

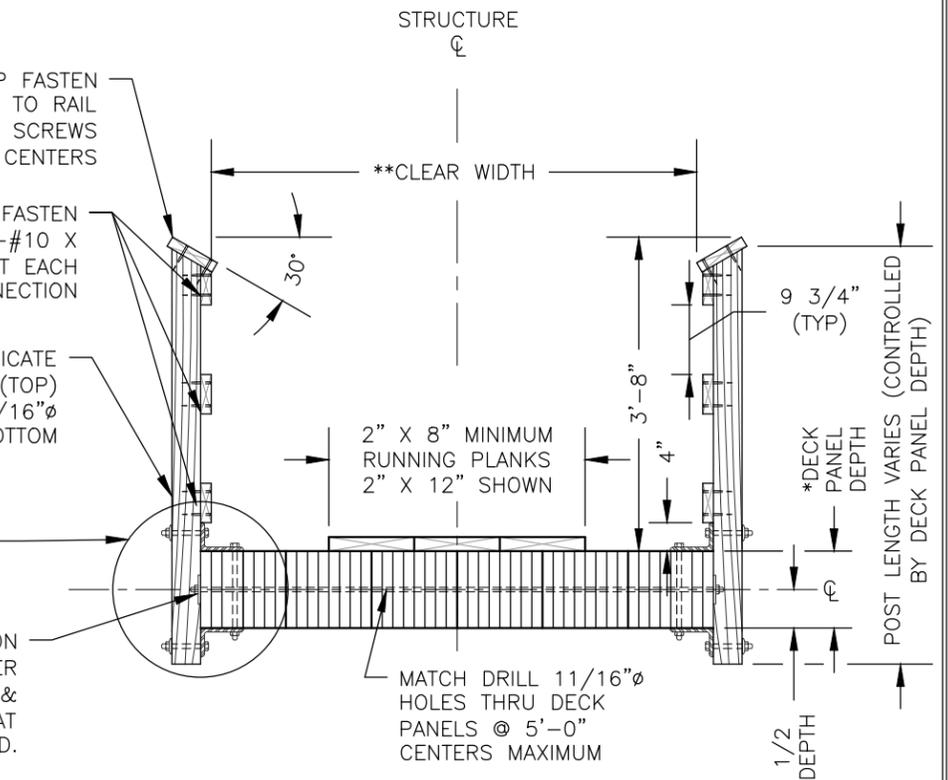
2" X 8" S4S RAIL CAP FASTEN TO EACH POST AND TO RAIL W/(2)-#10 X 4" WOOD SCREWS ON 2'-0" CENTERS

2" X 6" S4S RAIL FASTEN RAILS TO POSTS W/(2)-#10 X 4" WOOD SCREWS AT EACH CONNECTION

4" X 6" POST FABRICATE W/TAPERED END (TOP) AND W/(2)-1 1/16"Ø HOLES AT BOTTOM

POST CONNECTION SEE SHEET 3 FOR DETAILS

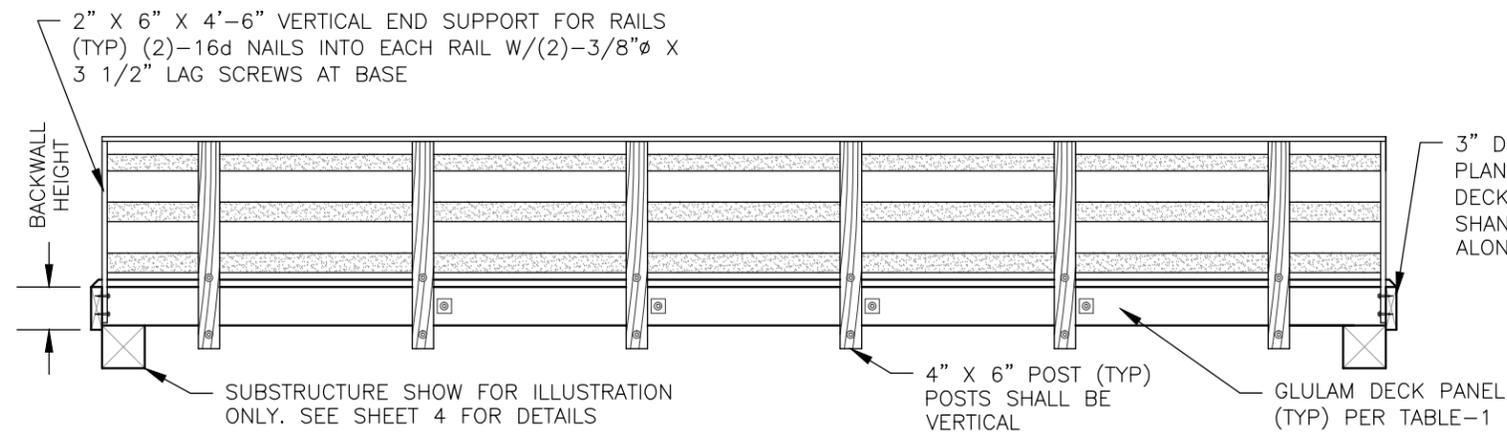
5/8"Ø ROD (LENGTH DEPENDS ON BRIDGE WIDTH) W/PLATE WASHER 1/2" X 4" X 4" (STEEL A36) & HEAVY HEX NUTS. THREAD 6" AT EACH END OF ROD.



TYPICAL DECK PANEL SECTION W/RAILING SYSTEM

*SEE TABLE-1 FOR DETAILS ON GLULAM DECK PANEL DEPTH REQUIREMENTS BASED ON SPAN AND LOADING.

**INSIDE FACE TO INSIDE FACE OF RAILING SYSTEM



*TABLE-1: LONGITUDINAL GLULAM DECK PANEL DEPTH REQUIREMENTS-LRFD

**DECK PANEL SPAN (FEET)	TIMBER SPECIES - SP, ID. NO. 50				
	DESIGN LOADING IN POUNDS PER SQUARE FOOT				
	PEDESTRIAN LIVE LOAD		GROUND SNOW LOAD		
	***65	90	120	150	200
10	5 1/8"	5 1/8"	5 1/8"	5 1/8"	5 1/8"
15	5 1/8"	5 1/8"	5 1/8"	6 3/4"	6 3/4"
20	6 3/4"	6 3/4"	6 3/4"	8 1/2"	8 1/2"
25	8 1/2"	8 1/2"	8 1/2"	10 1/2"	10 1/2"
30	10 1/2"	10 1/2"	10 1/2"	12"	12"

* DECK PANEL SIZE SHALL BE THE LARGER OF THE PEDESTRIAN OR GROUND SHOW LOAD SIZE REQUIRED FOR THE SITE CONDITIONS

** DECK PANEL LENGTH EQUAL TO DECK PANEL SPAN PLUS ONE FOOT

***REQUIRES REGIONAL BRIDGE ENGINEER APPROVAL

SHEET 2 OF 4

NOTES:

1. GLULAM LONGITUDINAL DECK PANELS SHALL BE FABRICATED WITH A MINIMUM OF 8 LAMINATIONS PER DECK PANEL.
2. FASTEN RUNNING PLANKS TO DECK PANELS WITH 40d (5-INCH RING SHANK NAILS) AT 24-INCH SPACING. ALTERNATE SIDES WITH TWO AT EACH END.
3. SPLICE RAILS AT POSTS. RAILS SHALL BE CONTINUOUS FOR A MINIMUM OF TWO POST SPACES. ALTERNATE RAIL SPLICES AT POSTS.