



- Notes:
1. Dimensions are in millimetres.
 2. Steel to be grade 43 B.S. 4360.
 3. Welds to be sound and continuous avoiding locked-in slag.
 4. Welding slag to be removed immediately after welding.
 5. Where the concrete footing is located in block paved footpath, the footing should be lowered to allow for the paving blocks and the sand course.
 6. Colour to be specified by the designers and agreed by Transport Department and Highways Department. Visibility band should be provided to bollard if the proposed colour is similar with surrounding paving.
 7. The synthetic fibre rope shall be polyamide or other polymer fibre material approved by the Engineer.
 8. The synthetic fibre rope shall be 12-strand braided or equivalent multi-strand as approved by the Engineer. The synthetic fibre rope shall be tied by tying wire on both ends and encased in a sheath of the same material.
 9. The comparative burning characteristic of the fibre synthetic rope shall be class V-0 conforming to ASTM D 3801.
 10. The inner diameter of the GMS cord end shall match the diameter of the synthetic fibre rope.

ELEVATION

END VIEW
(without synthetic fibre rope)

**TYPE 3 BOLLARD WITH SYNTHETIC FIBRE ROPE
- FOR GUIDANCE PURPOSE**

	New Issue	Original signed	Nov 21
REF.	REVISION	SIGNATURE	DATE
HIGHWAYS DEPARTMENT			
REFERENCE		DRAWING No.	CAD
SCALE 1 : 20		H 2309	