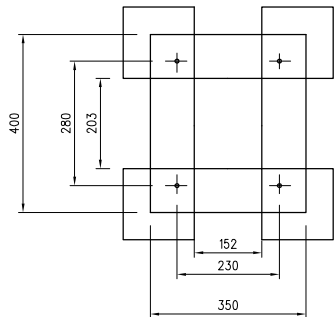
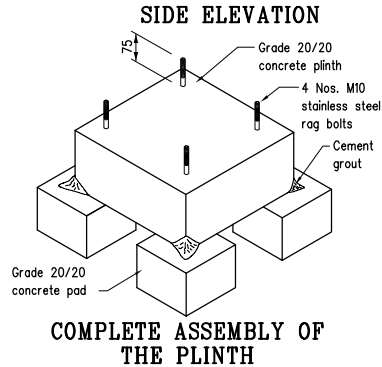


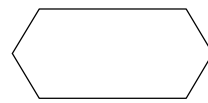
ELEVATION
(Showing plinth section)



SECTION A - A



COMPLETE ASSEMBLY OF THE PLINTH



SECTION B - B

Notes:

1. All dimensions are in millimetres.
2. O-NRTBs shall be made of flexible plastic material and formed with six (6) retro-reflective conspicuity panels, i.e. the front panel, the rear panel and 4 side panels (i.e. 2 pairs of convex v-shape side panels to allow 360° visibility).
3. Retro-reflective material of O-NRTBs shall be tested to comply with relevant European technical approval, BS EN 12899-1 class R3B-UK or above. For minimum coefficient of retro-reflection, the values for fluorescent yellow are the same as those given for yellow, unless specified in relevant standards or European technical approval. The reflective material used shall be high intensity prismatic and have a daytime fluorescent property. It shall be clearly visible at night even with dipped headlights at a comparable, if not increased distance when compared with standard illuminated bollards.
4. Minimum area of fluorescent yellow retro-reflective conspicuity panels (BS 8442):
(A) Front and rear panels : 150,000 mm² each
(B) Side panels : 20,000 mm² each
5. In spite of Note 4 above, in order to ensure the visibility of O-NRTB for an approaching vehicle making a turn, the area of each retro-reflective conspicuity side panel should not be less than 40,000 mm².
6. The area of the circle on retro-reflective sign shall be of about 700cm² with diameter about 30cm. Colour and details of traffic sign on o-nrtbs shall comply with relevant requirements of Transport Department.
7. The contractor shall refer to the recommended mounting method of O-NRTB manufacturers and submit for the approval of the engineer.
8. Please refer to Drawing No. H2140A and H2141A for the requirements of existing concrete plinth, bolt, temporary concrete cover and other relevant details.
9. See Drawing Nos. H2314 for general notes.

	Former HyD Lighting Division's Standard Drawing No. HLDSDGE06-CLO059 with general revision	Original Signed	Jun 26
REF.	REVISION	SIGNATURE	DATE

HIGHWAYS DEPARTMENT

REFERENCE	DRAWING No.	CAD
SCALE	H 2313	
NTS		

TYPICAL DETAILS OF OMNIDIRECTIONAL NON-ILLUMINATED RETRO-REFLECTIVE TRAFFIC BOLLARD