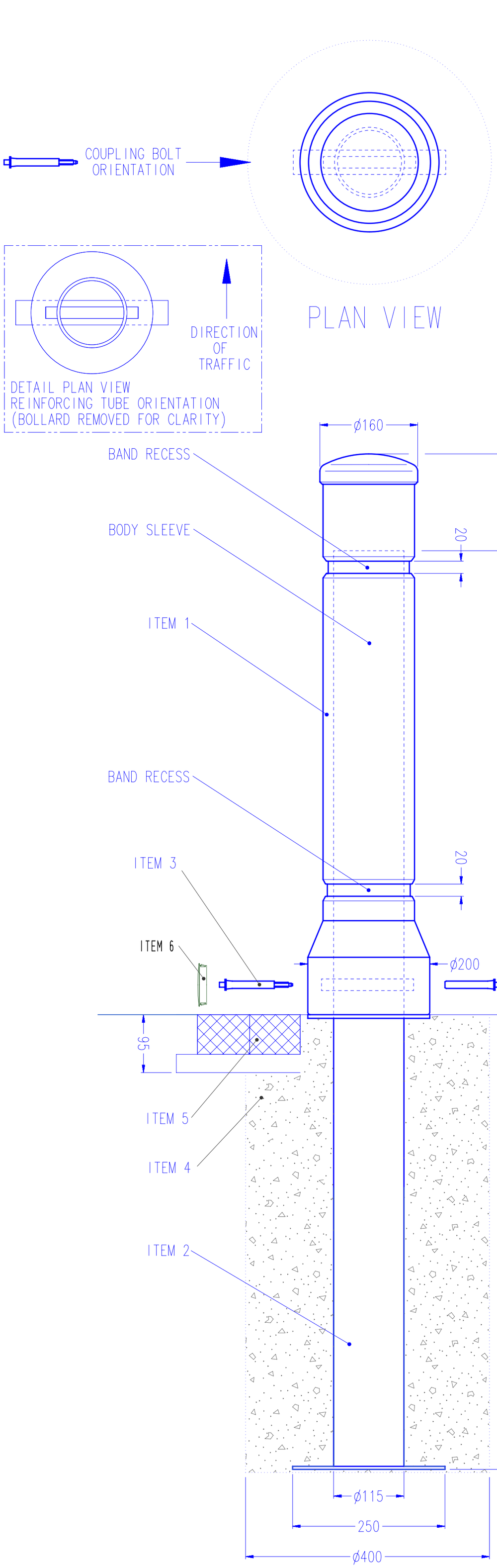
MODEL SPECIFICATION
NEOPOLITAN™ 20 BOLLARD - GUARDSMAN™ - ANTI-RAM RAID



PRODUCT INFORMATION:

- WEIGHT - BOLLARD 3.5 Kg
  REINFORCING TUBE 21.3 Kg
  TOTAL 24.8 Kg
- MATERIAL - BOLLARD - DURAPOL®
  REINFORCING TUBE - GALVANIZED MILD STEEL
- COLOURS - MILLSTONE, SANDSTONE, BLACK, AIRCRAFT GREY, STONE, WHITE AND DARK BLUE.
- DIMENSIONS - ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED.

INSTALLATION GUIDE:

- ITEM 1 - REMOVABLE BOLLARD
- ITEM 2 - REINFORCING TUBE
- ITEM 3 - COUPLING BOLTS
- ITEM 4 - QUICK SETTING CONCRETE (eg. GRADE QC10)
- ITEM 5 - BLOCK PAVING
- ITEM 6 - GLASDON BADGE HOLE PLUG
- ENSURE REFLECTIVE BANDING IS IN THE CORRECT ORIENTATION - RED TOWARDS ONCOMING TRAFFIC (YELLOW ON CENTRAL RESERVATION).
- THE REINFORCING TUBE IS TO BE ORIENTATED SO THAT THE COUPLING BOLT IS INSERTED AT 90° TO THE CARRIAGE WAY (SEE DETAIL PLAN VIEW FOR CORRECT ORIENTATION).
- RECOMMENDED HOLE SIZE ø400mm x 745mm DEEP.
- WE RECOMMEND THE REINFORCING TUBE IS BEDDED ON GRAVEL AND A 300mm MINIMUM DEPTH OF CONCRETE SHOULD BE USED.
- THE REINFORCING TUBE SHOULD BE FILLED WITH CONCRETE FOR ADDED STRENGTH.
- THIS BOLLARD IS ALSO AVAILABLE WITH SOCKET, CONCRETE-IN ANCHOR FIXINGS OR SURFACE MOUNT FIXINGS.
- 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:

- 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 480mm BODY SLEEVE.
- STANDARD OR SPIKED CHAIN LINKAGE IS AVAILABLE. RECOMMENDED PITCH BETWEEN BOLLARDS 1.1m.
- SPARE BOLLARDS, KEYS AND BANDING ARE AVAILABLE.
- ALL RETOREFLECTIVE 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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