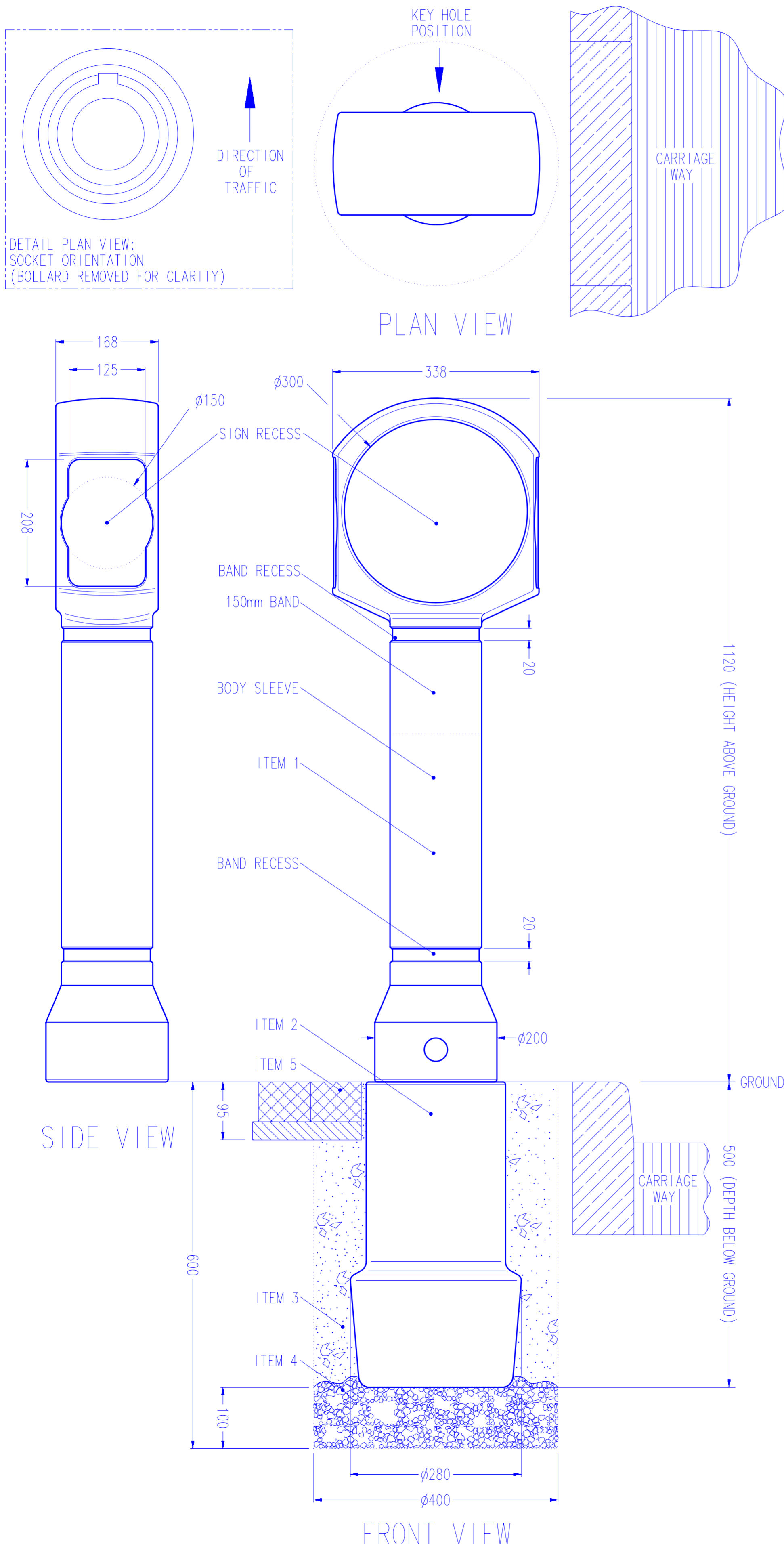


MODEL SPECIFICATION ENSIGN™ BOLLARD – SOCKETED



PRODUCT INFORMATION:

- WEIGHT - BOLLARD 7.2 Kg
SOCKET 3.8 Kg
TOTAL 11.0 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 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 ANCHORS 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 PLUG 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 $\phi 300\text{mm}$ SIGNFACE
2 x $\phi 150\text{mm}$ SIGNFACE
2 x 210 x 125mm 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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