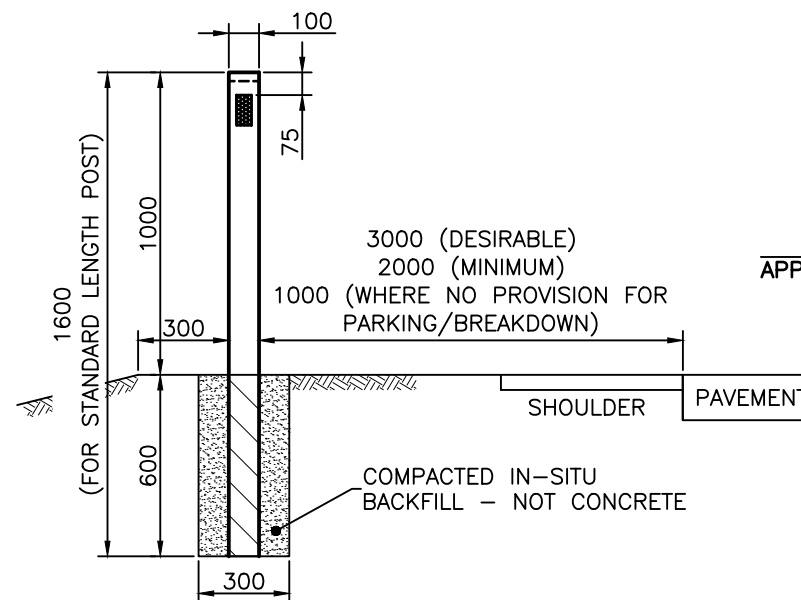
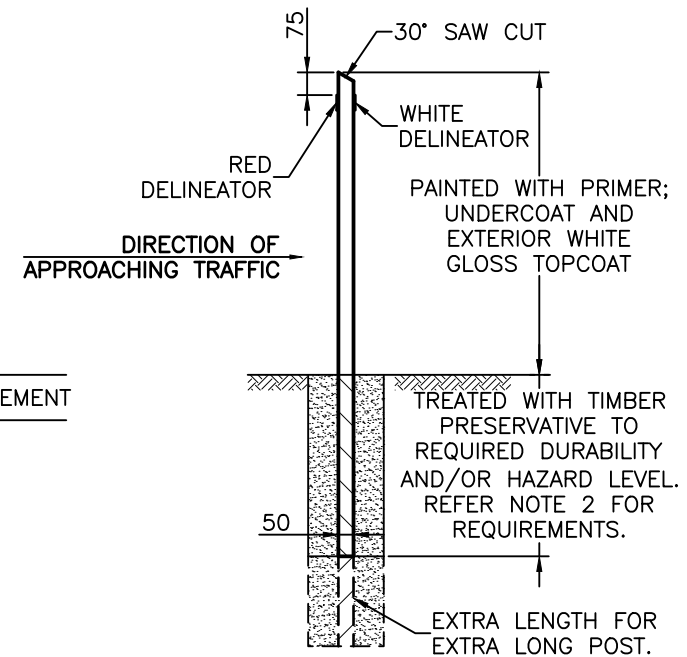


**FRONT ELEVATION –  
EXTRA LONG TIMBER POST**



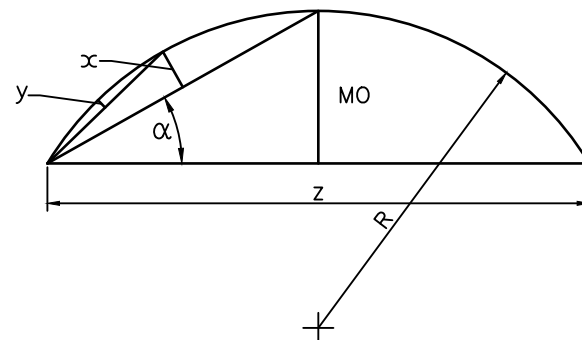
**FRONT ELEVATION –  
STANDARD TIMBER POST**



**SIDE ELEVATION –  
TIMBER POST**

**NOTES:**

1. ALTERNATIVE PRODUCTS WILL BE CONSIDERED FOR APPROVAL BY MANAGER CITY ASSETS UPON RECEIPT OF FORMAL APPLICATION.
2. ALL POST MATERIALS, INCLUDING TIMBER PRESERVATION, ARE TO COMPLY WITH QUEENSLAND DEPARTMENT OF TRANSPORT AND MAIN ROADS (QDTMR) SPECIFICATION MRTS 11.14.
3. WHERE GUIDE POSTS ARE INSTALLED ON FLOODWAYS, POST SHALL BE TUBULAR STEEL AT MAXIMUM 25m SPACING IN PAIRS.
4. POSTS TO BE ERECTED IN PAIRS, ONE EACH SIDE OF THE ROAD FORMATION WHERE KERB AND CHANNEL DO NOT EXIST.
5. DELINEATORS ARE TO COMPLY WITH QDTMR SPECIFICATION MRTS 11.14 AND ARE TO BE LOCATED WITH RED FACING TRAFFIC ON THE LEFT SIDE AND WHITE FACING TRAFFIC ON RIGHT SIDE.
6. GUIDE POST SHALL BE POSITIONED:
  - ON STRAIGHTS OR CURVES AS PER TABLE PROVIDED;
  - SO THAT ONE PAIR IS ALWAYS VISIBLE ON EACH SIDE OF THE TOP OF THE CREST ON EACH SIDE OF THE ROAD;
  - ADJACENT TO ANY CHANGE OF ROAD ALIGNMENT OR HAZARD (eg. TAPERS, BRIDGES, CULVERTS).
7. WHERE POSTS ARE PLACED OVER CRESTS, THE SPACING SHALL BE ARRANGED SUCH THAT A MINIMUM OF 2 PAIRS ARE VISIBLE AT ALL TIMES FROM FROM A DRIVER'S EYE HEIGHT OF 1.15m.
8. DELINEATORS TO BE FIXED TO GUARDRAIL AT EACH END POST AND AT A MAXIMUM SPACING OF 16m. CLOSER SPACING AS PER TABLE ABOVE MAY BE REQUIRED IN WHICH CASE DELINEATORS ARE TO BE PLACED ON THE NEAREST POST.
9. SPACING AND INSTALLATION TO CONFORM TO REQUIREMENTS, OF THE QUEENSLAND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
10. DIMENSIONS IN MILLIMETRES (UNO).



1.  $R = \frac{Z}{2 \sin 2\alpha}$  ;  $\alpha = \tan^{-1} 2 \left( \frac{MO}{Z} \right)$
2.  $x = \frac{MO}{4}$  ;  $y = \frac{MO}{16}$

**MID ORDINATE DIAGRAM**

1. USED FOR OBTAINING THE RADIUS OF A CURVE AFTER MEASURING MO & Z.
2. USED FOR SETTING OUT THE CURVE AFTER OBTAINING THE RADIUS

RADIUS (m)	SPACING (m)	
	OUTSIDE OF CURVE	INSIDE OF CURVE
<100	6	12
100-199	10	20
200-299	15	30
300-399	20	40
400-599	30	60
600-799	40	60
800-1199	60	60
1200-2000	90	90
>2000 (incl. straights)	150	150

**SPACING**

**SPACING FOR SPECIAL CASES**

FLOOD WAYS:- 25m FOR FLOOD WAYS < 120m LONG.  
50m FOR FLOOD WAYS > 120m LONG.

NARROW FORMATIONS:- 20m FOR SHORT HIGH FILLS OR DEEP DRAINAGE DITCHES.

**STANDARD TIMBER POSTS**

- 1600 MIN.x100x50 HARDWOOD WITH 6 ARRIS AROUND EXPOSED PERIMETER OF POST. EXTRA LENGTH AS REQUIRED TO SUIT LOCATION.

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
D	Installation Hole Dia. Added, Notes 2 & 5 Amended.	DJL 11/09	IC 11/10	PC 01/11
C	Notes 1 & 2 Mod., Timber Preservation Req. Mod..	DJL 06/09	IC 09/09	PC 9/09
B	Notes modified, Extra Long Post added.	DJL 12/04	BH 14/02/05	PC 03/03/05
A	ORIGINAL ISSUE	April '01	May '01	June '01

DESIGN	STD DWG GROUP	DATE
DESIGN	CITY DESIGN	DATE April '01
CHECKED	M. STEER	DATE May '01
DRAWING FILENAME	UMS 131	
ASSOCIATED PLANS	SUPERSEDES WS 18-1	



**BRISBANE CITY COUNCIL STANDARD DRAWING**

**ROAD EDGE GUIDE POSTS**

SCALE: NOT TO SCALE

DWG No. **UMS 131**

ORIGINAL SIZE: A3 REVISION: D