

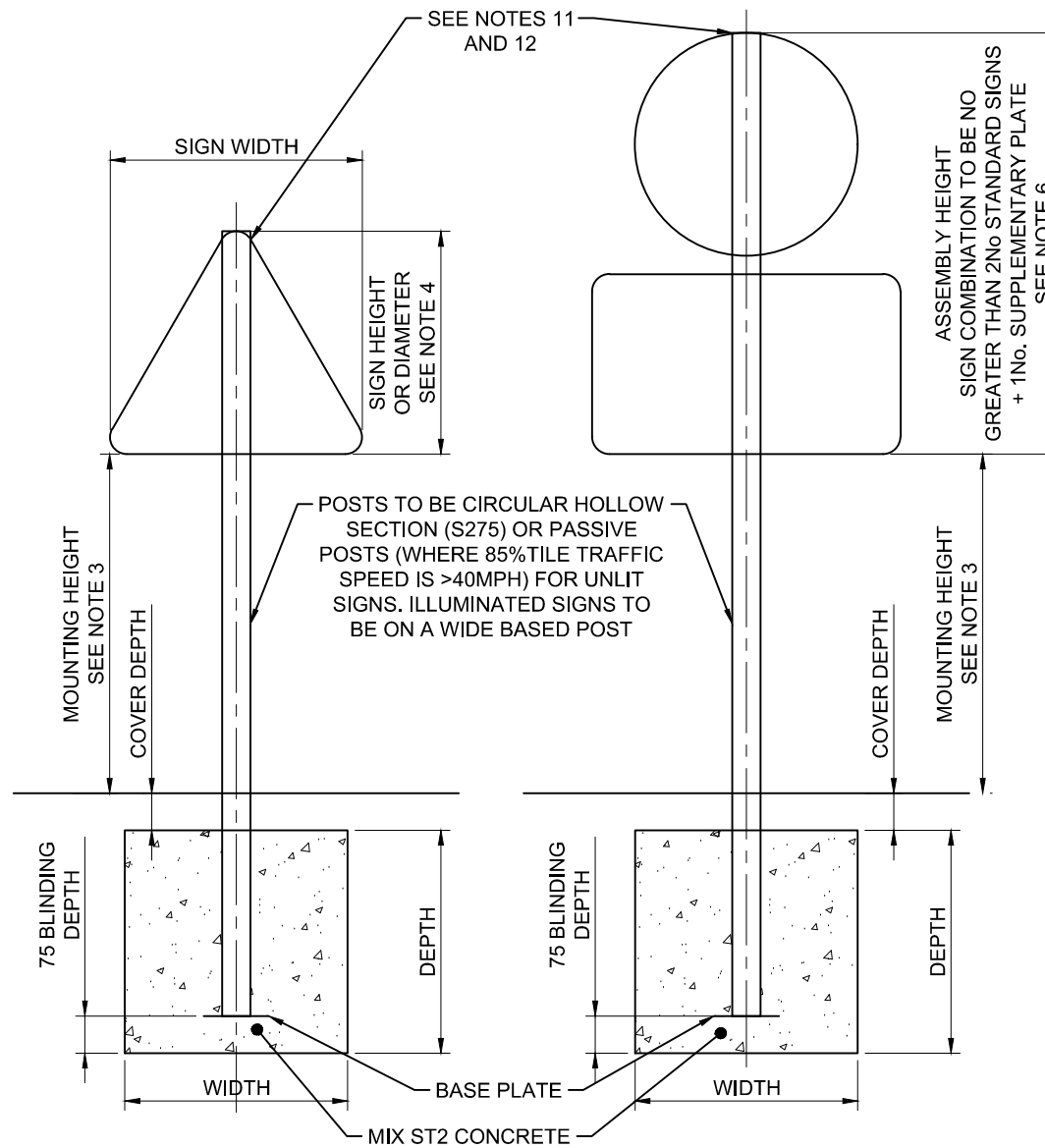
POSTS (TO BS EN 12899 OR BS EN 12767) AND FOUNDATIONS (TO BS EN 12899) FOR UNLIT SIGNS					
SIGN REF + MOUNTING HEIGHT SEE NOTE 4 AND NOTE 3	POSTS		FOUNDATION		
	TYPES (OD x THICKNESS)	LENGTH *	WIDTH	DEPTH	LENGTH
RA + 1500	76.1 x 3.2 CHS	2400	600	600	600
RA + 2100	76.1 x 3.2 CHS	3000	600	600	700
RA + 2400	76.1 x 3.2 CHS	3300	600	600	750
RB + 1500	76.1 x 3.2 CHS	2550	600	600	650
RB + 2100	76.1 x 3.2 CHS	3150	600	600	700
RB + 2400	76.1 x 3.2 CHS	3350	600	600	750
WA OR RC + 1500	76.1 x 3.2 CHS	2700	600	600	700
WA OR RC + 2100	76.1 x 3.2 CHS	3300	600	600	750
WA OR RC + 2400	76.1 x 3.2 CHS	3600	600	600	750
WB OR RD + 1500	76.1 x 3.2 CHS	2850	600	600	700
WB OR RD + 2100	76.1 x 3.2 CHS	3450	600	600	750
WB OR RD + 2400	76.1 x 3.2 CHS	3750	600	600	800
WC OR RE + 1500	76.1 x 3.2 CHS	3150	750	750	800
WC OR RE + 2100	76.1 x 3.2 CHS	3750	750	750	900
WC OR RE + 2400	76.1 x 3.2 CHS	4100	800	800	900
WA AND/OR RC ASSEMBLY (ASSEMBLY HEIGHT <= 1250) + 1500	76.1 x 4 CHS	*2250	750	750	1000
WA AND/OR RC ASSEMBLY (ASSEMBLY HEIGHT <= 1800) + 1500	88.9 x 4 CHS	*2350	850	850	1200
WA AND/OR RC ASSEMBLY (ASSEMBLY HEIGHT <= 1250) + 2100	76.1 x 5 CHS	*2800	700	700	1100
WA AND/OR RC ASSEMBLY (ASSEMBLY HEIGHT <= 1250) + 2400	88.9 x 5 CHS	*3100	800	800	1200
WB AND/OR RD ASSEMBLY (ASSEMBLY HEIGHT <= 1550) + 1500	88.9 x 5 CHS	*2300	800	800	1300

* WHERE LENGTH IS PREFIXED WITH THIS SYMBOL ADD ACTUAL ASSEMBLY HEIGHT (INCLUDING SPACES BETWEEN SIGNS) TO LENGTH OF POST

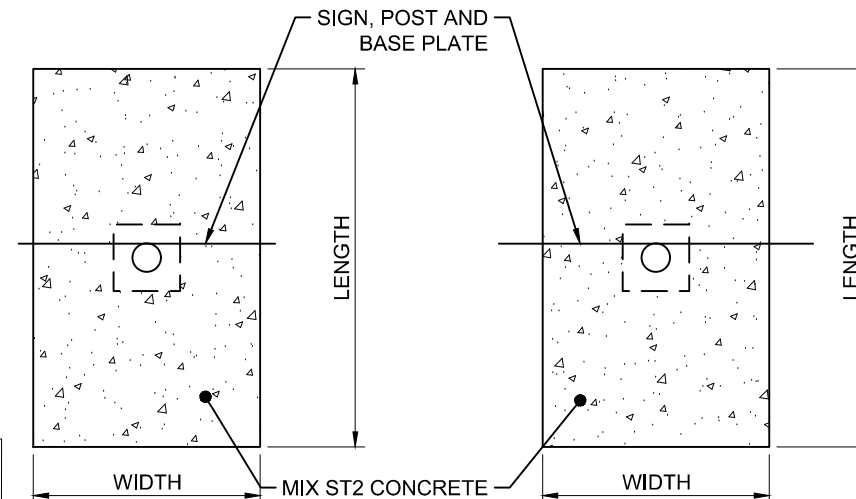
NOTES CONT.

- ALL FOUNDATION DIMENSIONS SHALL COMPLY WITH THE REQUIREMENTS OF BS EN 12899 OR BS EN 12767 AS APPROPRIATE.
- FOR DETAILS OF FOUNDATIONS FOR ILLUMINATED SIGNS, SEE DRAWING No. HCC10/L/050.
- FOR ROADS WITH A SPEED LIMIT OF 50mph OR GREATER, AND FOR SIGN POSTS WITH A DIAMETER OF OR EXCEEDING 88.9 O.D. WITH A WALL THICKNESS GREATER THAN 3.2mm, THE POSTS SHALL BE DESIGNED TO COMPLY WITH TD 89/08 (USE OF PASSIVELY SAFE SIGNPOSTS, LIGHTING COLUMNS AND TRAFFIC SIGNAL POLES TO BS EN 12767).
- IN ORDER TO HIGHLIGHT THEIR PRESENCE TO VISUAL IMPAIRED PEDESTRIANS (SEE DfT 'INCLUSIVE MOBILITY' PARA 3.9), TRAFFIC SIGN POSTS TO BE ERECTED IN FOOTWAY AREAS OR WITHIN 0.5m OF A FOOTWAY OR CYCLEWAY SHALL HAVE A 150 DEEP SELF ADHESIVE WHITE BAND APPLIED AT BETWEEN 1.5m AND 1.6m TO THE BOTTOM EDGE ABOVE GROUND LEVEL. THE BAND SHALL BE IN RETROREFLECTIVE MATERIAL TO BS EN 12899, CLASS 1 OR 2. THE ENDS OF THE TAPE SHALL BE SECURED TO RESIST REMOVAL.
- SEE APPENDIX 12/1 AND SIGN SCHEDULES FOR INFORMATION AND DIMENSIONS RELATING TO SIGN FACES, POSTS, FOUNDATIONS, CLEARANCES, LIGHTING UNITS, ETC.
- POSTS SHALL NOT PROTRUDE ABOVE THE TOP OF THE SIGN.
- WHERE IT IS NECESSARY TO ADJUST THE LENGTH OF A CHS POST ON SITE, THE CUT END SHALL BE INSERTED AT THE BASE OF THE POST WITHIN THE FOUNDATION.

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SIGN AND SIGN ASSEMBLY REAR ELEVATION



SIGN AND SIGN ASSEMBLY PLAN

NOTES

- DO NOT SCALE FROM THIS DRAWING
- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- MOUNTING HEIGHTS ARE:
 - 900 ABSOLUTE MINIMUM (RARELY USED)
 - 1500 SITED ON VERGE WITH NO FOOTWAY
 - 2000 SITED AT A JUNCTION ON A SPLITTER ISLAND
 - 2100 SITED ABOVE OR ADJACENT TO A FOOTWAY
 - 2400 SITED ABOVE OR ADJACENT TO A CYCLEWAY
- STANDARD SIGN SIZES ARE SHOWN IN TABLE BELOW, REFER TO TRAFFIC SIGNS MANUALS FOR DETAILS OF USAGE AND SITING.

	REF	SIGN HEIGHT OR DIA.(mm)	SIGN WIDTH (mm)	AREA (m2)
WARNING TRIANGLE	WA	600	680	0.24
	WB	750	850	0.37
	WC	900	1020	0.53
CIRCULAR REGULATORY	RA	300	-	0.07
	RB	450	-	0.16
	RC	600	-	0.28
	RD	750	-	0.44
	RE	900	-	0.64

- ALL POSTS SHALL BE IN ACCORDANCE WITH BS EN 12899 AND FITTED WITH BOTH BOLTED ON BASE PLATES AND PLASTIC CAPS. WHERE POSTS ARE ERECTED ON A FOOTWAY OR WITHIN 0.5m OF A FOOTWAY SHALL HAVE A 150 SELF ADHESIVE WHITE RETROREFLECTIVE RA1 BAND AT 1400 TO 1600 ABOVE GROUND LEVEL.
- SIGN COMBINATIONS WHICH MAY BE MOUNTED TOGETHER SHOULD BE PLACED IN THE FOLLOWING ORDER FROM TOP TO BOTTOM:
 - STOP OR GIVE WAY OR ANY TRIANGULAR WARNING; SIGN OR SIGNS;
 - SPEED LIMIT SIGNS;
 - OTHER CIRCULAR SIGNS; or
 - RECTANGULAR SIGNS.

REV	AMENDMENTS	DATE	CAD	CHKD	APPO

CONSULTANT



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SCHEME

STANDARD DETAILS

DRAWING TITLE

STANDARD TRAFFIC SIGNS AND ASSEMBLIES WITH SINGLE POST AND FOUNDATION DETAILS

DESIGNER CLT	CHECKED JPR	SCALE @ A3 N.T.S.
CAD CLT	APPROVED CDP	DATE March 2020
DRAWING NUMBER HCC11/C/155		REV