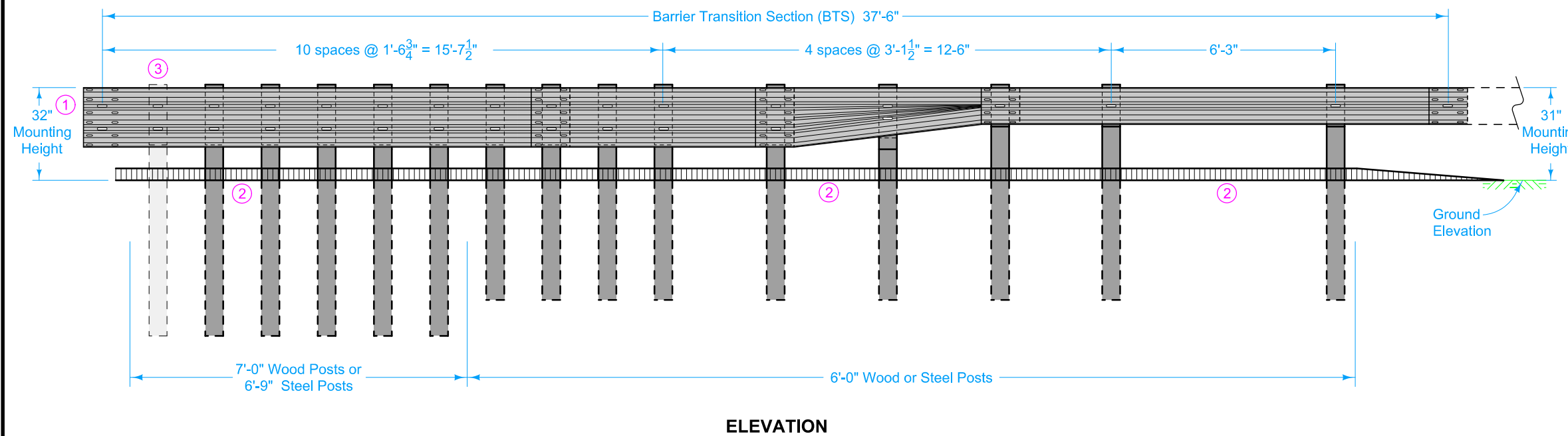
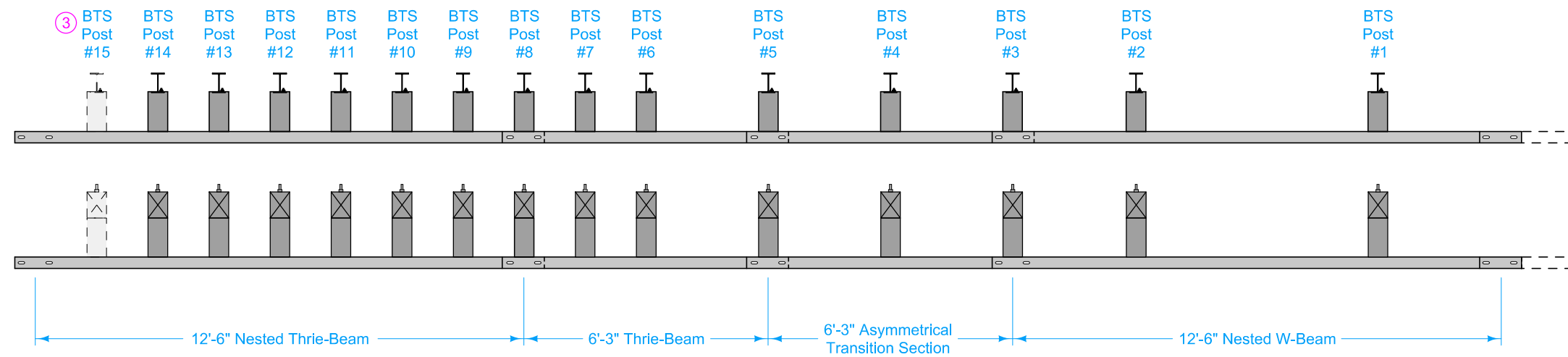


DESIGNER INFORMATION

At Bridge End Drains, cut Scour Protection (Transition Mat and Turf Reinforcement Mat) or remove rock as required to place post(s) such that Bridge End Drains abut post(s).

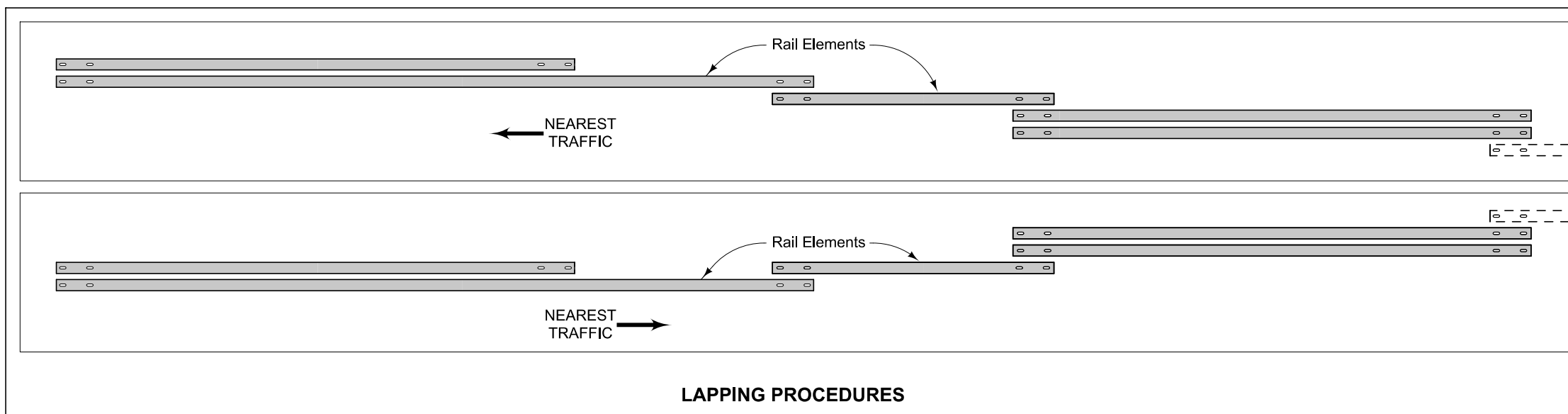
- ① Guardrail mounting height at barrier connection is 32 inches. Transition guardrail mounting height down to 31 inches at BTS Post #3.
- ② Possible 4 inch sloped curb. See project plans. Refer to PV-102 for curb and runout details.
- ③ Depending on end anchor type, BTS Post #15 may be eliminated or modified. See BA-202.



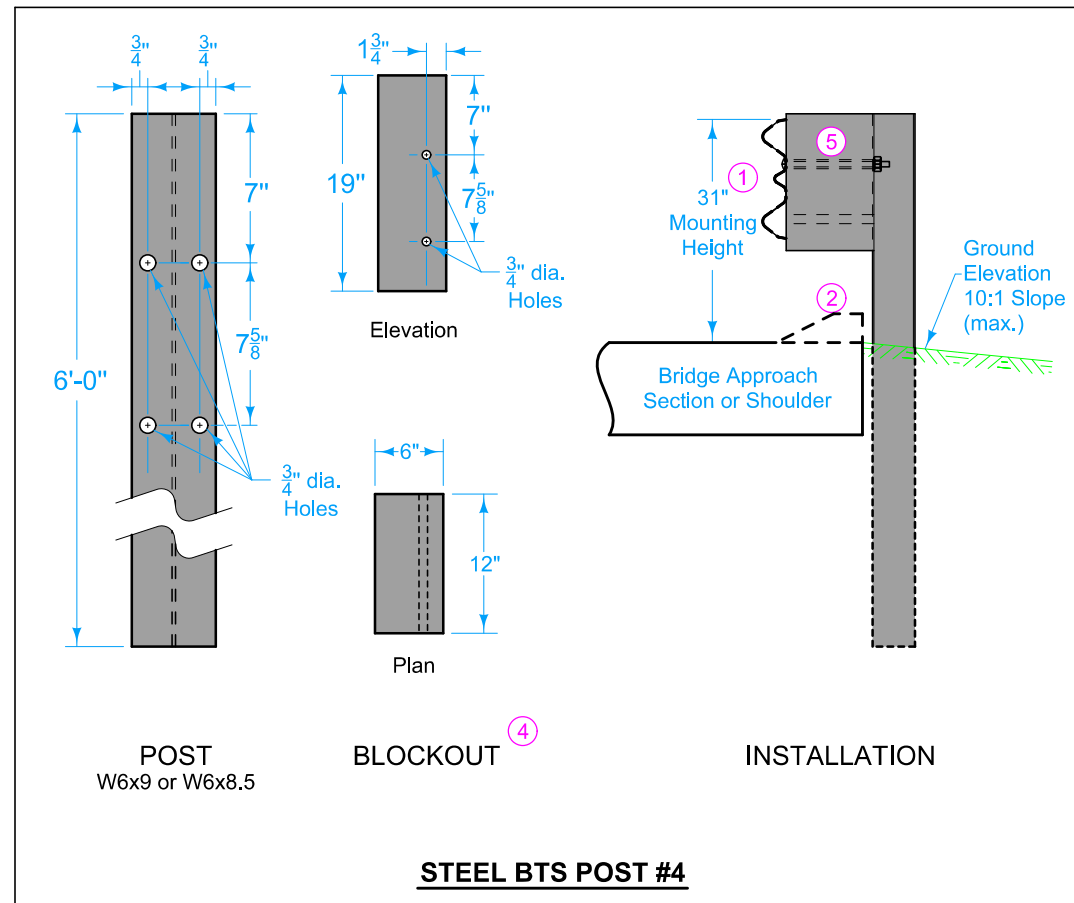
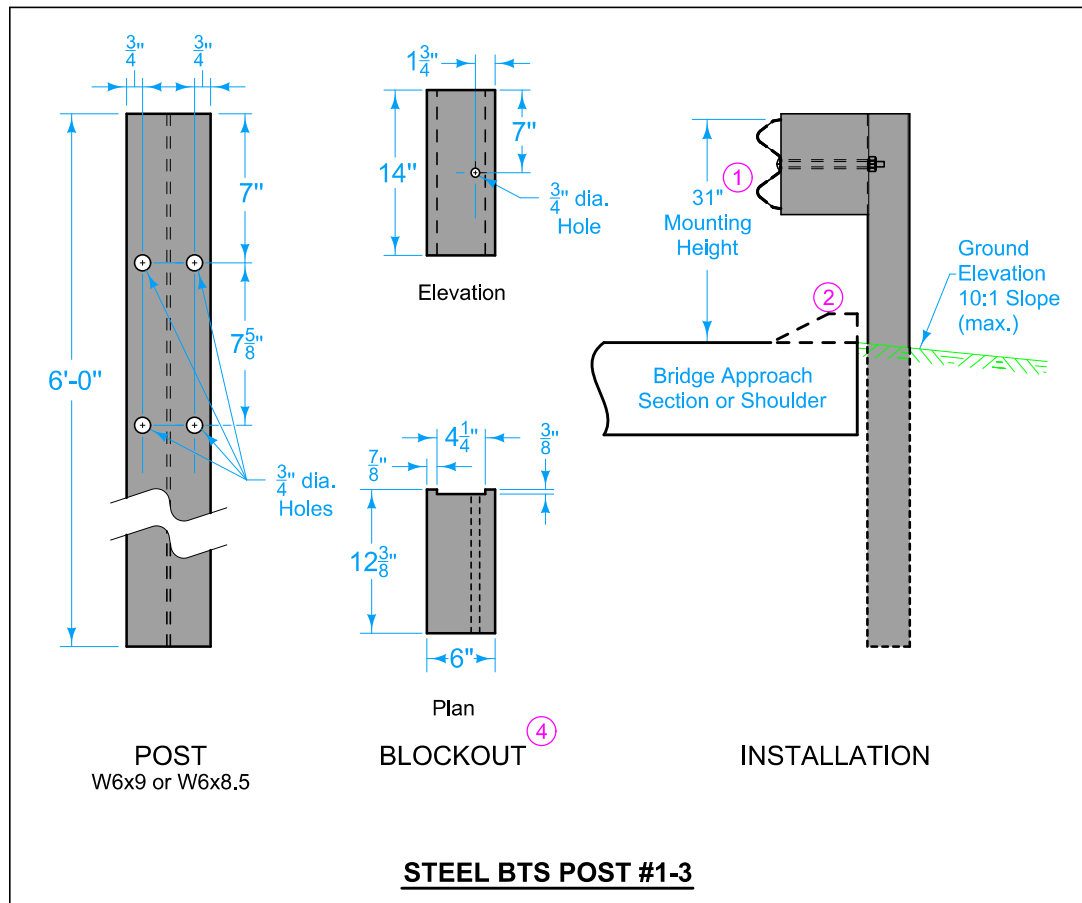
Possible Contract Item:
Steel Beam Guardrail Barrier Transition Section, BA-201

- Materials included in the Contract Item:
- Steel Post Option:
 - (9) W6x9 x 6'-0" posts
 - (6) 6" x 8" x 6'-9" posts
 - (12) 6" x 12" x 19" blockouts
 - (3) 6" x 12" x 14" blockouts
 - Wood Post Option:
 - (9) 6" x 8" x 6'-0" posts
 - (6) 6" x 8" x 7'-0" posts
 - (12) 6" x 12" x 19" blockouts
 - (3) 6" x 12" x 14" blockouts
 - (1) Asymmetrical Transition Section
 - (2) 12'-6" Thrie-Beam rail sections*
 - (1) 6'-3" Thrie-Beam rail section*
 - (2) 12'-6" W-Beam rail sections
- Approved bolts, nuts, and washers
Refer to BA-200 for guardrail components

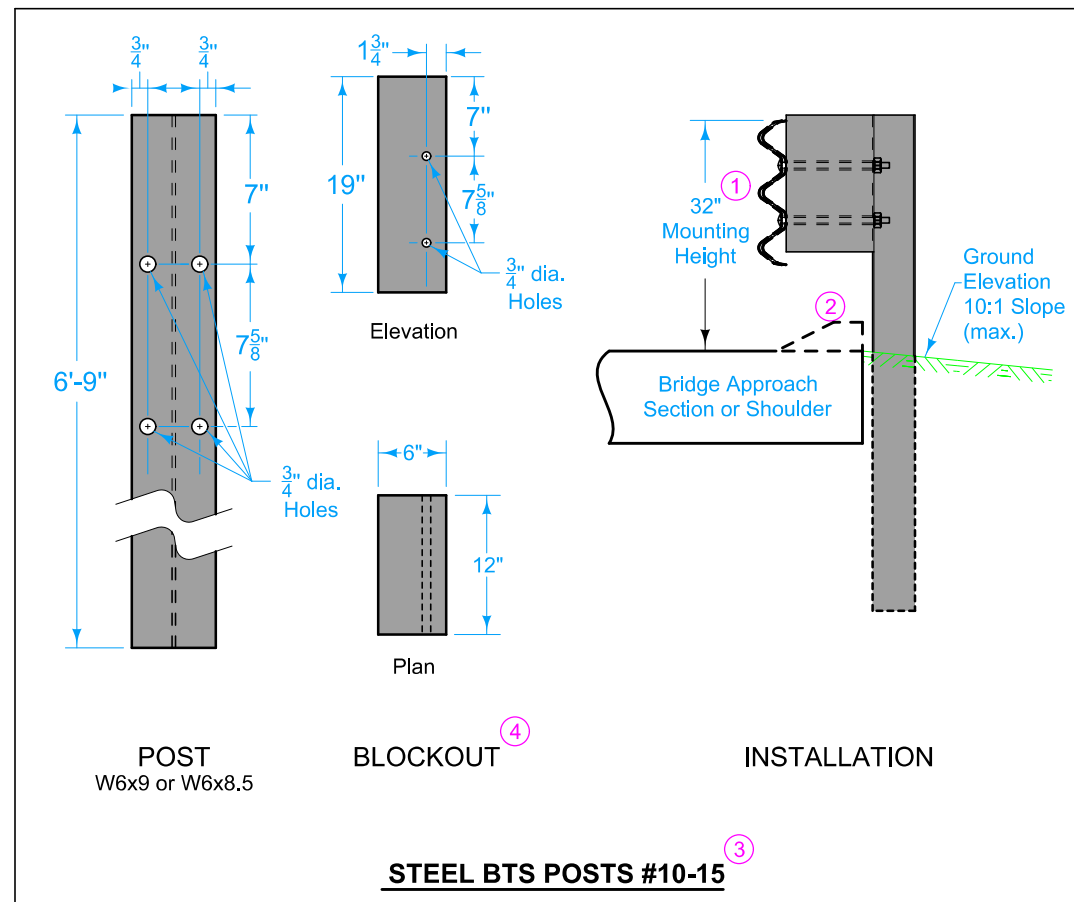
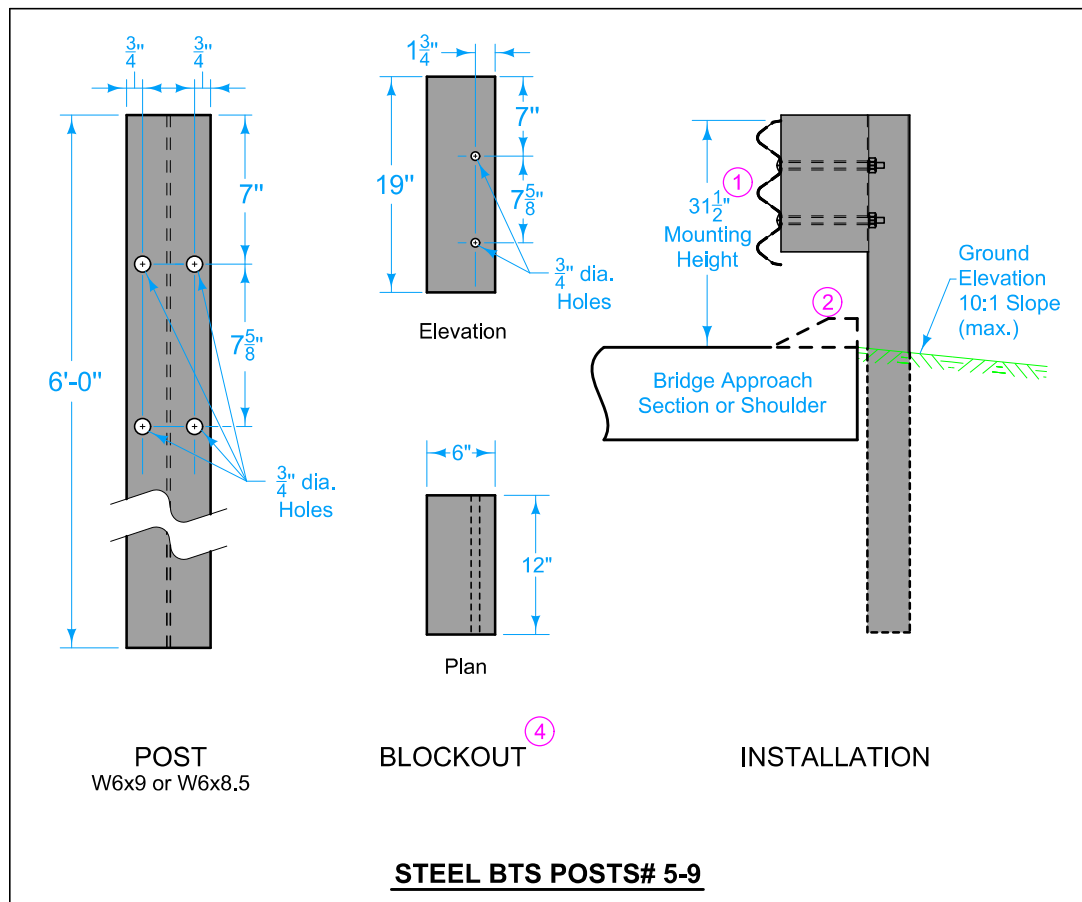
* One 18'-9" Thrie-Beam rail section may be substituted for one of the 12'-6" sections and the 6'-3" section as shown



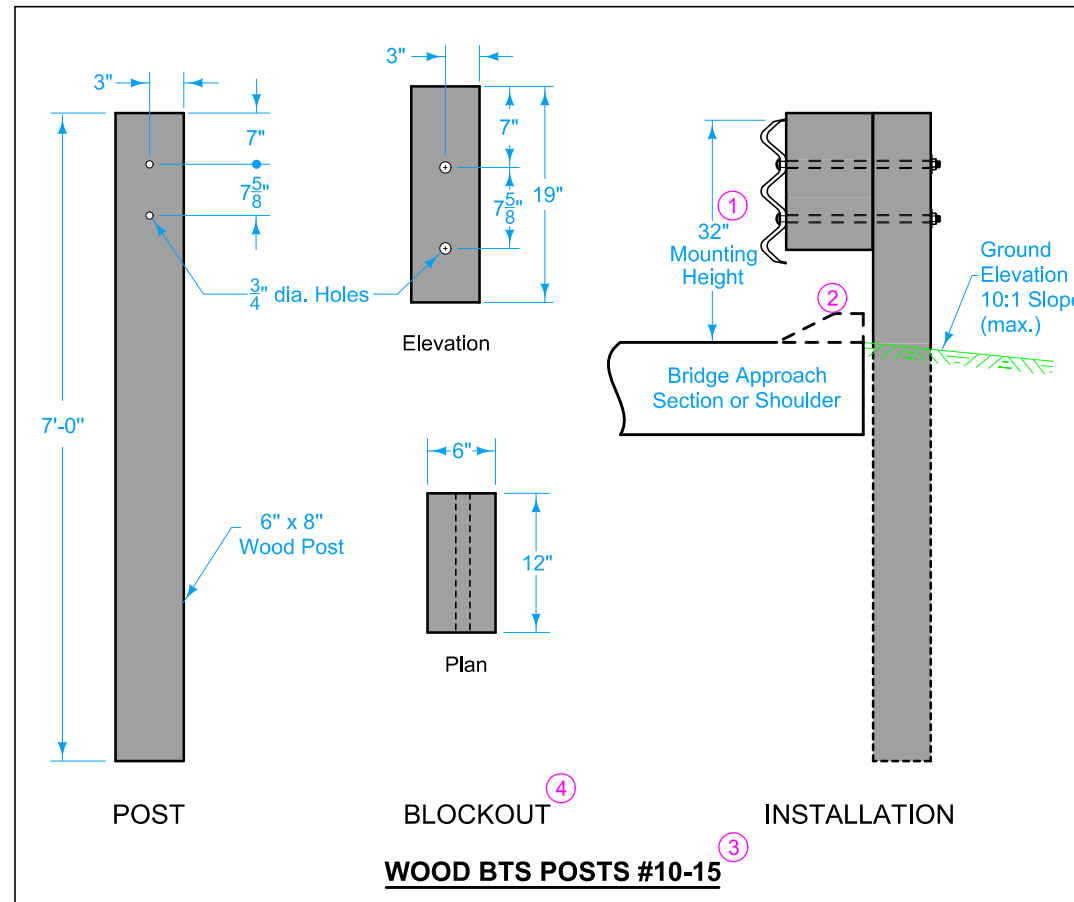
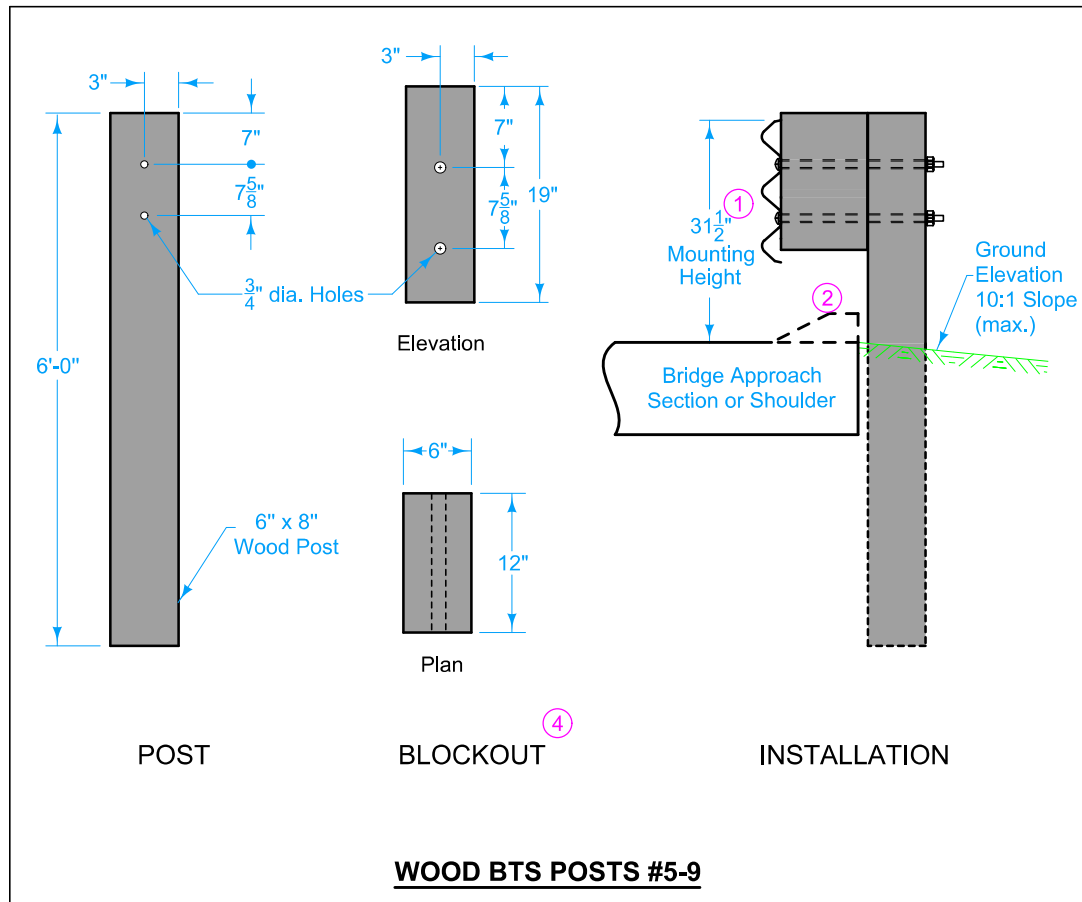
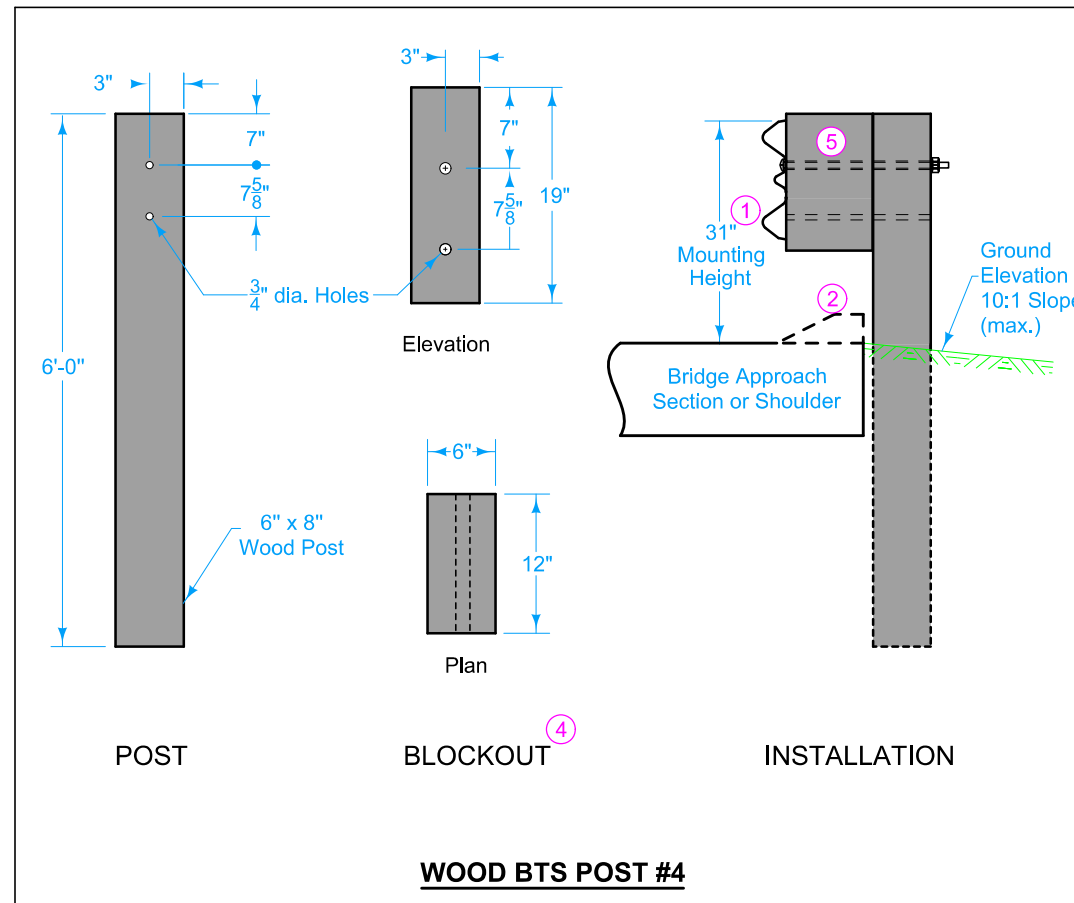
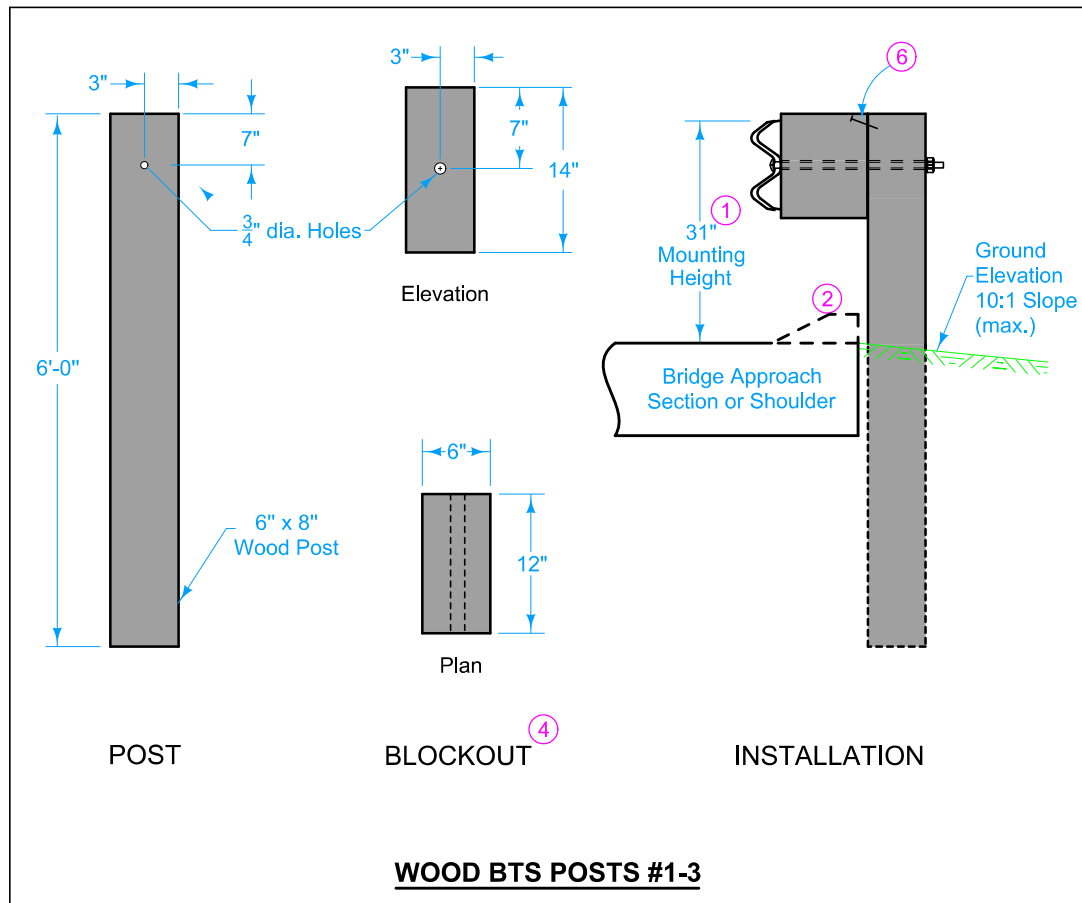
	REVISION	
	7	10-18-22
STANDARD ROAD PLAN		BA-201
		SHEET 1 of 3
REVISIONS: Revised curb note.		
APPROVED BY DESIGN METHODS ENGINEER		
STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION (MASH TL-3)		



- ① Guardrail mounting height at barrier connection is 32 inches. Transition guardrail mounting height down to 31 inches at BTS Post #3.
- ② Possible 4 inch sloped curb. See project plans. Refer to PV-102 for curb and runout details.
- ③ Depending on end anchor type, BTS Post #15 may be eliminated or modified. See BA-202.
- ④ Wood or composite only. Steel blockouts will not be allowed.
- ⑤ Place bolt in top hole only.



 STANDARD ROAD PLAN	REVISION	
	7	10-18-22
	BA-201	
SHEET 2 of 3		
REVISIONS: Revised curb note.		
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>		
STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION (MASH TL-3)		



- ① Guardrail mounting height at barrier connection is 32 inches. Transition guardrail mounting height down to 31 inches at BTS Post #3.
- ② Possible 4 inch sloped curb. See project plans. Refer to PV-102 for curb and runout details.
- ③ Depending on end anchor type, BTS Post #15 may be eliminated or modified. See BA-202.
- ④ Wood or composite only. Steel blockouts will not be allowed.
- ⑤ Place bolt in top hole only.
- ⑥ 16d nail to prevent blockout rotation.

 STANDARD ROAD PLAN	REVISION	
	7	10-18-22
	BA-201	
SHEET 3 of 3		
REVISIONS: Revised curb note.		
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>		
STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION (MASH TL-3)		