

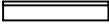



TYPE NNP1

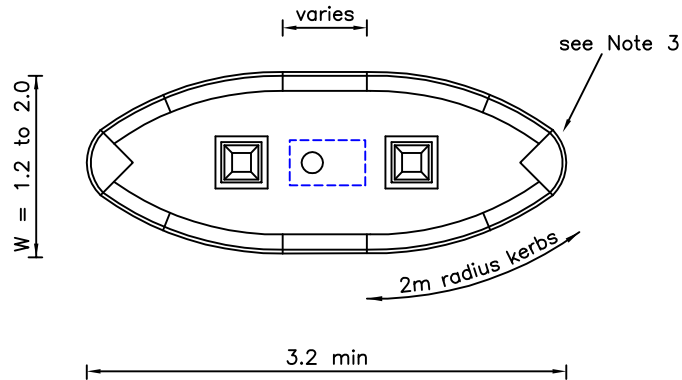
NARROW NON-PEDESTRIAN REFUGE UNI BOLLARD

KEY

-  Base illuminated bollard see Drg No SD/12/19B & 20B
-  Refuge beacon (see Note 6 & 7)
-  HB kerb
-  Quadrant

NOTES:

1. All dimensions are in metres unless otherwise stated.
2. 305mm x 255mm quadrants to be used on nosings.
3. The end of the 2m radius kerbs to be cut to suit the width of the refuge and to ensure a flush joint with quadrant.
4. Type HB (half battered) kerbs to be used with 125mm kerb face except where stated.
5. Refuges to be surfaced with the standard footway construction as per Drg No SD/11/5A. Base course regulating material to be used in lieu of sub-base when refuges are constructed in existing surfaces.
6. Refuge beacon to be in accordance with the 'Traffic Signs Manual' (Chapter 4).
7. On certain designated abnormal load routes the refuge beacon shall be mounted in a 'Poletch' Unit or similar equivalent system approved by the LCC Street Lighting section.




TYPE NNP2

NON-PEDESTRIAN TWIN BOLLARD AND BEACON



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 DEPARTMENT OF HIGHWAYS TRANSPORTATION AND WASTE MANAGEMENT	TITLE: STANDARD DRAWING KERBS AND FOOTWAYS NARROW REFUGE ISLANDS (1.2m UPTO 2m WIDE) WITHOUT PEDESTRIAN FACILITIES		DRAWING NUMBER SD/11/22 ^A	DATE SEPTEMBER 1999			
			AUTOCAD REF K:\GENERAL\ID9997\STDDRG\SD1122A	SCALE NOT TO SCALE			
					A FEB 2001	Key amended	
					Rev Date	Notes on Revision	