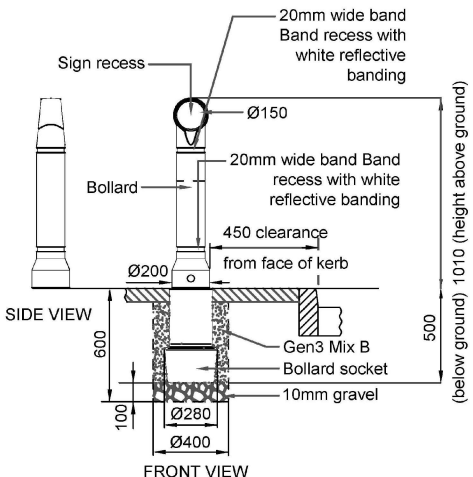
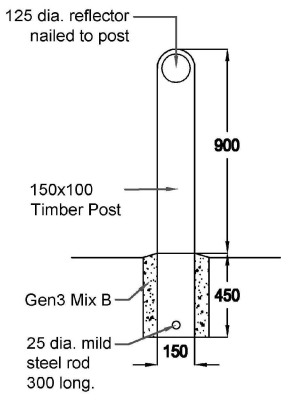


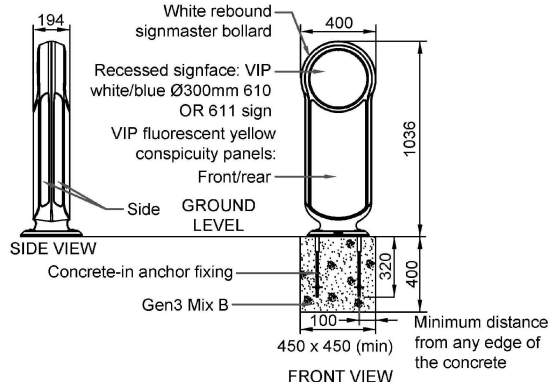
**GLASDON NEAPOLITAN BOLLARD TYPE: 150**  
(or similar approved product)  
Black with white reflective banding and socket fixing



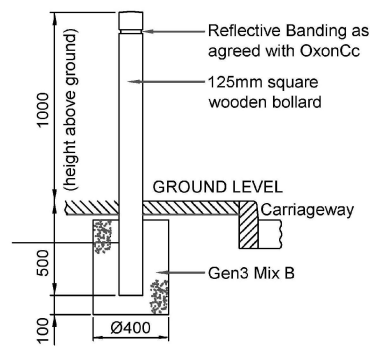
**GLASDON MINI-ENSIGN BOLLARD**  
(or similar approved product)  
Black with white reflective banding and socket fixing



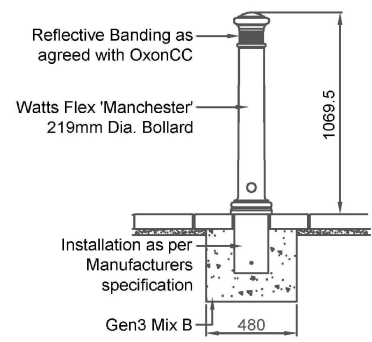
**Bollard Type 1**  
(or similar approved product)  
Wood Bollard



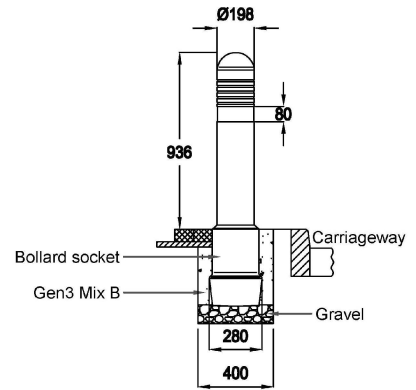
**GLASDON SIGNMASTER REBOUND**  
(or similar approved product)  
Bollard - Type c with ground anchor system



**WOODSCAPE SG'R' TIMBER BOLLARD**  
(or similar approved product)



**WATTS MANCHESTER FLEXIBLE BOLLARD**  
(or similar approved product)



**Glasdon Admiral Bollard**  
(or similar approved product)  
Black with reflective banding and socket fixing

**Notes:**

1. All dimensions in millimetres unless shown otherwise.
2. All signs to comply with the Traffic Signs Regulations and General Directions 2016 (TSRGD 2016), BS 8442 & BS EN 12899-1 unless otherwise specified.
3. Key hole on removable bollards to face away from direction of traffic.
4. Where red and white banding is applied, the red should be on the nearside facing oncoming traffic.
5. If the fixing depth for the Glasdon Signmaster bollard is restricted, the anchor fixings may be cut down to a minimum length of 150. The concrete may be reduced to a minimum depth of 200, but the area should be increased to give the same volume of concrete.
6. When using anchor fixings, a cruciform catchplate should be used to position the fixings within the excavation to ensure correct orientation and rigidity of the bollard.
7. For further information refer to Standard Details Guidance Note drawing no. HSD/100/001



DRAWING TITLE:			
Series 1200: Traffic Signs - Non-illuminated Bollards - Typical Details			
SCALE: NTS	DRAWN	CHECKED	
INITIALS:	CS	MS	
DATE:	12/01/2024	12/01/2024	

REV	AMENDMENTS	DRN	CHK'D	DATE
DRAWING NO:				
HSD/1200/015				