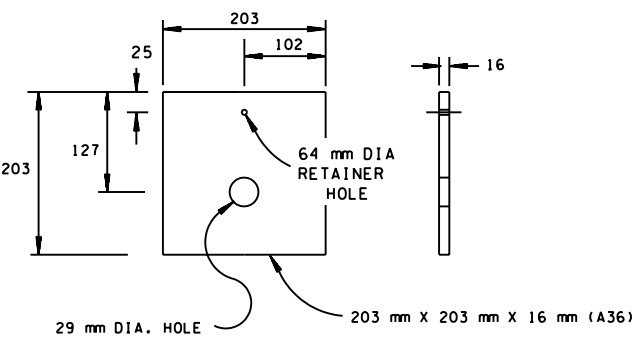
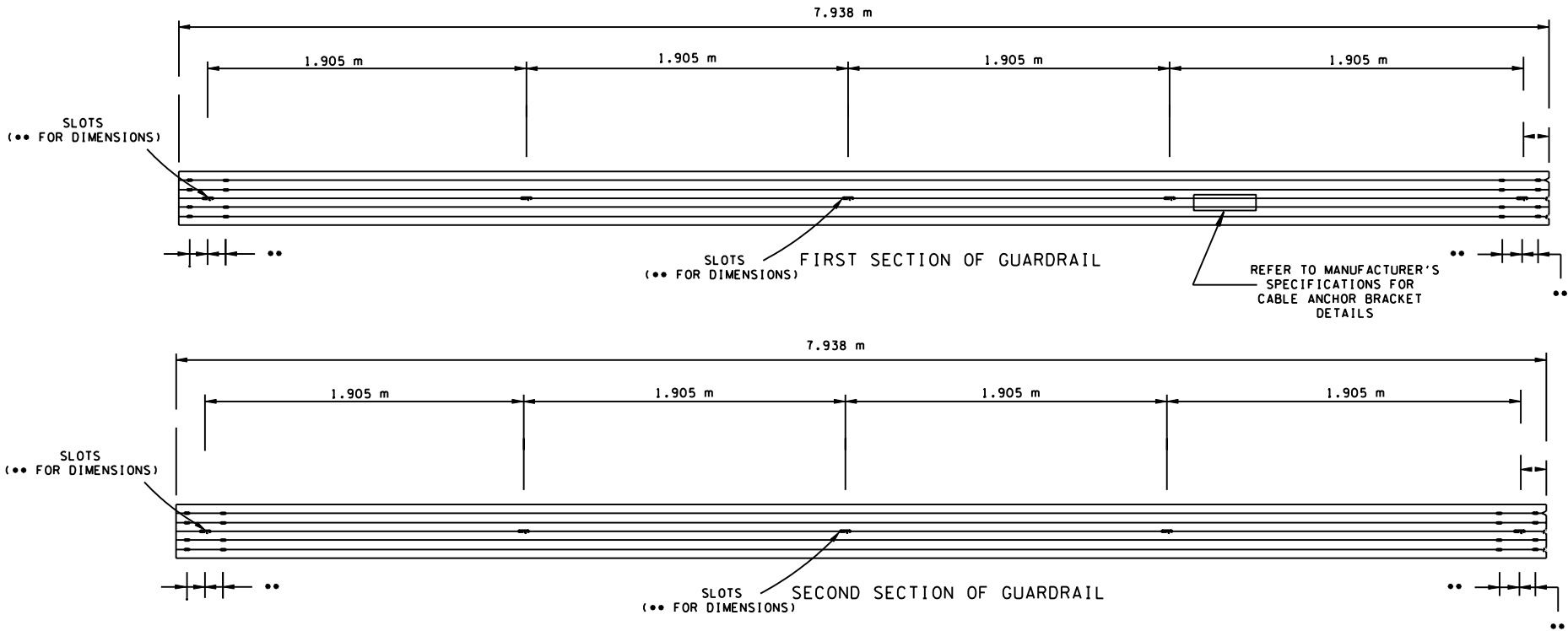
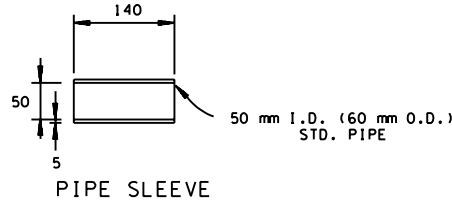


EXTRUDER/IMPACT HEAD W-BEAM GUARDRAIL ELEMENT DETAILS

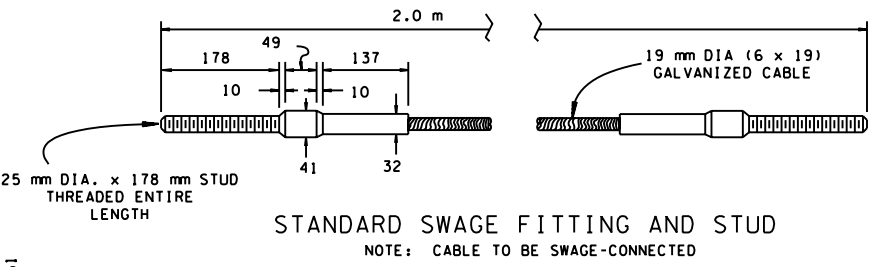
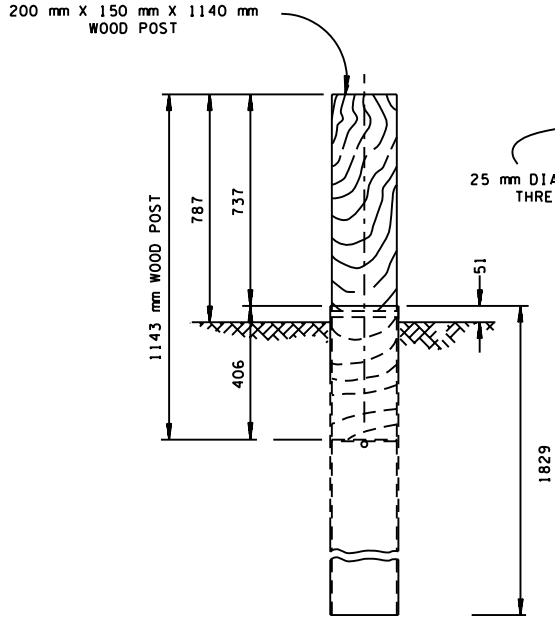


FOR BEARING PLATE PLACEMENT THE 127 mm SIDE SHOULD BE INSTALLED UP.

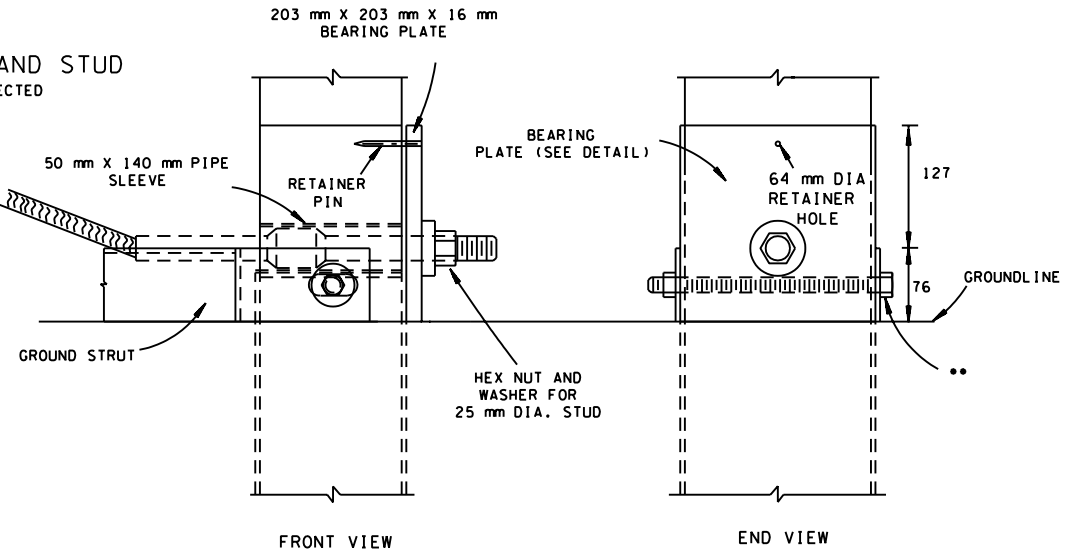


SPECIAL INSTALLATION NOTES
SEE SPECIAL INSTALLATION NOTES AND GENERAL NOTE D ON SM-GR-43

GENERAL NOTES
A THE NO. 1 AND NO. 2 BREAKAWAY POSTS WILL HAVE A 150 mm x 200 mm (NOMINAL) CROSS-SECTION AREA. ALL POSTS SHALL BE ERECTED SO THAT THE GUARDRAIL WILL HAVE A TOP-OF-RAIL HEIGHT OF 686 mm.
B ALL HOLES IN WOOD POSTS ARE TO BE DRILLED BEFORE PRESERVATIVE TREATMENT.
C ALL CUTTING, DRILLING, AND WELDING OF STEEL COMPONENTS SHALL BE DONE BEFORE GALVANIZING.
D THE FINISHED CABLE ASSEMBLY WILL NOT BE ACCEPTABLE UNLESS IT IS IN TENSION WITH NO SAG.
E SEE STANDARD DRAWING NOS. SM-GR-43 FOR ADDITIONAL DETAILS AND GENERAL NOTES.
F THE STEEL TUBES ARE TO BE DRIVEN INTO GROUND BEFORE THE WOODEN POSTS ARE INSERTED.
G A RETAINER PIN TO BE INSTALLED TO KEEP THE BEARING PLATE IN UPRIGHT POSITION ON WOOD POST DURING THE ASSEMBLY.



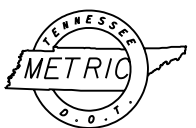
* MAY VARY DEPENDING ON TYPE AND MANUFACTURER. REFER TO SHOP DRAWINGS.



NO. 1 & 2 BREAKAWAY POSTS WITH TUBE SLEEVE (SEE GENERAL NOTE D ON SM-GR-43)

.. DENOTES "SEE MANUFACTURER'S SHOP DRAWINGS"

ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
TANGENTIAL GUARDRAIL TERMINAL ANCHOR (TYPE 38) (2 TUBE) GUARDRAIL ELEMENT POST AND ASSEMBLY DETAILS
SM-GR-44

ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.