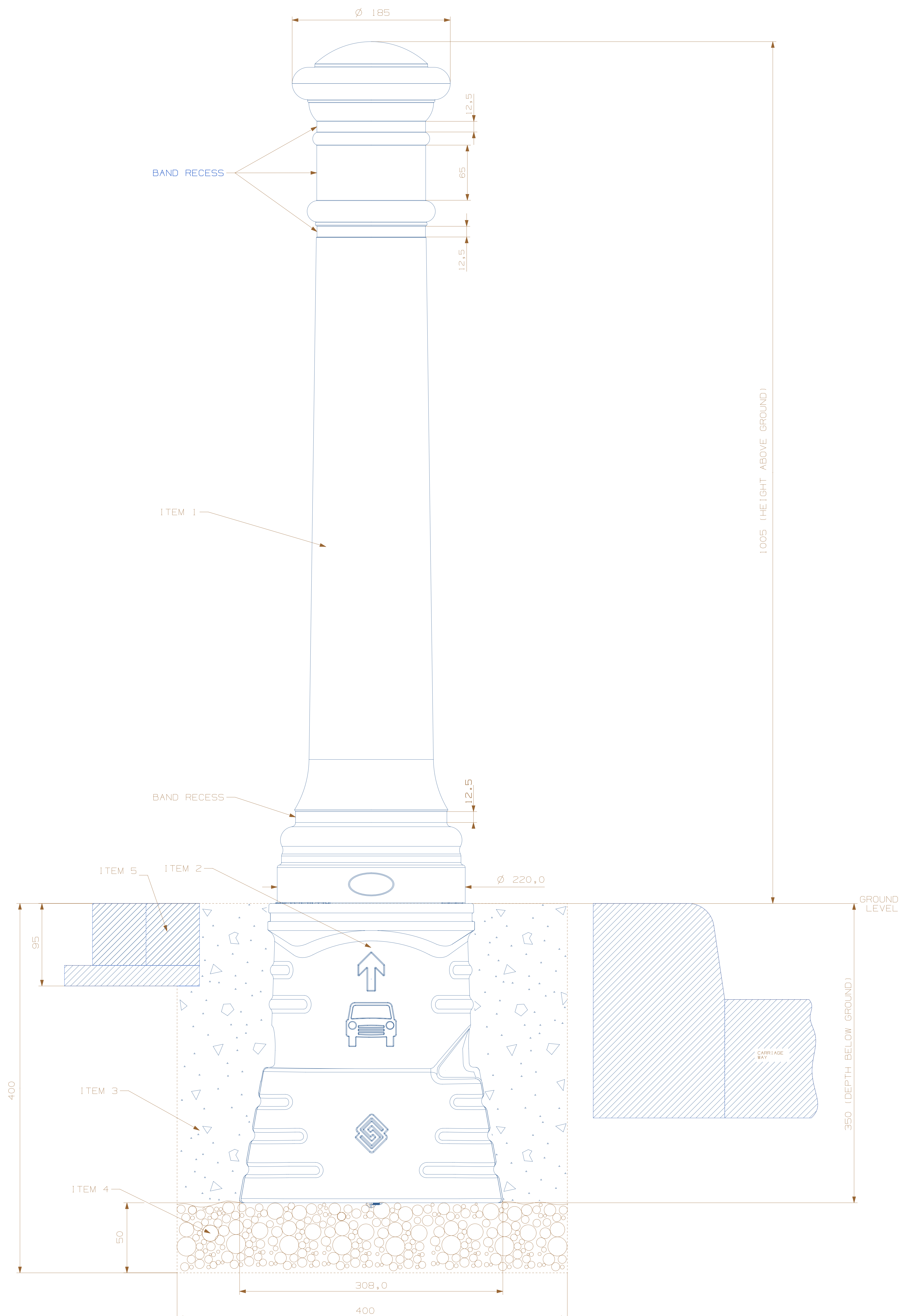
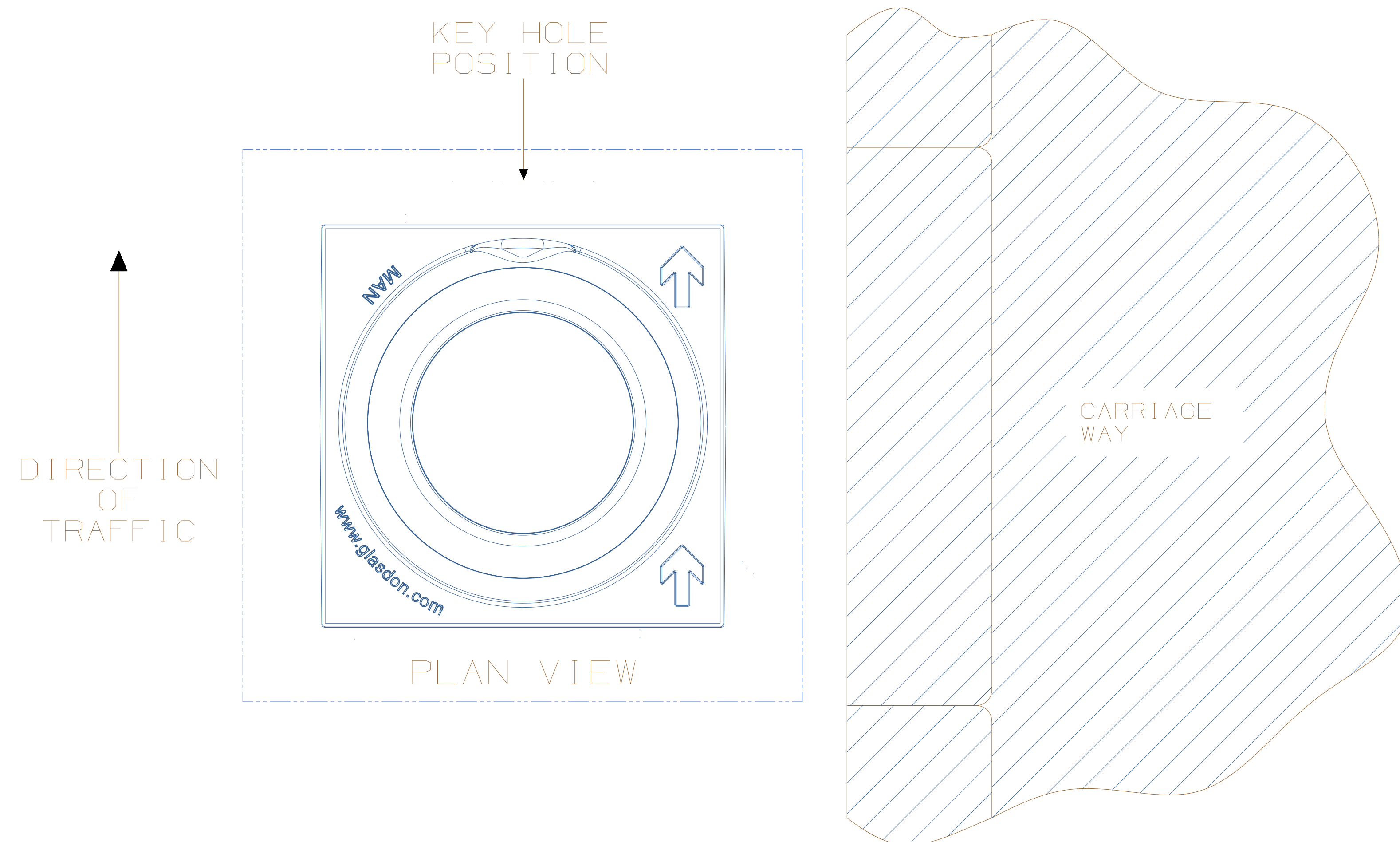


# MODEL SPECIFICATION

## GLASDON MANCHESTER™ BOLLARD - DURAPOL® - LOCKFAST™



### PRODUCT INFORMATION

- WEIGHT - BOLLARD 3.5 Kg  
SOCKET 3.2 Kg  
TOTAL 6.7 Kg
- MATERIAL - BOLLARD: DURAPOL®  
LOCKFAST (SOCKET): DURAPOL®
- COLOURS - BLACK
- DIMENSIONS - ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED.

### INSTALLATION GUIDE:

- ITEM 1 - REMOVABLE BOLLARD COMPLETE WITH LOCKING MECHANISM
- ITEM 2 - PERMANENT GROUND SOCKET
- ITEM 3 - QUICK SETTING CONCRETE (e.g. GRADE QC10)
- ITEM 4 - GRAVEL
- ITEM 5 - BLOCK PAVING
- FOR SAFETY SITE KEY HOLE ON OPPOSITE SIDE TO TRAFFIC (SEE DETAIL PLAN VIEW FOR CORRECT SOCKET ORIENTATION).
- ENSURE RETRO-REFLECTORS ARE IN THE CORRECT ORIENTATION - RED TOWARDS ONCOMING TRAFFIC (YELLOW ON CENTRAL RESERVATION).
- RECOMMENDED HOLE SIZE 425 x 425 x 400mm DEEP.
- WE RECOMMEND THE SOCKET IS BEDDED ON GRAVEL FOR DRAINAGE.
- COVER SOCKET TO AVOID BUILD UP OF CONCRETE/GRAVEL IN SOCKET, WHICH WILL PREVENT BOLLARD FROM SEATING AND LOCKING.
- AVOID CONTACT WITH HOT TARMACADAM AS THIS WILL SERIOUSLY IMPAIR THE PERFORMANCE OF THE BOLLARD.
- WE RECOMMEND INSTALLING WITH QUICK SETTING CONCRETE (e.g. GRADE QC10) BUT EXACT INSTALLATION REQUIREMENTS SHOULD BE ASSESSED FROM A SITE SURVEY.

### OPTIONAL PARTS

- PEDESTRIAN SAFETY. A BLANKING CAP IS AVAILABLE TO COVER THE SOCKET WHEN THE BOLLARD IS REMOVED.
- ADDITIONAL SECURITY. ENSURE THE KEY HOLE PLUG IS FITTED TO THE BOLLARD TO HELP PREVENT UNAUTHORISED REMOVAL OF THE BOLLARD.
- ALL RETROREFLECTIVE MATERIALS SUPPLIED BY GLASDON ARE AS RECOMMENDED IN TABLE NA1 OF THE NATIONAL ANNEX OF BS EN 12899-1 2007 FIXED VERTICAL ROAD SIGNS.
- MICROPRISMATIC RETROREFLECTIVE MATERIALS USED ON OUR PRODUCTS MEET THE REQUIREMENTS OF BS 8408 2005 ROAD TRAFFIC SIGNS. TESTING AND PERFORMANCE OF MICROPRISMATIC RETROREFLECTIVE SHEETING MATERIALS FOR THEIR APPLICATION AND SITING NORMS.
- STANDARD REFLECTOR/BANDING SETS:  
2 x 12x417mm BANDS (1 OR 2 OPTIONAL)  
1 x 63x417mm BANDS  
1 x 12x576mm BANDS
- SPARE BOLLARDS, KEYS AND REFLECTOR SETS ARE AVAILABLE.
- SPARE REFLECTOR SETS ARE AVAILABLE.



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