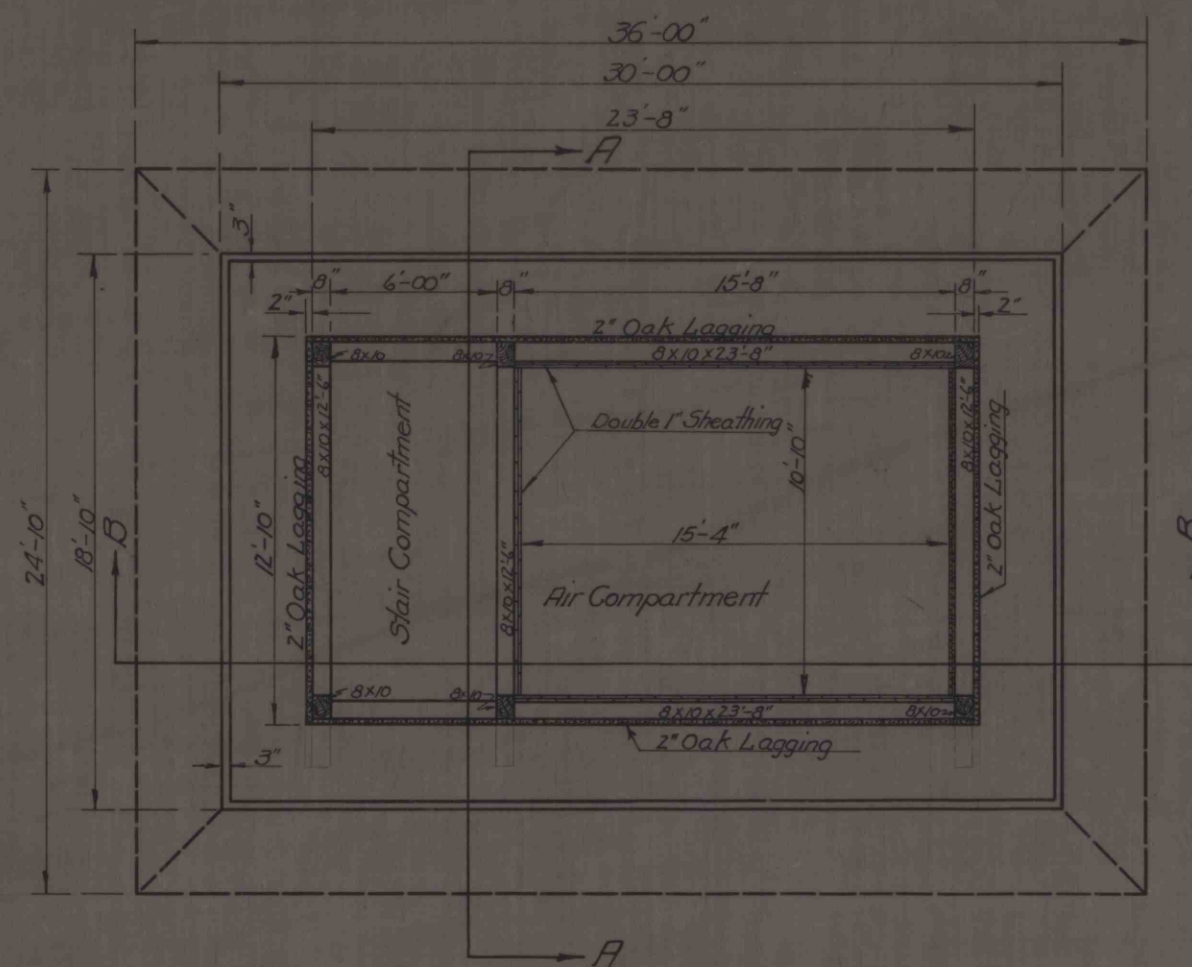
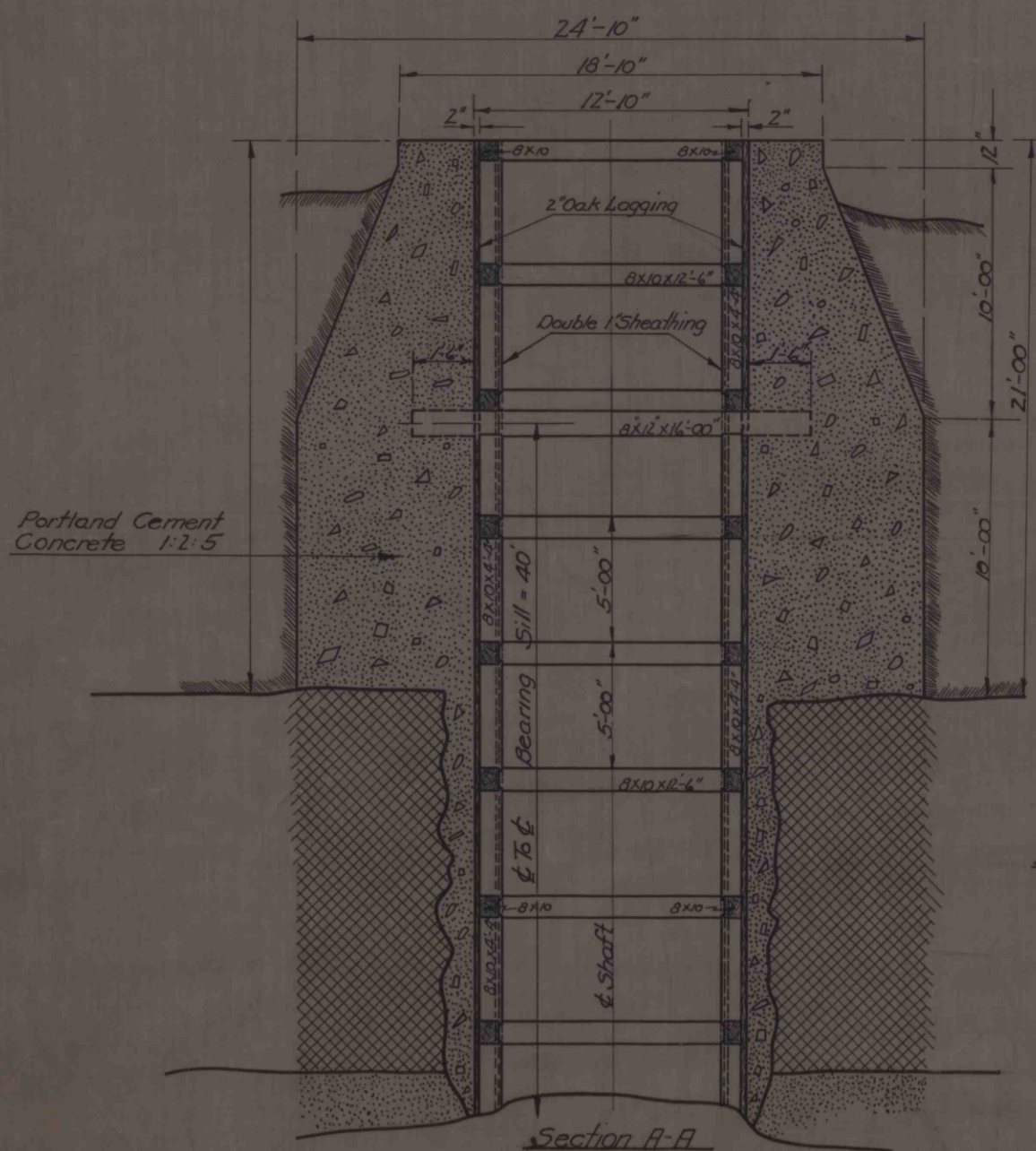
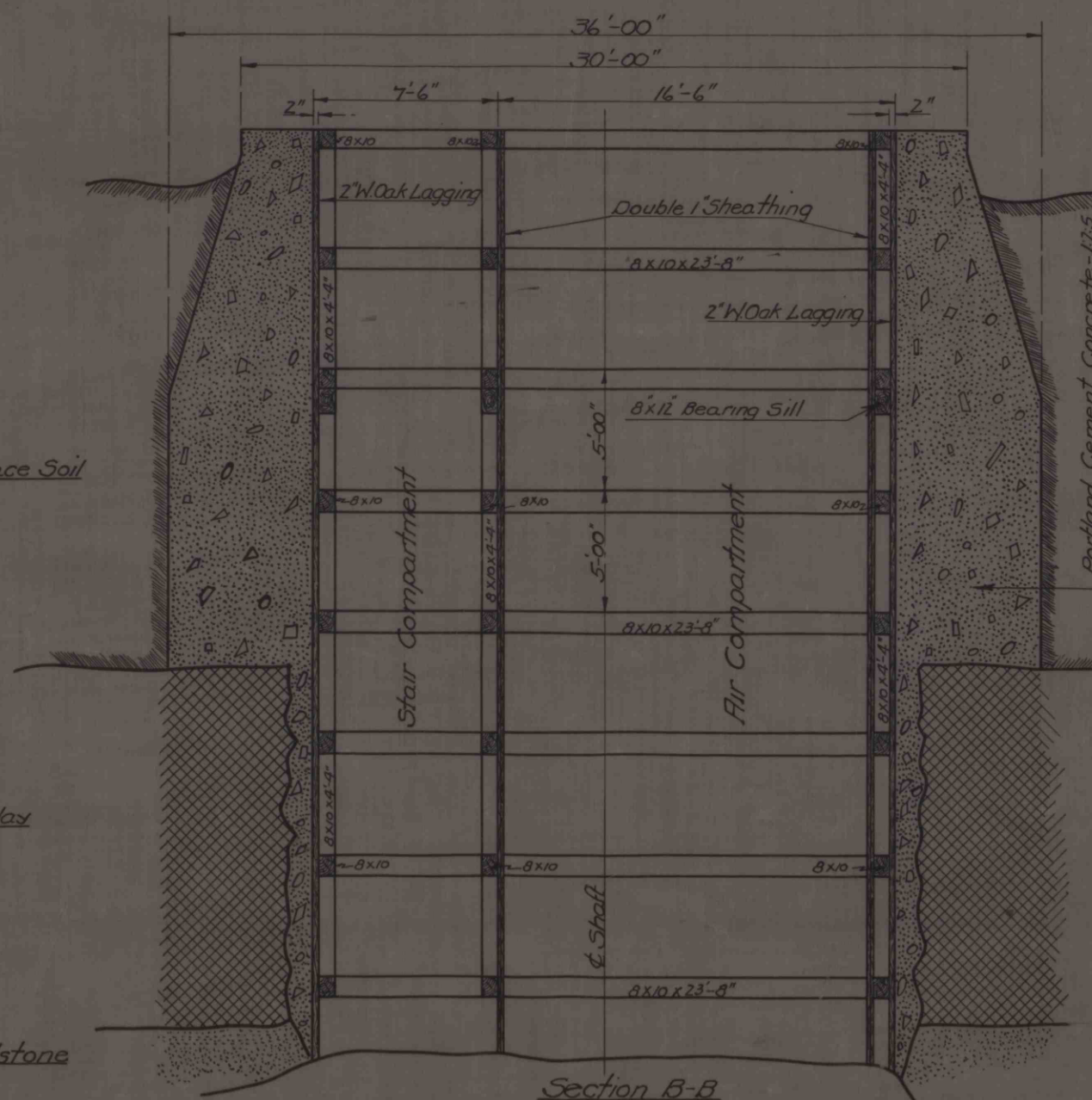




Plan of Top of Shaft



Section A-A



Section B-B

Elev. Top Of Coping = 1116.62

COLUMNAR SECTION OF SHAFT

Thick	Depth	Formation
3	3	Concrete
17.79	20.79	Surface Soil
17.50	38.79	Fire Clay
15.71	54	Sandstone
5.58	59.58	Coal & Slate
15.42	75	Sandstone
2	77	Flint Slate
13	90	Limestone
12	102	Fire Clay
1	103	Slate
28	131	Sandy Shale
3	134	Black Slate
7	141	Limestone
5	146	Slaty Sandstone
8	154	Fire Clay & Slate
4	158	Limestone
14	172	Sandstone & Shaly Sandstone
10	182	Limestone
6	188	Fire Clay
10	198	Slaty Limestone
2	200	Slate
8	208	Slaty Sandstone
2	210	Black Slate
4	214	Black Limestone
45	259	Limestone
4	263	Fire Clay
24	287	Slaty Limestone
7	294	Limestone
2	296	Fire Clay
10	306	Limestone
15	321	Fire Clay & Shale
7	328	Sandstone
4	332	Limestone
32	364	Shaly Sandstone
23	387	Black Slate
4.5	391.5	& Sandstone
2.5	394	Black Slate
85	391.85	Coal & Rock
5.87	400.72	Draw Slate
		Coal & Runners

Depth = 400.72'

Portland Cement Concrete 1:2:5

Elev. Bottom Pittsburgh Coal 715.67

BETHLEHEM MINES CORPORATION
ELLSWORTH, PA.

CONCRETE & TIMBER
ARRANGEMENT IN JOHNSON
AIR SHAFT - MINE 51

Scale: 1/4" = 1' March 1926
3-F-13