

# **WEST BOYLSTON MUNICIPAL LIGHTING PLANT**

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## **Appendix E**

### **Removable Steel Bollard**

**(4) Removable Steel Bollards Provided by WBMLP**



# GLOBAL INDUSTRIAL™

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User's manual

Manual del usuario

Manuel de l'utilisateur

Customer Service  
US: 1-800-645-2986

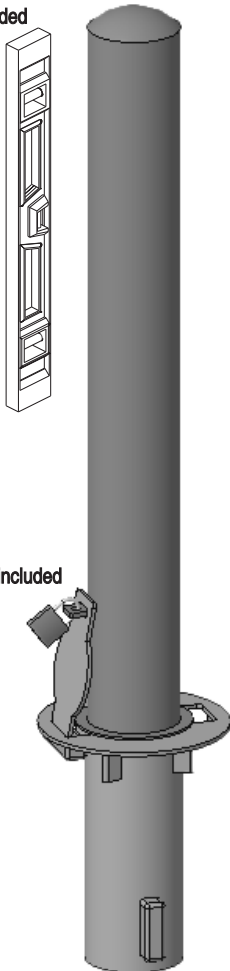
Servicio de atención al Cliente  
US: 1-800-645-2986

Service à la clientèle  
Canada: 888-645-2986

## Removable Steel Bollard

Model(s): 36"H x 4"D (670517) ; 36"H x 6"D (670518)

\*Level not included



\*Pad lock not included

### Included Parts

- Base
- Hex bolt for base
- Bollard

### Pad lock not included

- RECOMMEND: Global Industrial Laminated Steel Padlock 443231

### Base Installation

1. Dig a hole 18 inches deep and 20 inches in diameter.
2. Layer the bottom of the hole with a 6 inch layer of gravel. Ensure gravel is well packed. Add or remove gravel to ensure base top is flush with the ground. Use a level to ensure base is perpendicular to surface.
3. Mix concrete using the proper ratio of sand and cement.
4. Insert bollard to base and apply concrete to its surroundings.
5. Keep using level to ensure bollard is perpendicular to surface.
6. Allow concrete to cure completely.

### Inserting/Removing Bollard

1. Remove bolt from base.
2. Open base door and insert bollard until it rests on the base.
3. Orientate the bollard so that the hasp on the bollard goes through the door hole.
4. Attach padlock (NOT INCLUDED) through hasp to restrict removing bollard.
5. Reverse steps to remove bollard.



### WARNING

- Assembly and installation of equipment should be performed by 2 people.
- Workers should use OSHA approved safety and lifting equipment.



### WARNING

- Ensure concrete mixture is applied adequately.
- Ensure bollard base is level during installation.
- Ensure there is enough gravel in hole for proper drainage.