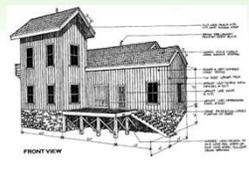


My Philosophy

The Client will own the Design Data and the work product.

- Design Details
- Scale Drawings
- Bill of Materials and Sources
- Proof-of-Principle Model (usually a paper mock-up)
- Research materials (some copyrighted)
- The Finished Model – within Specifications

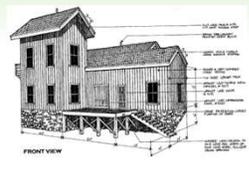
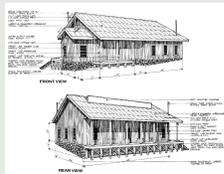


First Contact

- The Association of Professional Model Makers (APMM)
- Fine Scale Modeler
- Model Railroader
- Trains
- Most of the White River Productions magazines

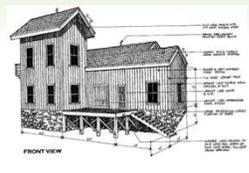
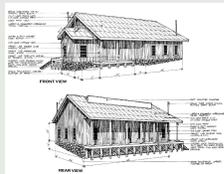
These are usually consulted to find commissioned builders – especially for model railroads.

[Unfortunately, APPM ceased operations Dec 2025]



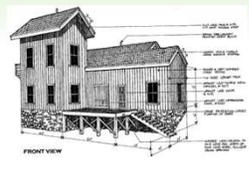
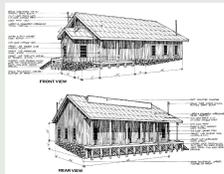
The Interview

- The Client is interviewed (phone, email, Zoom, or WhatsApp)
- Details are collected from the interview
 - Scale
 - Era
 - Type of structure – factory, house, store, ??
 - Material – wood, brick, metal, stone, block, . .
 - Size – small (5'-20'), medium (20'-40'), large (40'+)
 - Detail – outside only, interior finished, lift roofs or sides
- These are the main starting points for estimates for the Client [and the amount of work for the Builder]



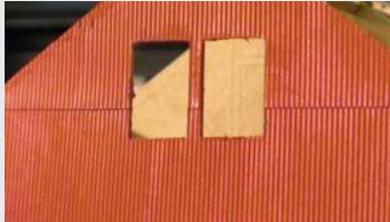
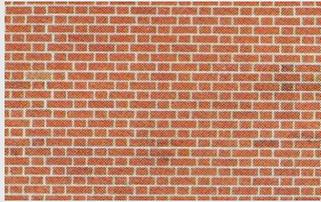
Research

- Initial search of public domain drawings, designs of structures, and schematics of buildings generally meeting the Client parameters
 - Small town archives on the internet
 - Educational institutes materials
 - City archives online
 - Personal designs for odd specifications or additions
- Gather and provide 10-15 designs for Client
- The Client makes choice(s) and the fun begins

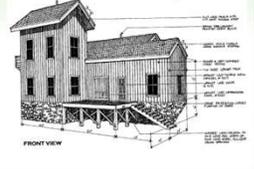
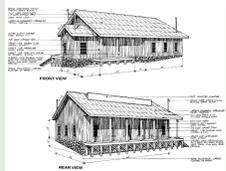


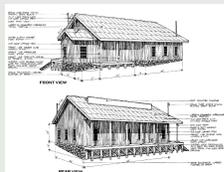
More Choices

Sidings

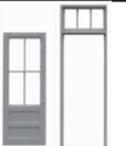


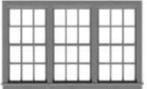
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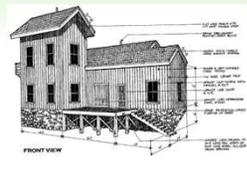




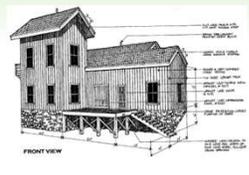
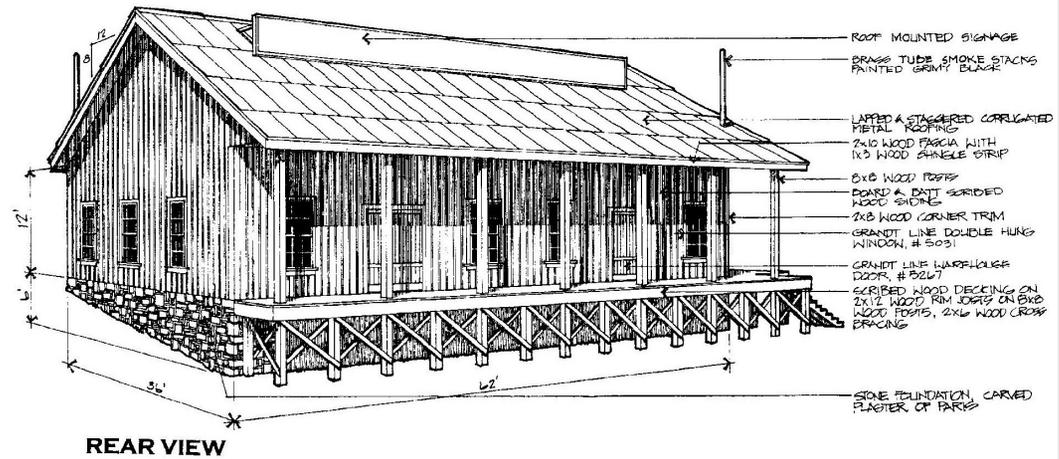
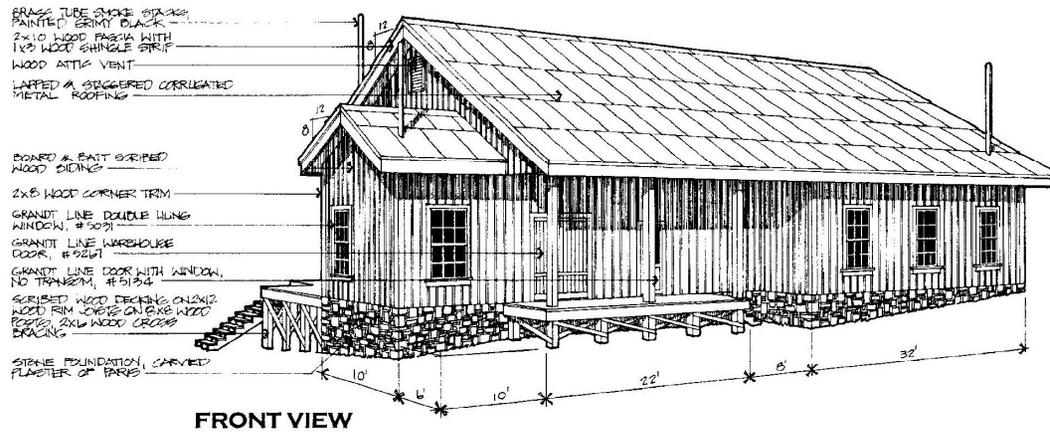
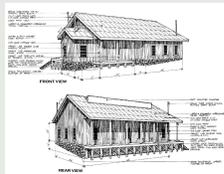
Doors & Windows

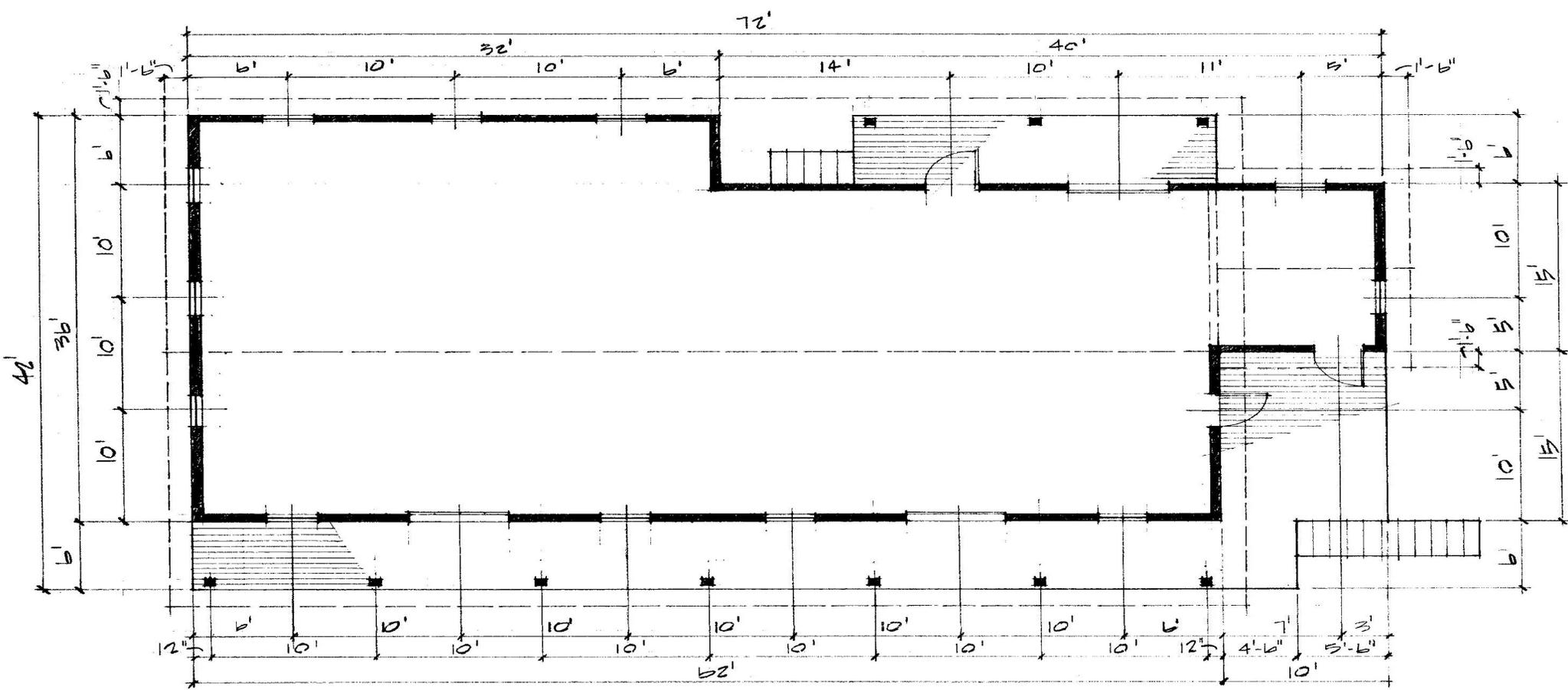
 <p>4 LITE DOOR WITH 2 LITE TRANSOM 30" W x 100" H .38" x 1.16" OPENING</p> <p>TTG #8033 6 PCS \$3.50</p>	 <p>BAGGAGE DOOR WITH TRANSOM 96" W x 96" H 1.20" x 1.36" OPENING</p> <p>TTG #8038 3 PCS \$3.50</p>	 <p>4 PANEL DOOR 36" W x 80" H .44" x .94" OPENING</p> <p>TTG #8049 6 PCS \$3.50</p>	 <p>2 LITE DOOR 36" W x 80" H .44" x .94" OPENING</p> <p>TTG #8050 6 PCS \$3.50</p>
 <p>16 LITE BAGGAGE DOOR & FRAME 96" W x 96" H 1.12" x 1.12" OPENING</p> <p>TTG #8053 3 SETS \$3.50</p>	 <p>LOADING DOCK DOOR & FRAME 78" W x 78" H 1.1" x 1.07" OPENING</p> <p>TTG #8066 3 SETS \$3.50</p>	 <p>4 PANEL UTILITY DOOR 36" W x 60" H .5" x .7" OPENING</p> <p>TTG #8108 6 PCS \$3.50</p>	
 <p>DBL DOOR/TRANSOM 72" W x 115" H .875" x 1.36" OPENING</p> <p>TTG #8111 3 PCS \$3.50</p>	 <p>1 LITE DOOR/TRANSOM WITH STEEL SHUTTERS 50" W x 115" H .57" x 1.3" OPENING</p> <p>TTG #8112 3 SETS \$3.50</p>	 <p>1 LITE DOOR/TRANSOM 36" W x 80" H .47" x 1.175" OPENING</p> <p>TTG #8116 3 SETS \$3.50</p>	 <p>4 LITE DOOR/TRANSOM MASONRY FRAME 39" W x 92" H .5" x 1.35" OPENING</p> <p>TTG #8118 3 SETS \$3.50</p>

 <p>WORK CAR WINDOW 18" W x 28" H .26" x .37" OPENING</p> <p>TTG #8068 12 PCS \$3.50</p>	 <p>2 PANE WINDOW 36" W x 9" H .5" x .152" OPENING</p> <p>TTG #8074 12 PCS \$3.50</p>	 <p>6 LITE WINDOW 42" W x 36" H .52" x .47" OPENING</p> <p>TTG #8010 12 PCS \$3.50</p>	 <p>6 LITE ATTIC WINDOW 28" W x 26" H .37" x .33" OPENING</p> <p>TTG #8023 12 PCS \$3.50</p>
 <p>2 1/2 ARCH TOP WINDOW 30" W x 60" H .39" x .71" OPENING</p> <p>TTG #8072 10 PCS \$3.50</p>	 <p>6/6 DBL HUNG WINDOW 36" W x 64" H .46" x .78" OPENING</p> <p>TTG #8024 12 PCS \$3.50</p>	 <p>DOUBLE UNIT 8024 79" W x 64" H .94" x .78" OPENING</p> <p>TTG #8159 6 PCS \$3.50</p>	 <p>TRIPLE UNIT 8024 120" W x 64" H 1.42" x .78" OPENING</p> <p>TTG #8161 3 PCS \$3.50</p>
 <p>2 1/2 DBL HUNG WINDOW 30" W x 62" H .36" x .75" OPENING</p> <p>TTG #8025 12 PCS \$3.50</p>	 <p>DOUBLE UNIT 8025 64" W x 62" H .75" x .75" OPENING</p> <p>TTG #8103 6 PCS \$3.50</p>	 <p>TRIPLE UNIT 8025 98" W x 62" H 1.14" x .75" OPENING</p> <p>TTG #8104 3 PCS \$3.50</p>	 <p>4/4 DBL HUNG WINDOW 32" W x 54" H .43" x .68" OPENING</p> <p>TTG #8014 6 PCS \$3.50</p>



The Chosen One

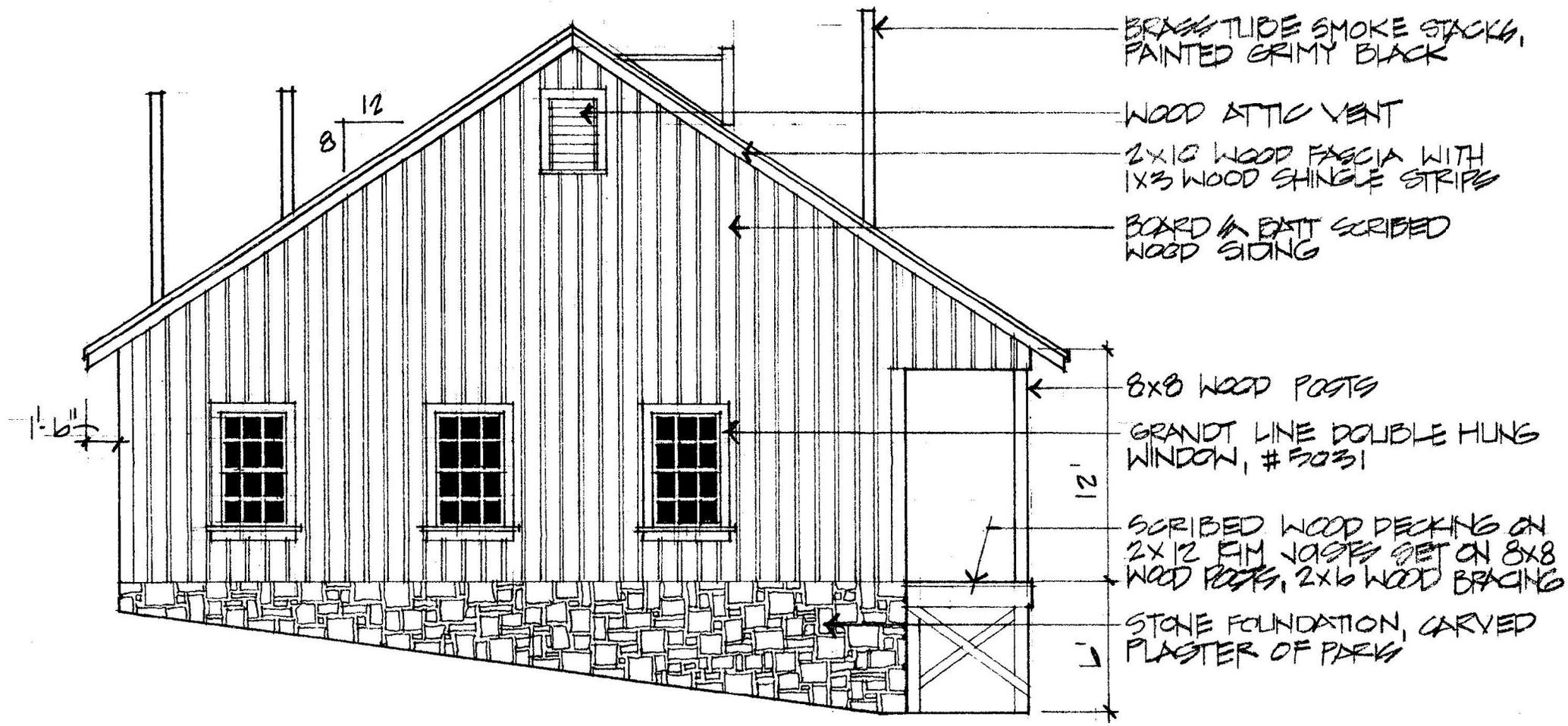




PLAN VIEW



GRAPHIC SCALE



LEFT SIDE ELEVATION
TO SCALE

LAPPED & STAGGERED CORRUGATED METAL ROOFING

BOARD & BATT SIDING WOOD SIDING

8x8 WOOD POSTS

2x8 WOOD CORNER TRIM

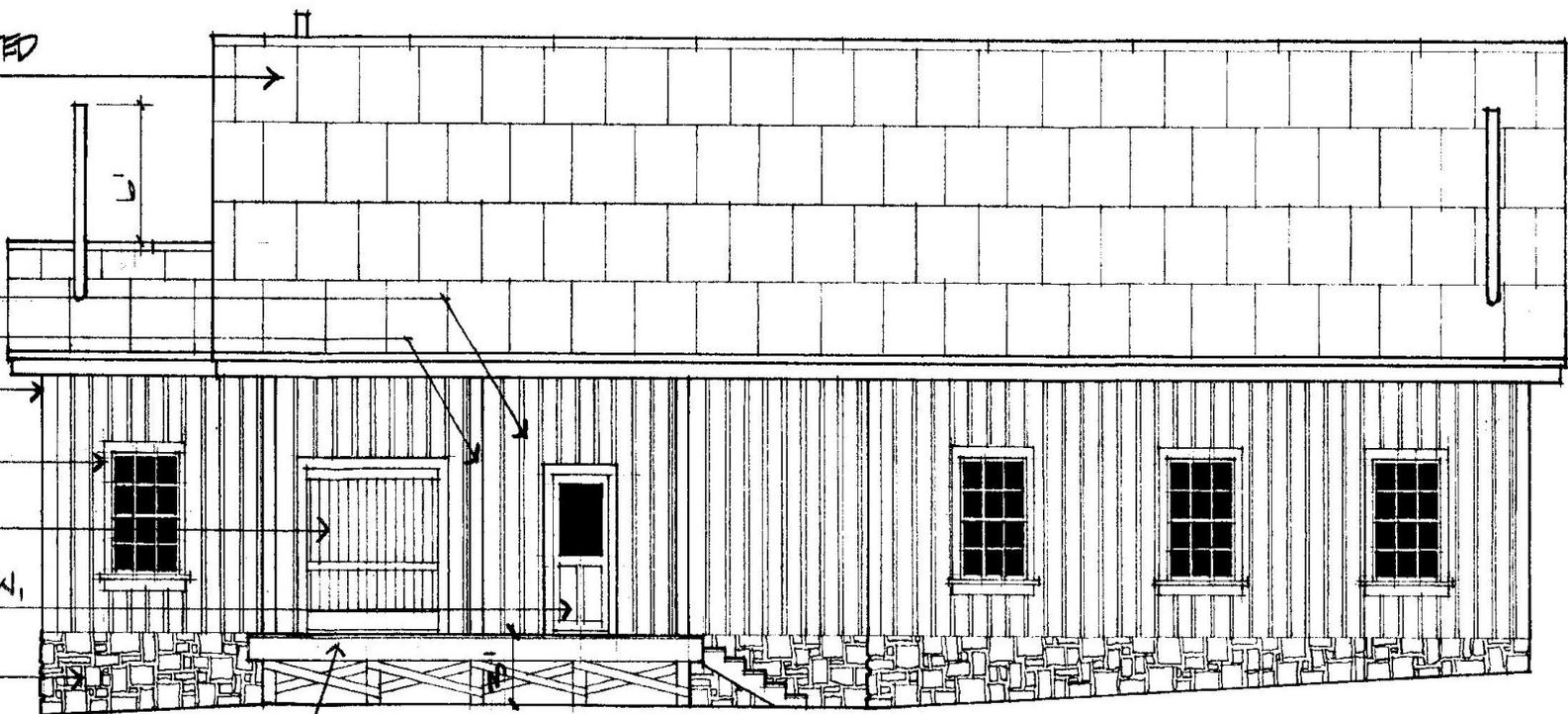
GRAND LINE DOUBLE HUNG WINDOW, # 5031

GRAND LINE WAREHOUSE DOOR, # 5267

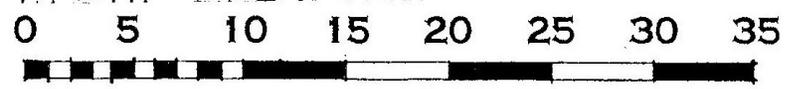
GRAND LINE DOOR WITH WINDOW, NO TRANSOM, # 5134

STONE FOUNDATION, CARVED PLASTER OF PARIS

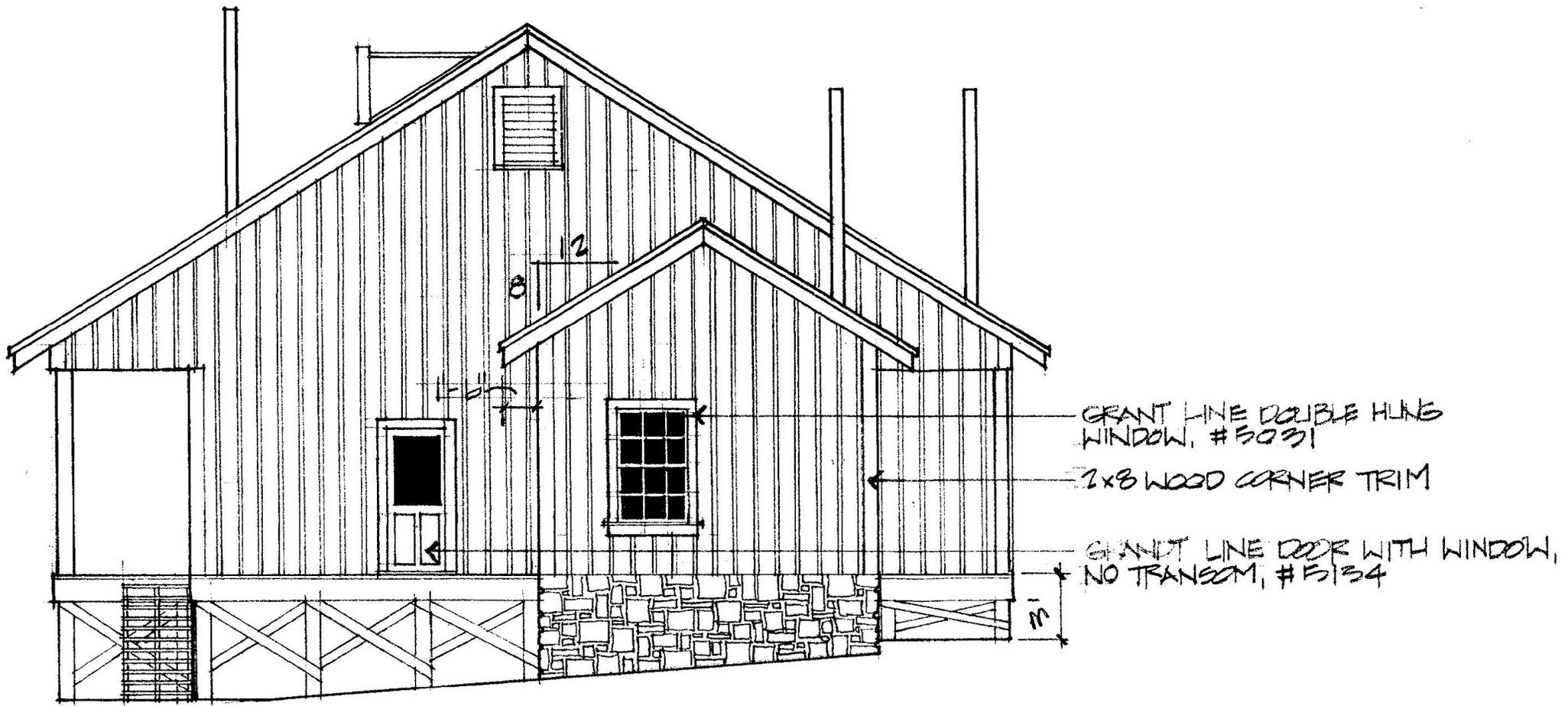
SCRIBED WOOD DECKING ON 2x12 WOOD RIM JOISTS ON 8x8 WOOD POSTS, 2x6 WOOD BRACING



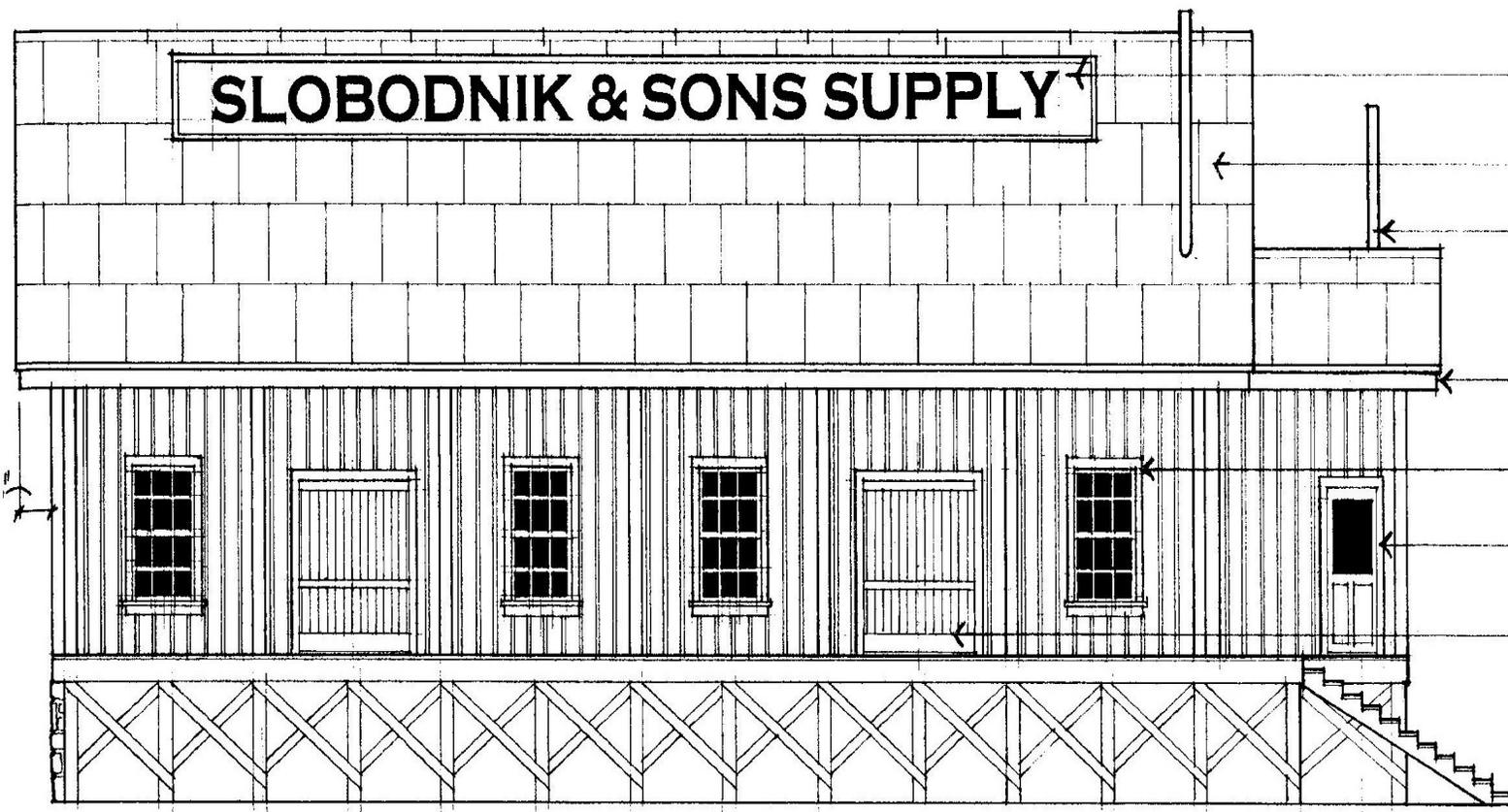
FRONT ELEVATION



GRAPHIC SCALE

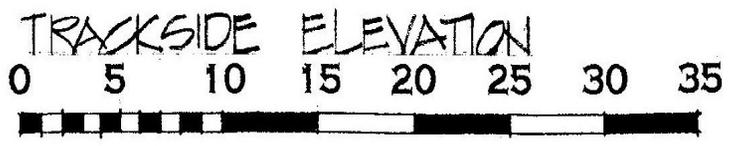


RIGHT SIDE ELEVATION
 NO SCALE

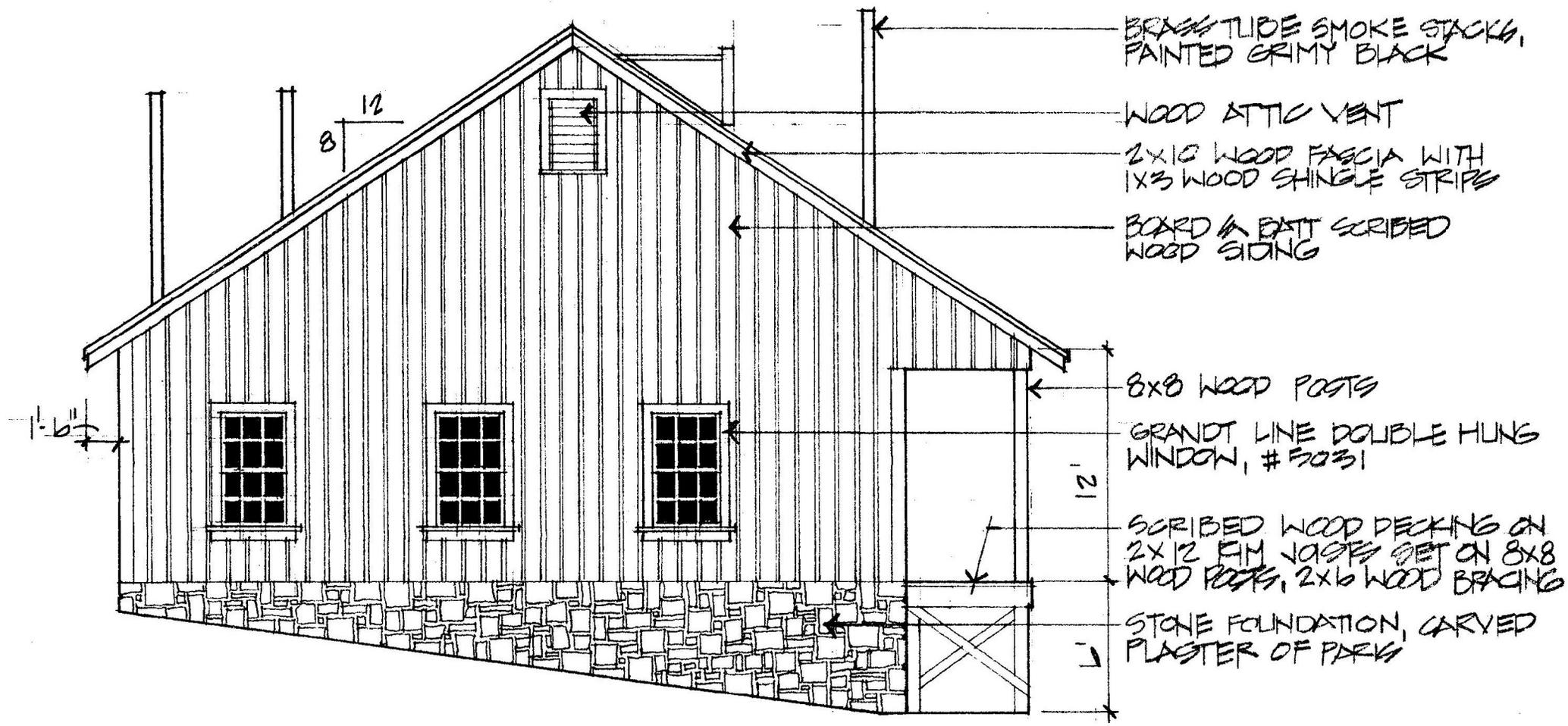


SLOBODNIK & SONS SUPPLY

- ROOF MOUNTED SIGNAGE
- LAPPED & STAGGERED CORRUGATED METAL ROOFING
- BRASS TUBE SMOKE STACKS, PAINTED GRIMY BLACK
- 2x10 WOOD FASCIA WITH 1x3 WOOD SHINGLE STRIP
- GRANT LINE DOUBLE HUNG WINDOW, # 5031
- GRANT LINE DOOR WITH WINDOW, NO TRANSOM, # 5134
- GRANT LINE WAREHOUSE DOOR, # 5267



GRAPHIC SCALE



BRASS TUBE SMOKE STACKS,
PAINTED GRIMY BLACK

WOOD ATTIC VENT

2X10 WOOD FASCIA WITH
1X3 WOOD SHINGLE STRIPS

BOARD & BATT SCRIBED
WOOD SIDING

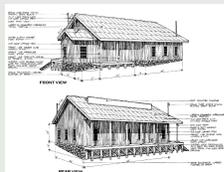
8X8 WOOD POSTS

GRAND LINE DOUBLE HUNG
WINDOW, #5031

SCRIBED WOOD DECKING ON
2X12 FIM JOISTS SET ON 8X8
WOOD POSTS, 2X6 WOOD BRACING

STONE FOUNDATION, CARVED
PLASTER OF PARIS

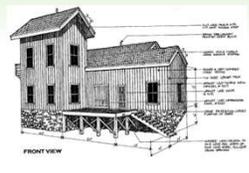
LEFT SIDE ELEVATION
TO SCALE

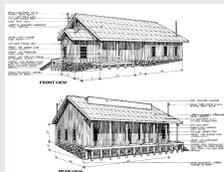


The Back and Forth

Decisions, decisions, advice, decisions

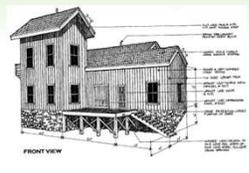
- With major choices made, next come the major details
 - Side Walls – Board and Batten real wood
 - Roof Style – Steel Sheet with tarred seams
 - Dock Material – 2'x12' boards real wood
 - Foundation – Rough Cut Stone embossed cardstock
- Advice
 - Roof stacks – wait for actual placement
 - Stairs – wait for placement
 - Gutters and Downspouts – add later if wanted





- Weathering

- Specific weathering add later when the entire scene is decided
- With other buildings in the area, decide on prevailing weather to know streaking direction
- Which way is north? – moss grows between NNW and NNE (SSW to SSE in southern hemisphere)



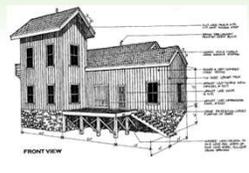
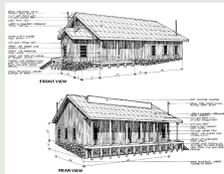
A Note About Materials

All drawings are presented to the client in-scale, in this case HO, 3.5mm = 1 foot, 1:87.0857142.

Can this be a problem? Each manufacturer of scale anything, has their own interpretation. Short answer – YES! Some are exact, some at 1:87.09, some at 1:87.1.

The Builder makes templates from manufacturers' dimensions or CAD drawings as drawing "blocks" and drops them onto the drawings matching centerlines.

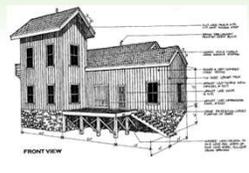
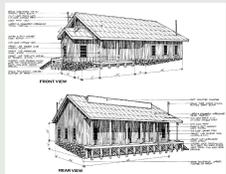
Adjustments are made from there.



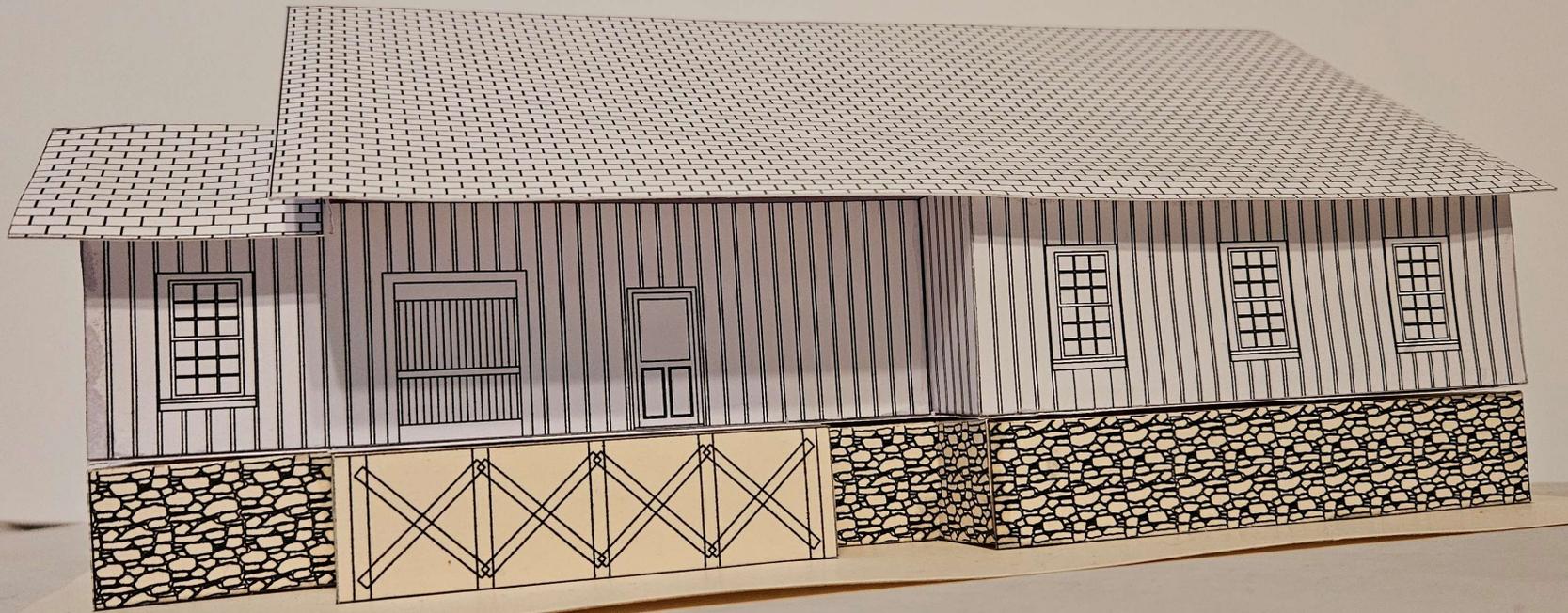
Paper Model



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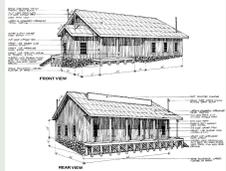






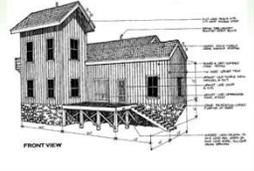
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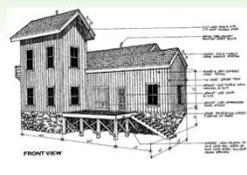
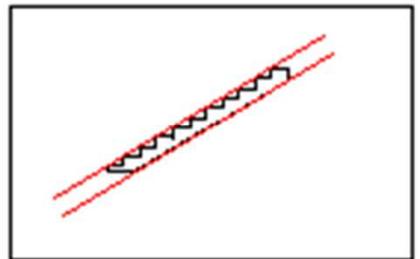
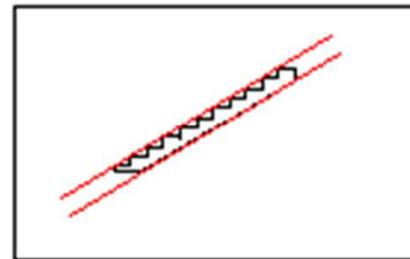
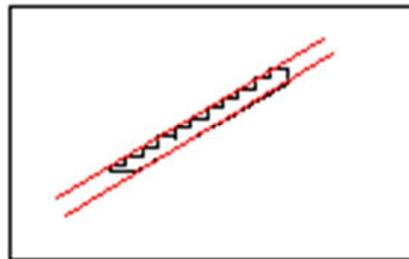
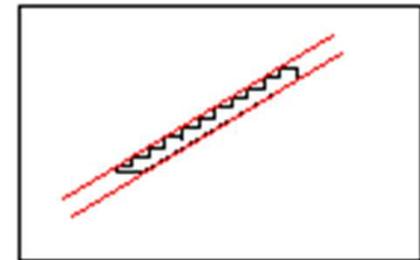
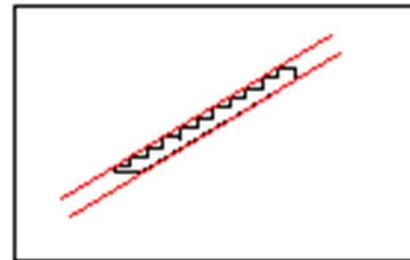
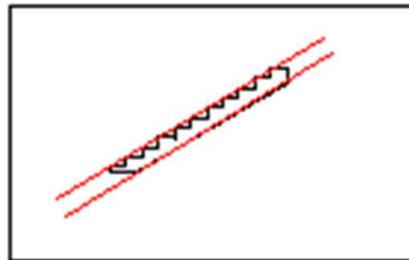
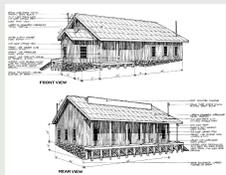
Drawings



HO scale Plat 1:87.0857142

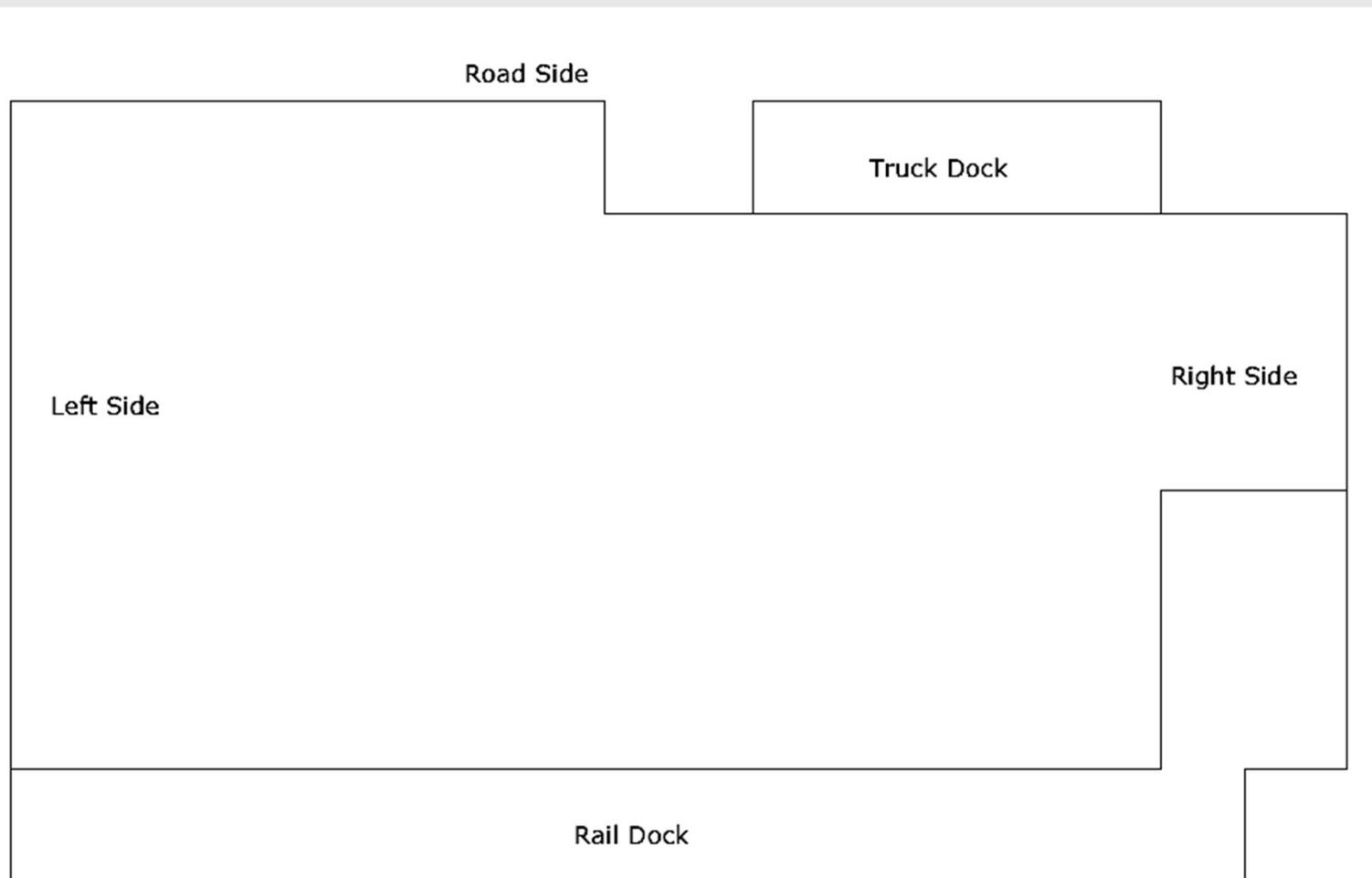
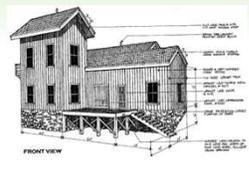
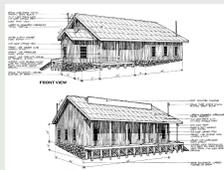
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HO Scale Stair Risers 1:87.0857142

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Road Side

Truck Dock

Left Side

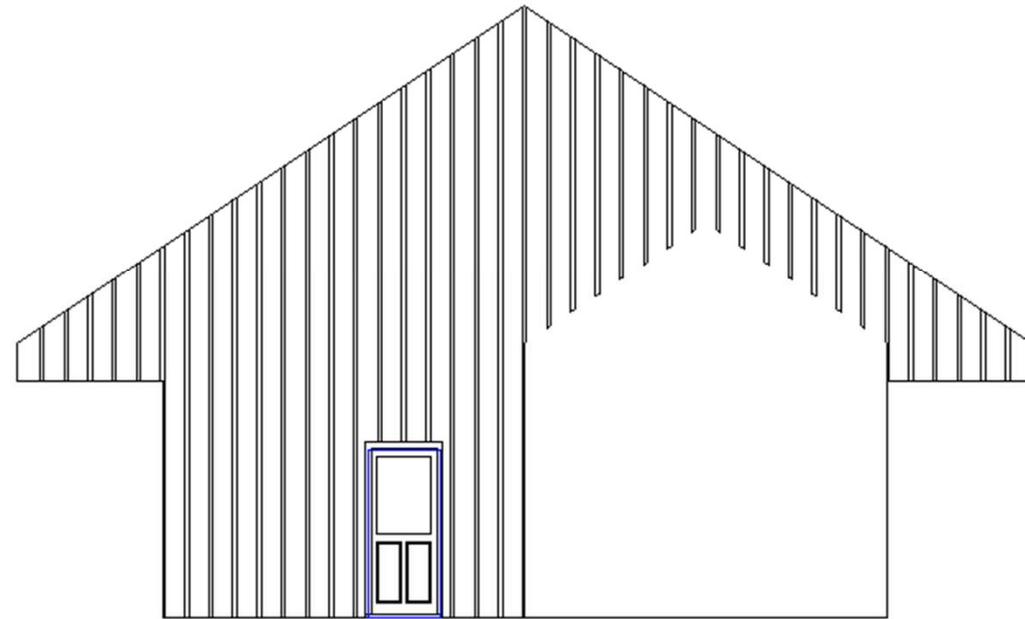
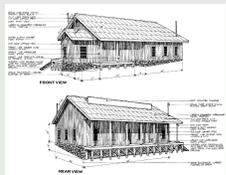
Right Side

Rail Dock

Track Side

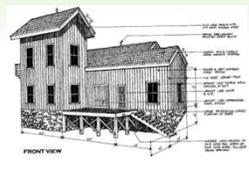
HO scale Overall Plat 1:87.0857142

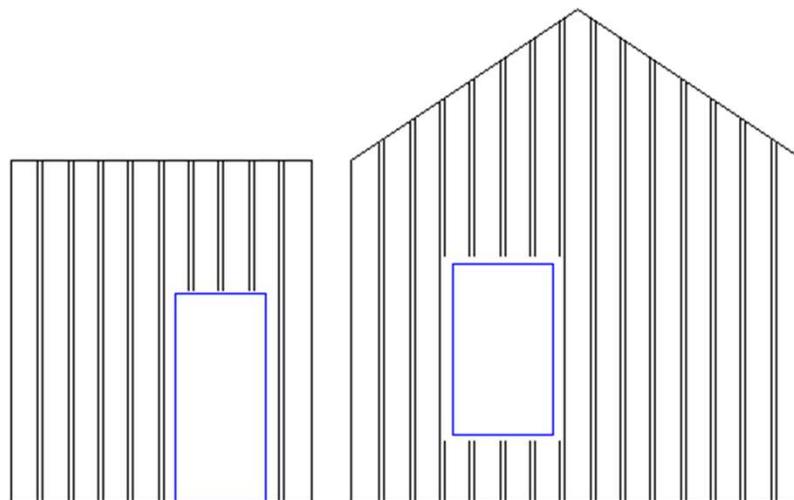
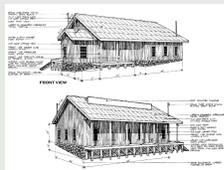
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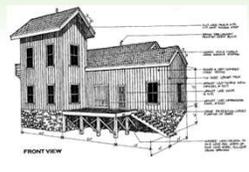
Right Side

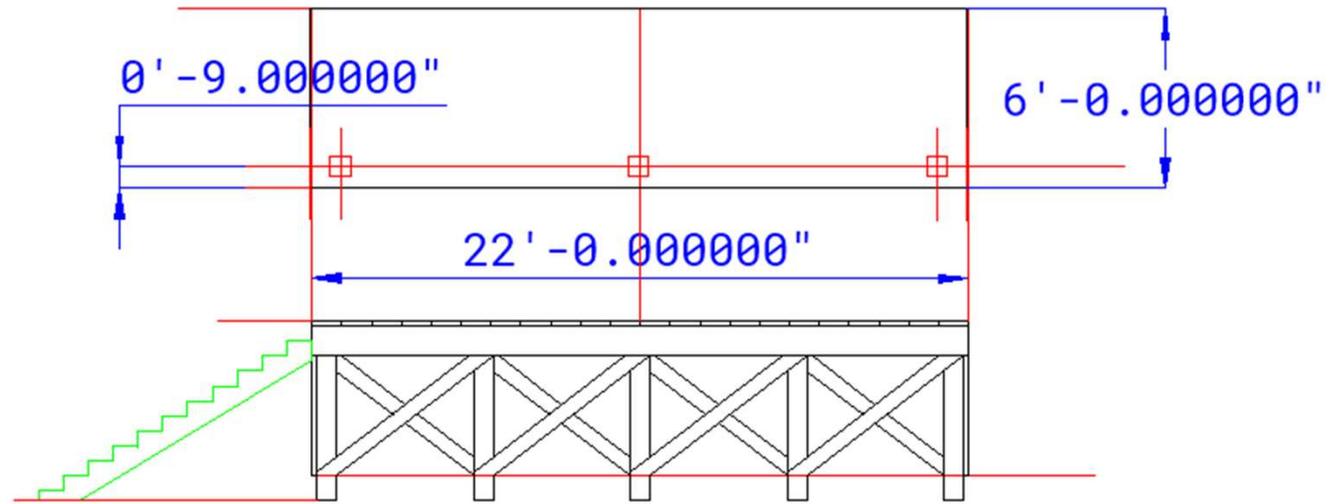
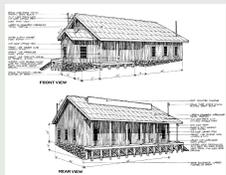
HO scale Right Side 1:87.0857142



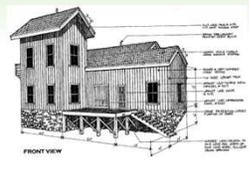


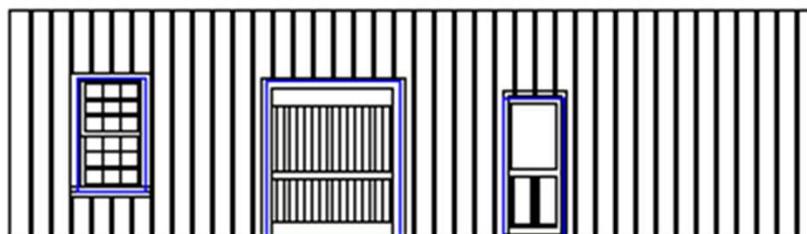
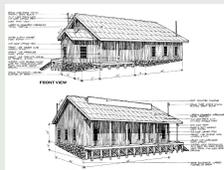
HO scale Office 1:87.0857142



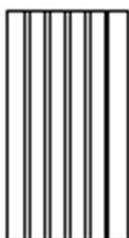


HO scale Road Side Truck Dock 1:87.0857142

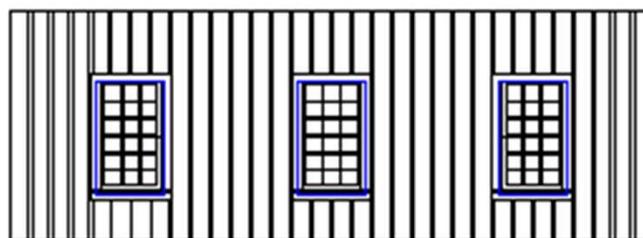




Truck Dock Elevation

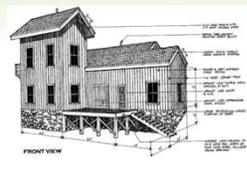


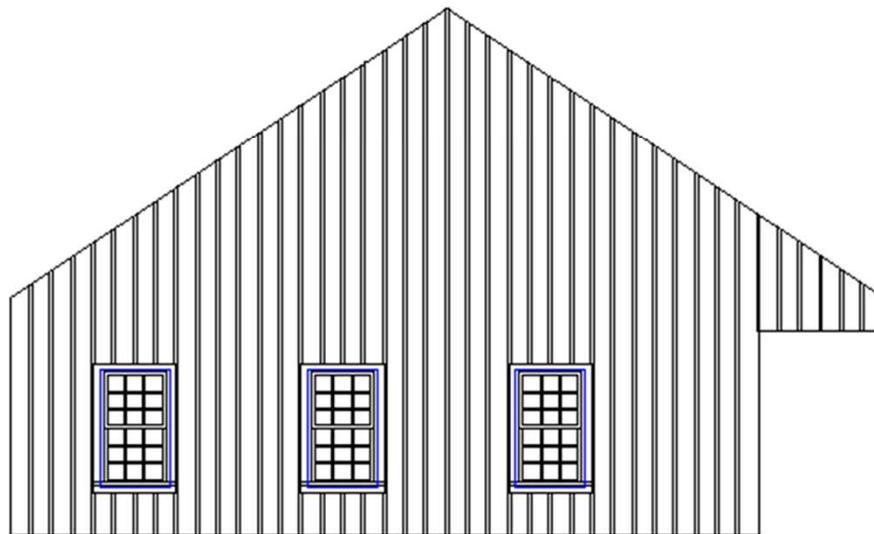
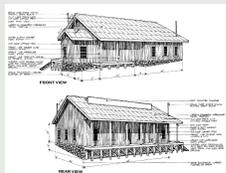
Transition



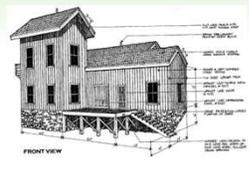
Right Elevation

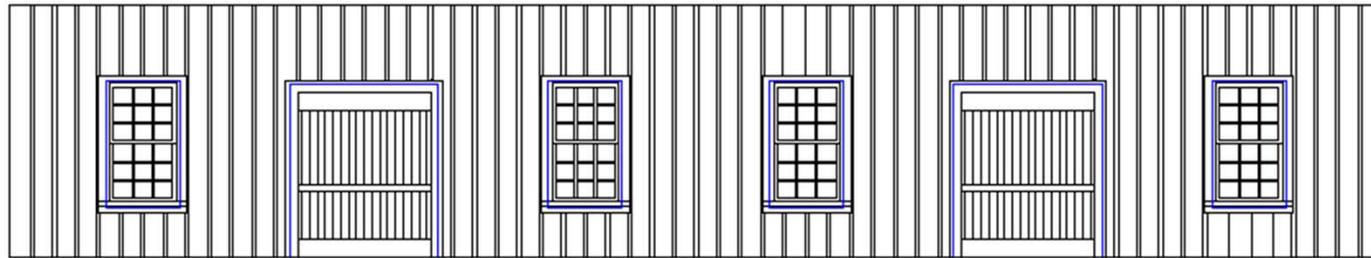
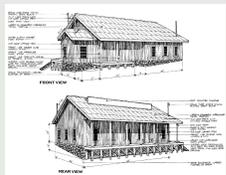
HO scale Road Side 1:87.0857142



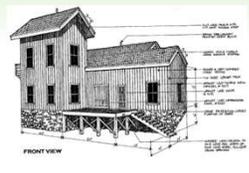


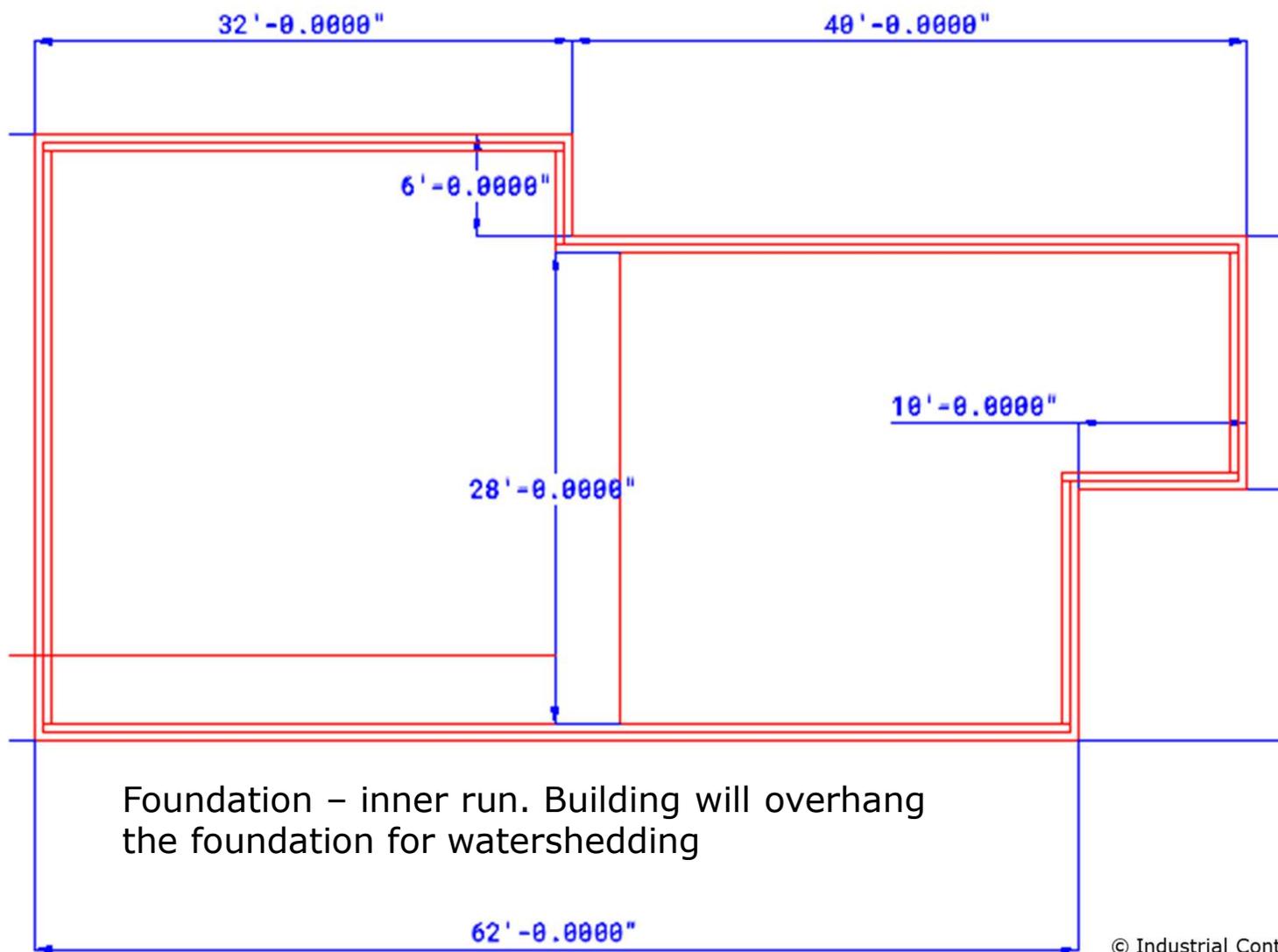
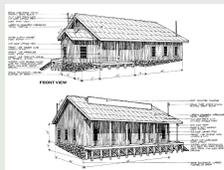
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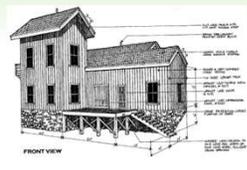


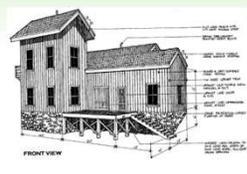
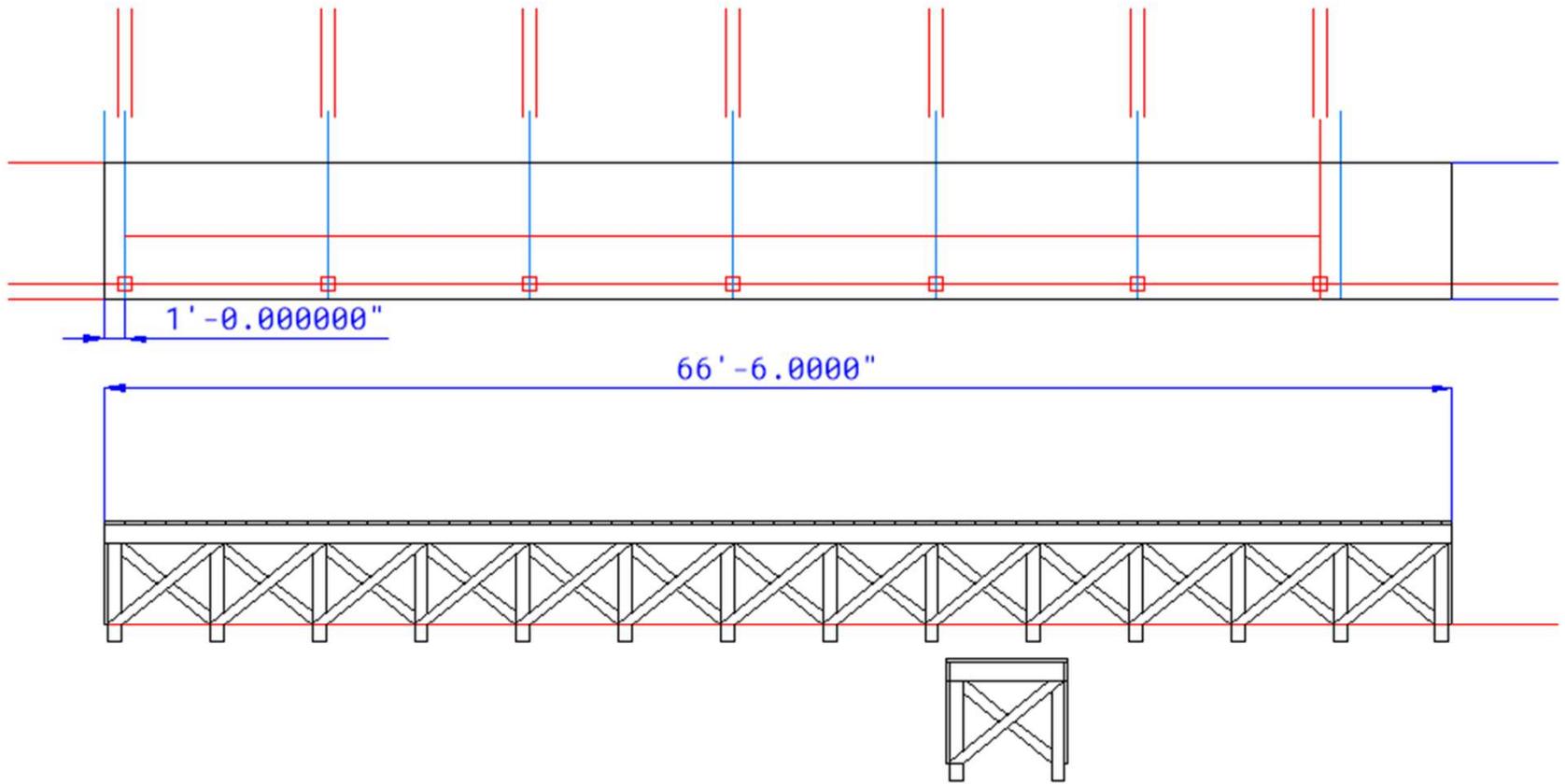
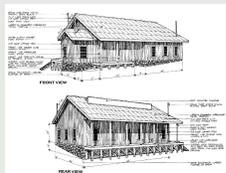
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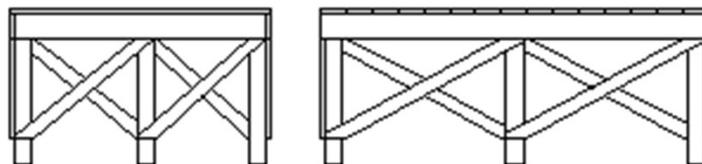
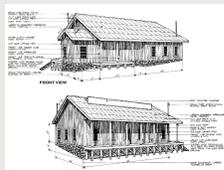
Foundation – inner run. Building will overhang the foundation for watershedding



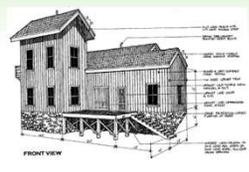


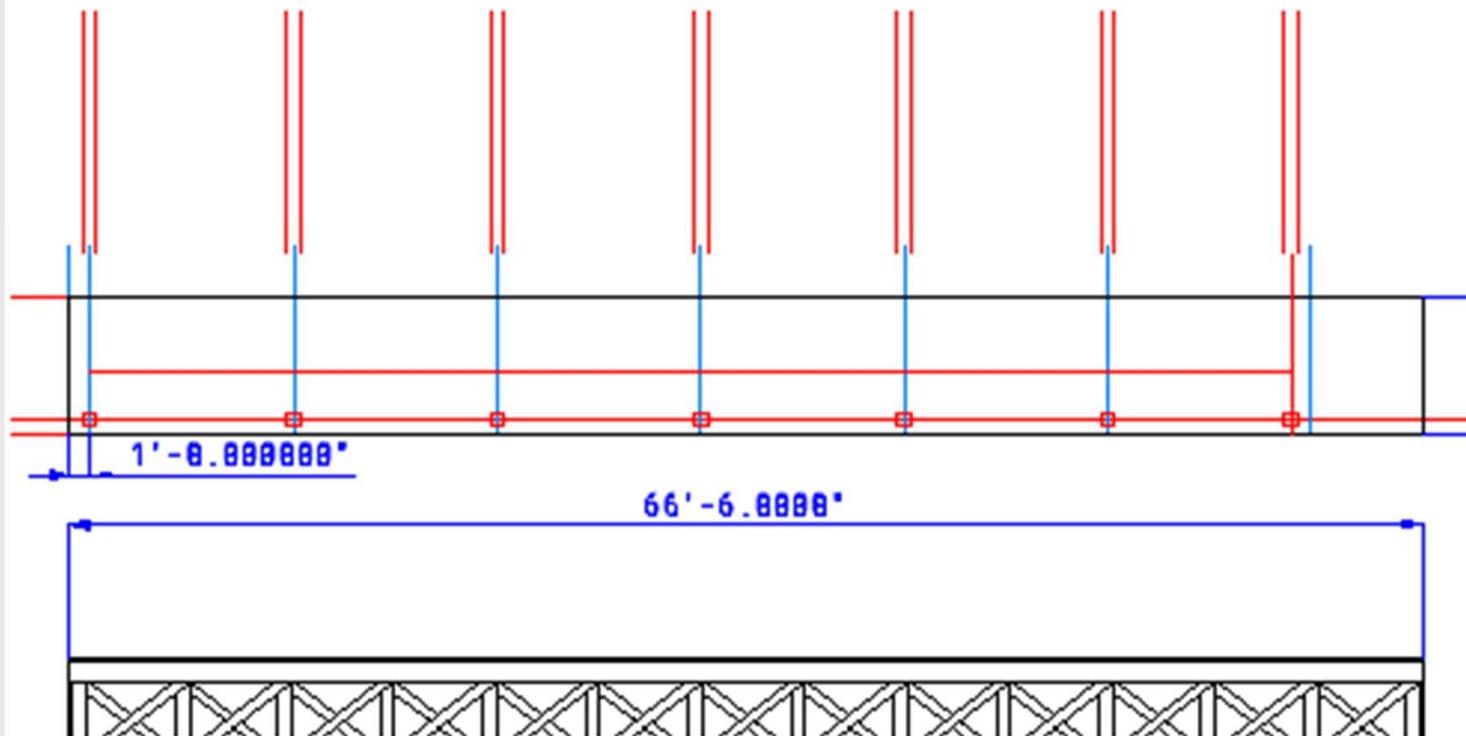
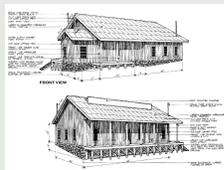
HO scale Track Side Dock 1:87.0857142

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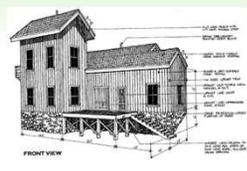


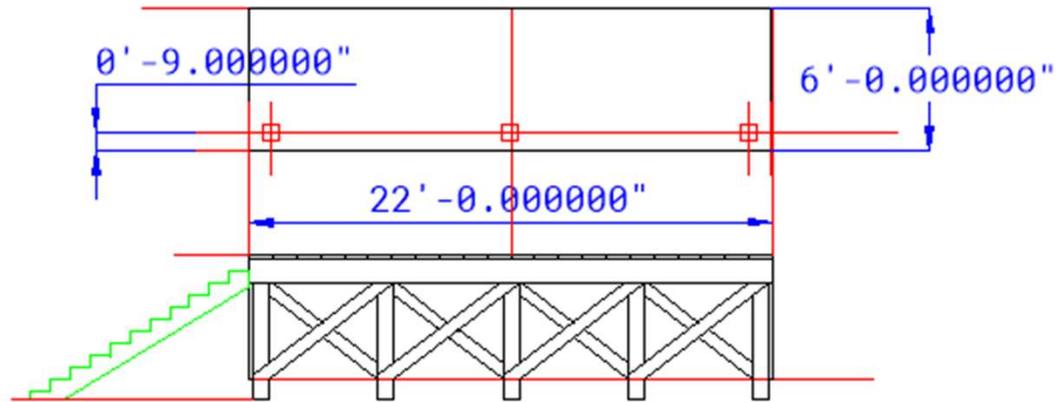
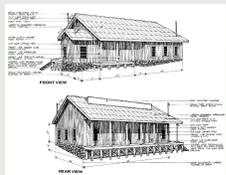
HO scale Office Dock 1:87.08572142



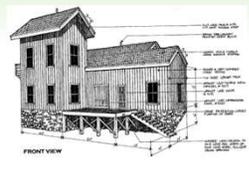


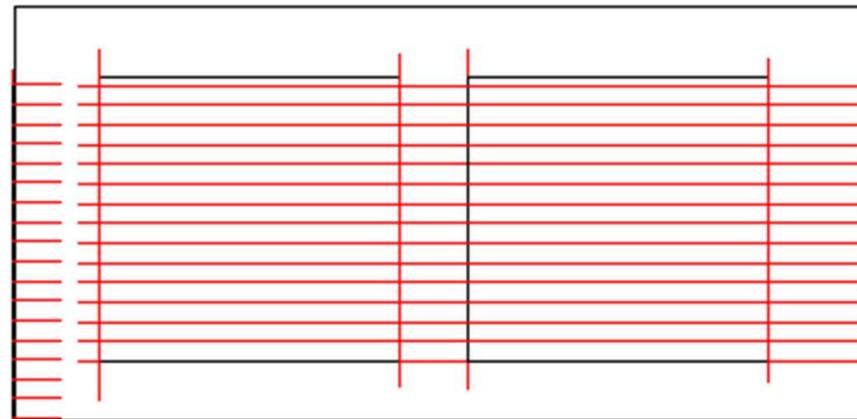
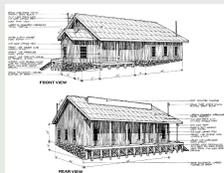
HO Scale Long Dock Posts 1:87.0857142



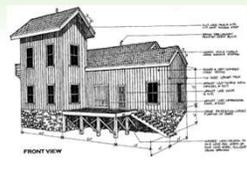


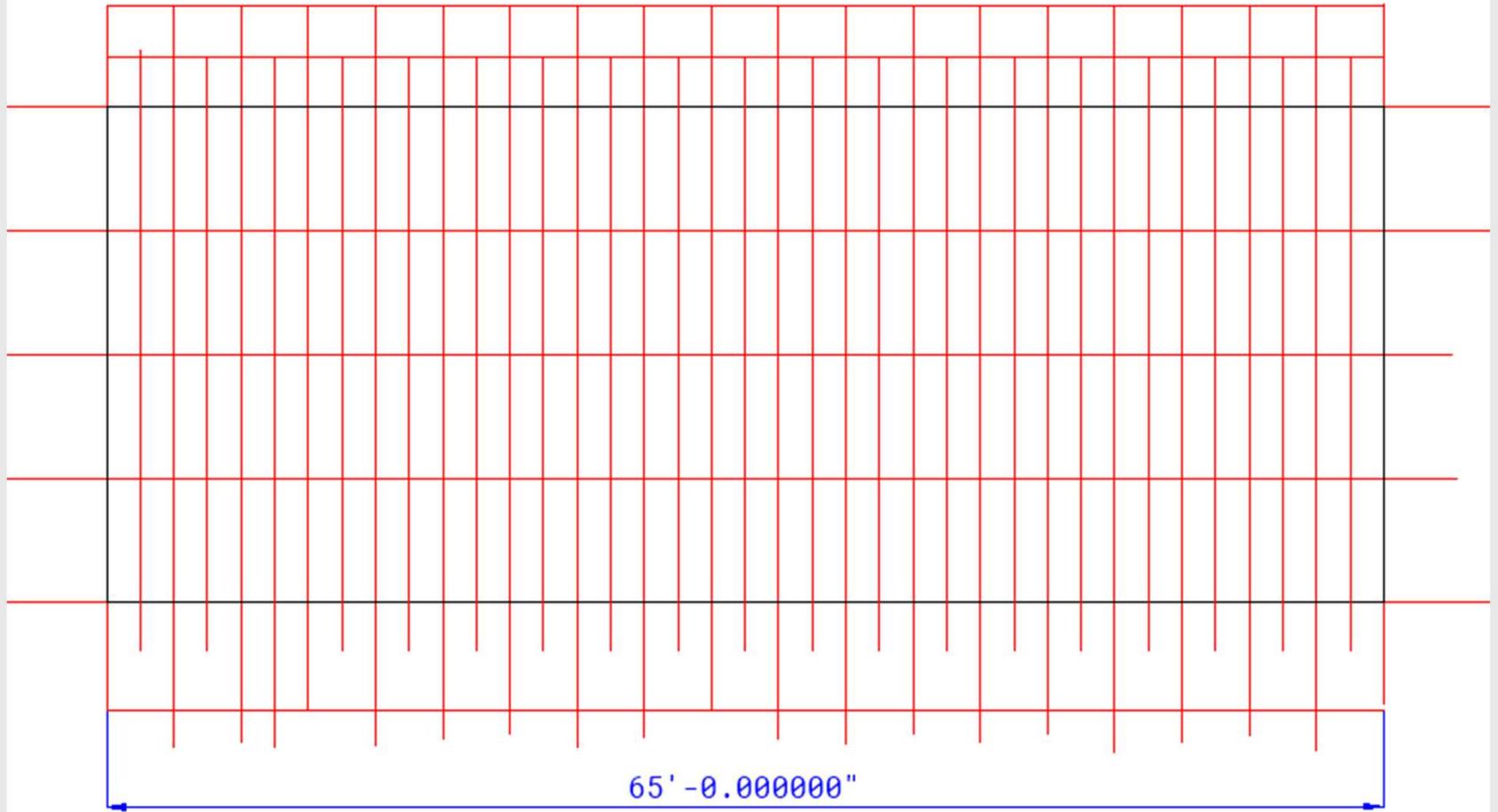
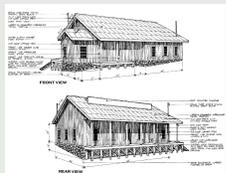
HO Scale Office Dock Posts Location 1:87.0857142





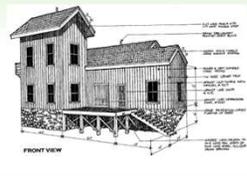
× HO Scale Office Roof Shingle Lines
1:87.0857142

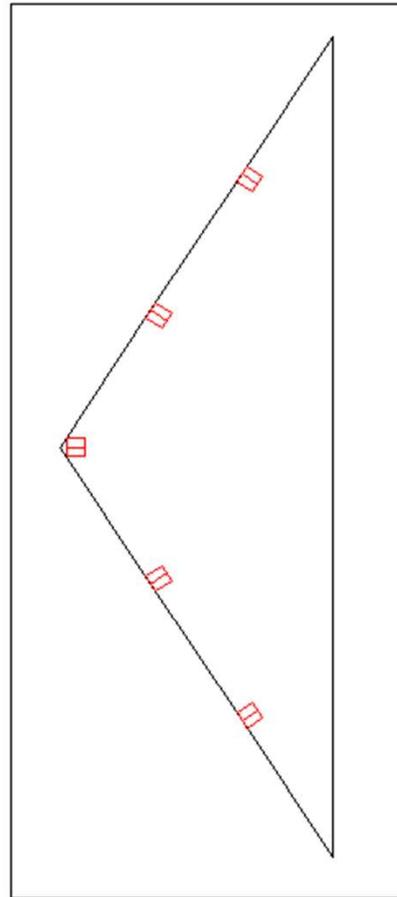
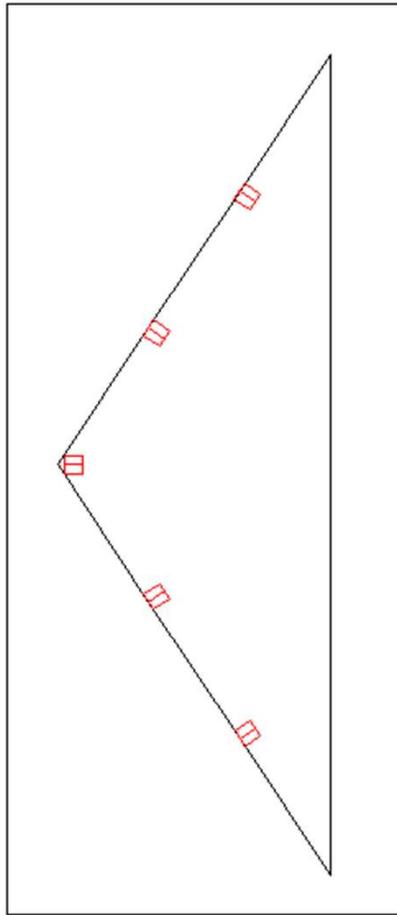
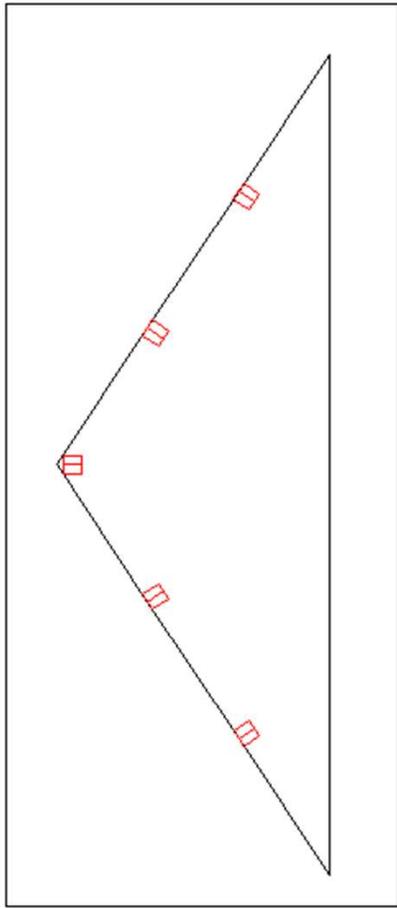
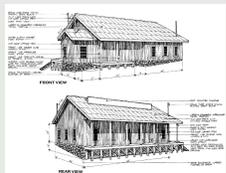




HO Scale Sheet Metal Roof
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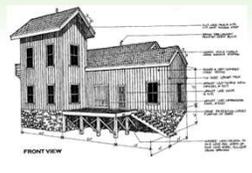
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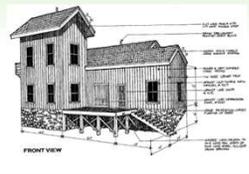
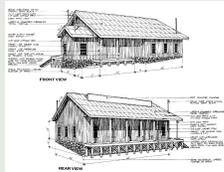


HO Scale Roof Trusses 1:87.0857142

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The (almost) Finished Model

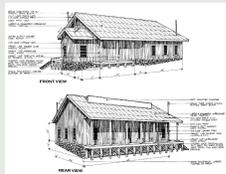


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Next Steps

