INSTALLATION OF POSTS PTB & PT9
1. EXCAVATE OR PRE-BORE A HOLE IN THE GROUND AT LEAST 400mm IN DIAMETER WITH THE HOLE EXCAVATION EXTENDING NO MORE THAN 300mm BELOW THE BOTTOM OF THE POST.
2. LOCATE POST CENTRAL IN HOLE.
3. BACKFILL AROUND POST WITH CLEAN, WELL GRADED, NON-CEMENTED GRANULAR MATERIAL (E.G., SAND) COMPACT WITH A SUITABLE PNEUMATIC COMPACTOR SO THAT IF A HORIZONTAL FORCE OF 2KN IS APPLIED TO THE TOP 200mm OF A POST BEFORE THE REAL IS SECURED, MOVEMENT OF THE POST AT GROUND LEVEL WILL NOT EXCEED 3mm.
4. POSTS IN SERVICE, THE BACKFILL AROUND THE POST DOES NOT SETTLE DOWN NOR DOES THE BACKFILL AROUND IT WHEN THE DIAMETER OF THE HOLE IS 150mm.

NOTES
1. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF MINI SPECIFICATION 833 OR MINI SPECIFICATION 833 AS APPROPRIATE.
2. FABRICATION OF STEEL COMPONENTS SHALL COMPLY WITH THE REQUIREMENTS OF AS 1554.4 AND THE SPECIFICATION.
3. ALL WELDING SHALL BE STRUCTURAL PURPOSE IN ACCORDANCE WITH AS/NAZS 1554.4 AND THE SPECIFICATION.
4. AFTER FABRICATION STEELWORK SHALL BE HOT-DIP GALVANISED AS FOLLOWS:
   4.1 BOLTS, NUTS AND WASHERS IN ACCORDANCE WITH AS 1554.4 AND THE SPECIFICATION.
   4.2 STEEL CABLE AND SLEEVED ENDS IN ACCORDANCE WITH AS 1554.4 AND THE SPECIFICATION.
5. ALL OTHER STEELWORK IN ACCORDANCE WITH AS/NAZS 4400.
6. ALL BOLTS SHALL BE SUPPLIED WITH NUTS & WASHERS WHERE SHOWN. ALL MUSHROOM HEAD BOLTS SHALL BE SUPPLIED WITH OVERSIZED NUTS (3MM ACROSS FLAT).
7. ALL BOLTS THROUGH TIMBER ELEMENTS SHALL BE COATED WITH DENSIPASTE. AFTER TIGHTENING THE NUTS ALL EXPOSED THREADS AND NUTS SHALL BE COATED WITH DENSIPASTE.

This ‘WAMELI’ end treatment shall NOT be used on Freeways.

ELEVATION
2. ALL BOLTED JOINTS SHALL BE SHIG TIGHTENED TO AS 4100.
3. ALL STRUCTURAL STEEL SHALL COMPLY TO AS.
   3.1 STEEL PLATE FOR 'W BEAM - AS/NAZS 1044 GRADE 354.
   3.2 STEEL PLATE (MERCHANT 8490 - AS/NAZS 3879 GRADE 300)
   3.3 ALL OTHER STEEL PLATE - AS/NAZS 3879 GRADE 250.
   3.4 STEEL SECTIONS ROLL BENDED - AS/NAZS 3879 GRADE 300.
   3.5 TIE CABLES - AS 3549.
4. FOR DIMENSIONS NOT SHOWN ON DRAWING REFER TO MINI SPECIFICATION.
5. DEPARTURE END IS A MIRROR IMAGE OF THE APPROACH END DETAILS.