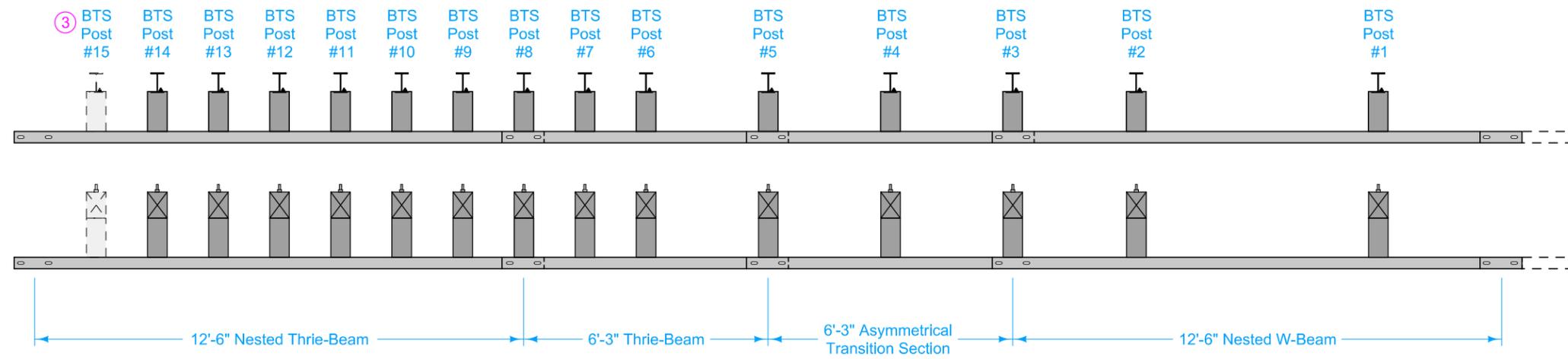
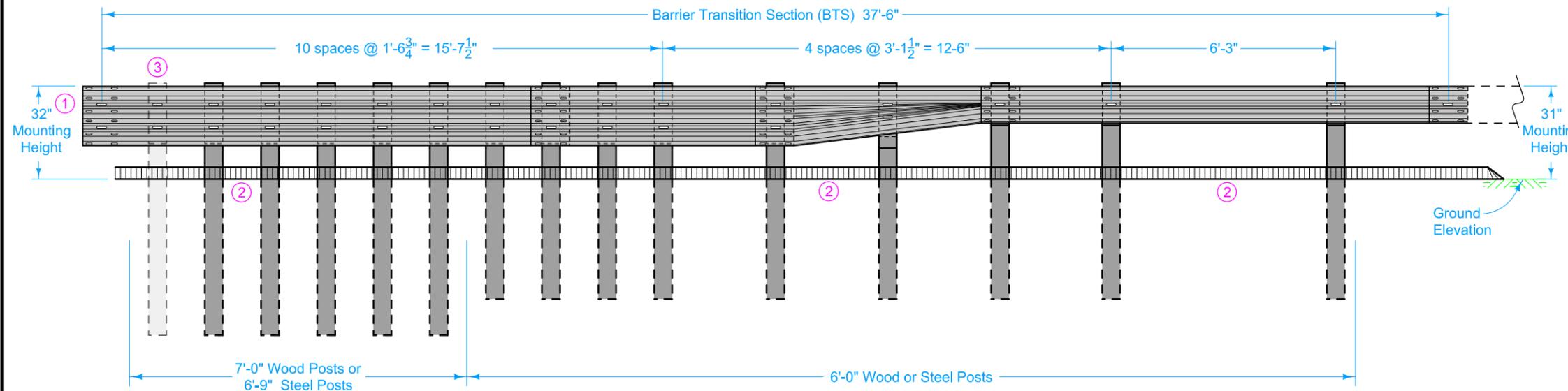


At Bridge End Drains, cut Scour Protection (Transition Mat and Turf Reinforcement Mat) or remove rock as required to place post(s) such that Bridge End Drains abut post(s).

- 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.
- ③ Depending on end anchor type, BTS Post #15 may be eliminated or modified. See BA-202.



PLAN



ELEVATION

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*

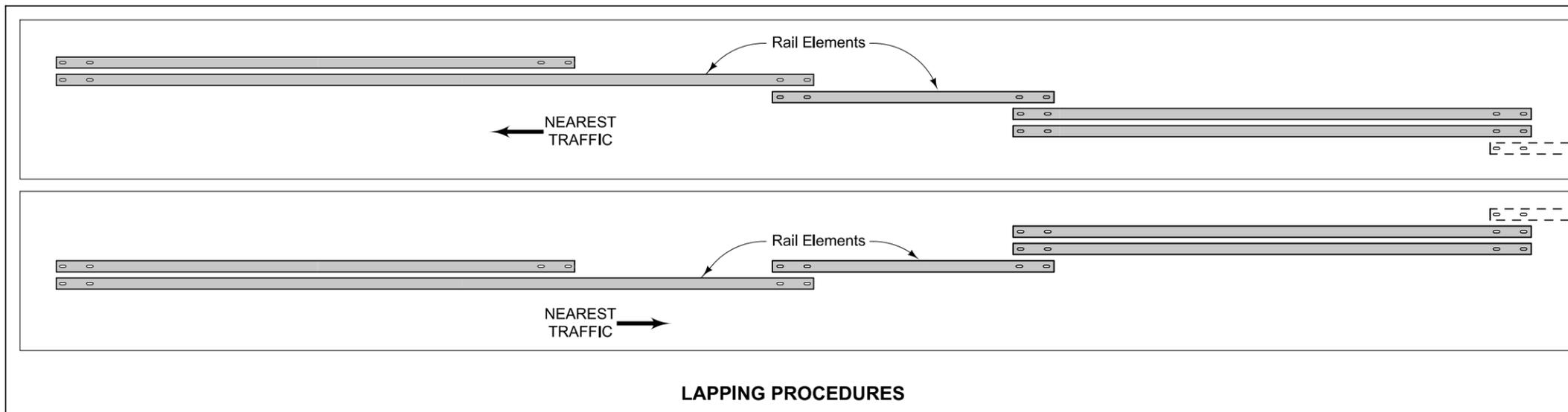
(1) 6'-3" Thrie-Beam rail section*

(2) 12'-6" W-Beam rail sections

Approved bolts, nuts, and washers

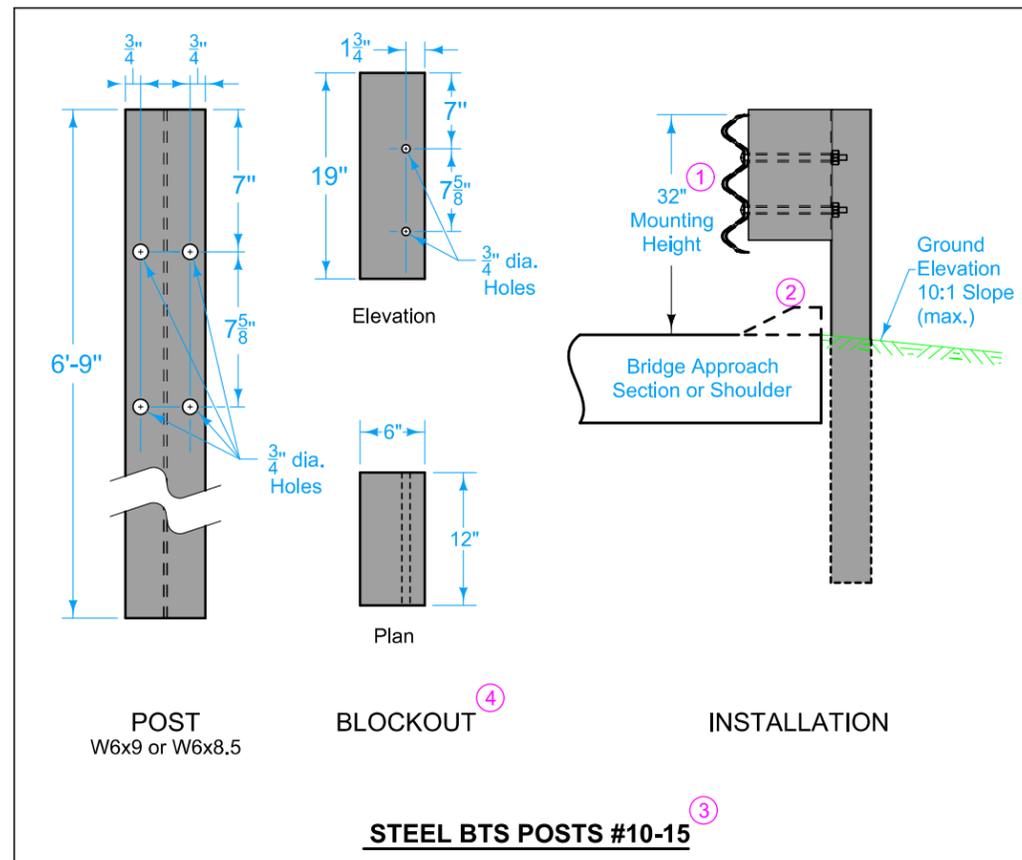
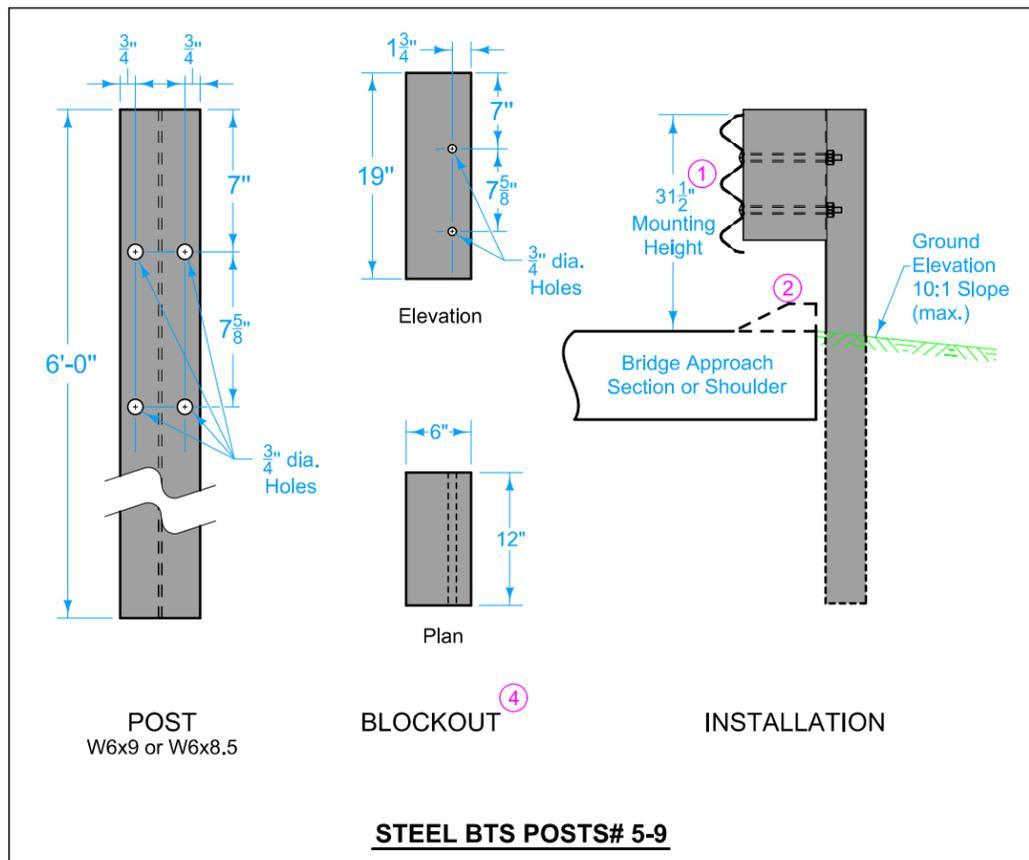
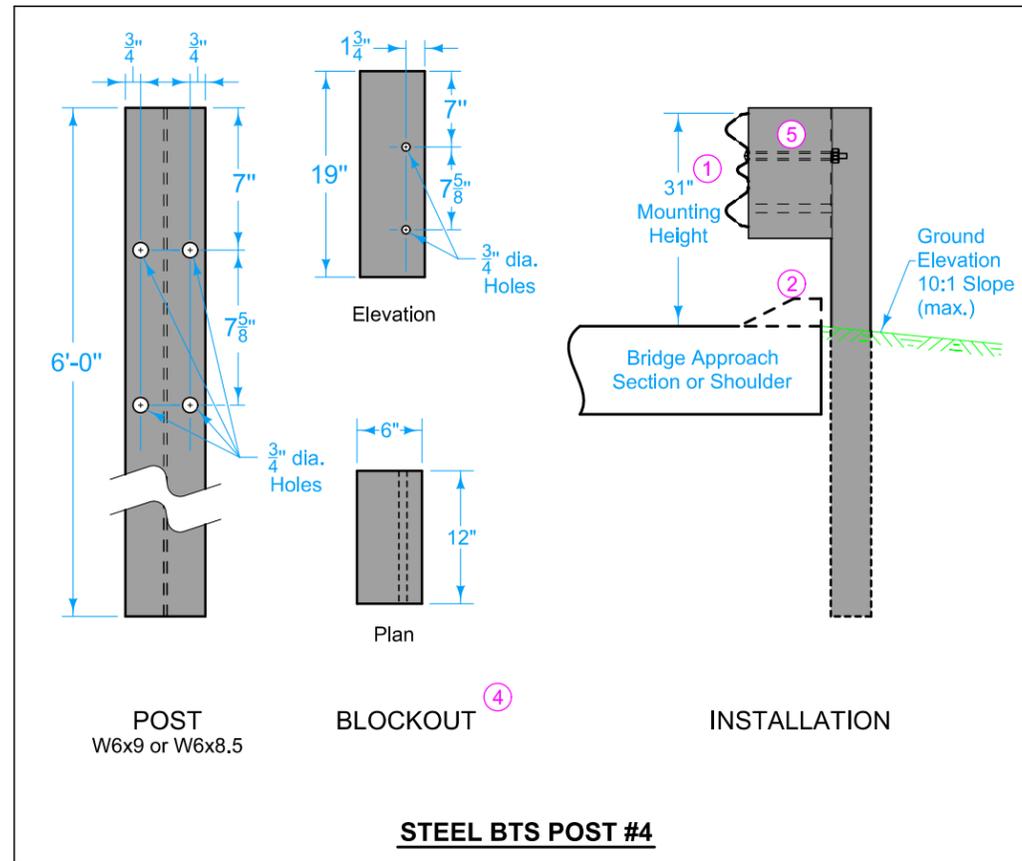
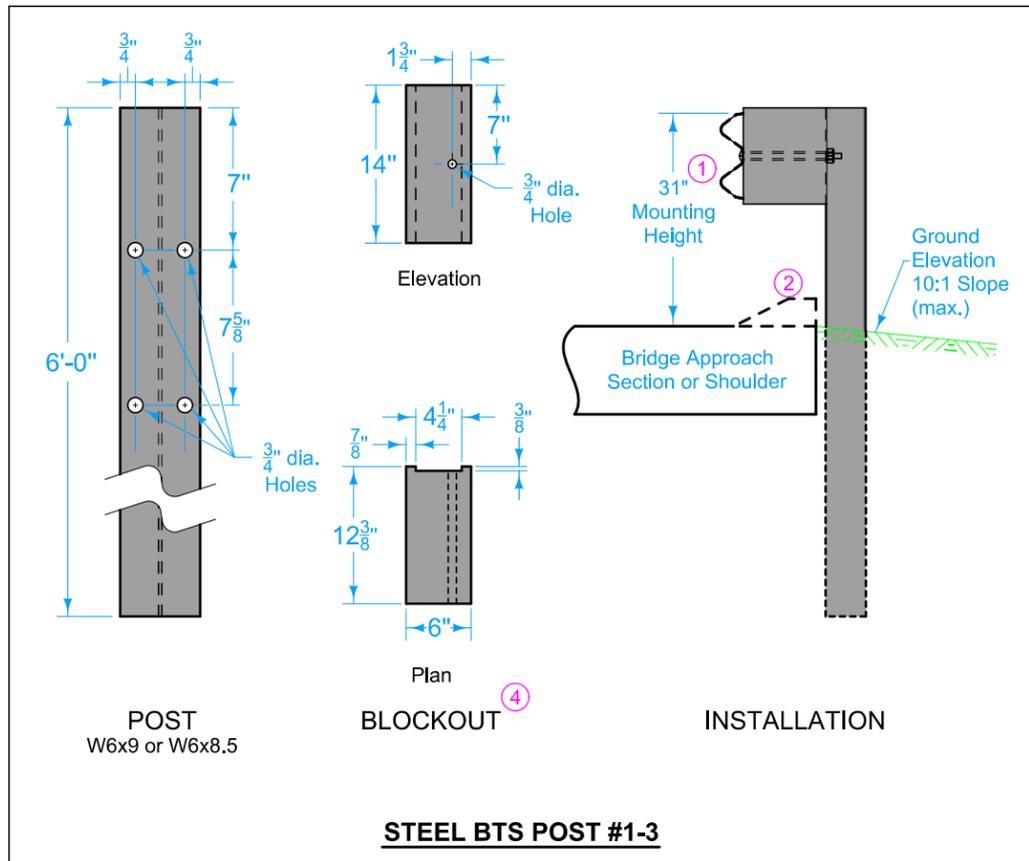
Refer to BA-200 for guardrail components

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



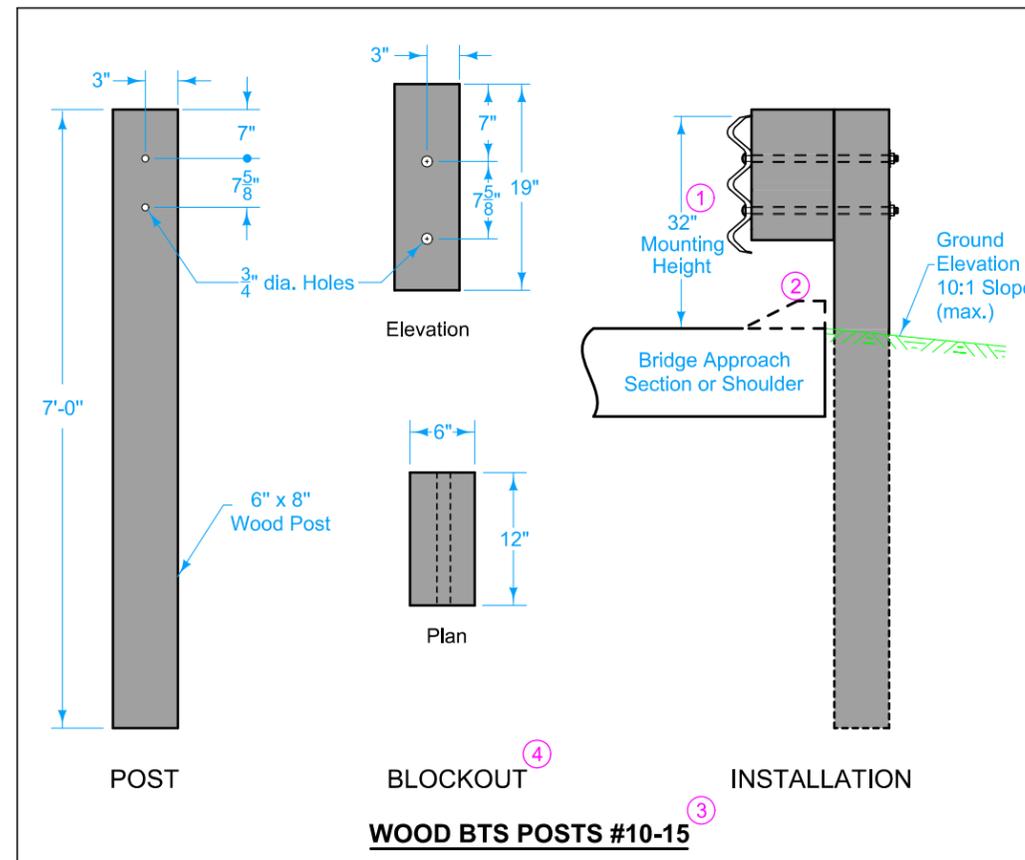
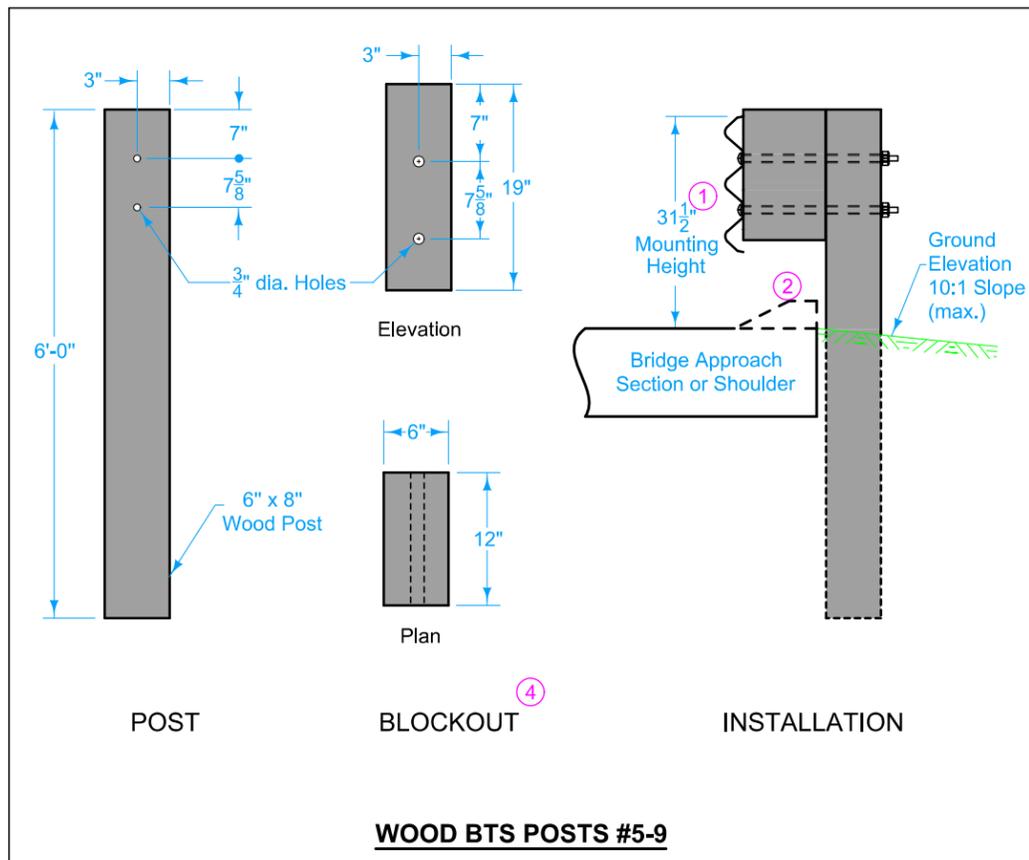
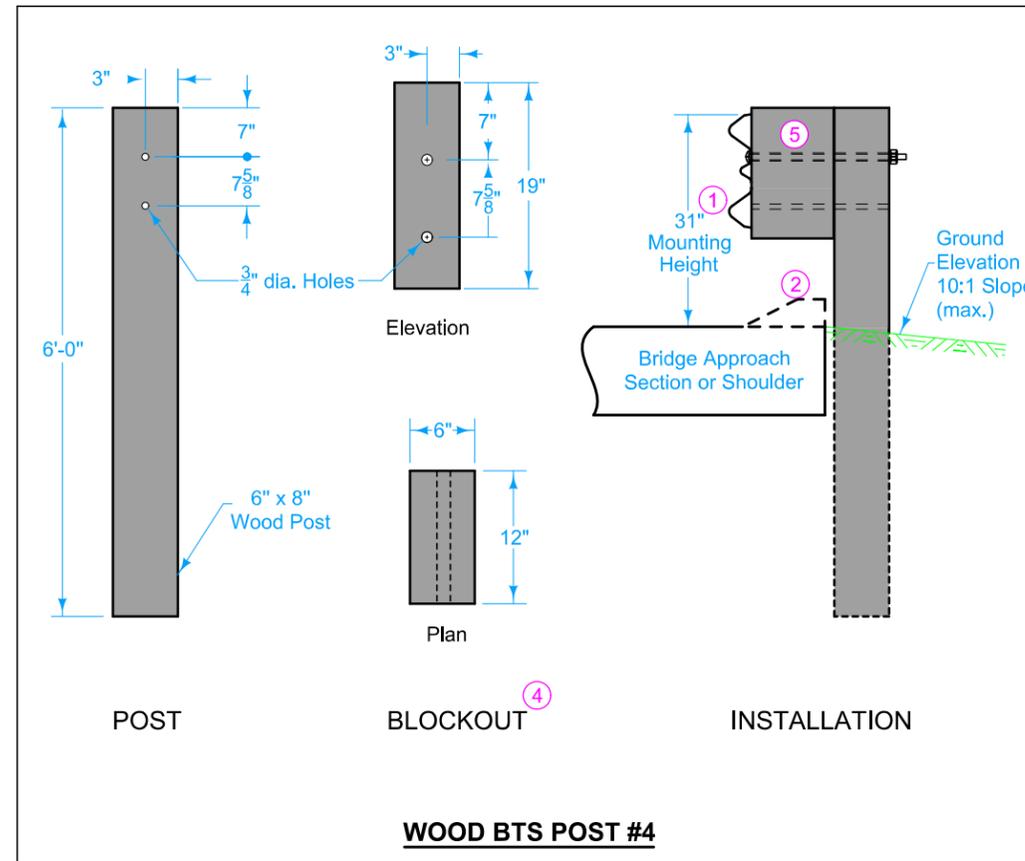
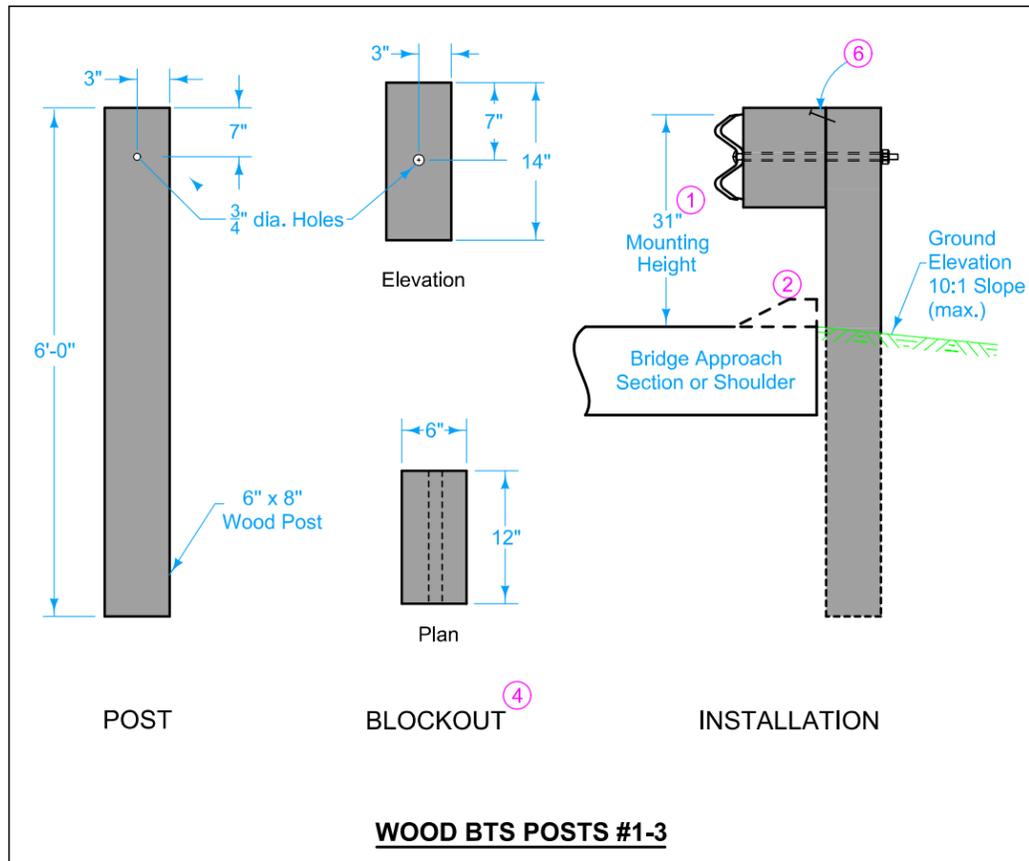
LAPPING PROCEDURES

	REVISION	
	6	04-19-22
STANDARD ROAD PLAN		BA-201
REVISIONS: Revised materials note.		SHEET 1 of 3
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.
- 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	
	6	04-19-22
	BA-201	
SHEET 2 of 3		
REVISIONS: Revised materials 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.
- 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.

	REVISION	
	6	04-19-22
STANDARD ROAD PLAN		BA-201
		SHEET 3 of 3
REVISIONS: Revised materials note.		
APPROVED BY DESIGN METHODS ENGINEER		
STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION (MASH TL-3)		