

1. LONGITUDINAL SPACING AND LOCATION

A. STRAIGHTS:

INTERVALS OF 150 METRES IN PAIRS, ONE ON EACH SIDE OF THE ROAD, EXCEPT ON LONG STRAIGHTS WITH FLAT TERRAIN WITHIN HIGH SPEED ENVIRONMENTS, SPACING MAY BE INCREASED TO 300 METRES.

B. HORIZONTAL CURVES - OUTSIDE:

CURVE RADIUS (m)	ON OUTSIDE OF CURVE (m)
LESS THAN 100	6
100 - 199	10
200 - 299	15
300 - 399	20
400 - 599	30
600 - 799	40
800 - 1199	60
1200 - 2000	90
MORE THAN 2000	150

C. HORIZONTAL CURVES - INSIDE:

RADIUS (m)	SPACING ON CIRCULAR ARC AND PLAN TRANSITION (m)
LESS THAN 400	OPPOSITE EVERY SECOND POST ON OUTSIDE OF CURVE
400 - 1199	60
GREATER THAN 1199	OPPOSITE EVERY POST ON OUTSIDE OF CURVE

D. INTERSECTION QUADRANTS:

RADIUS (m)	POSTS
10 TO 15	3 POSTS EVENLY SPACED
15 TO 25	4 POSTS EVENLY SPACED
GREATER THAN 25	SPACING AS FOR HORIZONTAL CURVES - INSIDE

E. CREST VERTICAL CURVES (V.C.):

ON CRESTS HAVING A STRAIGHT ALIGNMENT, POSTS SHALL BE ARRANGED SO THAT THE DELINEATORS ON AT LEAST TWO PAIRS ARE VISIBLE AT ALL TIMES TO A DRIVER, EXCLUDING ANY POSTS THAT ARE LESS THAN 40m AHEAD OF THE DRIVER. WHERE A HORIZONTAL CURVE OCCURS ON OR JUST BEYOND A CREST, THIS REQUIREMENT NEED APPLY ONLY TO POSTS ON THE OUTSIDE OF THE CURVE. THE REQUIREMENTS OF "B" OR "C" OR BOTH, SHALL APPLY.

V.C. RADIUS (m)	SPACING IN PAIRS (m)
LESS THAN 500	25
500 - 1000	50
1001 - 2000	75
2001 - 4500	100
GREATER THAN 4500	150

F. BRIDGES:

TWO LANE BRIDGES:
 A: NORMAL SPACING SHALL BE APPLIED ON APPROACHES.
 B: ONE POST SHALL BE INSTALLED AT EACH END OF GUARDRAIL.
 C: GUARDRAIL DELINEATORS ARE PER CS3200.

G. CULVERTS:

WHERE GUARDRAIL IS NOT PROVIDED GUIDE POSTS WILL BE ERECTED AT CULVERTS AS FOLLOWS:

CULVERT WIDTH (m)	NUMBER OF POSTS	LOCATION
LESS THAN 5	2 EACH SIDE	ADJACENT TO APPROACH ENDS OF HEADWALLS
5 OR GREATER	4 EACH SIDE	ADJACENT TO ENDS OF HEADWALLS.

H. FLOODWAYS:

GUIDE POSTS WILL BE LOCATED AT 25m SPACING, AND IN PAIRS.

2. LATERAL LOCATION

WHERE PRACTICABLE GUIDE POSTS WILL BE PLACED AT A UNIFORM DISTANCE FROM THE PAVEMENT EDGE. GUIDE POSTS WILL BE LOCATED AT THE OUTSIDE EDGE OF SHOULDER UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

3. INSTALLATION

A. FORMED OR FLEXIBLE PAVEMENT:

REFER TO TECHNICAL SPECIFICATION.

B. NEW CONCRETE STRUCTURES & GABIONS/MATTRESSES:

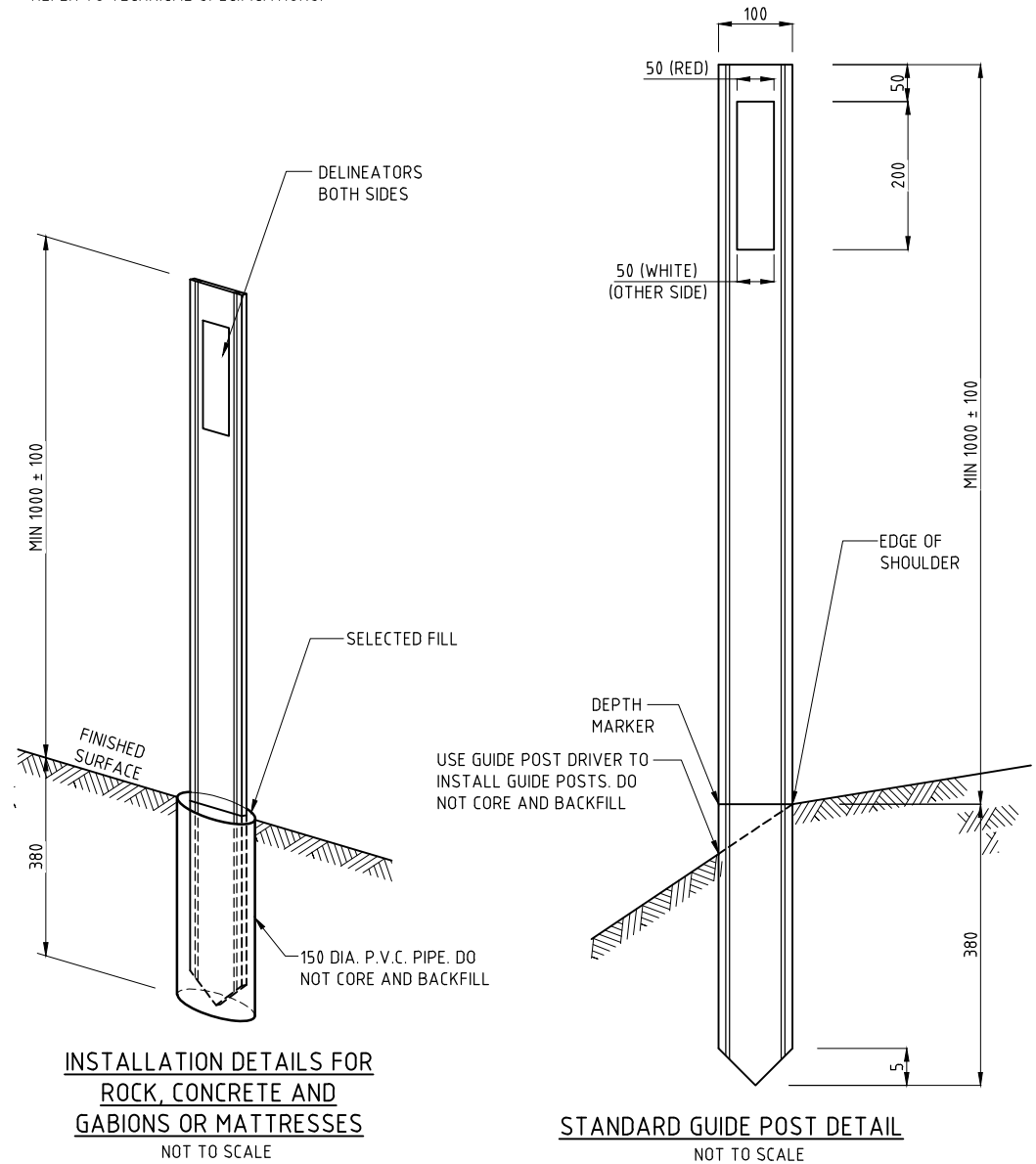
PVC PIPE TO BE SET TO CORRECT LINE AND LEVEL PRIOR TO POURING AND INSTALLED AS SHOWN IN DETAIL.

C. ROCK & EXISTING CONCRETE STRUCTURE:

A HOLE OF 200mm SHOULD BE DRILLED WITH THE PVC PIPE SET TO CORRECT LINE AND LEVEL AND CEMENT GROUTED INTO PLACE AND INSTALLED AS SHOWN IN DETAIL.

4. DELINEATORS AND POST MATERIAL

REFER TO TECHNICAL SPECIFICATIONS.



NOTES:

- GUIDE POST DETAIL IN ACCORDANCE WITH AS 1742.2. DELINEATORS IN ACCORDANCE WITH AS 1742.2 AND AS/NZS 1906.2.
- GUIDE POSTS ARE TO BE INSTALLED VERTICALLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION. NO TOLERANCE DEVIATION WILL BE ACCEPTED.
- ATTACH ONE RED AND ONE WHITE DELINEATOR TO EACH GUIDE POST. THE RED DELINEATOR TO BE ATTACHED TO THE CONVEX SIDE OF CURVED GUIDE POSTS WHERE APPLICABLE. RED DELINEATORS TO BE ON THE LEFT AND WHITE DELINEATORS TO BE ON THE RIGHT WHEN VIEWED IN THE DIRECTION OF TRAVEL.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

WARNING
 BEWARE OF UNDERGROUND SERVICES.
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

DRAWN J.LEESON	CHECKED S.HATZI
DATE JUNE 2017	DATE JUNE 2017
DESIGNED	CHECKED
DATE	DATE
DESIGN LEADER S.HATZI	DESIGN DIRECTOR S.JACKSON
DATE 1/09/2017	DATE 1/09/2017



STANDARD DRAWINGS
 ROAD FURNITURE & SIGNS

FLEXIBLE GUIDE POSTS

FILE No.	ASSET No.	SHEET No.	DRAWING No.	AMEND.	SHEET SIZE
-	-	1 OF 1	CS3500	3	A1

No.	DESCRIPTION	DATE	NAME	DEPT./COMPANY
3	MINOR CHANGES	JAN 2024	D. LLANO	DIPL
2	DELINEATOR POSITION AND NOTES AMENDED	DEC 2019	S.SHI	EES/DIPL
1	MINOR AMENDMENT	MAR 2019	S.SHI	EES/DIPL
0	ISSUED AS A STANDARD DRAWING	SEPT 2017	J.LEESON	EES/DIPL
AMENDMENTS				