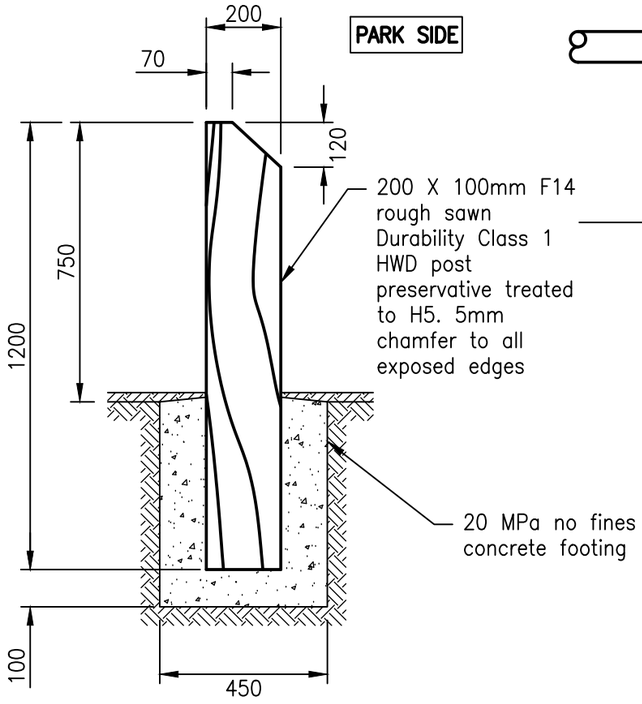
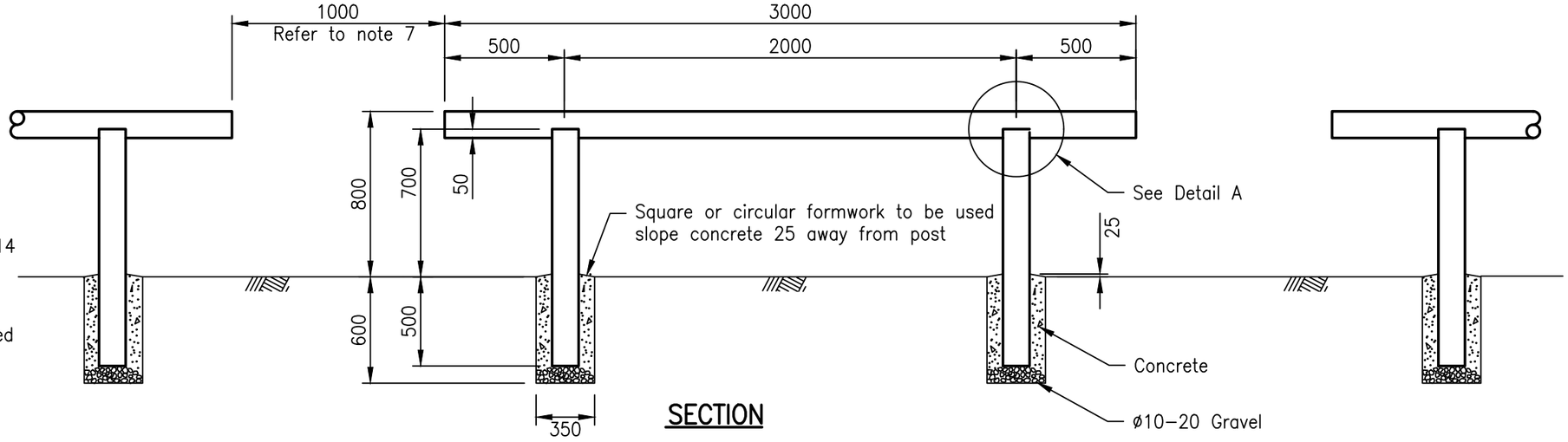
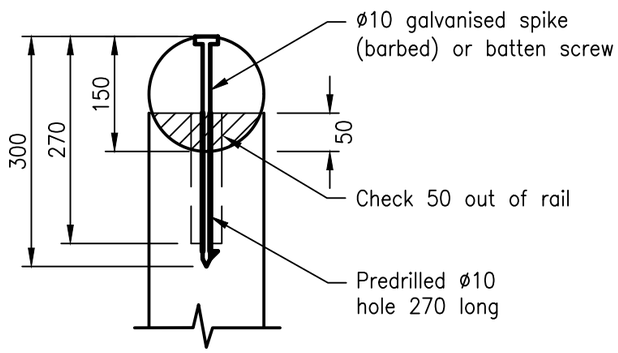


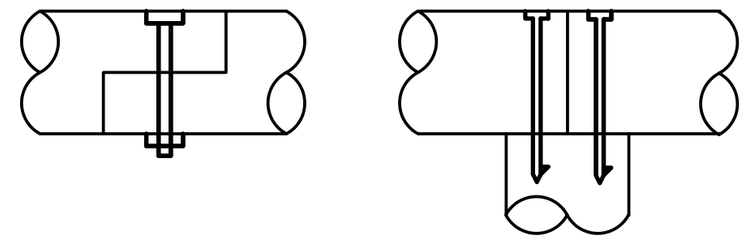
SIDE SECTION



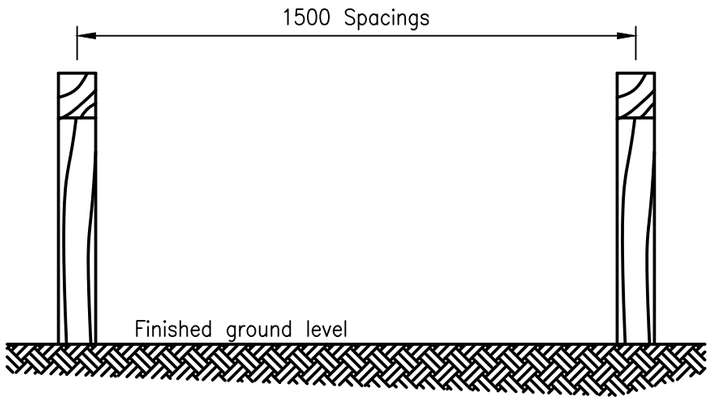
SECTION



DETAIL A

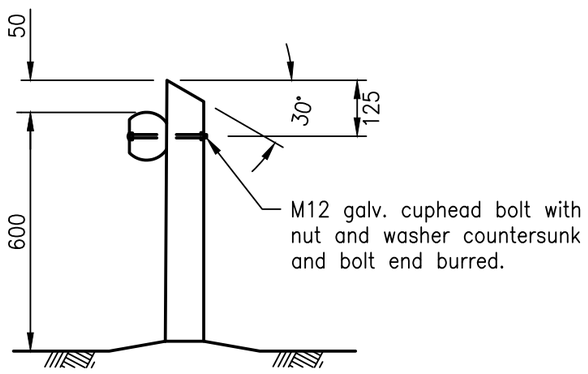


TYPICAL RAIL JOINTS
FOR CONTINUOUS FENCING



FRONT ELEVATION
HARDWOOD
TIMBER BOLLARD

Refer to relevant Council for Bollard Type



ALTERNATIVE RAIL

NOTES:

1. Concrete N25 in accordance with AS 1379 and AS 3600. Durability class H5 min to AS 1604.
2. All hardwood timber to be Durability class 1, F14 preservative treated to H5.
3. Log Barriers to be 125 to 200 diameter, Grade A treated to AS 1604. Use of CCA treated timber to be approved by relevant Council prior to installation.
4. Paint all cut surfaces with industrial clear water repellant to lock in chemicals used on CCA, in accordance with AS 1607.
5. Material
   Hexagonal head bolts to AS 1111.
   Nuts to AS 1112.
   Washers to AS 1237.
   Galvanising to AS 1214.
6. Check for service locations prior to boring for posts
7. The speed environment of the road should be considered when determining the lateral placement of log barrier fencing adjacent to the road way. Refer Austroad "Guide to Road Design – Part 6".
8. All dimensions are in millimetres unless shown otherwise.

Rv.	DATE	REVISIONS
F	10/17	Log barrier diameter range added, spike dia. changed
E	06/14	Review
D	03/13	Amended Drawing Number
C	02/11	Review
B	06/10	Review
A	06/09	ORIGINAL ISSUE

INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA
STANDARD DRAWINGS

FENCING
LOG BARRIER AND ALTERNATIVE
HARDWOOD TIMBER BOLLARD

GS–042