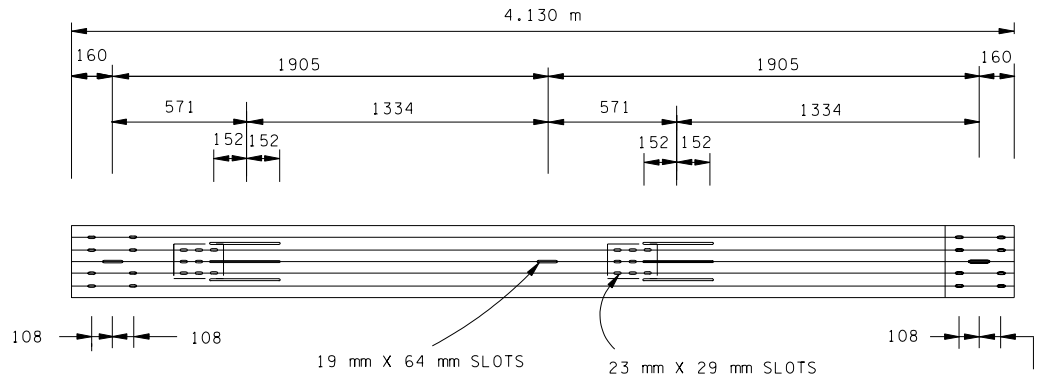
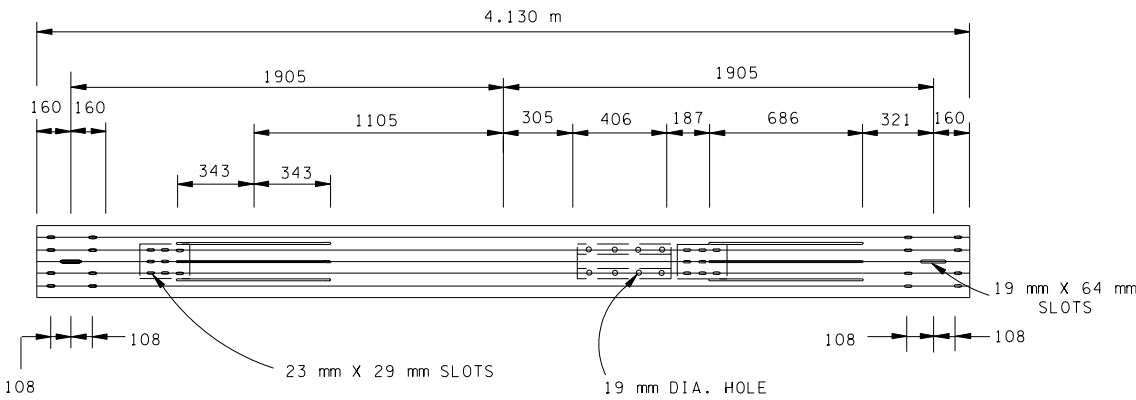


SLOTTED W-BEAM GUARDRAIL ELEMENT DETAILS

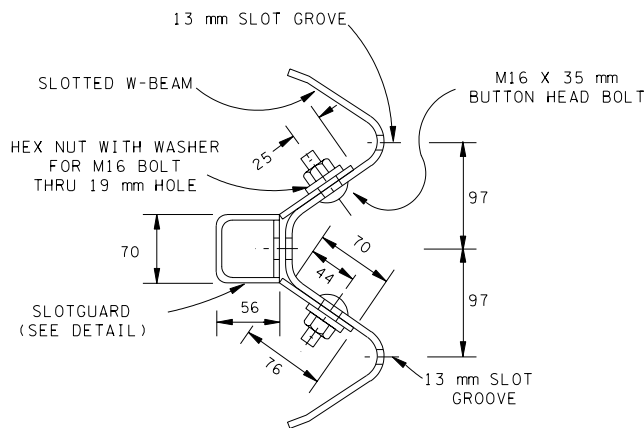
- REV. 11-1-95: CHANGED TO METRIC.
- REV. 5-27-98: REPLACED SHELF ANGLE DETAIL WITH BACK UP PLATE DETAIL. ADDED ADDITIONAL GUARDRAIL ELEMENT DETAIL.
- REV. 12-18-98: REMOVED GUARDRAIL AND GROUND STRUT DETATILS FOR GUARDRAIL TERMINAL ANCHOR - TYPE 22. CHANGED SHEET NAME.
- REV. 5-27-03: CORRECTED SPELLING IN SECTION "E-E".



SECOND SECTION OF GUARDRAIL
FOR TYPE 21 TERMINAL

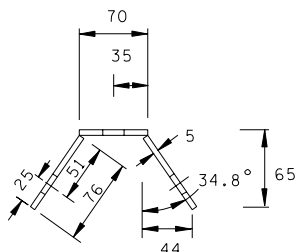


FIRST SECTION OF GUARDRAIL
FOR TYPE 21 TERMINALS

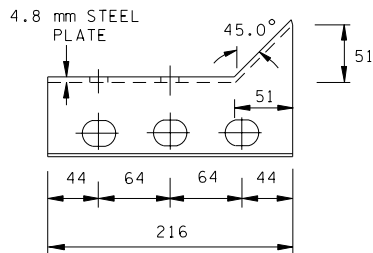


SECTION "E-E"
(SEE DRAWING NO. SM-GR-26)

NOTE: 8 - M16 X 35 mm BUTTON HEAD BOLTS AND NUTS REQUIRED FOR EACH SLOTGUARD ASSEMBLY.



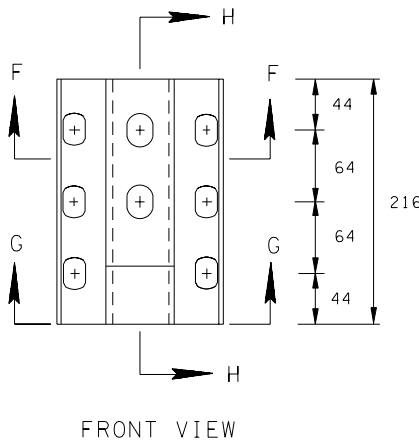
SECTION "F-F"



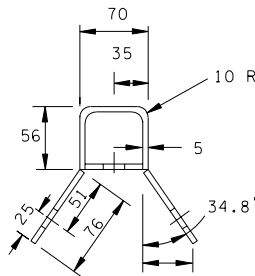
SECTION "H-H"

NOTE: ALL HOLES 23 mm X 29 mm DIAMETER

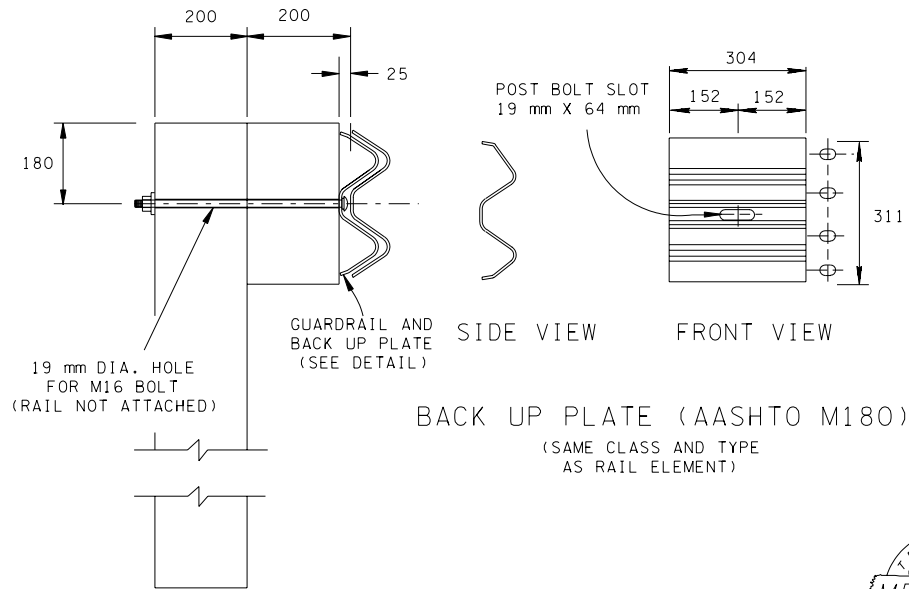
SLOTGUARD DETAIL



FRONT VIEW



SECTION "G-G"
SIDE VIEW



BACK UP PLATE (AASHTO M180)
(SAME CLASS AND TYPE AS RAIL ELEMENT)

GUARDRAIL WITH BACK UP
PLATE DETAIL



ALL UNITS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GUARDRAIL TERMINAL
ANCHOR (TYPE 21)
ELEMENT ASSEMBLY
DETAILS