeve Installation (Rev. #)

REV	DATE	DESCRIPTION	APPROVED
ZONE	REV		

Place filler cap on sleeve prior to insertion

Block Top Surface

Core block-top to the OD of the ground sleeve plus 8.0 inches so that there is a 4.0 inch gap around the ground sleeve.

Fill the 4 inch gap around the ground sleeve with pre-mixed concrete along the entire depth of the hole. Place the ground sleeve and PVC drainage tube into the hole and secure such that the top of the sleeve is at the height of the surface.

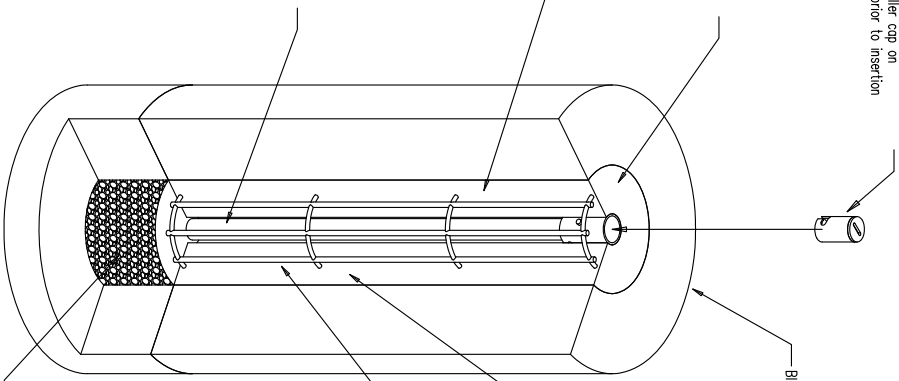
Place the block top surface and sub-surface to a depth of about 24 inches below the frost line for the given region within the U.S. The frost line is given in the map on page two.

Place a PVC pipe between the bottom of the ground sleeve and the bottom of the cored hole for needed drainage. The OD of the PVC pipe should be about the size of the inside diameter of the ground sleeve so the PVC fits inside the sleeve.

Place Vertical rebar pieces (# given on page 2) at even spacings around the hole, in the middle of the space between the outer core and the ground sleeve. Place the given number of rebar hoop ties with one at the top and bottom of the verticle rebar, and the next one 4 inches from the top and bottom. Place the remaining hoops at even spacings through the length of the hole.

Place 3 inches in depth of rock for proper drainage at the base.

### Ground Sleeve Installation for Block top surfaces (see Pg 2 for specifications)



Place filler cap on sleeve prior to insertion

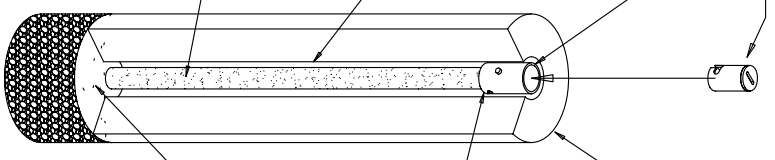
Core concrete to the OD of the ground sleeve plus 2.0 inches

Core the concrete and sub-surface to an appropriate depth which is about 24 inches below the frost line depth for the given area of the U.S. The frost line is given in the map on page two.

Place a PVC pipe between the bottom of the ground sleeve and the bottom of the cored hole for needed drainage. The OD of the PVC pipe should be about the size of the inside diameter of the ground sleeve so the PVC fits inside the sleeve.

Place 3 inches in depth of rock for proper drainage at the base.

### Ground Sleeve Installation for Concrete surfaces (see Pg 2 for specifications)



Traffic Guard, Inc.

P.O. Box 201, Geneva, Illinois 60134

Toll free (877) 777-7347

Fax (630)365-1947

DESIGNER	SCALE	CASE CODE	Part Name Round Post - Ground Sleeve Installation (Rev. #)	REV
APPROVED	B			
		RELEASE DATE	WEIGHT	SHEET

4

3

2

1

Part Name Round Post - Ground Sleeve Installation (Rev. #)

REV	DATE	DESCRIPTION	APPROVED
ZONE	REV		

Place filler cap on sleeve prior to insertion

Block Top Surface

Core block-top to the OD of the ground sleeve plus 8.0 inches so that there is a 4.0 inch gap around the ground sleeve.

Fill the 4 inch gap around the ground sleeve with pre-mixed concrete along the entire depth of the hole. Place the ground sleeve and PVC drainage tube into the hole and secure such that the top of the sleeve is at the height of the surface.

Place the block top surface and sub-surface to a depth of about 24 inches below the frost line for the given region within the U.S. The frost line is given in the map on page two.

Place Vertical rebar pieces (# given on page 2) at even spacings around the hole, in the middle of the space between the outer core and the ground sleeve. Place the given number of rebar hoop ties with one at the top and bottom of the verticle rebar, and the next one 4 inches from the top and bottom. Place the remaining hoops at even spacings through the length of the hole.

Place 3 inches in depth of rock for proper drainage at the base.

### Ground Sleeve Installation for Concrete surfaces (see Pg 2 for specifications)

