NOTCHED BLOCKOUT PIECE (PO06/PO07)

SECTION 1

SECTION 2

SECTION 3

SECTION 4

ONE WAY TRAFFIC DEPARTURE END STEEL POST (P015)

SLIP BASE PLATE

SOIL PLATE (PO06)

BEARING PLATE (P01)

POST - W BEAM (P001)
- THREE (PO03)
-W-BEAM AND THREE BEAM POST AND BLOCKOUT COMPONENTS

NOTEs:
1. POSTS are from 4.3 B6T grade W400 in accordance with AS/NZS 1584.
2. W BEAMS are from steel grade W400 in accordance with AS/NZS 1584, modified
twice blockout from 6 BM6 plate and all other blockouts from 4.3 BM6.
Bolt = Grade High Tensile.
3. SOIL PLATE shall be fabricated from steel grade 250 in accordance with AS/NZS 1584.
4. HEADING PLATE and SLIP BASE PLATE shall be fabricated from steel grade 96500 in accordance with AS/NZS 3678. Posts to be welded to slip base plates in accordance with AS/NZS 1584.
5. Welding Standards are to AS 1102.3.
- All welding to conform to AS/NZS 1584.
- All welds to be on the 3.3 Category.
- Welding consumables for structural steel to be the controlled hydrogen type 410/5 or 40/04.
6. POSTS, BOLTS, WELDS, PLATE, treated to 4C50 and hot dip galvanised to AS/NZS 4600 after fabrication. Slip base posts to have weld optional and welding strip removed prior to treatment and galvanising.
7. PLATE CUTTING of components not permitted.
8. TRANSITION (P005) cut for slip base plates to be tightened to 25 Nm.
LH POSTS to cable assembly to be tightened to 25 Nm, Nut P010 to be snug light in 25 Nm.
All other nuts shall be snug light in 25 Nm.
9. DIMENSIONS are subject to manufacturer's tolerances except where allowable tolerances are specified.
10. DIMENSIONs are in millimetres unless otherwise shown.

ASSOCIATED DOCUMENTS:
- Standard Coverages Data Manual
- Main Roads Specifications and Technical Standards Manual
- Reference Documents:
- Departmental Standard Specifications:
- W2/F4 Road Furniture
- Australian Standards:

AS 1102.3

Department of Transport and Main Roads

STEELE BEAM GUARDRAIL

POSTS AND BLOCKOUTS, SOIL AND BEARING PLATES, SLIP BASE PLATE.

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477 W2/F4 Road Furniture

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