

MAP

OF

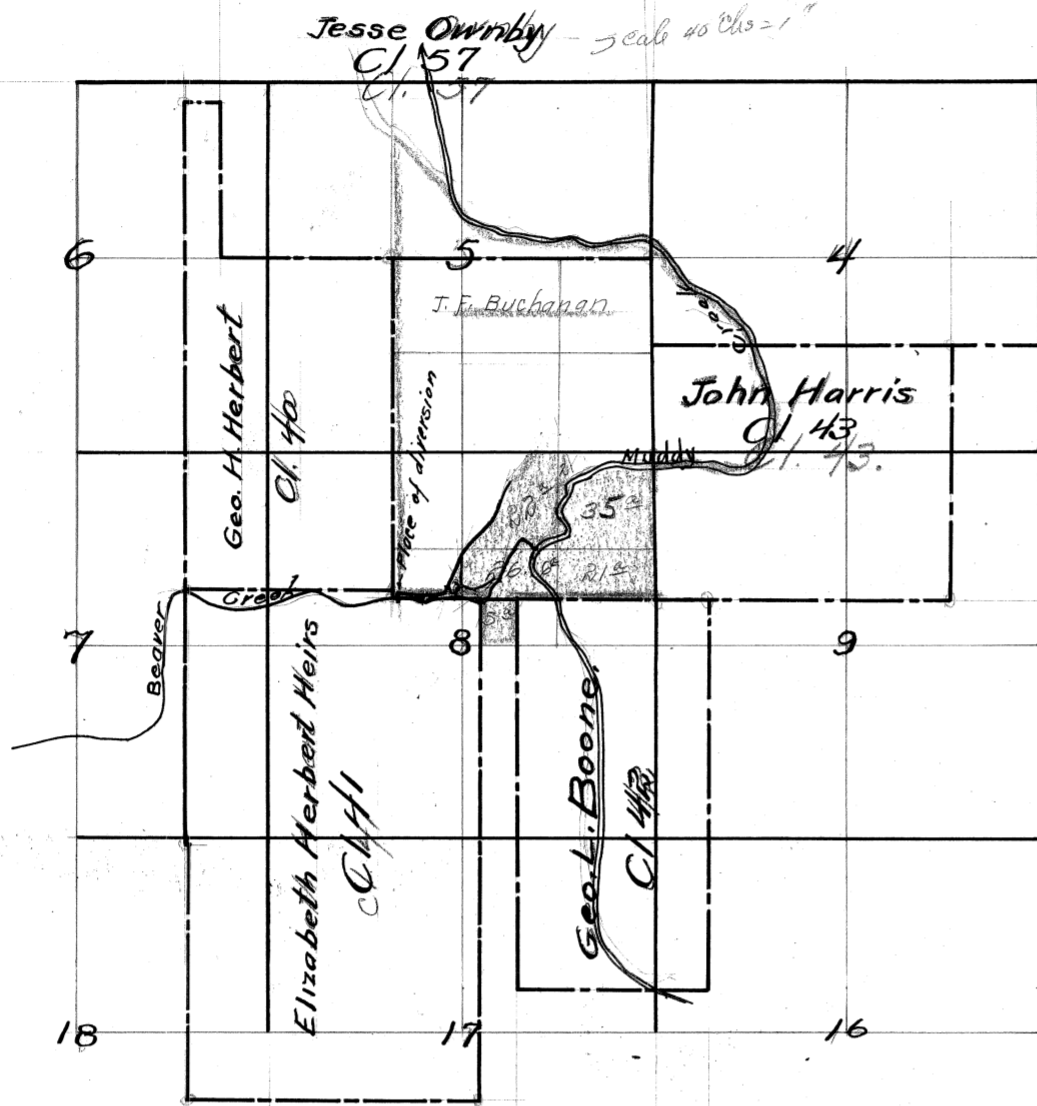
BUCHANAN IRRIGATION WORKS

F. Marion Wilkes - County Engineer

April 6, 1911

Tp. 13 S, R 5 W. W. M

Scale 40'chs-1"



Traverse of ditch Line

Sta 0 - Beginning at a point 59454 12.3 East of the S.S. Co. of Geo. L. Herbert Cl 411 in T. 13-S-R-5-W. W. M.

1	N 46-10' E	175.0'
2	S 86-26 E	213.0'
3	N 75-30 E	212.0'
4	N 20-13 E	430.0'
5	N 20-42 E	185.3'
6	N 46-37 E	484.7'
7	N 19-40' E	300.0'
Grade of Main ditch .05 per 100'		
Lateral A taken out 4'		
8	S 33-11' E	300'
9	S 29-12' E	63.0'
10	S 89-08' E	342.3'
11	N 45-30 E	74.7'

Grade of Lateral A .01 per 100'

Elevation of Ditch 97.2 at Sta 0. B. M. on 16" oak Tree S-37'E 75.5' from Sta 0.

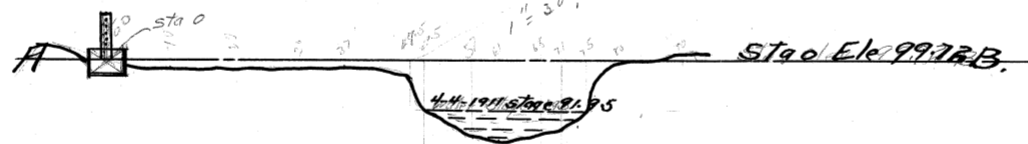
Datum assumed as 100.

Certificate of Surveyor

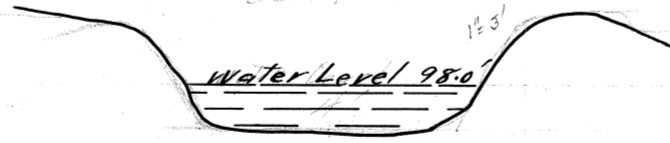
F. M. Wilkes, etc.

Sketch of Headworks

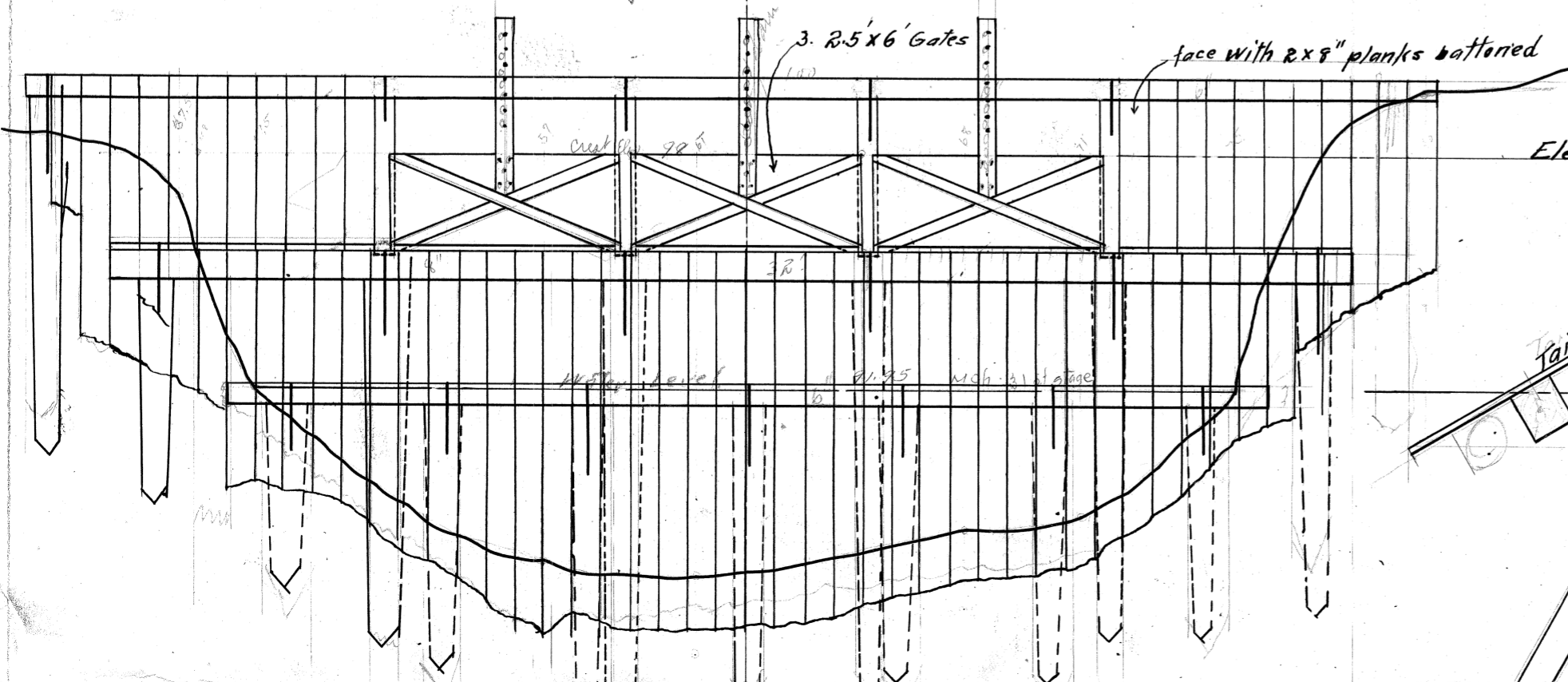
Cross Section through A-B. Scale 1"=30'



Cross Section of ditch Scale 1"=30'



Longitudinal Elev. of Dam. Long elev. Scale 1"=4'



Elevation Through CD

