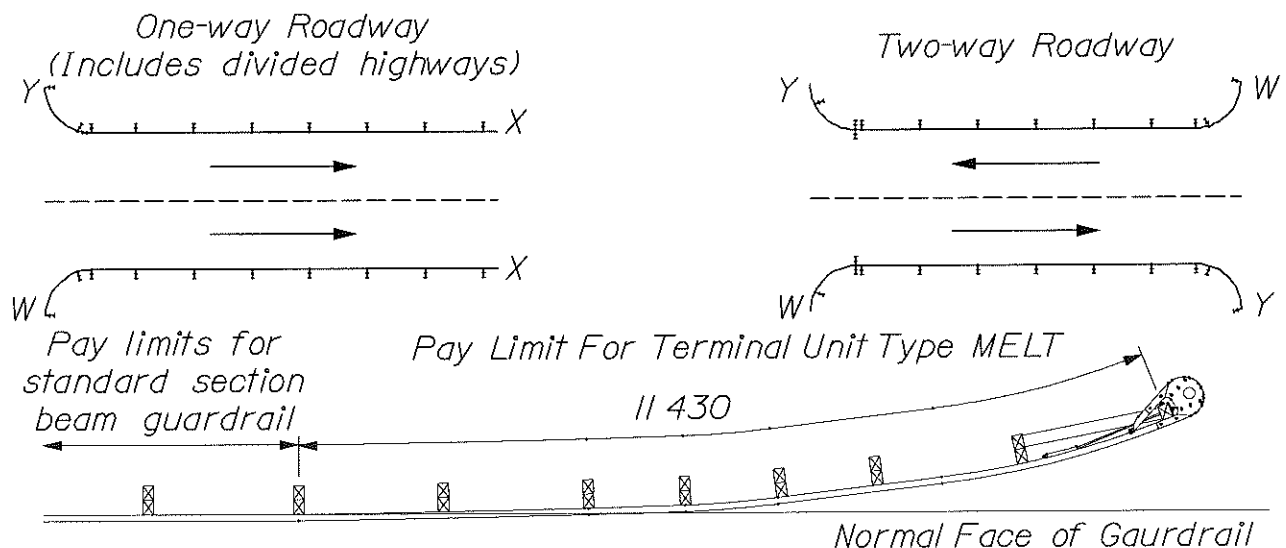
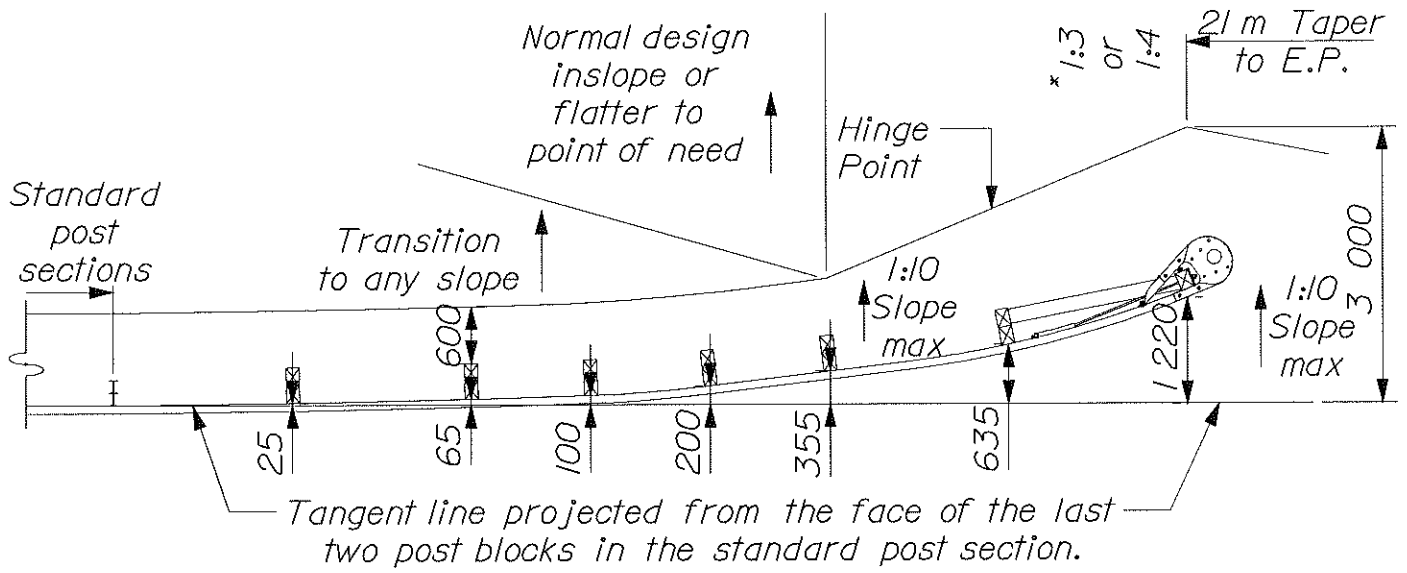


M.E.L.T. NOTES

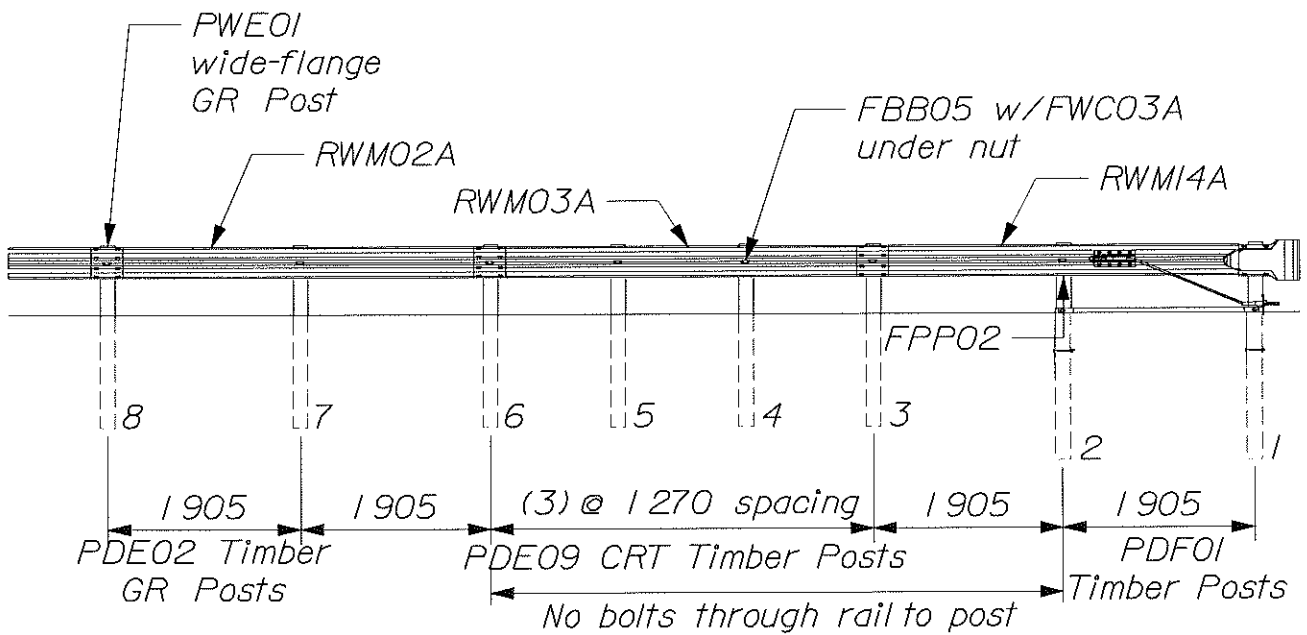
1. For description and specification of part identified "ARTBA..." see report prepared and approved by the AASHTO-AGC-ARTBA Joint Cooperative Committee, "A Guide to Standardized Highway Barrier Hardware".
2. All angles, channels, and plates shall conform to the requirements of A.S.T.M. A36 and structural tubing to A.S.T.M. A500 or A.S.T.M. A513, Grade 1008. Diaphragm Plate shall conform to A.S.T.M. A36 or AASHTO M-180. Welding shall meet the current requirements of the American Welding Society Structural Welding Code ANSI/AASHTO/ AWS D1.5. All structural steel shall be galvanized in accordance with A.S.T.M. A123. No punching, drilling, cutting, or welding will be permitted after galvanizing.
3. Short wooden breakaway post shall be made of S4S Timber with a stress grade of 8 MPa and shall be grade marked or certified by a recognized association or agency which is certified by the Board of Review, American Lumber Standards Committee, to grade the species. It shall receive a preservative treatment in accordance with AASHTO designation M-133.
4. Optional holes are for insertion of Nose Expansion Block when required.
5. The post offset dimensions are given to the center of the traffic face of the blockouts, except at the first post where the dimension is to the center of the traffic face of the post. Offset points are to be located by chord measurements at the back of rail equal to the nominal post spacing shown. Posts are to be set approximately radial to the railing at each post location.
6. 300 mm x 900 mm Type III Retroreflective Adhesive Sheeting shall be applied to the approach Buffer End Section after curving, but prior to the installation of Button Head bolts as follows: W = White Sheeting, Y = Yellow Sheeting, X = No Sheeting.



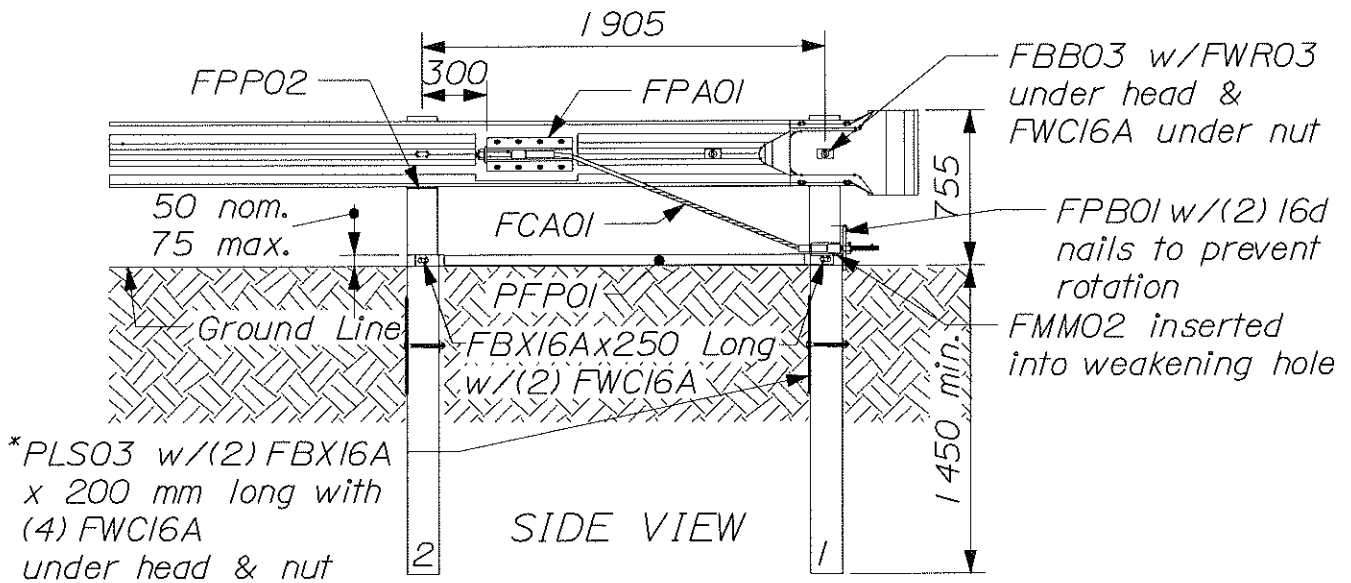
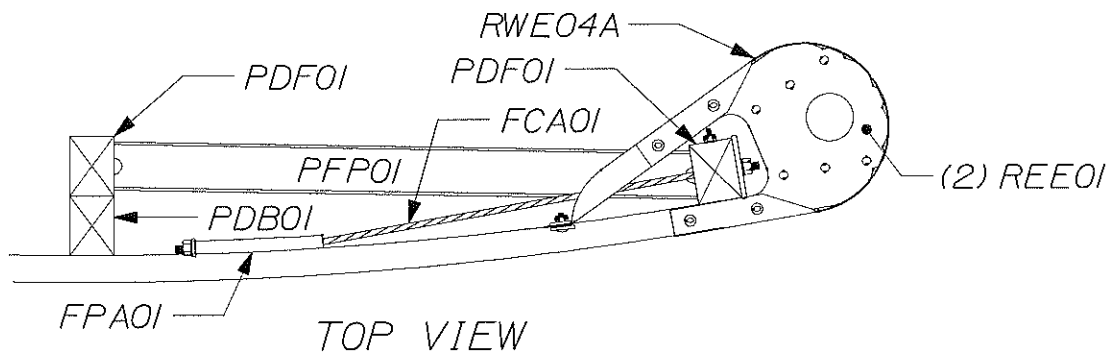
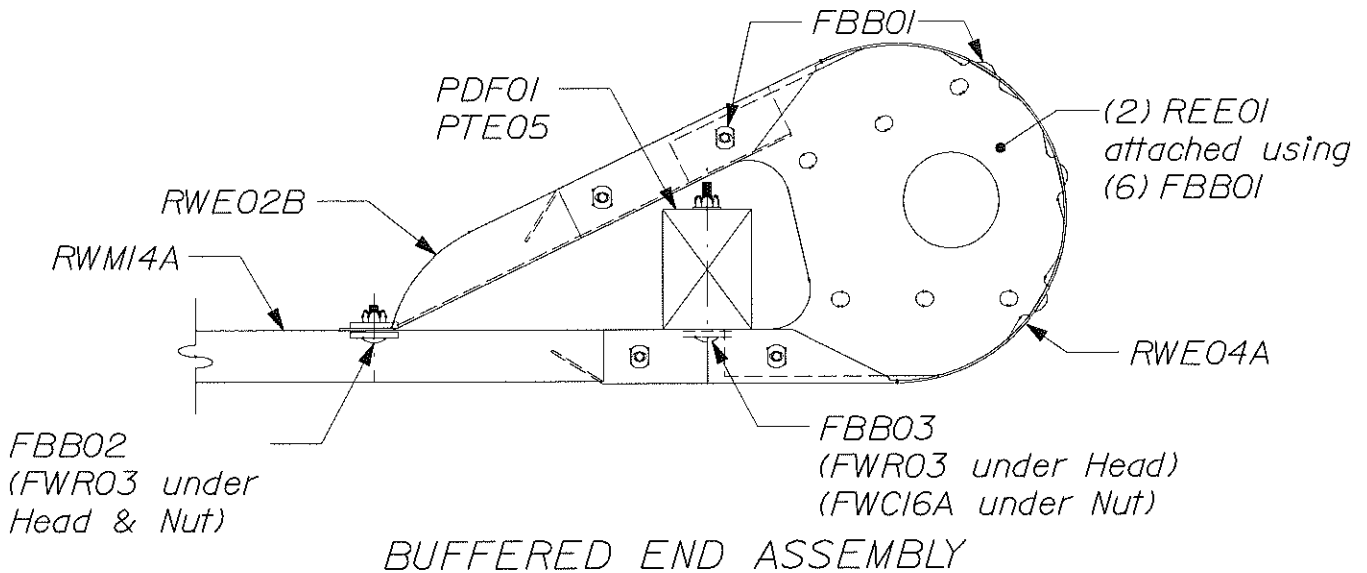
MODIFIED ECCENTRIC LOADER TERMINAL
606(08)



* Match normal design inslope

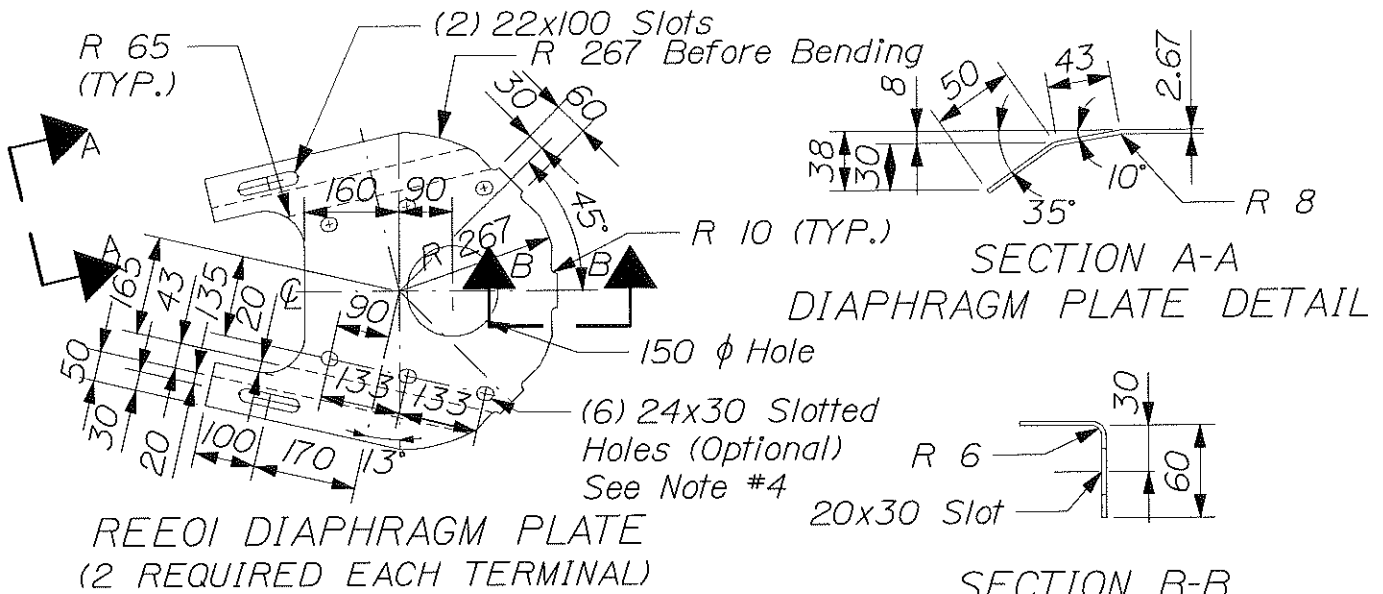


M.E.L.T. POST LAYOUT
606(09)



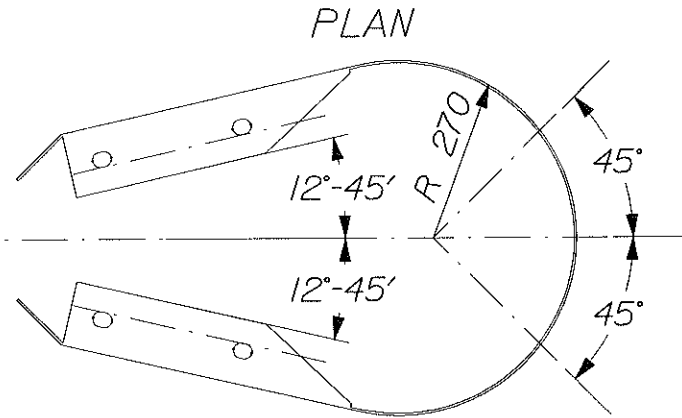
PDF01 Timber Post inserted into PTE05 Foundation Tube Posts No. 1 & 2. Post edges may require beveling below the 22 mm hole to allow the post to fit into the steel foundation tube.

*The PLS03 Soil Plates at Posts 1 & 2 may be eliminated if 1830 mm (6') foundation tubes are used at Post 1 & 2.

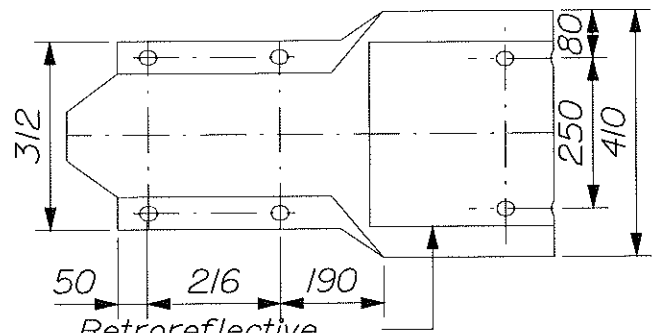


SECTION A-A
DIAPHRAGM PLATE DETAIL

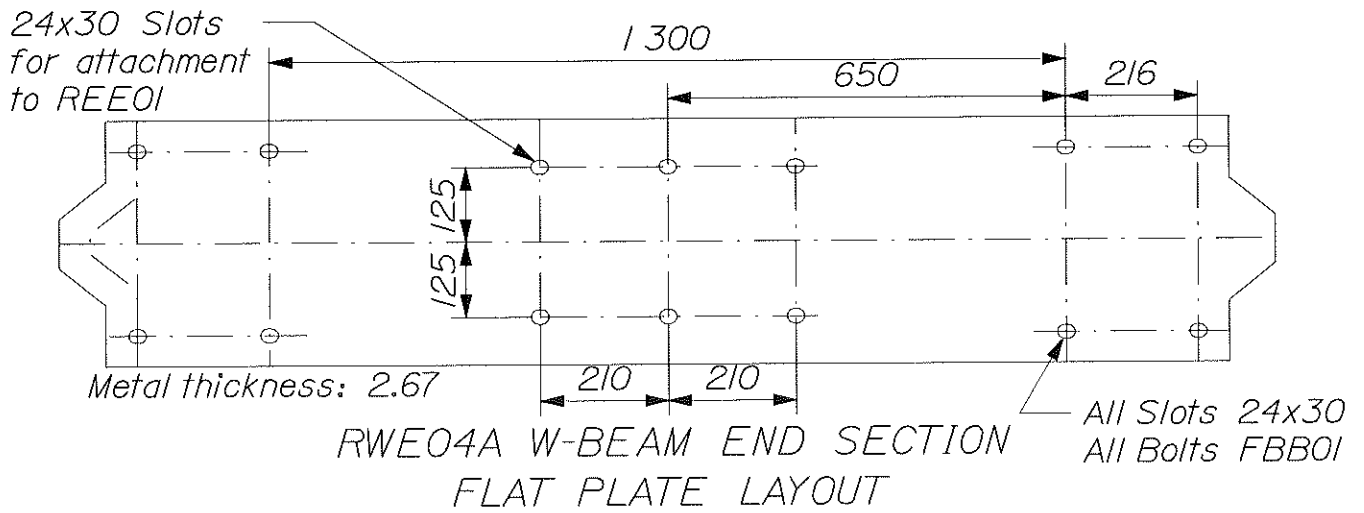
SECTION B-B
DIAPHRAGM PLATE DETAIL
ELEVATION



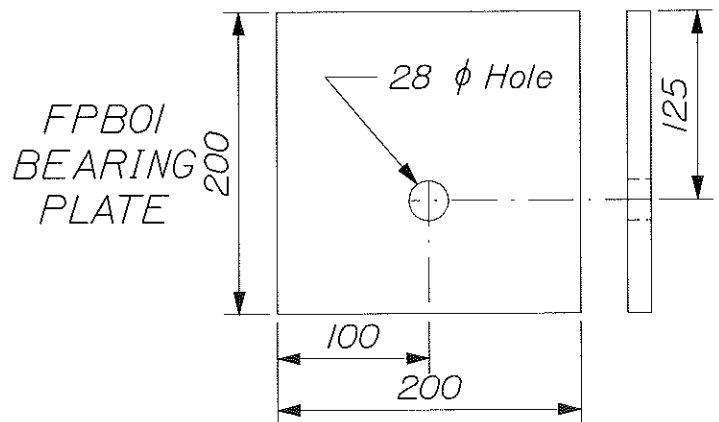
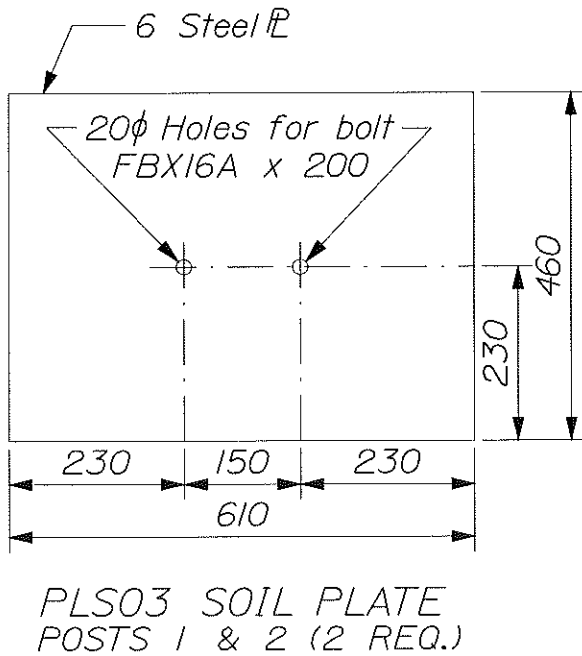
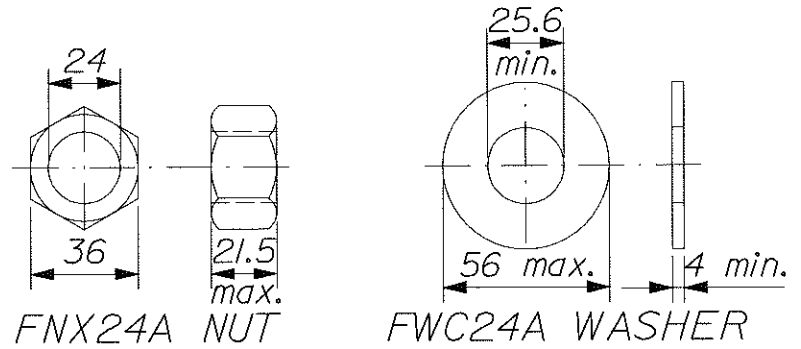
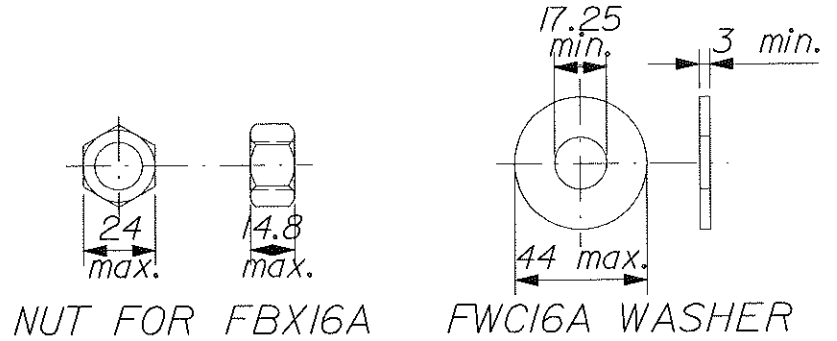
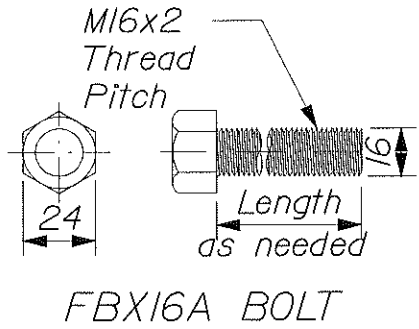
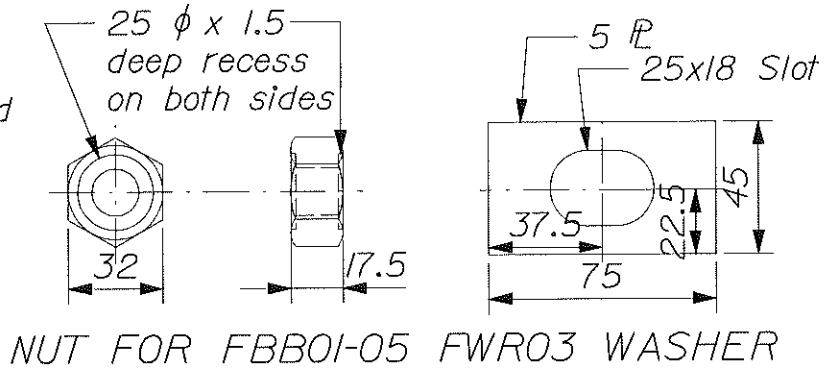
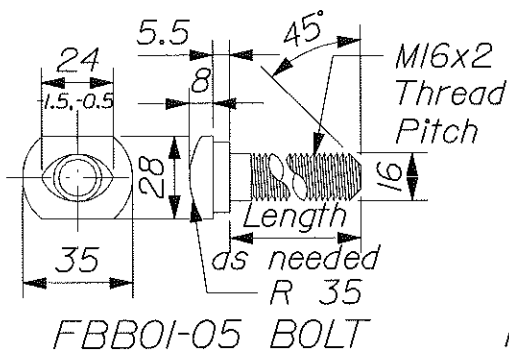
RWE04A
W-BEAM END SECTION

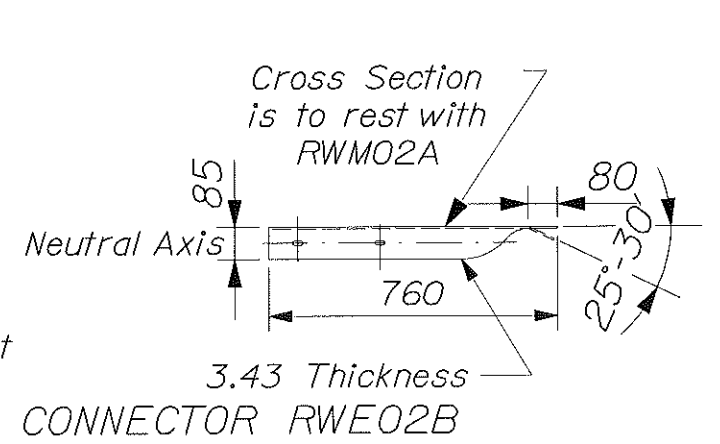
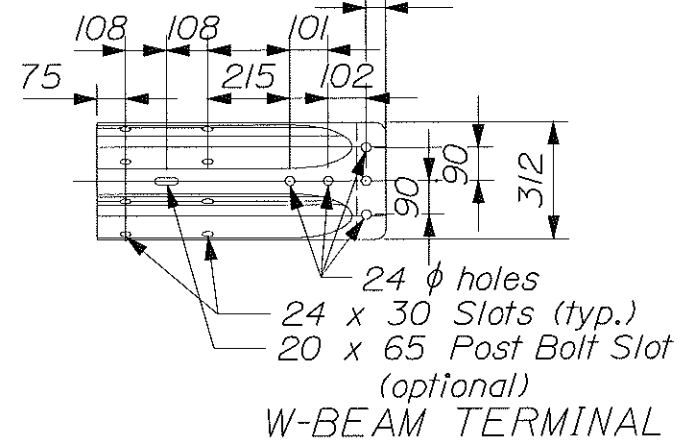
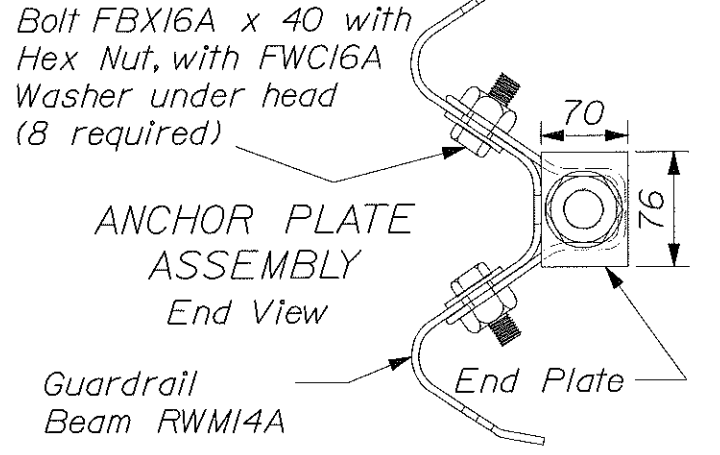
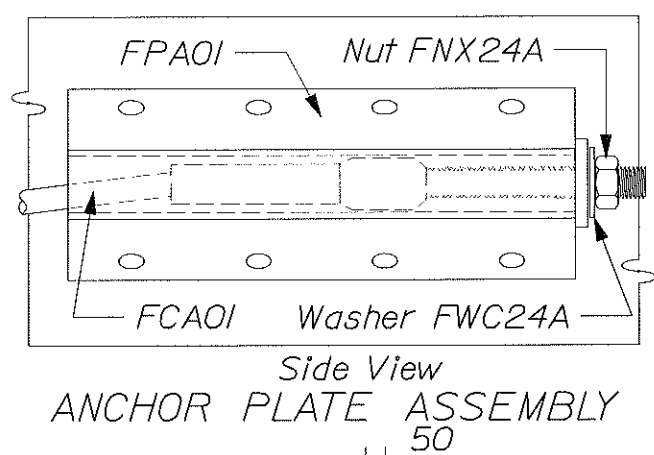
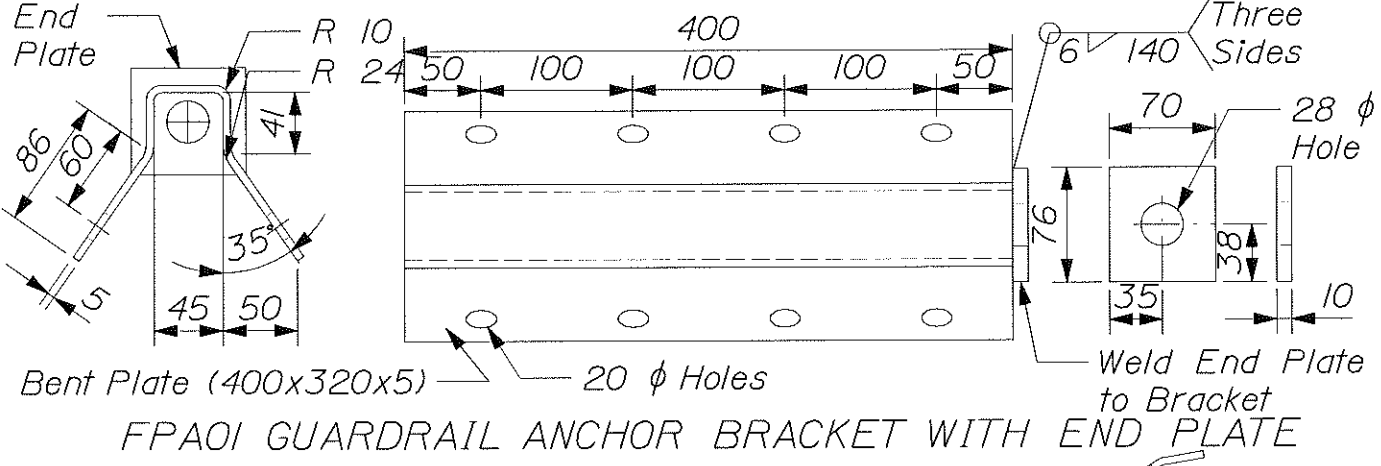
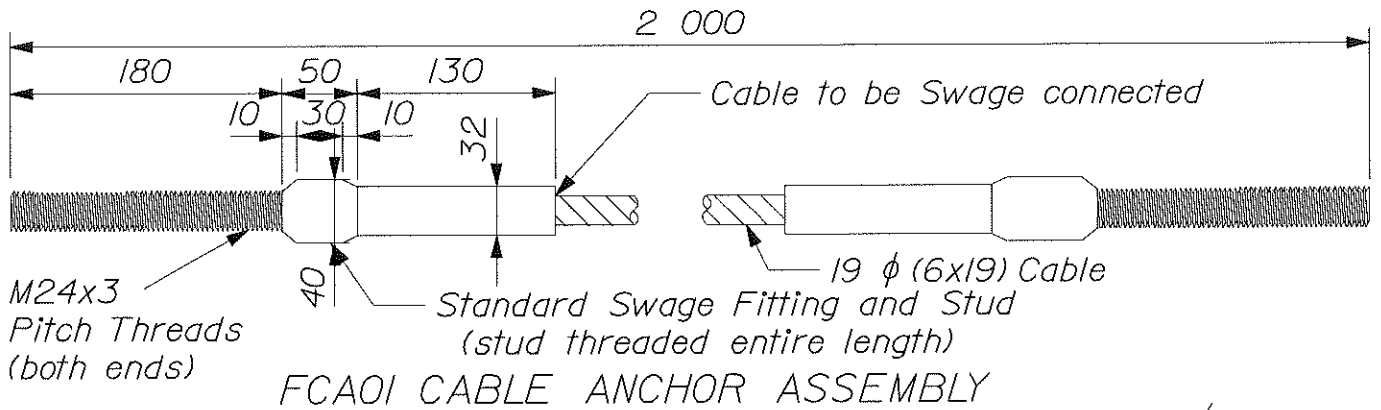


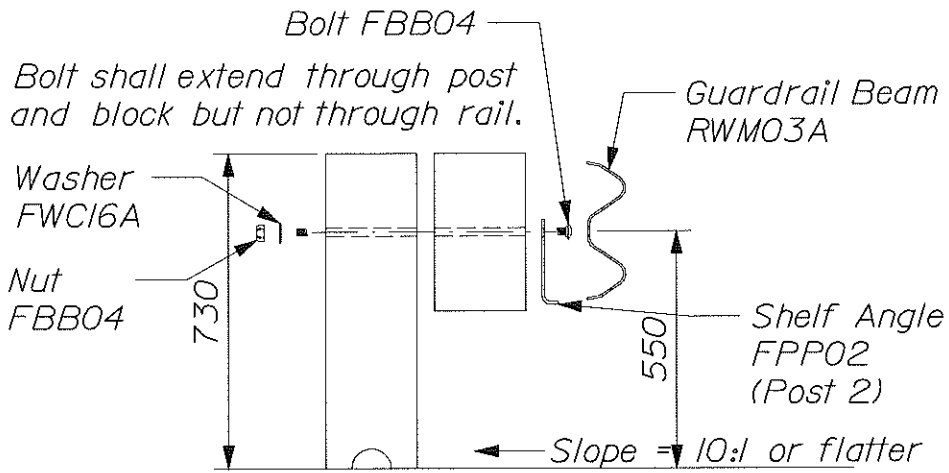
RWE04A
W-BEAM END SECTION



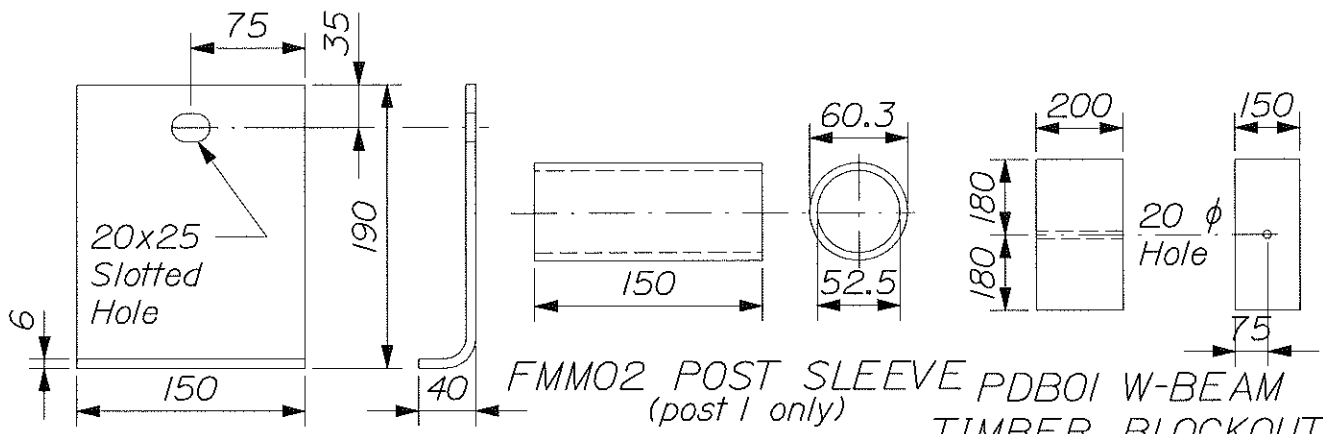
BUFFERED END ASSEMBLY
606(II)



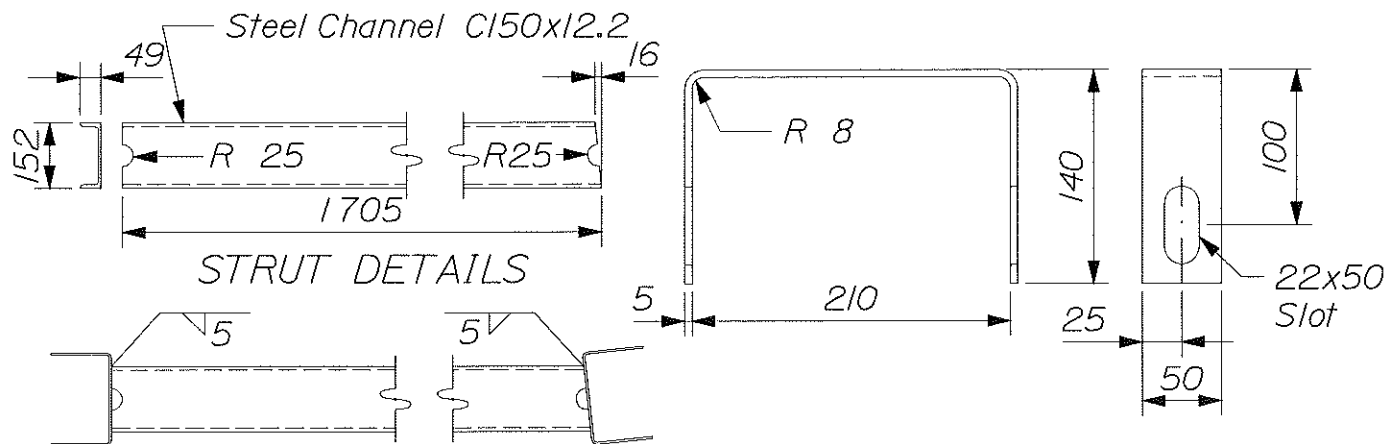




BREAKAWAY LINE POST AND BLOCK
 PDE09 (4 required)



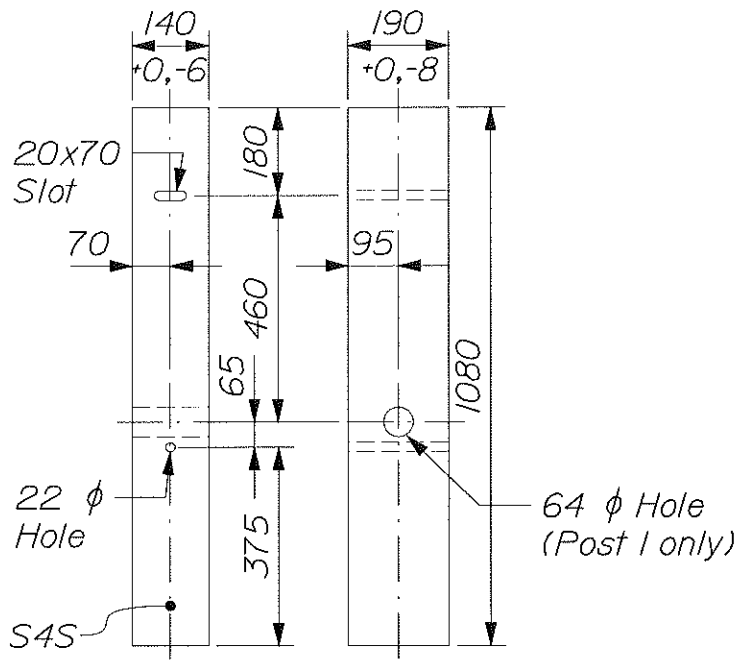
FPP02 SHELF
 ANGLE BRACKET AT POST #2
 (1 required)



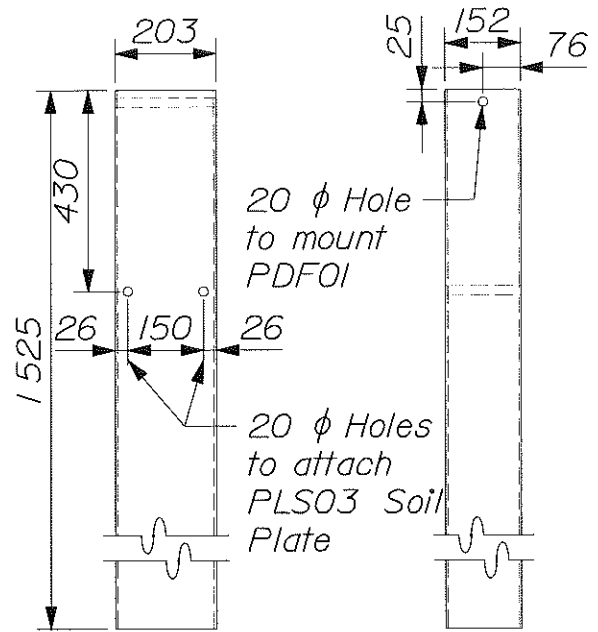
PFPO1 STRUT & YOKE ASSEMBLY
 Shown legs up. For opposite hand, install legs down.

YOKE DETAILS
 (2 required)

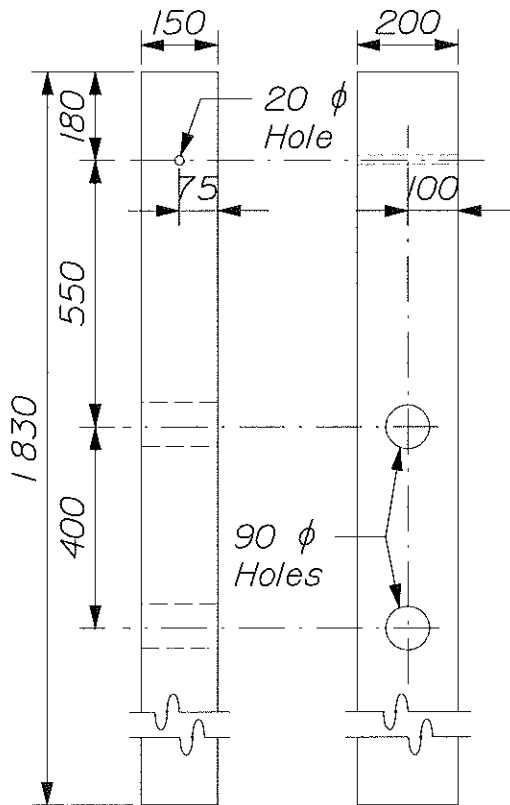
POST, YOKE & STRUT ASSEMBLY
 606(14)



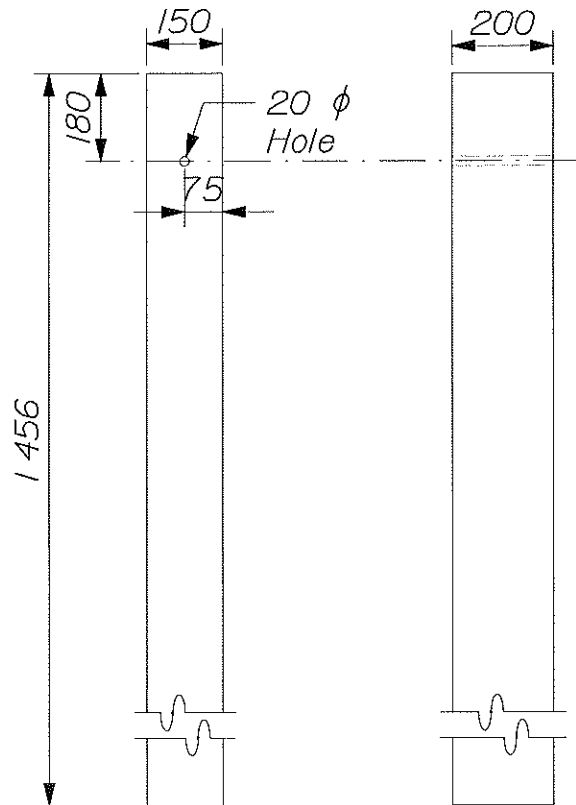
PDFOI TIMBER POST
Posts 1 & 2 (2 req.)



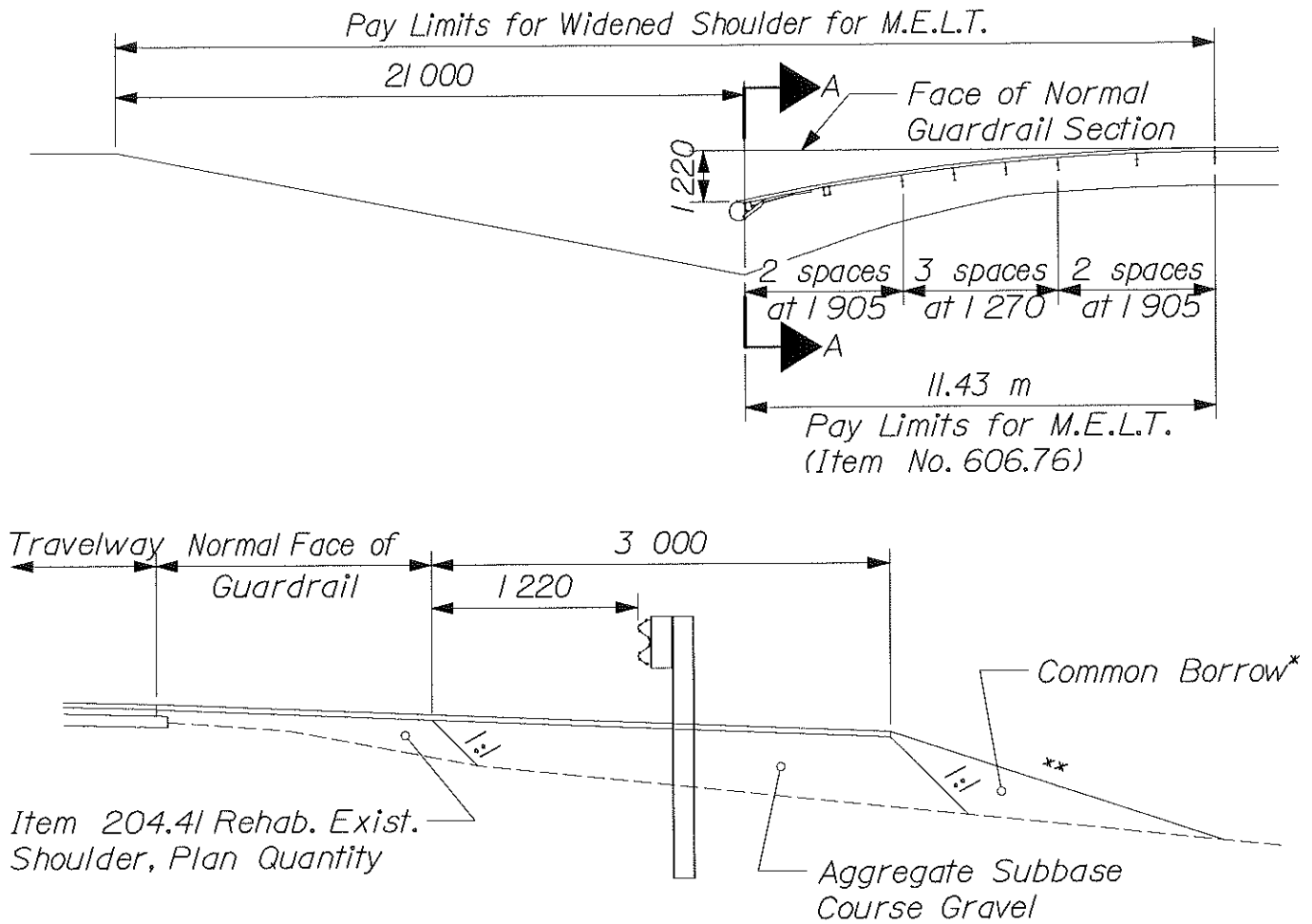
PTE05 FOUNDATION TUBE
For Posts No. 1 & No. 2
TS-203x152x4.8 (2 req.)



PDE09 CRT TIMBER POST
(4 required)



PDE02 TIMBER GR POST
(1 required)



SECTION A-A

* Adjacent or available excavation shall be used instead of Common Borrow unless otherwise directed by the Resident.

** This shall be a 1:4 slope in areas that are presently 1:6. The steepest slope shall be 1:3 in all other areas.

Note:

Widened Shoulder for M.E.L.T., when required, will be paid for under Item 606.752, complete in place, which price shall be full payment for furnishing, placing, grading, and compaction of aggregate subbase. Common Borrow, seed, mulch, loam, and Hot Bituminous Pavement will be paid for under the applicable items.

SHOULDER WIDENING FOR M.E.L.T.
606(16)