## TO BE USED WITH S-GRT-1 ONLY WOOD OR -PLASTIC BLOCK-OUT SEE S-GRT-1 FOR THE LIMIT WOOD OR PLASTIC BLOCK-OUT SEE S-GRT-1 FOR THE LIMIT OF PAYMENT SEE NOTE (A) POST OF PAYMENT SEE NOTE (A) — P O S T STEEL PLATES STEEL PLATES GROUND LINE -GROUND LINE — BURIAL POINT BURIAL POINT ox V ≥ GROUND RUBRAIL-GROUND LINE POST (2) POST (1) POST (3) TYPICAL ELEVATION TYPICAL ELEVATION WITH WITH RUB RAIL SINGLE RAIL WITH RUBRAIL SINGLE RAIL ELEVATION VIEW ELEVATION VIEW √1″ DIA. HOLE 1"×1¾" SLOTS (TYP.)-POST-½" STEEL PLATE ½" STEEL PLATE GUARD- $\mathsf{RAIL}_{\neg}$ 3/4" DIA. (TYP) SQUARE WASHER RUBRAIL-PLAN NOTE: 1/4" THICK GALVANIZED STEEL 1" DIA. HOLES IN WOOD OR PLASTIC BLOCK-OUT RAIL AND THROUGH POST FLANGE FOR PARTIAL PLAN └**→** Ç POST 3RD BOLT; ATTACHED TO STEEL PLATE WITH 5%" DIA. HEX BOLTS, 2" LONG WITH SQUARE 1" DIA. HOLES IN POST RAIL AND THROUGH POST FLANGE; ATTACHED TO STEEL PLATE WITH 5/8" DIA. HEX BOLTS, 2" LONG STEEL PLATE BOLT PLATE TO POST ¾″DIA. HOLE IN WITH 5/8" DIA. HEX BOLTS 2" LONG NOTE: ½ "THICK GALVANIZED STEEL ALL HOLES TO BE DRILLED PRIOR TO GALVANIZING. WASHER POST FLANGE WITH SQUARE WASHER ¾″DIA.HOLE WITH HEX NUTS EACH SIDE 3⁄4″DIA. 3/4"DIA. GENERAL NOTES - POST HOLE(TYP.) HOLE(TYP.) A GUARDRAIL END TERMINAL SHALL BE CONSTRUCTED PER S-GRT-1. B COST OF ANCHOR TO BE INCLUDED IN THE COST OF ITEM NO. 705-04.02. 1"DIA.HOLE $\sim$ C ALL POSTS SHALL BE 6 FT. FOR SINGLE RAIL INSTALLATION AND 8' FOR WITH RUB RAIL RUBRAIL RUBRAIL ½" -STEEL STEEL PLATE PLATE ½" STEEL PLATE BOLT PLATE TO POST WITH 3 - 5/8" DIA. HEX BOLTS 2" LONG STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION WITH HEX NUTS POST HOLE PATTERN POST HOLE PATTERN ELEVATION FRONT VIEW ELEVATION FRONT VIEW GUARDRAIL ANCHOR FOR TYPE 12 TERMINAL POST (1) & (2) ANCHOR DETAIL (ALTERNATIVE)

POST (3) ANCHOR DETAIL

7-11-13 S-GRA-1A