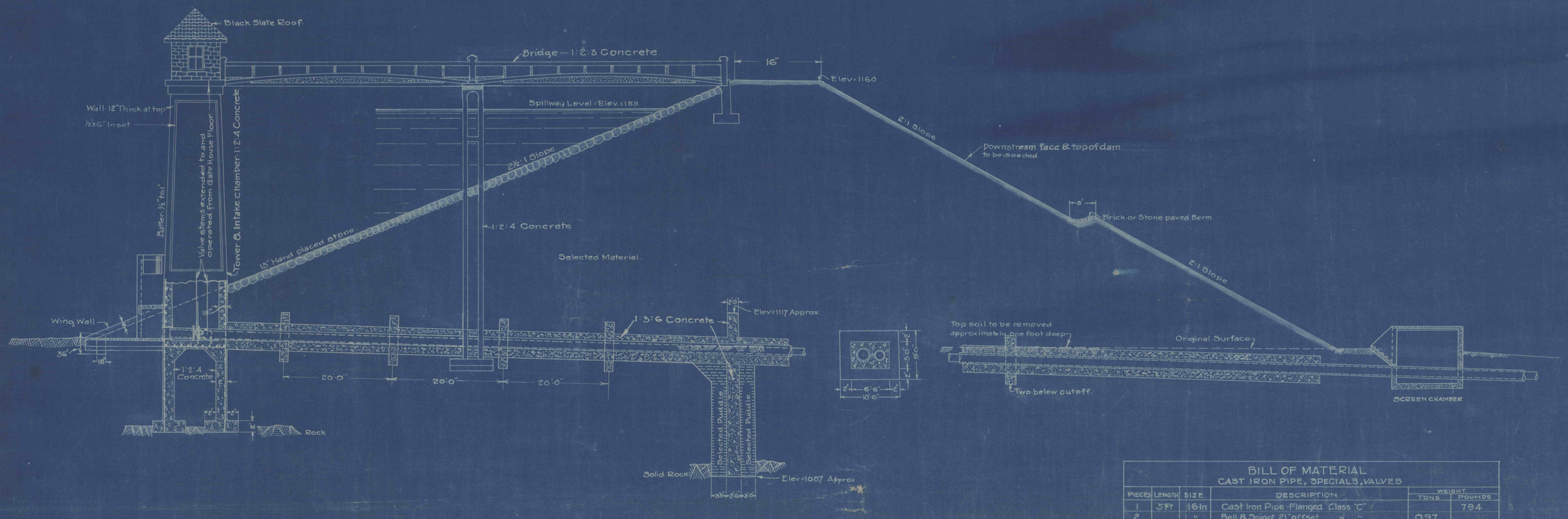
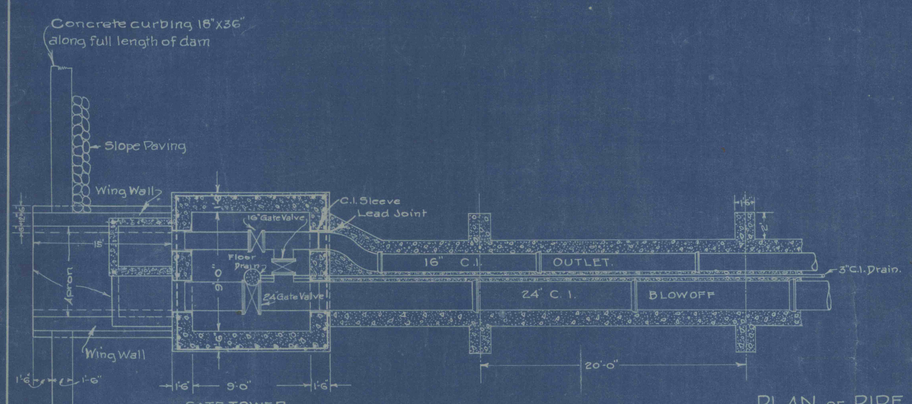
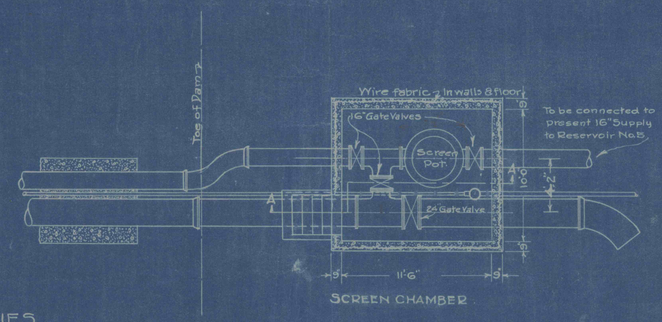


SECTION THRU EMBANKMENT
1"=10'



GATE TOWER

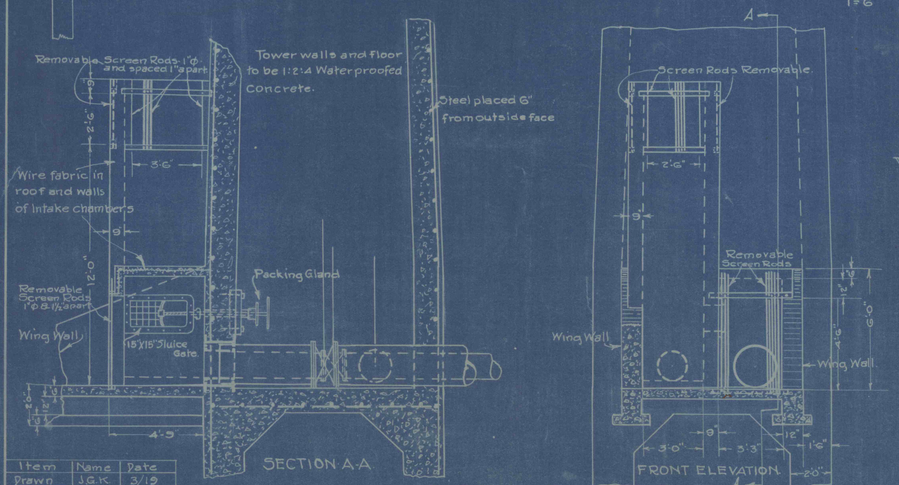
PLAN OF PIPE LINES
1"=6'



SCREEN CHAMBER

BILL OF MATERIAL
CAST IRON PIPE, SPECIALS, VALVES

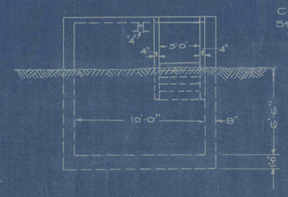
Pieces	Length	Size	Description	Weight Tons	Weight Pounds
1	5 Ft	16 In.	Cast Iron Pipe - Flanged Class "C"		794
2		"	Bell & Spigot 21" offset " "	0.97	
1		16"x16"	Tee 2 Flanges - 1 Spigot on Run, Class "D"		750
18	12 Ft	16 In.	Bell & Spigot Cast Iron Pipe Class "C"	16.53	
2	"	"	Flanged & " " " " " "	1.65	
17	"	24"	Bell & " " " " " "	28.5	
2	"	" "	Flanged & " " " " " "	3.14	
1	4½	" "	" " " " " " "	0.63	
1		24"x16	Tee 2 Flanges - 1 Spigot on Run, Class "D"	0.75	
1		24 In.	45° Ell - Bell & Spigot " "	0.75	
2		" "	Sleeves	0.82	
2		16 "	"		886
1		36"	Screen Pot. (U.S.C.I. Pipe & Foundry or Equal)	1.65	
5		16 In.	Gate Valves Flanged		
2		24 In.	" " "		
13	16 Ft.	3 In.	Bell & Spigot Cast Iron Pipe Class "A"	1.75	
2		12 In.	Cast Iron Floor Drains		50
			Pig Lead	1.1	
1		16 In.	Tee - Flanged		740
1		24"x16	" "	0.72	
			Steel for Intake Screens	0.80	
1	15"x15"		Sluice Gate (Chapman or Equal)		



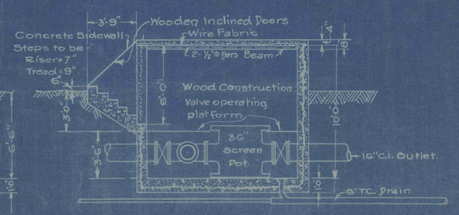
SECTION A-A

FRONT ELEVATION

DETAIL OF INTAKE SCREEN
½"=1'



END ELEVATION OF SCREEN CHAMBER
1"=6'



VERTICAL SECTION A-A
1"=6'

Item	Name	Date
Drawn	J.G.K.	3/19
Traced	E.S.	3/19
Checked	J.G.K.	4/19

GIRARD WATER COMPANY
POTTSVILLE, PENNA
DAM AND STORAGE RESERVOIR No 6
ON
WHISKEY MILL CREEK SCHUYLKILL CO., PA.

SECTION THRU DAM
AND
PIPING DETAILS
SCALES AS SHOWN

GANNETT FLEMING
ENGINEERS HARRISBURG, PA.
MARCH, 1919

C-457