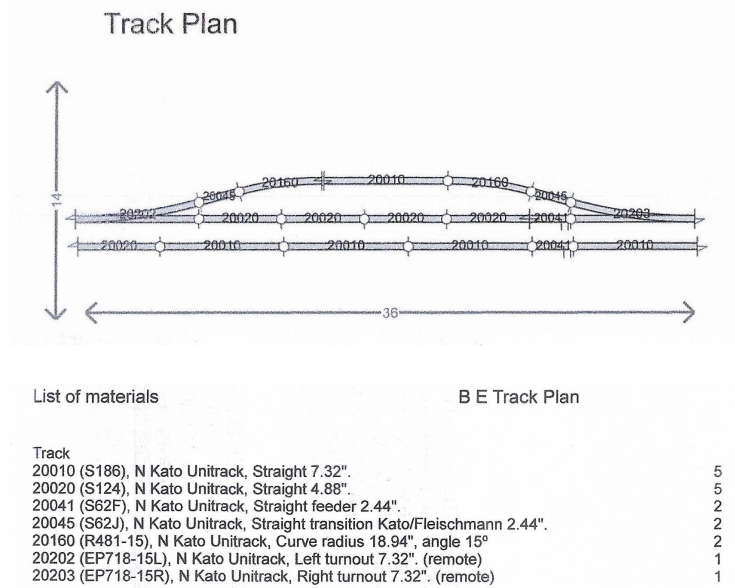


Months ago Civil engineers and construction crews showed up to finally start work clearing land for the Burlington Electric company. A second crew from New England Central Railroad appeared to begin the process of laying the track that will service this parcel of land.

Part 1

Having visited Burlington Electric the following track plan is a good likeness for my needs. After deciding to recreate Burlington Electric in N scale I looked to members with more experience for help in making a track plan. I Used "AnyRail" to modify the track plan by adding a 20160 and 20045 to each switch to move the unloading area farther from the mainline.



Part 2

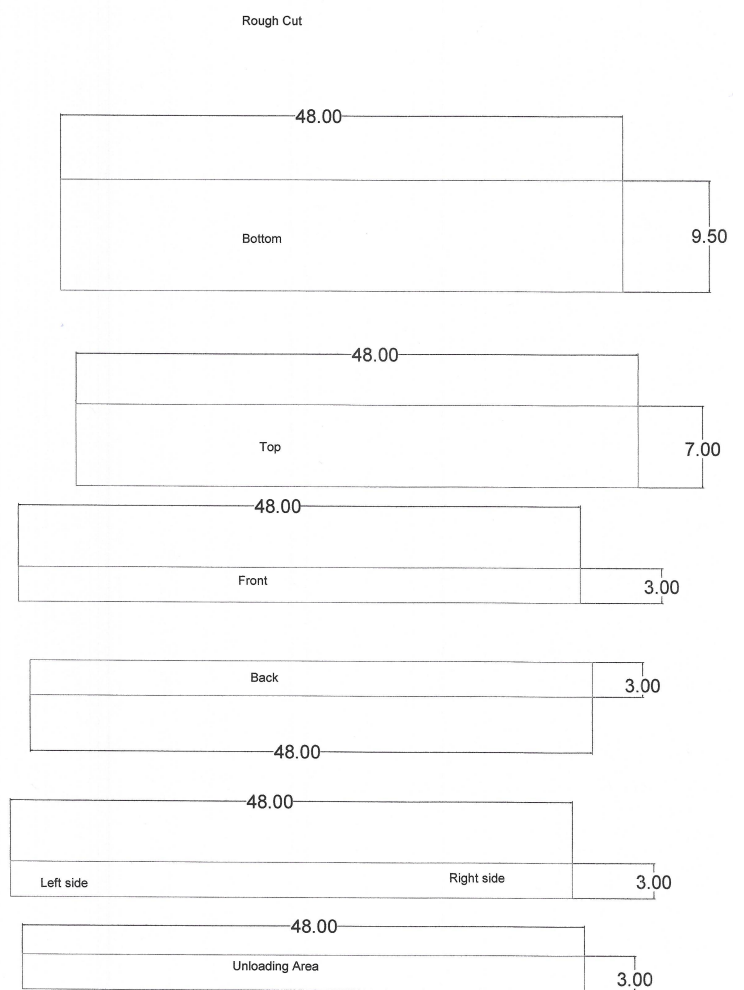
Material: (2) 24" x 48" sheets of Luan Plywood (available at home supply centers) Inches are in decimal form at times.

Step 1 Creating my plan with simple cad software. Paper and Pencil work well too!

Step 2 Cut the 6 parts to the "Rough cut Dimensions" shown. Leaving our parts oversized now enables the (2) 48" x 3" and (2) 14" x 3" to be cut as pairs ensuring they are the same finished size.



48" X 24" LUAN PLYWOOD

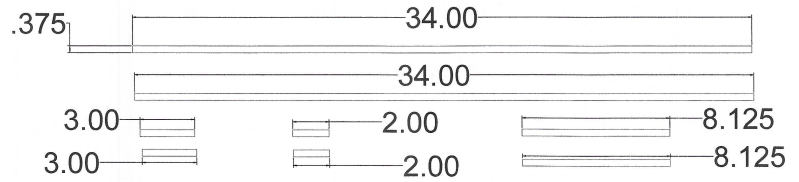


ROUGH CUT PARTS

Part 3

From 3/4 pine I cut supports

- (2) 3"
- (2) 2"
- (2) 8 1/8"
- (2) 34"



SUPPORTS

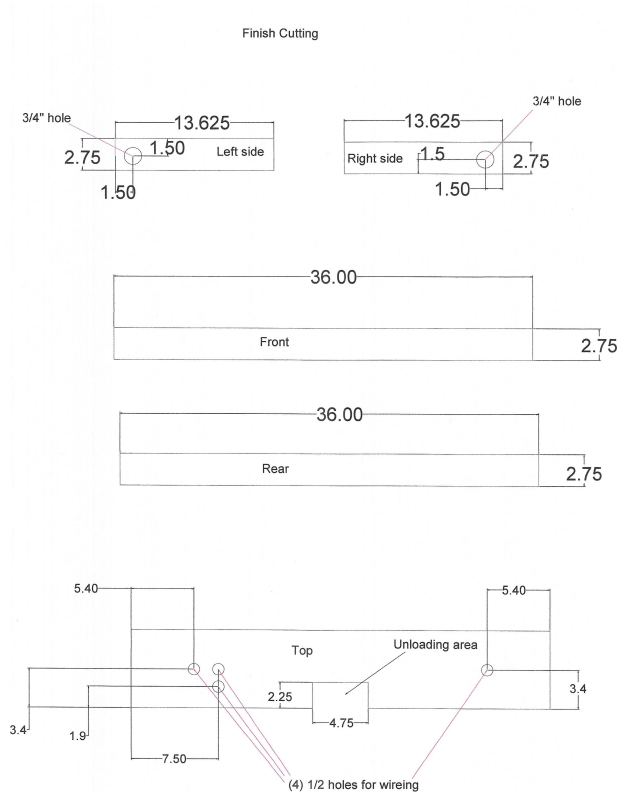
Part 4

Finish Cutting

From the rough cut parts cut (2) 36" x 2 3/4" Front and Rear plus (2) 13 5/8" x 2 3/4" Left and Right sides.

Next I add a 3/4" hole in each side for connecting wires to pass through.

Cut out section in top for unloading area and Drill (4) 3/4" holes for wiring in top.

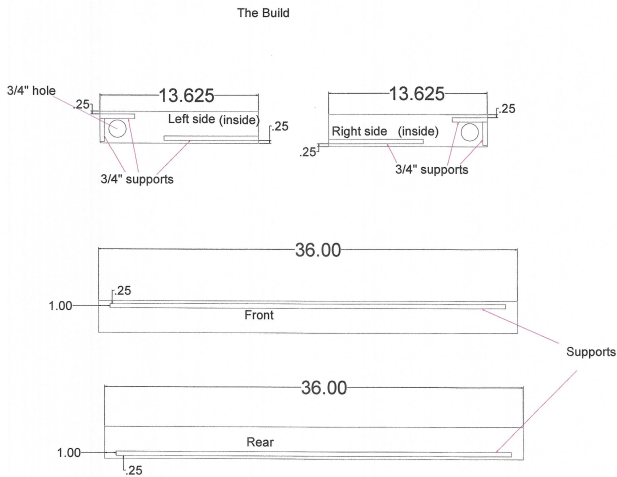


FINISHED PARTS TO DIMENSIONS

Part 5

The build

Each end left and right gets a 3", 2", and 8 1/8 support as shown.
Front and Back each get (1) 3/4" support.



BOTTOM VIEW WHEN FINISHED

ADDING SUPPORTS

Front , Rear and each side go together to form a rectangle. Left and right sides sit inside front and rear portions. The top rests upon its supports in front. The bottom rests on its supports.

Part 6

The bridge is a straight forward construction. Two sides and a base. From the base remove the center (parallel to sides) and (in the shape of an X). Leaving the cross members (parts perpendicular to the sides) so the wood chips can flow from the cars. Creating the unloading bridge requires a 5" bridge and track number 20010. Remove $5 \frac{3}{16}$ " from the center gray ballast section leaving a 1" section on each end. The rails are secured to each cross member with "Walthers Goo"

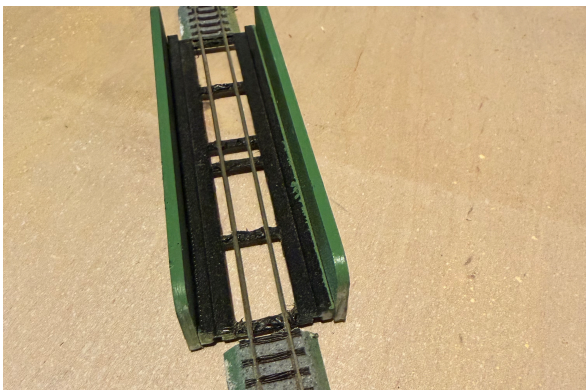


Held

BRIDGE BASE



**CENTER REMOVED FROM TRACK PART
NUMBER 20010**



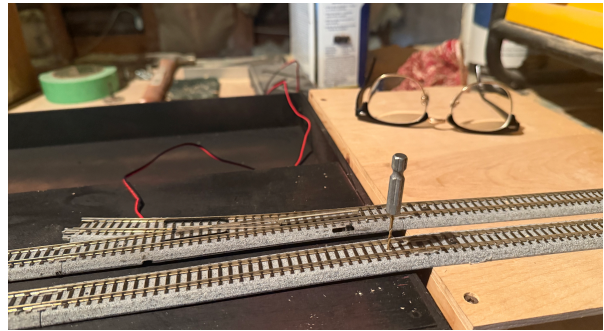
COMPLETED BRIDGE

Part 7

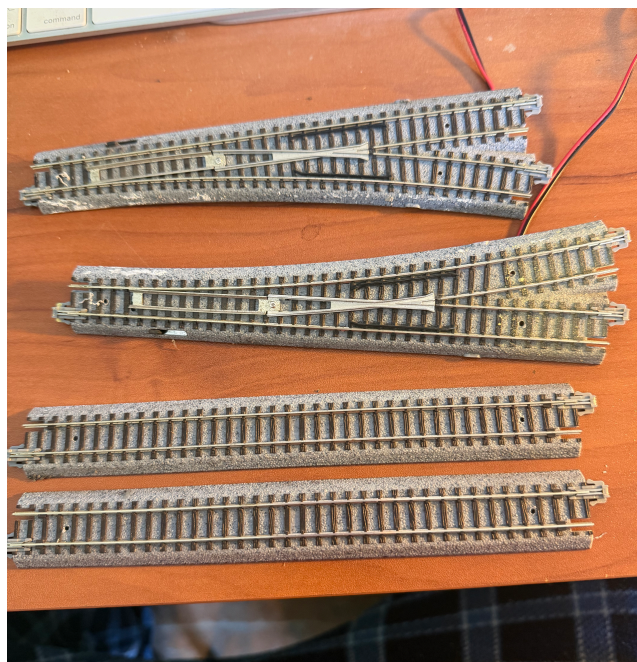
Mounting Unitrack to the top of our module commences with drilling holes in bosses on underside of track. Bosses are located in the center near track ends. They look like they have holes in them but need to be finish drilled with a 1/16" drill bit which accommodates a 2-56 x 3/8" screw.



VIEW OF 2 BOSSES



**DRILLING THROUGH BOSSES AND
PLYWOOD TOP**



**3 HOLES DRILLED IN EACH SWITCH AND 2
HOLES IN EACH STRAIGHT SECTION**

At last the ground work is finished and we are ready for architects, builders and materials to start construction on buildings that will inhabit this wonderful piece of land.

A big thank you goes out to

Ron Piro
Lew White
George King
Chris Weinburg

For their kindness and willingness to share their ideas.