The Great Tectonic Shift

Or, The Pre-Pandemic Social Distancing Project

SIG Weekend January 2021

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• Late 1920's era Northern California

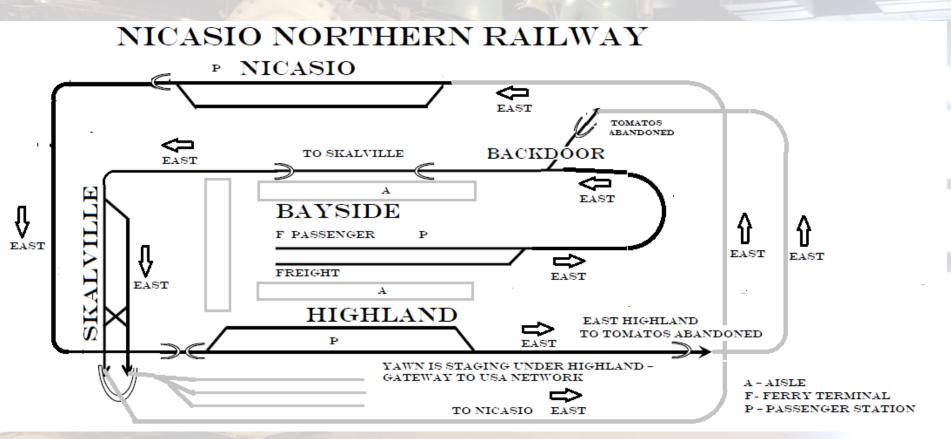
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- Late 1920's era Northern California
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- In an under-the-garage "basement"



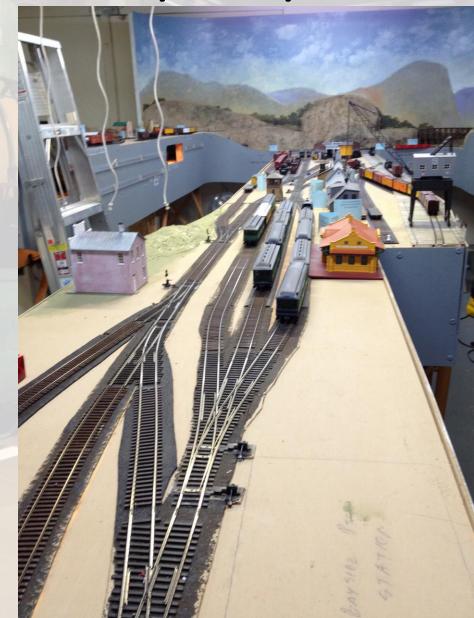


- Built for operations
- Freight and passenger
- 8 Daily Passenger trains
- 4 Through freights
- Several locals
- Yardmaster, dispatcher, crews (usually 6 folks)

- Bayside
 - Freight yard
 - Engine facility
 - Passenger station & yard
 - Ferry landing and wharf
 - Industries

Nicasio Northern Railway - Bayside





- Backdoor
- Skalville
- Nicasio

Backdoor - Nicasio - Skalville



- Yawn staging (connection to US rail network)
 (Under Highland)
- Highland terminus

Highland







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- Connected by a built-in duck-under from the lower to upper
- Railroad was built on 10x23 upper level





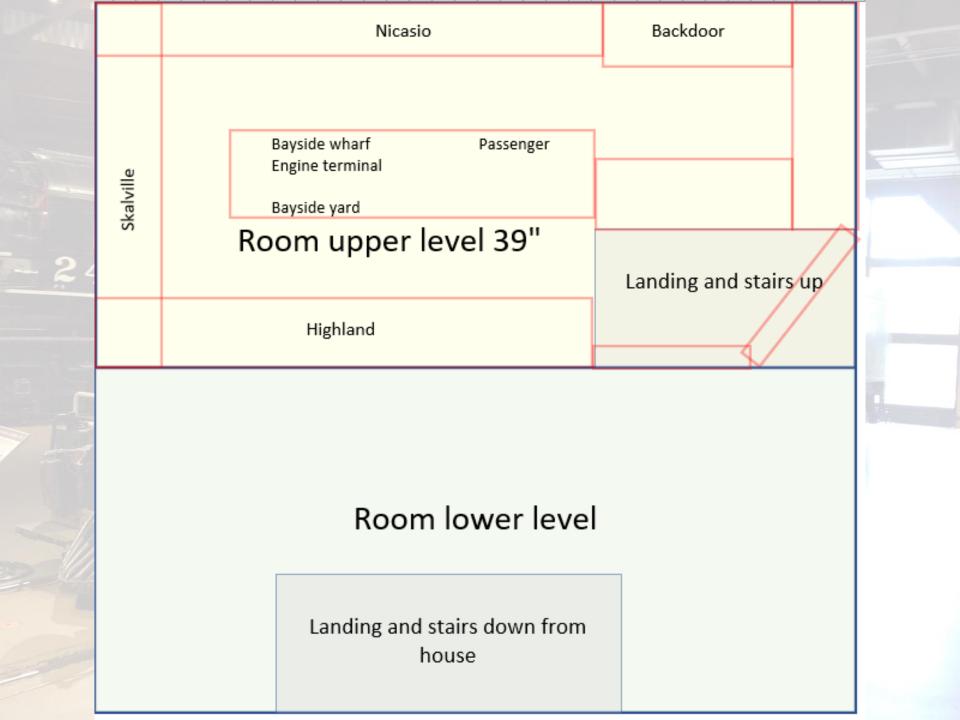
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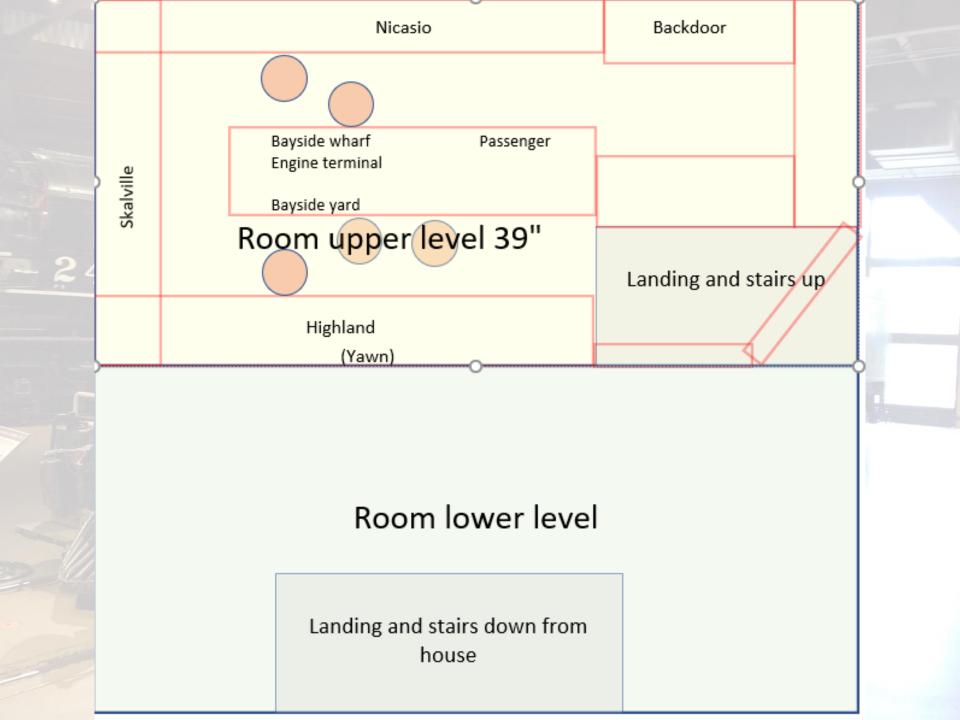
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- Something had to give, and it wasn't our waistlines





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- Wyes wherever possible to support staging
- Use the south wall?
 - New staging?
 - Wye tails
 - Downside: 90+" elevation over floor

- And while we're at it...
 - Totally redo the layout electrical
 - 2 DCC mains and 12 volt DC main
 - Digitrax
 - PSXs
 - Frog juicers
 - 3 control panels
 - Tortoise & mp5 for certain turnouts

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 - Organize shelving and workbench space
 - Clean up the joint!

The Solution: The Great Tectonic Shift

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- Let's do a big shakeup:
 - Highland and Yawn were built inside the upper level
 - They stopped at edge of stairs Not full width of room

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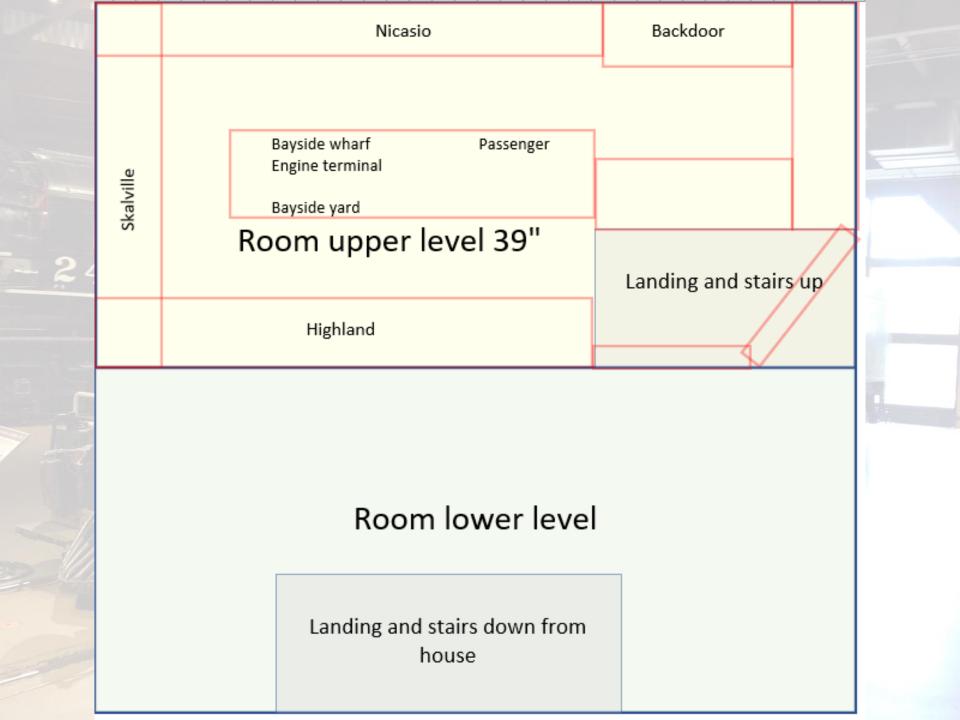
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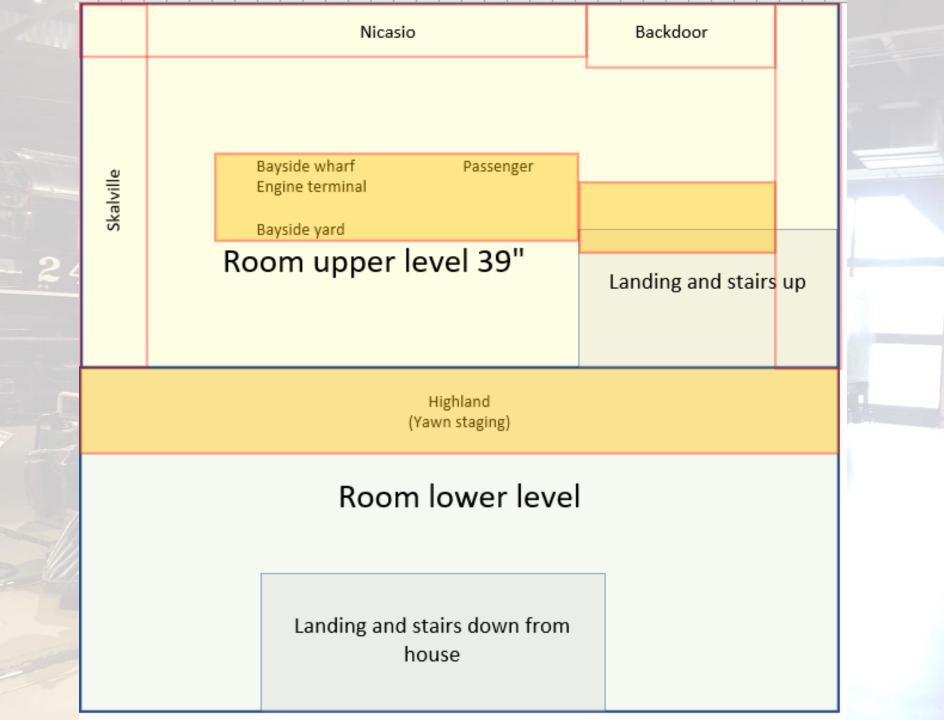
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 - Bayside peninsula moves 87 (scale) feet
 - Each aisle gains 12"





-		Nicasio	Backdoor	-5
2.4	Skalville	Bayside wharf Passenger Engine terminal Bayside yard Room upper level 39"	Landing and stairs up	
Ç		Highland (Yawn staging)		
1	Room lower level			
	Ureeka (Yawn wye tail)	Landing and stairs down from house		

Nicasio Northern Railway Post-Quake



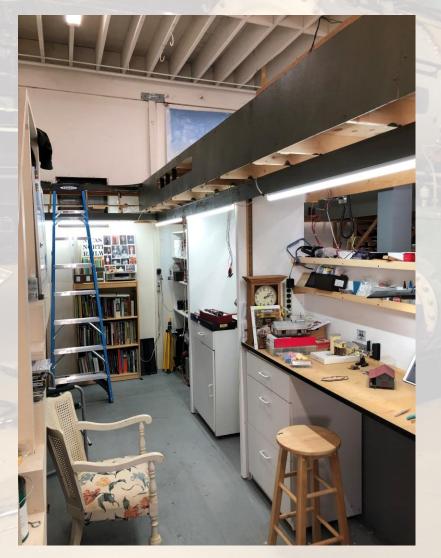


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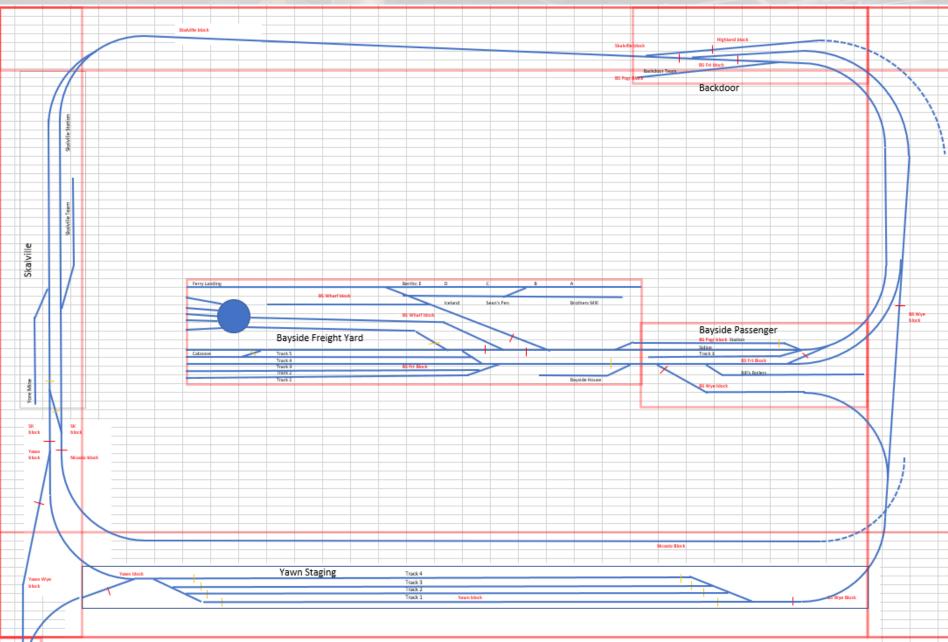


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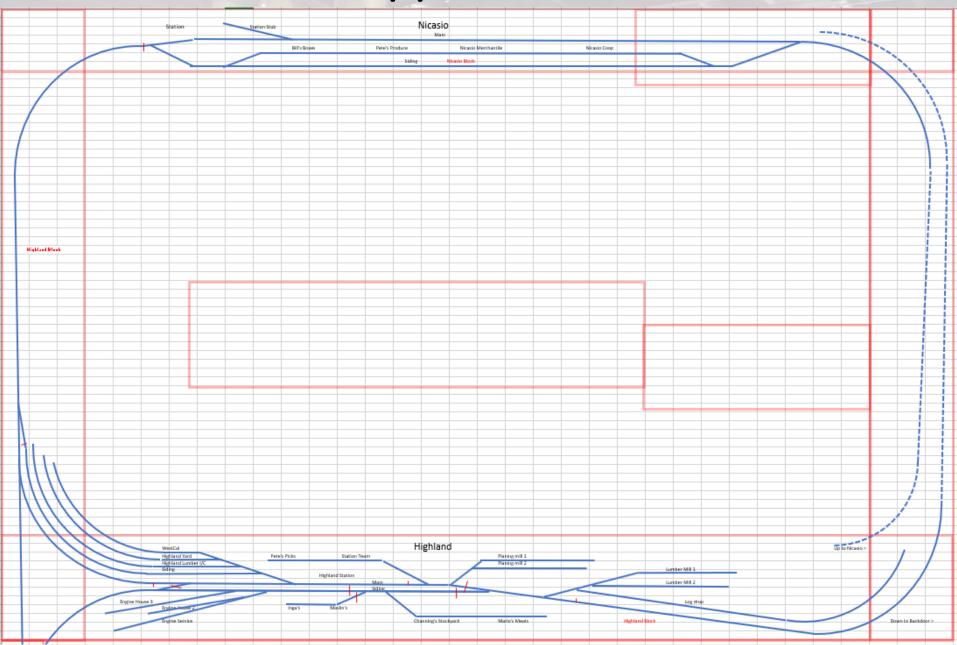




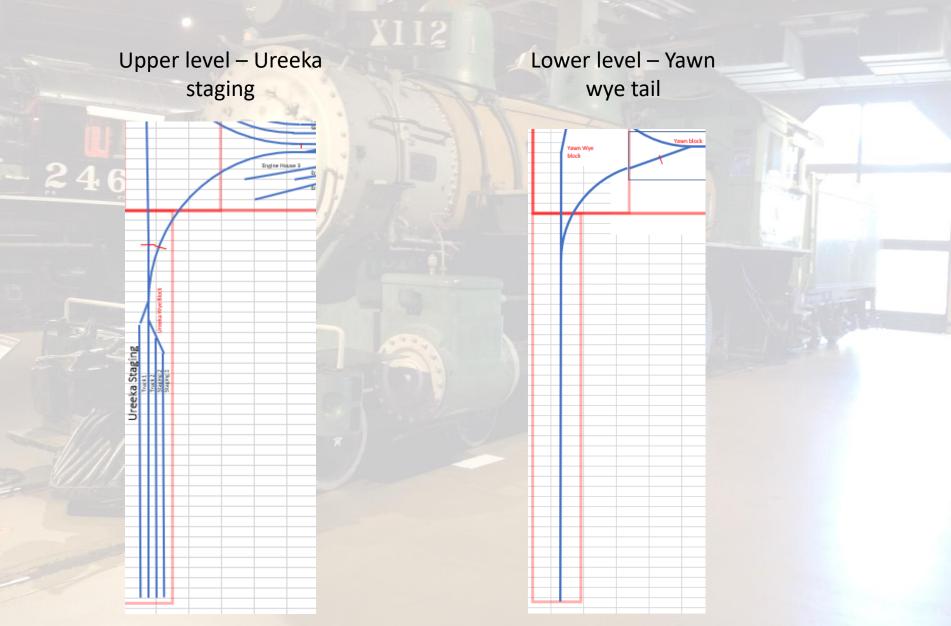
Lower Level



Upper Level



South Wall



Excel Diagrams

- Previous sheets are made in Excel
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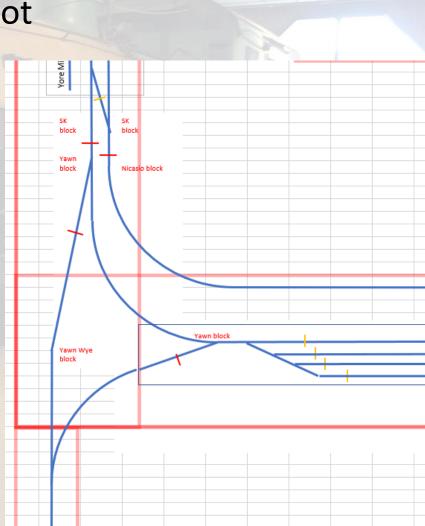
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- "Document of Record"
 - Benchwork
 - Track
 - Industries
 - Gaps and blocks



New Construction: Ureeka & Yawn





Control Panels

FastSigns Plastic Engraving From Word/PDF





Control Panels





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New Construction: Highland

Highland now goes full width of room

-- Including over the stairs

Highland Lumber is the industry over the stairs – workable from upper level





- Passenger ops
 - By Timetable
 - Commuter action Ureeka to San Francisco
 - Via Ferry
- "Shopper" midday Highland Bayside Highland



- Passenger ops
 - Commuters Trains meet the Ferry to San Francisco
 - At the Wharf Morning and evening
 - Mail trains to/from Yawn
 - With RPOs going "up the hill"
 - Morning & evening "dance" at Bayside





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- Ureeka Easternmost (northernmost) town staging

• Freight ops

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 - Highland Lumber RR "Logger" Mill Interchange Backcountry
 - Casper & Big River is interchange track only

• TT&TO

- Dispatcher optional
- Pre-made Clearance forms
- JMRI Operations for car movement
 - Custom manifests
- 4 to 1 fast clock 12 scale hours, 3 real
- Crew of 5 6

Coming As Soon As It's Safe





NICASIO NORTH





Nicasio Northern Railway Today



The Great Tectonic Shift

Questions?

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