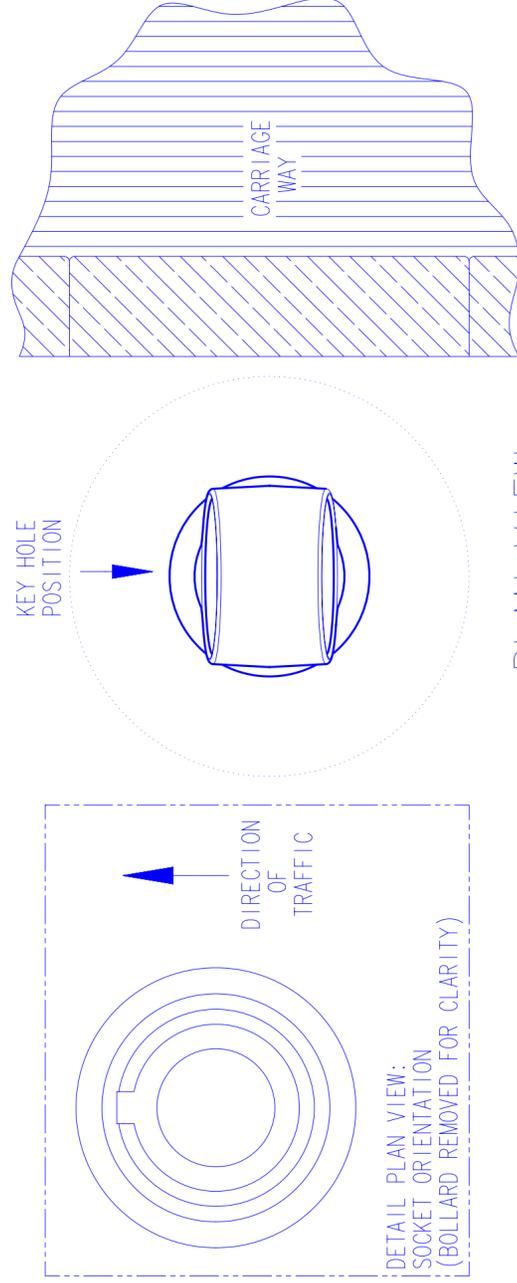


# MODEL SPECIFICATION

## MINI-ENSGN™ BOLLARD – SOCKETED



### PRODUCT INFORMATION:

- WEIGHT - BOLLARD 5.0 Kg
- SOCKET 3.8 Kg
- TOTAL 8.8 Kg

- MATERIAL - DURAPOL®

- COLOURS - MILLSTONE, SANDSTONE, BLACK, AIRCRAFT GREY, STONE AND WHITE
- DIMENSIONS - ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED.

### INSTALLATION GUIDE:

- ITEM 1 - REMOVABLE BOLLARD SOCKET COMPLETE WITH LOCKING MECHANISM
- ITEM 2 - PERMANENT GROUND SOCKET
- ITEM 3 - QUICK SETTING CONCRETE (eg. GRADE QC10)
- ITEM 4 - GRAVEL
- ITEM 5 - BLOCK PAVING

- SITE SOCKET IN ORIENTATION SHOWN IN DETAIL PLAN VIEW TO ENSURE CORRECT POSITIONING OF KEY HOLE. ENSURE REFLECTIVE BANDING IS IN THE CORRECT ORIENTATION - RED TOWARDS ONCOMING TRAFFIC (YELLOW ON CENTRAL RESERVATION).

- RECOMMENDED HOLE SIZE  $\phi 400\text{mm} \times 600\text{mm}$  DEEP. THIS BOLLARD IS ALSO AVAILABLE WITH SURFACE MOUNT FIXINGS, CONCRETE-IN ANCHOR FIXINGS OR GUARDSMAN™ ANTI-RAM RAID FIXING. 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 (eg. GRADE QC10) BUT EXACT INSTALLATION REQUIREMENTS SHOULD BE ASSESSED FROM A SITE SURVEY.

### OPTIONAL PARTS:

- PEDESTRIAN SAFETY. A LOCKING BLANKING CAP IS AVAILABLE TO COVER THE SOCKET WHEN THE BOLLARD IS REMOVED.
- ADDITIONAL SECURITY. A KEY HOLE PLU MAY BE FITTED TO THE BOLLARD TO HELP PREVENT UNAUTHORISED REMOVAL OF THE BOLLARD.
- RETROREFLECTIVE AND NON-REFLECTIVE SIGNFACES ARE AVAILABLE.

### STANDARD SIGNFACES:

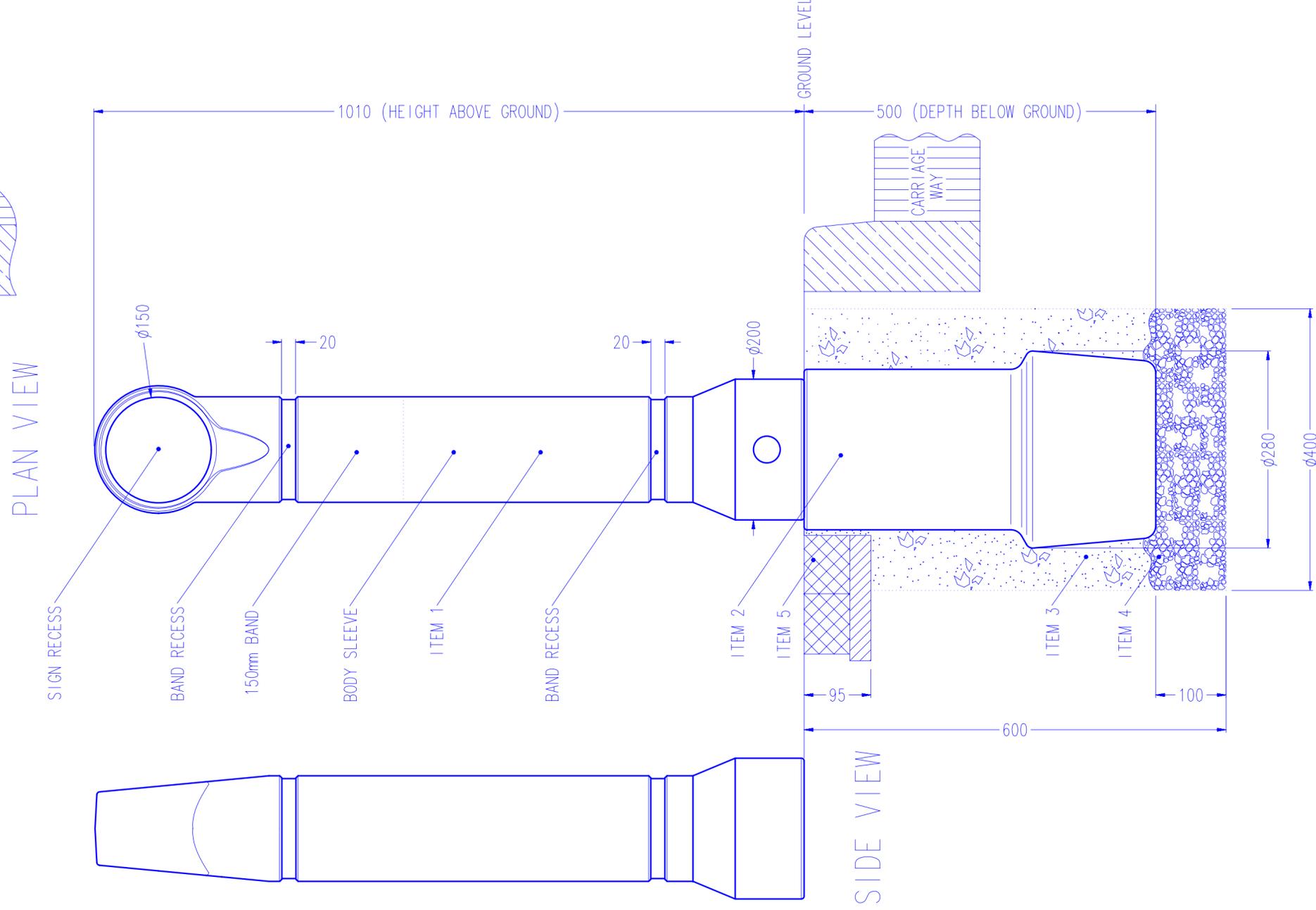
- 2 x  $\phi 150\text{mm}$  SIGNFACE
- ALUMINIUM BACKED RETROREFLECTIVE BANDING (TO BS EN 12899-1:2007, FIXED, VERTICAL ROAD TRAFFIC SIGNS) OR DECORATIVE BANDING MAY BE FITTED.

### STANDARD BANDING SETS:

- 2 x 20mm BANDS (WITHIN THE 2 BAND RECESSES).
- 1 x 150mm BAND.
- 1 x 480mm BODY SLEEVE.

- SPARE BOLLARDS, SOCKETS, KEYS, SIGNFACES AND BANDING ARE AVAILABLE.

- 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.



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