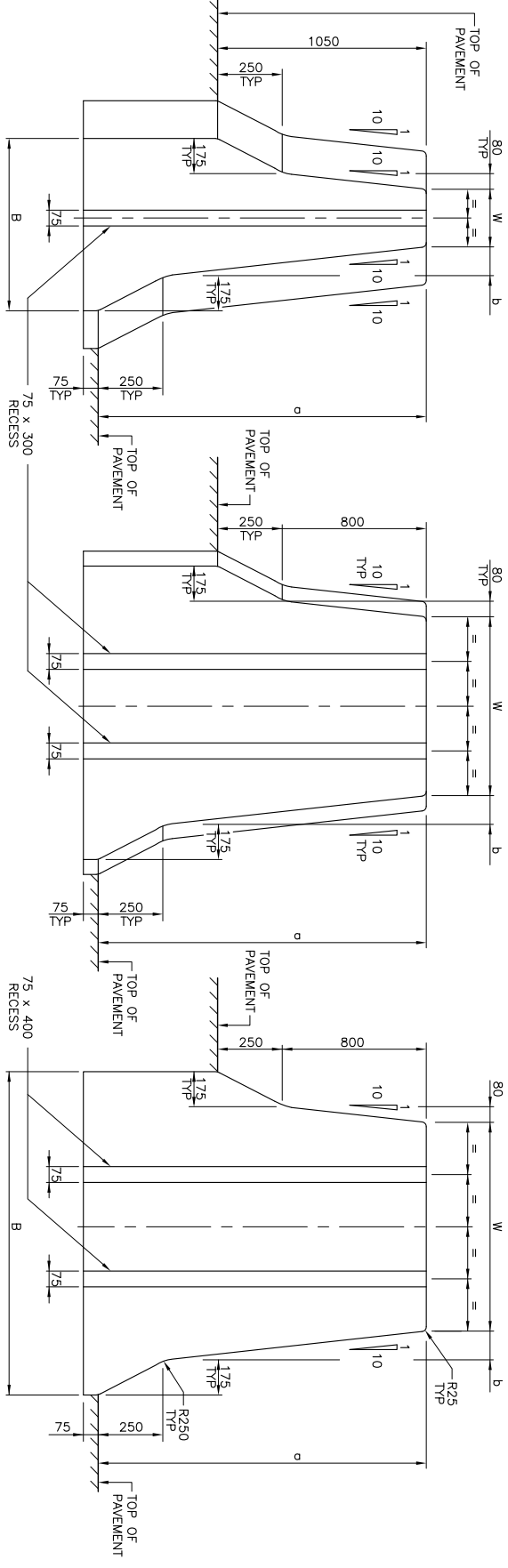


METRIC
 DIMENSIONS ARE IN METRES
 AND/OR MILLIMETRES
 UNLESS OTHERWISE SHOWN
 DRAWING NOT TO BE SCALED
 1:50 mm ON ORIGINAL DRAWING

TABLE 1, DIMENSIONS OF PRECAST BARRIERS

STATION	STRUCTURE TYPE	N	TL	L	o	b	SECTION	W	B
---	---	---	---	---	---	---	LF	---	---
---	---	---	---	---	---	---	L1	---	---
---	---	---	---	---	---	---	L2	---	---
---	---	---	---	---	---	---	L3	---	---
---	---	---	---	---	---	---	L4	---	---
---	---	---	---	---	---	---	L5	---	---
---	---	---	---	---	---	---	L6	---	---
---	---	---	---	---	---	---	L7	---	---
---	---	---	---	---	---	---	L8	---	---
---	---	---	---	---	---	---	LB	---	---

ELEVATION
 (ALONG HIGH SIDE OF BARRIER)



SECTION LB

SECTION LN

SECTION LF

(OTHER SECTIONS SIMILAR)

DESIGN INFORMATION TABLE

STRUCTURE TYPE	N	TL	L	BARRIER DIMENSIONS AT GRIDLINE																													
				LB	B	W	LB	B	W	L7	B	W	L6	B	W	L5	B	W	L4	B	W	L3	B	W	L2	B	W	L1	B	W	LF	B	
STATIC SIGN	5	12150	2420	290	860	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VMS	3	7298	2420	290	860	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HIGH MAST (25m)	7	17002	2420	290	860	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HIGH MAST (30, 35m)	8	19428	2420	290	860	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HIGH MAST (40, 45m)	9	21854	2420	290	860	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

N = NO. OF PRECAST BARRIER
 TL = TOTAL TRANSITION LENGTH
 L = PRECAST BARRIER LENGTH
 W = WIDTH AT TOP OF PRECAST BARRIER
 B = WIDTH AT BASE OF PRECAST BARRIER
 RIGHT SIDE PRECAST BARRIERS SIMILAR

- NOTES:**
- THE DETAILS OF SIGN SUPPORT OR POLE FOOTING SHALL REFER TO RELEVANT STANDARD DRAWINGS SS118-5 OR SS118-8 OR SS116-52.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING SS110-94.
 - EXPANDED POLYSTYRENE IN EXPANSION JOINT SHALL BE ACCORDING TO OPS 920 AND BE HELD IN PLACE WITH LIGHT GALVANISED NAILS.
 - THE TRANSITION BARRIER SHALL HAVE 75MM EMBEDMENT.
 - SHOP DRAWINGS SHOWING DETAIL DIMENSIONS OF PRECAST BARRIERS SHALL BE PRODUCED BY THE CONTRACTOR FOR CA APPROVAL.

NOTES TO DESIGNER:

- FOR b=140mm, DIMENSIONS OF PRECAST CONCRETE BARRIERS CAN BE TAKEN FROM THE DESIGN INFORMATION TABLE ACCORDING TO THE TYPE OF STRUCTURE. FOR OTHER VALUES OF 'b', DIMENSIONS 'w' AND 'B' AT GRIDLINE 'LN' CAN BE RE-CALCULATED USING THE FOLLOWING EQUATIONS:

$$b = \frac{o - 250}{10}$$

$$w_{LN} = w_{LF} - \frac{N(w_{LF} - w_{LB})}{TL}$$

$$B_{LN} = b + 430 + w_{LN}$$
- VALUES OF 'B' SHALL BE ROUND OFF TO THE NEAREST 5mm.
- THE "DESIGN INFORMATION TABLE" AND "NOTES TO DESIGNER" SHALL BE DELETED FROM THIS DRAWING PRIOR TO ISSUING OF THE CONTRACT.

STANDARD DRAWING
 JAN 2012
SS110-101
 PRECAST TRANSITION CONCRETE BARRIER
 AT SIGN SUPPORTS AND POLES
 MEDIAN MOUNTED (ASYMMETRICAL)

REFER TO 1.1.8 IN THE STRUCTURAL MANUAL FOR PROFESSIONAL ENGINEER STAMPING REQUIREMENTS.

REVISIONS	DESIGN	CHK	CODE	DESCRIPTION	DATE