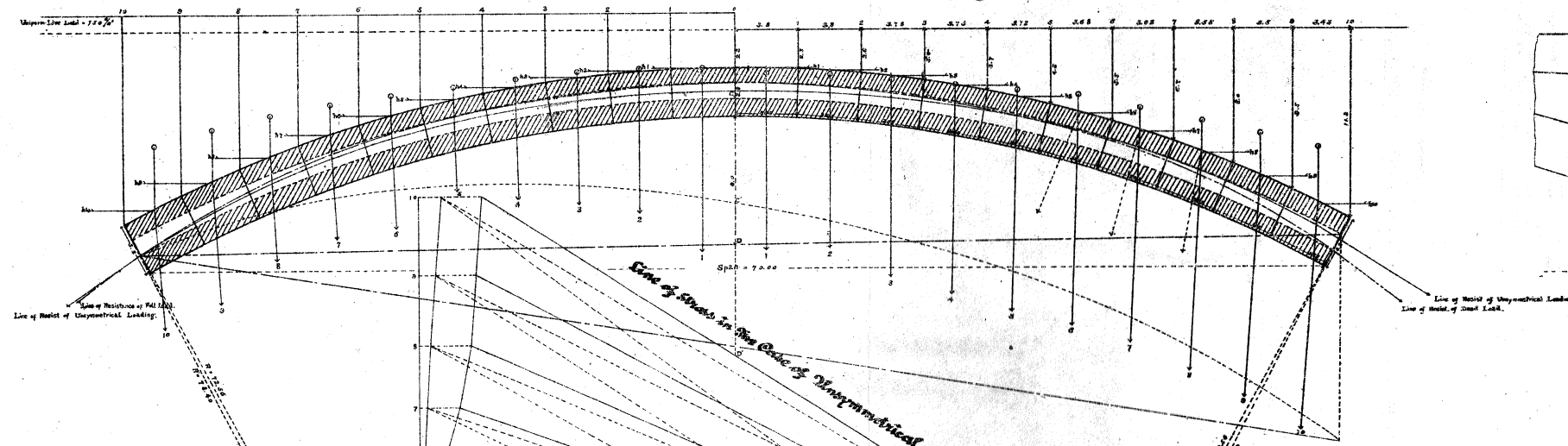


Data.		
The Average Heights Assumed in the Design are.		
Arch Ring	170 ft. / cu. ft.	Granite.
Filling Above Arch Ring	150 " " "	Conc. & Masonry.
Backing on Abutment	150 " " "	Concrete.
Body of Abutment	140 " " "	Concrete.
Foundation	140 " " "	"
Earth	100 " " "	"
Uniform Live Load	150 lbs. / sq. ft.	Electric Cars.

Stability of Arch Ring and Abutment.

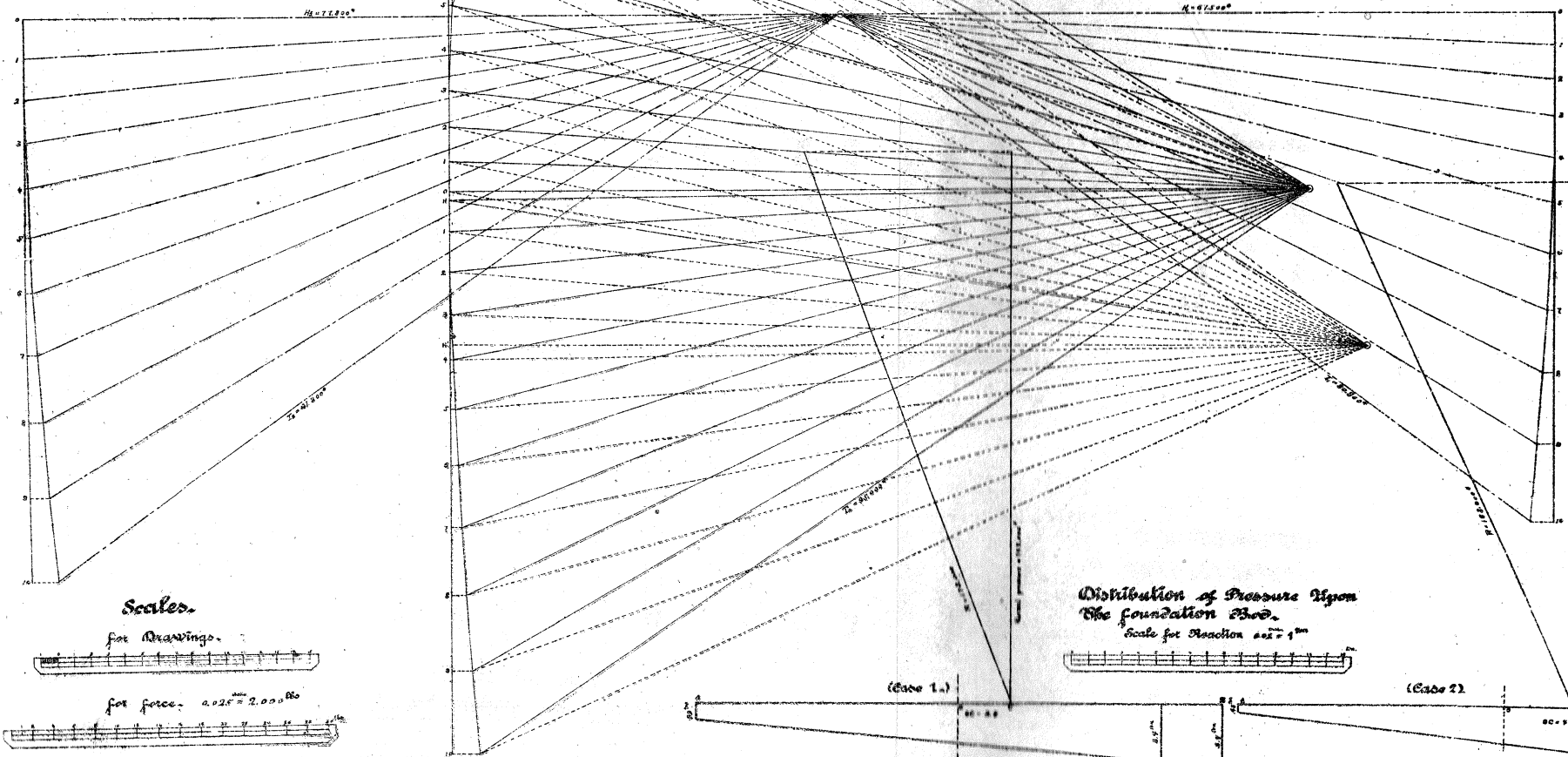
Side of full Load.

Side of Dead Load.



Line of Stress in the Case of full Load.

Line of Stress in the Case of Dead Load.



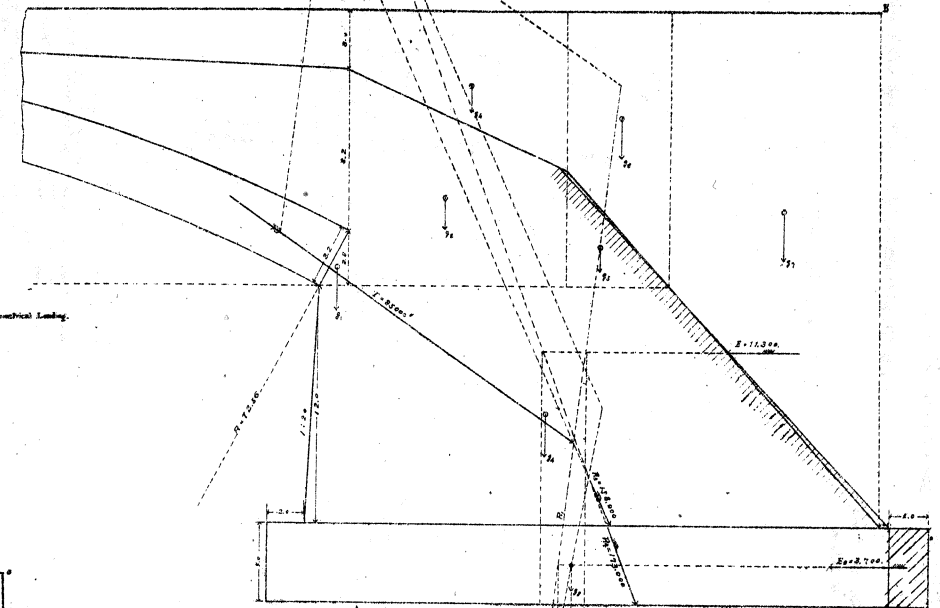
Scales.

for Drawings.

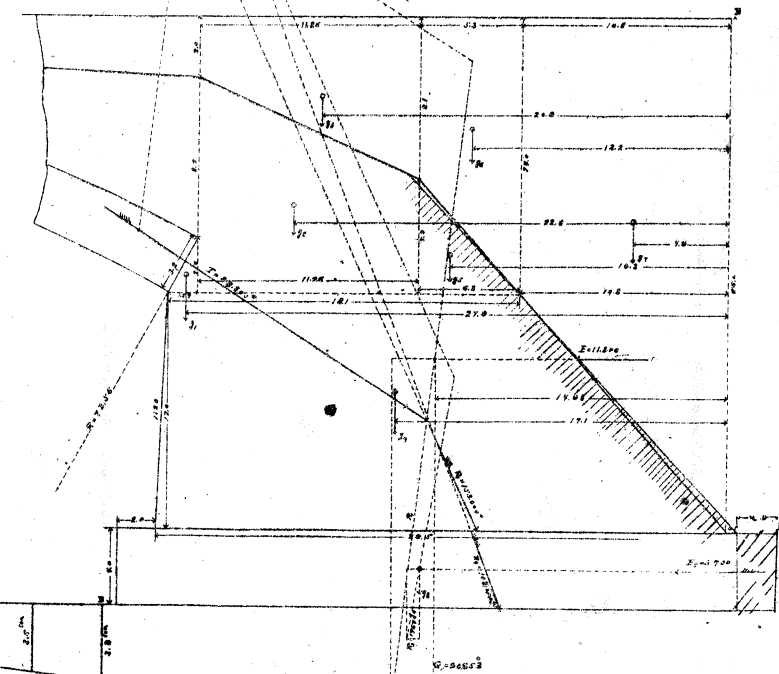
for force. 1 inch = 2,000 lbs.

Distribution of Pressure Upon the foundation bed.
Scale for Reaction 1 inch = 1,000 lbs.

Case of Unsymmetrical Loadings.
Loaded Side (Case 1).

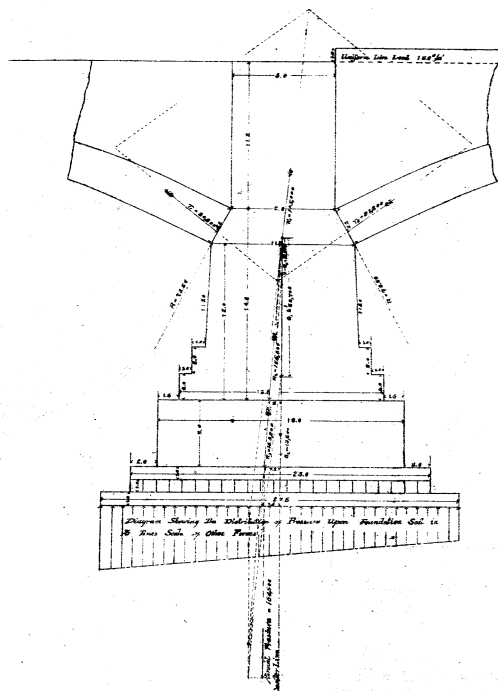


Unloaded Side (Case 2).

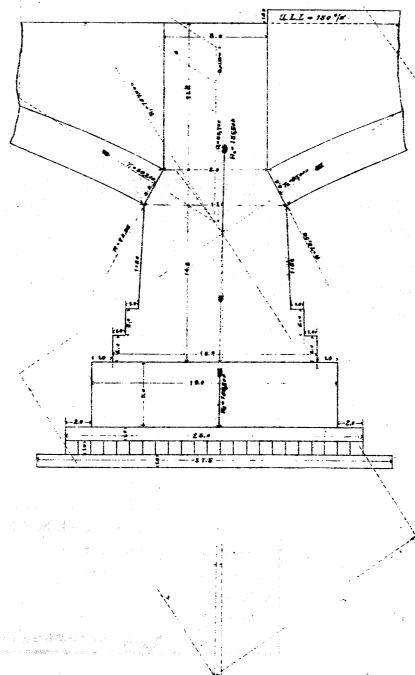


Stabilities of The Pier and Wing Wall.

Case of One Span Fully Loaded and the Other Not Loaded.

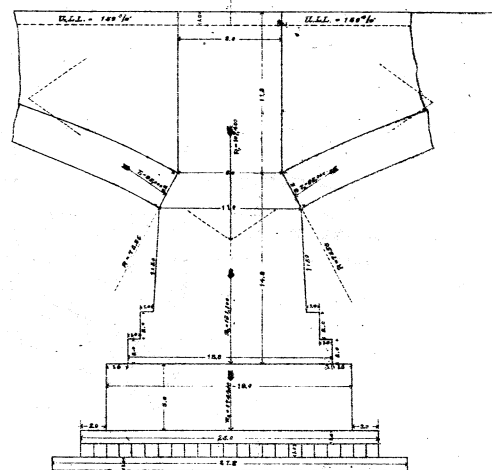


(1) Combination of the loaded side and the unloaded side.

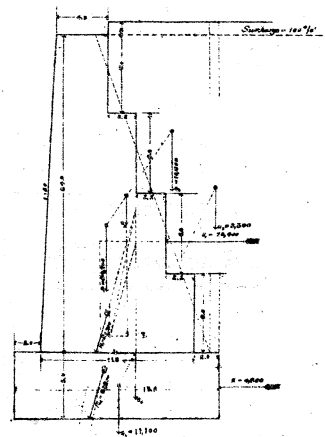


Case of Both The Span Half Loaded.

(2) Combination of the loaded side.



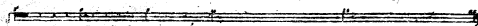
Stability of Wing Wall.



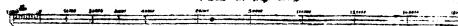
The Assumed Average Weights in the Design are:

Weights of the Pier and the Above Filling	150 lbs. cu. ft.	granite concrete
Foundations	140 " "	concrete
Weights of the Wing Walls	150 " "	brick & granite
Earth	100 " "	" "
Uniform Live Load Due to Street Cars	180 " sq. ft.	" "
Surcharge Behind the Wing Walls	500 " sq. ft.	" "

Scale for Drawing.



Scale for Forces.



Top Line
Top Line
Top Line
Top Line

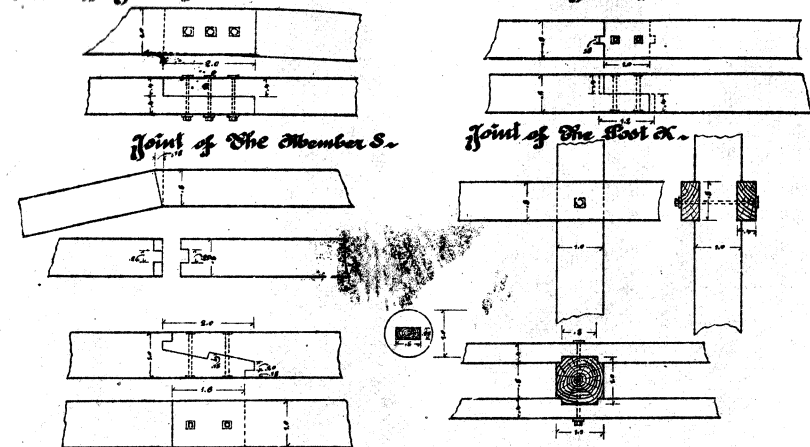


Tips
Top Line
For Line
Tip Line
Tip Line

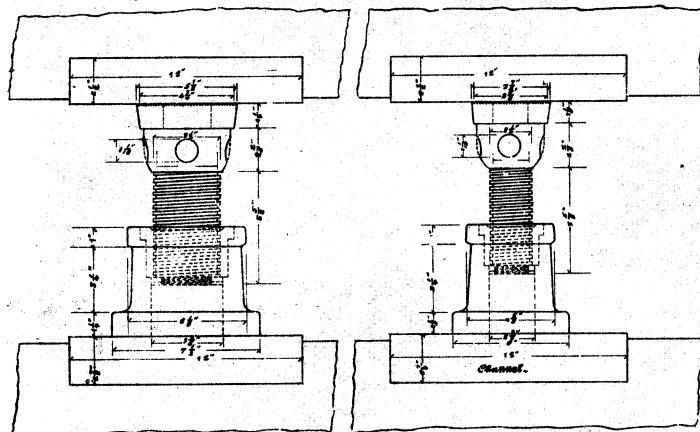


Arch Center.

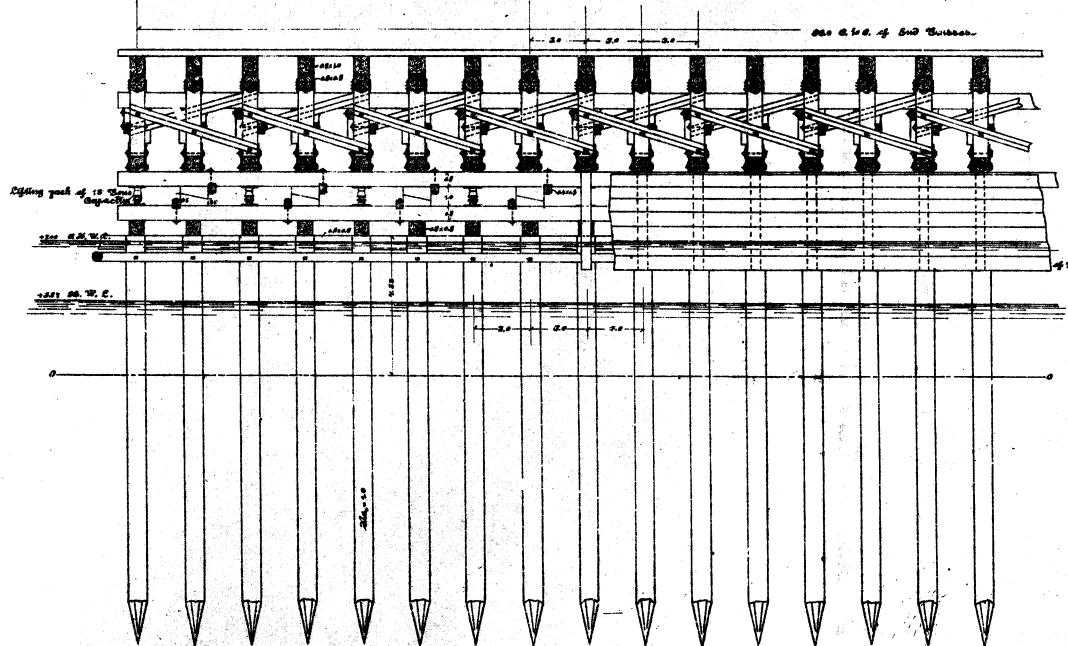
Camber 1/100 of span.



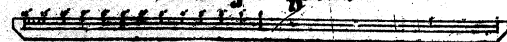
Lifting Jacks.
Jack of 15' Capacity. Jack of 1' Capacity.



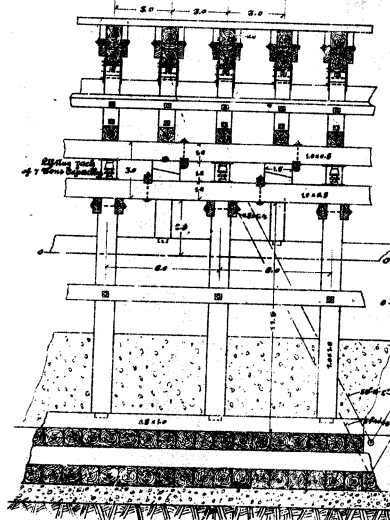
Cross Section at (a a').



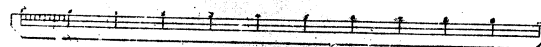
Scale for Jack.



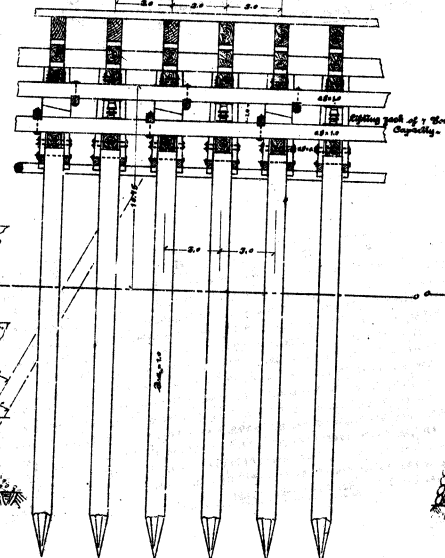
Cross Section at (c c').



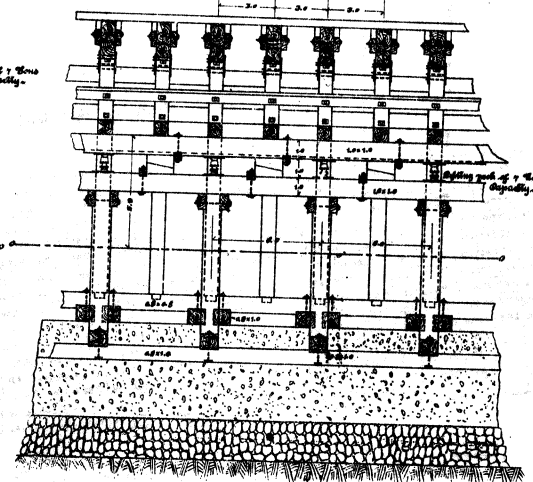
Scale for Detail of Joint.



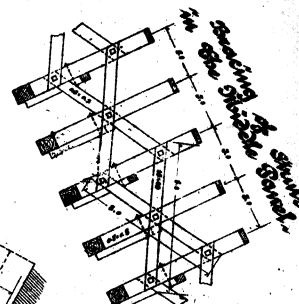
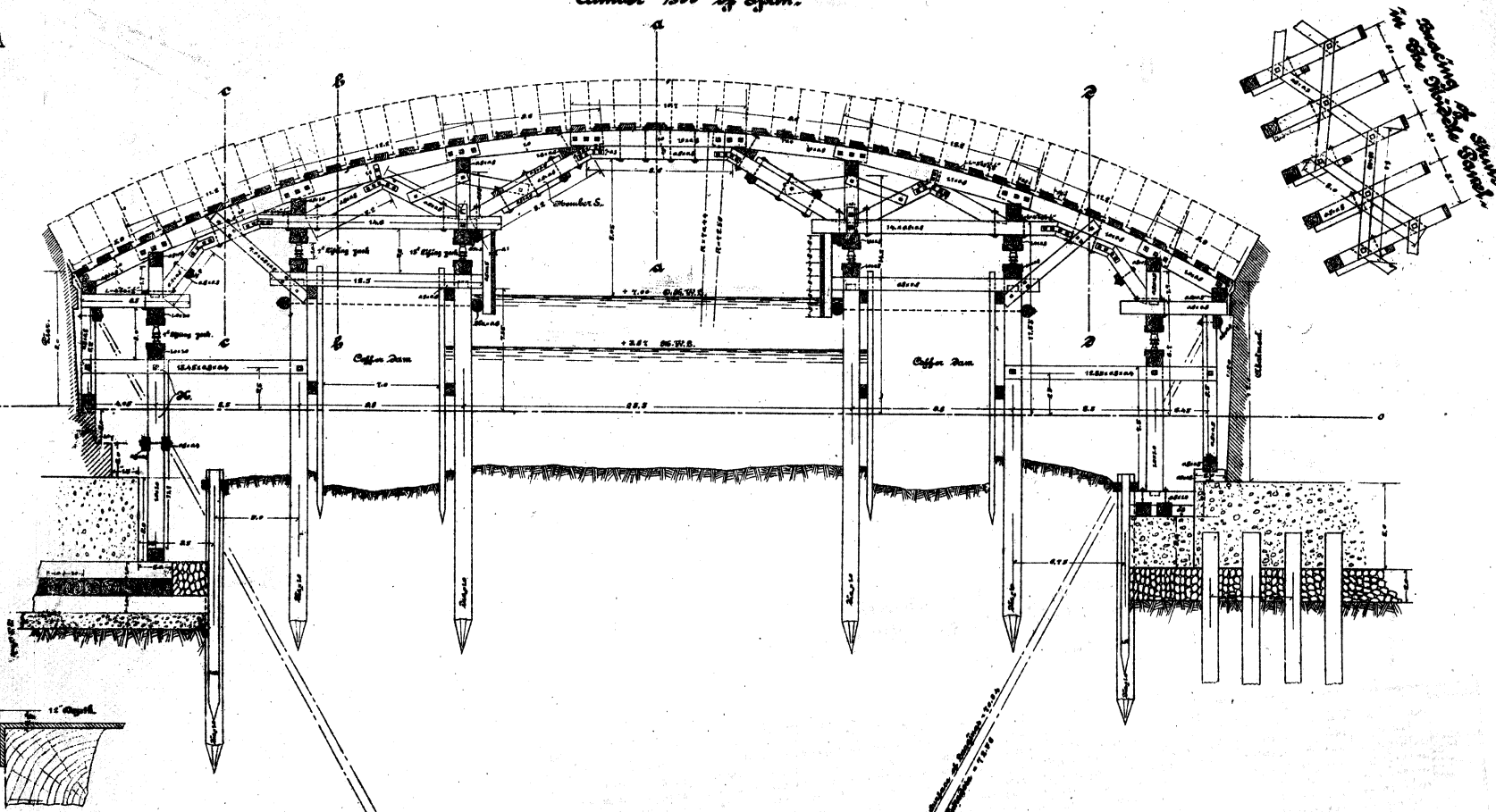
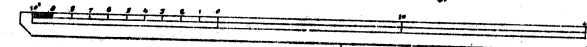
Cross Section at (b b').



Cross Section at (d d').



Scale for General Drawing.



West Side of North Arch.



Results of Survey of the Height of Upper
Surface of Arch Center and Intrados.

Qa:ce.	S	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	S'	Remarks		
4 3 8	31	10540	8838	10504	12505	16506	16571	16200	17450	17150	17000	16180	15341	13730	12334	10500	8541	10518		
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000	16500	16500
4 1 3	10530	000	10500	10558	000	13500	16506	000	16558	000	17140	000	16500	000	16500	000	16500	000		

Qste.	Q.	S	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	S'	Remarks
43	3	20	10773	8328	13845	12204	13772	13844	16102	12025	17167	17058	10208	16334	13171	12508	16838	6008	10758
	4	26	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	5	0	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	6	0	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	7	5	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	8	11	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	9	10	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	10	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	11	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	12	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	13	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	14	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	15	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	16	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	17	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	18	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	19	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758
	20	1	10178	8118	13638	12316	13746	13853	16105	12025	17170	17052	10208	16334	13171	12508	16838	6008	10758

East Side of North Arch.

Date	S	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	S'	Remarks	
4-3-31	10 224	8.801	10.585	15.305	13.798	15.340	10.718	12.223	11.818	12.011	10.316	15.736	13.071	12.510	12.503	8.501	10.780	019	
5-4-31	10 703	9.150	10.608	10.938	11.236	10.901	13.709	11.918	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
6-5-31	10 703	9.011	10.574	10.508	10.830	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
7-6-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
8-7-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
9-8-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
10-9-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
11-10-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
12-11-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
1-12-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
2-1-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
3-2-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
4-3-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
5-4-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
6-5-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
7-6-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
8-7-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
9-8-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
10-9-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
11-10-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
12-11-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
1-12-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
2-1-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
3-2-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
4-3-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
5-4-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
6-5-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
7-6-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
8-7-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
9-8-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
10-9-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
11-10-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
12-11-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
1-12-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
2-1-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
3-2-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
4-3-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
5-4-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
6-5-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
7-6-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
8-7-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
9-8-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
10-9-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
11-10-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
12-11-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
1-12-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
2-1-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
3-2-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
4-3-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
5-4-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
6-5-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
7-6-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
8-7-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019
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11-10-31	10 710	9.018	10.578	10.512	10.834	11.236	10.718	11.902	12.146	12.002	10.716	10.212	10.553	10.736	10.515	10.505	8.503	10.708	019

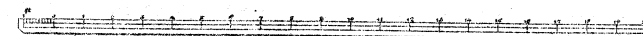
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43	3	10757	8.507	10.507	12.217	13.705	15295	16.222	17.022	17.112	17.037	18.510	18.330	18.337	17.232	10.507	8.507	10.717	
4	3	10758	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
5	3	10759	8.508	10.508	12.218	13.706	15296	16.223	17.023	17.113	17.038	18.511	18.331	18.338	17.233	10.508	8.508	10.718	
6	3	10760	8.509	10.509	12.219	13.707	15297	16.224	17.024	17.114	17.039	18.512	18.332	18.339	17.234	10.509	8.509	10.719	
7	3	10761	8.510	10.510	12.220	13.708	15298	16.225	17.025	17.115	17.040	18.513	18.333	18.340	17.235	10.510	8.510	10.720	
8	3	10762	8.511	10.511	12.221	13.709	15299	16.226	17.026	17.116	17.041	18.514	18.334	18.341	17.236	10.511	8.511	10.721	
9	3	10763	8.512	10.512	12.222	13.710	15300	16.227	17.027	17.117	17.042	18.515	18.335	18.342	17.237	10.512	8.512	10.722	
10	3	10764	8.513	10.513	12.223	13.711	15301	16.228	17.028	17.118	17.043	18.516	18.336	18.343	17.238	10.513	8.513	10.723	
11	3	10765	8.514	10.514	12.224	13.712	15302	16.229	17.029	17.119	17.044	18.517	18.337	18.344	17.239	10.514	8.514	10.724	
12	3	10766	8.515	10.515	12.225	13.713	15303	16.230	17.030	17.120	17.045	18.518	18.338	18.345	17.240	10.515	8.515	10.725	
13	3	10767	8.516	10.516	12.226	13.714	15304	16.231	17.031	17.121	17.046	18.519	18.339	18.346	17.241	10.516	8.516	10.726	
14	3	10768	8.517	10.517	12.227	13.715	15305	16.232	17.032	17.122	17.047	18.520	18.340	18.347	17.242	10.517	8.517	10.727	
15	3	10769	8.518	10.518	12.228	13.716	15306	16.233	17.033	17.123	17.048	18.521	18.341	18.348	17.243	10.518	8.518	10.728	
16	3	10770	8.519	10.519	12.229	13.717	15307	16.234	17.034	17.124	17.049	18.522	18.342	18.349	17.244	10.519	8.519	10.729	
17	3	10771	8.520	10.520	12.230	13.718	15308	16.235	17.035	17.125	17.050	18.523	18.343	18.350	17.245	10.520	8.520	10.730	
18	3	10772	8.521	10.521	12.231	13.719	15309	16.236	17.036	17.126	17.051	18.524	18.344	18.351	17.246	10.521	8.521	10.731	
19	3	10773	8.522	10.522	12.232	13.720	15310	16.237	17.037	17.127	17.052	18.525	18.345	18.352	17.247	10.522	8.522	10.732	
20	3	10774	8.523	10.523	12.233	13.721	15311	16.238	17.038	17.128	17.053	18.526	18.346	18.353	17.248	10.523	8.523	10.733	
21	3	10775	8.524	10.524	12.234	13.722	15312	16.239	17.039	17.129	17.054	18.527	18.347	18.354	17.249	10.524	8.524	10.734	
22	3	10776	8.525	10.525	12.235	13.723	15313	16.240	17.040	17.130	17.055	18.528	18.348	18.355	17.250	10.525	8.525	10.735	
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25	3	10779	8.528	10.528	12.238	13.726	15316	16.243	17.043	17.133	17.058	18.531	18.351	18.358	17.253	10.528	8.528	10.738	
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27	3	10781	8.530	10.530	12.240	13.728	15318	16.245	17.045	17.135	17.060	18.533	18.353	18.360	17.255	10.530	8.530	10.740	
28	3	10782	8.531	10.531	12.241	13.729	15319	16.246	17.046	17.136	17.061	18.534	18.354	18.361	17.256	10.531	8.531	10.741	
29	3	10783	8.532	10.532	12.242	13.730	15320	16.247	17.047	17.137	17.062	18.535	18.355	18.362	17.257	10.532	8.532	10.742	
30	3	10784	8.533	10.533	12.243	13.731	15321	16.248	17.048	17.138	17.063	18.536	18.356	18.363	17.258	10.533	8.533	10.743	
31	3	10785	8.534	10.534	12.244	13.732	15322	16.249	17.049	17.139	17.064	18.537	18.357	18.364	17.259	10.534	8.534	10.744	
32	3	10786	8.535	10.535	12.245	13.733	15323	16.250	17.050	17.140	17.065	18.538	18.358	18.365	17.260	10.535	8.535	10.745	
33	3	10787	8.536	10.536	12.246	13.734	15324	16.251	17.051	17.141	17.066	18.539	18.359	18.366	17.261	10.536	8.536	10.746	
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37	3	10791	8.540	10.540	12.250	13.738	15328	16.255	17.055	17.145	17.070	18.543	18.363	18.370	17.265	10.540	8.540	10.750	
38	3	10792	8.541	10.541	12.251	13.739	15329	16.256	17.056	17.146	17.071	18.544	18.364	18.371	17.266	10.541	8.541	10.751	
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40	3	10794	8.543	10.543	12.253	13.741	15331	16.258	17.058	17.148	17.073	18.546	18.366	18.373	17.268	10.543	8.543	10.753	
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45	3	10799	8.548	10.548	12.258	13.746	15336	16.263	17.063	17.153	17.078	18.551	18.371	18.378	17.273	10.548	8.548	10.758	
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47	3	10801	8.550	10.550	12.260	13.748	15338	16.265	17.065	17.155	17.080	18.553	18.373	18.380	17.275	10.550	8.550	10.760	
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51	3	10805	8.554	10.554	12.264	13.752	15342	16.269	17.069	17.159	17.084	18.557	18.377	18.384	17.279	10.554	8.554	10.764	
52	3	10806	8.555	10.555	12.265	13.753	15343	16.270	17.070	17.160	17.085	18.558	18.378	18.385	17.280	10.555	8.555	10.765	
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54	3	10808	8.557	10.557	12.267	13.755	15345	16.272	17.072	17.162	17.087	18.560	18.380	18.387	17.282	10.557	8.557	10.767	
55	3	10809	8.558	10.558	12.268	13.756	15346	16.273	17.073	17.163	17.088	18.561	18.381	18.388	17.283	10.558	8.558	10.768	
56	3	10810	8.559	10.559	12.269	13.757	15347	16.274	17.074	17.164	17.089	18.562	18.382	18.389	17.284	10.559	8.559	10.769	
57	3	10811	8.560	10.560	12.270	13.758	15348	16.275	17.075	17.165	17.090	18.563	18.383	18.390	17.285	10.560	8.560	10.770	
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60	3	10814	8.563	10.563	12.273	13.761	15351	16.278	17.078	17.168	17.093	18.566	18.386	18.393	17.288	10.563	8.563	10.773	
61	3	10815	8.564	10.564	12.274	13.762	15352	16.279	17.079	17.169	17.094	18.567	18.387	18.394	17.289	10.564	8.564	10.774	
62	3	10816	8.565	10.565	12.275	13.763	15353	16.280	17.080	17.170	17.095	18.568	18.388	18.395	17.290	10.565	8.565	10.775	
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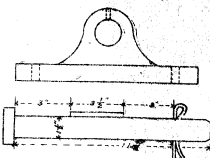
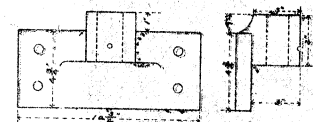
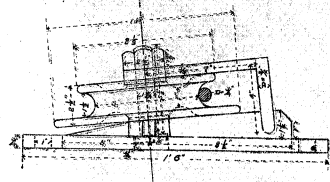
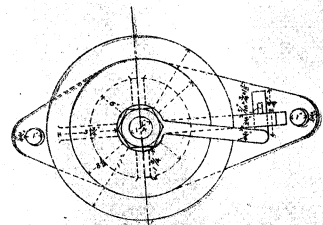
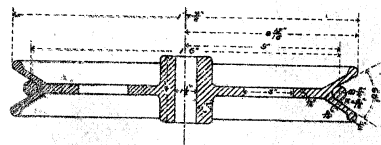
1. State of California
 2. County of San Diego

36. 2. 3

10. 2. 3.

Scale

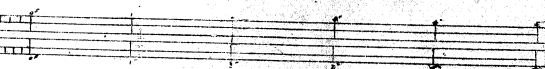




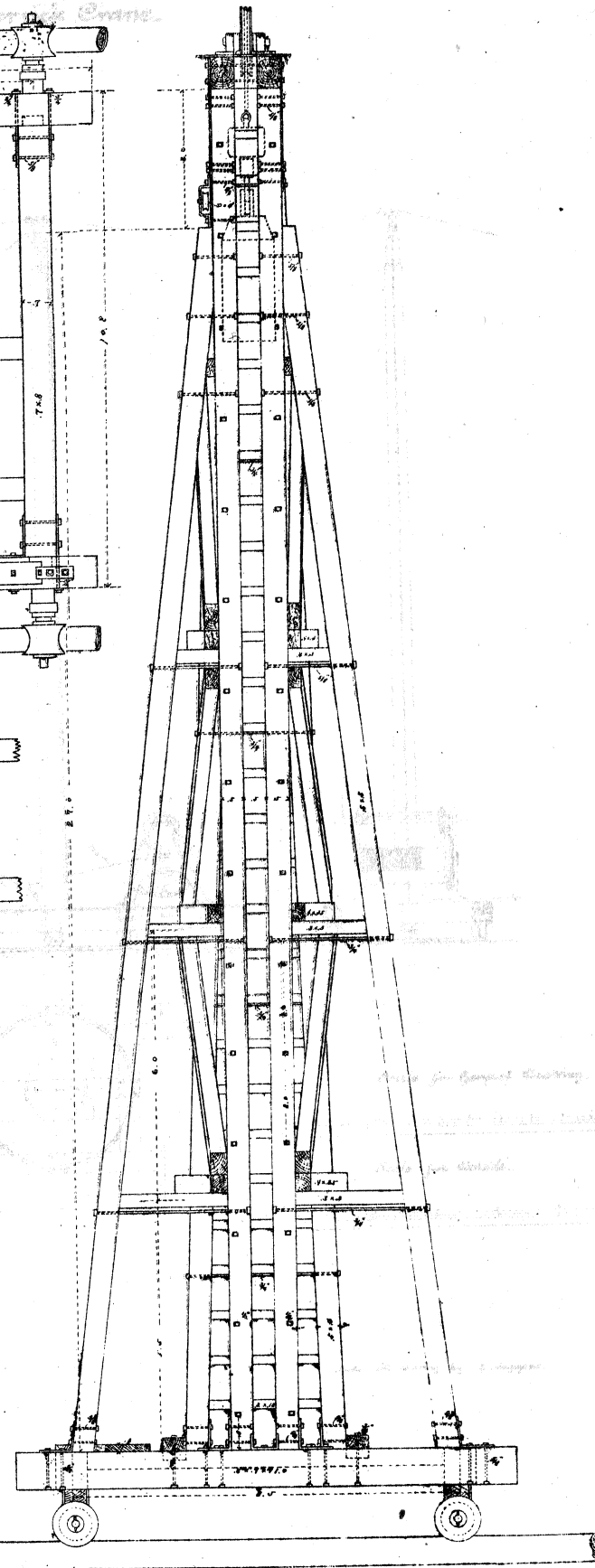
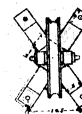
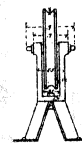
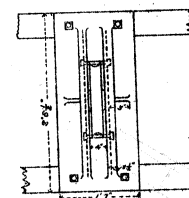
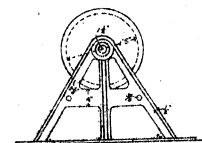
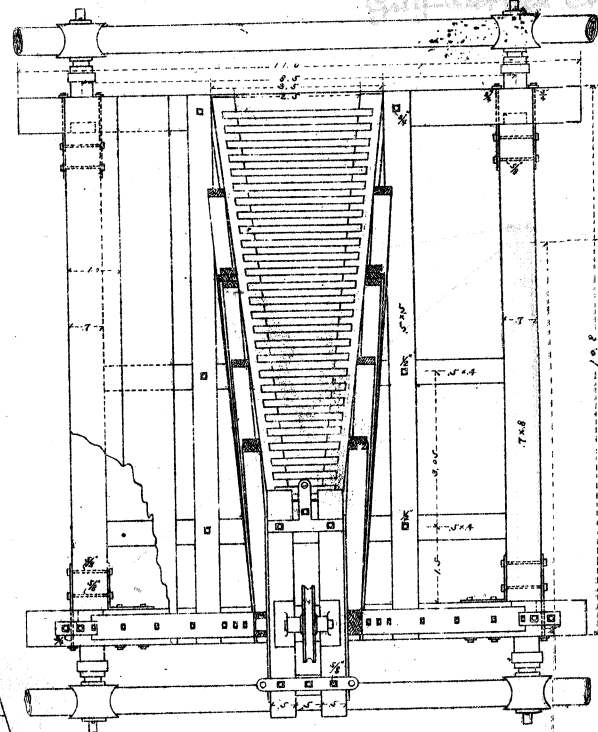
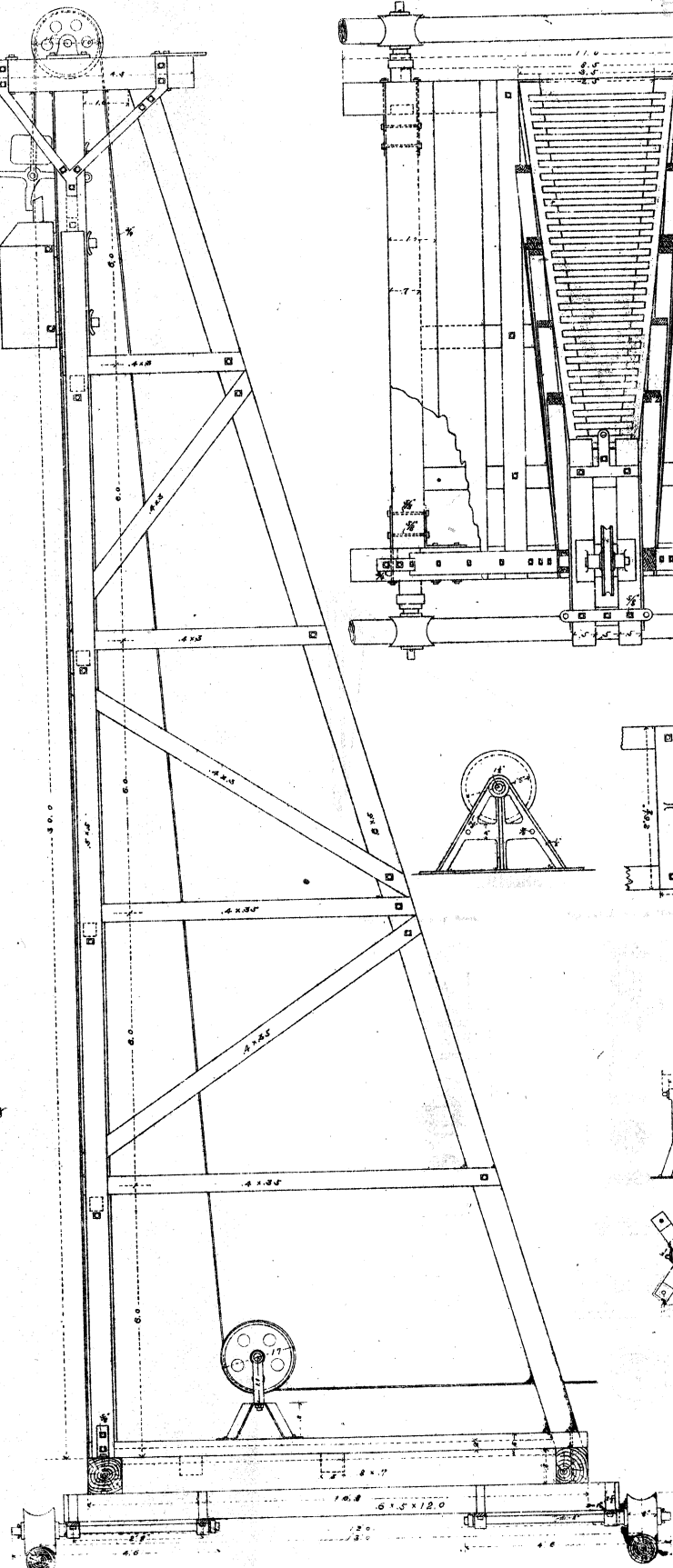
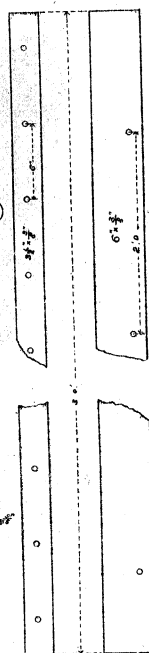
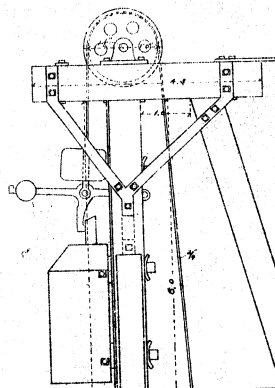
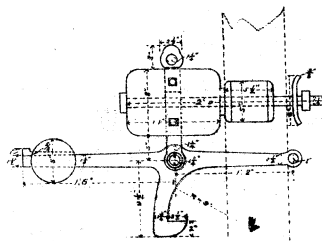
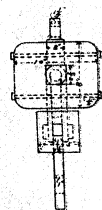
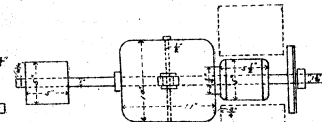
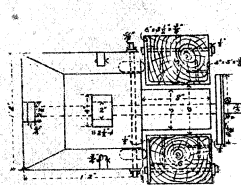
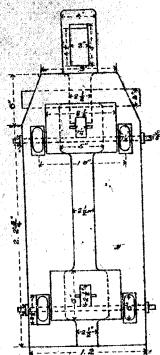
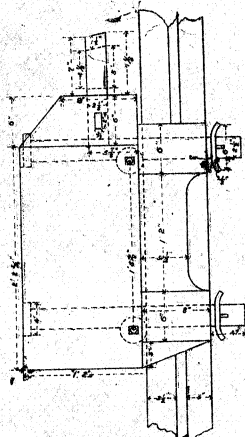
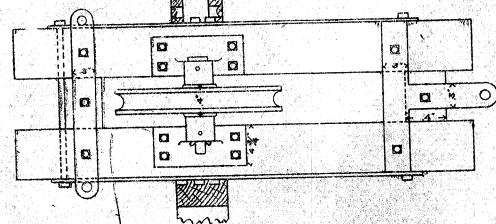
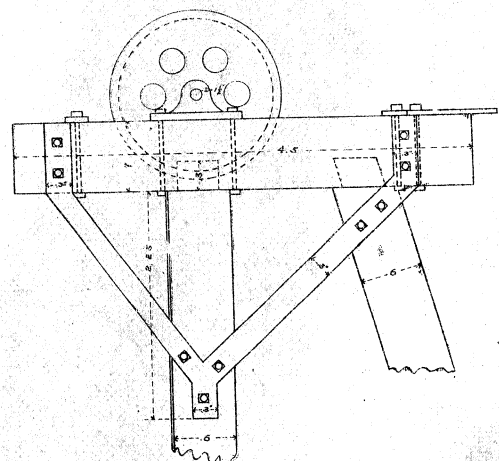
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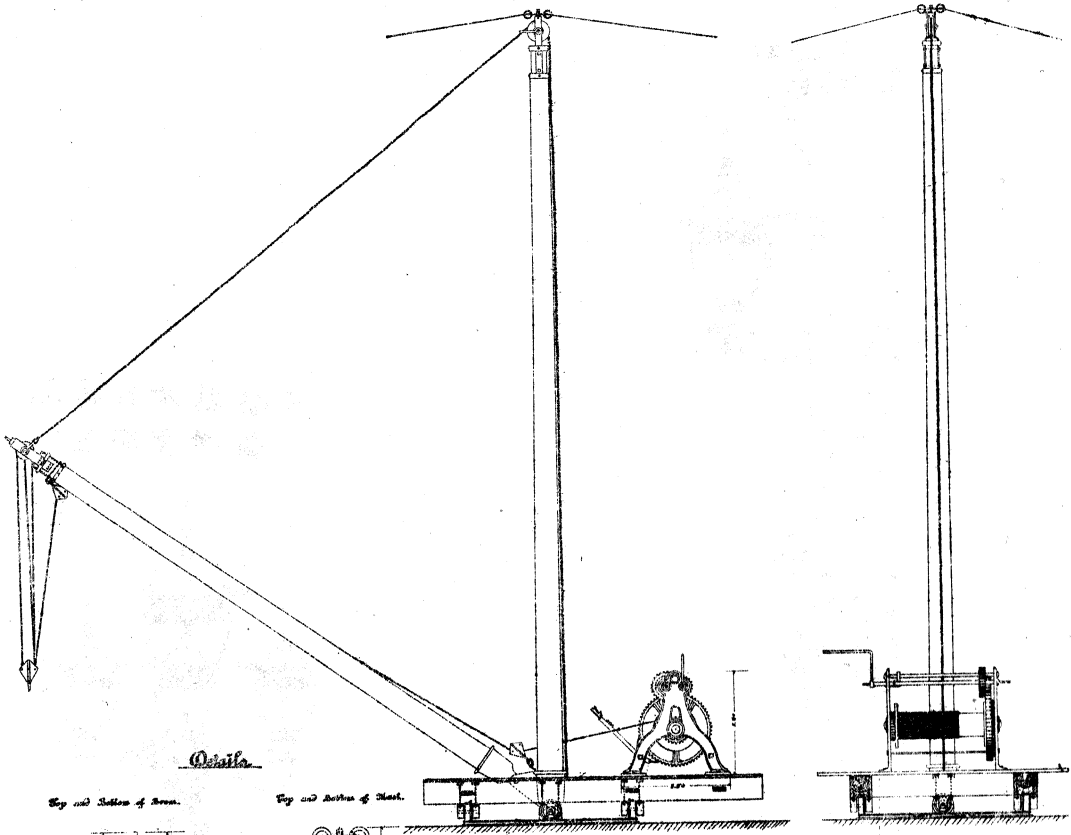
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Scale



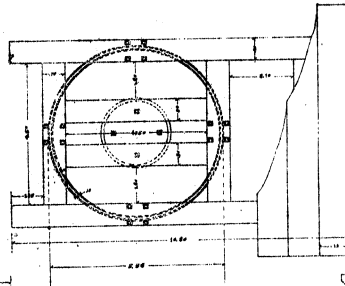
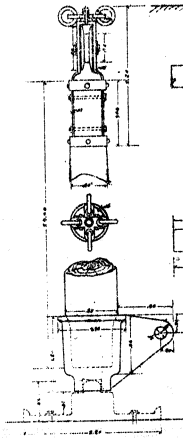
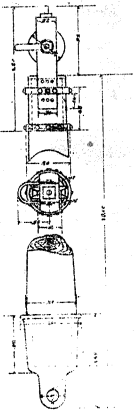
Guy-Derrick Crane.



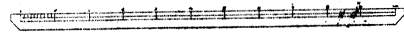
Details.

Top and Bottom of Boom.

Top and Bottom of Mast.



Scale for General Drawing.



Scale for Details.



Designed and Drawing by G. Angilena.