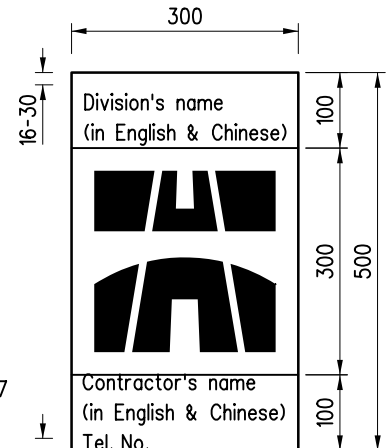


ELEVATION

SIDE VIEW



LOGO PLATE

(See note 10, 11, 12 and 13)

Notes :

1. All dimensions are in millimetres.
2. The barriers shall conform to the dimensional and functional requirements as stated in paragraphs 4.21 to 4.24 of the "Code of Practice for the Lighting, Signing and Guarding of Road Works - 5th Issue". The handrail shall be reasonably smooth without protrusions, sharp edges or corners that may pose dangers to road users. In particular, no part of the mounting mechanism for hazard warning lantern shall protrude above the top rail after removal of the lantern.
3. The barriers shall be conspicuous in colour to make them stand out in contrast to the road works behind them and are visible by day and night. The colour of the barriers shall either be orange or yellow. The upper edge of the barriers shall be fitted with alternate red and white Class RA2 retroreflective strips conforming to BS EN 12899-1:2007 at the sides facing traffic if they are placed on carriageway. The colour(s) of the barriers shall be UV resistant.
4. Colour of painting to BS 5252 F(1976):
 - (a) top bars :red and white, code 04E53 & 00E55
 - (b) others :yellow, code 08E51
 - (c) logo :red, code 04E53
 - (d) letters, characters & lines :black, code 00E53
5. The openings on the barrier panels shall not be excessive and adjacent panels shall be capable of being interlocked together without undue gaps in between. To avoid head and neck entrapment of the children, openings on barrier panels and gaps between adjacent panels shall either :
 - (i) not allow passing of a 110mm diameter rigid sphere, or
 - (ii) allow passing of a 230mm diameter rigid sphere

If the lower edge of an opening or a gap is at a height less than 775mm above ground, the opening/gap also shall not allow passing of a 270mm diameter rigid sphere.

The barriers together with interlocking devices shall be designed to be capable of operating satisfactorily on level, uneven and sloping ground surfaces.
6. The materials forming the barriers shall not contain cadmium and lead, and shall contain at least 50% recycled contents by weight unless otherwise approved by the Engineer. The plastic barrier shall be marked with the plastic resin identification code. Components of a barrier, if made of different plastic materials, shall each be marked with an appropriate plastic resin identification code.
7. Reinforcing materials in a barrier, if any, shall not be stiffer than the parent plastic material of the barrier.
8. When erected, the barriers shall be substantial and be stable under adverse weather conditions and shall not be easily toppled or moved by pedestrians or slipstreams of moving traffic. Notwithstanding that, the barriers shall not cause excessive damage to a vehicle that hits the barriers.
9. The barriers may be used to carry traffic signs, warning lanterns, logo plates or publicity boards. When used for this purpose, the attachments shall be mounted properly and shall not be excessive in number and size. These attachments shall not adversely affect the stability of the barriers and shall not cause excessive damage to a vehicle that hits the barriers.
10. A logo plate comprising the HyD logo, the name of the works office and the name and telephone number of the contractor shall be affixed on each barrier.
11. For works not carried out by Highways Department, Division's name and HyD logo on the logo plate shall be replaced by the name and logo of "The Promoter of the Works", the meaning of which is given in Note 9 of Standard Drawing No. H 6134.
12. Notice board shall be provided in accordance with Drg. No. H6144 to H6147. Other approved fixing details, which shall securely fix the notice board to the barrier, may be used.
13. The height and width (mm) of English letters, Chinese characters and numbers for logo plate shall be 12x10, 21x21 and 18x14 respectively.

REF.	REVISION	SIGNATURE	DATE
E	Materials of temporary tubular barrier changed from steel to plastic	Original signed	Jan 21
D	Note 11 added.	-	May 06
C	Notes 9 & 10 added, Note 4 and Detail 'X' revised. Other general revisions	-	July 04
B	Notice Board Drawing No. and Note 4 Amended	-	Nov 02
A	Notice Board Drawing No. Amended	-	Sept 01
	Former Drg. No. H6012/1B	-	June 94

TEMPORARY TUBULAR BARRIER

HIGHWAYS DEPARTMENT

REFERENCE	DRAWING No.	CAD
SCALE	H 6112E	
AS SHOWN		