RIGID PIPE POST FENCE (LIGHT DUTY)

TYPICAL ARRANGEMENT

NOT TO SCALE

1. SCALE OR AS SHOWN
2. SIZES OF FITTINGS MAY VARY IN MANUFACTURE AND THEREFORE SHOULD BE TAKEN AS APPROXIMATE ONLY.
3. FOR EVERY 10 Nos OF FENCE POST HOLES TO BE BACKFILLED WITH CONCRETE, ONE CONCRETE CORE SAMPLE SHALL BE SEPARATELY PREPARED AND TESTED IN ACCORDANCE WITH RTA SPECIFICATION T310.
4. ENERGY ABSORPTION CAPACITY OF 60.3 x 4.5 CHS POSTS GRADE 250 TO AS 1163 = 4kJ.
5. THE CONSTRUCTION OF THE FENCES SHALL BE IN ACCORDANCE WITH RTA QA SPECIFICATION R161, FENCING.
6. HEXAGON HEAD, PRODUCT GRADE C BOLTS SHALL BE PROPERTY CLASS 4.6 TO AS 1111.
7. HEXAGON NUTS, PRODUCT GRADE C, SHALL BE PROPERTY CLASS 5 TO AS 1112.
8. HEXAGON THIN NUTS, PRODUCT GRADE B, SHALL BE PROPERTY CLASS 04 TO AS 1112.
9. BOLTING CATEGORY FOR PRODUCT GRADE C BOLTS SHALL BE 4.6/S IN ACCORDANCE WITH AS 5100.
10. BLACK STEEL WASHERS (NORMAL AND LARGE SERIES) SHALL CONFORM TO AS 1237.

GENERAL NOTES

1. THESE STANDARD DRAWINGS ARE INTENDED TO GIVE A TYPICAL LAYOUT OF THE ROCK FALL CONTAINMENT STRUCTURES. THEY SHALL BE REVIEWED OR MODIFIED BY QUALIFIED ENGINEERS PRIOR TO THEIR USE FOR SPECIFIC PROJECTS.
2. IF ANOTHER POST SIZE IS ADOPTED, CORRESPONDING DETAILS SHALL BE REVISED TO SUIT.
3. THE POSITION OF THE FENCE AND PROTECTION FOR VEHICLE IMPACT SHALL BE CHECKED WITH THE ROAD SAFETY AND TRAFFIC MANAGEMENT SECTIONS OF THE RTA.

ROADS AND TRAFFIC AUTHORITY OF NSW

C Salmon I HOBSON

ISSUE DATE
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