



BOUNDARY SUB TECHNIQUES

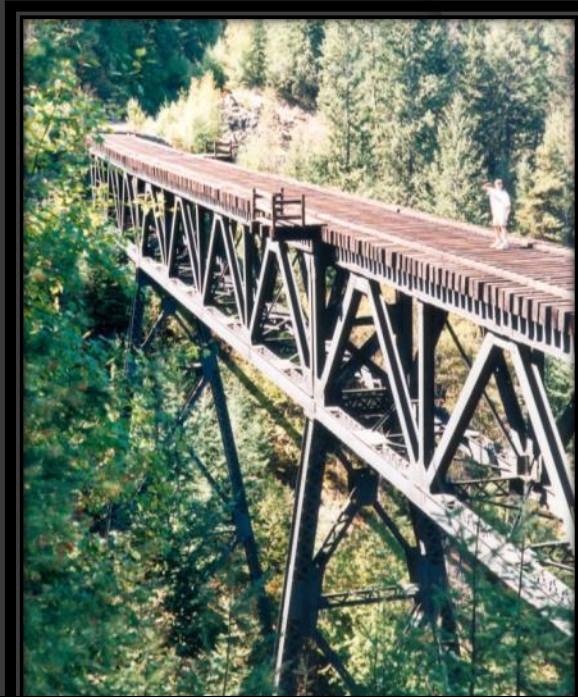
Presented by;
Scott Calvert

Selkirk Express 2016
PNR Convention



WHY I CHOSE TO MODEL THE BOUNDARY SUBDIVISION







Diverse
Industries

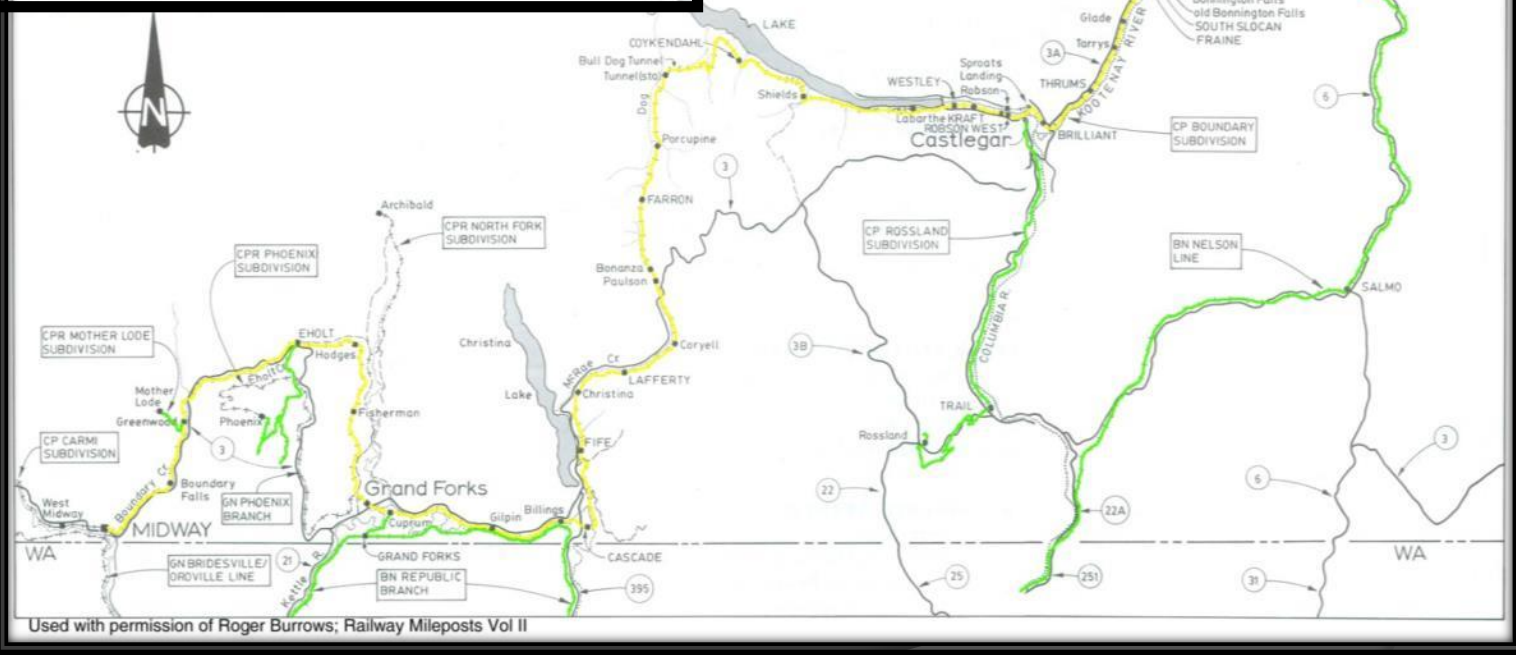
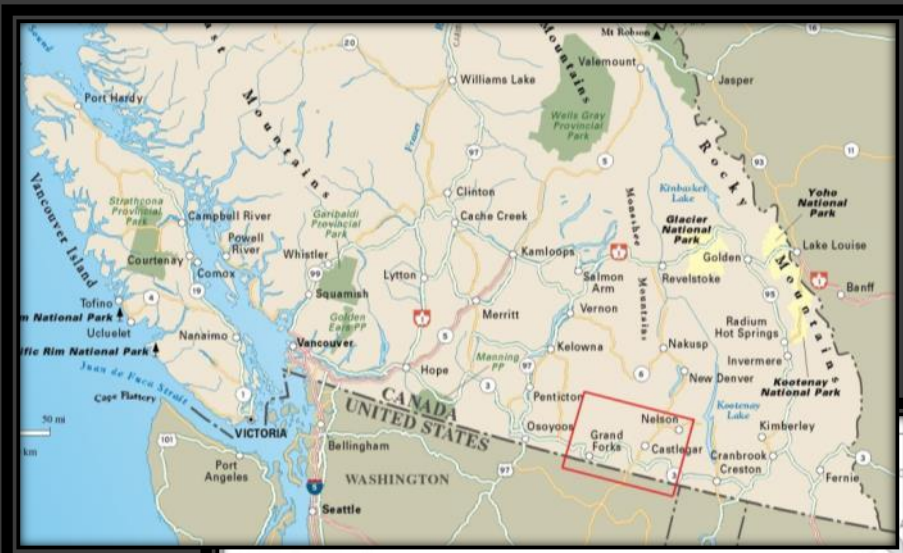


Mike Barone



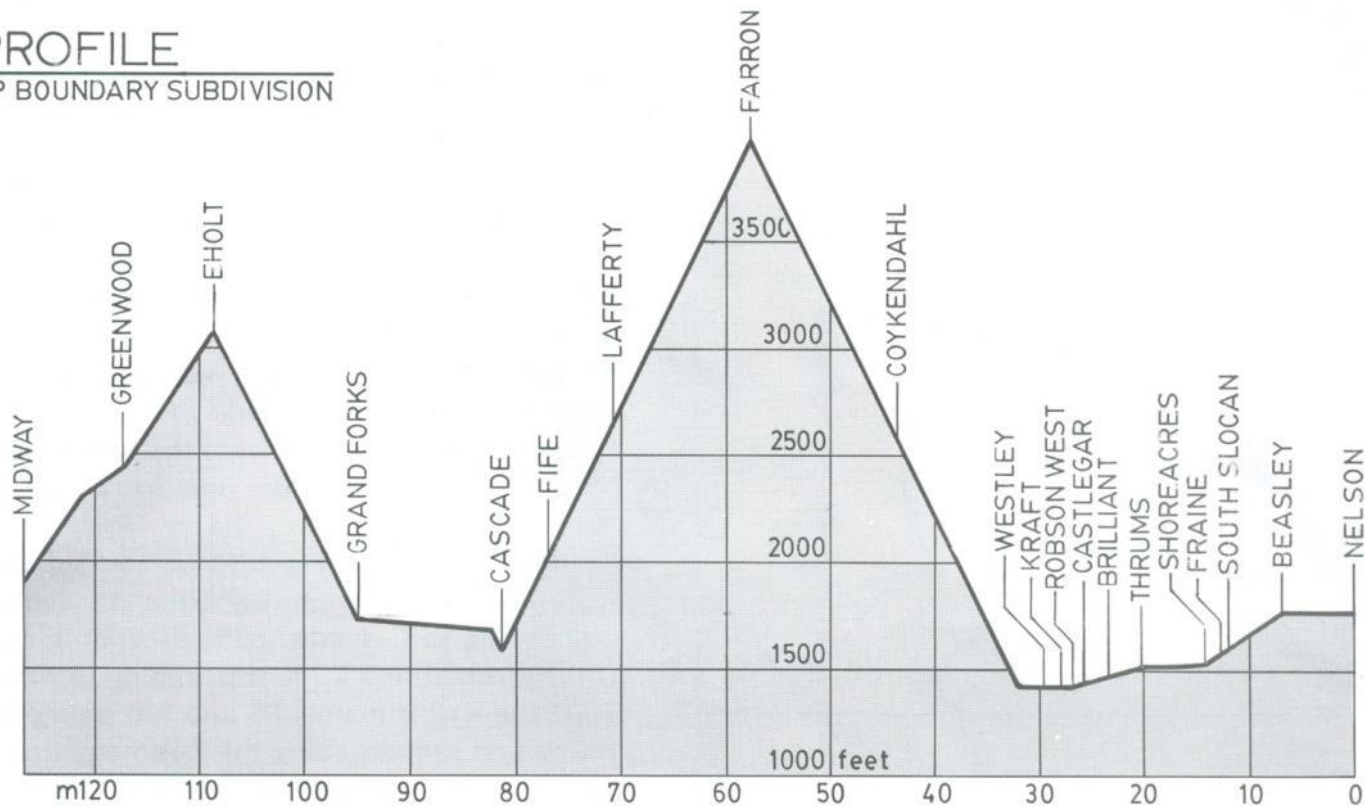
Doug Wingfield





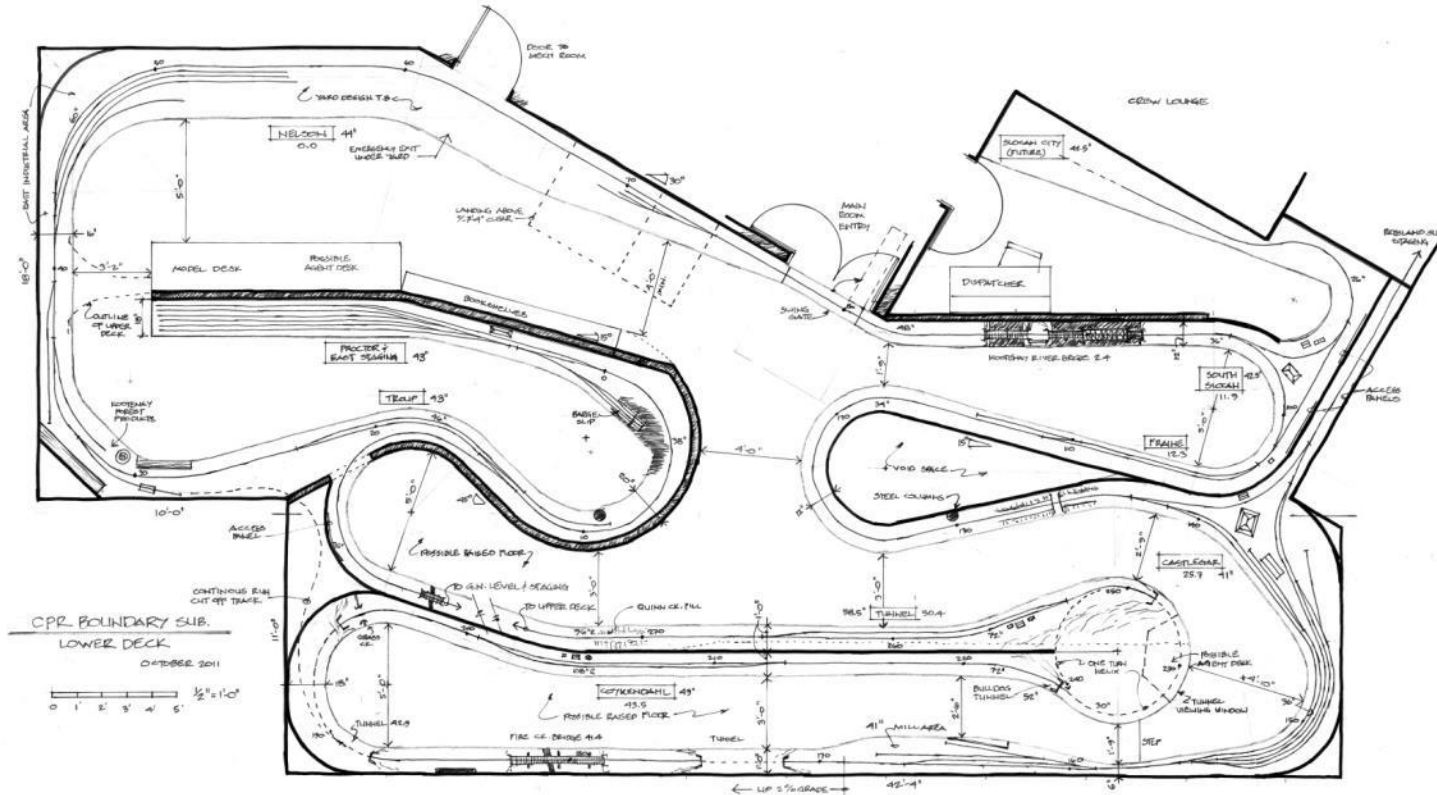
PROFILE

CP BOUNDARY SUBDIVISION

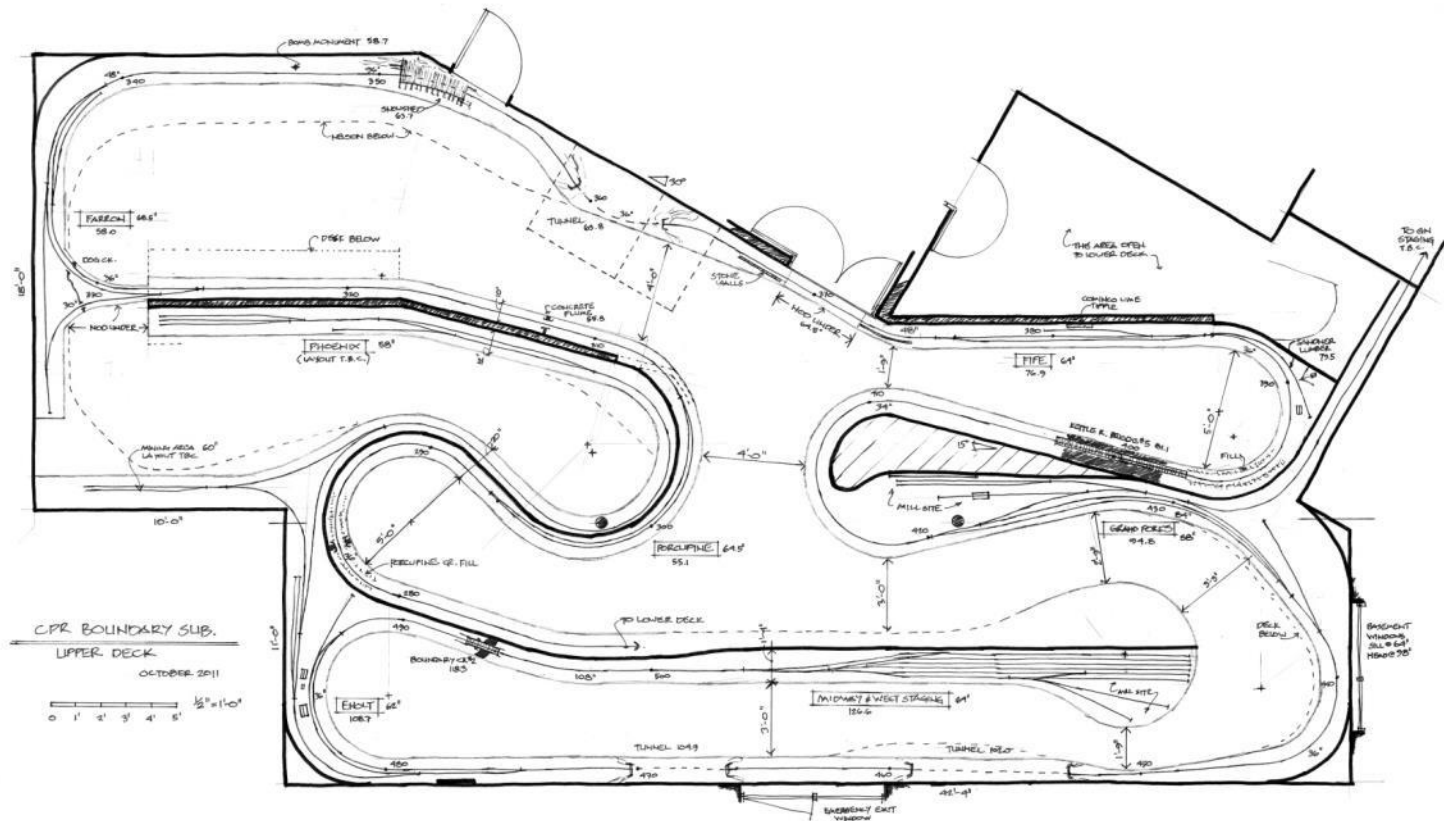


Used with permission of Roger Burrows; Railway Mileposts Vol II

Boundary Sub; lower deck plan



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STUFF WE ARE GOING TO TRY & COVER;

- General room preparation
- Module Pre-fabrication & mass production
- Using Mock up techniques
- Styrofoam roadbed templates
- Turnout templates
- Room Entrance Swing gate construction
- Spline roadbed system
- Helix Construction
- Cork roadbed
- Turnout Modifications
- Pre-wiring techniques
- Miscellaneous items

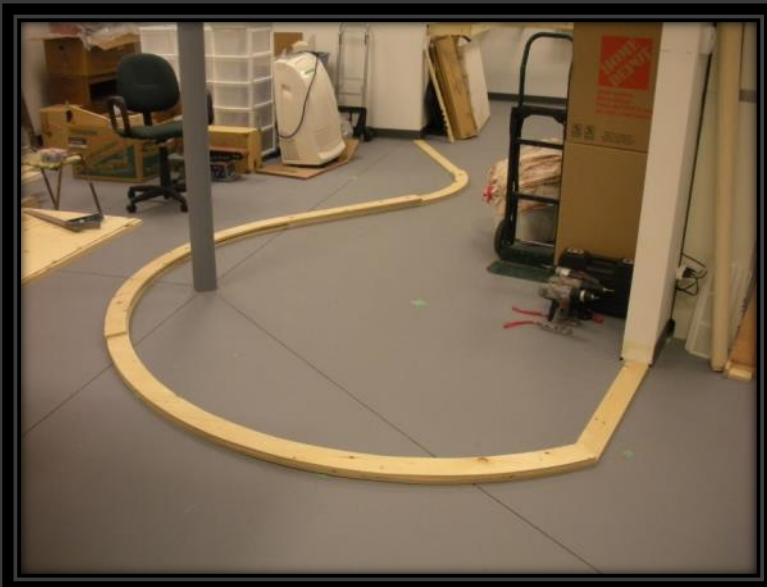
ROOM PREPARATION



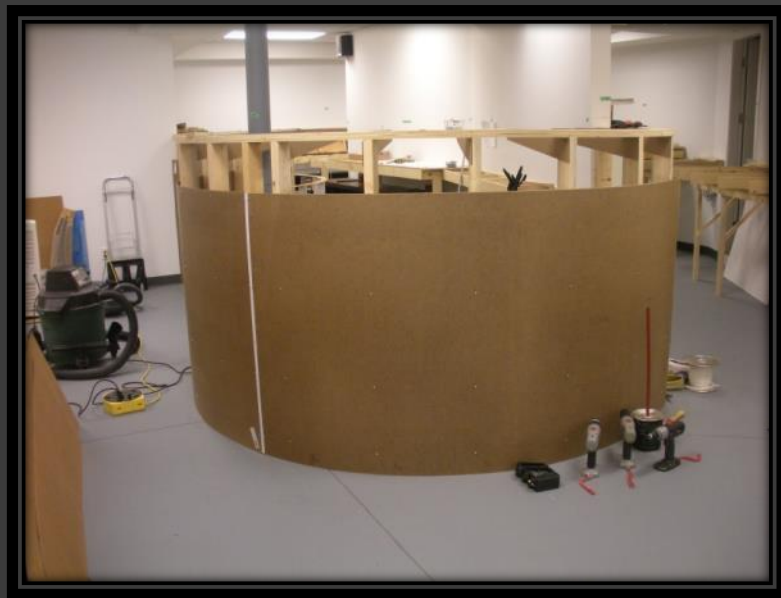
2012 AFTER MOVE IN



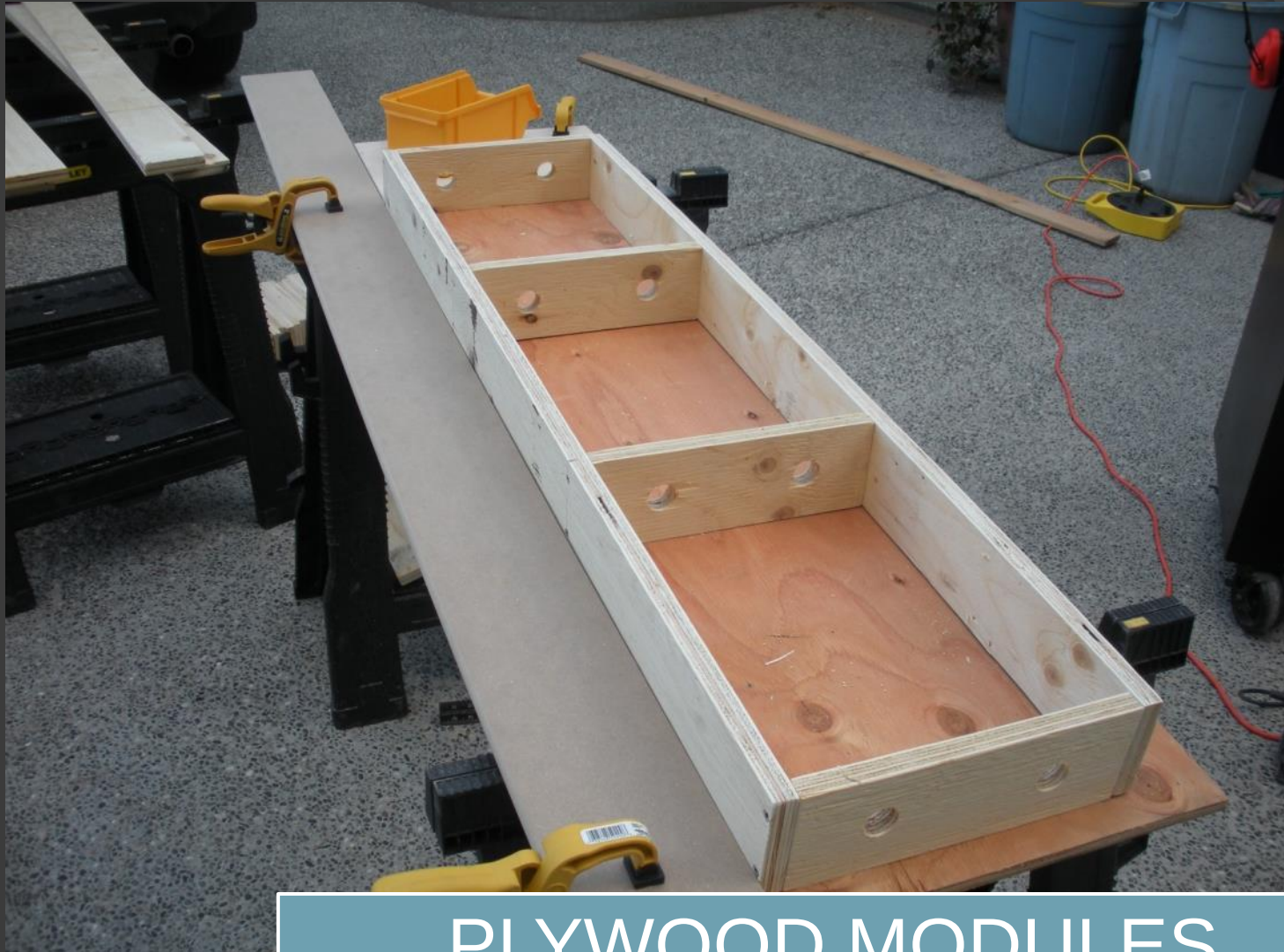
CURRENT STATUS



CONSTRUCTION OF
CURVED DIVIDER WALLS





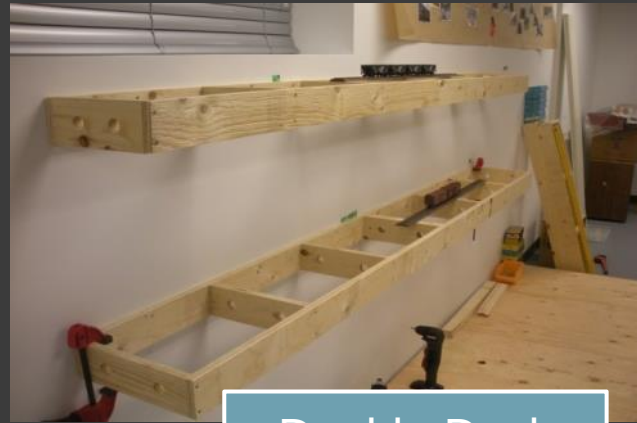


PLYWOOD MODULES

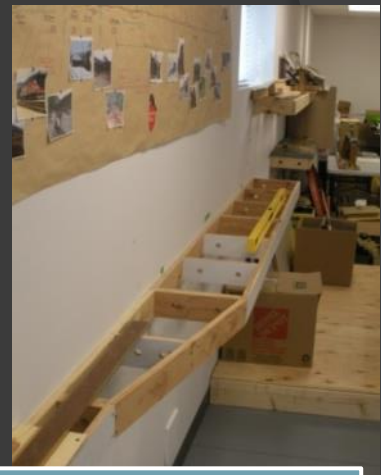




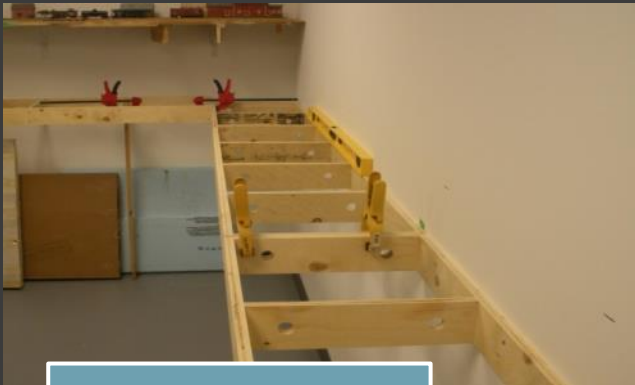
Typical 4ft modules



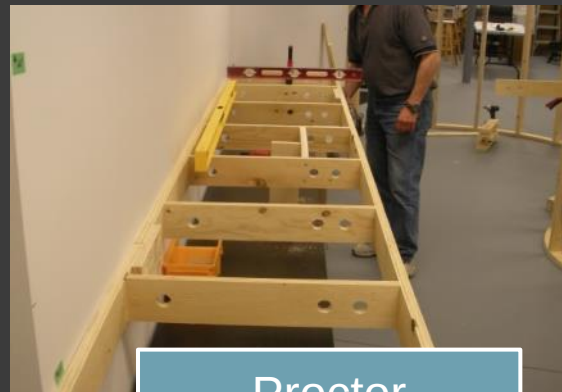
Double Deck



West Staging



East Nelson



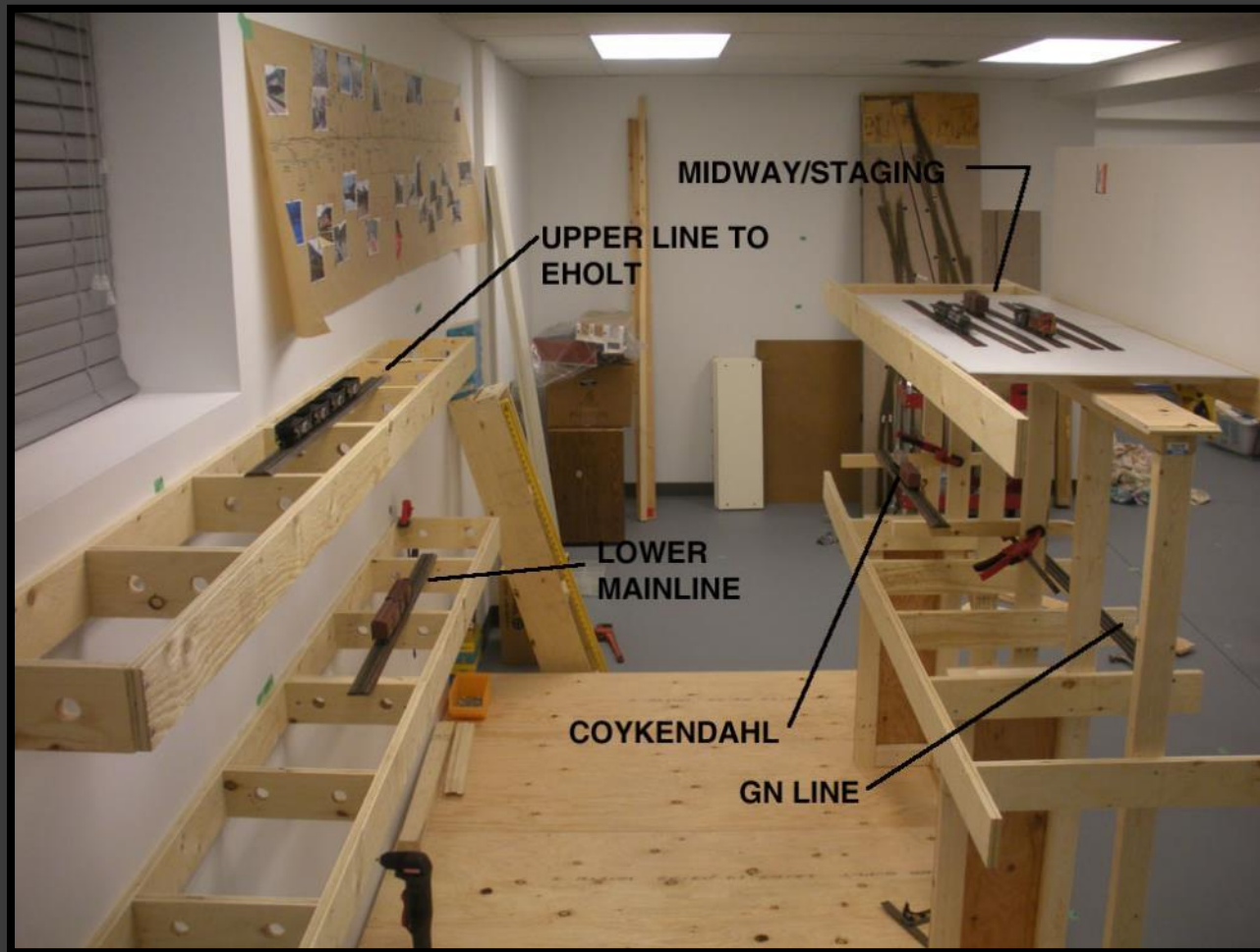
Proctor

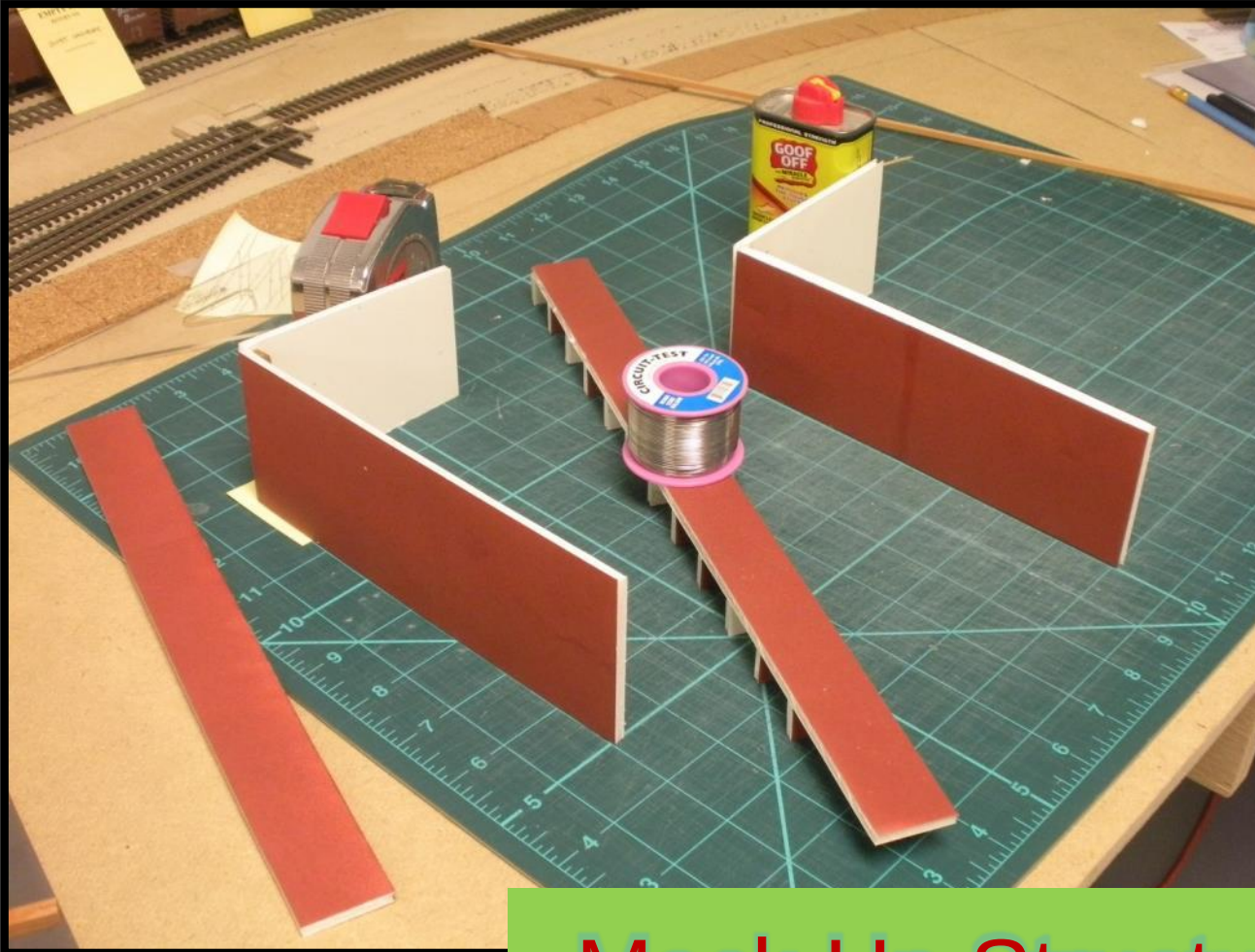




USING MOCK UPS

Main Peninsula Framing Mock up



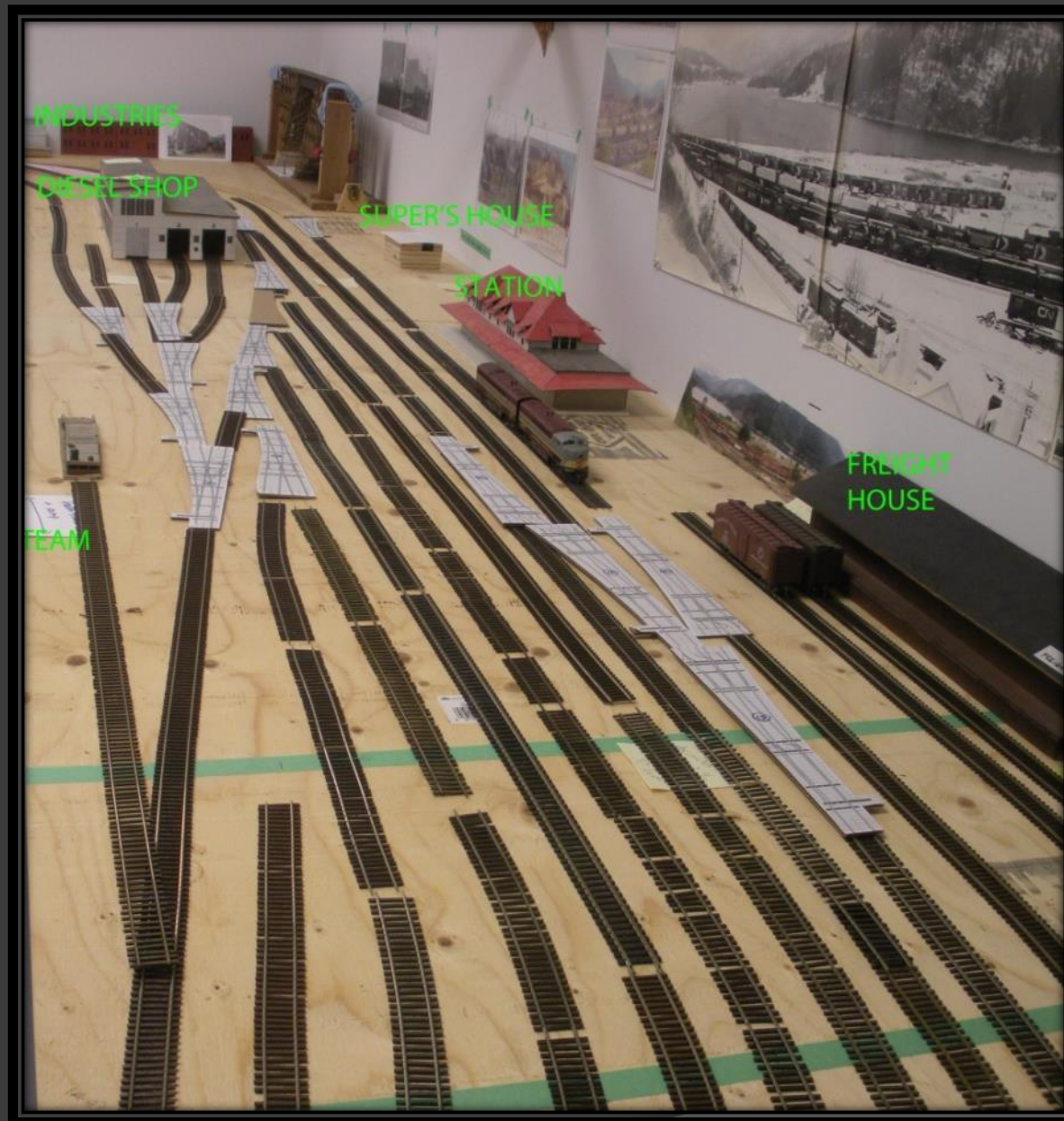


Mock Up Structures

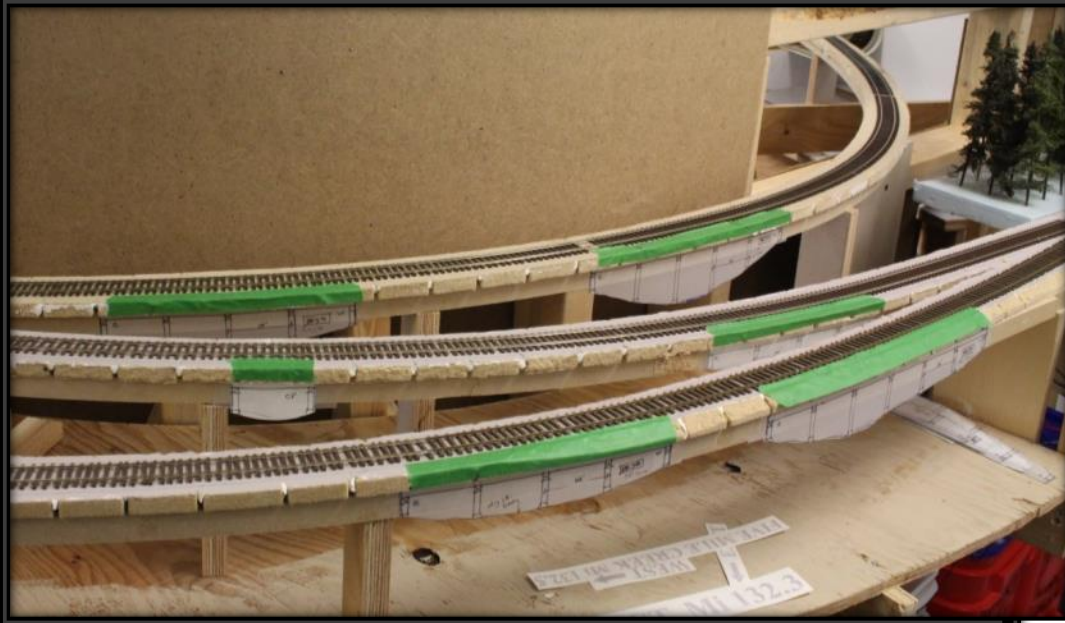
Nelson station mock up & Completed model



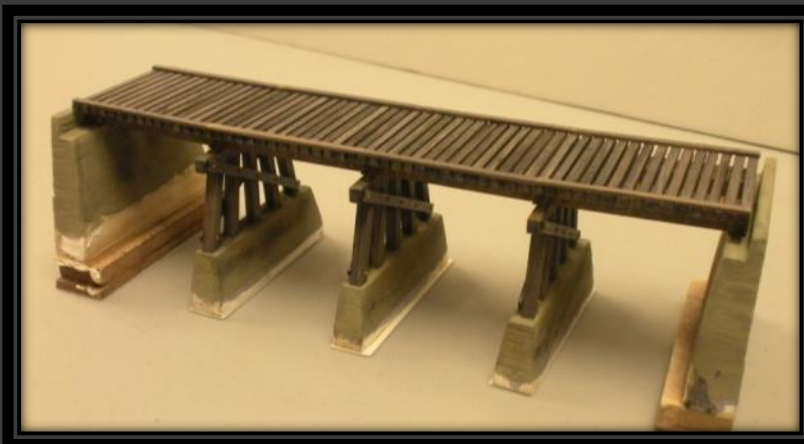
Model built by Patrick Lawson MMR



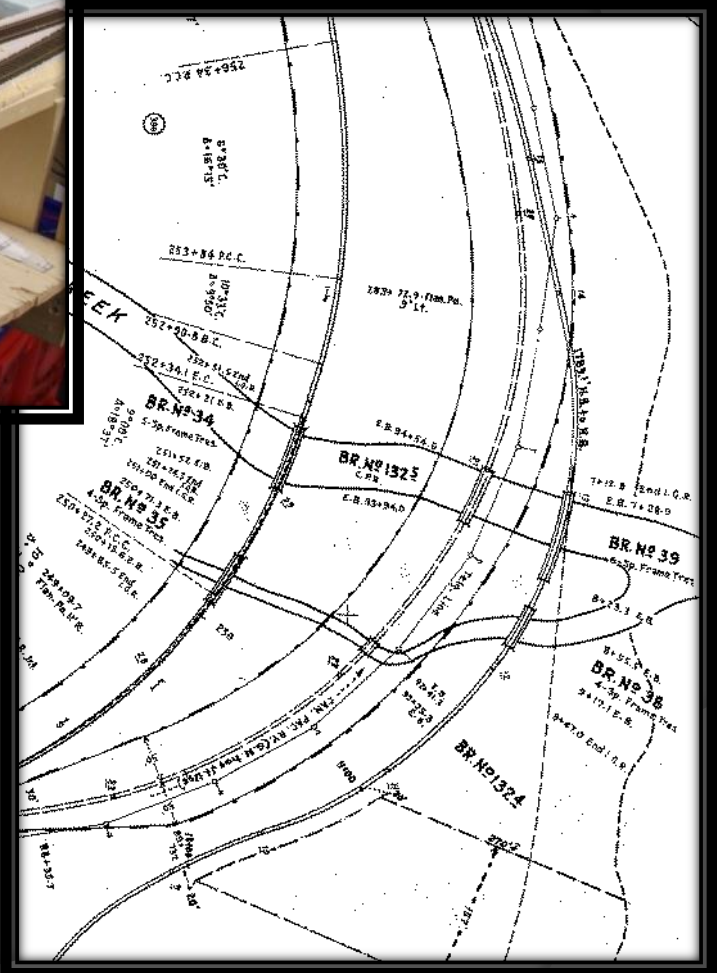
TROUP JUNCTION TRESTLE LAYOUT



Overall scene



CP Mile 132.5 trestle

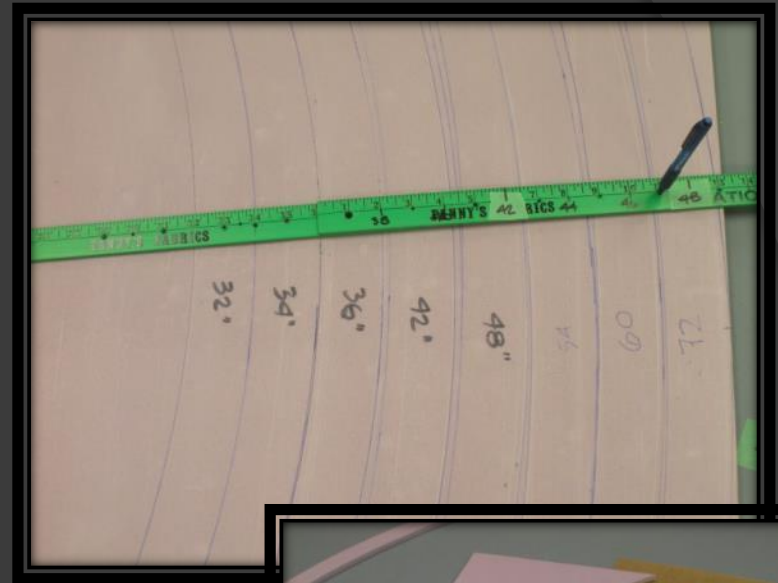
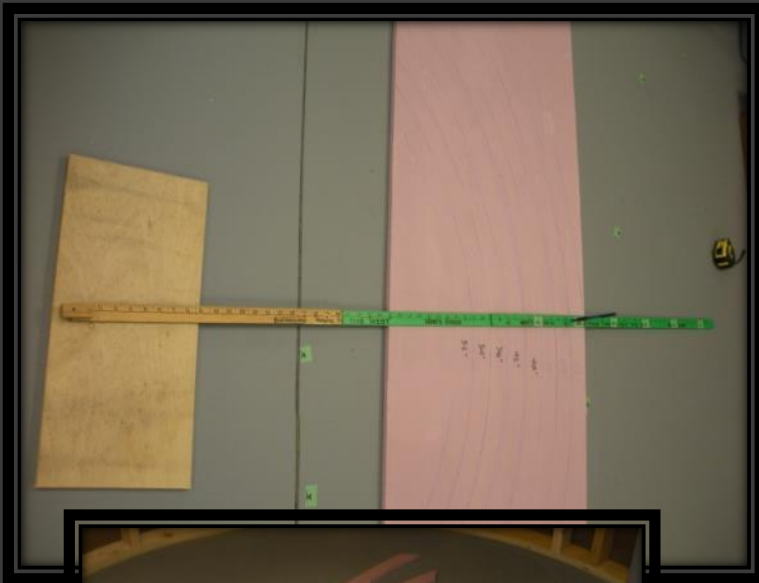


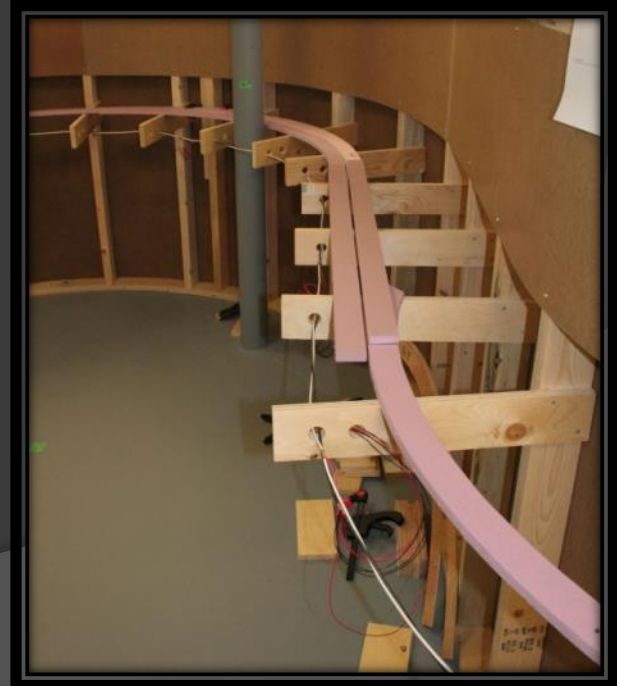
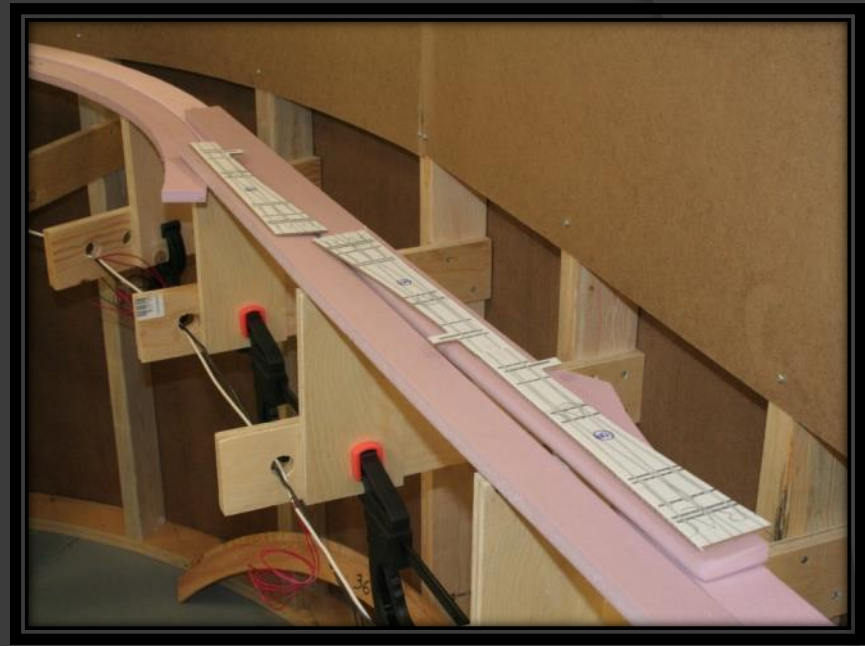
Prototype Plat Plan



McCormack Creek trestle Mi 36.1
410 ft long & 190 ft high

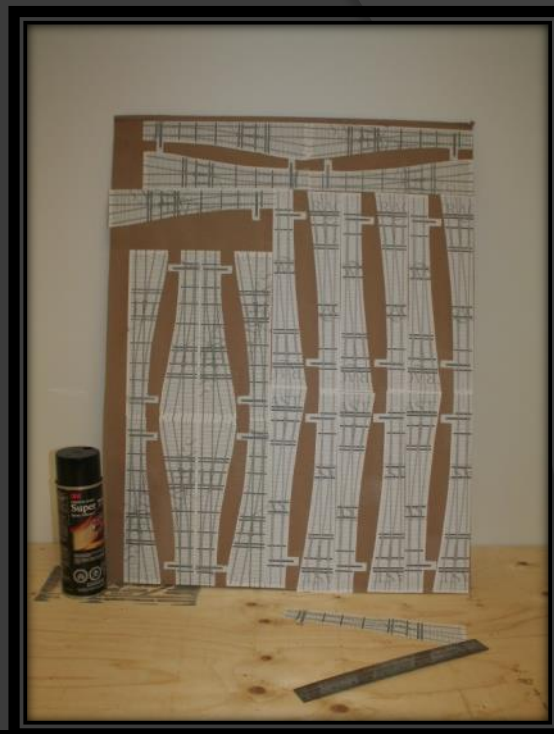






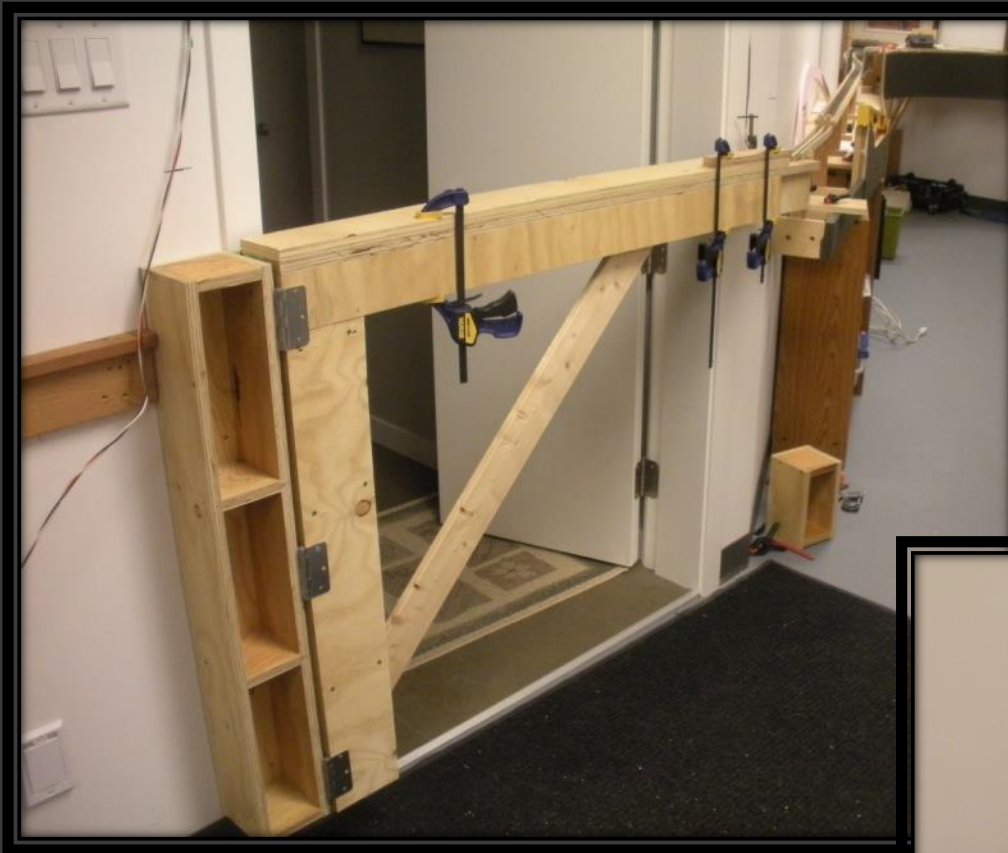


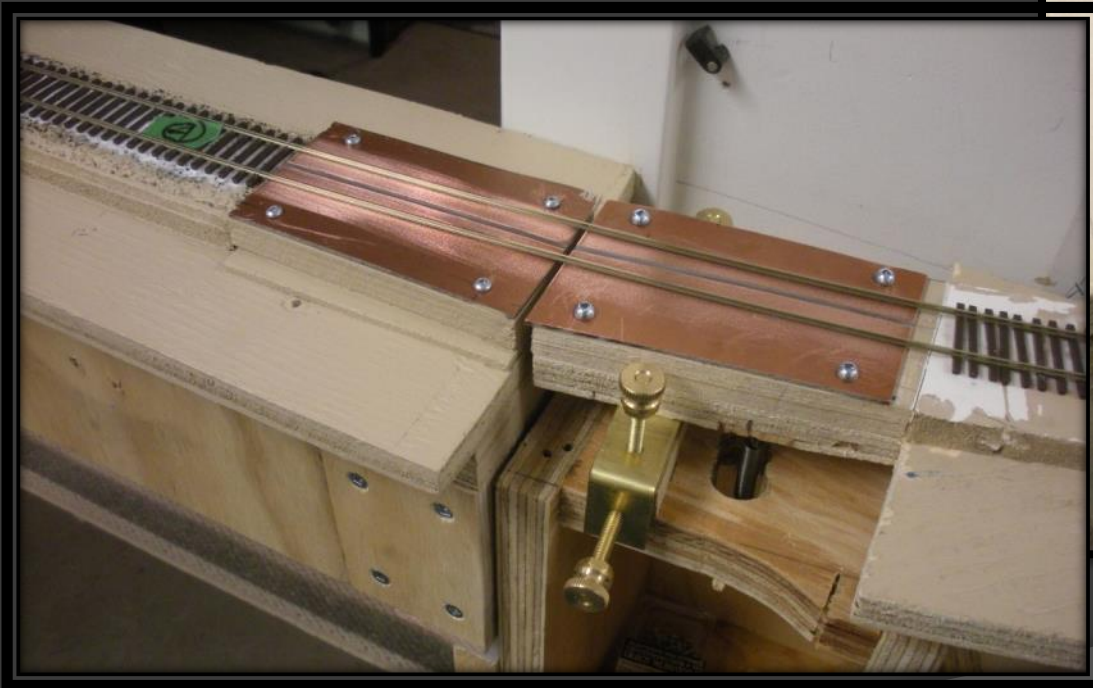
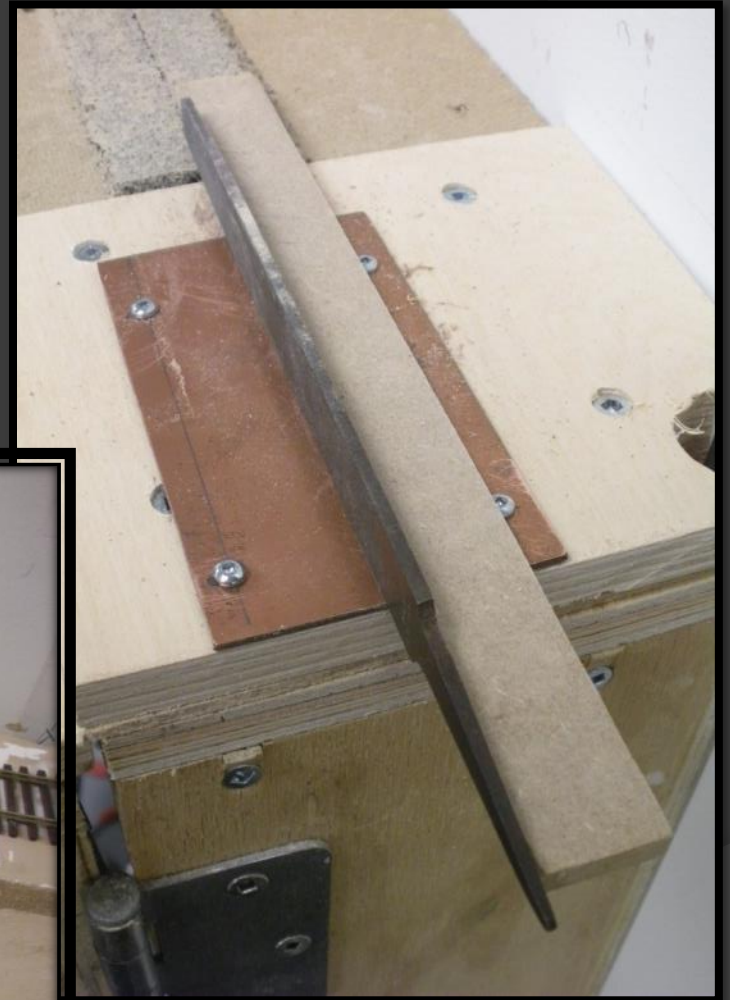
<http://www.handlaidtrack.com/Fast-Tracks-Printable-Track-Templates-s/11.htm>





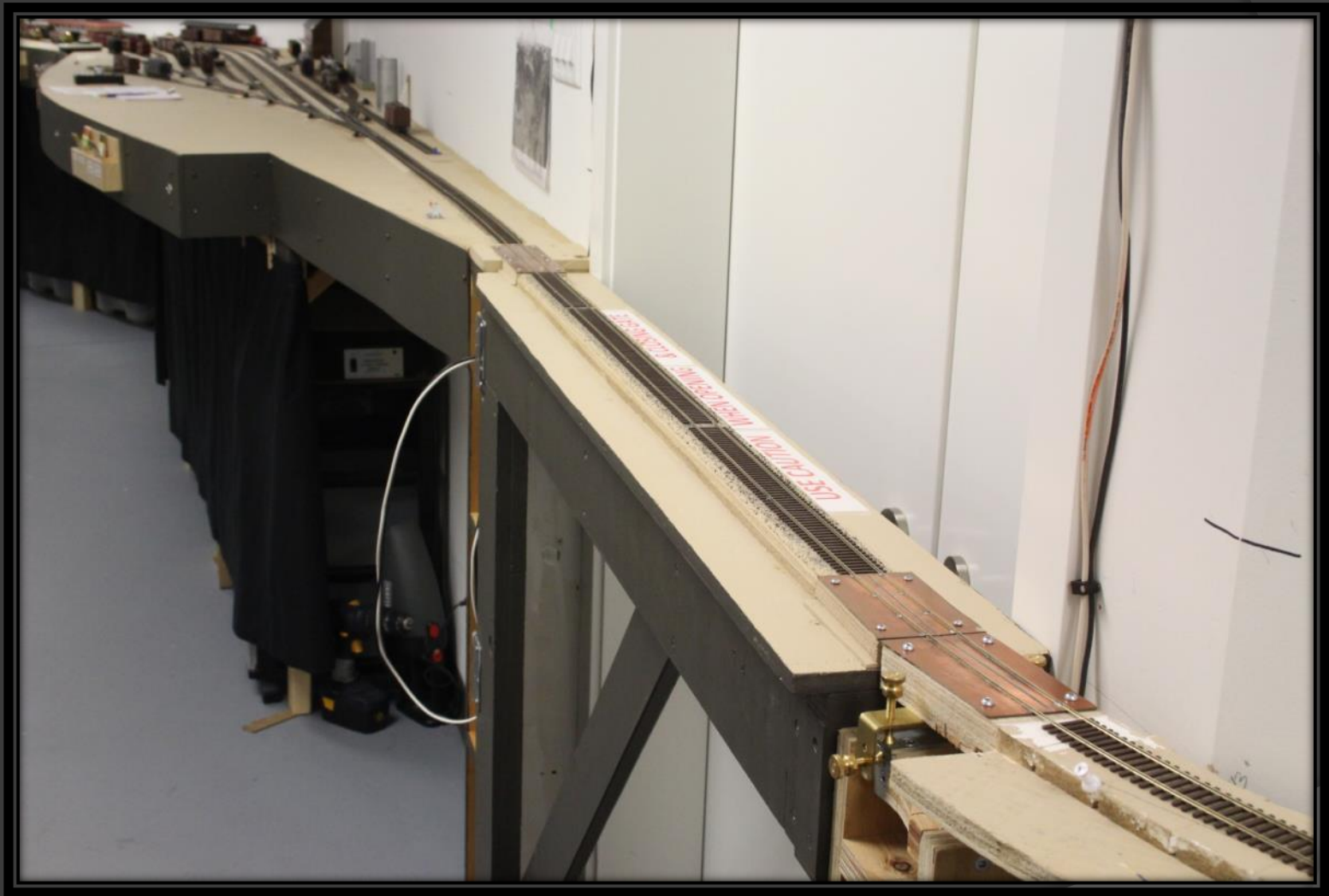
ROOM ENTRANCE SWING GATE CONSTRUCTION

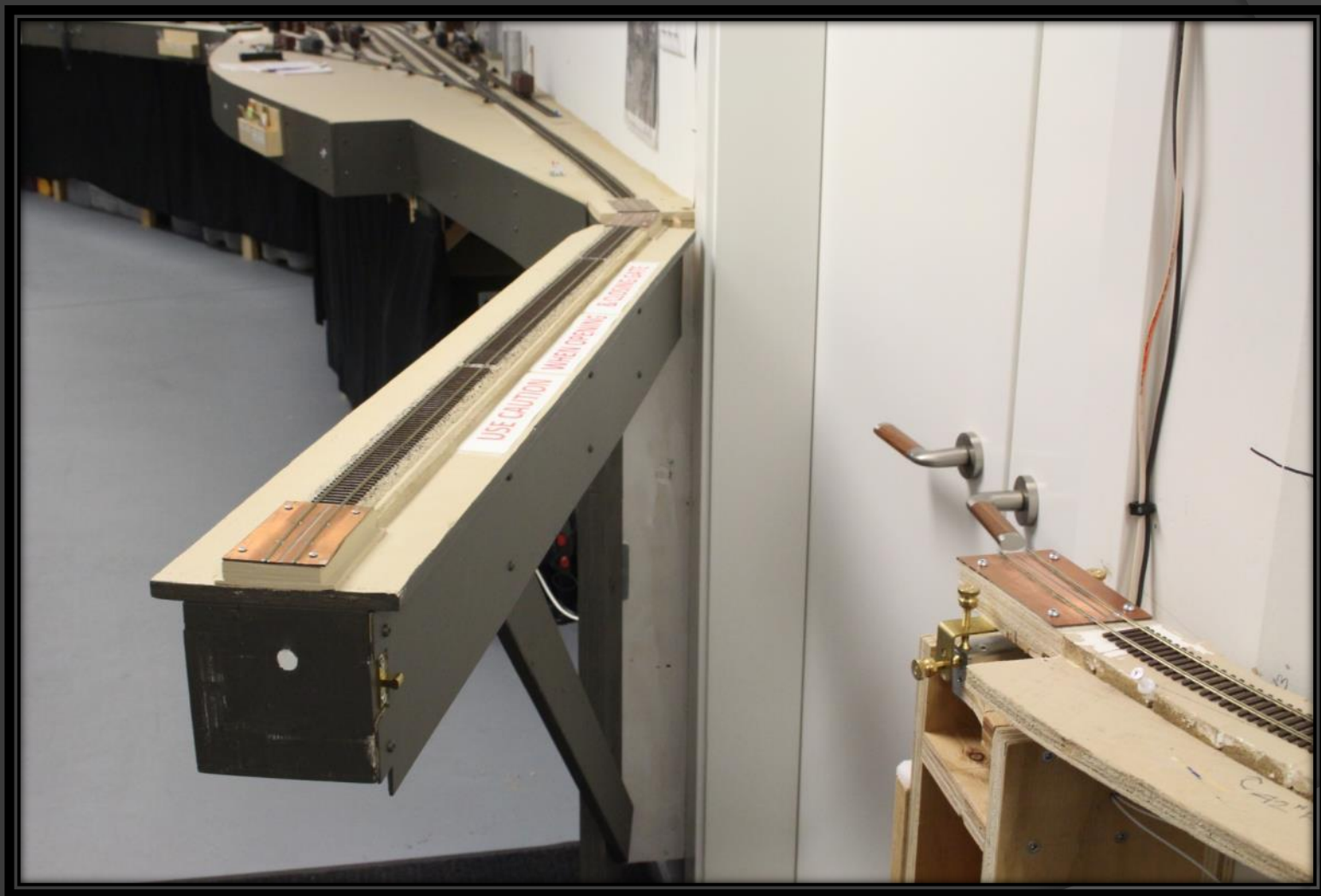






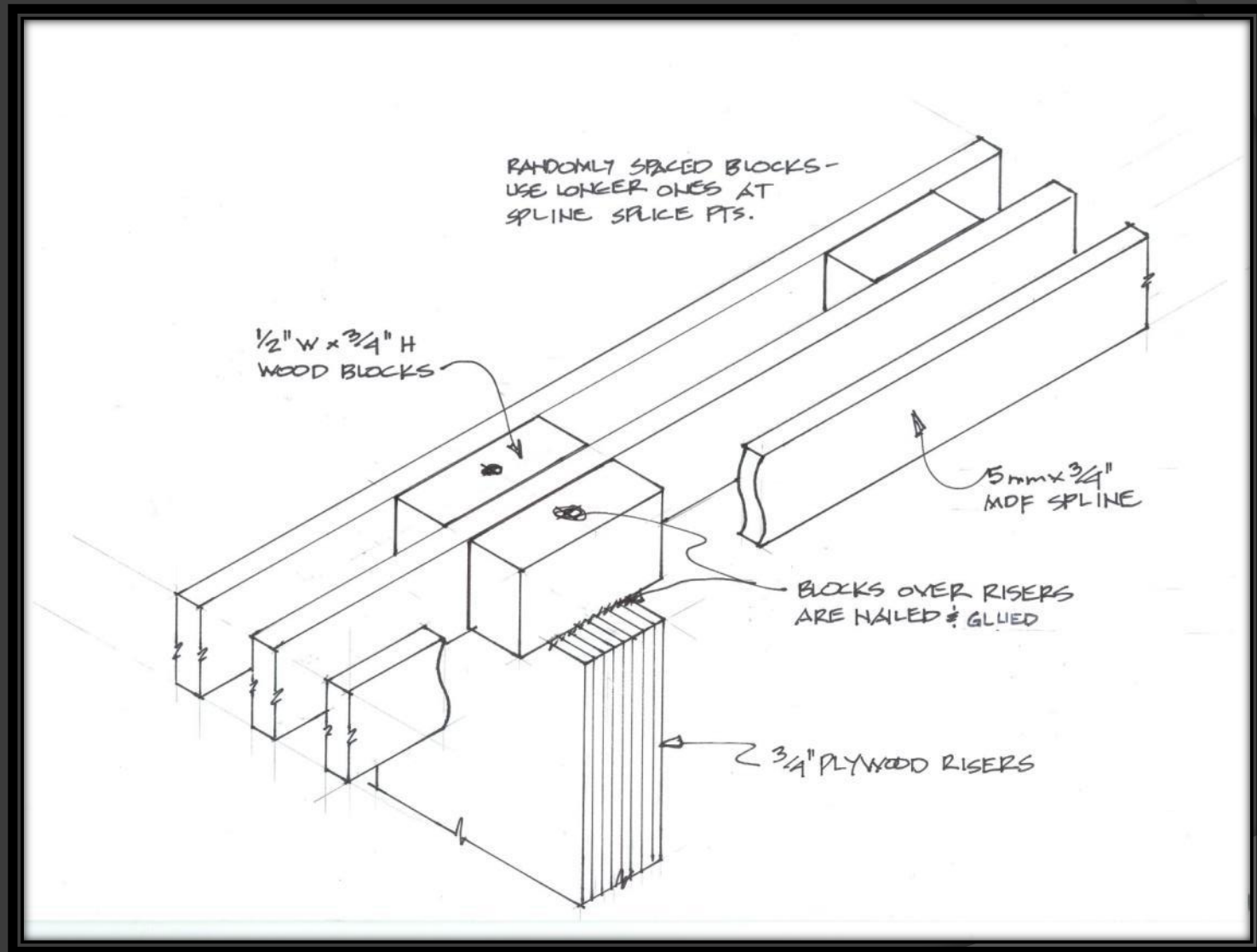








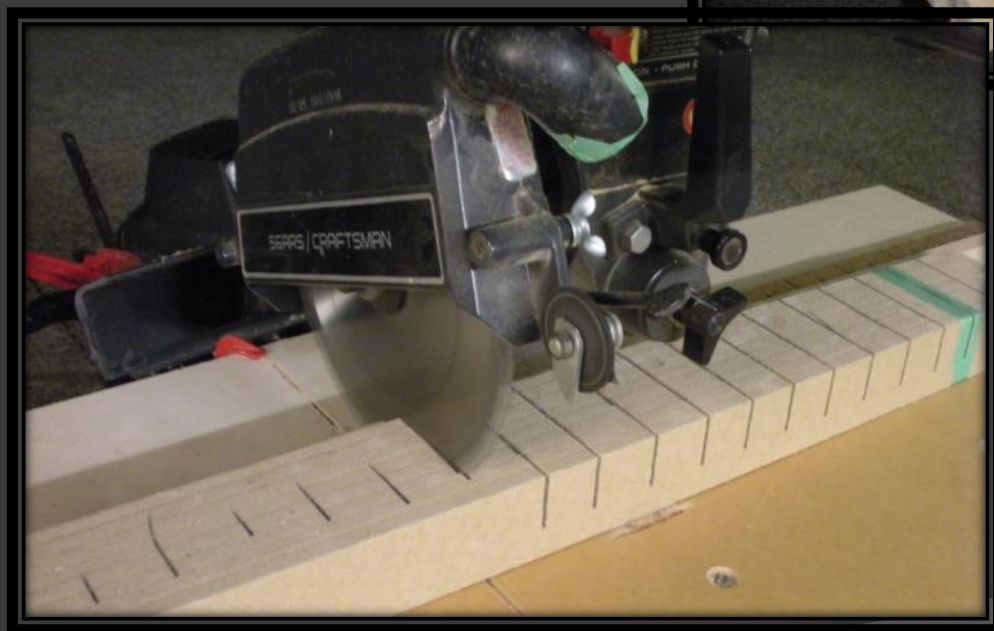


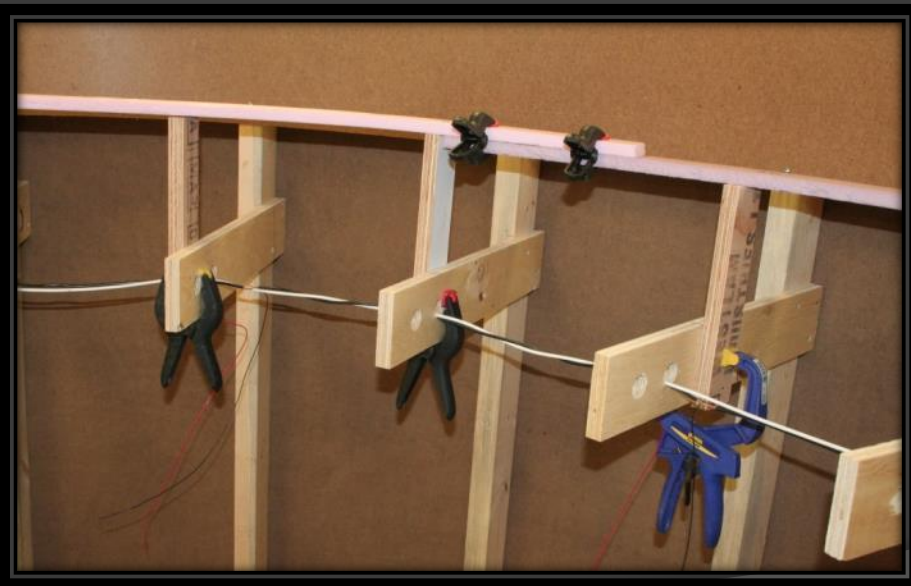


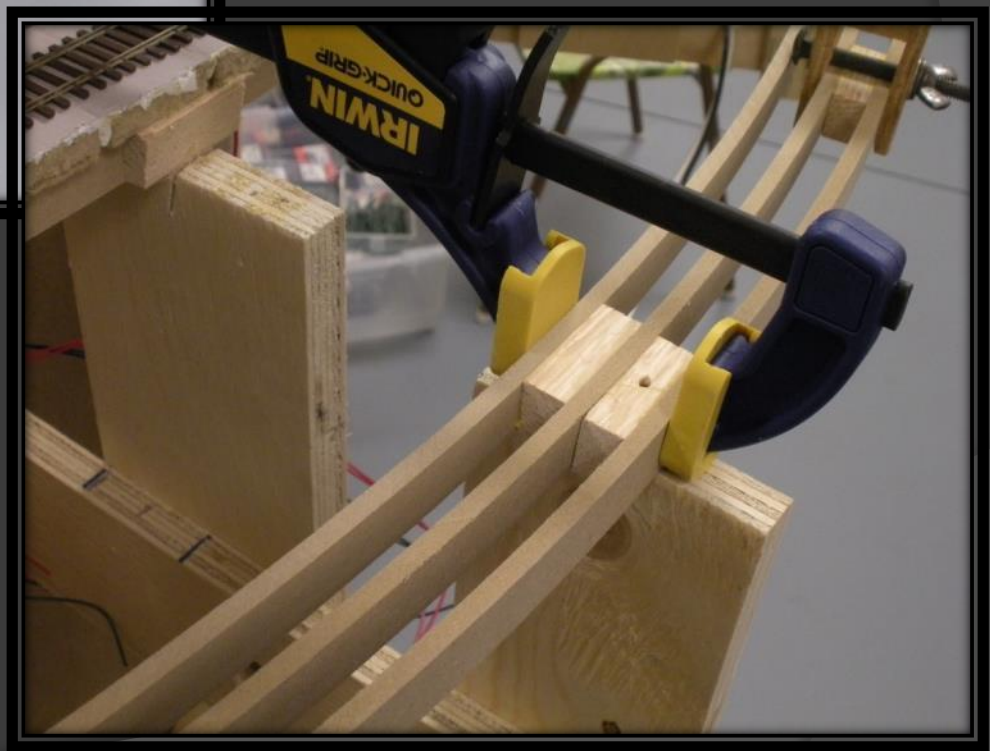
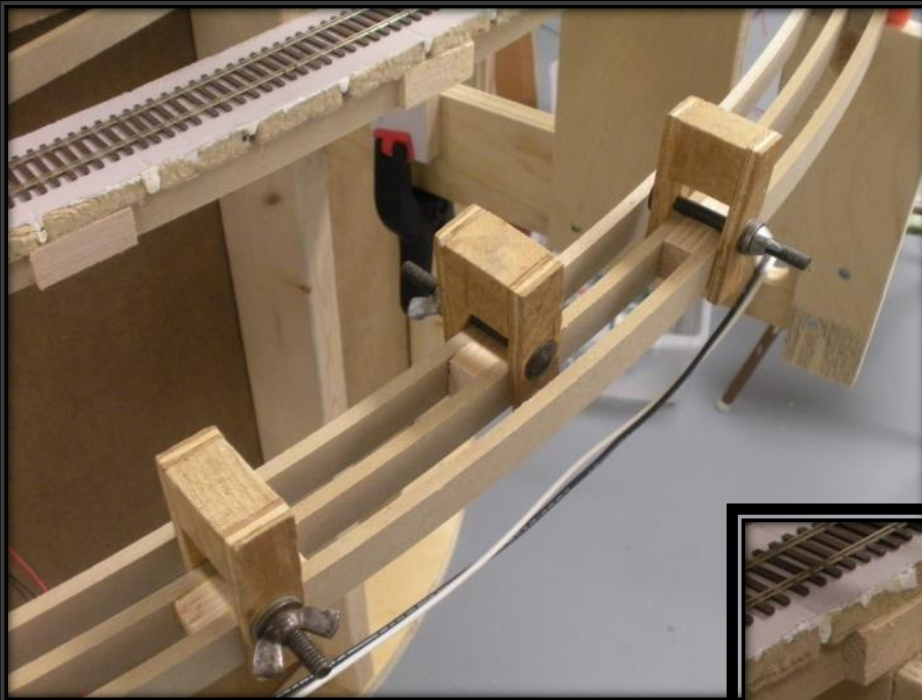


1/4" MDF board
in 4' x 8' sheets
Available at
Windsor Plywood





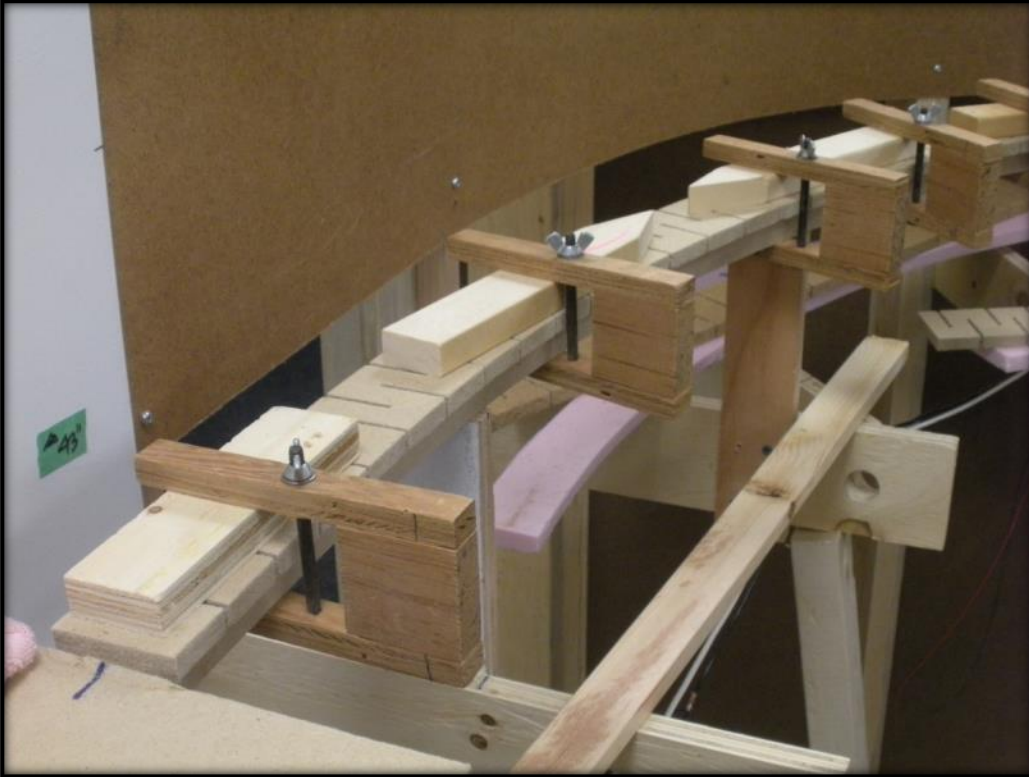




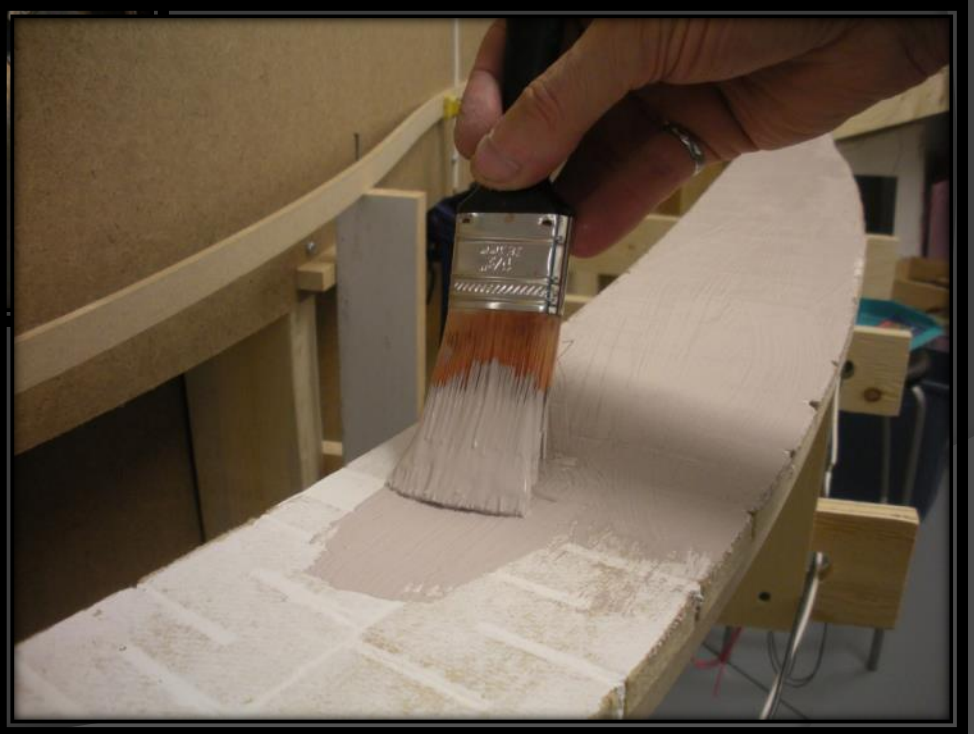




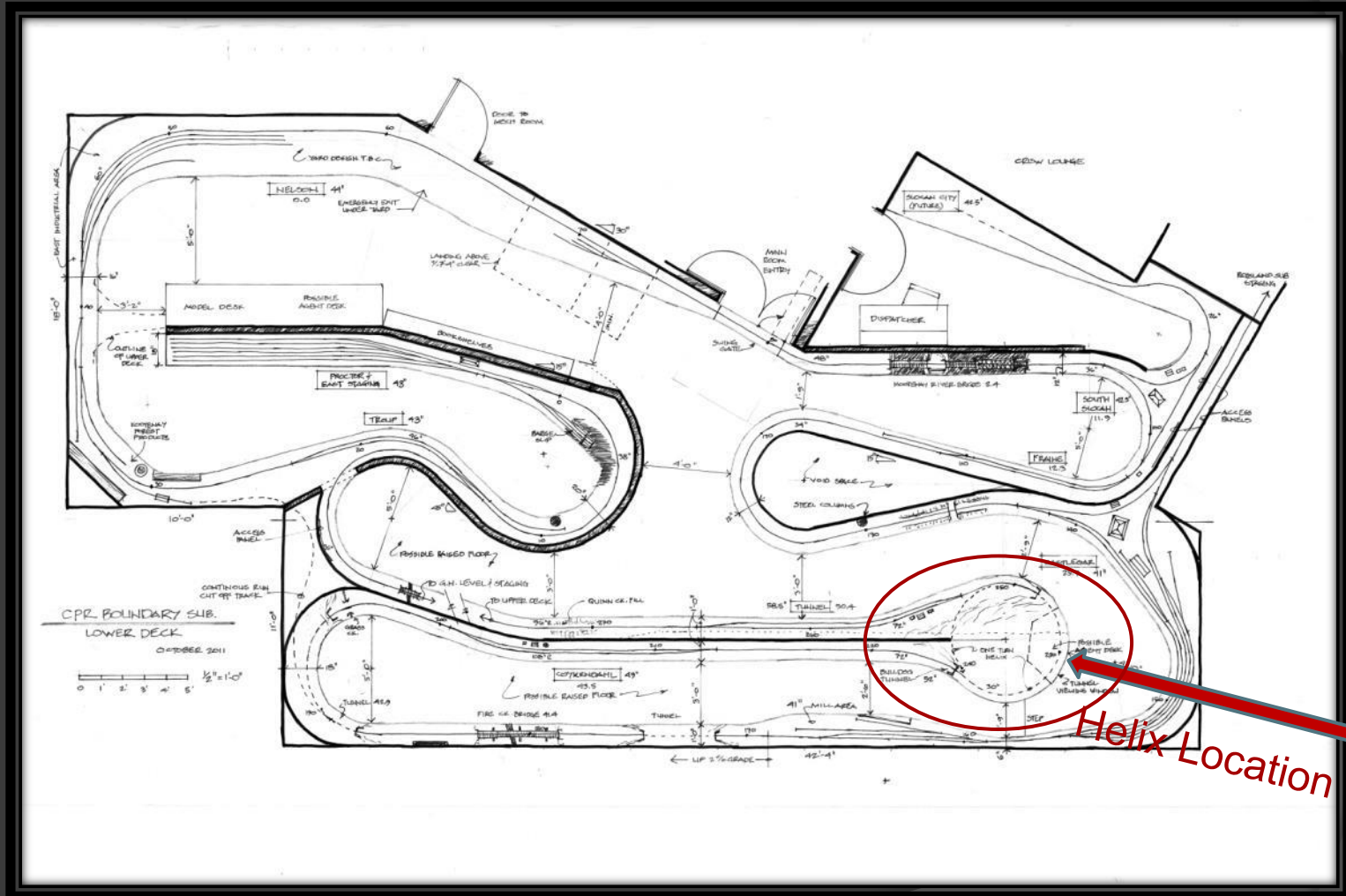


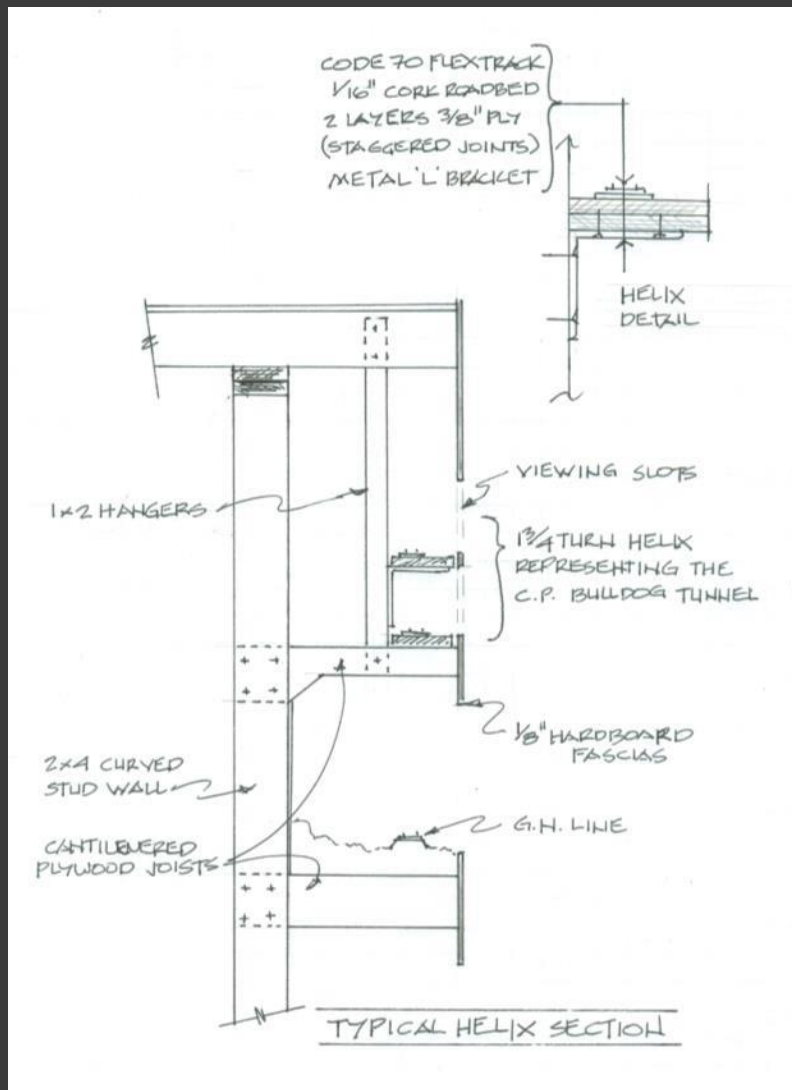


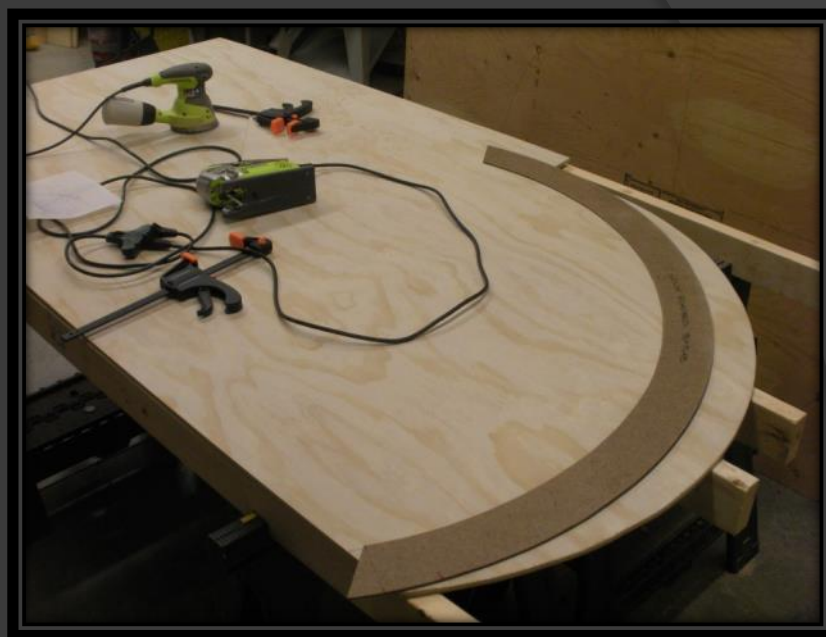
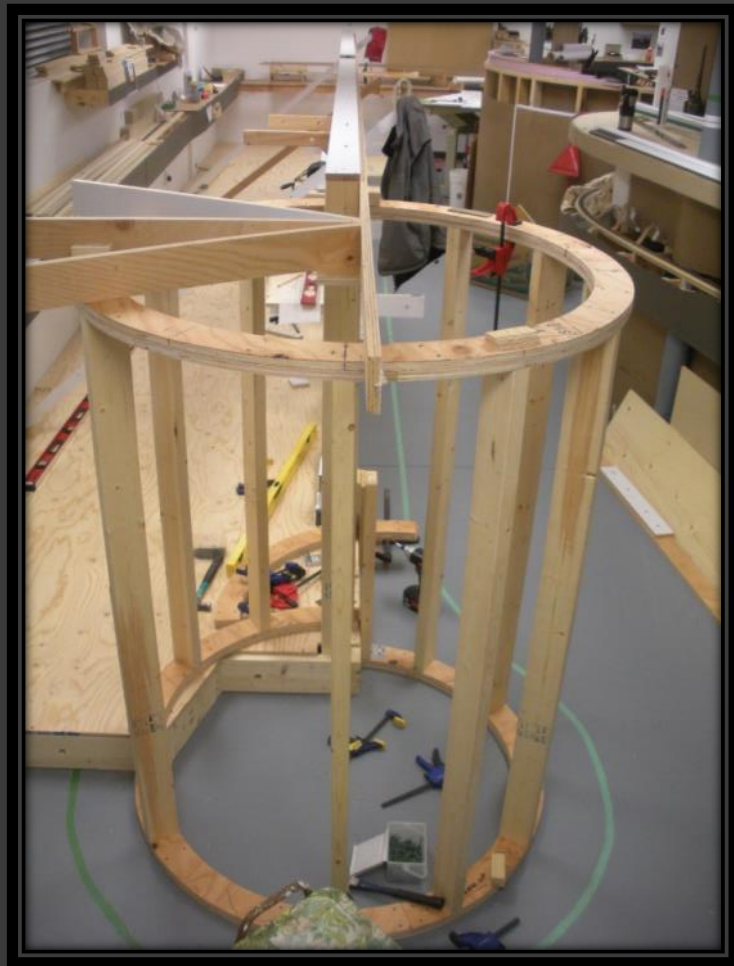


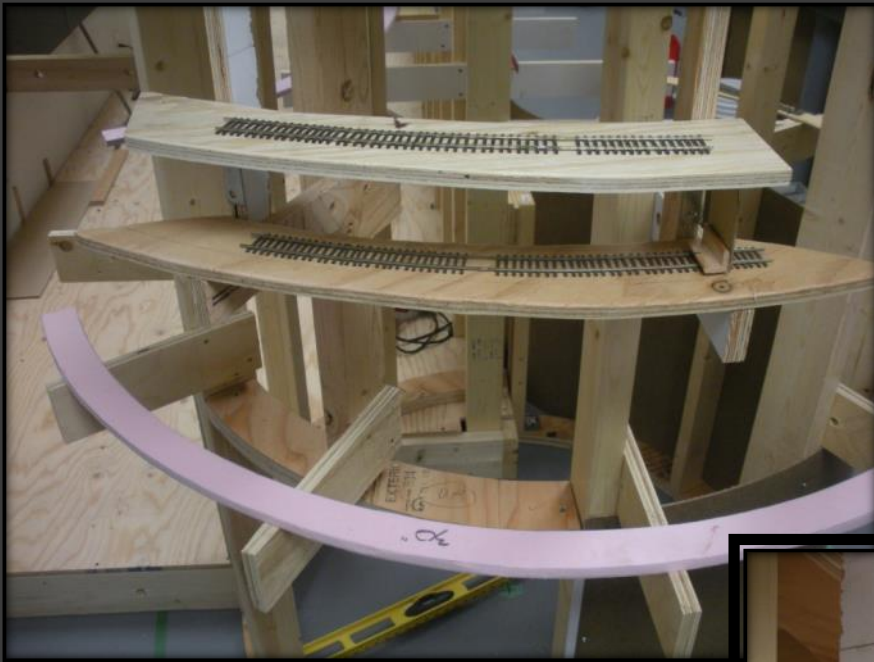


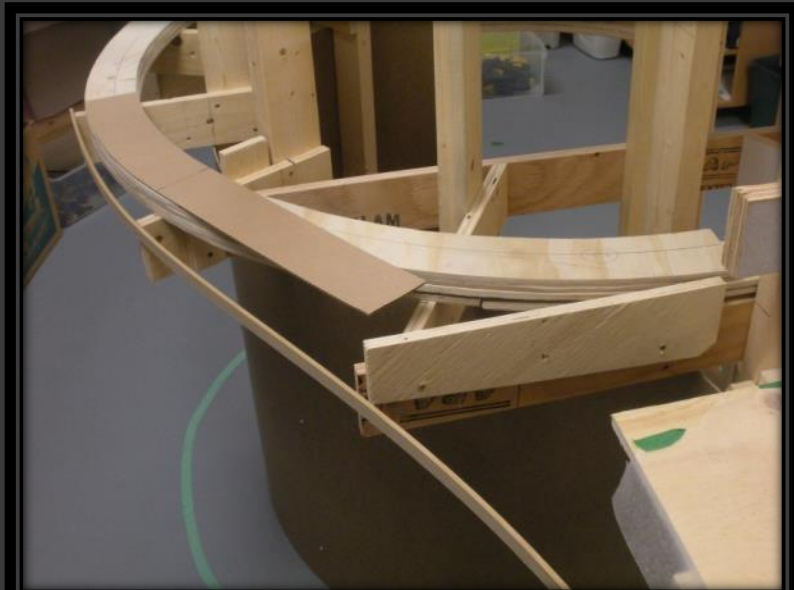
HELIX CONSTRUCTION



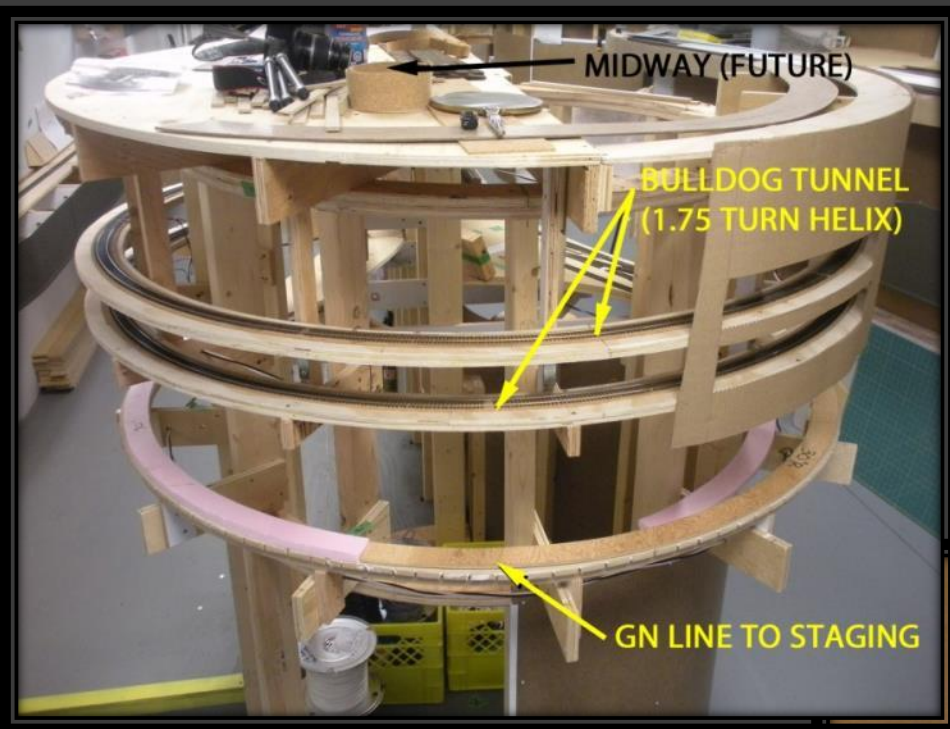






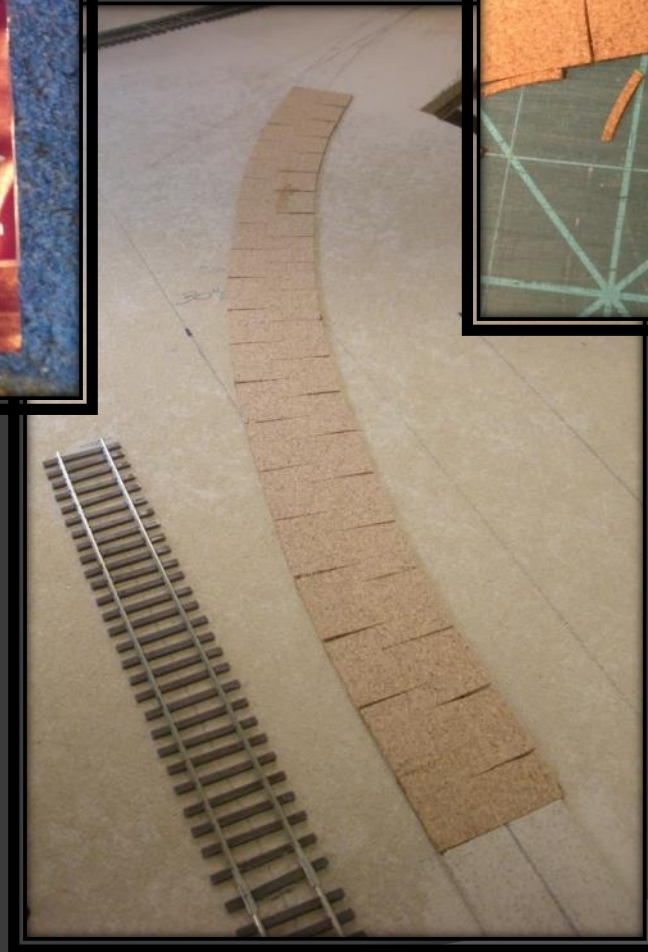
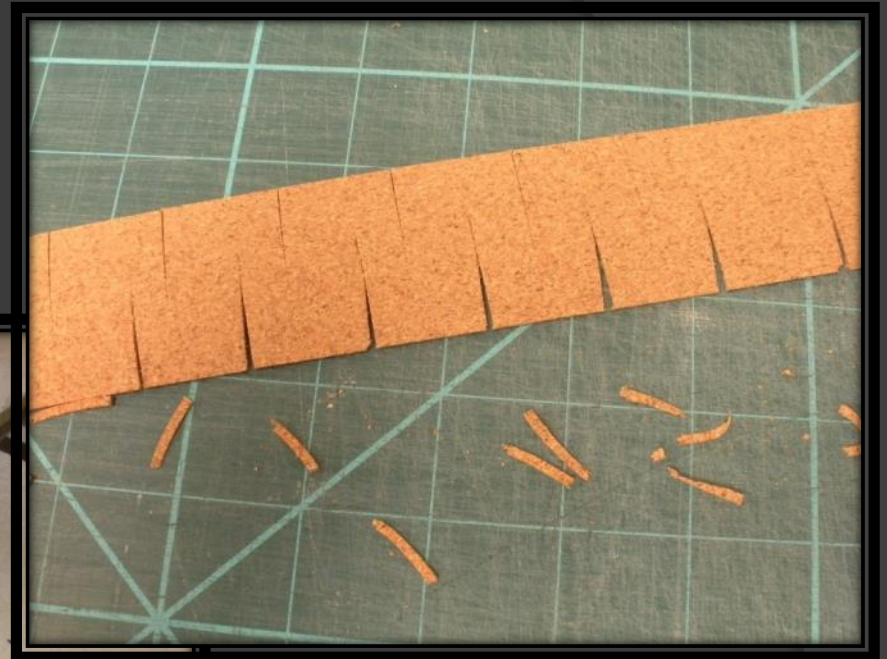


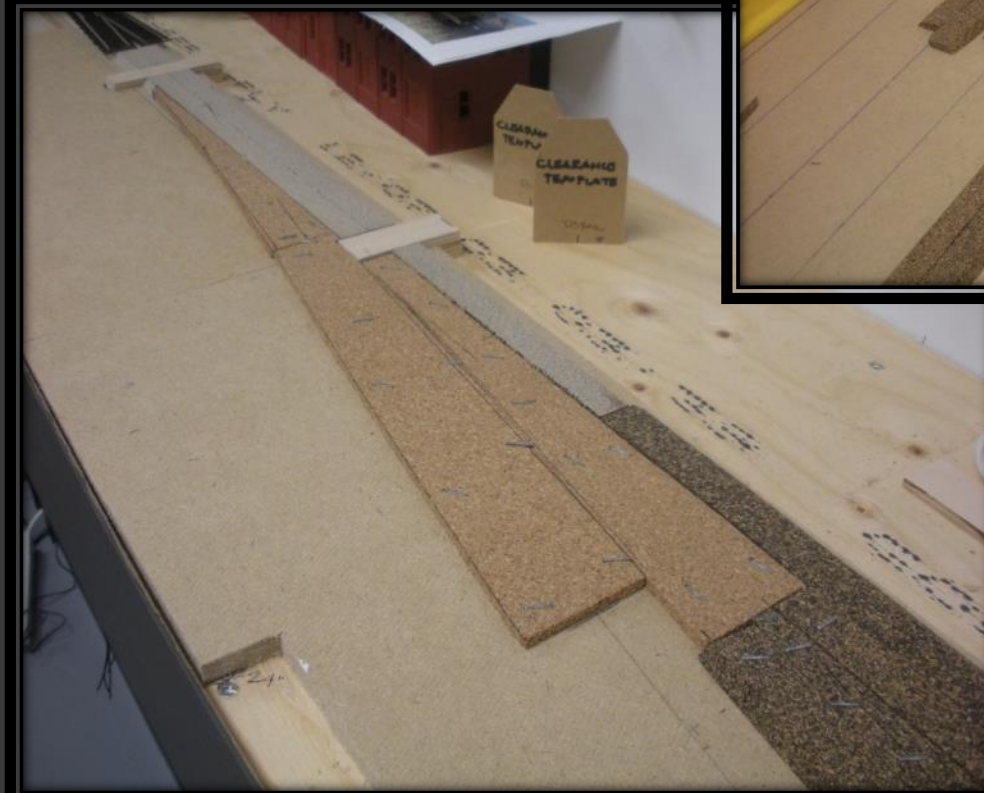




CORK ROADBED





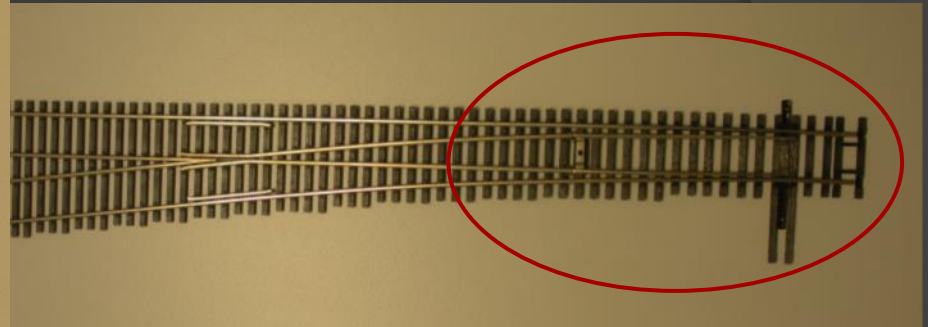
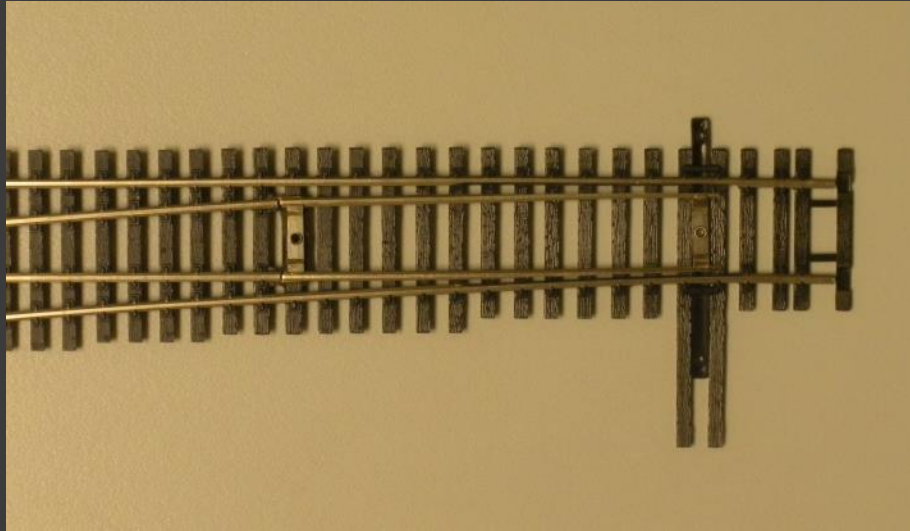




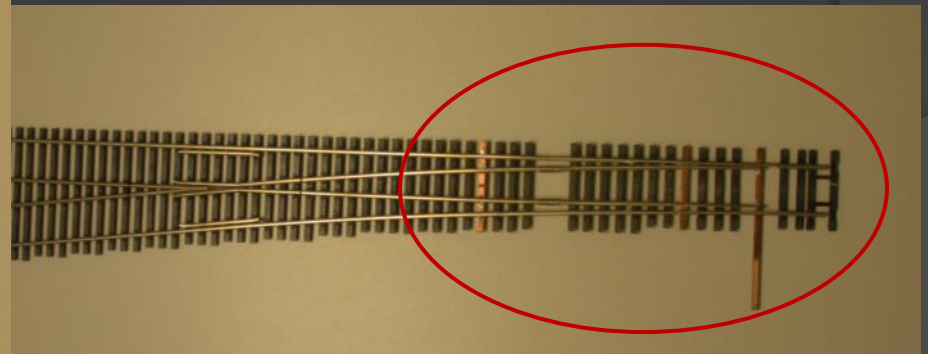
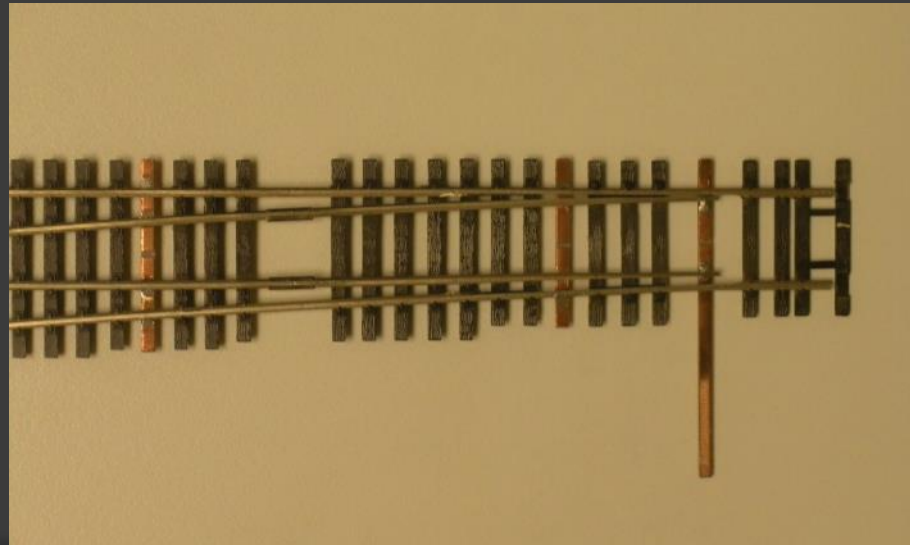




TURNOUT MODIFICATIONS

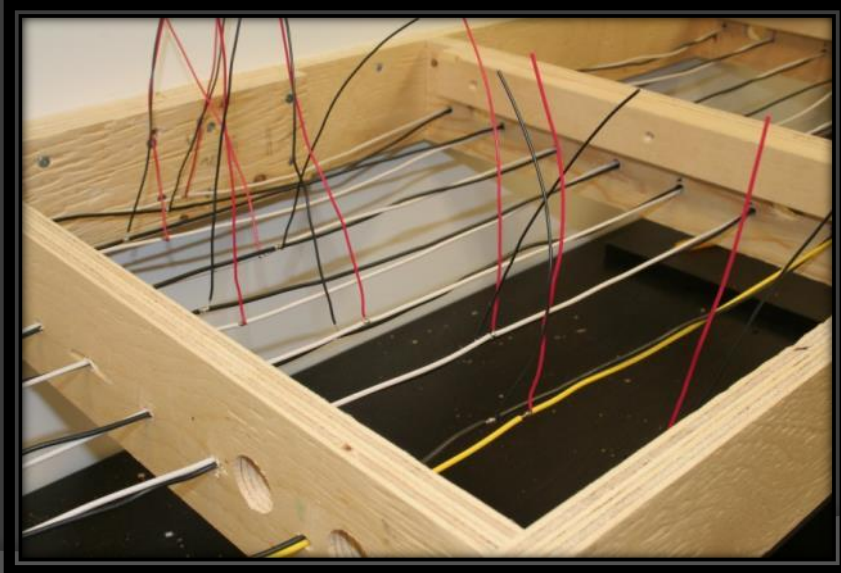
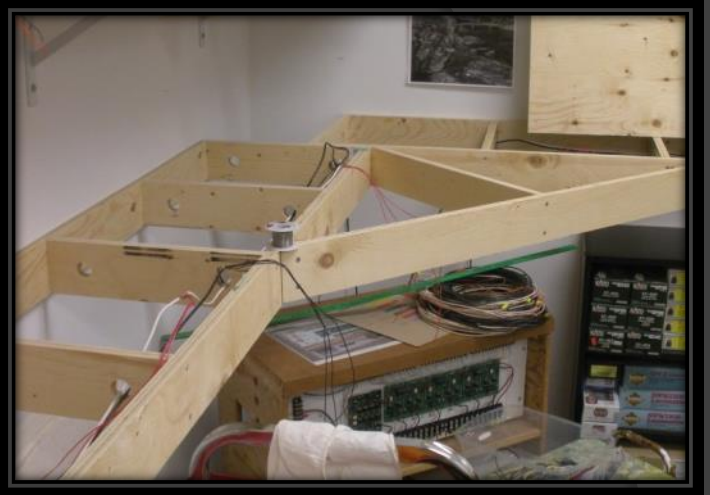


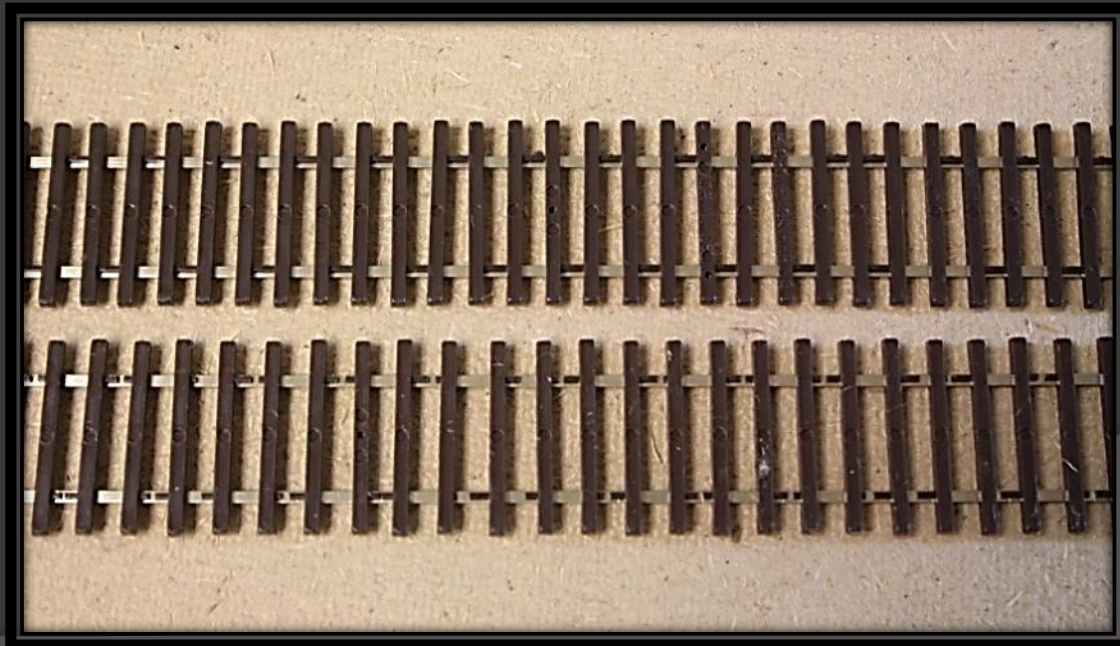
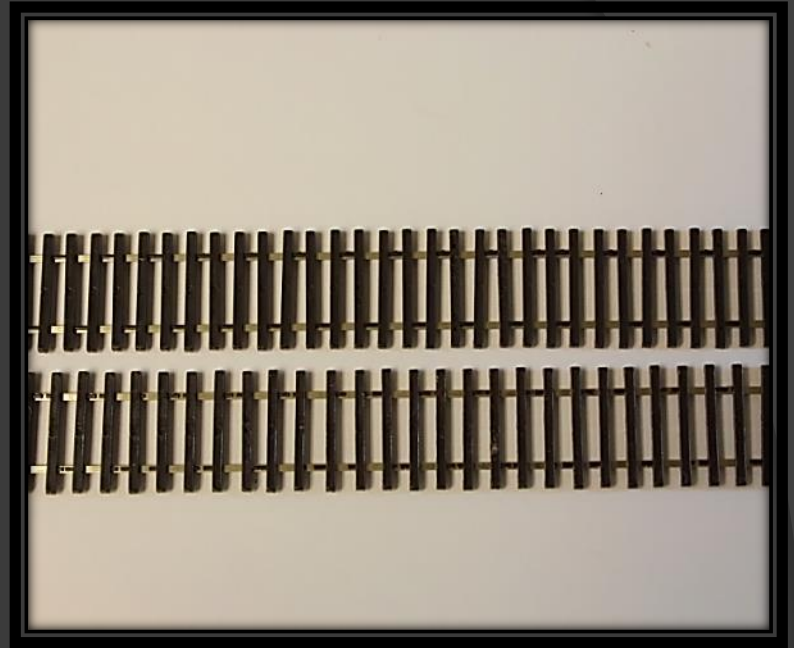
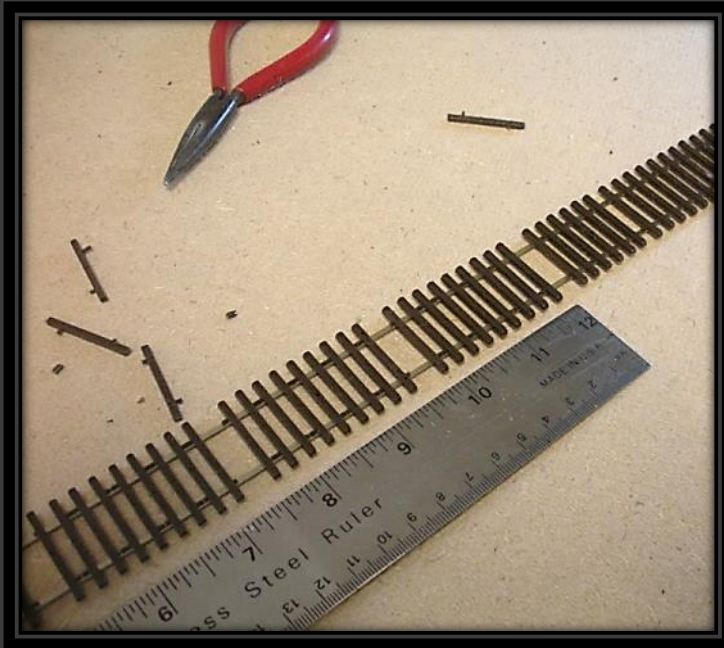
Stock Shinohara



Modified Shinohara

PRE-WIRING TECHNIQUES











Special
thanks to
all the
Helpers!





THANK YOU



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