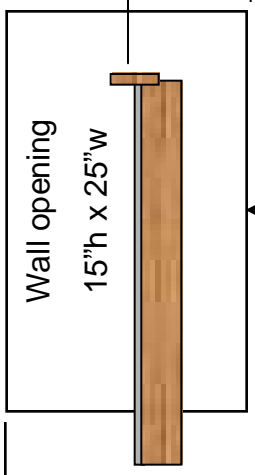
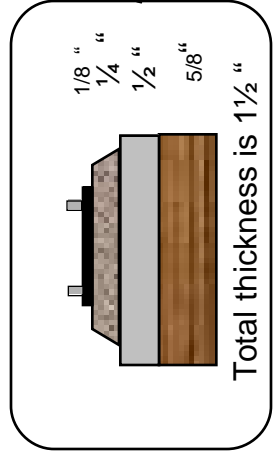
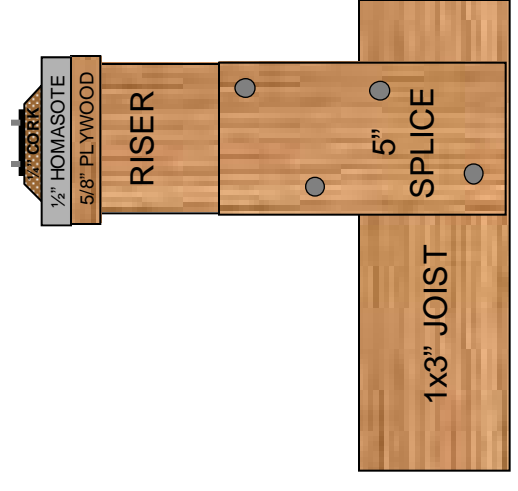


- $5/8 + 1/2 + 3/8 = 1 1/2$  " roadbed = 10.9 scale feet below T/R for structure depth
- $22' + 11' = 33' = 4 1/2$  " T/R to T/R
- Typical design grade separation is to be 4.5"
- T/R to T/R = 33 scale feet
- 33 feet at 1% = 3300 ft. = 38 actual feet in HO
- This is about one length of the railroad room.



Staging yard @ T/R = 52"

Datum @ 45" = 3'-9" = 45" = top of joist



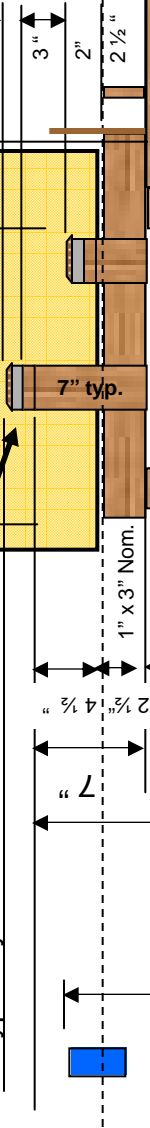
- Typical riser is 4.5" in yard areas:  
T/R = 51"
- Staging yard "riser" is 5 1/2 " :  
T/R = 52"
- Downtown riser is 9" :  
T/R = 55 1/2 "
- Top of Red Mtn. riser is 14" :  
T/R = 60 1/2 "

21.75  
Scale Ft.

24"

1" x 3" Risers

Typical yard track @ T/R = 51"



48" Top of switch box

50"

43"

42 1/4" Typ. Leg

10"

7" typ.

61"

46"