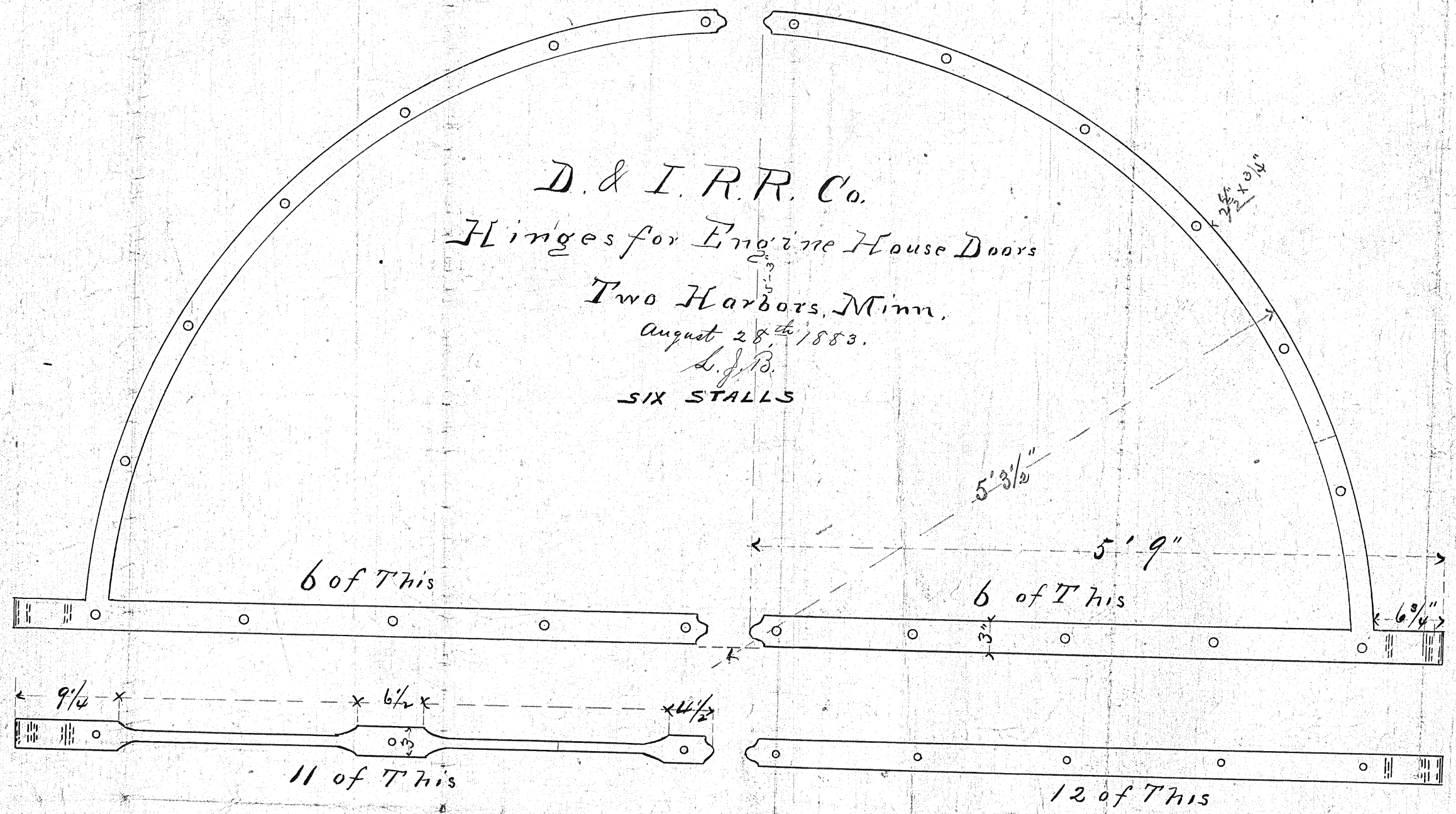
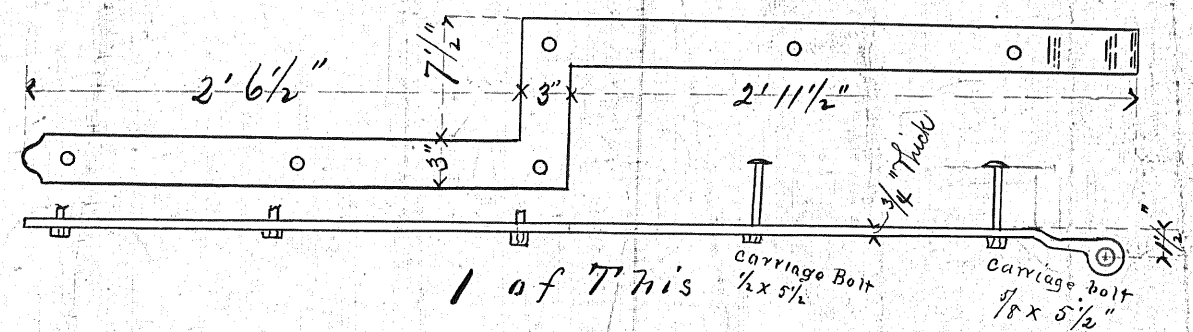


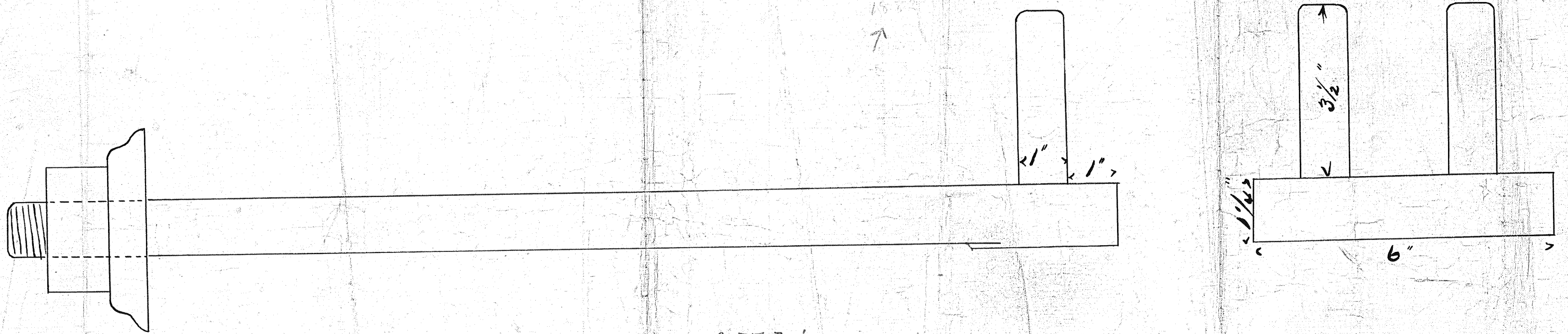
D. & I. R. R. Co.
 Hinges for Engine House Doors
 Two Harbors, Minn.
 August 28th 1883.
 L. J. B.
 SIX STALLS



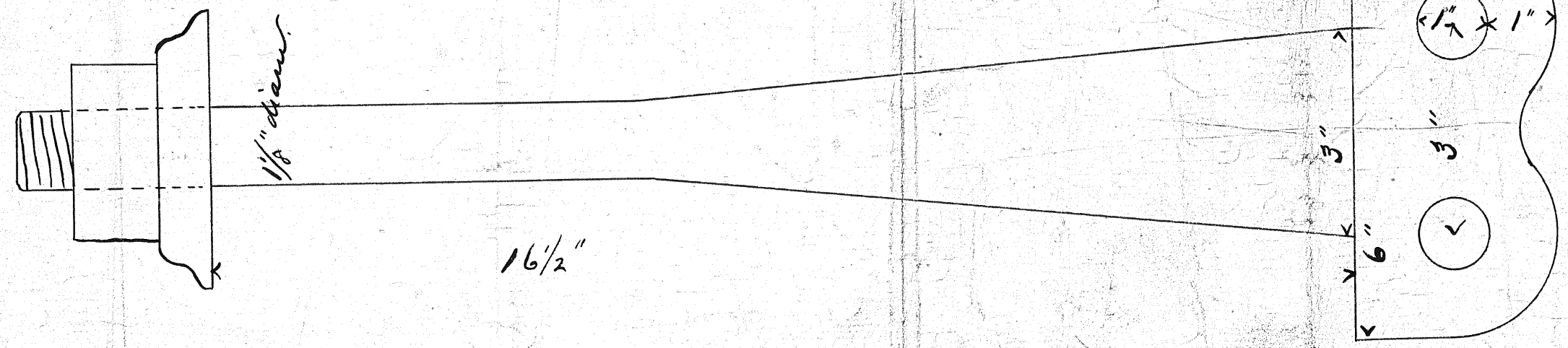
- 40 Carriage Bolts $\frac{1}{8} \times 5\frac{1}{2}$ "
- 200 " " " $\frac{1}{2} \times 5\frac{1}{2}$ "
- 40 $\frac{1}{8}$ " Wrot. Washers
- 200 $\frac{1}{2}$ " " "



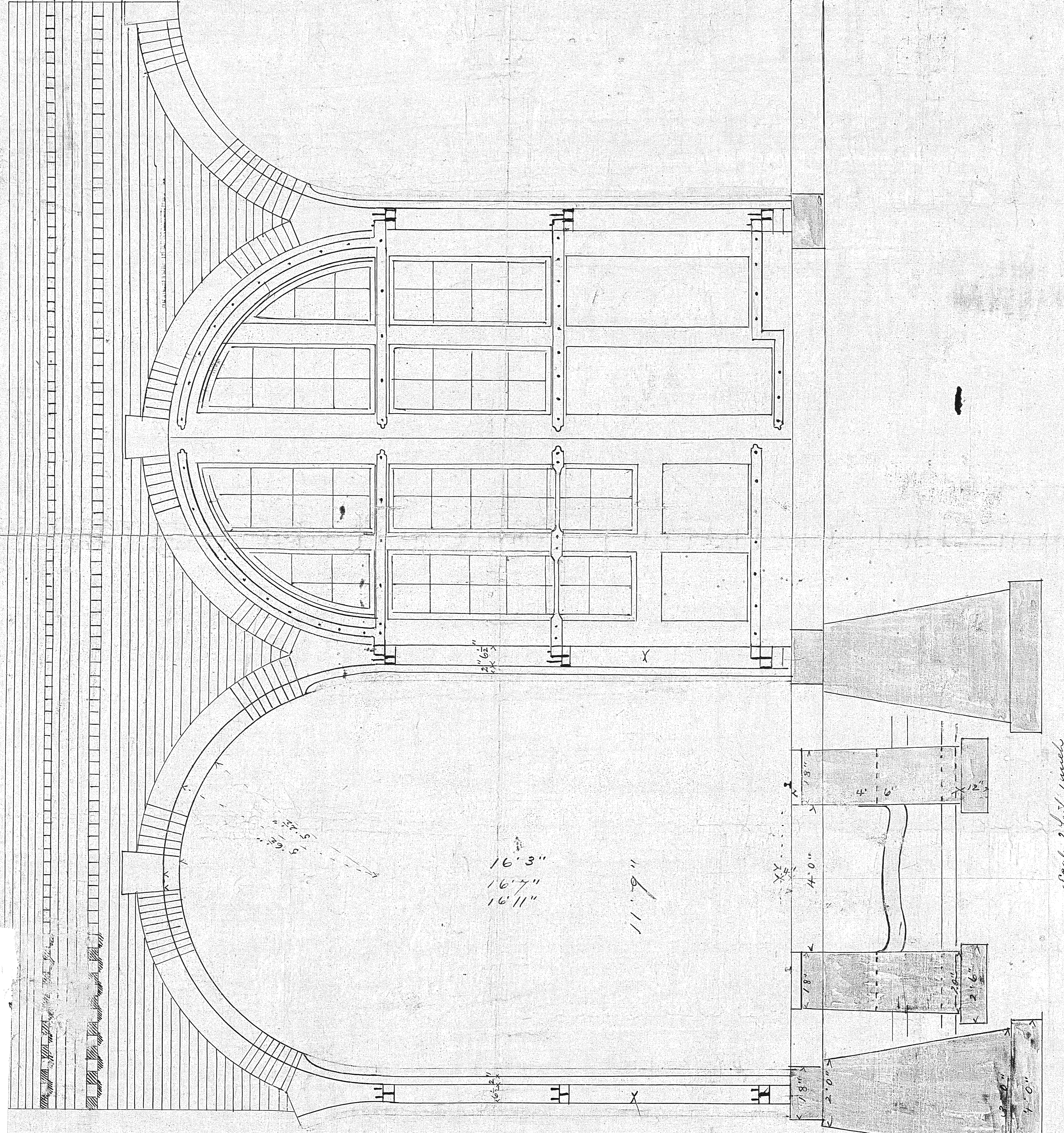
D & I R R Co
 Hinge Anchors Eng. House Doors
 Two Harbors Minn.
 Half Size
 T.J.B.



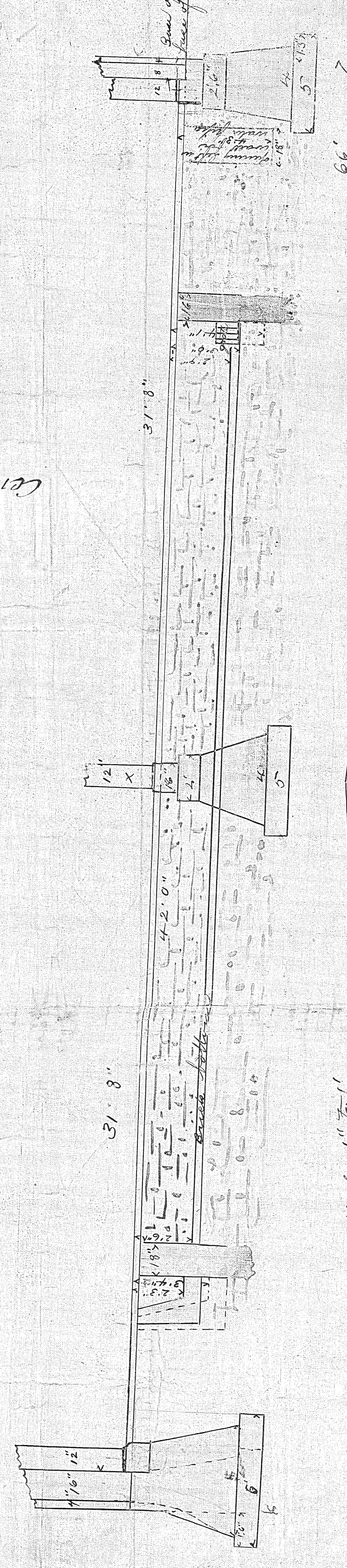
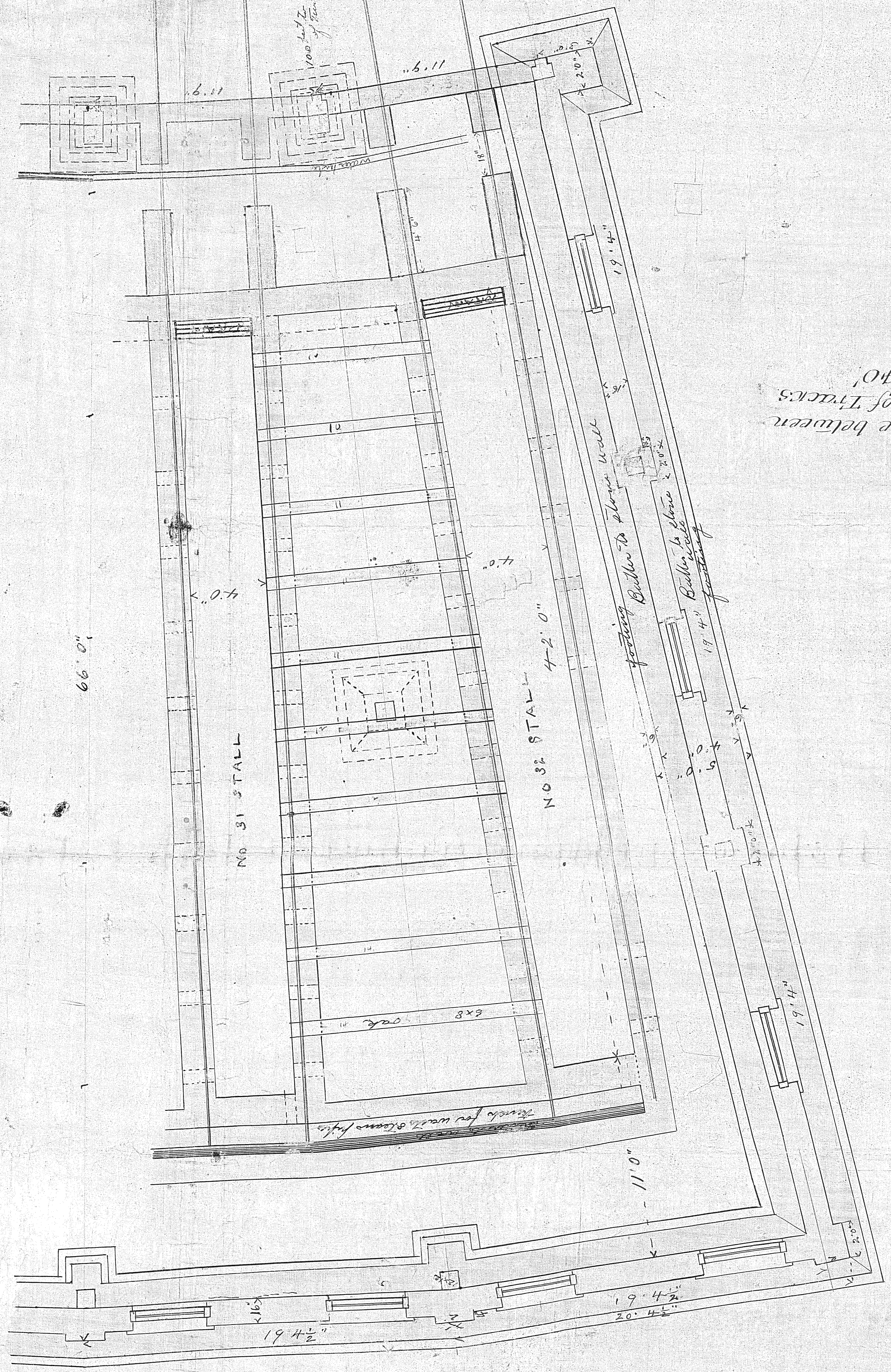
2 of this



28-1



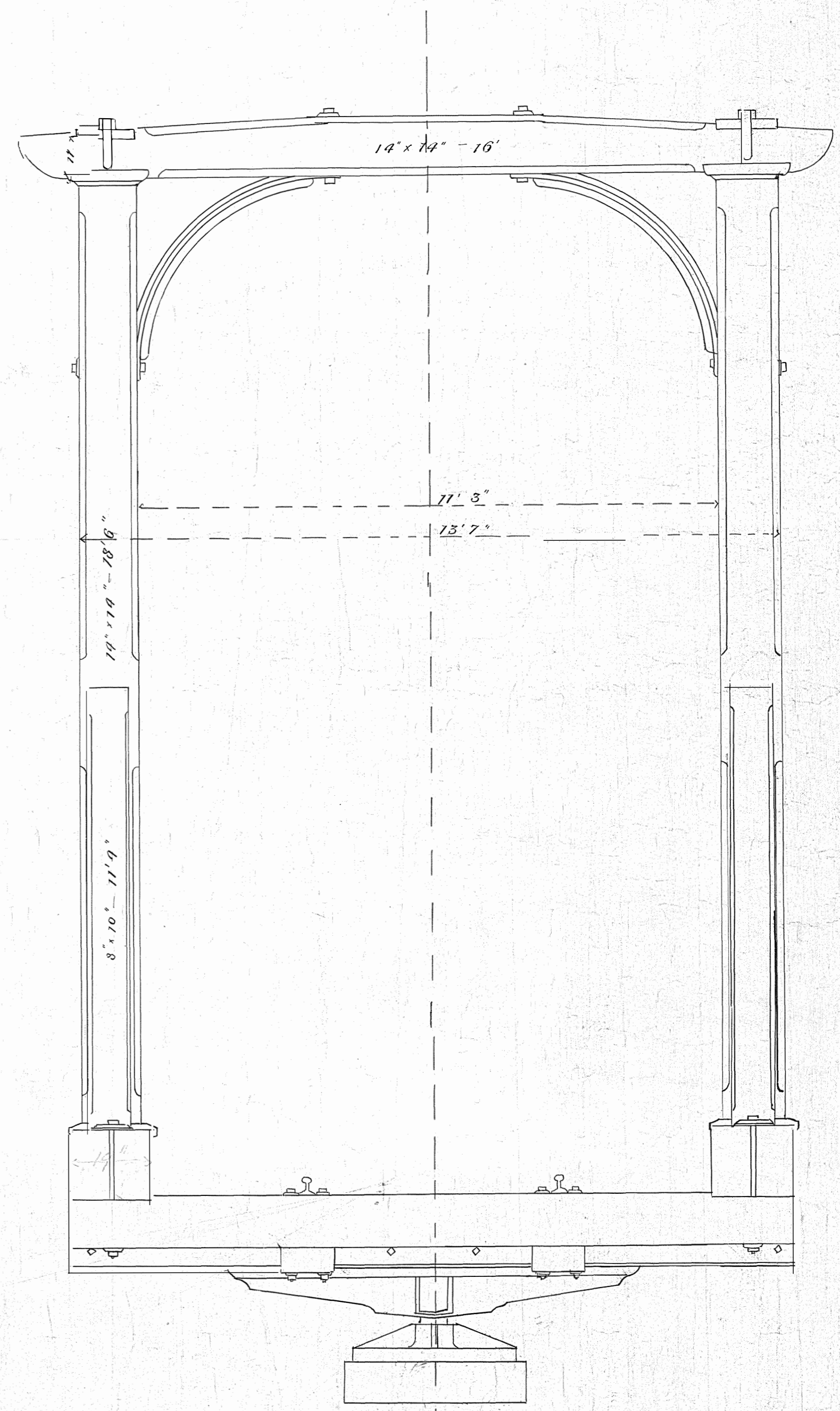
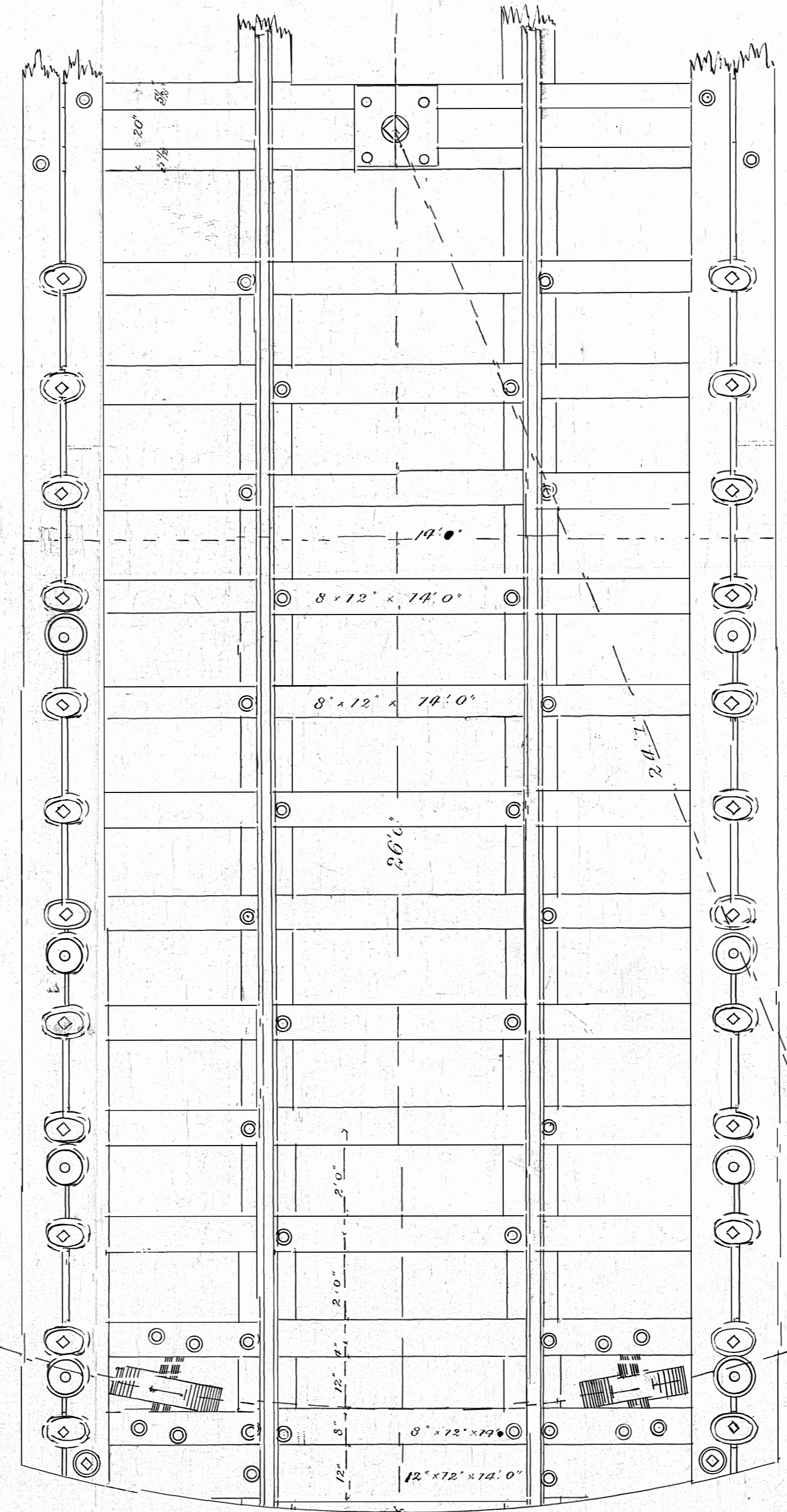
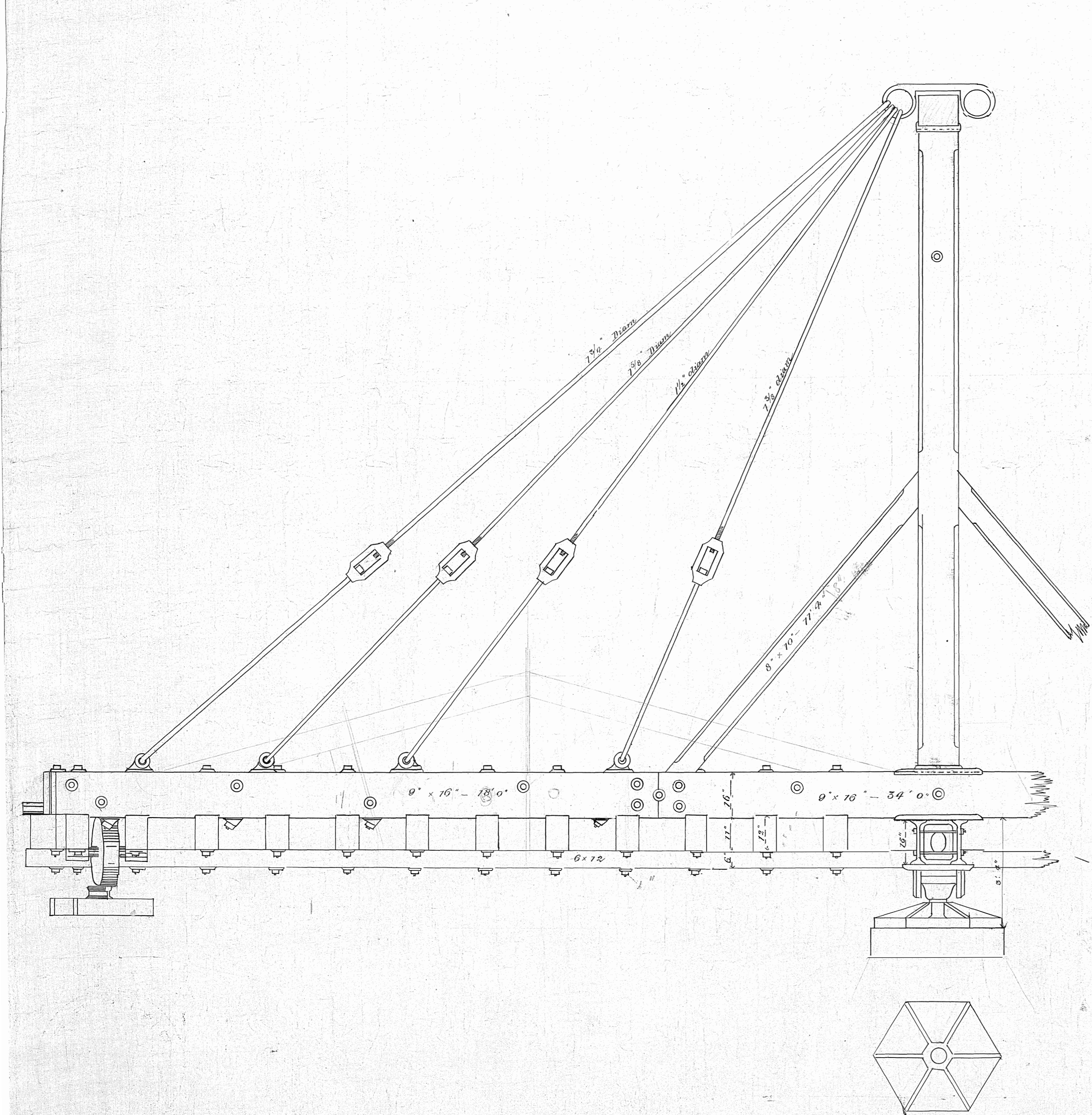
28-1



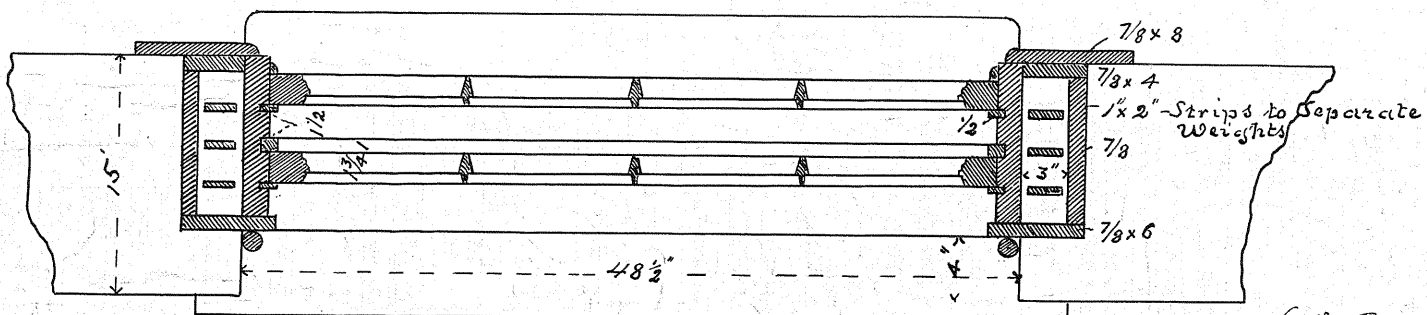
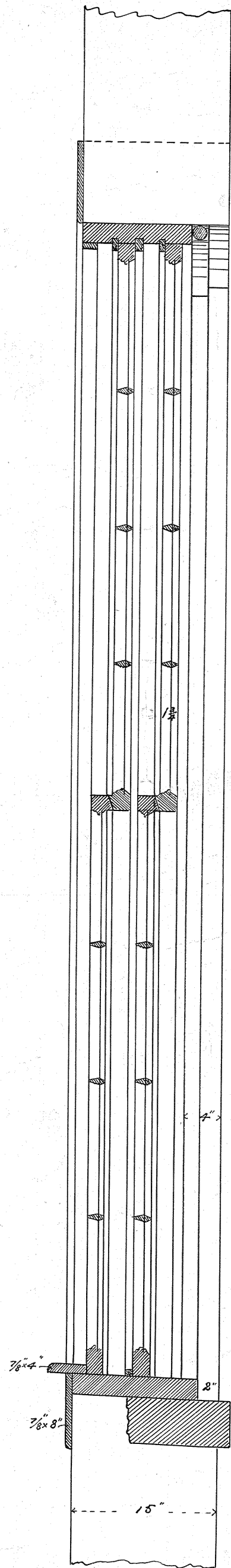
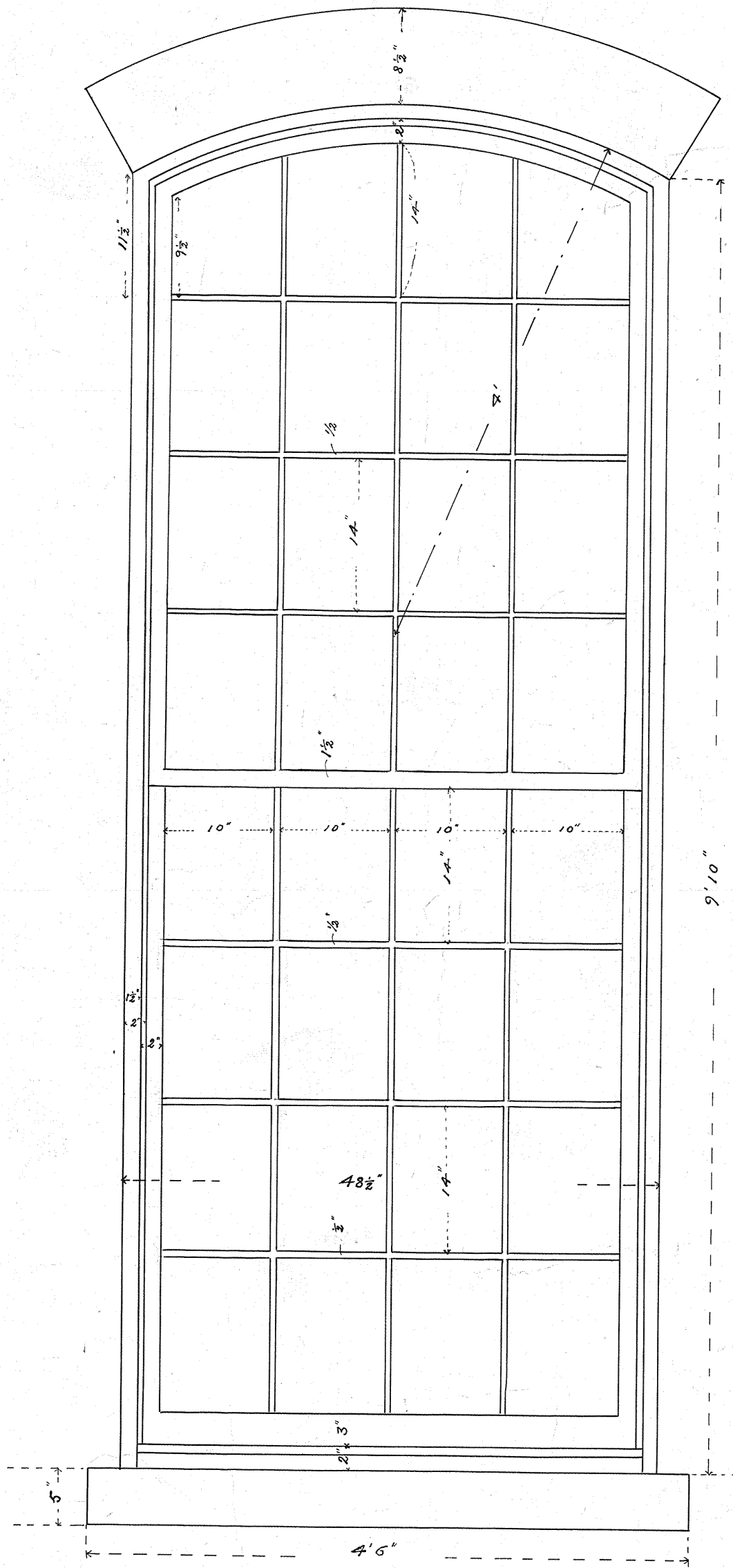
28-1

D AND I. R. R. TURNTABLE.

Scale 1-2 inch to the foot.



D. & I. R. R.
OFFICE OF
SUPT. BRIDGES & BLDGS.
DATE 1896
DRAWER No. 4
SHEET No. 200



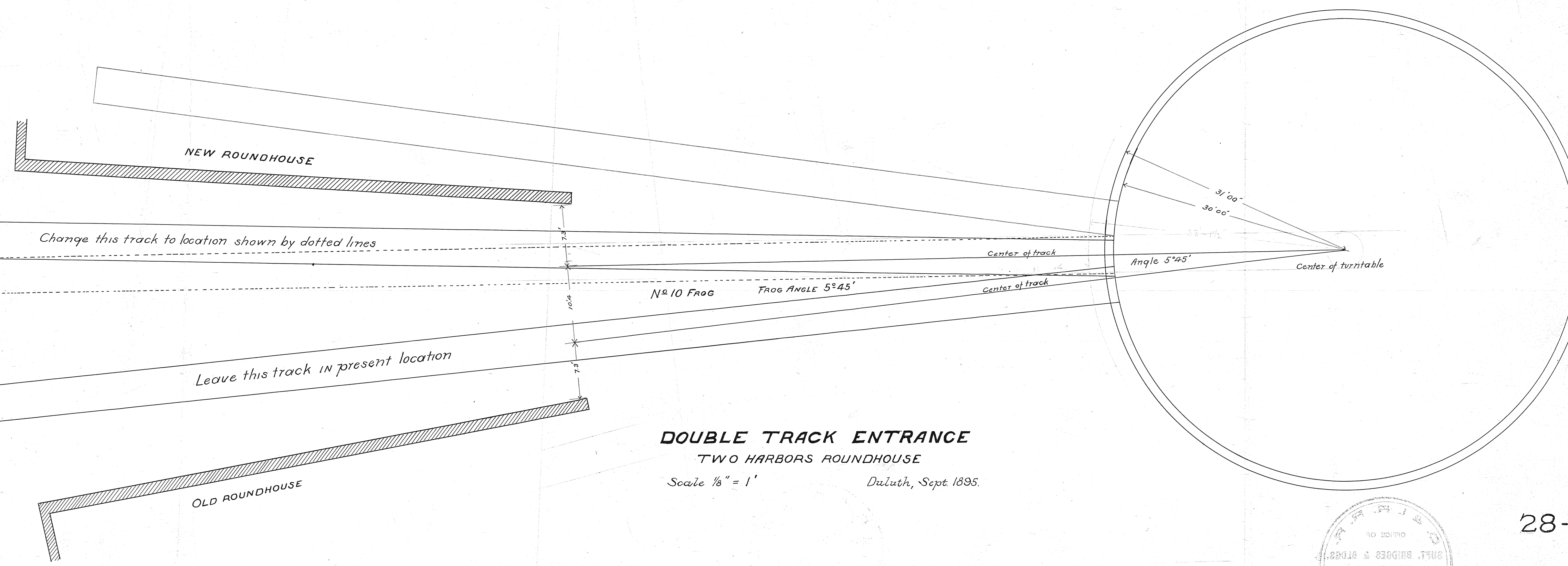
28-6

STANDARD
ROUNDHOUSE WINDOW
SCALE: 1"=1'

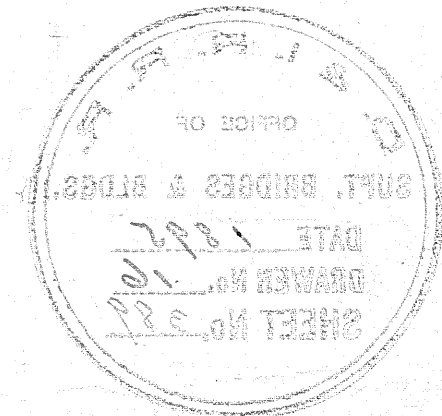
W. A. Wagoner
RESIDENT ENGINEER

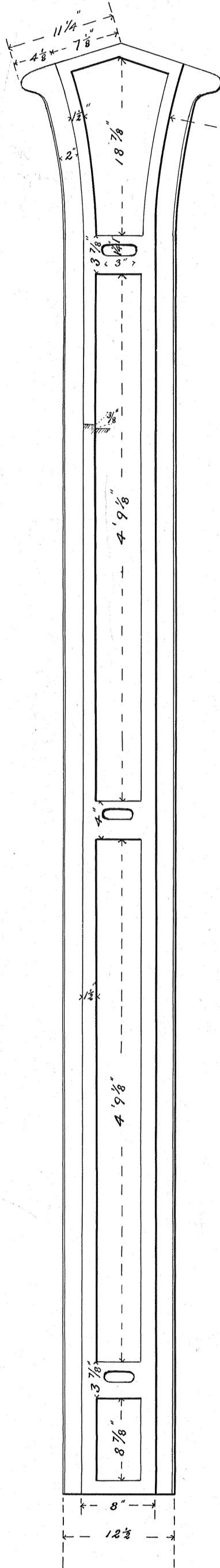
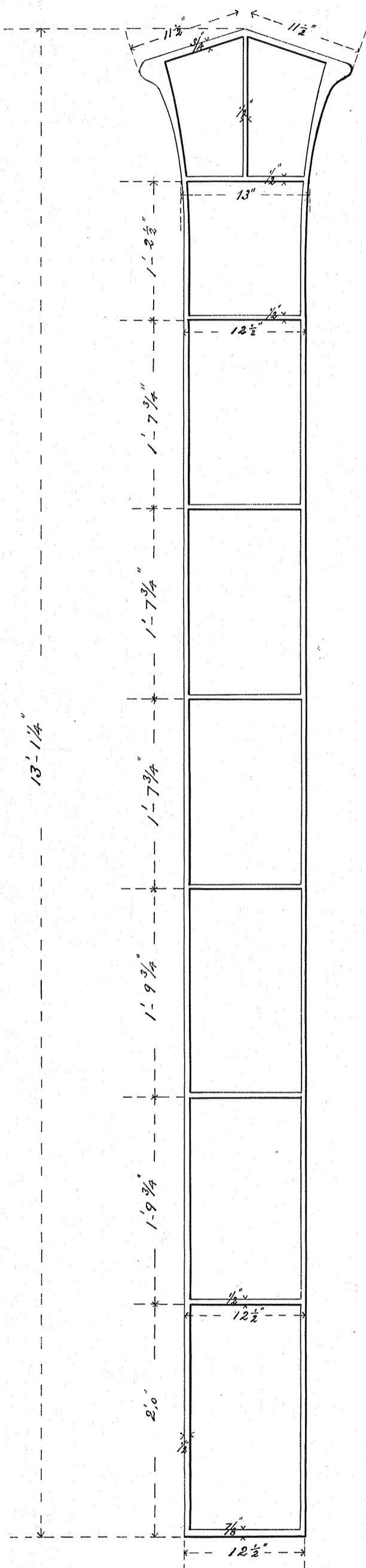
DOUBLE TRACK ENTRANCE TWO HARBORS ROUNDHOUSE

DOUBLE TRACK ENTRANCE TWO HARBORS ROUNDHOUSE



DOUBLE TRACK ENTRANCE
 TWO HARBORS ROUNDHOUSE
 Scale 1/8" = 1' Duluth, Sept. 1895.





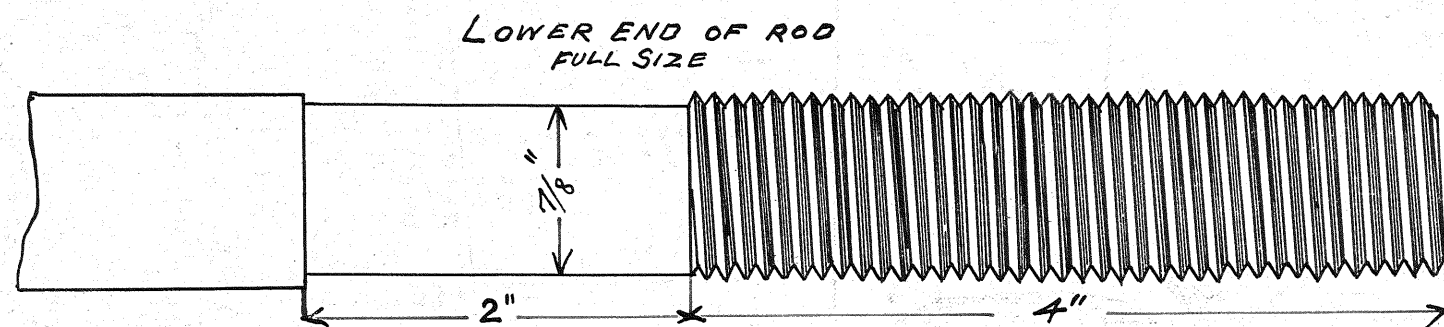
D & I. R. R. R.
 CAST IRON COLUMN FOR ROUNDHOUSE
 AT
 TWO HARBORS

SCALE: 1" = 1'

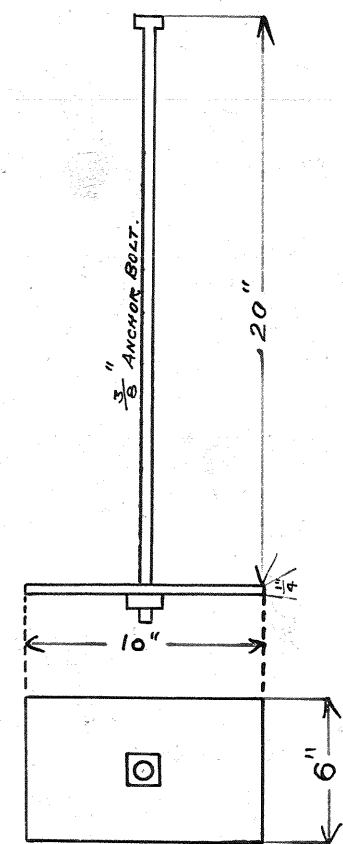
SUPT B & B

28-6

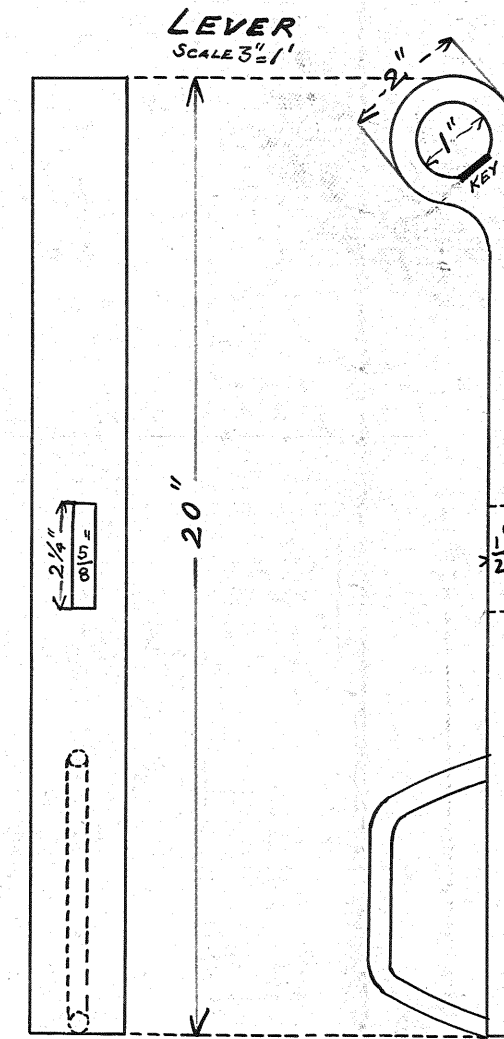
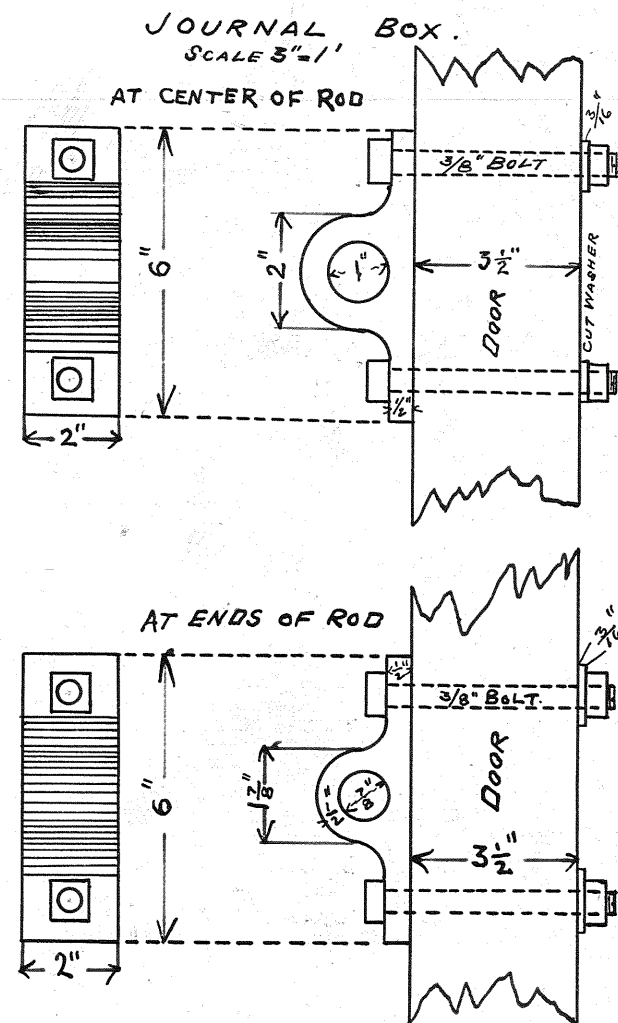
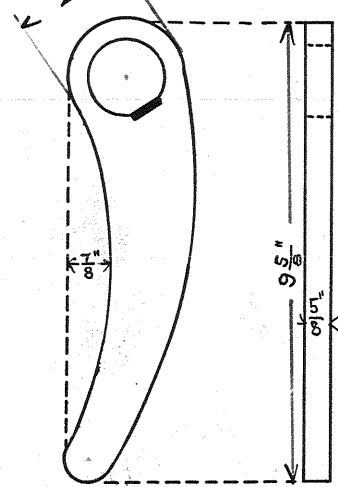
FASTENING FOR Round House Door.



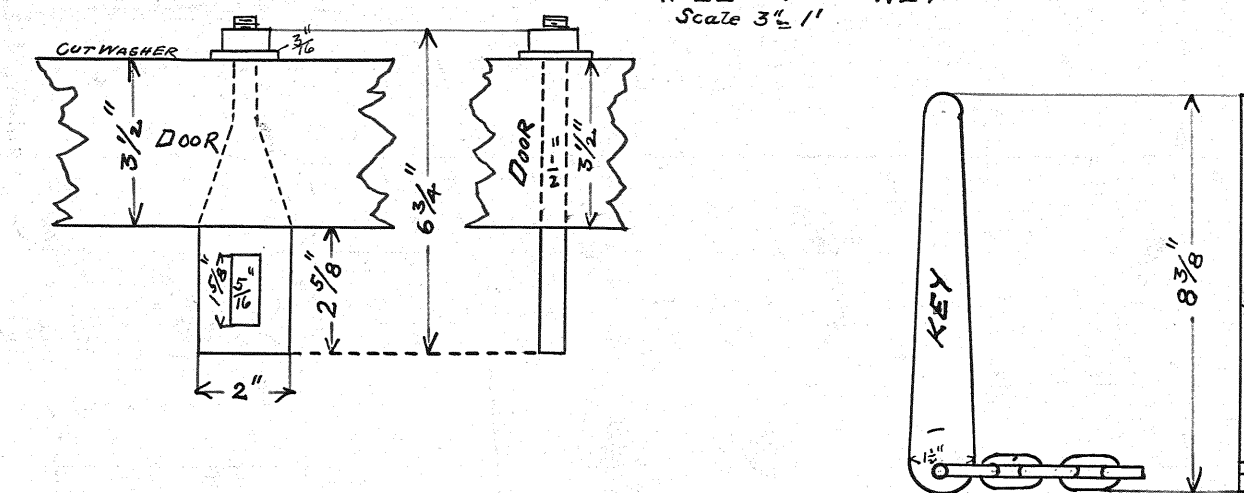
ANCHOR BOLT & PLATE
FOR HOOK IN ARCH
Scale 1/2" = 1'



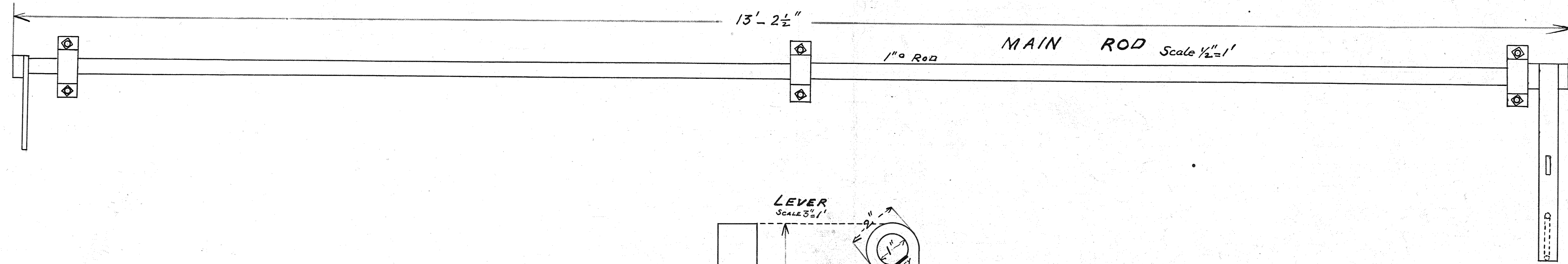
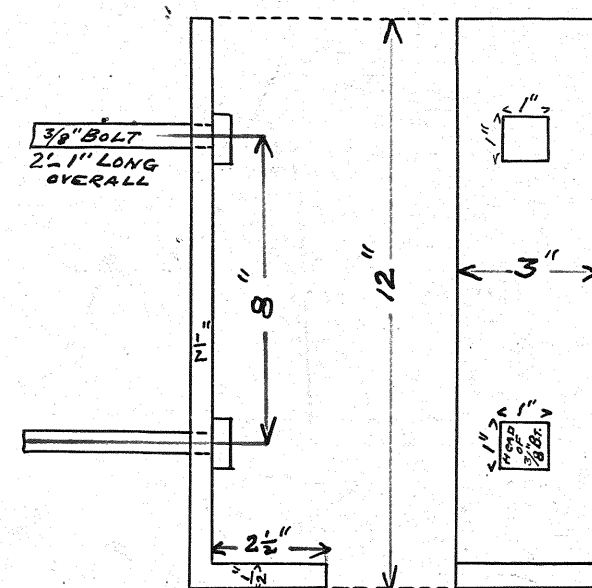
CATCH AT
TOP OF ROD
Scale 3/4" = 1'



STAPLE AND KEY
Scale 3/4" = 1'



HOOK PLATE AT
SOFFIT OF ARCH
Scale 3/4" = 1'

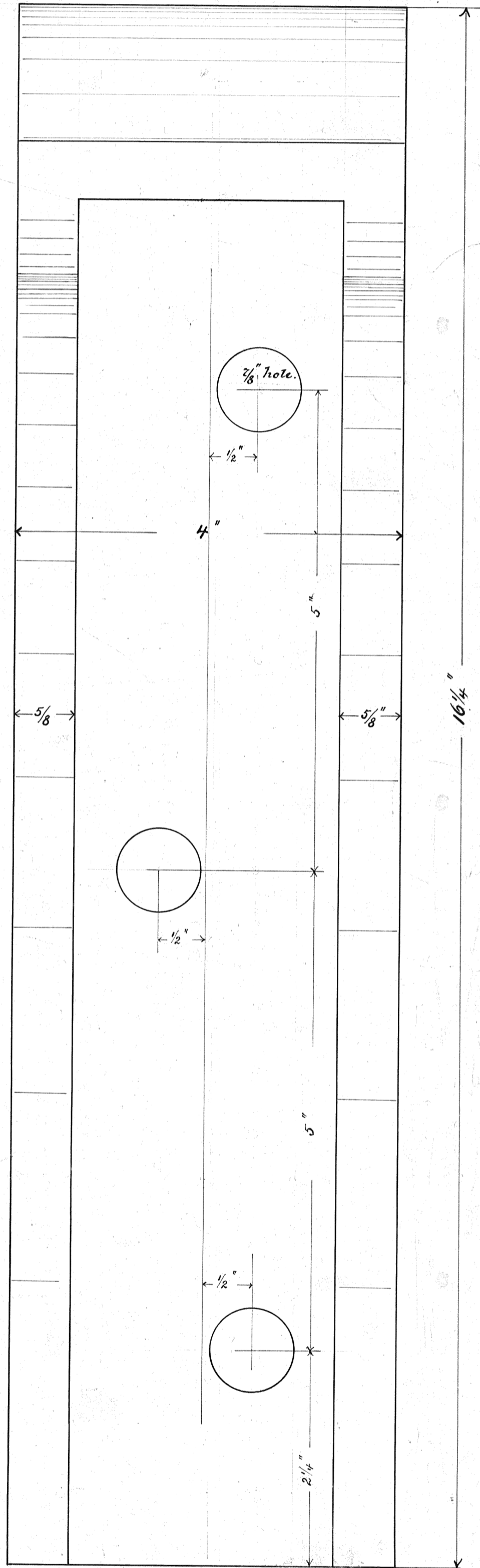
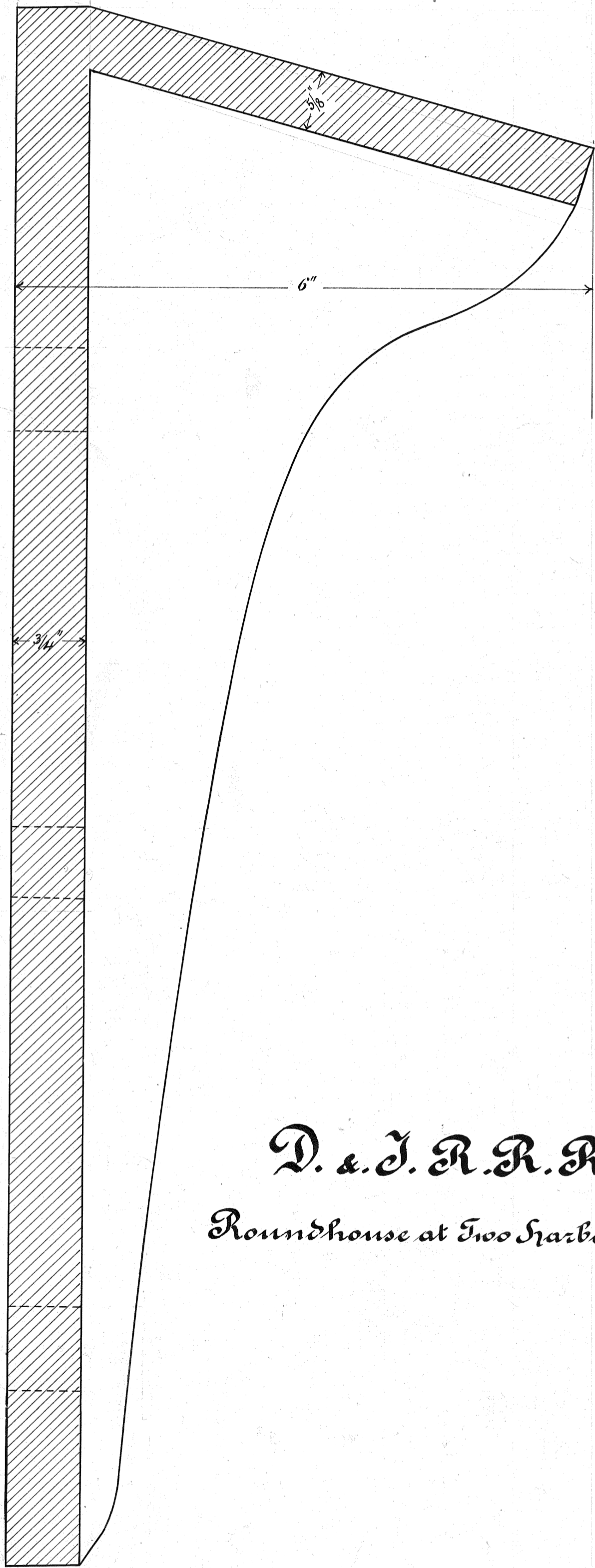


OFFICE OF
SUPT. BRIDGES & BLDGS.
DATE 1895
DRAWER NO. 9
SHEET No. 11

58-85

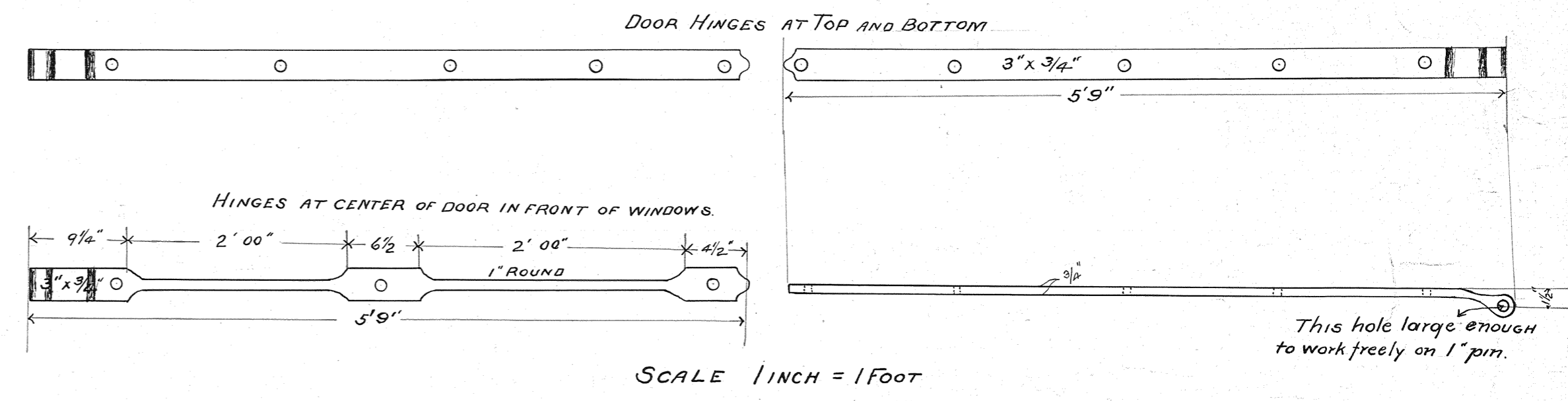
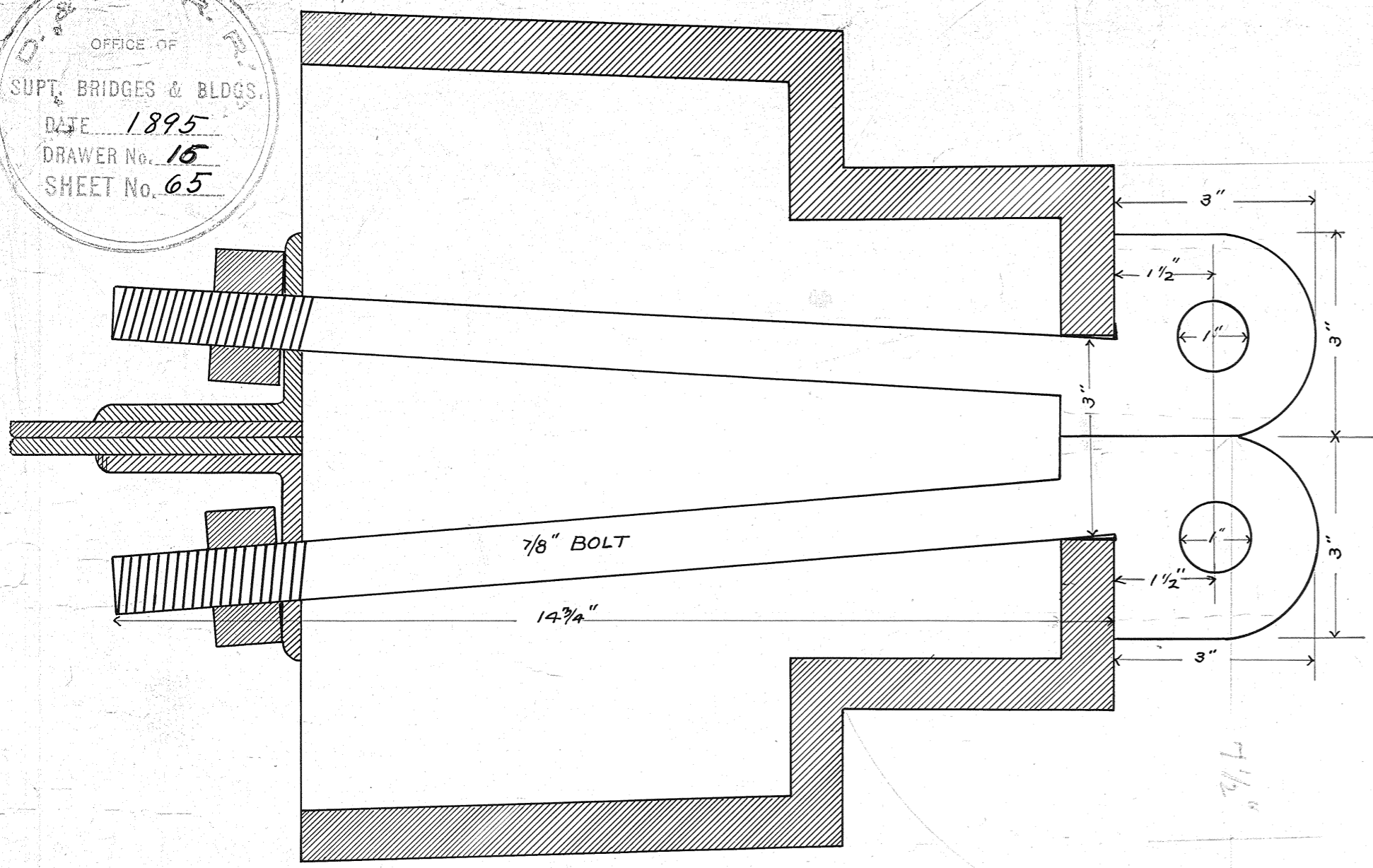
Castings for Support of Brickarch at Frontpiers.
Set into Posts $\frac{3}{4}$ " Full Size.

Make 16 Pieces.



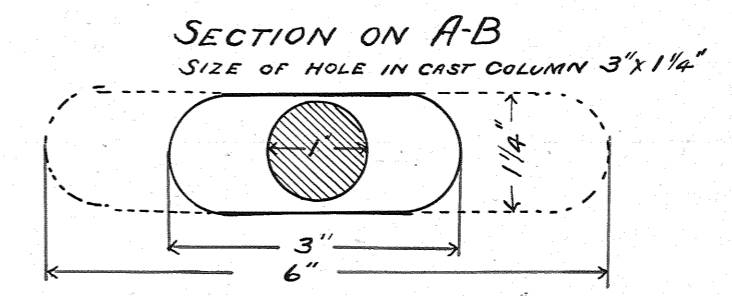
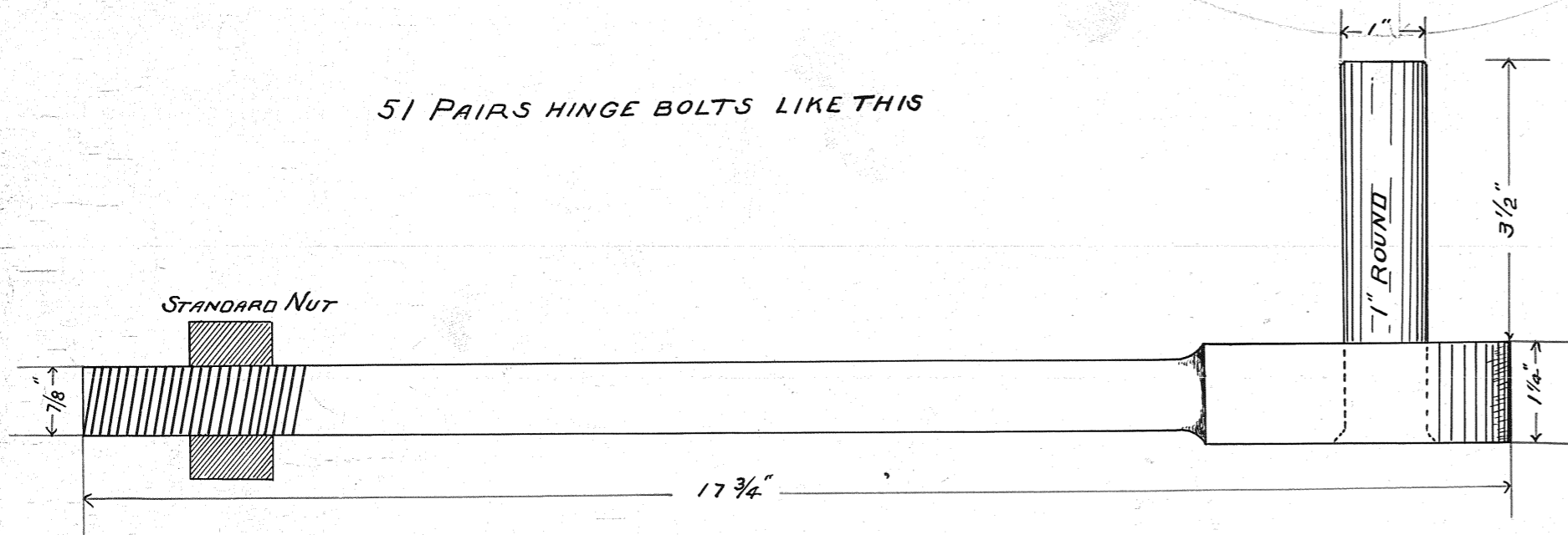
D. & J. R. R.
Roundhouse at Two Harbors

D. & I. R. R. R.
 OFFICE OF
 SUPT. BRIDGES & BLDGS.
 DATE 1895
 DRAWER No. 15
 SHEET No. 65

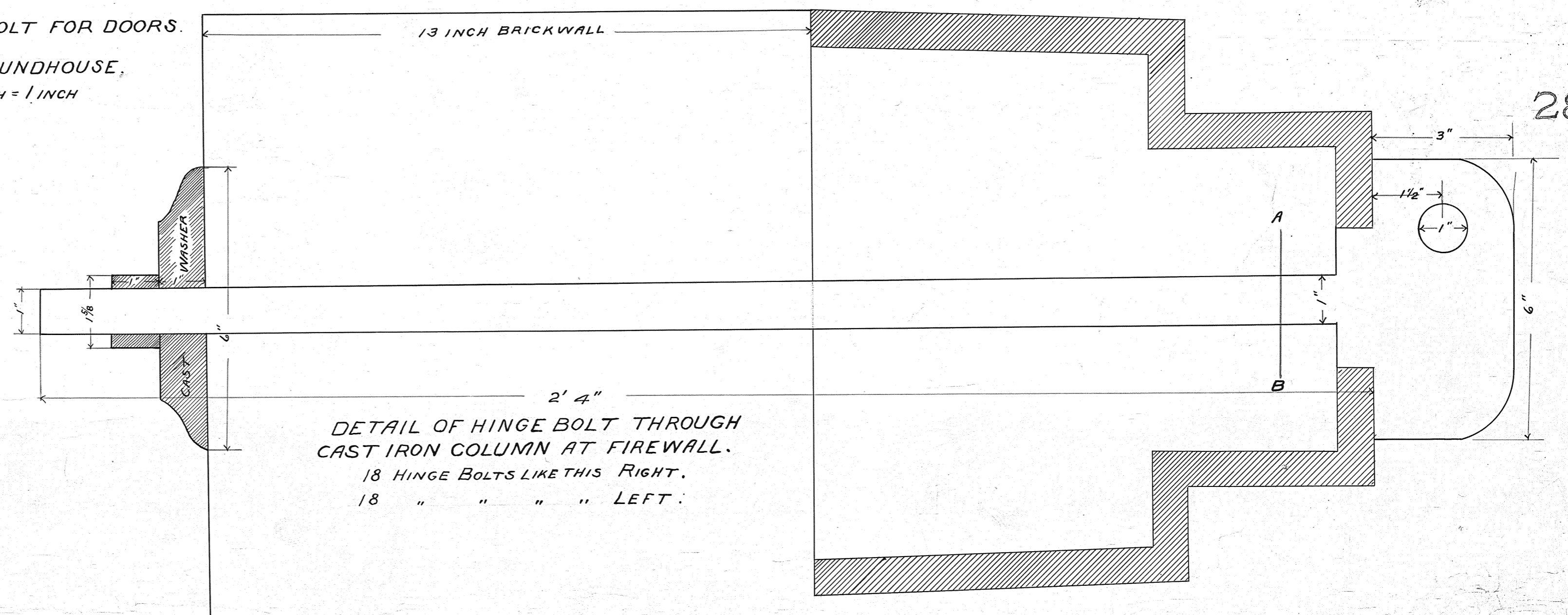


DOORS BOLTED WITH CARRIAGE BOLTS 5/8 x 5 1/2 INCHES WITH WROUGHT WASHERS.

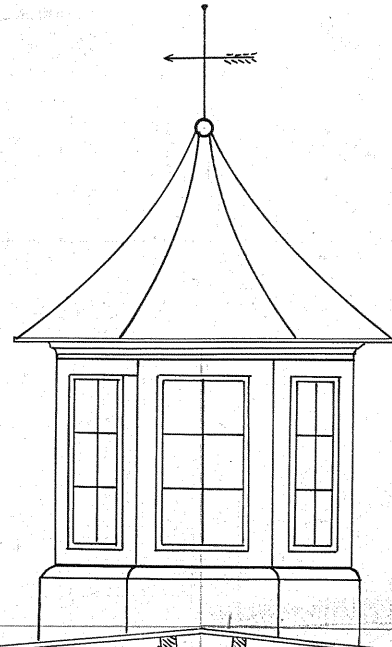
51 PAIRS HINGE BOLTS LIKE THIS



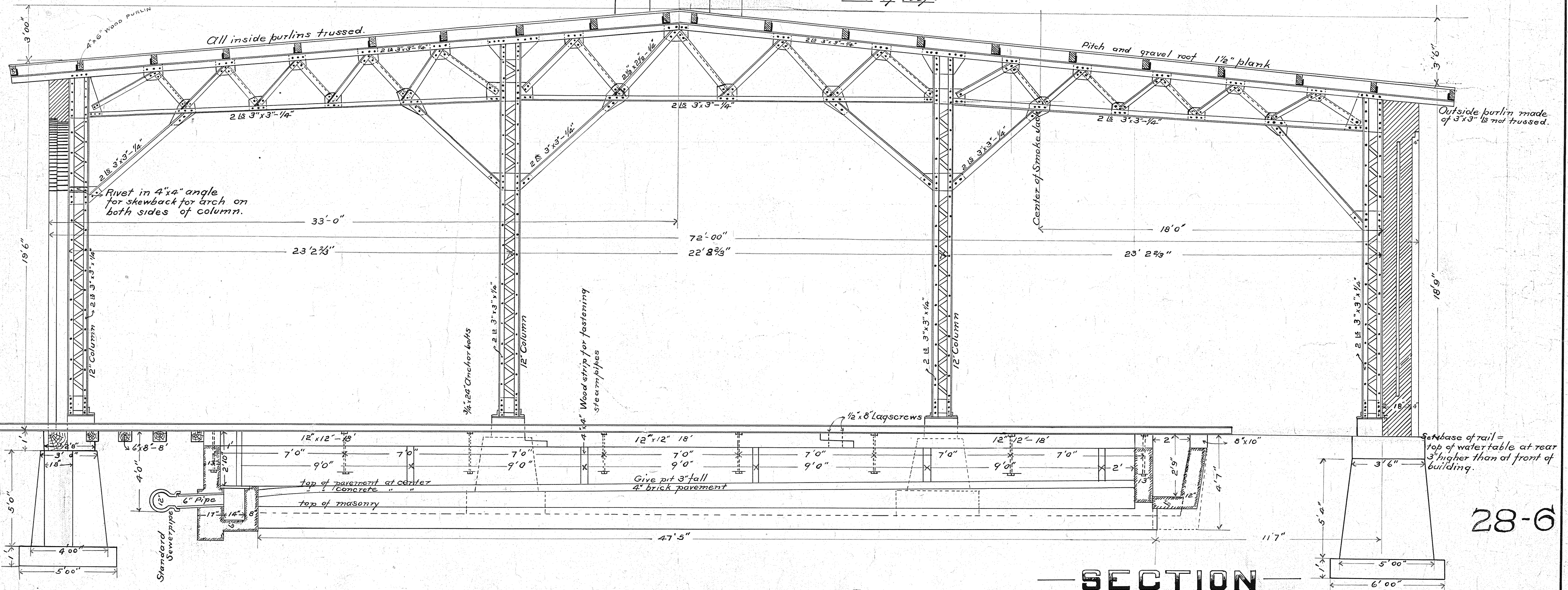
DETAIL OF HINGE BOLT FOR DOORS.
 D. & I. R. R. R. ROUNDHOUSE,
 SCALE 1/2 INCH = 1 INCH



28-6



NOTE: Compute this truss to carry @50 lbs. persqft. of roof combined wind and snow load in addition to dead load of roof.



12 TRUSSES LIKE THIS No's 6 to 17

SECTION
D & I. R. R. R. ROUNDHOUSE

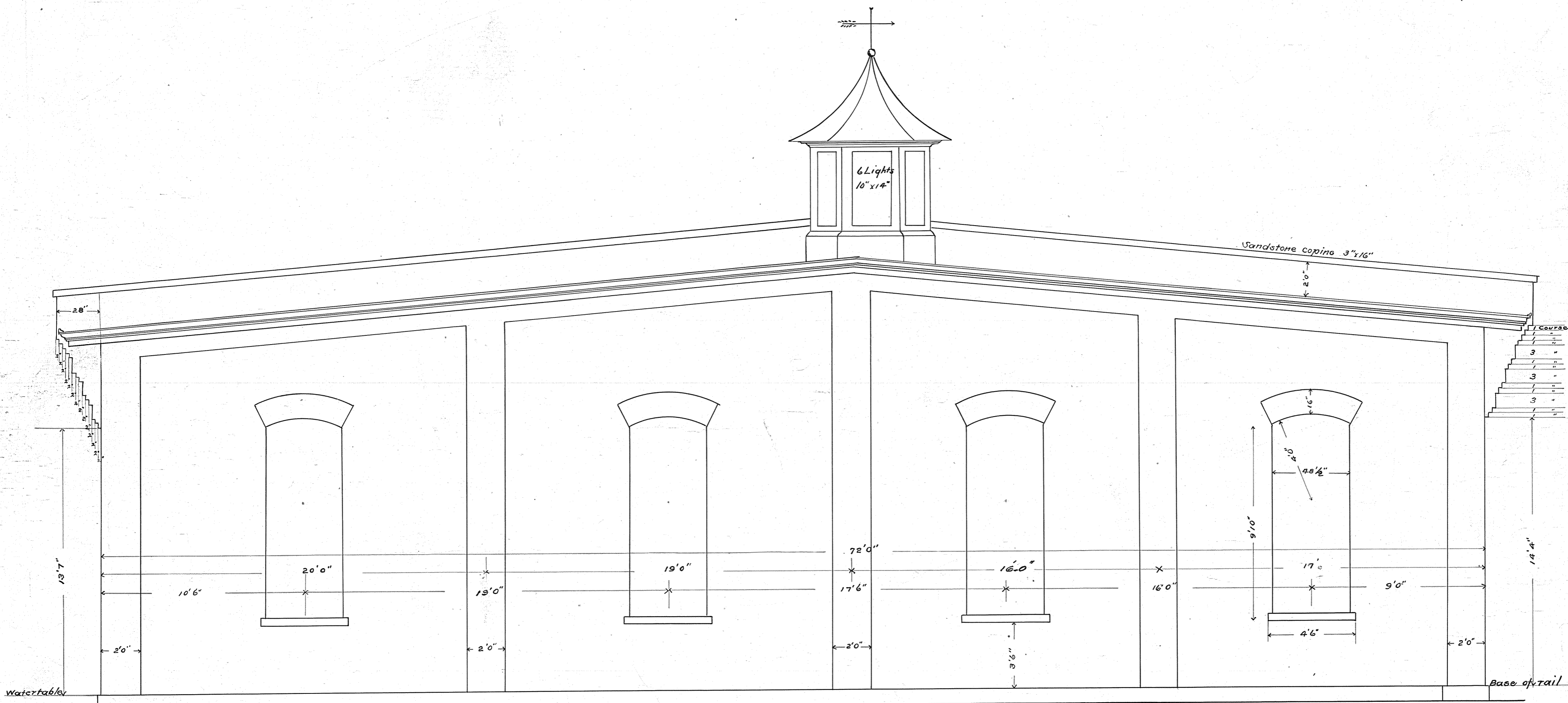
TWO HARBORS, MINN.

SCALE 1/4 in. = 1 ft.

Duluth, MINN., JULY, 1895.

Waukonagle
 Supt. B & B.

28-6



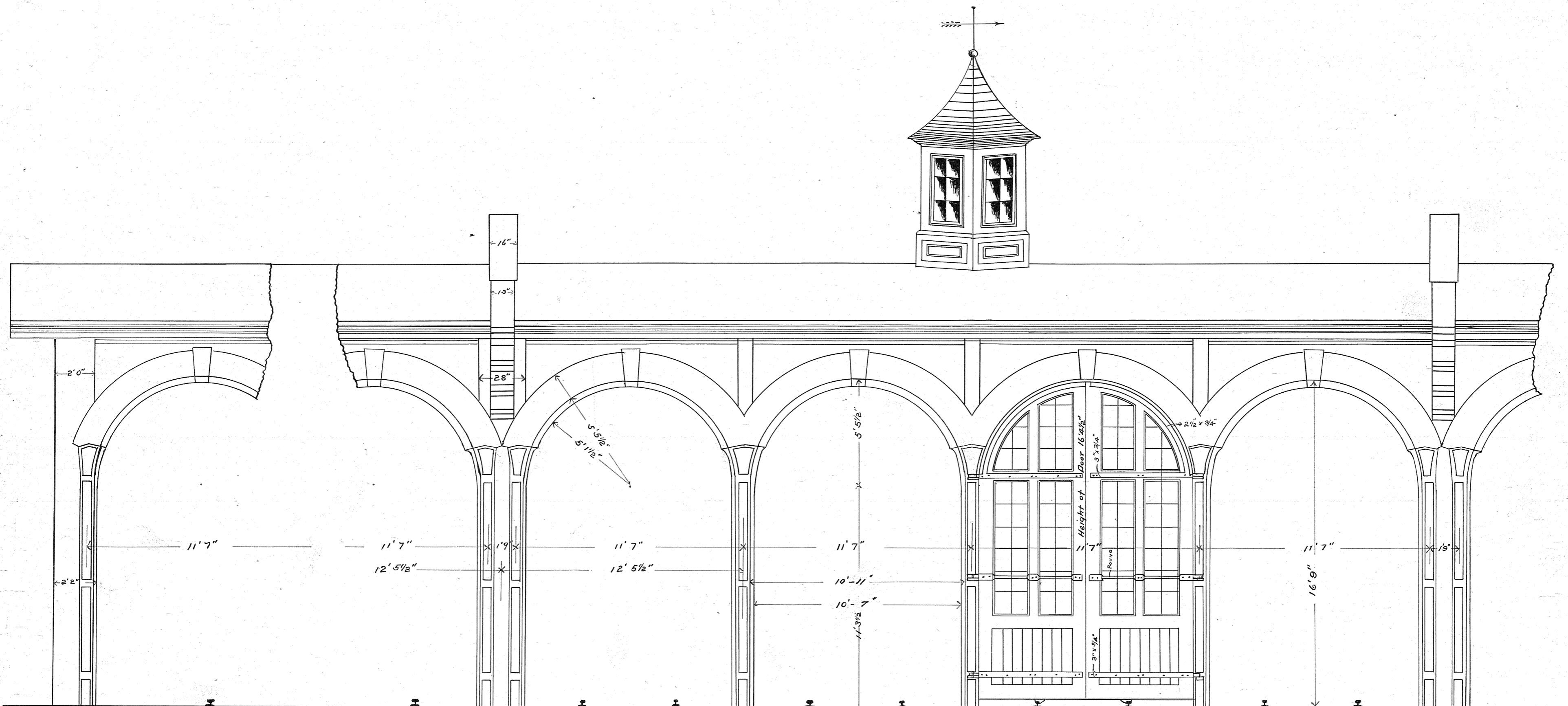
28-6

**END ELEVATION
D.&I.R.R.R. ROUNDHOUSE
TWO HARBORS, MINN.**

SCALE 1/4 in. = 1 ft.

Duluth, Minn, July, 1895.

WauGonagle
Sup^t. B&B (3)



ONE SMALL DOOR THROUGH LARGE DOOR
IN EACH SECTION.

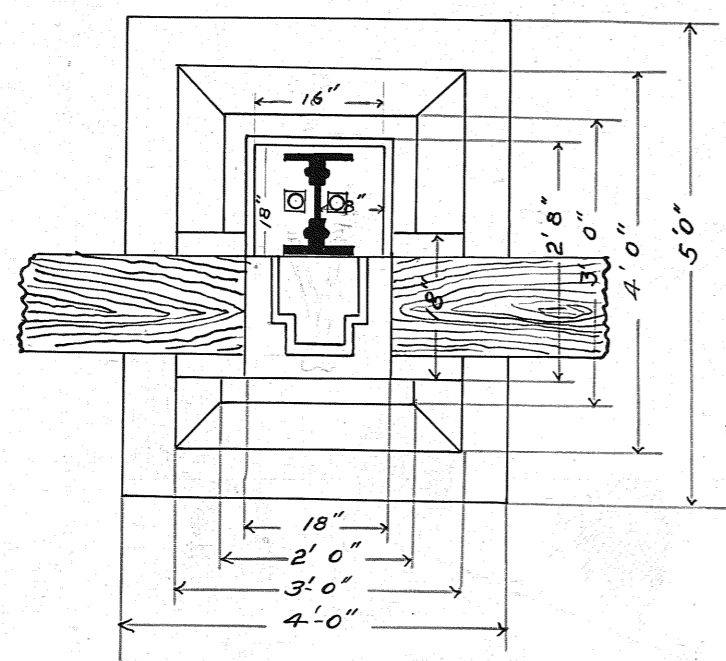
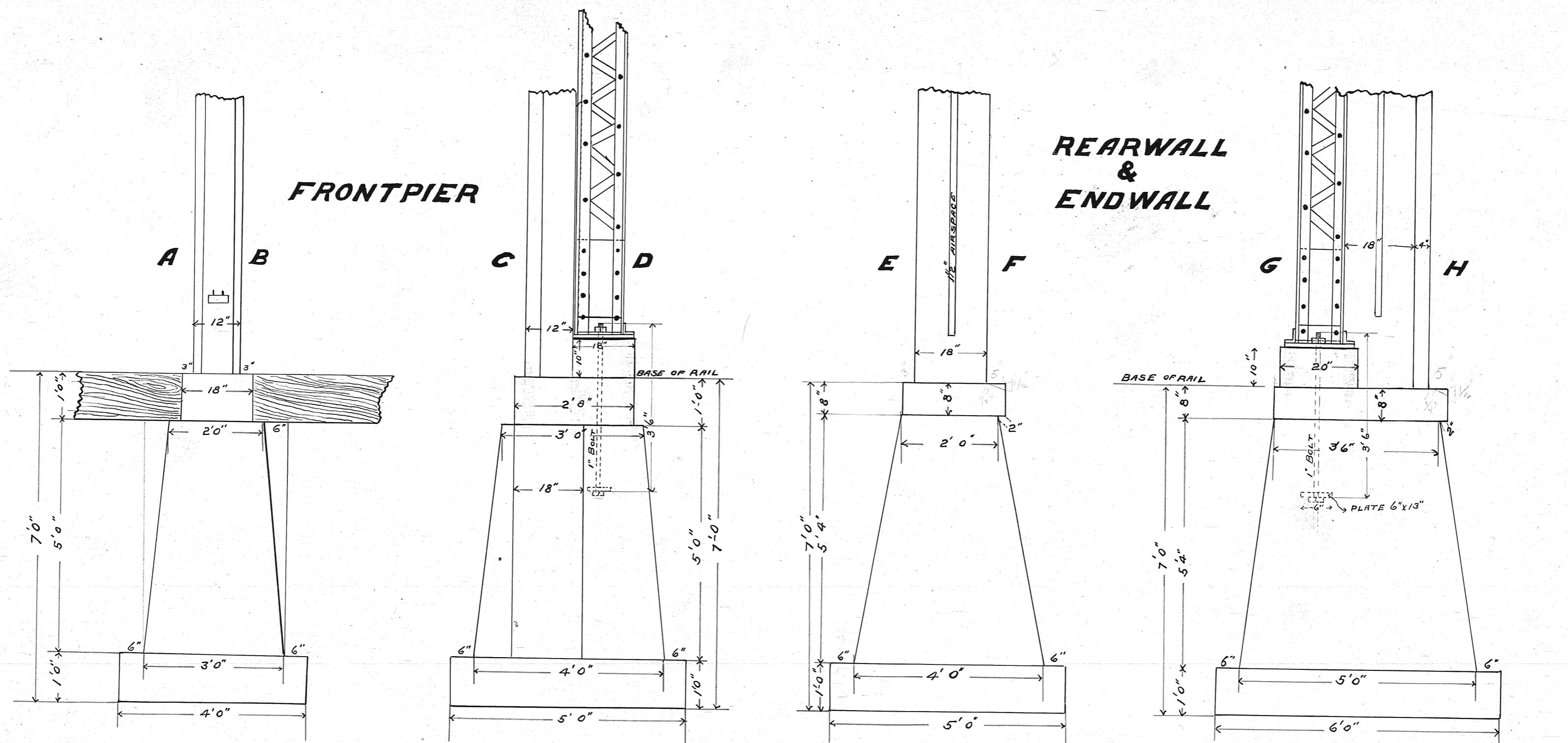
28-6

**FRONT ELEVATION
D.&I.R.R.R. ROUNDHOUSE
TWO HARBORS, MINN.**

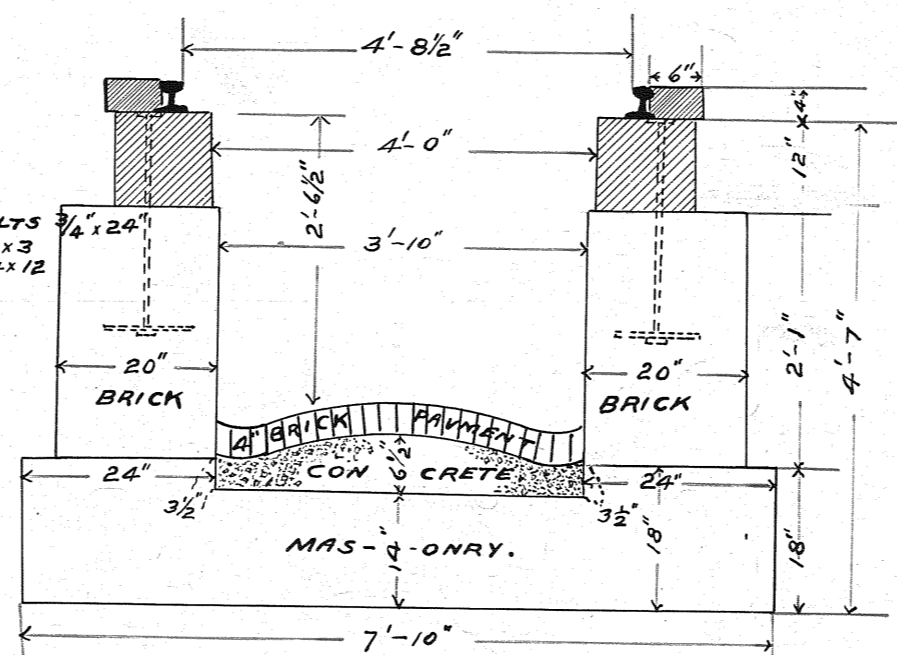
SCALE 1/4 in. = 1 ft.

Duluth, MINN, JULY, 1895.

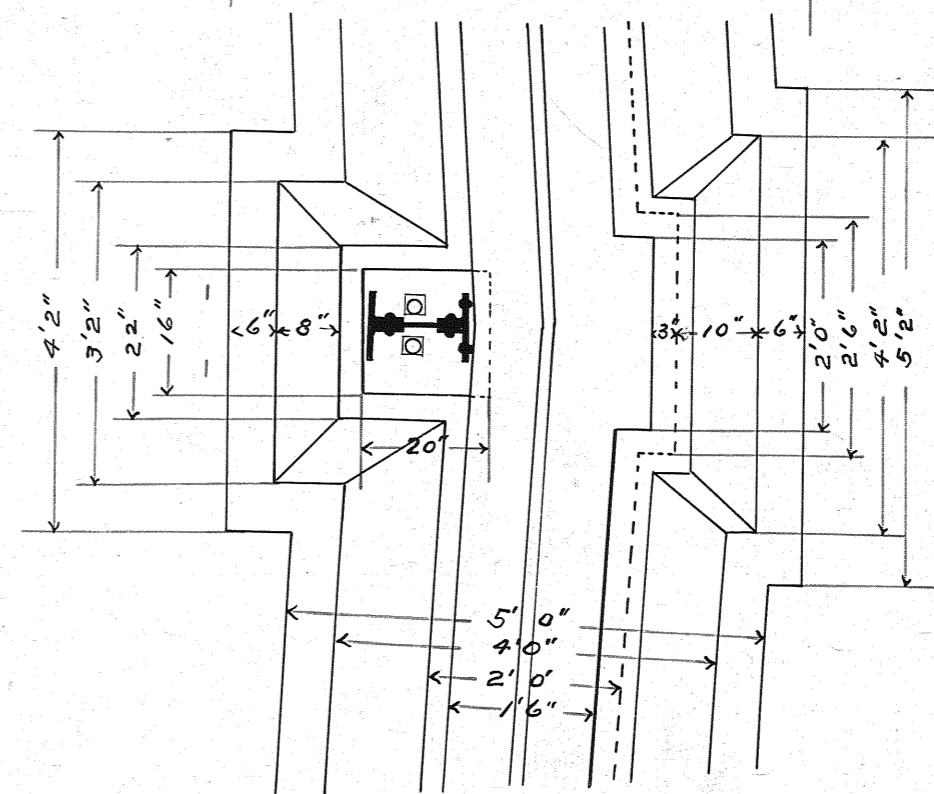
Wm. H. Bonagly
Supt. D. & I. R. R.



SECTION THROUGH PIT



BUILD IN LONGITUDINAL WALLS OF PIT
WOODSTRIPS 4" x 4" FOR FASTENING THE
HOOK PLATES FOR STEAMHEATING PIPES -
ALSO IN WALLS OF TRENCH FOR WASTE STEAM
PIPES EVERY 9 FEET.



DETAILS

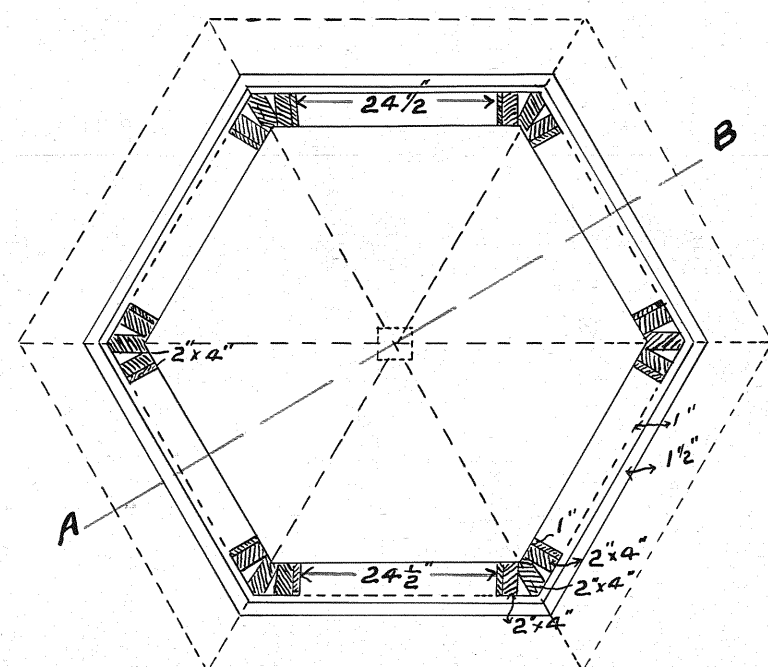
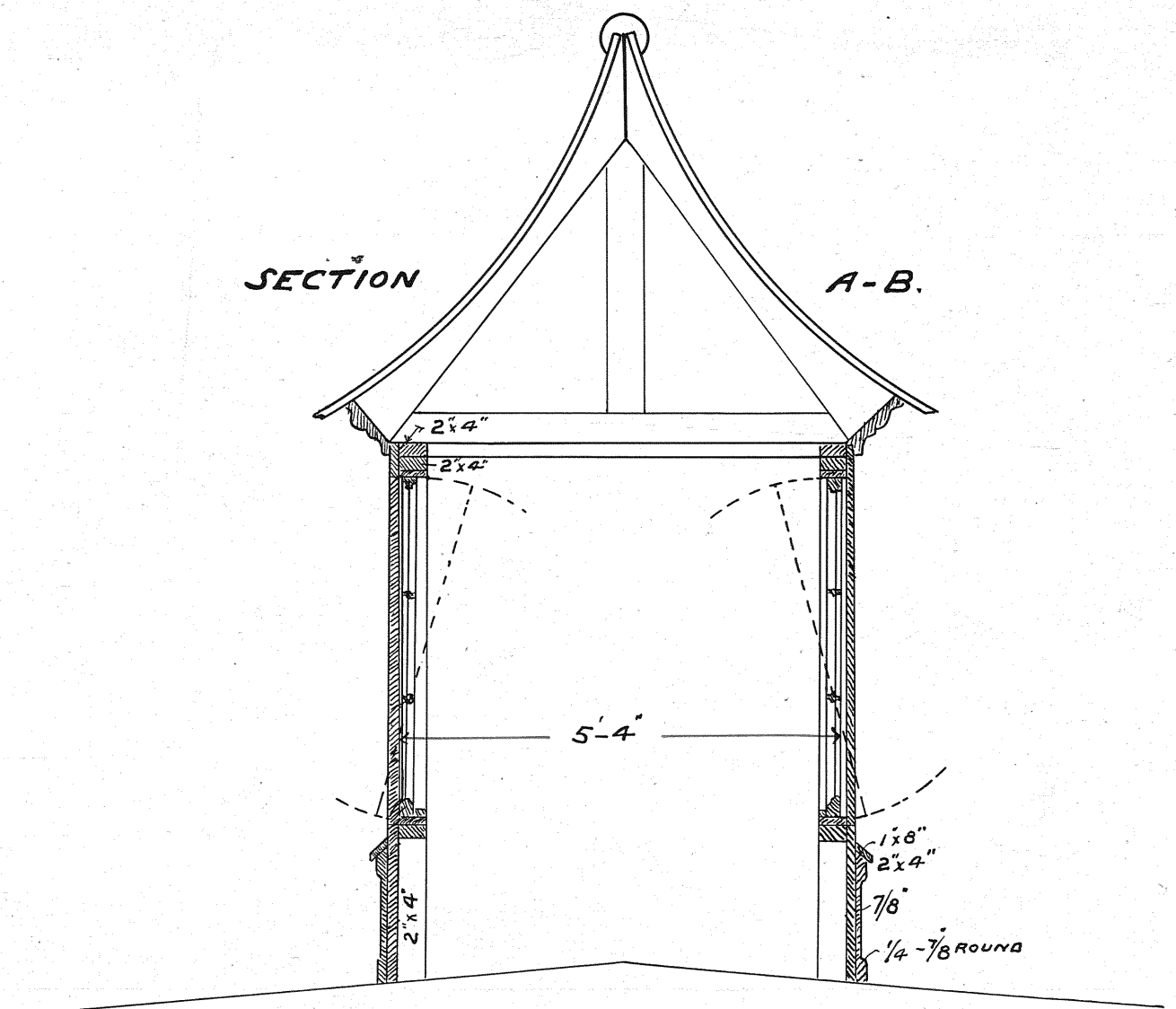
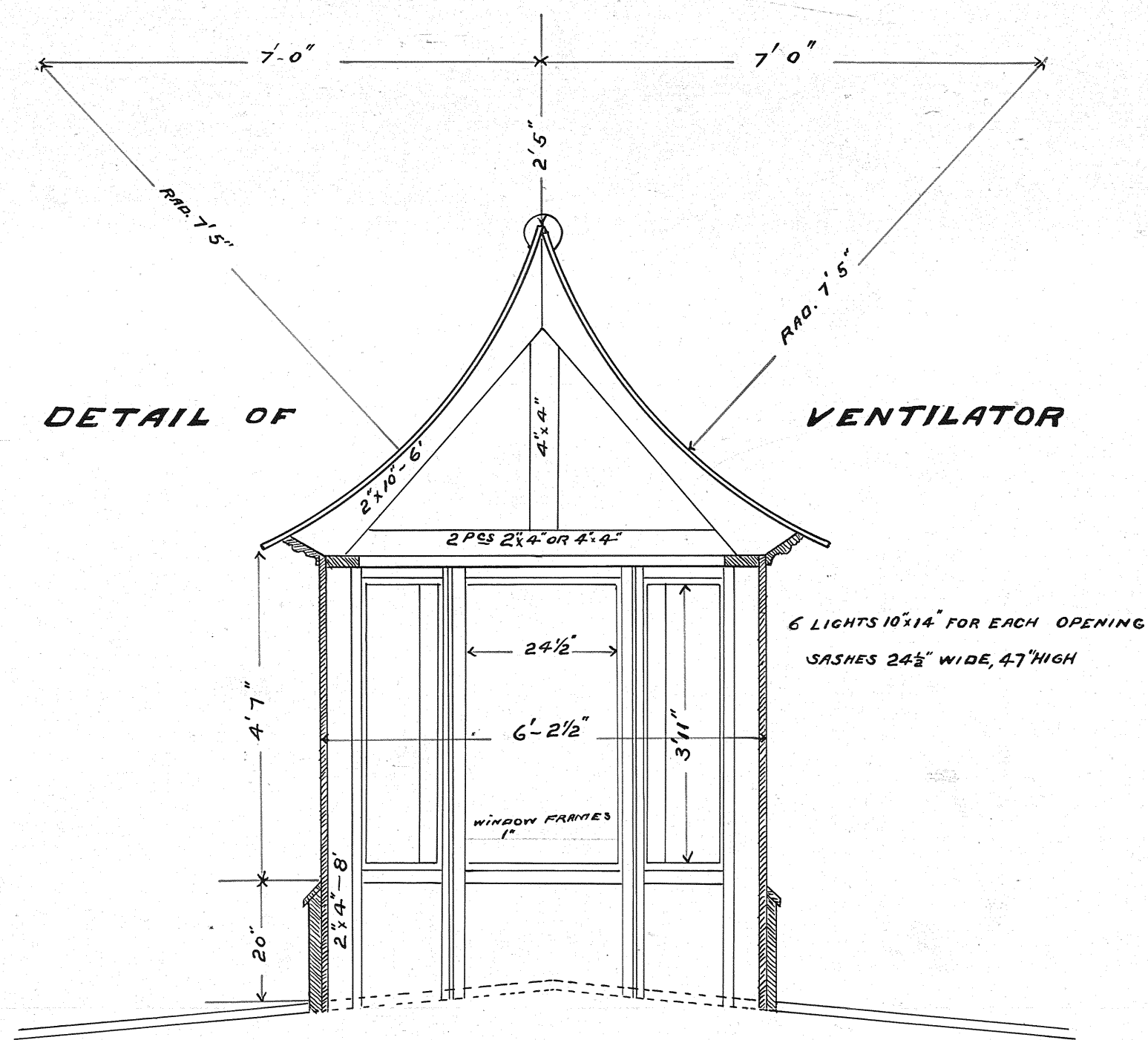
**D & I. R. R. ROUNDHOUSE
TWO HARBORS, MINN.**

SCALE 1/2 in. = 1 ft.

Duluth, MINN. JULY, 1895.

W. A. Conroy
Supt. B & D.

28-6

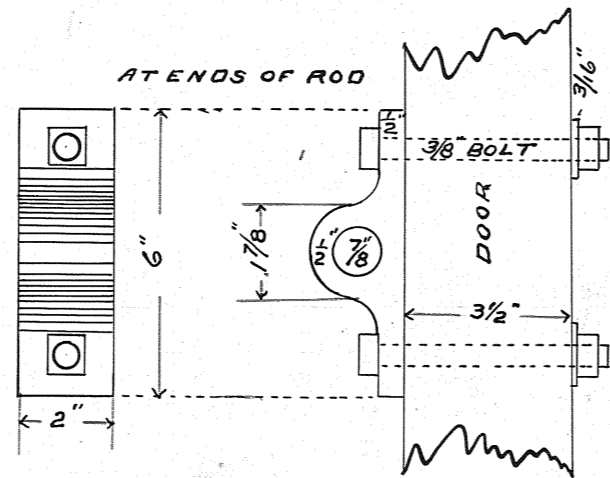
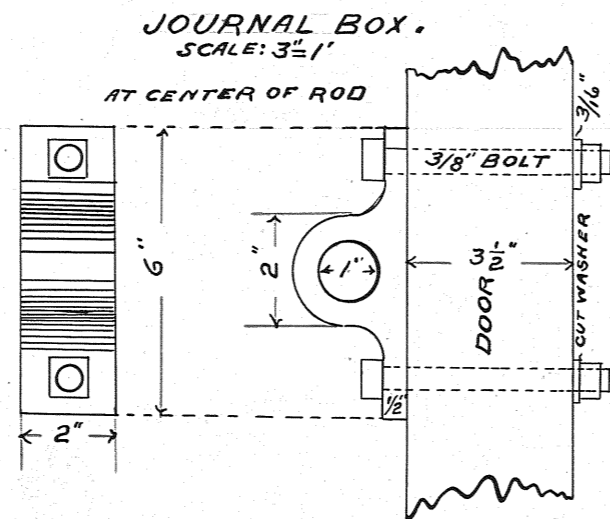
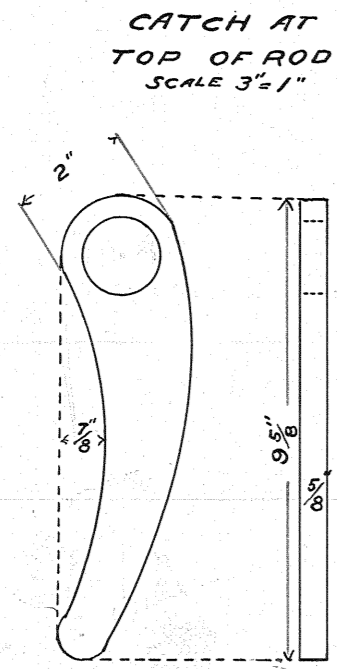
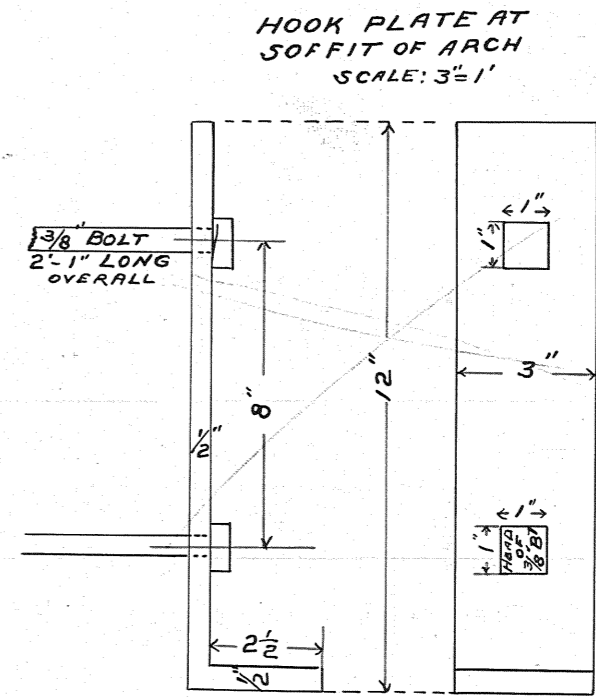
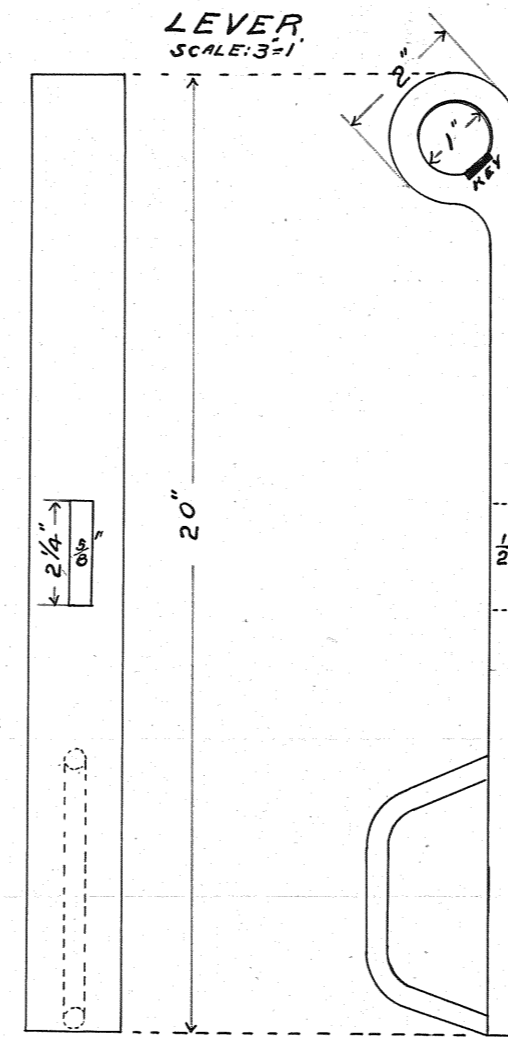
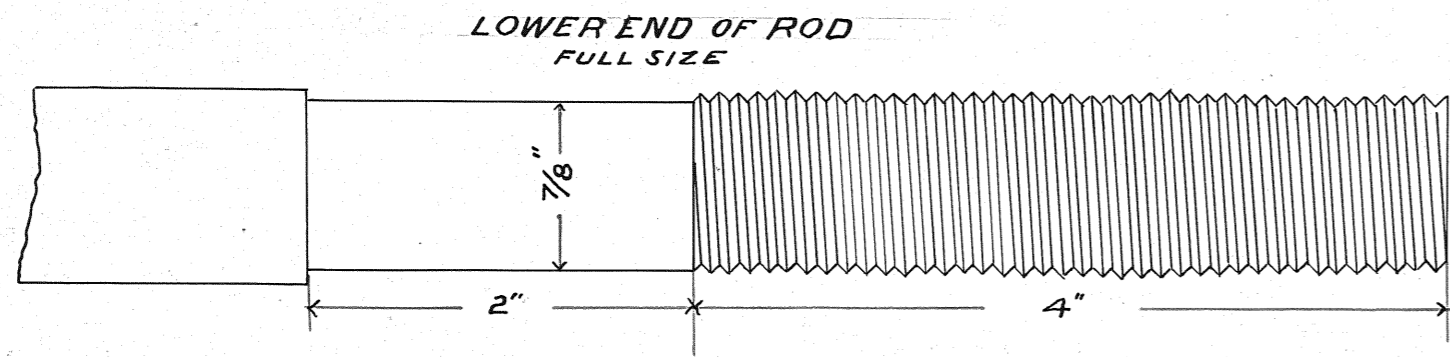
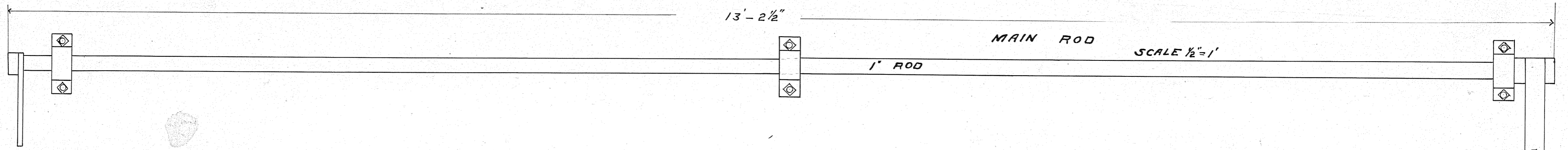


28-6

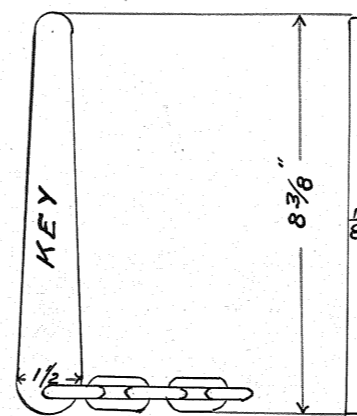
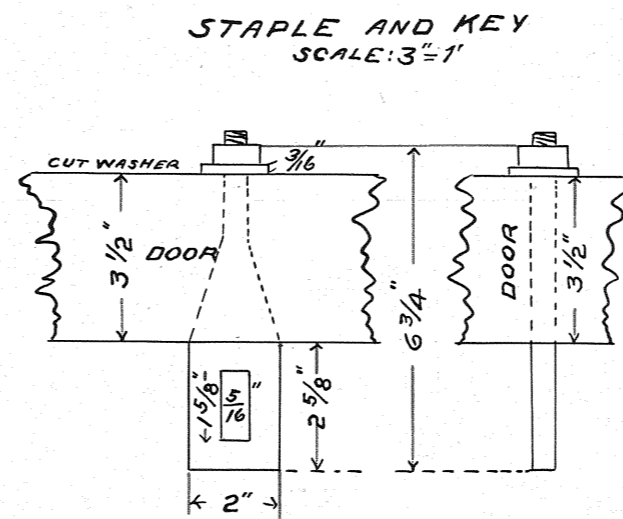
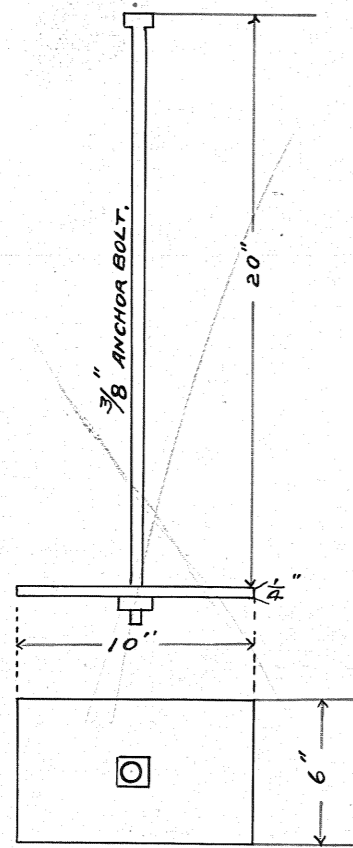
DETAILS
D.&I.R.R.R. ROUNDHOUSE
TWO HARBORS, MINN.

SCALE 1/2 in. = 1 ft. Duluth, MINN. JULY, 1895.

WauGonagle
Supt. B & B.



ANCHOR BOLT & PLATE
FOR HOOK IN ARCH
SCALE: 1 1/2"=1'



DETAILS

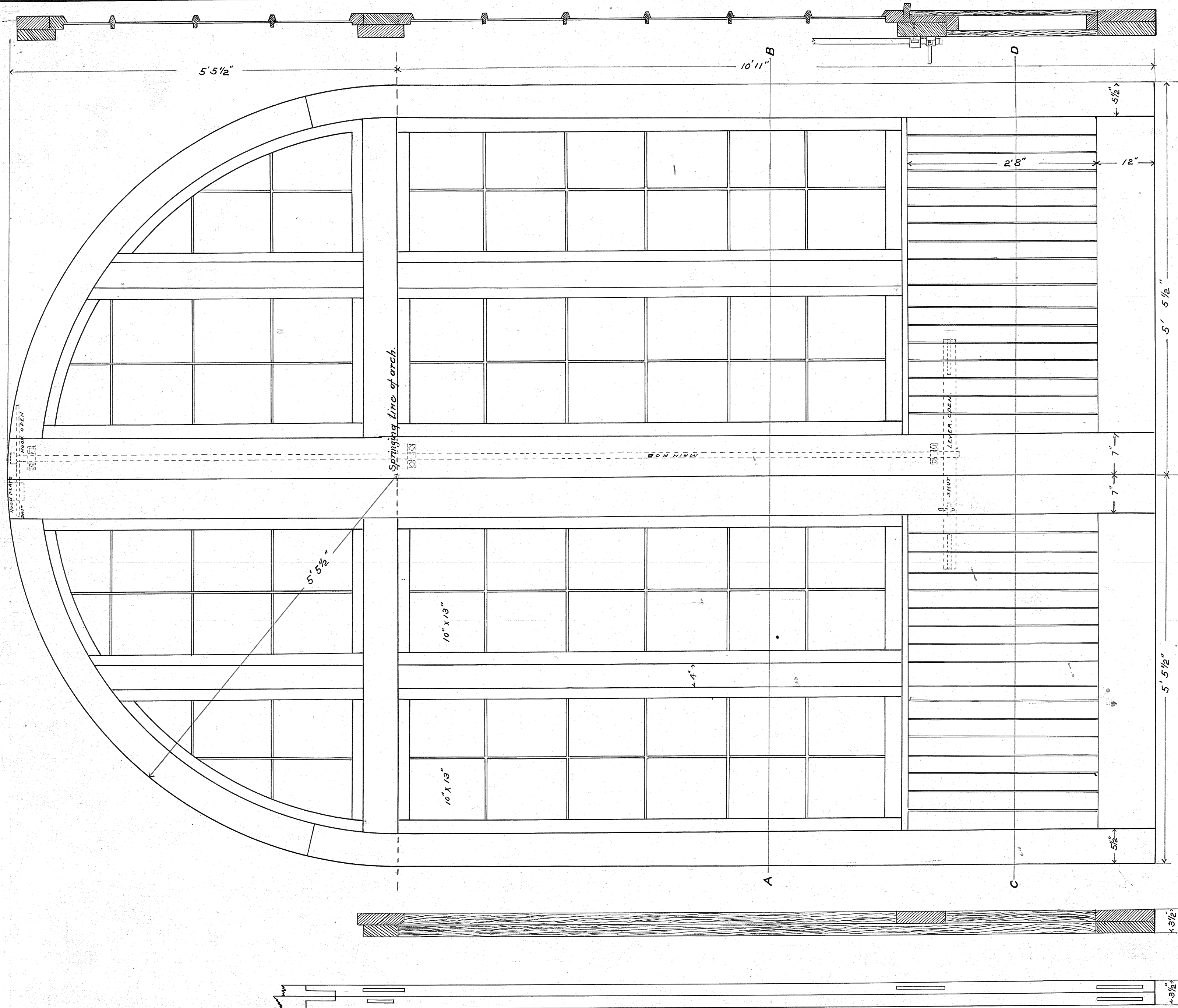
D.&I.R.R.R. ROUNDHOUSE

TWO HARBORS, MINN.

SCALE 3 in. = 1ft.

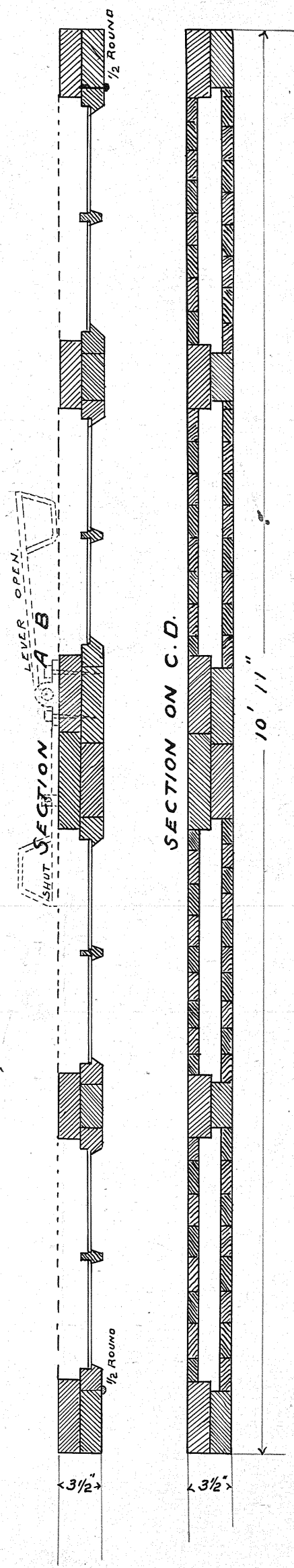
Duluth, MINN. JULY, 1895.

W. A. G. G. G.
Supt. B. & B.



DETAIL ROUNDHOUSE DOOR

Front and back frames fastened together with two inch screws countersunk and plugged.



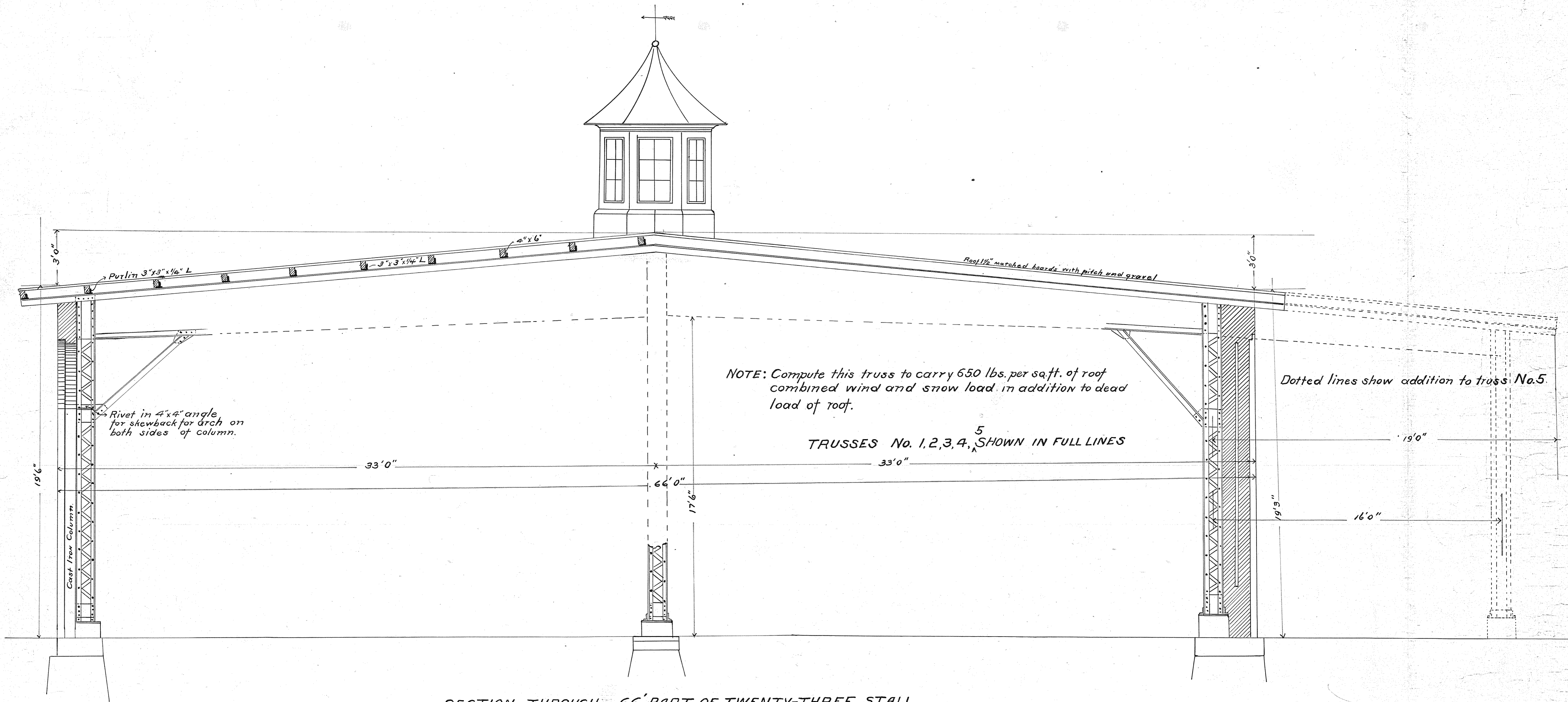
DETAILS

**D.&I.R.R.R. ROUNDHOUSE
TWO HARBORS, MINN.**

SCALE 1 in. = 1ft.

Duluth, MINN. JULY, 1895.

ROUNDHOUSE DOORS & WINDOWS



NOTE: Compute this truss to carry 650 lbs. per sq.ft. of roof combined wind and snow load in addition to dead load of roof.

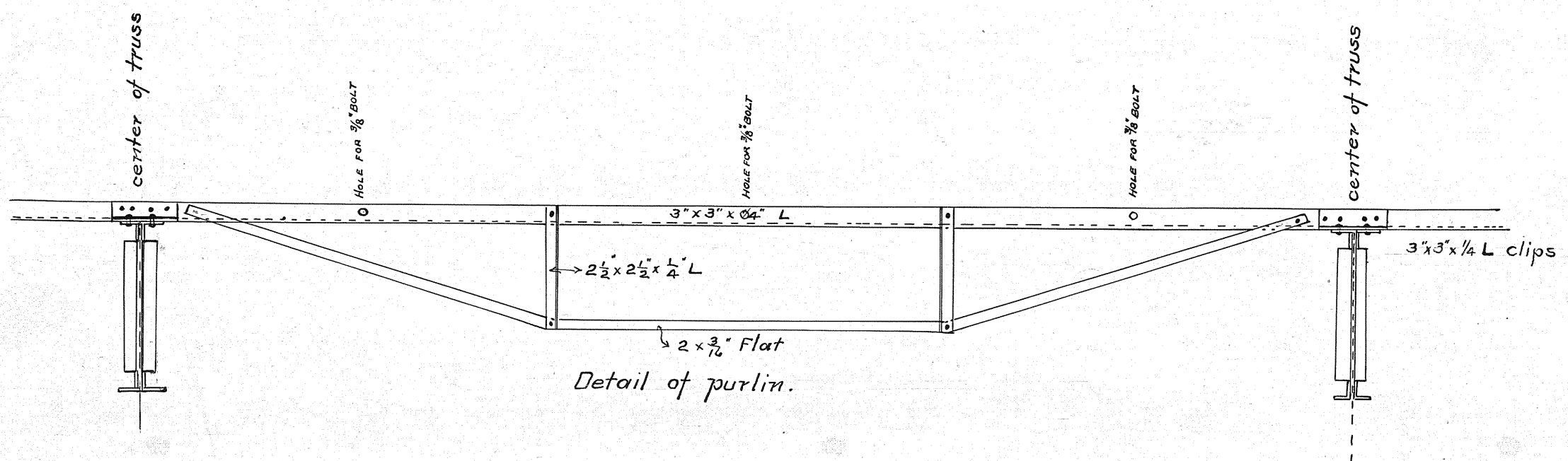
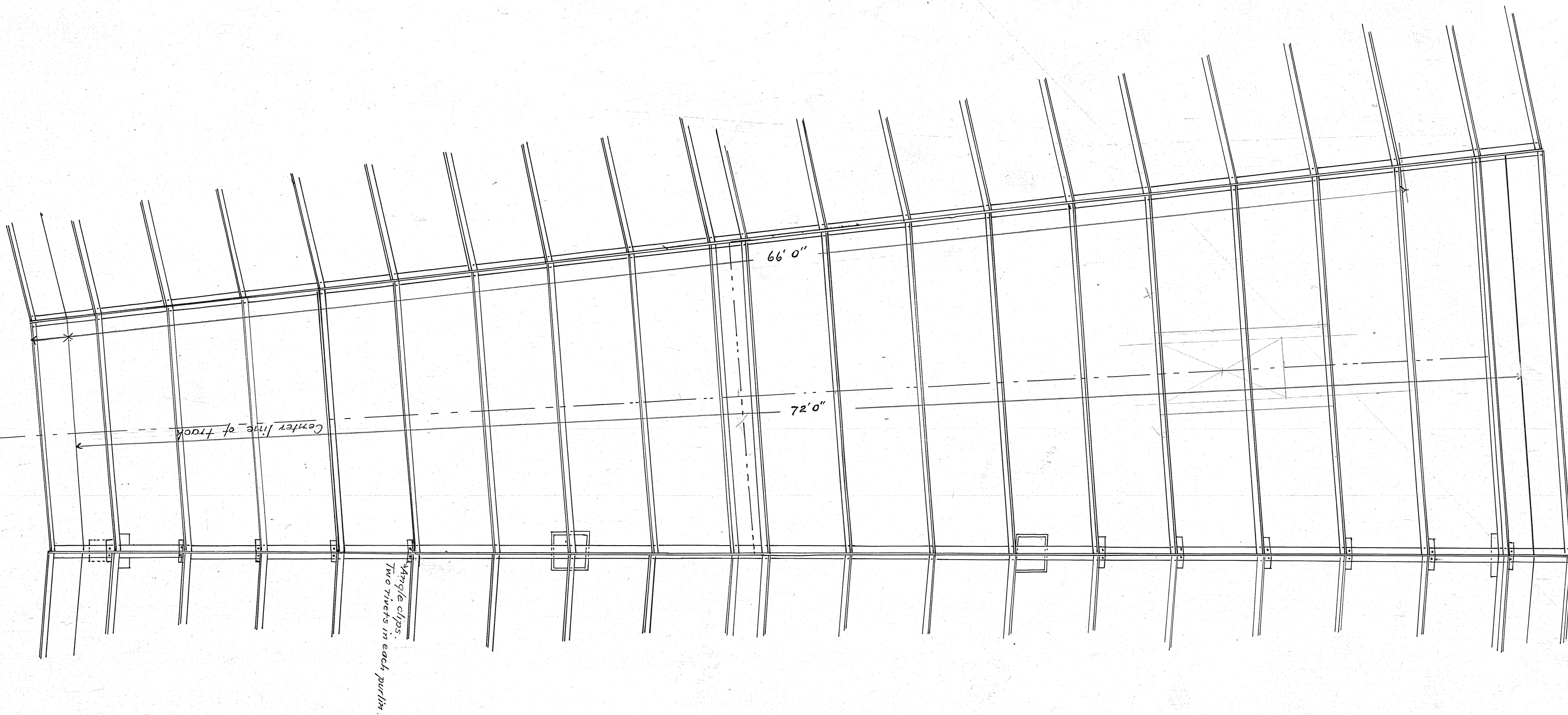
TRUSSES No. 1, 2, 3, 4, ⁵ SHOWN IN FULL LINES

Dotted lines show addition to truss No. 5.

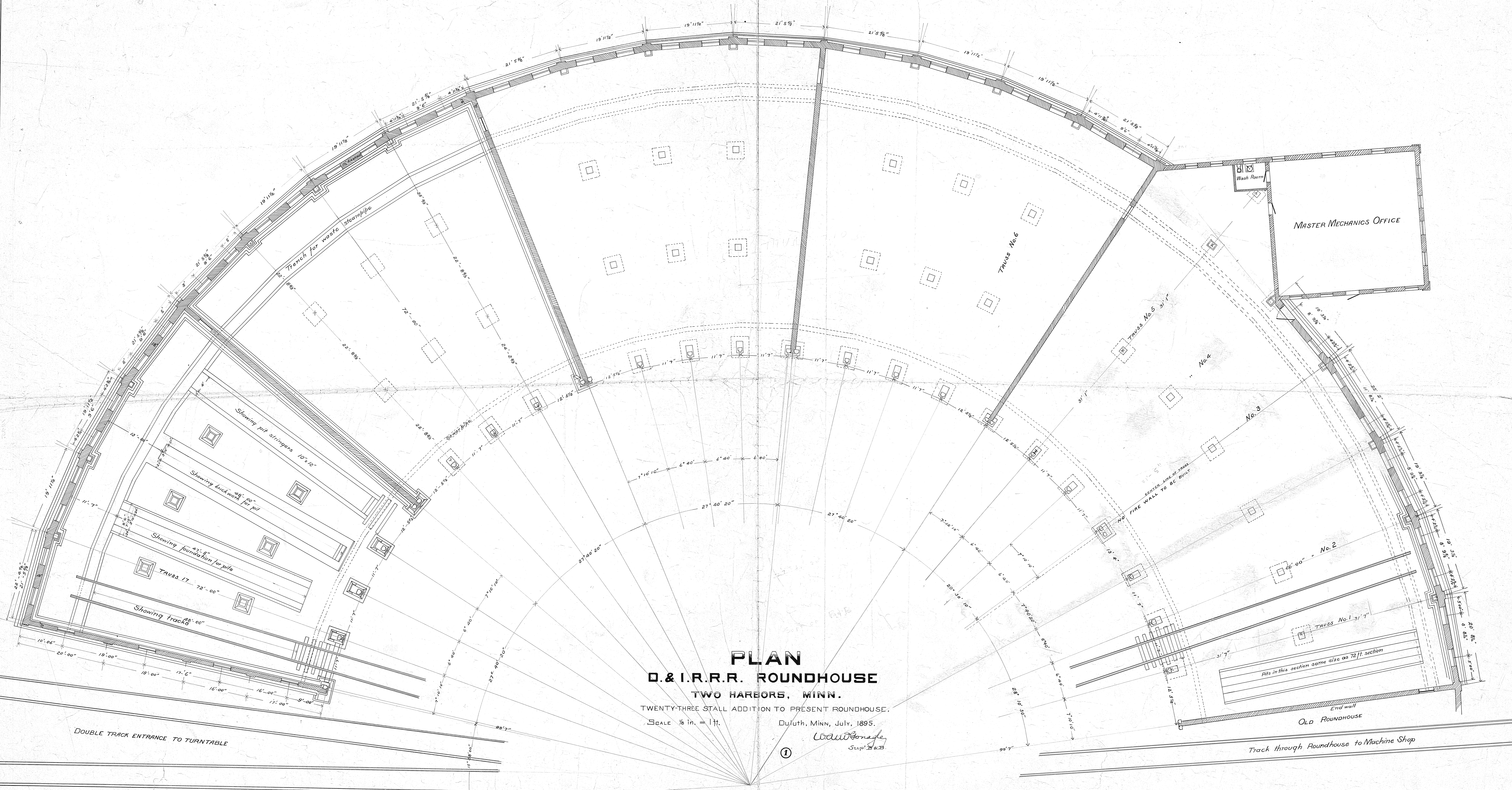
SECTION THROUGH 66' PART OF TWENTY-THREE STALL ADDITION TO ROUNDHOUSE AT TWO HARBORS SHOWING LOCATION OF SUPPORTING COLUMNS FOR ROOF.

Scale, 1/4" in. = 1 ft.

Duluth, Minn., July, 1895.



DETAIL PLAN
 OF ROOF OVER ONE STALL FOR
D. & I. R. R. ROUNDHOUSE
 AT
TWO HARBORS.
 Scale 1/4" = 1'
 July, 1895.



PLAN
D. & I. R. R. ROUNDHOUSE
 TWO HARBORS, MINN.

TWENTY-THREE STALL ADDITION TO PRESENT ROUNDHOUSE.
 SCALE 1/8 in. = 1 ft.

Duluth, Minn., July, 1895.

W. A. G. S.
 5230 1/2 8 23

①

DOUBLE TRACK ENTRANCE TO TURNTABLE

Track through Roundhouse to Machine Shop

OLD ROUNDHOUSE

MASTER MECHANICS OFFICE

Pits in this section same size as 72 ft section

CENTER LINE OF TRUSS
 NO FIRE WALL TO BE BUILT

Showing pit stringers 10' x 12"

Showing brick work 20" for pit

Showing foundation for pits

Showing tracks 8 1/2" x 10"

Trench for waste stam pipe

TRUSS No. 6

TRUSS No. 5 3 1/2'

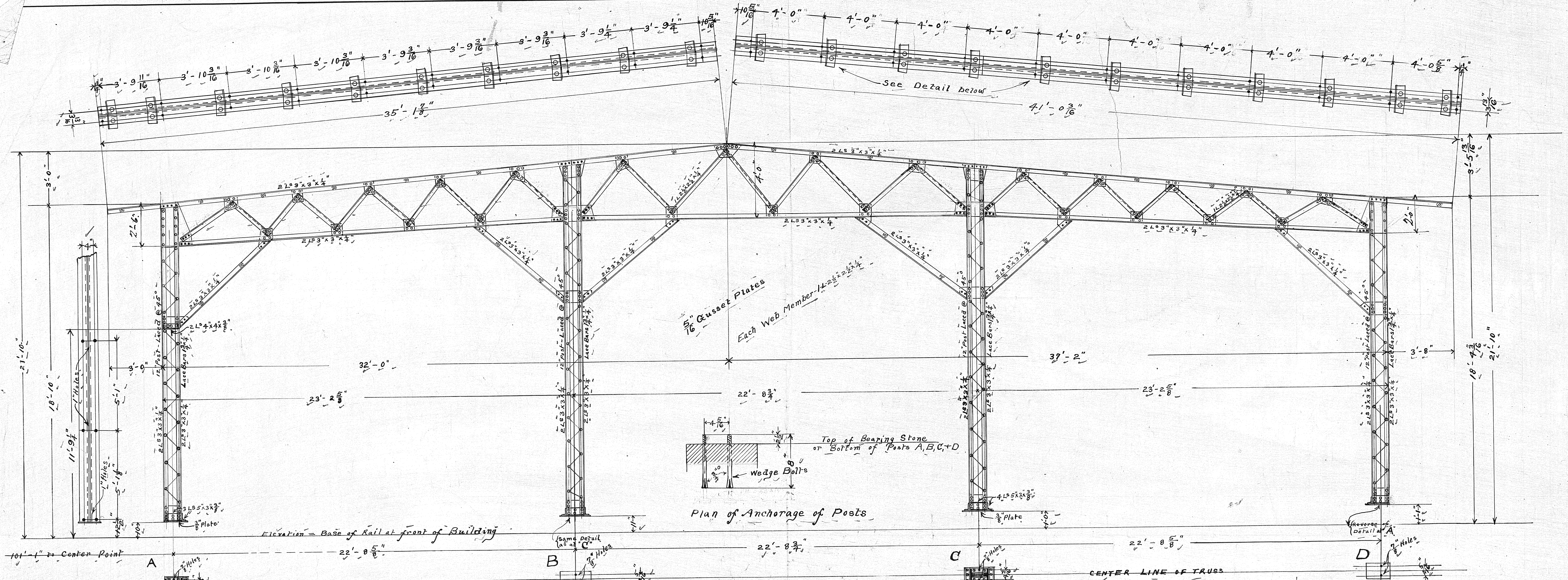
TRUSS No. 1 3 1/2'

No. 2

No. 3

No. 4

Wash Room



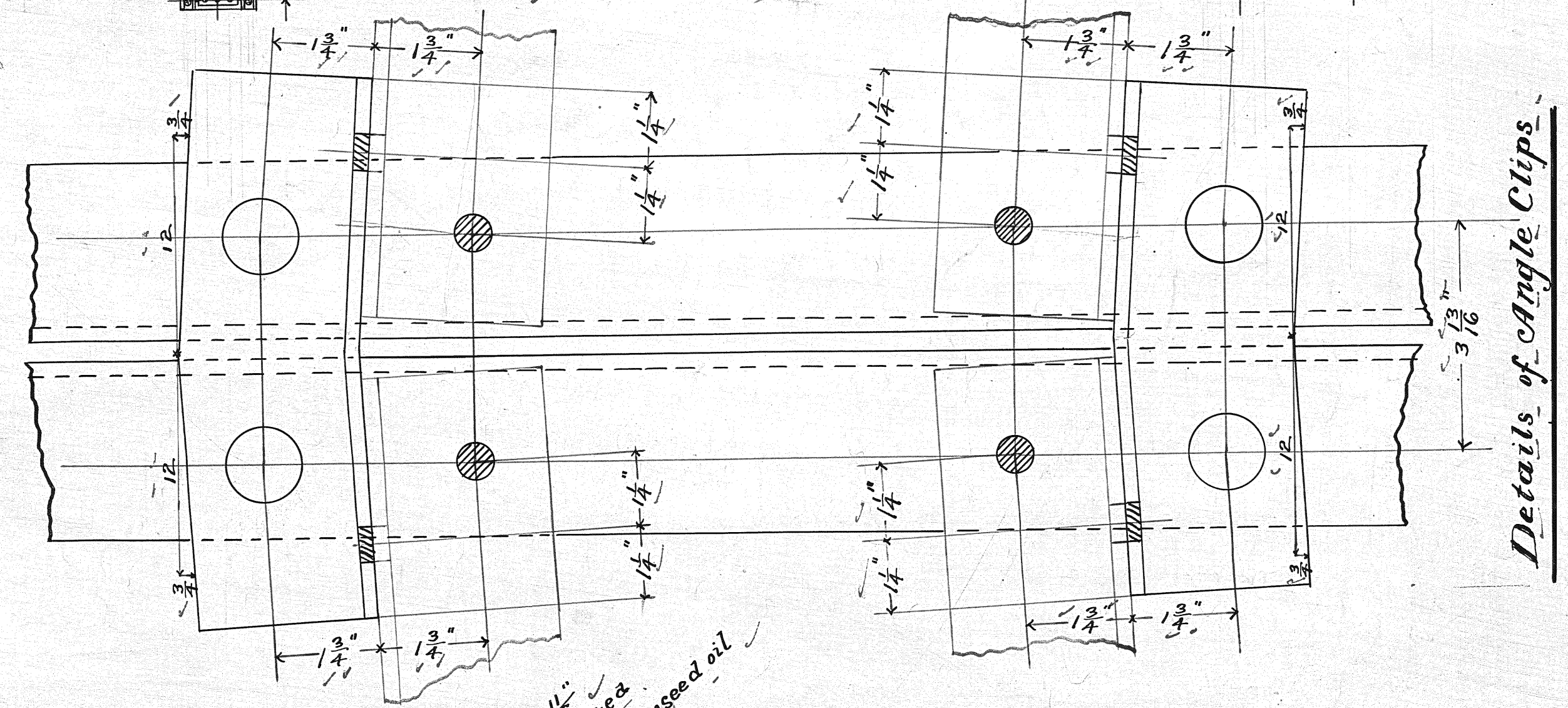
Make 12 Bents thus Mark #6 to #17 inclusive

Shop Bill of Material - Drawing #381 - Order #790 - Sheet #1

Description	No.	Shape	Size	Length	Ordered From	Key	
12 Posts "A"	48	LS	3x3x3/4	17'-9"	18'-0"	C.S.Co. 344	
	12	Pls.	18x16	2'-6"	Stock		
	12	"	7 1/2 x 10	1'-6"	"		
	12	"	10 x 10	1'-4"	"		
	255	Lineal Ft.	1 1/2 x 3/4	0'-11"	"		
	24	LS	5x3x3/8	0'-7 1/2"	"		
	12	"	3x3x3/4	7'-0"	6-29'-0"	C.S.Co. 344	
	675	Rivets					
	12 Posts "B"	48	LS	3x3x3/4	19'-9"	19'-9"	C.S.Co. 344
		12	Pls.	12x16	1'-6"	Stock	
		12	"	8x10	2'-3 1/2"	"	
		12	"	7 1/2 x 10	1'-8"	"	
12		"	10 x 10	1'-0"	"		
12		"	10 x 10	1'-8"	"		
300		Lineal Ft.	1 1/2 x 3/4	0'-11"	"		
24		LS	5x3x3/8	0'-7 1/2"	"		
48		LS	3x3x3/4	7'-0"	12-29'-0"	C.S.Co. 344	
750		Rivets					
12 Posts "C"		48	LS	3x3x3/4	19'-3"	19'-3"	C.S.Co. 344
		12	Pls.	12x16	1'-6"	Stock	
	12	"	8x10	2'-3 1/2"	"		
	12	"	7 1/2 x 10	1'-8"	"		
	12	"	10 x 10	1'-0"	"		
	12	"	10 x 10	1'-8"	"		
	300	Lineal Ft.	1 1/2 x 3/4	0'-11"	"		
	24	LS	5x3x3/8	0'-7 1/2"	"		
	48	LS	3x3x3/4	7'-0"	12-29'-0"	C.S.Co. 344	
	800	Rivets					
	12 Posts "D"	48	LS	3x3x3/4	17'-0"	17'-0"	C.S.Co. 344
		12	Pls.	19x16	2'-0"	Stock	
12		"	7 1/2 x 10	1'-6"	"		
12		"	10 x 10	1'-0"	"		
12		"	10 x 10	1'-4"	"		
255		Lineal Ft.	1 1/2 x 3/4	0'-11"	"		
24		LS	5x3x3/8	0'-7 1/2"	"		
12		"	3x3x3/4	7'-0"	6-29'-0"	C.S.Co. 344	
600		Rivets					

Shop Bill of Material - cont'd - Drawing #381 - Order #790 - Sheet #1

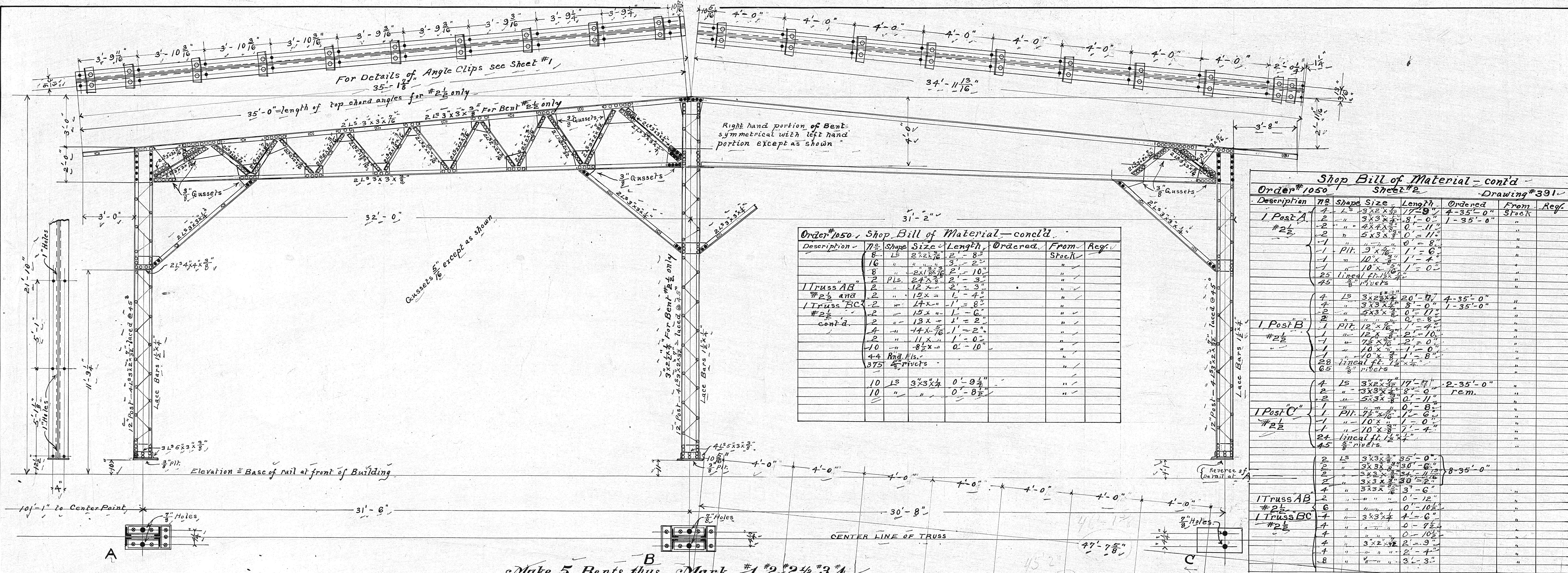
Description	No.	Shape	Size	Length	Ordered From	Key
12 Trusses "AB"	24	LS	3x3x3/4	26'-4"	26'-6"	C.S.Co. 344
	24	"	"	21'-8"	21'-8"	"
	120	Pls.	2 1/2 x 2 1/2 x 3/4	4'-0" about	14-30'-0"	"
12 Trusses "BC"	24	LS	3x3x3/4	27'-0"	27'-0"	C.S.Co. 344
	24	"	"	21'-8"	21'-8"	"
	120	Pls.	2 1/2 x 2 1/2 x 3/4	4'-0" about	12-30'-0"	"
12 Trusses "CD"	24	LS	3x3x3/4	27'-0"	27'-0"	C.S.Co. 344
	24	"	"	21'-8"	21'-8"	"
	120	Pls.	2 1/2 x 2 1/2 x 3/4	4'-0" about	14-30'-0"	"
12 Bents (Top chord)	132	LS	3x3x3/4	0'-9 1/2"	Stock	
	120	"	"	0'-8 1/2"	"	



DETAILS OF 12 BENTS NOS 6 TO 17 FOR ROUNDHOUSE
AT
TWO HARBORS, MINN. FOR D.&I.R.R.
THE GILLETTE-HERZOG MFG. CO. MPLS., MINN.
Paul Herzog
CHIEF ENGINEER
ORDER #790 SHEET #1
1895
Scale 3/16" = 1'-0"
DRAWING #381

NOTE:- Bills of Material on this sheet are only approximate. Template maker will bear liberty to change sizes given whenever he finds it necessary to do so.

DR BY } F.W.H. CH.BY
TR . }
E. J. ...
Nov. 2nd 1895



Order #1050 Shop Bill of Material - conclud

Description	Qty	Shape	Size	Length	Ordered	From	Ref.
1 Truss AB #2 1/2 and	2	PLS	24 X 3/8	2'-3"			
1 Truss BC #2 1/2	2	"	12 X "	2'-3"			
cont'd							
	2	"	15 X "	1'-6"			
	2	"	13 X "	1'-2"			
	4	"	14 X 1/2	1'-2"			
	2	"	11 X "	1'-0"			
	10	"	8 X "	0'-10"			
	44	Ang	Fls.				
	375	Rivets					
	10	LS	3 X 3 X 3/8	0'-9 1/2"			
	10	"	"	0'-8 1/2"			

Shop Bill of Material - conclud - Drawing #391

Description	Qty	Shape	Size	Length	Ordered	From	Ref.
1 Post A #2 1/2	2	"	4 X 4 X 3/8	0'-11"	1-35'-0"	Stock	
	2	"	5 X 3 X 3/8	0'-11"	1-35'-0"		
	1	PLT	9 X 7/8	0'-8"			
	1	"	10 X 7/8	1'-6"			
	25	Lineal ft.	1 1/2 X 1/4	1'-0"			
	45	Rivets					
1 Post B #2 1/2	4	LS	3 X 3 X 3/8	20'-0"	4-35'-0"		
	2	"	3 X 3 X 3/8	8'-0"	1-35'-0"		
	2	"	5 X 3 X 3/8	0'-11"			
	1	PLT	12 X 7/8	1'-6"			
	1	"	12 X 7/8	2'-10"			
	1	"	10 X 7/8	2'-0"			
	1	"	10 X 7/8	1'-0"			
	1	"	10 X 7/8	1'-0"			
	25	Lineal ft.	1 1/2 X 1/4				
	65	Rivets					
1 Post C #2 1/2	4	LS	3 X 3 X 3/8	35'-0"	2-35'-0"		
	2	"	3 X 3 X 3/8	30'-0"	rem.		
	2	"	5 X 3 X 3/8	0'-11"			
	1	"	"	0'-8"			
	1	PLT	7 1/2 X 7/8	1'-6"			
	1	"	10 X 7/8	2'-0"			
	1	"	10 X 7/8	1'-4"			
	25	Lineal ft.	1 1/2 X 1/4				
	45	Rivets					
1 Truss AB #2 1/2	2	"	"	0'-12"			
1 Truss BC #2 1/2	6	"	"	0'-10 1/2"			
	4	"	"	4'-6"			
	4	"	"	0'-12"			
	4	"	"	0'-10 1/2"			
	4	"	"	0'-10 1/2"			
	4	"	"	2'-9"			
	4	"	"	2'-4"			
	8	"	"	3'-3"			

Shop Bill of Material - Sheet #2 - Drawing #391

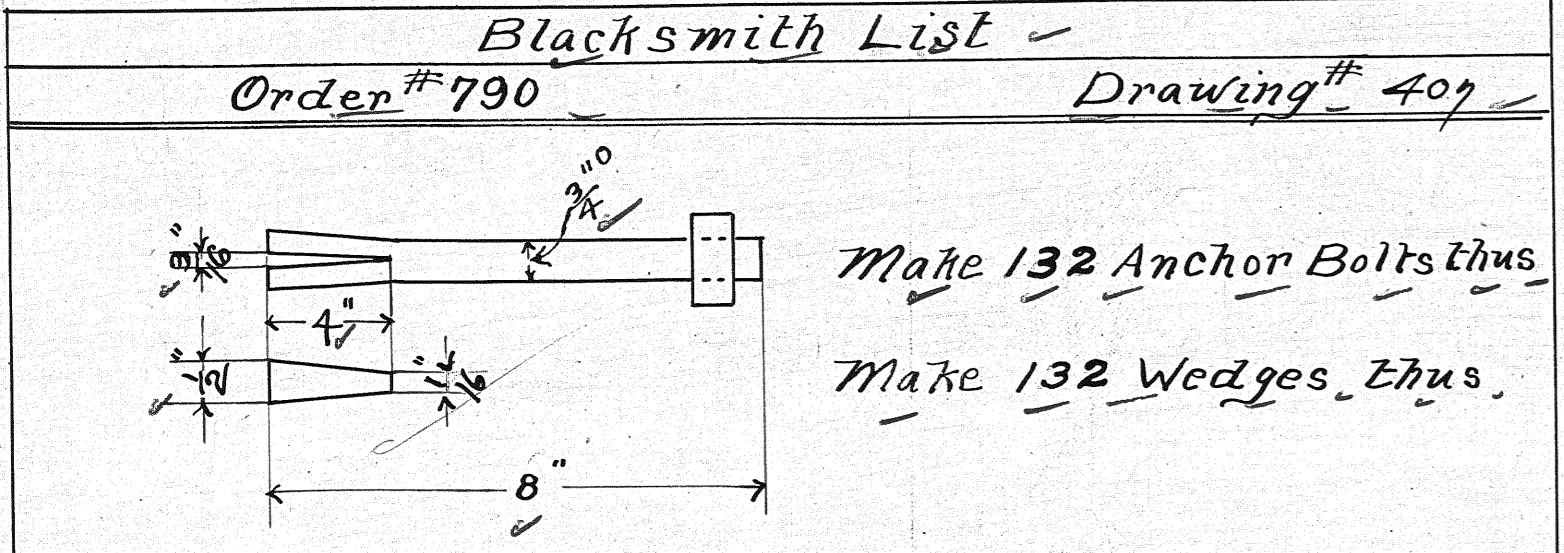
Description	Qty	Shape	Size	Length	Ordered	From	Ref.
5 Posts A #2 1/2	10	LS	3 X 3 X 3/8	17'-9"	18'-0"	C.S.Co. 344	
	10	"	3 X 3 X 3/8	8'-0"	4-28'-0"	Stock	
	10	"	4 X 4 X 3/8	0'-11"			
	5	"	5 X 3 X 3/8	0'-11"			
	5	PLT	9 X 7/8	0'-8"			
	5	"	10 X 7/8	1'-6"			
	5	"	10 X 7/8	1'-0"			
	115	Lineal ft.	1 1/2 X 1/4				
	230	Rivets					
4 Posts B #2 1/2	4	LS	3 X 3 X 3/8	20'-6"	20'-6"	C.S.Co. 344	
	4	"	3 X 3 X 3/8	8'-0"	rem.		
	4	"	5 X 3 X 3/8	0'-11"		Stock	
	4	"	"	0'-8"			
	4	PLT	12 X 7/8	1'-4"			
	4	"	12 X 7/8	2'-10"			
	4	"	10 X 7/8	2'-0"			
	4	"	10 X 7/8	1'-0"			
	4	"	10 X 7/8	1'-0"			
	110	Lineal ft.	1 1/2 X 1/4				
	250	Rivets					
4 Posts C #2 1/2	4	LS	3 X 3 X 3/8	17'-6"	17'-6"	C.S.Co. 344	
	4	"	3 X 3 X 3/8	8'-0"	rem.		
	4	"	5 X 3 X 3/8	0'-11"	1-28'-0"	Stock	
	4	"	"	0'-8"	1-17'-0"		
	4	PLT	7 1/2 X 7/8	1'-6"	1-35'-0"		
	4	"	10 X 7/8	1'-0"			
	4	"	10 X 7/8	1'-0"			
	95	Lineal ft.	1 1/2 X 1/4				
	175	Rivets					
1 Post #2 1/2	4	LS	3 X 3 X 3/8	20'-6"	20'-6"	C.S.Co. 344	
	4	"	3 X 3 X 3/8	8'-0"	1-35'-0"	Stock	
	2	"	5 X 3 X 3/8	0'-11"			
	2	"	"	0'-8"			
	1	PLT	12 X 7/8	1'-4"			
	1	"	12 X 7/8	2'-10"			
	25	Lineal ft.	1 1/2 X 1/4				
	45	Rivets					
1 Post #2 1/2	4	LS	3 X 3 X 3/8	16'-6"	16'-6"	C.S.Co. 344	
	2	"	3 X 3 X 3/8	9'-0"	rem. of stock	Stock	
	1	"	5 X 3 X 3/8	0'-11"			
	1	PLT	12 X 7/8	0'-8"			
	1	"	12 X 7/8	1'-12"			
	1	"	10 X 7/8	1'-4"			
	25	Lineal ft.	1 1/2 X 1/4				
	45	Rivets					
5 Trusses AB #2 1/2	10	LS	3 X 3 X 3/8	35'-0"	35'-0"	C.S.Co. 344	
	10	"	3 X 3 X 3/8	30'-0"	30'-0"	C.S.Co. 344	
	8	"	3 X 3 X 3/8	34'-11 1/2"	25'-3"		
	8	"	3 X 3 X 3/8	30'-0"	30'-6"		
	18	"	3 X 3 X 3/8	3'-6"	3-30'-0"		
	10	"	"	0'-12"			
	10	"	"	0'-10 1/2"			
4 Trusses BC #2 1/2	8	"	"	4'-6"			
	8	"	"	0'-12"			
	8	"	"	0'-10 1/2"			
	8	"	"	0'-10 1/2"			
	8	"	"	2'-9"			
	8	"	"	2'-4"			
	16	"	"	3'-3"			
	16	"	"	0'-12"			
	16	"	"	0'-10 1/2"			
	16	"	"	0'-10 1/2"			
	16	"	"	2'-9"			
	16	"	"	2'-4"			
	32	"	"	3'-3"			
	32	"	"	0'-12"			
	32	"	"	0'-10 1/2"			
	32	"	"	0'-10 1/2"			
	32	"	"	2'-9"			
	32	"	"	2'-4"			
	64	"	"	3'-3"			
	64	"	"	0'-12"			
	64	"	"	0'-10 1/2"			
	64	"	"	0'-10 1/2"			
	64	"	"	2'-9"			
	64	"	"	2'-4"			
	128	"	"	3'-3"			
	128	"	"	0'-12"			
	128	"	"	0'-10 1/2"			
	128	"	"	0'-10 1/2"			
	128	"	"	2'-9"			
	128	"	"	2'-4"			
	256	"	"	3'-3"			
	256	"	"	0'-12"			
	256	"	"	0'-10 1/2"			
	256	"	"	0'-10 1/2"			
	256	"	"	2'-9"			
	256	"	"	2'-4"			
	512	"	"	3'-3"			
	512	"	"	0'-12"			
	512	"	"	0'-10 1/2"			
	512	"	"	0'-10 1/2"			
	512	"	"	2'-9"			
	512	"	"	2'-4"			
	1024	"	"	3'-3"			
	1024	"	"	0'-12"			
	1024	"	"	0'-10 1/2"			
	1024	"	"	0'-10 1/2"			
	1024	"	"	2'-9"			
	1024	"	"	2'-4"			
	2048	"	"	3'-3"			
	2048	"	"	0'-12"			
	2048	"	"	0'-10 1/2"			
	2048	"	"	0'-10 1/2"			
	2048	"	"	2'-9"			
	2048	"	"	2'-4"			
	4096	"	"	3'-3"			
	4096	"	"	0'-12"			
	4096	"	"	0'-10 1/2"			
	4096	"	"	0'-10 1/2"			
	4096	"	"	2'-9"			
	4096	"	"	2'-4"			
	8192	"	"	3'-3"			
	8192	"	"	0'-12"			
	8192	"	"	0'-10 1/2"			
	8192	"	"	0'-10 1/2"			
	8192	"	"	2'-9"			
	8192	"	"	2'-4"			
	16384	"	"	3'-3"			
	16384	"	"	0'-12"			
	16384	"	"	0'-10 1/2"			
	16384	"	"	0'-10 1/2"			
	16384	"	"	2'-9"			
	16384	"	"	2'-4"			
	32768	"	"	3'-3"			
	32768	"	"	0'-12"			
	32768	"	"	0'-10 1/2"			
	32768	"	"	0'-10 1/2"			
	32768	"	"	2'-9"			
	32768	"	"	2'-4"			
	65536	"	"	3'-3"			
	65536	"	"	0'-12"			
	65536	"	"	0'-10 1/2"			
	65536	"	"	0'-10 1/2"			
	65536	"	"	2'-9"			
	65536	"	"	2'-4"			
	131072	"	"	3'-3"			
	131072	"	"	0'-12"			
	131072	"	"	0'-10 1/2"			
	131072	"	"	0'-10 1/2"			
	131072	"	"	2'-9"			
	131072	"	"	2'-4"			
	262144	"	"	3'-3"			
	262144	"	"	0'-12"			
	262144	"	"	0'-10 1/2"			

Field Bolt and Rivet List
Order #790 - Drawing #407

QTY	Name	Size	Length	Location
240	Rivets	3/8"	2"	Bents #6 to #17 Trusses to Posts
1075	"	"	"	"
				80-Knee Braces
50	"	2 3/4"	10"	Bent #5
				27 - " #1 to #5
				14 - " #5
55	"	2 5/8"	36"	" #5
				10 - " #5
1350	Bolts	1 1/4"		purlins
230	"	1 1/4"		Bent #5
450	"	2 1/2"		Erection Bolts

SHIPPING LIST CONT'D.

QTY	Description	Mark	Detailed on Sheet #
1	Purlin 14'-8"	P72	3
12	" 16'-10"	P50	"
12	" 16'-4 1/2"	P51	"
12	" 15'-11"	P52	"
12	" 15'-5 1/2"	P53	"
12	" 15'-3 1/2"	P54	"
12	" 14'-9 1/2"	P55	"
12	" 14'-4 1/2"	P56	"
12	" 13'-11 1/2"	P57	"
12	" 13'-6 1/2"	P58	"
12	" 13'-0 1/2"	P59	"
12	" 12'-7 1/2"	P60	"
12	" 12'-2 1/2"	P61	"
12	" 11'-9 1/2"	P62	"
10	" 18'-1 1/2"	5-P8, 5-P29	"
10	" 17'-7 1/2"	5-P9, 5-P30	"
10	" 17'-1 1/2"	5-P10, 5-P31	"
10	" 16'-7 1/2"	5-P11, 5-P32	"
10	" 16'-4 1/2"	5-P12, 5-P33	"
10	" 15'-11 1/2"	5-P13, 5-P34	"
10	" 15'-5 1/2"	5-P14, 5-P35	"
10	" 15'-0 1/2"	5-P15, 5-P36	"
10	" 14'-6 1/2"	5-P16, 5-P37	"
10	" 14'-0 1/2"	5-P17, 5-P38	"
10	" 13'-7 1/2"	5-P18, 5-P39	"
10	" 13'-1 1/2"	5-P19, 5-P40	"
10	" 12'-7 1/2"	5-P20, 5-P41	3
	Field Bolts and Rivets as per List		4
132	Anchor Bolts 2" x 8" 1/2		4
132	Wedges 1 1/2" x 4"		4
1	Purlin 19'-4 1/2"	P79	3
1	" 18'-10 1/2"	P80	"
1	" 18'-3 1/2"	P81	"
1	" 17'-9 1/2"	P82	"
1	" 17'-6 1/2"	P83	"
1	" 17'-0 1/2"	P84	"
1	" 16'-6 1/2"	P85	"
1	" 16'-0 1/2"	P86	"
1	" 15'-6 1/2"	P87	"
1	" 15'-0 1/2"	P88	"
1	" 14'-6 1/2"	P89	"
1	" 14'-0 1/2"	P90	"
1	" 13'-6 1/2"	P91	"
1	" 13'-0 1/2"	P92	"
1	" 123 3/4" x 22'-3 7/8"	P73	"
1	" " x 22'-0 1/2"	P74	"
1	" " x 13'-0 1/2"	P92	"
	50 Gals. Red Lead Paint.		



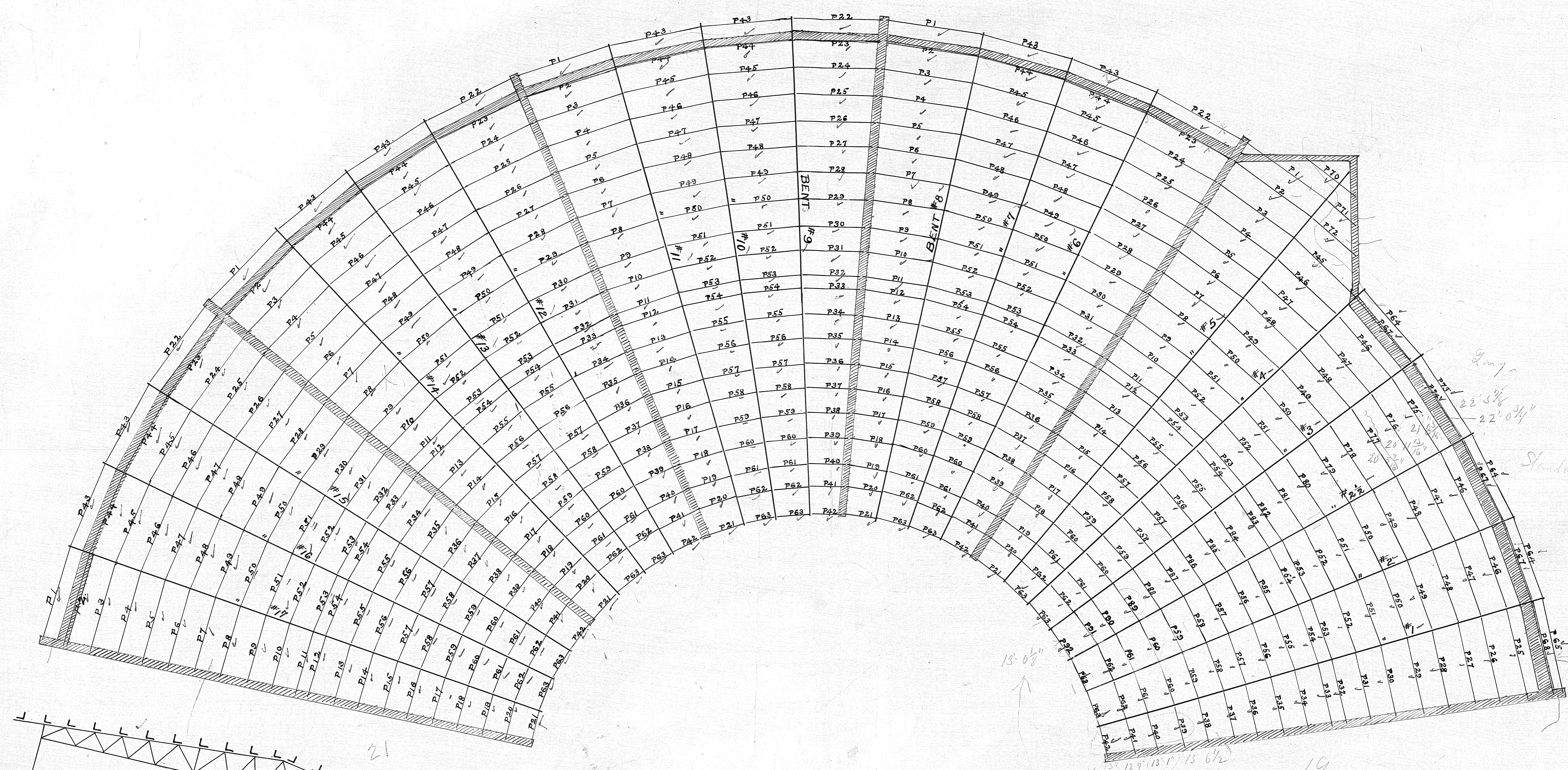
Complete List of Material Necessary for the erection of the Roundhouse.
THE GILLETTE-HERZOG MFG. Co. MPLS. MINN.
SHIPPING LIST, SHIP - ORDER #790
SHIP TO Gillette-Herzog Mfg. Co. Two Harbors, Minn.
REMARKS: To be erected.

QTY	Description	Mark	Detailed on sheet #
12	Posts 4 1/2 x 3 3/4 x 17'-10" about	A #6 to #17	1
12	" " " " x 20'-0" "	B " " "	1
12	" " " " x 19'-6" "	C " " "	1
12	" " " " x 17'-3" "	D " " "	1
12	Trusses 3'-0" x 26'-4" about	AB " " "	1
12	" " 4'-0" x 22'-8" "	BC " " "	1
12	" " 3'-0" x 27'-0" "	CD " " "	1
72	Knee Braces 2 1/2 x 3 3/4 x 7'-0" about	#6 to #17	1
6	Posts 4 1/2 x 2 3/4 x 18'-0" about	A #1 to #5	2
5	" " " " x 20'-9" "	B #1 " #4	2
1	" 4 1/2 x 2 3/4 x 20'-9" "	B #5	2
5	" 4 1/2 x 2 3/4 x 17'-6" "	C #1 to #4	2
1	" " " " x 16'-0" "	C #5	2
11	Trusses 4'-0" x 35'-0" about	6AB #1 to #5 BC #1 to #4	2
1	" 4'-0" x 47'-7 1/2" "	BC #5	2
24	Knee Braces 2 1/2 x 3 3/4 x 8'-0" about	#1 to #5	2
5	Purlins 1 1/2 x 3 3/4 x 21'-7 1/2"	P1	3
4	" " " " x 20'-1 1/2"	P22	3
8	" " " " x 20'-1 1/2"	P43	3
1	" " " " x 17'-8"	P70	"
1	" " " " x 10'-6"	P71	"
3	" " " " x 19'-4 1/2"	P64	"
1	" " " " x 20'-10 1/2"	P65	"
8	" " " " x 19'-1 1/2"	P67	"
1	" " " " x 20'-7 1/2"	P68	"
5	" " " " x 12'-1 1/2"	P21	"
5	" " " " x 12'-1 1/2"	P42	"
12	" " " " x 11'-3 1/2"	P63	"
8	" " " " x 19'-7 1/2"	P44	"
12	" " " " x 19'-1 1/2"	P45	"
12	" " " " x 18'-8 1/2"	P46	"
12	" " " " x 18'-2 1/2"	P47	"
12	" " " " x 17'-9 1/2"	P48	"
12	" " " " x 17'-3 1/2"	P49	"
8	" " " " x 21'-1 1/2"	5-P23, 5-P2	"
10	" " " " x 20'-7 1/2"	5-P24, 5-P3	"
10	" " " " x 20'-1 1/2"	5-P4, 5-P25	"
10	" " " " x 19'-7 1/2"	5-P5, 5-P26	"
10	" " " " x 19'-1 1/2"	5-P6, 5-P27	"
10	" " " " x 18'-7 1/2"	5-P7, 5-P28	"
1	" " " " x 21'-6 1/2"	P75	"
1	" " " " x 20'-11 1/2"	P76	"
1	" " " " x 20'-5 1/2"	P77	"
1	" " " " x 19'-11 1/2"	P78	"

SHIPPING LIST ETC. FOR ROUNDHOUSE
AT
Two Harbors, Minn. for D. & I. R. R.
THE GILLETTE-HERZOG MFG. Co. MPLS., MINN.
Frank Gillette CHIEF ENGINEER
ORDER #790 SHEET #4 1895
DR. BY F.W.H. CH. BY T.B. Gillette '95
DRAWING #407

(2) of (2)

(1) of (2)



ERECTON PLAN OF ROUNDHOUSE
 AT
 TWO HARBORS MINN. FOR DULUTH & I. R. R. R.
 THE GILLETTE-HERZOG MFG CO, Mpls. MINN.
Frank J. Howard CHIEF ENGINEER

ORDER #790 SHEET #51 1895

DR BY } F.M.H. CH. BY } *G. Howard*
 TR " } *G. Howard* DRAWING #408