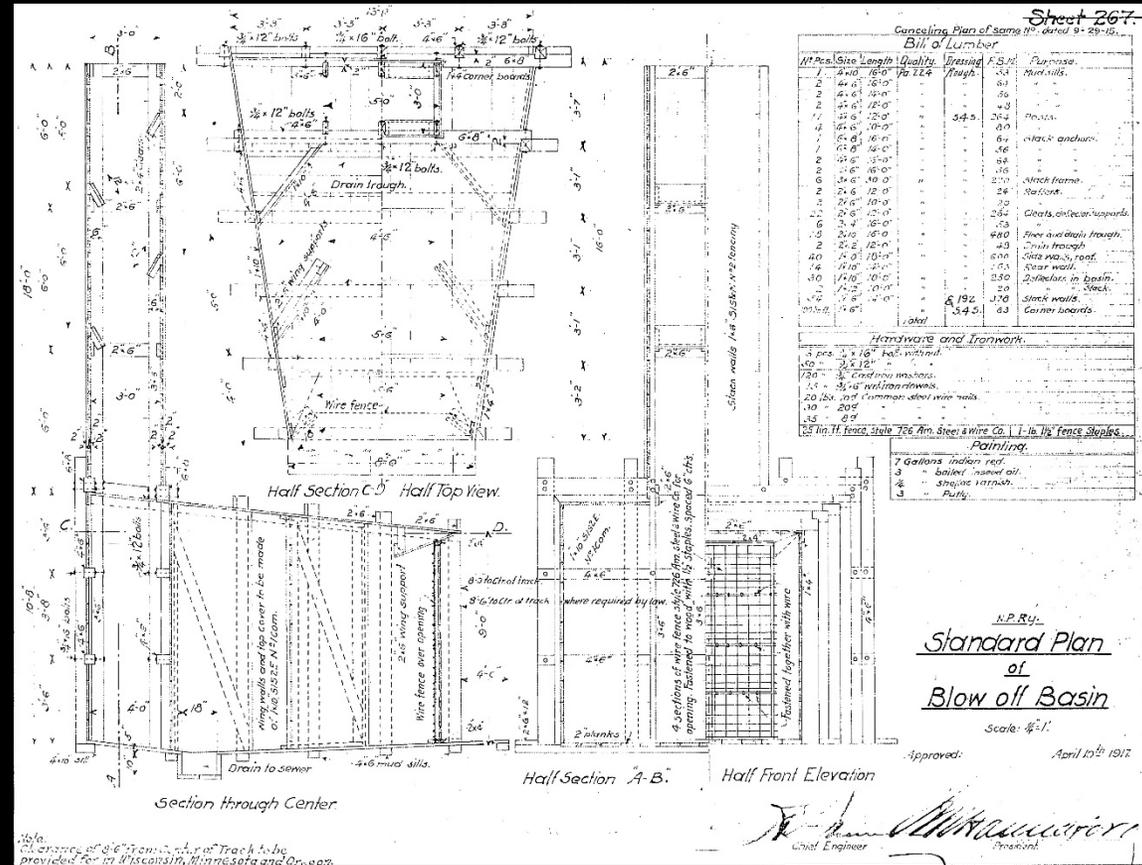


# # 1

# Blow Off Basin - 1.8 inches by 2.2

# \$25.00

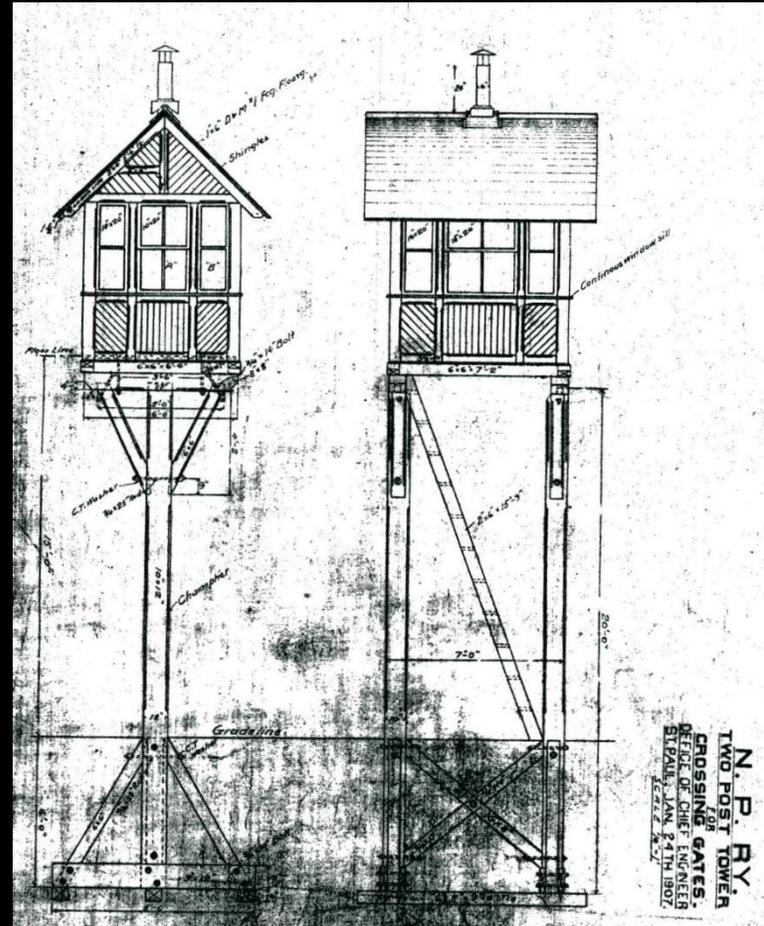


Blow Off Basin - 13ft x 16ft - 1917

# # 2

## Two Post Tower for Crossing Gates

### \$35



Two Post Crossing Tower -  
1907



# # 4

# Bunk House for 16 Men - 2.2 inches by 3.3 \$30.00

**Bill of Hardware.**

5"x5" wrought iron loose pin bolts with screws.  
5 bolts with screws.  
spring wash bolts.  
mortise locks with metal knobs, spindles for 1 1/2" door, escutcheons and screws.  
wrought iron ridge collar for 6" stove pipe.  
2 1/2" x 1 1/2" C.I. tin for flashing and fire protection around stove pipe.  
on coal hood.  
20 d. common steel wire nails.  
8 d. " " " "  
10 d. " " " "  
6 d. " " " "  
4 d. shingle nails.  
Tanned paper. (To be omitted where floor lining and inside ceiling are not used.)

**Bill of Millwork**

doors 1 3/4"x2'0"x7'0"-4 panels; 0.9. 2nd quality  
inside frames for above doors 1 3/8"x5/8" rabbeted with 1 3/8" sill and 1"x4"  
outside casing and drip cap  
windows 8 lights 12"x18"-7/16" sash glazed. Am. S.S.  
frames for above windows 3/8"x5/8" including blind stop with parting strip,  
stop for sash and 1"x4" outside casings.  
lin. 1/4" 1"-7/8 round.

**Bill of Lumber.**

No.	Size	Length	Quality	Drawing	F.B.M.	Purpose
3	2"x12"	12'	N2 com.	rough	72	Blocking.
5	4"x6"	16'	N2 "	"	160	Sills
9	4"x6"	10'	"	"	60	"
15	2"x6"	16'	"	SIZED	240	Floor joists & frame for platform
1	2"x10"	12'	"	SIZED	20	Steps etc.
62	2"x4"	18'	"	SIZED	744	Studs, plates, framing pieces etc.
28	2"x4"	10'	"	rough	187	Rafters.
14	2"x4"	16'	"	"	143	Ceiling Joists.
10	2"x4"	18'	"	S&S	120	Bunks.
8	2"x8"	12'	"	"	64	"
7	1"x12"	10'	"	"	70	Shelves.
7	boards	N2 com.	SIS.	"	850	Roof boards.
1	1"x6"	N2 com.	SIS&M.	"	480	Finished floor and platforms.
1	1"x10"	N2 com.	SIS.	"	940	Outside boarding
1200	1"x8"	N2 com.	SIS&E	"	300	Battens- outside walls.
100	1"x6"	"	"	"	50	Cornice
242	1"x4"	"	"	"	81	Ridge protector & inside casings
1	1"x6"	N2 com.	SIS&M&B.	"	1250	Inside ceiling (see note below)
1	boards	N2 com.	SIS	"	400	Floor lining ( " " " )
5000			Cedar			Shingles.
Total F. B. M.						6037

\* Note: In milder climates, west of the Cascades, the floor lining and inside ceiling to be omitted.  
Eastern grades of Lumber is called for in above bill. - For Montana, Idaho and Washington substitute for eastern grades as per Timber Cipher Code "Web" page 26.

**STANDARD PLAN**  
OF  
**BUNK HOUSE**  
FOR 16 MEN WITH LIVING ROOM.  
SCALE: 1/8" = 1'

*E. Sperry*  
Chief Engineer

Approved: *[Signature]*  
General Manager

Note: Bunk Houses will be provided only where there are large crews, foreign labor is employed that does its own cooking, or the requirements for providing accommodations for other employees such that section laborers cannot be accommodated in laborer Bunk Room\* in section house.

**Material for Painting.**

5	gallons	Indian Red.
2	"	boiled oil.
1/2	"	shellac varnish
4	"	putty.

**Ground Plan.**

**Side Elevations.**

**Cross Section of Bunk Room.**

**End Elevation.**

Bunk House for 16 Men - 16ft x 24ft - 1905

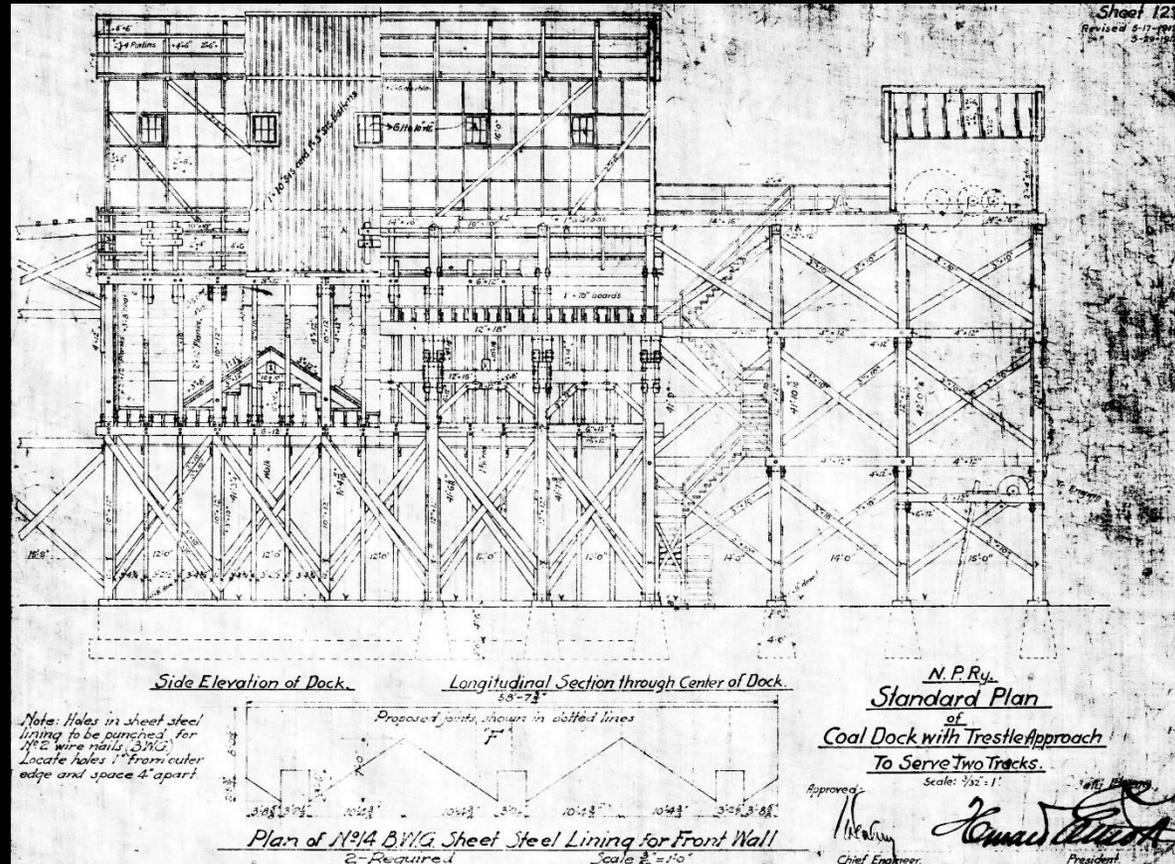


# # 6

## Coal Dock with Trestle Approach for Two Tracks

### 3.3 inches by 42.3

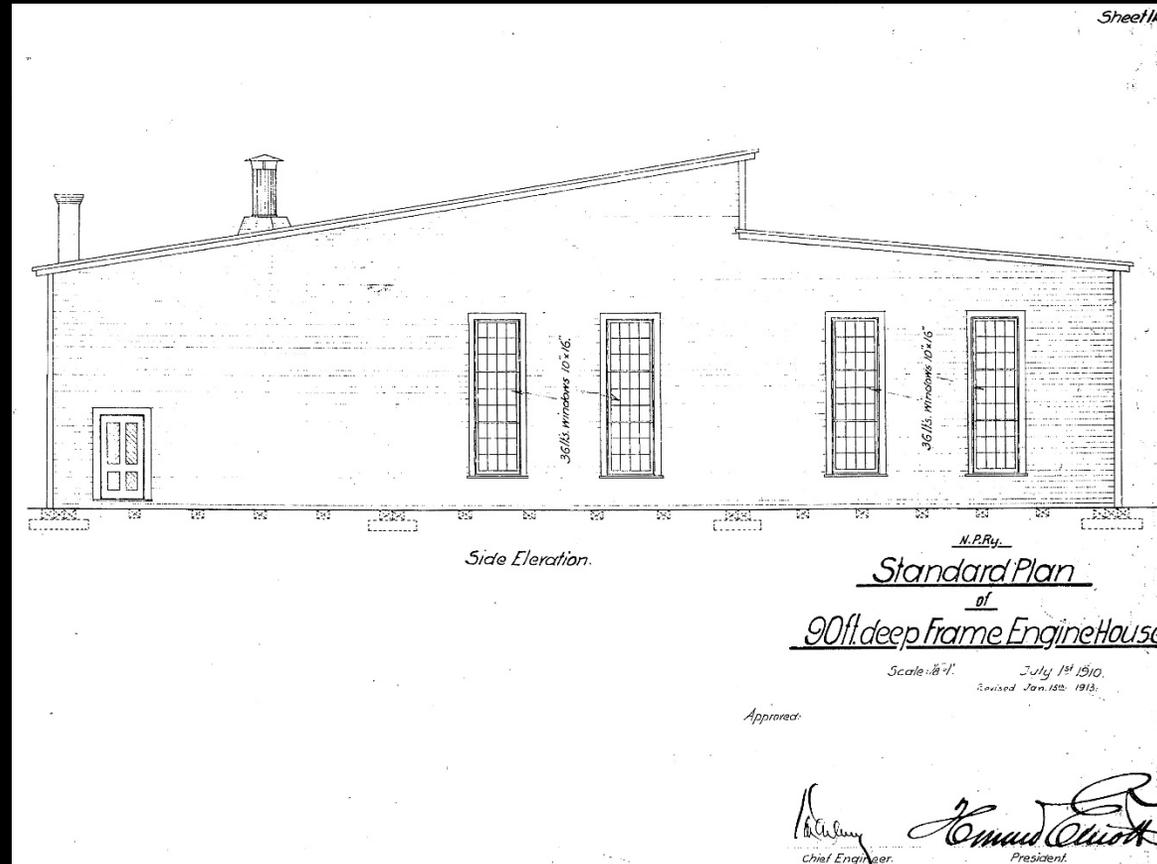
### \$220.00



Coal Dock with Trestle Approach for Two Tracks - 24ft x 307ft - 1910

# # 7

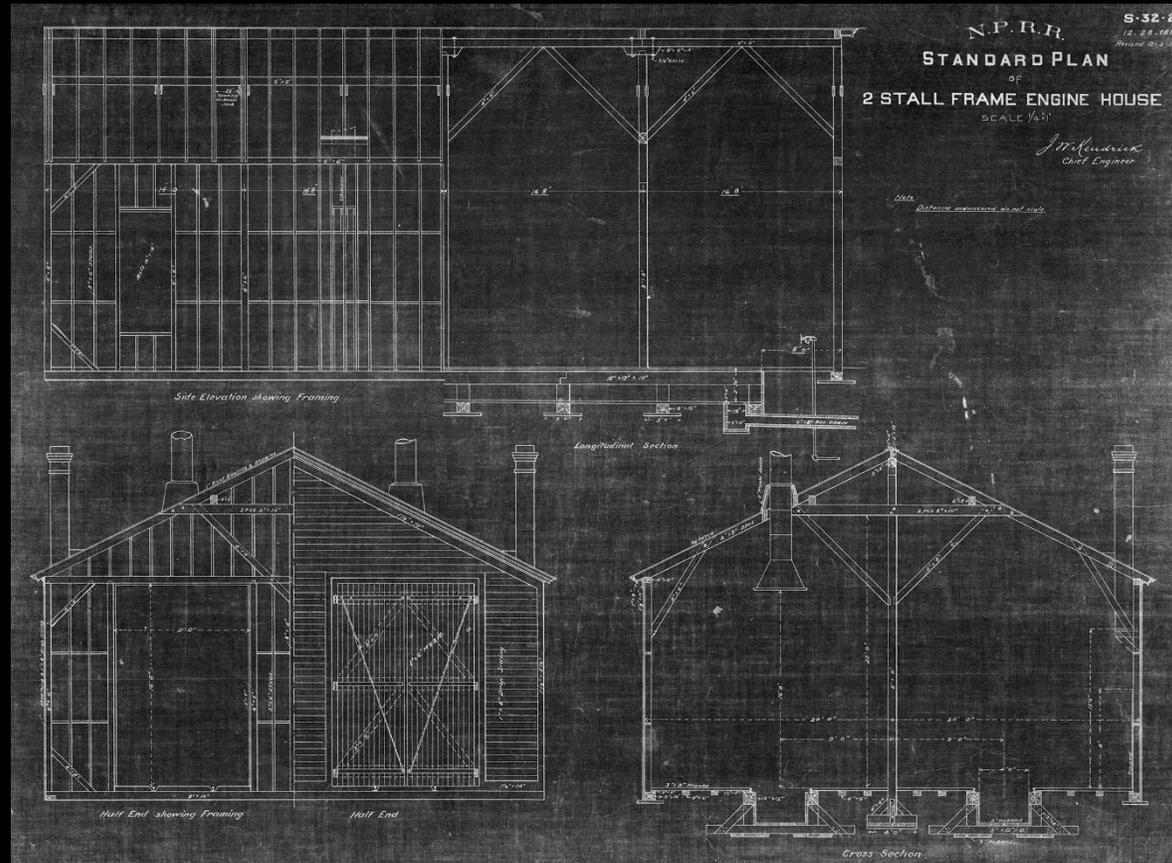
## Engine House 2 Stall – 5.0 inches by 12.4 \$60.00



Engine House 2 Stall - 36ft x 90ft - 1910

# # 8

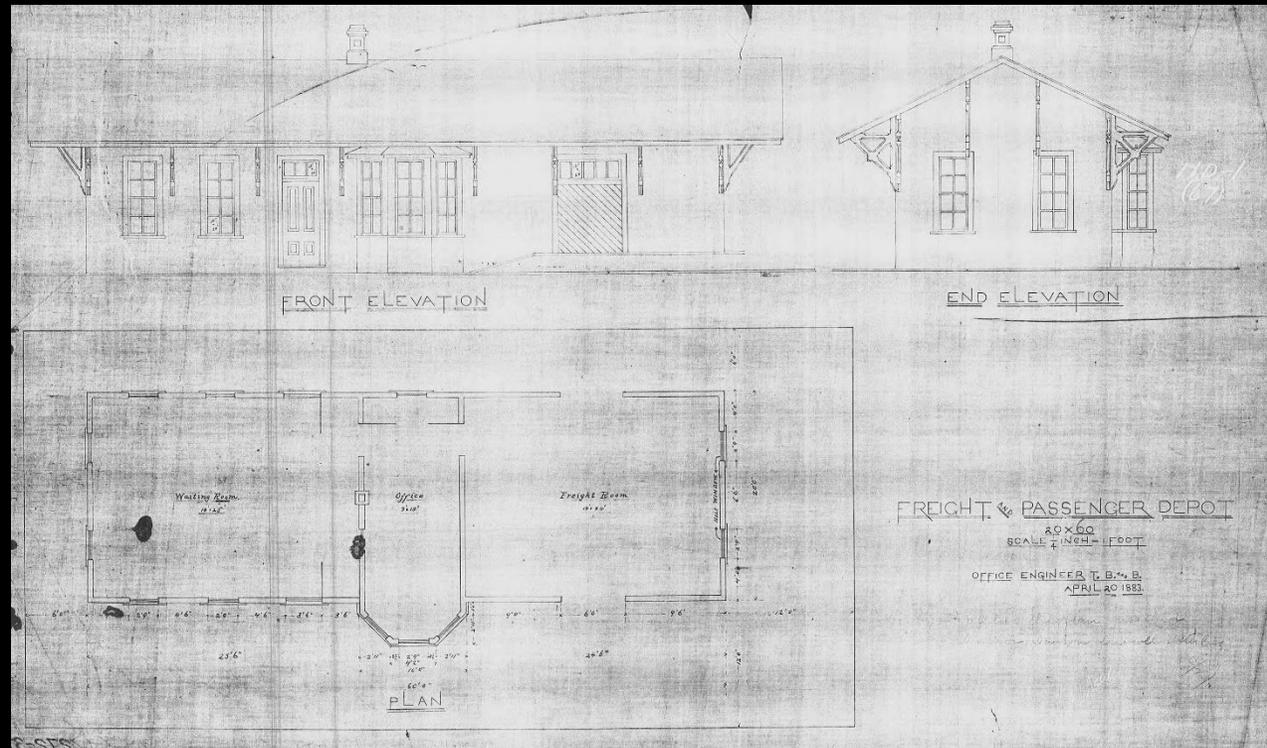
## Engine House 2 Stall - 5.5 inches by 12.4 \$60.00



Engine House 2 Stall - 40ft x 90ft - 1889

# 9

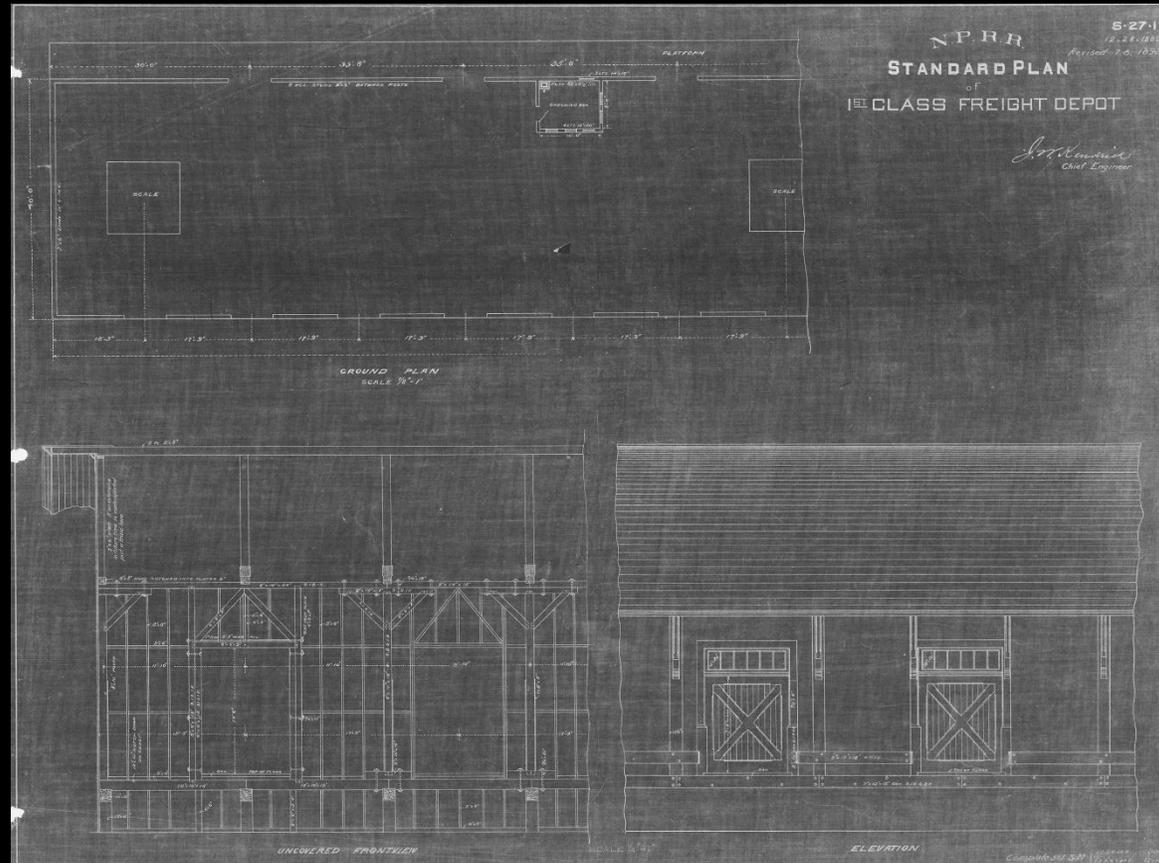
# Freight & Passenger Depot - 2.8 inches by 8.3 \$80.00



Freight & Passenger Depot - 20ft x 60ft - 1883

# # 10

## Freight Depot 1st Class - 5.5 inches by 13.8 \$80.00



Freight Depot 1st Class - 40ft x 100ft - 1889

# # 11

# Hose House - 0.8 inches by 0.8

# \$15.00

Sheet 346

**SECTION**

**FRONT ELEVATION**  
ONE DOOR OPEN

**PLAN**

Stencil as shown, in white letters 6" high

Specifications:

Doors to be hung on heavy bolted T-hinges, 12" long  
Hinge hasp to be wrought iron, 6" long, put on with wood screws.  
Covering of hinges for protection of hose when in service to be provided by means of pieces of rubber belting, heavy canvas or pieces of worn hose, leather is preferable when available.  
House to be equipped with two six-pound pick-head axes, extra standard nozzle, four spanners, one lantern and extra hose washers.  
Required amount 2 1/2" cotton rubber-lined hose standard coupling, with standard nozzle, kept constantly connected to hydrant.  
House to be painted.

Bill of Lumber:			
Quantity	Size	Grade	Finish
3 pcs	4x4x14	224	Rough
12 "	2x4x14	"	S1E
1 pc	1x6x10	"	"
5 pcs	1x6x8	"	"
1 pc	1x10x10	"	"
34 pcs	1x6x8	"	192
22 "	1x4x14	"	"
16 "	1x3x12	"	545

Hardware			
4 lbs	20d	Com. steel wire nails	4 pcs 12" T hinges
6 "	10d	"	8 " 1/2x2" bolts with pl washer
10 "	8d	"	8 " 1/2x3" "
2 "	8d	Casing nails	1 pc 6" Hinge hasp & screws
2 pcs	W.I.	Door holder with eye bolt as per detail	
2 "	№ 7	Screw hooks	2 pcs 10x18" leather guards
1 square	3 ply	prepared roofing	5 pcs 12x12x8" Cement blocks

Paint: 1 1/2 gal. Indian Red  
1 qt. Turpentine  
3/4 gal. baled linseed oil

N. P. Ry  
Standard Plan  
of  
Hose House.  
Scale: 1/2" = 1'-0" Feb. 12<sup>th</sup> 1930.

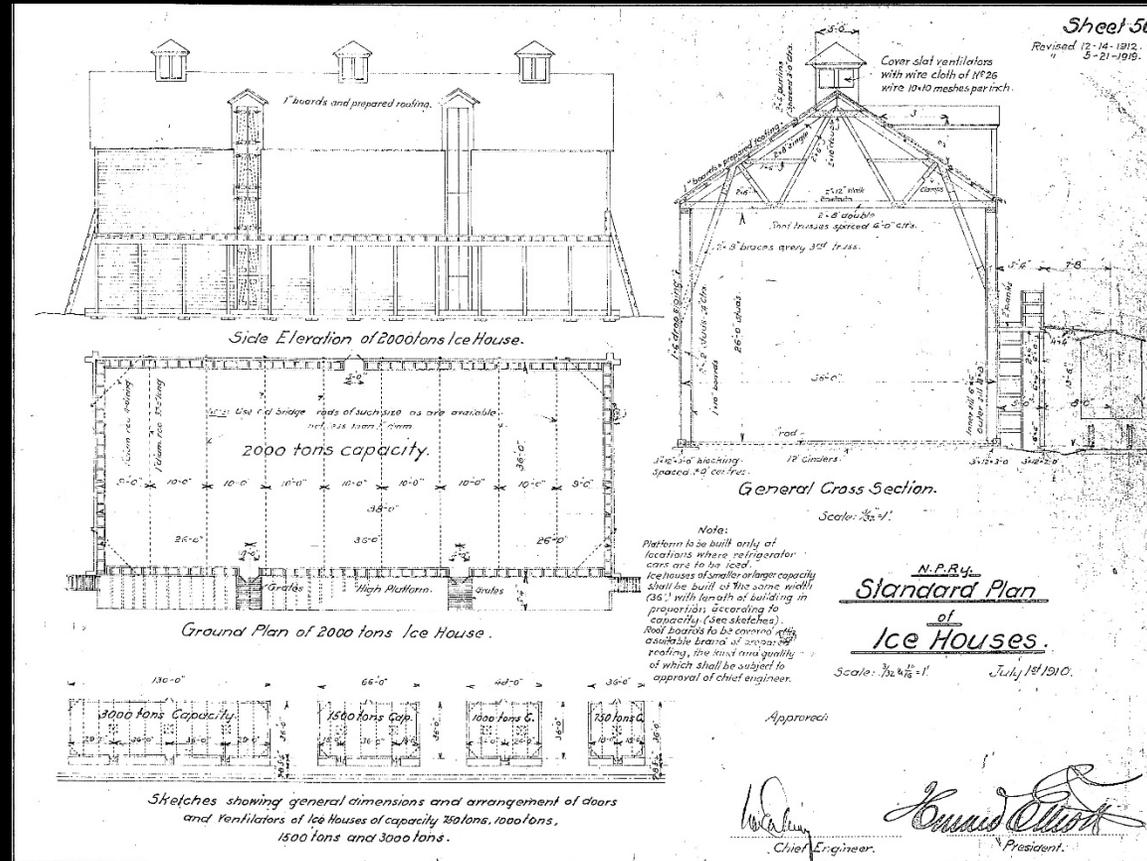
Bernard Blum  
Chief Engineer.

Charles Smalley  
Vice President  
President.

Hose House 6ft x 6ft - 1930

# # 12

# Ice House - 2000 Ton - 5.0 inches by 12.1 \$70.00



Ice House - 2000 Ton - 36ft x 88ft - 1910

**# 13**

**Lineside Boxcar Shed.jpg 1.2 inches by 5.0  
\$25.00**

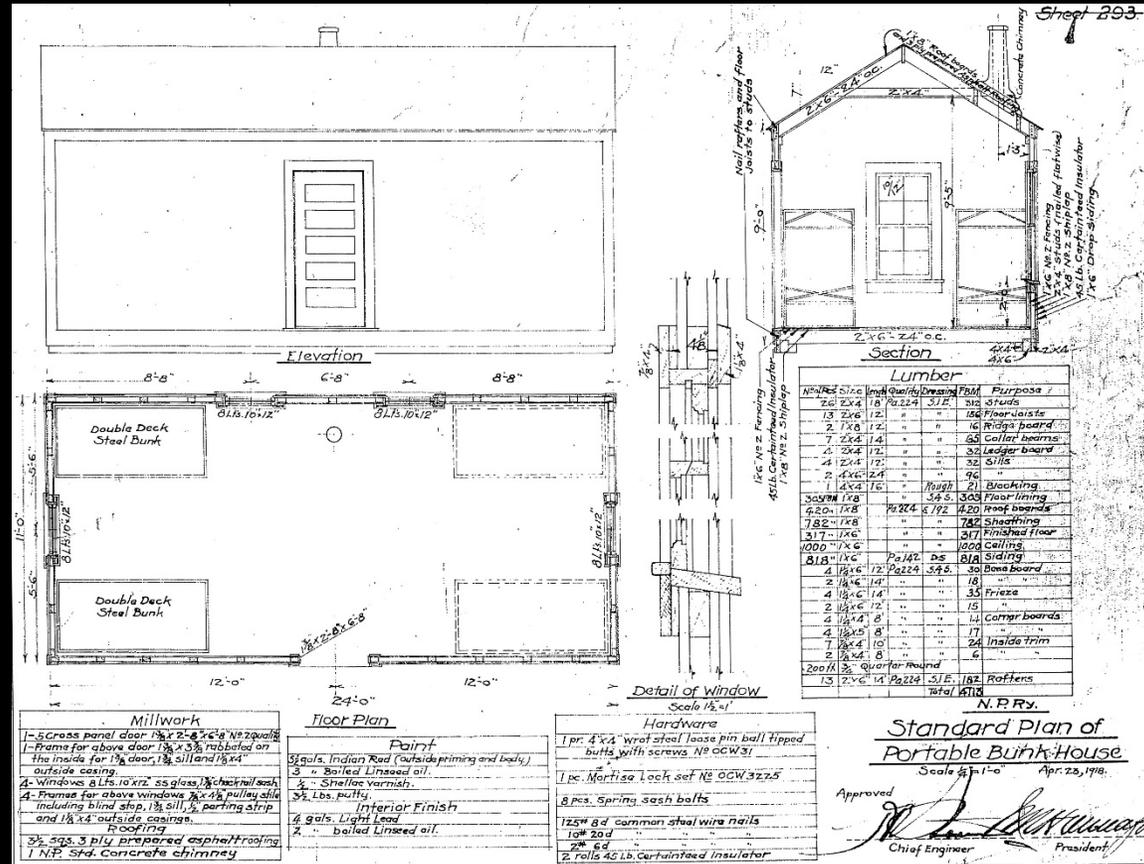


Lineside Boxcar Shed

# # 14

# Portable Bunk House - 1.2 inches by 3.0

# \$25.00



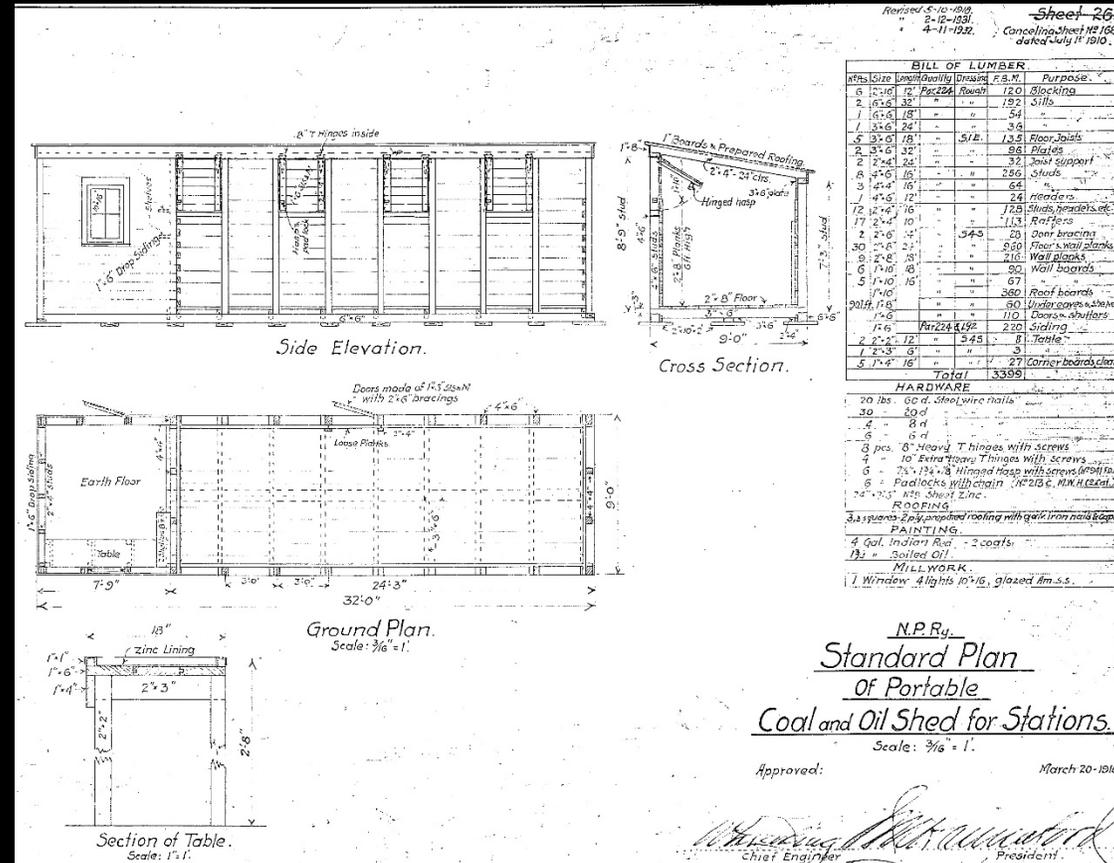
Portable Bunk House - 11ft x 24ft - 1918

# # 15

# Portable Coal and Oil Shed for Stations - 1.2

## inches by 4.4

## \$20.00

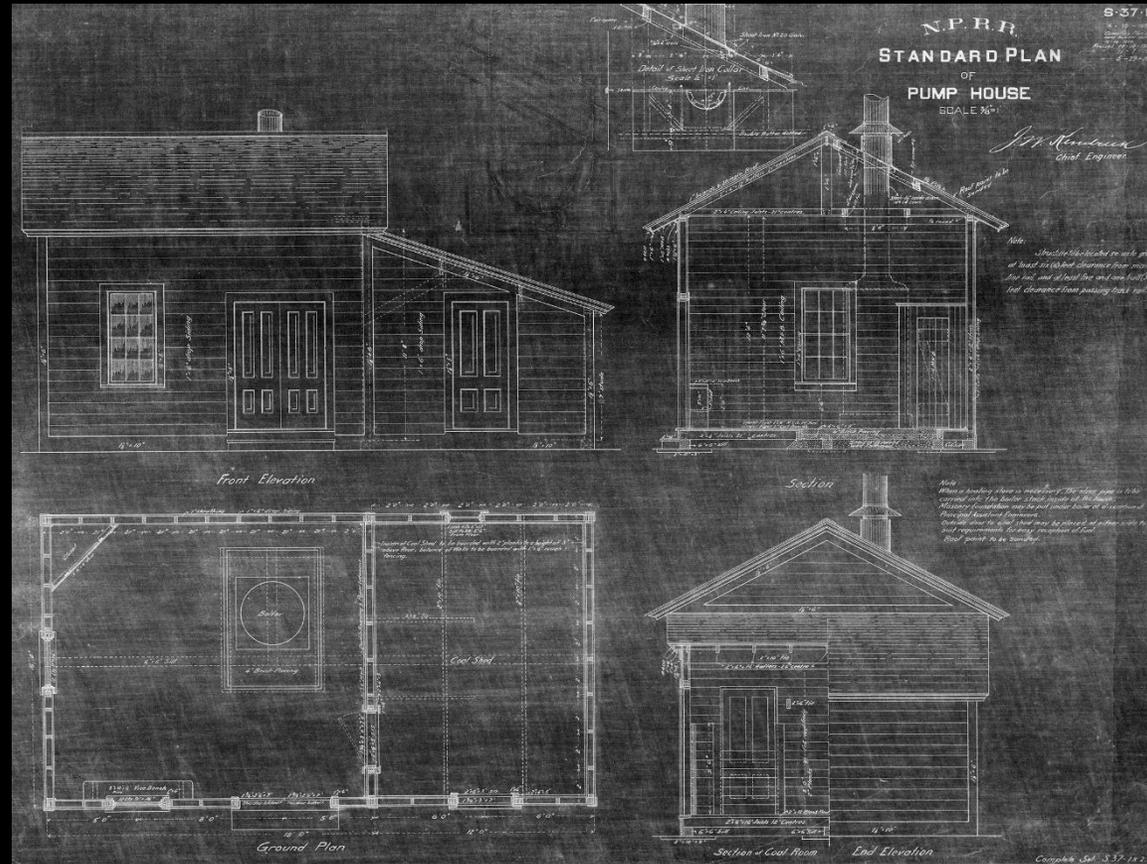


Portable Coal and Oil Shed for Stations - 9ft x 32ft - 1916

# # 16

## Pump House - 2.2 inches by 4.1

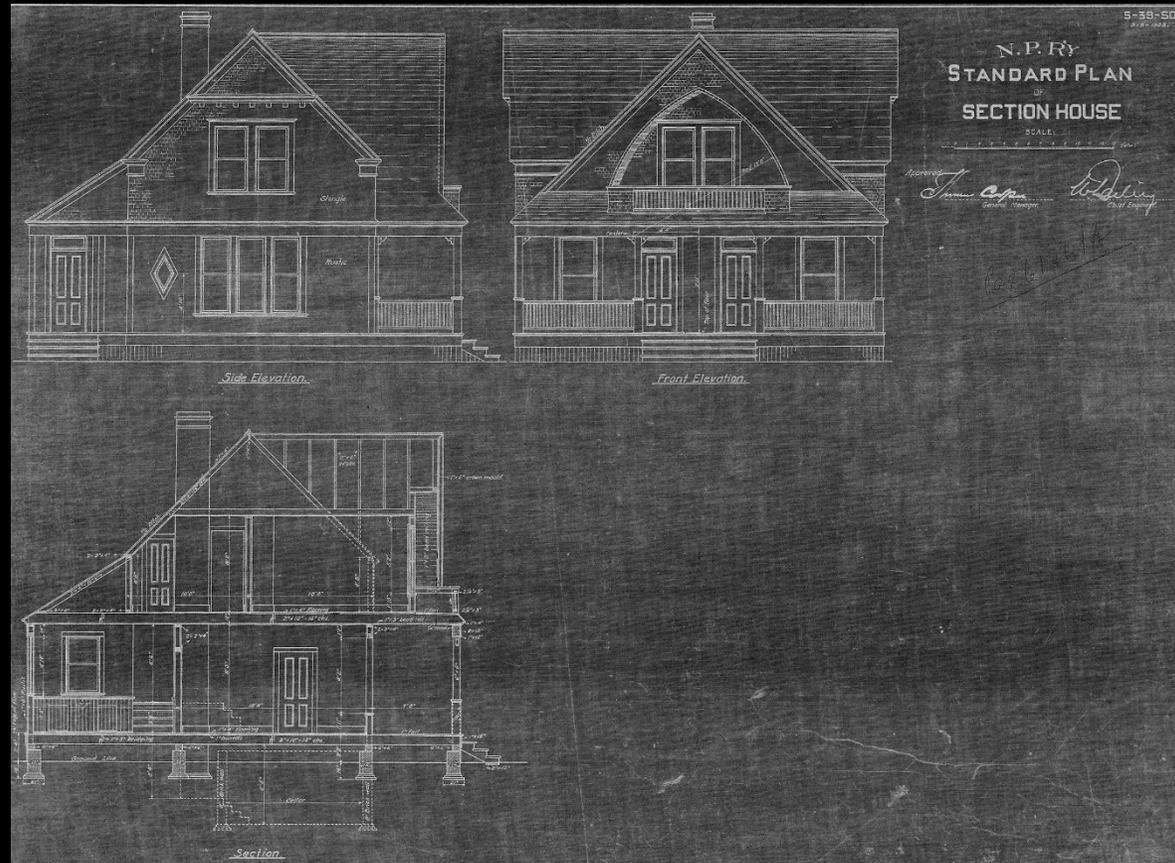
### \$50.00



Pump House - 16ft x 30ft - 1891

# # 17

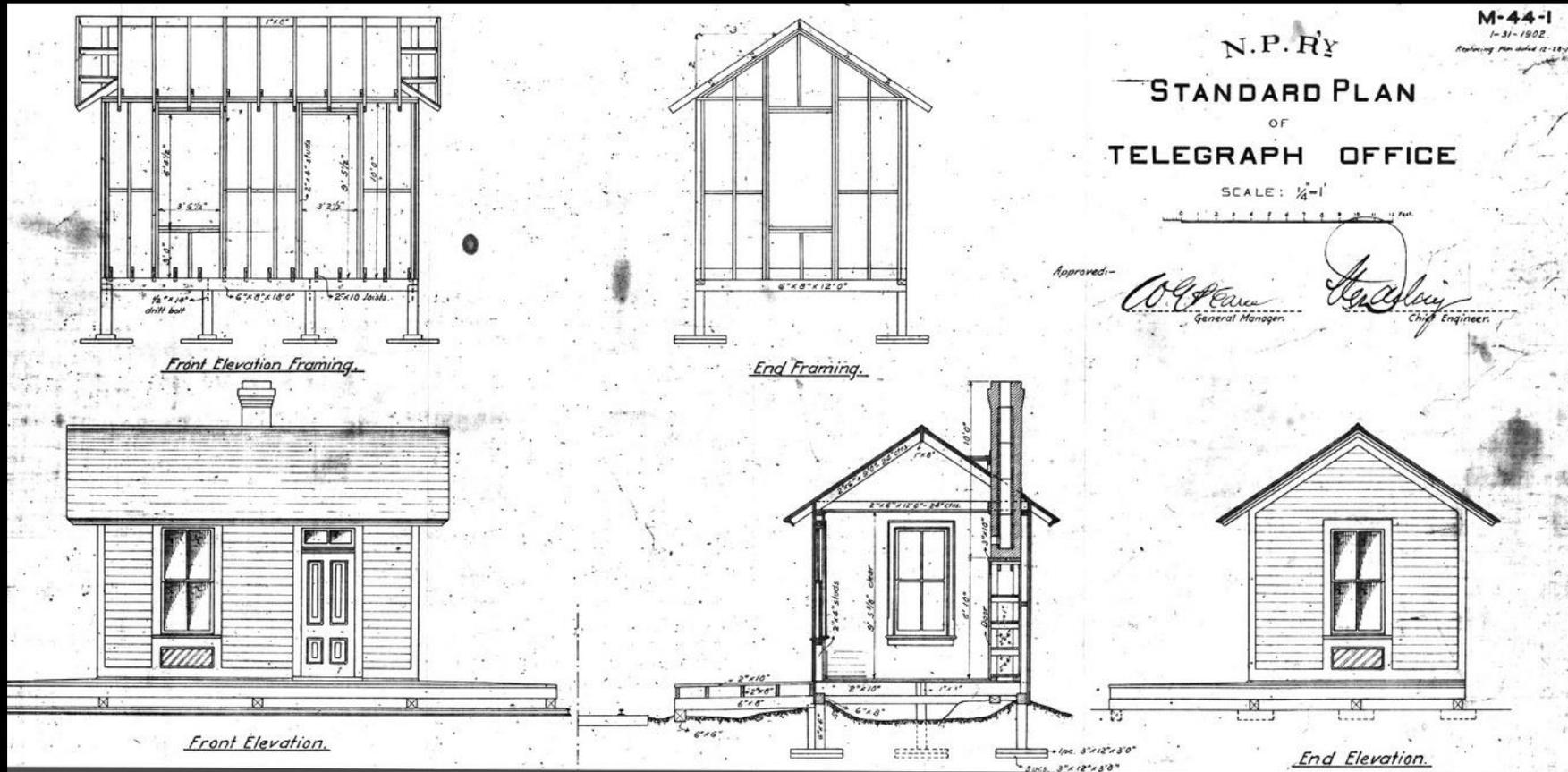
## Section House - Ornate - 4.1 inches by 5.1 \$90.00



Section House - Ornate - 30ft x 37ft - 1903

# # 18

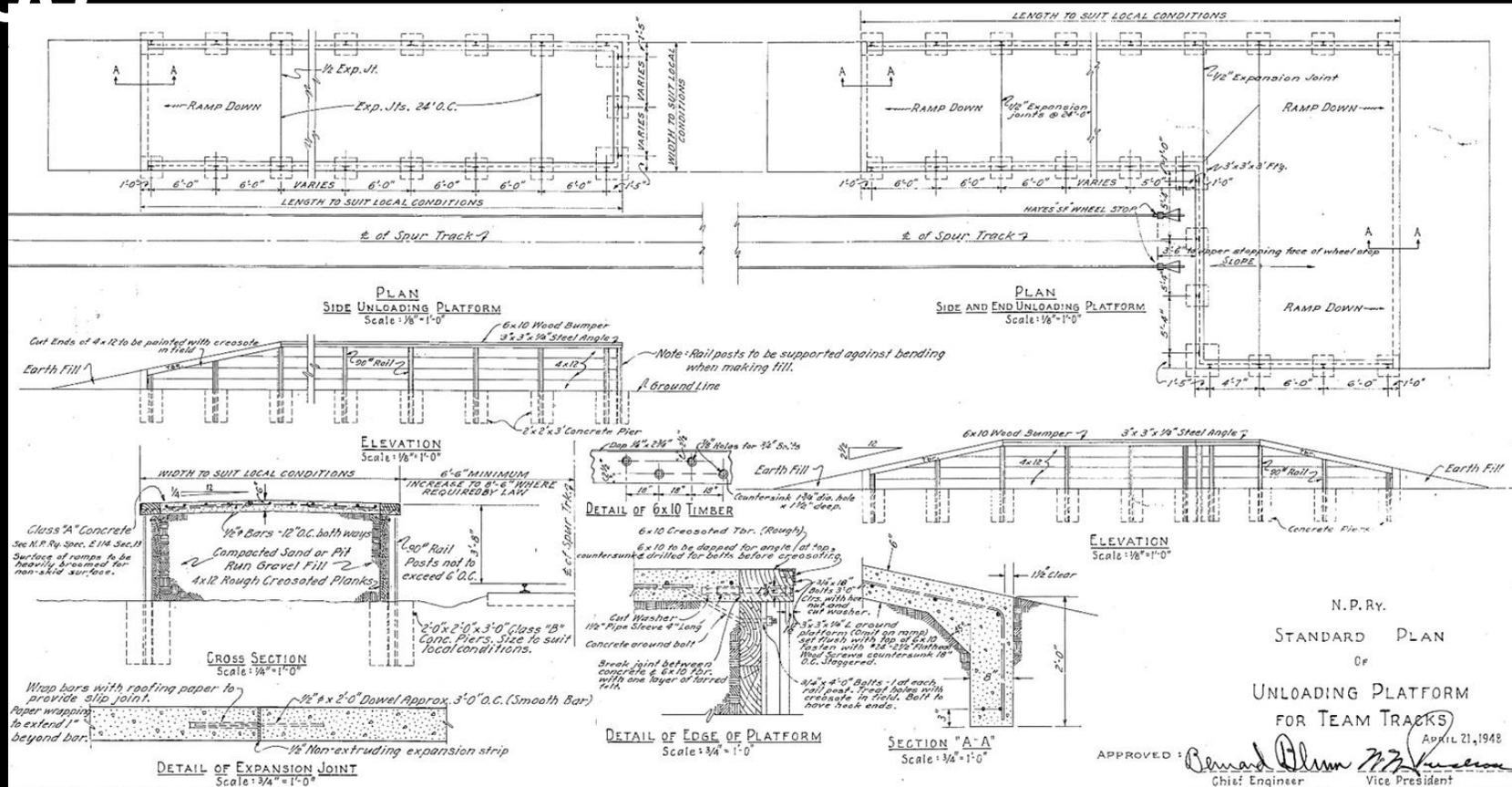
## Small Telegraph Office 1902 - 1.7 inches by 2.5 \$30.00



Small Telegraph Office 1902 - 12ft x 18ft

# # 19

# Team Track - Side or End Concrete Platform - 3.9 inches by 12.4 \$30.00



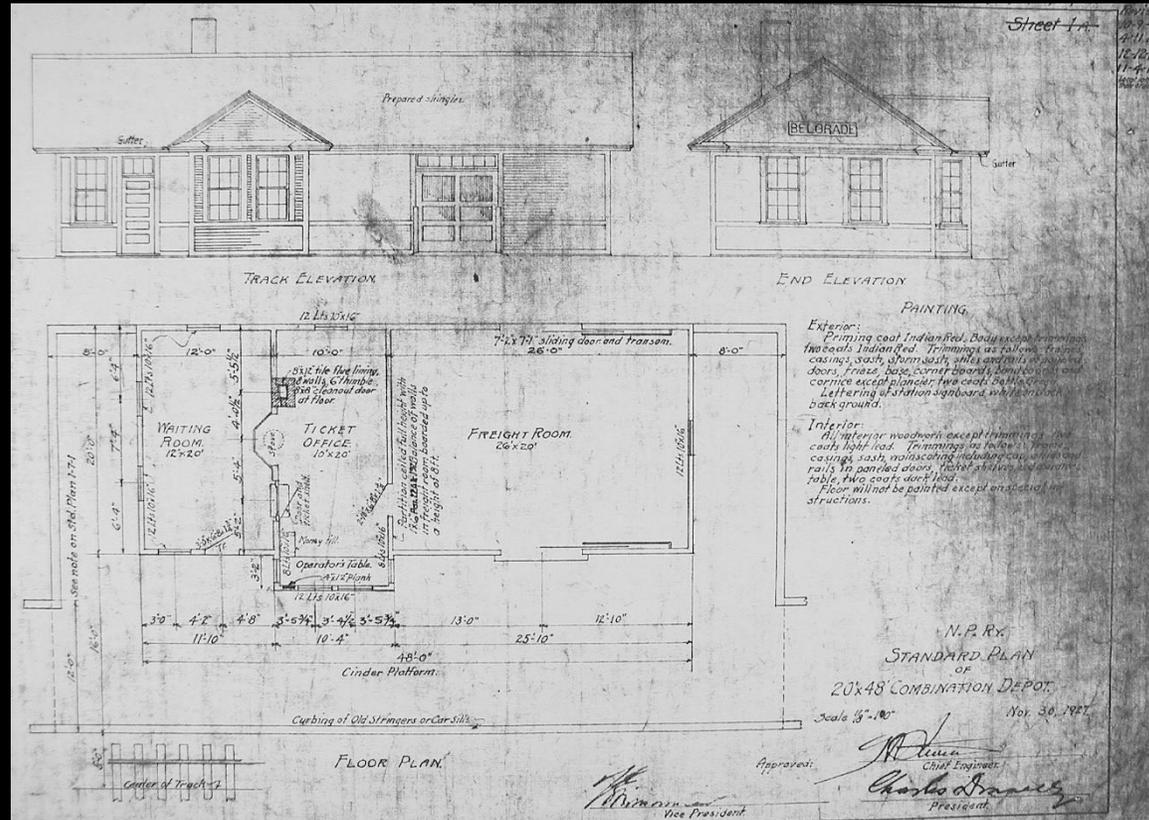
Team Track - Side or End Concrete Platform - 28ft x 90ft - 1948



# # 21

## Combination Depot - 2.8 inches by 6.6

### \$65.00



Combination Depot - 20ft x 48ft - 1927



# # 23

# Watchmans House - 1.0 inches by 1.1

# \$20.00

Sheet 272

**FRAMING PLAN.**

**FLOOR PLAN.**  
 Floor lining 1" boards.  
 Finish floor - 1/4" D.E.M.  
 Walls and ceiling to be  
 called with 1/4" D.E.M.  
 All windows 8Lx10 1/2"

**DETAIL OF PIPE & THIMBLE**  
 Scale 1/4" = 1'-0"

**SECTION.**

**SIDE ELEVATION.**

**BILL OF MATERIAL.**

LUMBER		HARDWARE			
No. Pcs.	Size	Length	Quality	Quantity	Purpose
2 ecc.	4x6	16'	rough	64	Sills.
1	2x6	16'	"	16	Blooring.
3	2x6	14'	"	42	Floor joists.
11	2x4	16'	"	176	Studs.
25	2x4	10'	"	250	Stud rafters, etc.
1	2x2	14'	"	14	Collar beams.
2	1x2	10'	"	20	Ridge board.
44	1x4	16'	"	704	Placia.
44	1x8	16'	"	704	corners, sash.
62	1x2	16'	"	992	Floor lining.
70	1x4	16'	"	1120	Finish floor.
140	1x6	16'	"	2240	Roof beams.
320	1x6	16'	"	5120	Trussing.
330	1x6	16'	"	5280	Wall ceiling.
8 pcs.	1x6	16'	"	128	Corner boards.
1	square	16'	16'	1	Grade 50% Perfects Cedar Shingles.

HARDWARE	
2 ecc.	4 1/2" x 1/2" wrought steel base pin ball headed with nuts screws No. 20 W.S.
1	8 in knob lock set complete 7/8" x 1/2" with iron pins, tumbler, screws, keyhole plate, spanned, with 1 key No. 020, and 1 trial No. 225.
4	Sash fasteners with screws No. 800 B.
8	Sash lifts with screws No. 603 1/2.
16	Sash weights 7 1/2 lbs each.
1	Safety thimble with flashing and store to be above roof, as per detail.
12 lin.	1 C tin 12" wide.
25 lbs.	20 d common steel wire nails.
50	1/4"
3	6 d finishing nails.
1	3 d shingle nails, galvanized.
2 ecc.	16 1/2" galvnm store guard 5 1/2 x 3 1/2
80 lin.	7/8" Silver Lake sash cord No. 72.

**NOTE:** Hardware numbers referred to are taken from N. P. Ry. Co.'s Hardware Catalog.

**PAINTING:**

3 Gallons	Indian Red for priming and body.
1	Bull's Head oil.
1/4	Turpentine.
1/2 pint	Shellac.
1 lb.	Putty.

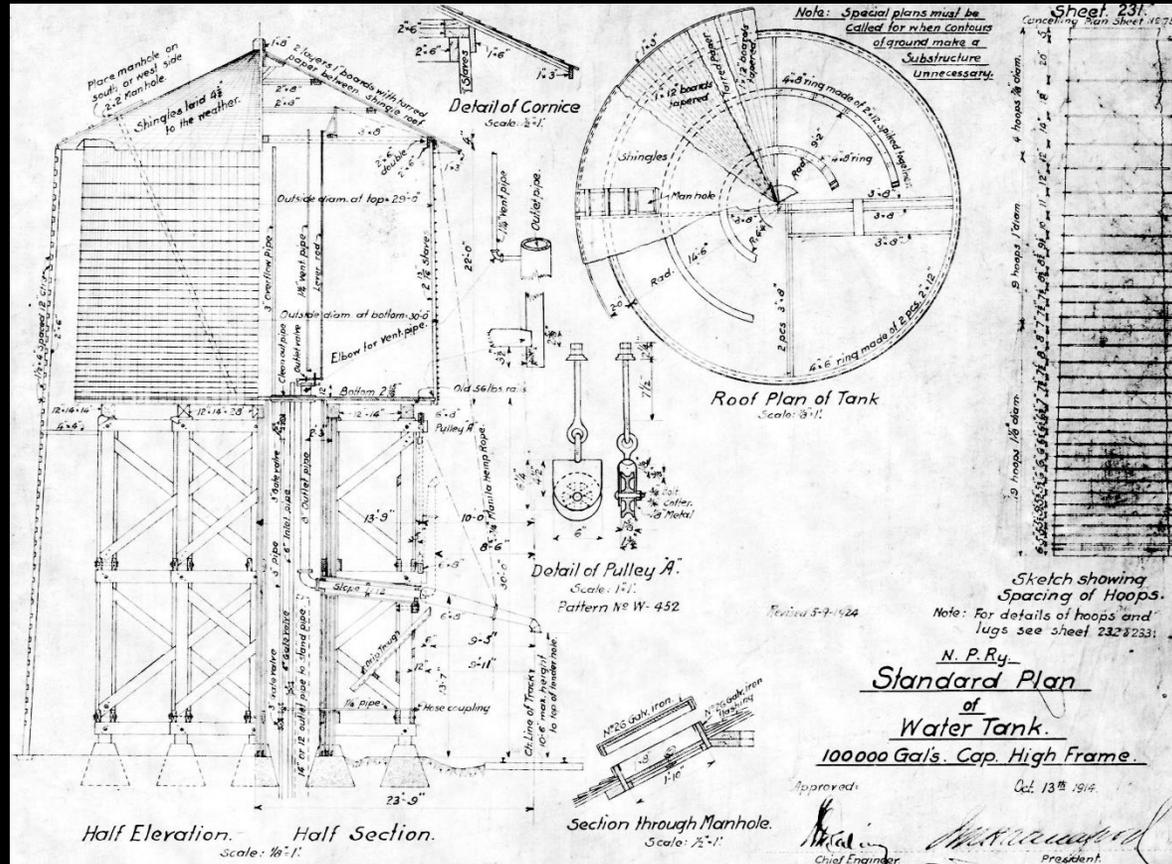
N. P. Ry.  
 Standard Plan  
 of  
 Watchman's House.  
 Scale 1/4" = 1'-0"  
 Office of Chief Engr., St. Paul, Minn., Dec. 27, 1916.  
 Approved:  
 C. E. [Signature]  
 Chief Engineer. President.

Watchmans House - 7ft x 8ft - 1916

# # 24

# Water Tank 100000 Gal - High Frame

# \$80.00

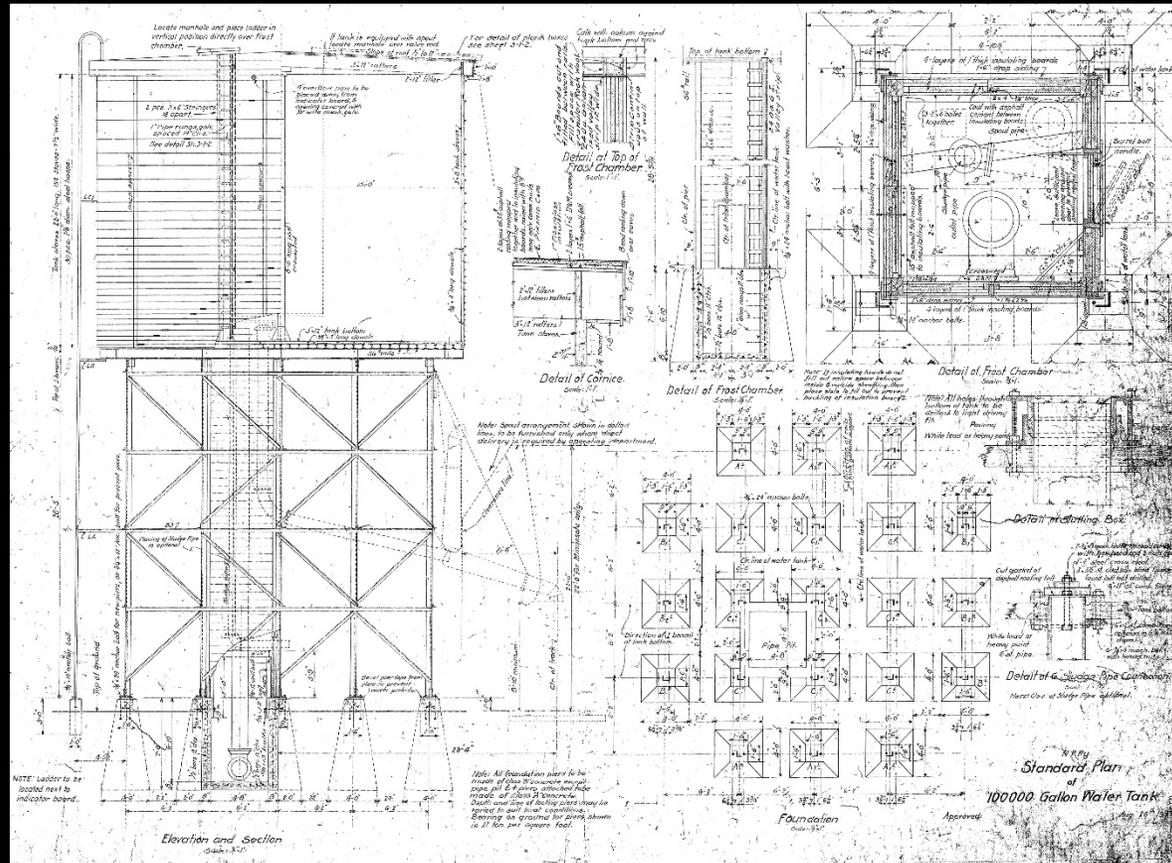


Water Tank 100000 Gal - High Frame - 1914

# # 25

## Water Tank 100000 Gal - Metal Frame

### \$80.00

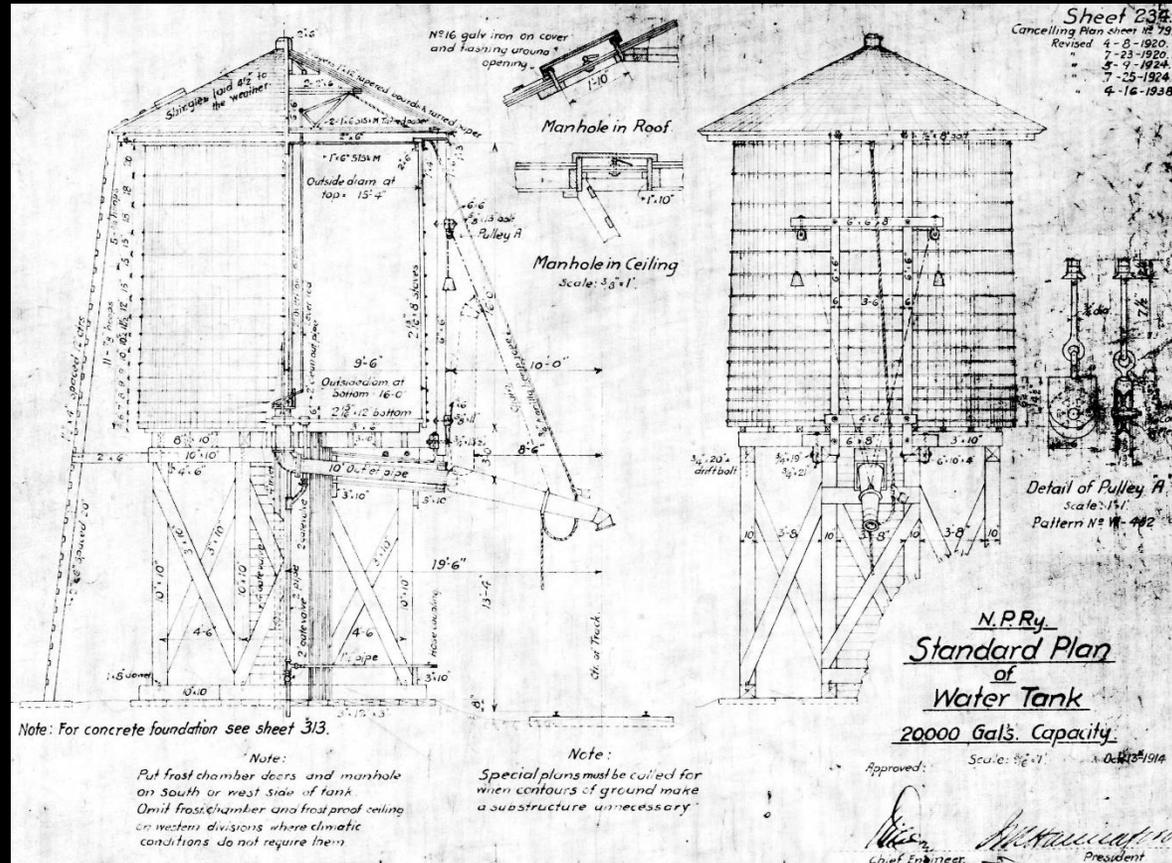


Water Tank 100000 Gal - Metal Frame - 1933

# # 26

# Water Tank 20000 Gal - Low Frame

# \$70.00

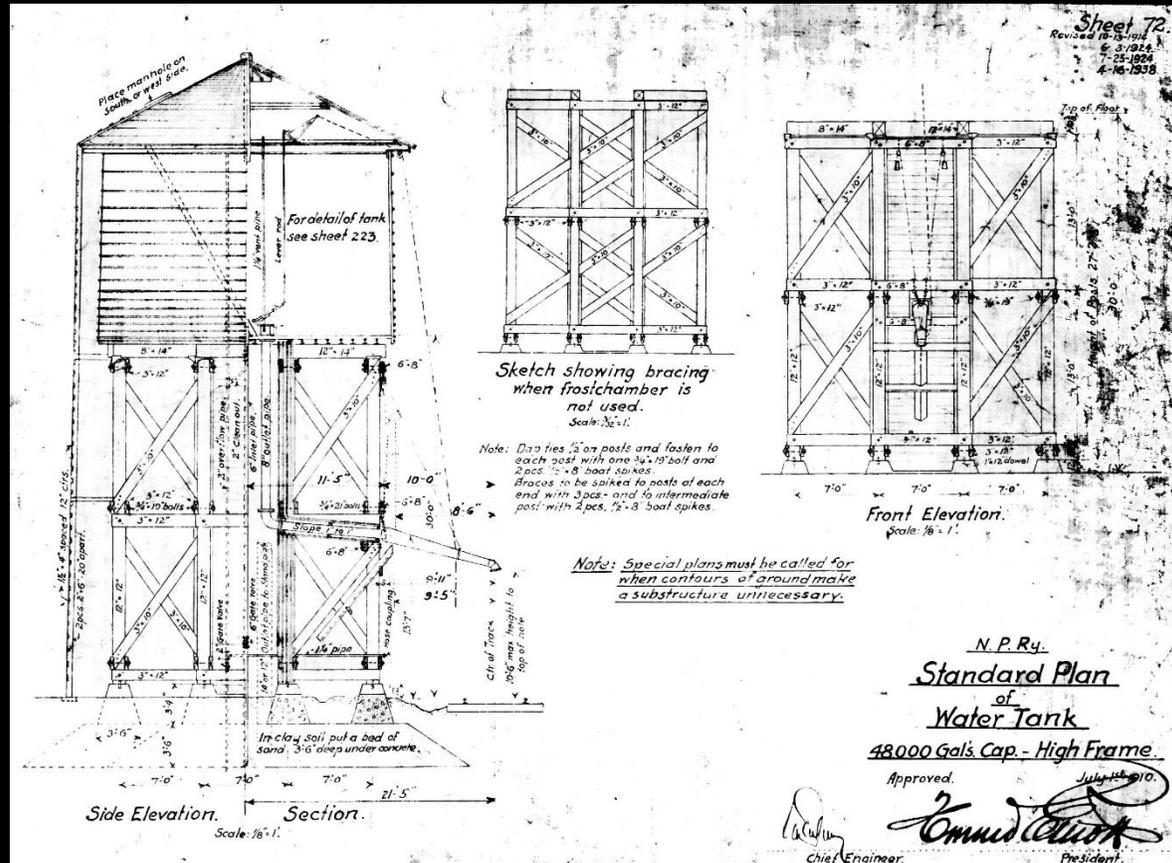


Water Tank 20000 Gal - Low Frame - 1914

# # 27

# Water Tank 48000 Gal - High Frame

# \$70.00

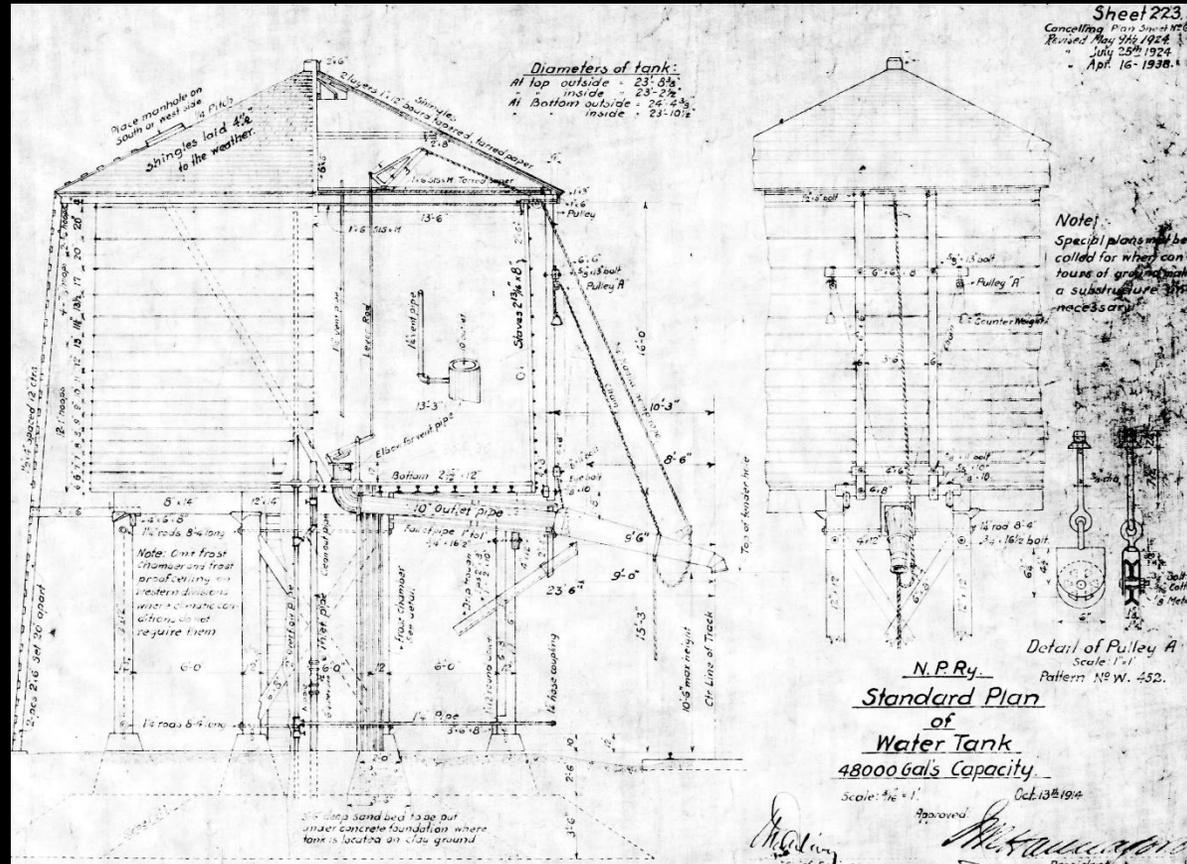


Water Tank 48000 Gal - High Frame - 1910

# # 28

# Water Tank 48000 Gal - Low Frame

# \$70.00

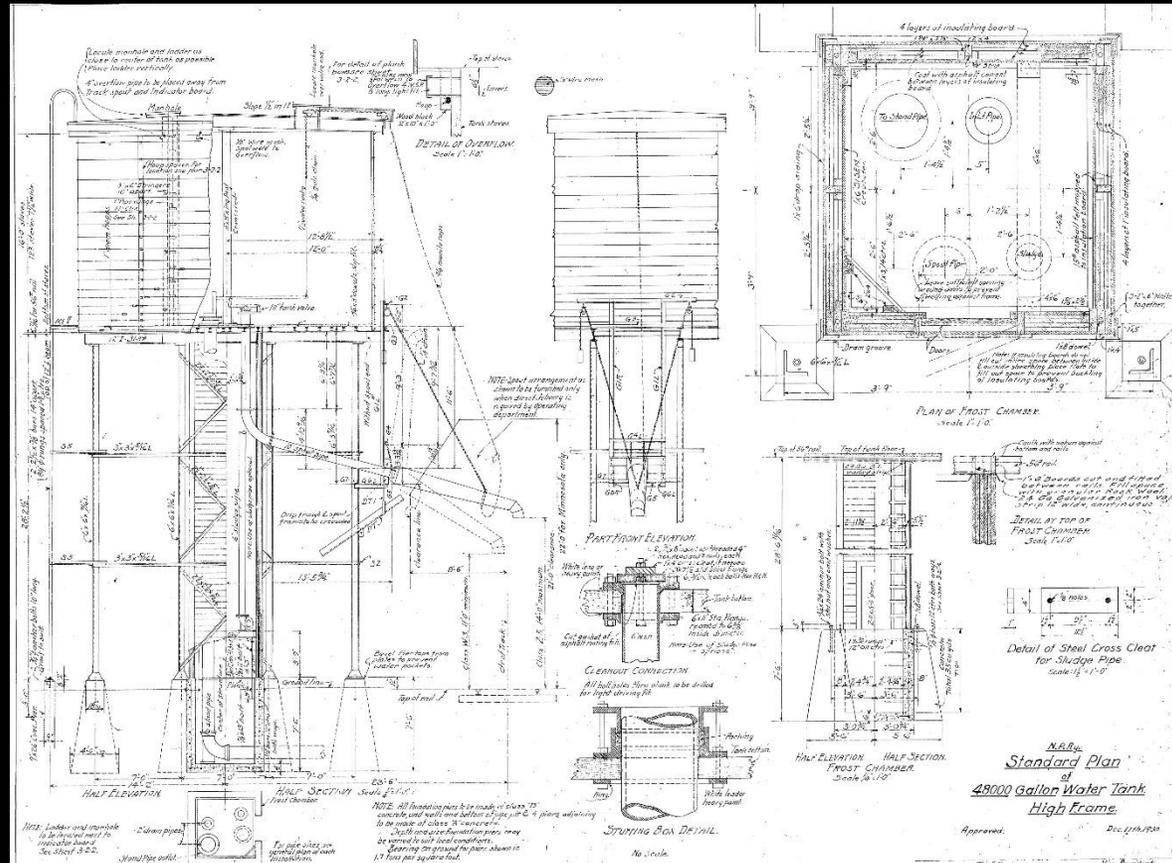


Water Tank 48000 Gal - Low Frame - 1914

# # 29

# Water Tank 48000 Gal - High Metal Frame

# \$70.00



Water Tank 48000 Gal - High Metal Frame - 1930

# 30

Water Tank – Metal

\$80.00

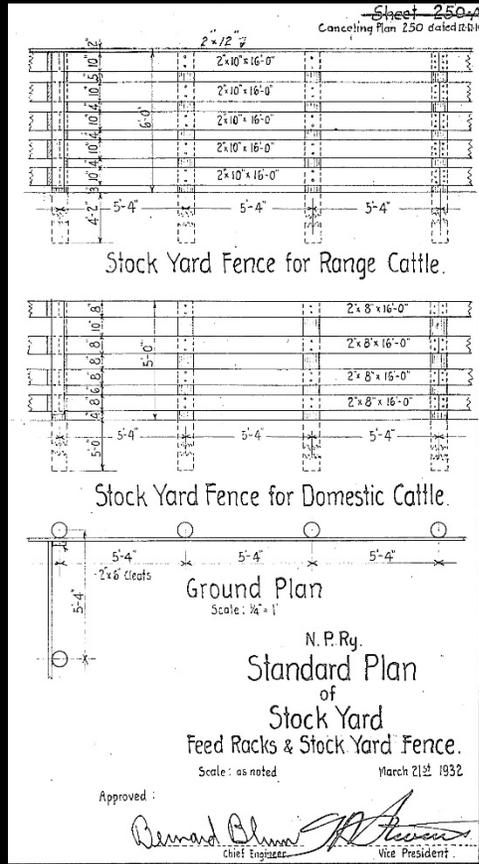


Water Tank - Metal

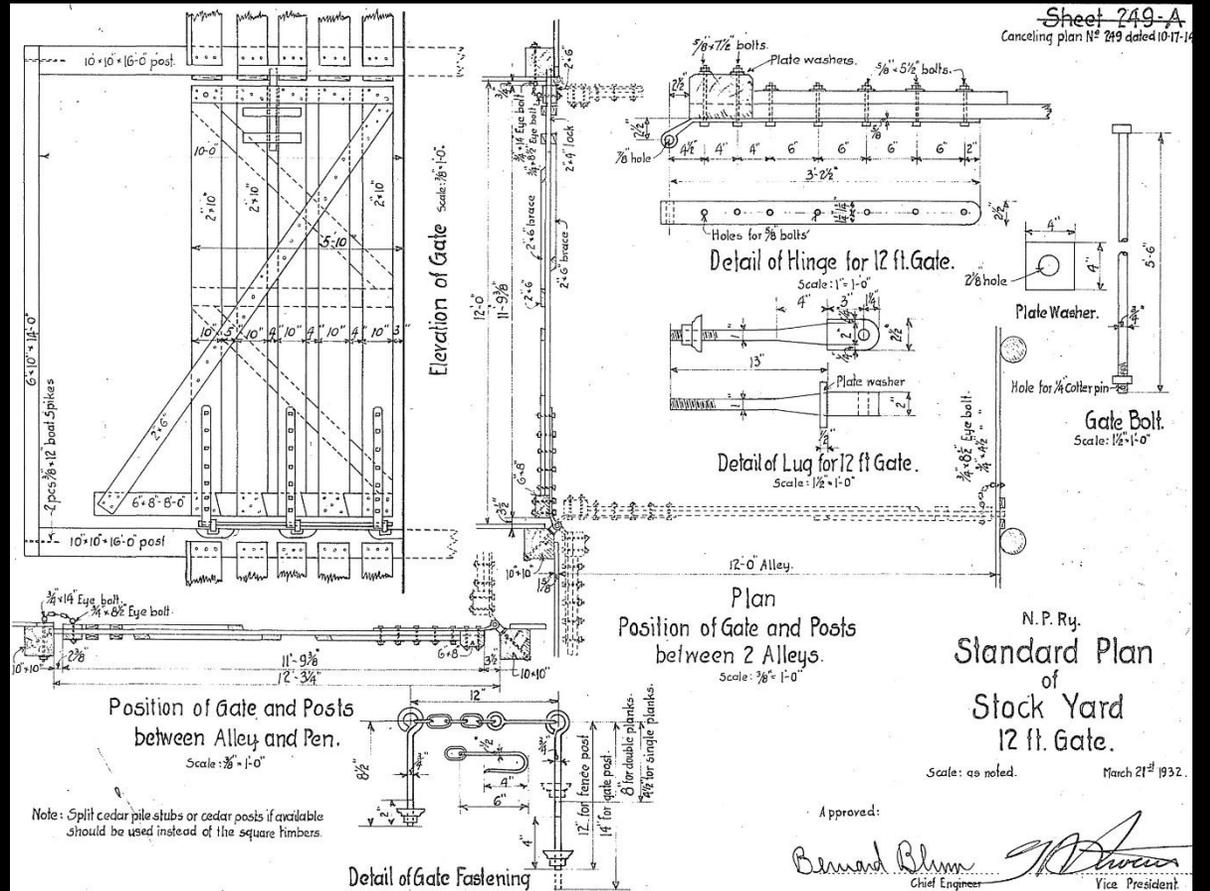
# # 31

# Stock Yard - Common Plans & Kit Materials for Fences, Ramps and Gates - 1914

## \$30.00



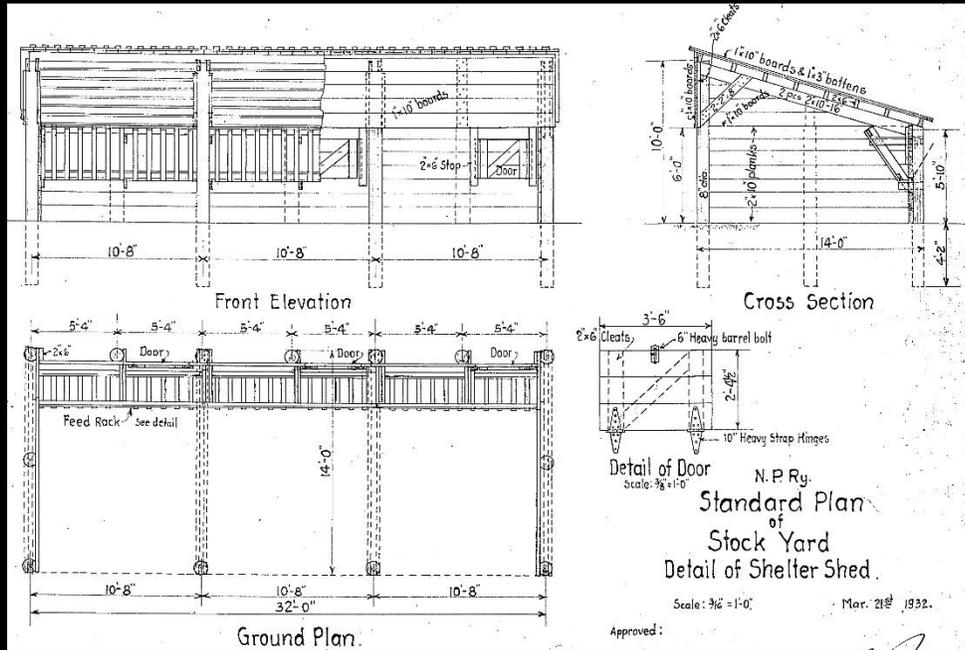
Stock Yard Fence - 1932



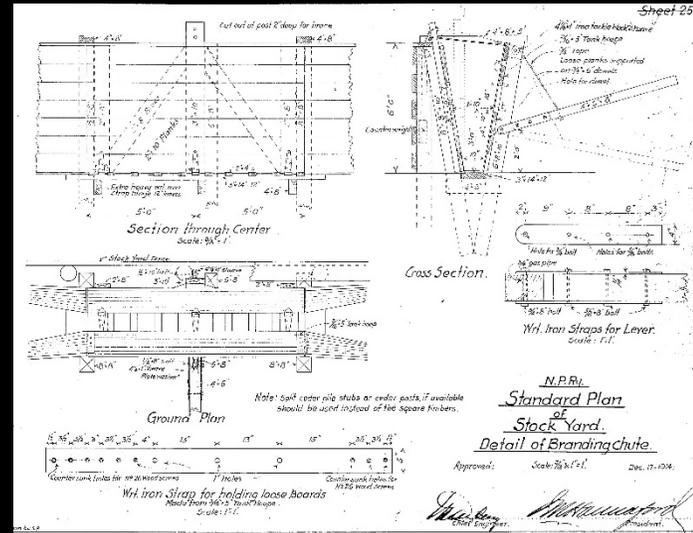
# # 32

# Stock Yard - Common Plans & Kit Materials for Shelter, Scale Shed, Branding Chute, etc. - 1914

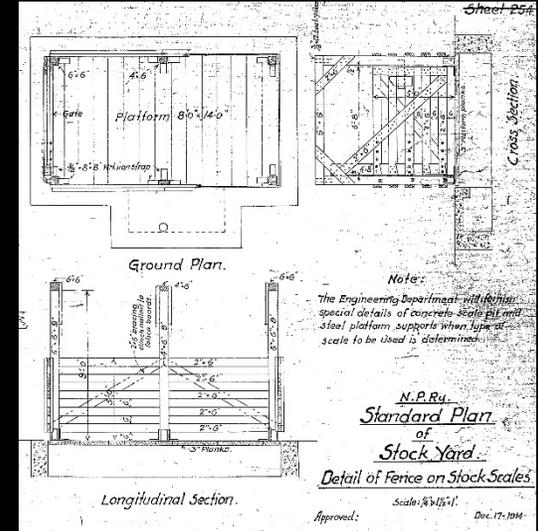
## \$30.00



Stock Yard Shelter Shed - 1932



Stock Yard Branding Chute - 1914



Stock Yard Scale Fence - 1914

end