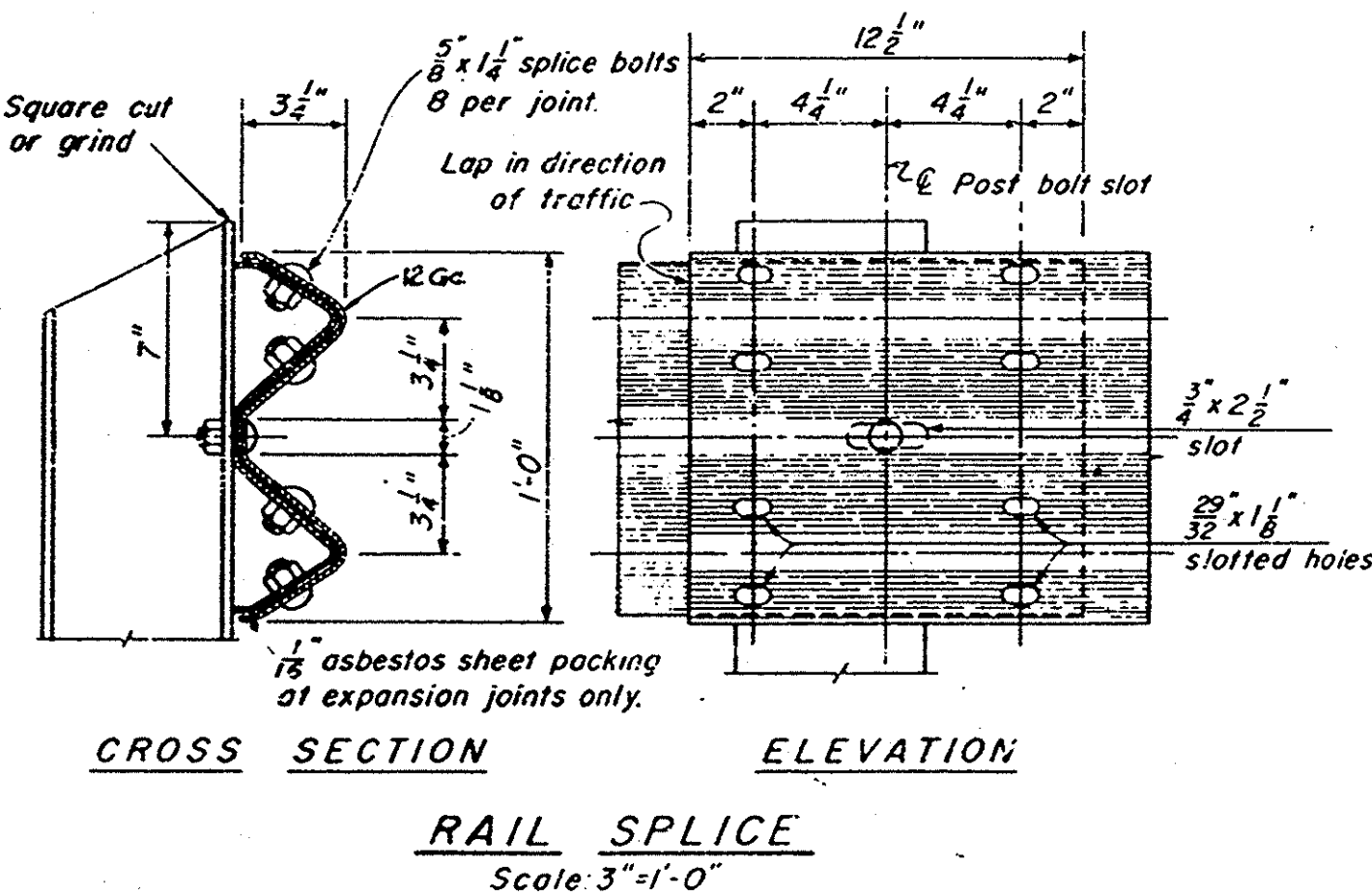
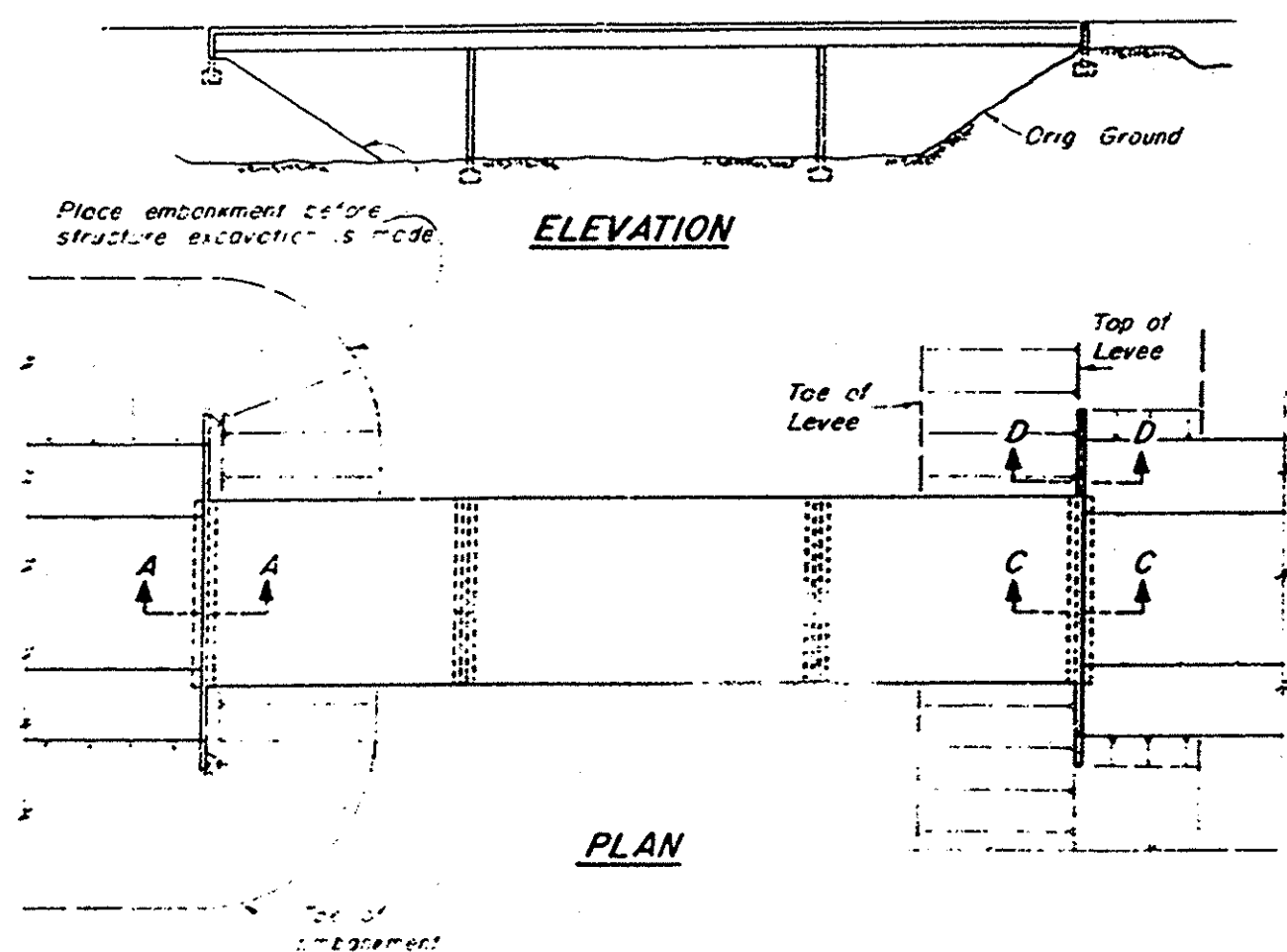
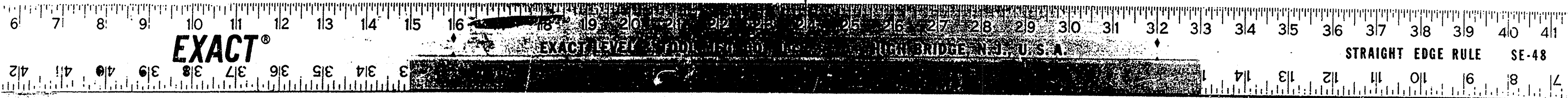




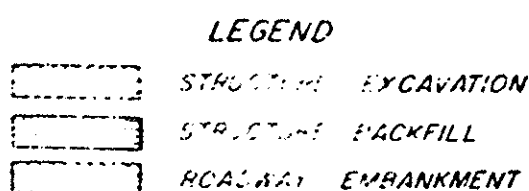
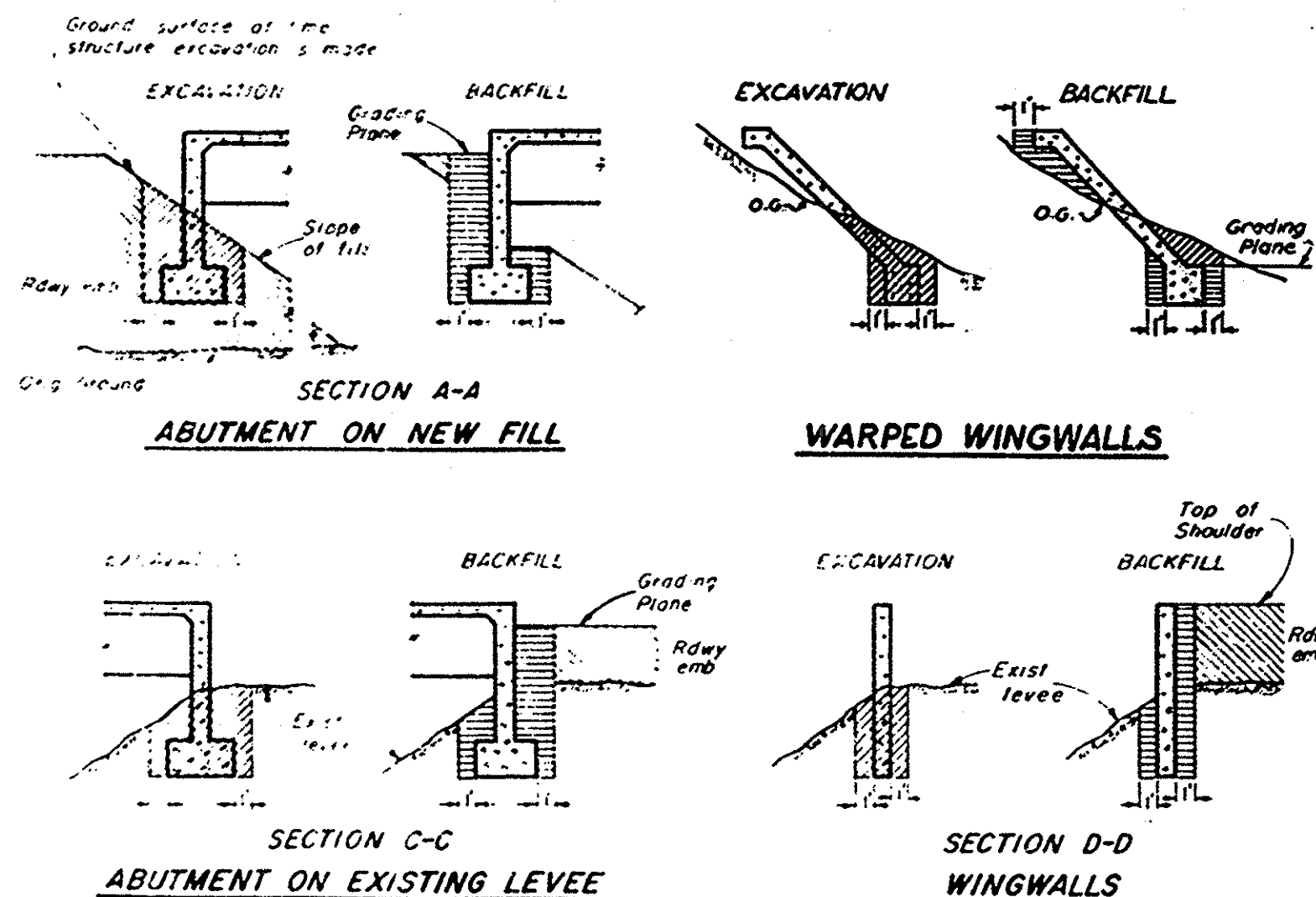
Notes:

At rail splice nearest expansion joint in bridge deck, slot holes in movable section of rail to allow same amount of movement as is provided in bridge deck. Place $\frac{1}{8}$ " asbestos sheet packing between rail elements. Adjust bolts to provide sliding fit and set threads.

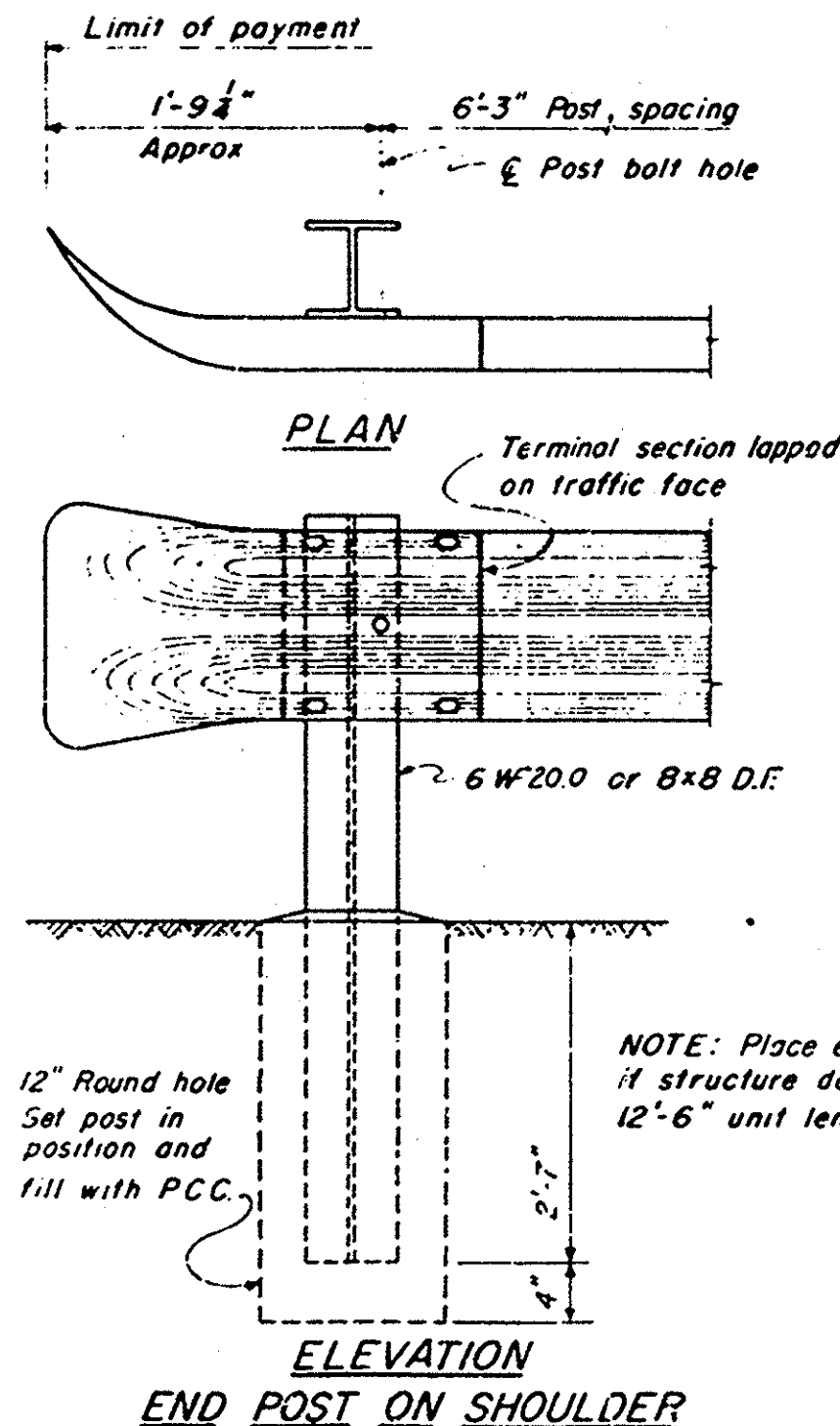
Use 3'-6" posts whenever possible. All anchor rods to have hex nuts. Provide lock washers for top anchor rods. Weld $2\frac{5}{8} \times 4 \times \frac{1}{4}$ plates on WF post, when using $\frac{1}{4}$ " anchor rods. Contractor to provide metal shims to align posts. Space posts to clear expansion joints by 1'-0" min. to E post. Posts and anchors to be galvanized after fabrication. Railings on retaining walls to be placed after walls are backfilled. Bend rods if necessary to maintain minimum clearance on superelevated slabs.

6H22.5 posts may be substituted for 6WF20.0 posts at Contractor's option

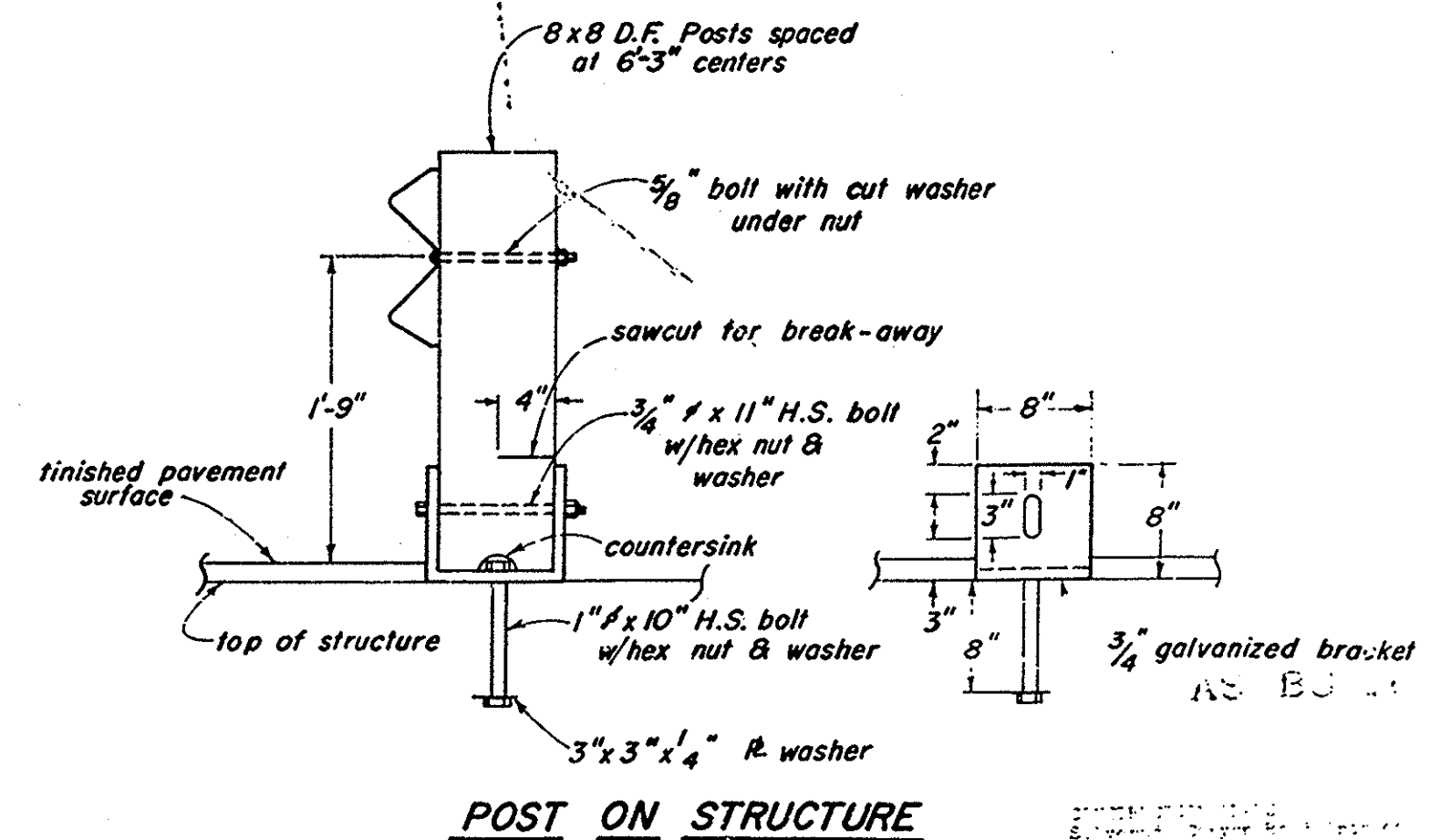
$2\frac{5}{8} \times 4 \times \frac{1}{4}$ plates shown on 6WF20.0 posts not required on 6H22.5 posts



STRUCTURE EXCAVATION & BACKFILL DETAILS



NOTE: Place end post on shoulder if structure does not accommodate 12'-6" unit length



METAL BEAM GUARD RAIL DETAILS

ORANGE COUNTY ROAD DEPARTMENT	
SILVERADO CYN. RD.	
BRIDGES SV-10, SV-14	
OVER	
SILVERADO CREEK	
GUARD RAIL & STRUCT.	
EX. & BACKFILL DETAIL	
AS NOTED	SHEET 3 OF 3