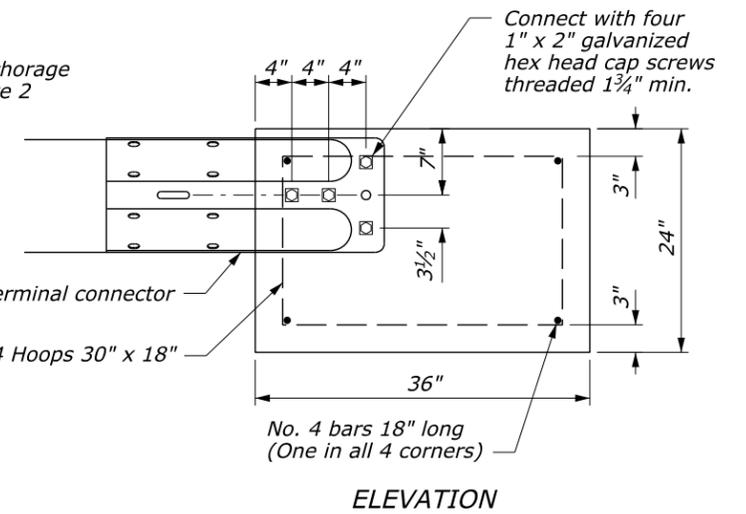
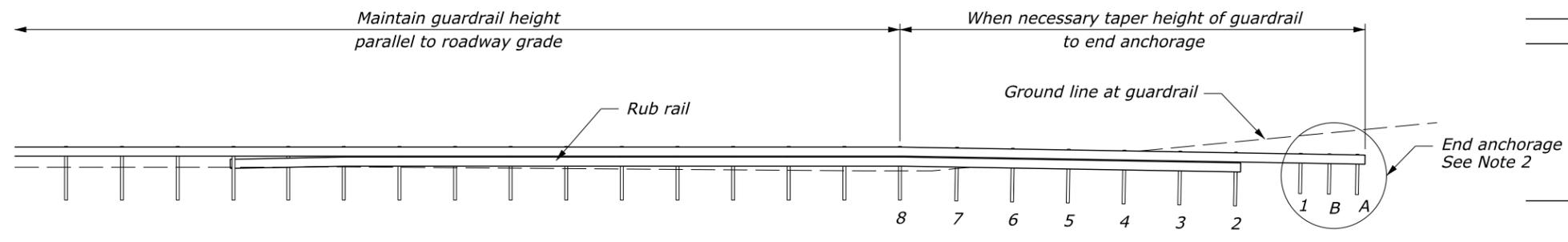
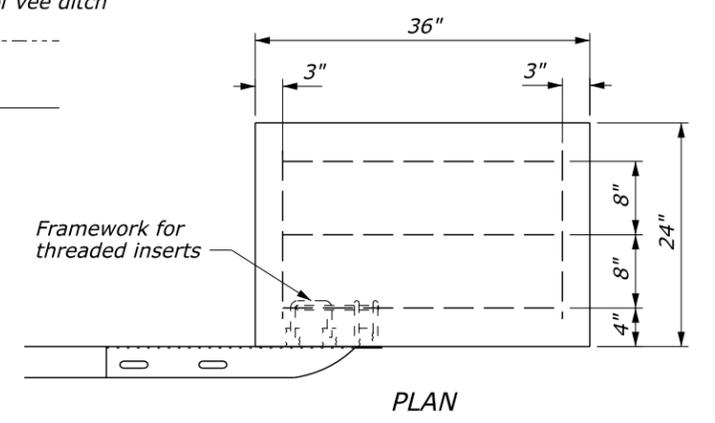


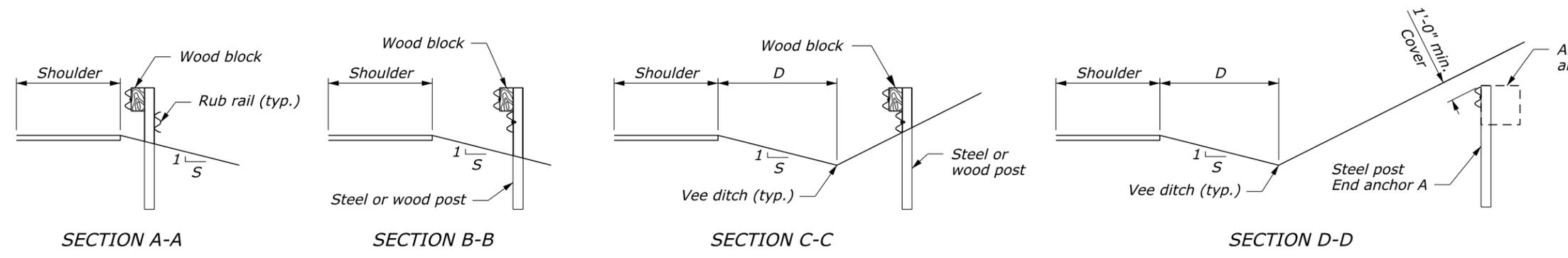
- NOTE:**
1. See sheet 2 of 2 for post and block details.
  2. When alternate concrete block anchor end terminal is used, remove Posts A and B.
  3. Add rub rail when clearance between bottom of rail and ground surface exceeds 17½\"/>



GUARDRAIL FLARE		
DESIGN SPEED MPH	F	
	S = 4	S = 6
70	13	15
60	13	13
55	13	12
50	13	11
45	13	10
35	13	9
≤ 30	13	7

CROSS SECTION DIMENSIONS	
DITCH SLOPE (S)	DITCH WIDTH (D)
4	6'-0"
6	8'-10"

POST OFFSETS FROM VEE DITCH	
POST	DISTANCE
A	8'
#2	5'
#4	3'
#8	0



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DETAIL

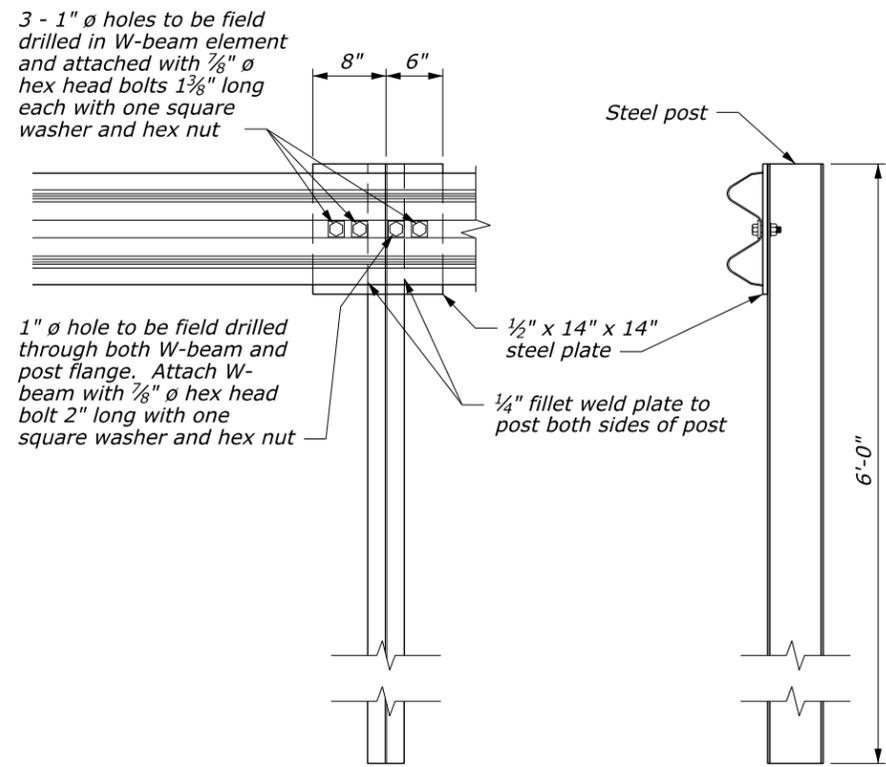
U.S. CUSTOMARY DETAIL  
**G4 W-BEAM GUARDRAIL  
 BACK SLOPE ANCHOR TERMINAL  
 TYPE G4-BAT**  
 Sheet 1 of 2

STANDARD APPROVED FOR USE 1/1994  
 REVISED: 4/1994 6/2005

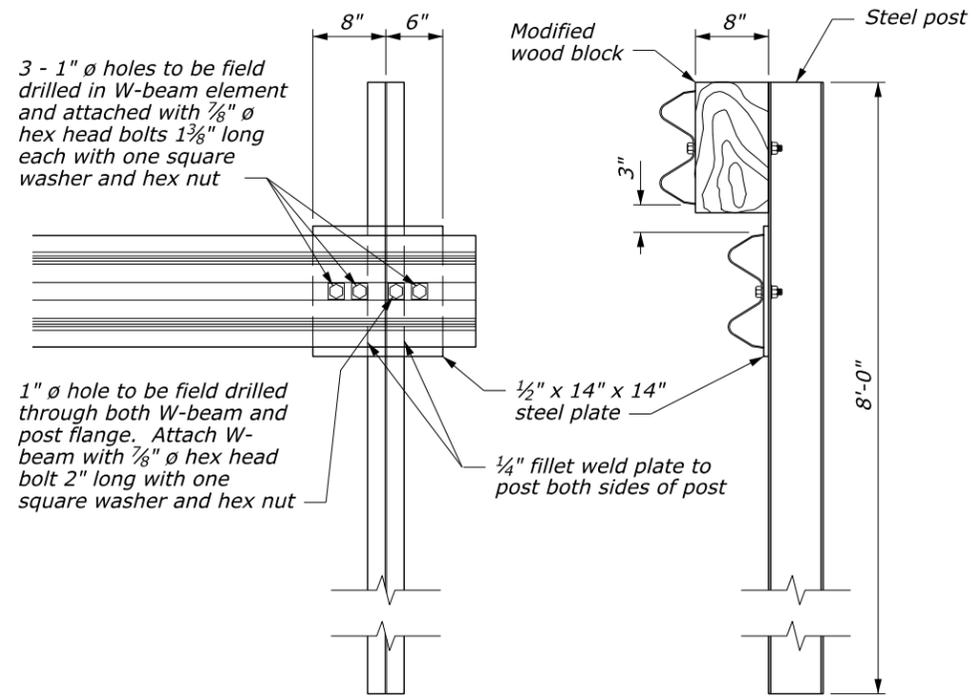
DETAIL  
 ET 617-17

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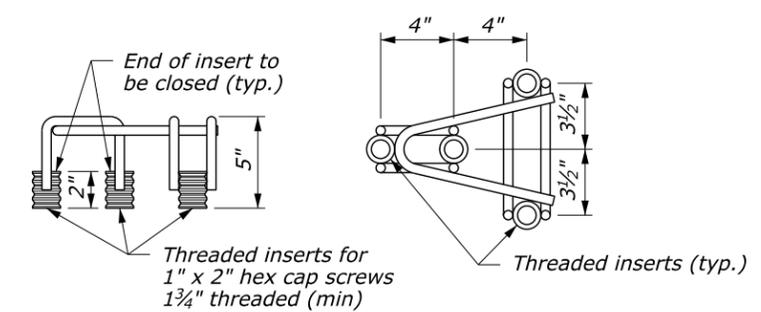
REG	STATE	PROJECT	SHEET NO.



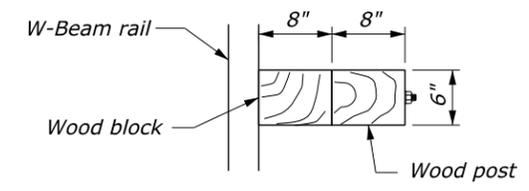
**SPECIAL RAIL TO POST CONNECTION AT POSTS A, B, AND 1**



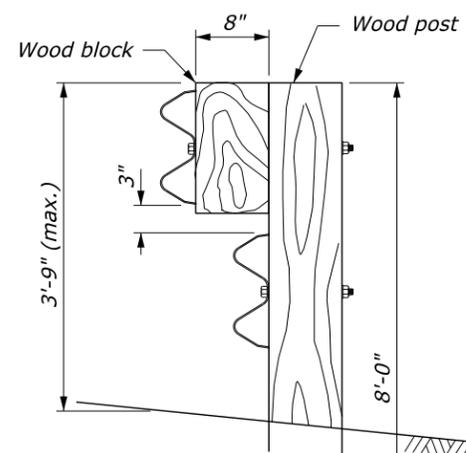
**SPECIAL RUBRAIL TO POST CONNECTION AT POST 2**



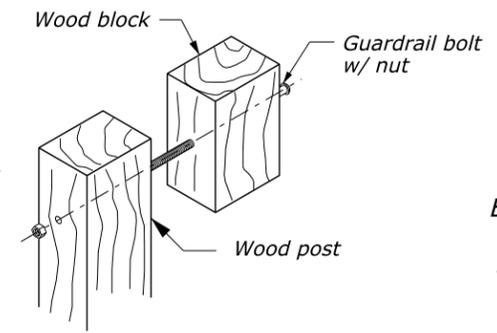
**FRAMEWORK FOR THREADED INSERTS**



PLAN

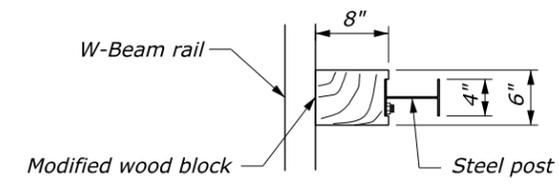


ELEVATION

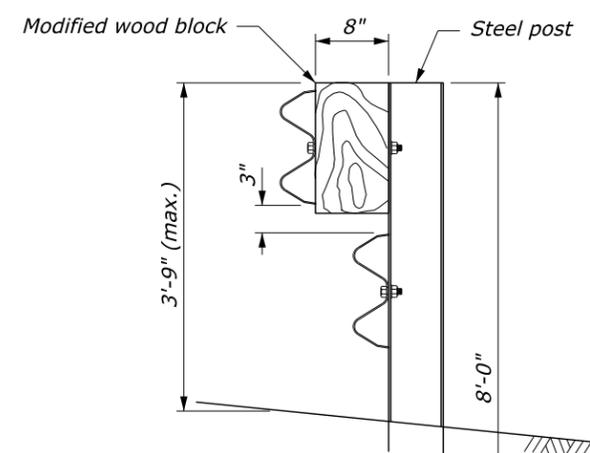


EXPLODED VIEW (Rail and washer not shown)

**WOOD POST AND BLOCK DETAIL**

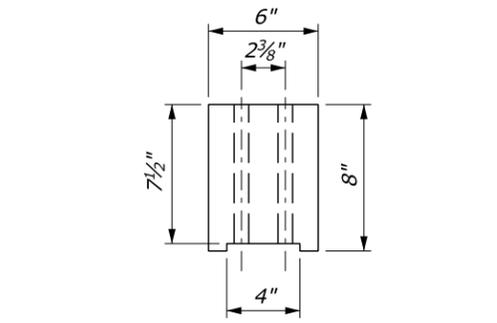


PLAN

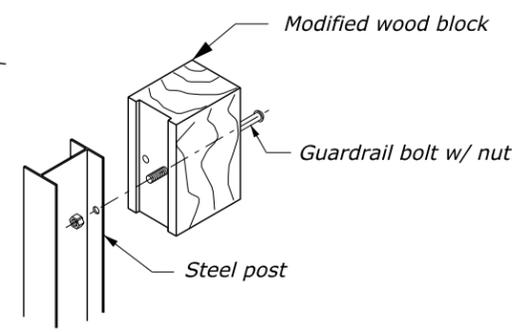


ELEVATION

**STEEL POST AND BLOCK DETAIL**



**MODIFIED WOOD BLOCK**



EXPLODED VIEW (Rail and washer not shown)

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY DETAIL  
**G4 W-BEAM GUARDRAIL  
BACK SLOPE ANCHOR TERMINAL  
TYPE G4-BAT**  
Sheet 2 of 2

STANDARD APPROVED FOR USE 1/1994  
REVISED: 4/1994 6/2005

DETAIL  
ET 617-17

NO SCALE

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