LEGEND.

- wet land
- ponds.
- 1314 — elevations.
- 10+50 — station numbers
- E.T. — elevation old tile.
- old tile.
- proposed tile
- catch basins.

MAP OF DRAINAGE DISTRICT No. 17

BUENA VISTA COUNTY IOWA

Scale 1" = 400'

Geo. K. McCollough Engr. Storm Lake

1908

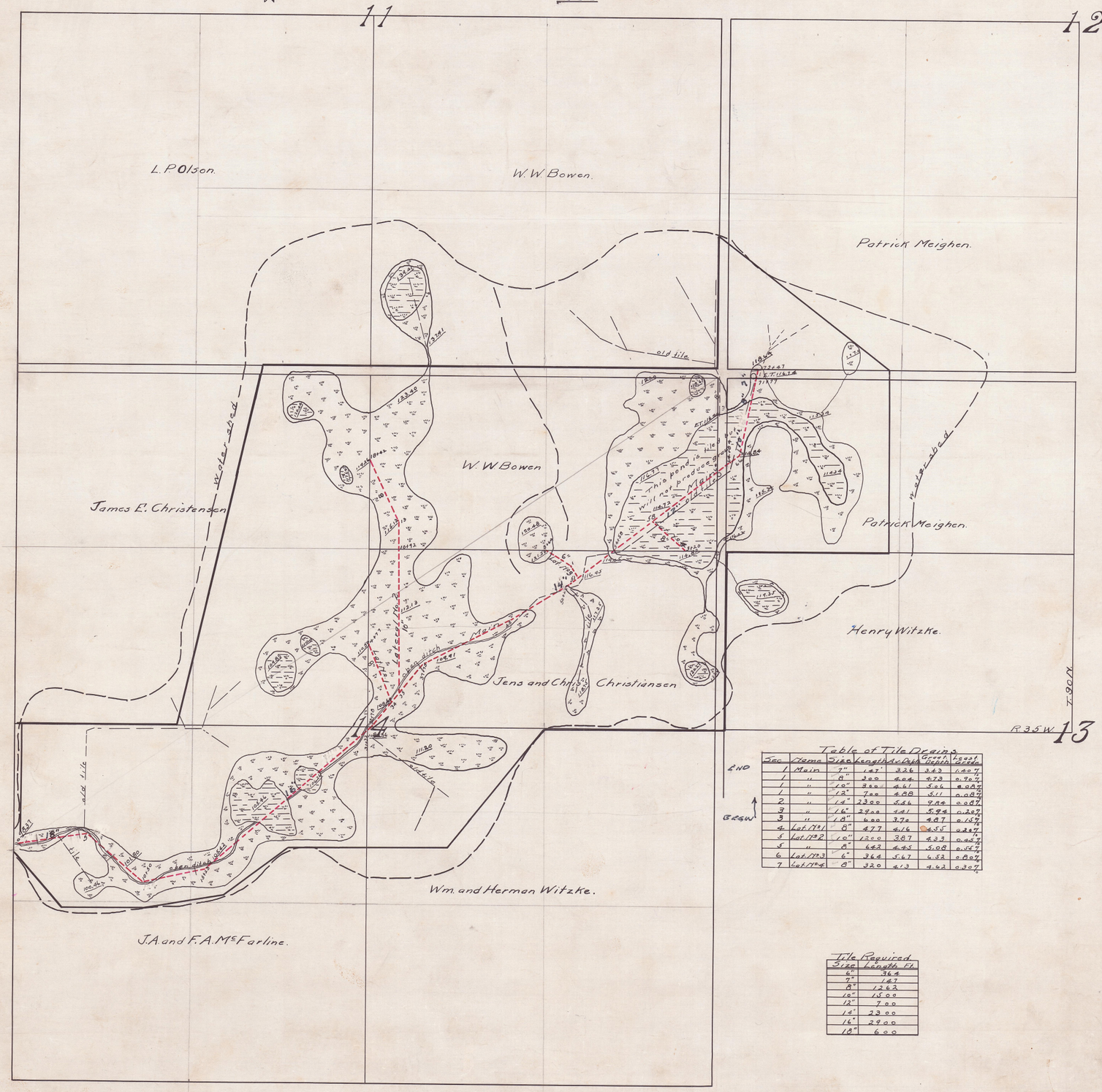

Table of Tile Drains

Sec	Name	Size	Length ft	Cap. Gpm	Grade Gpm	Grade %
1	Main	7"	142'	326	3.43	1.40%
1	"	8"	300	604	4.73	0.70%
1	"	10"	300	1.61	5.61	0.07%
1	"	12"	700	4.00	5.11	0.07%
2	"	14"	2300	5.66	4.94	0.07%
3	"	16"	2900	1.41	5.94	0.20%
3	"	18"	600	3.74	4.67	0.15%
4	Lat. 1791	8"	477	4.16	4.55	0.20%
5	Lat. 1792	10"	1200	3.07	4.23	0.20%
5	"	8"	642	4.45	5.08	0.15%
6	Lat. 1793	6"	364	5.67	4.52	0.80%
7	Lat. 1794	8"	320	4.13	4.62	0.30%

END

GRADE

Tile Required.

Size	Length ft.
6"	364
7"	167
8"	1262
10"	1500
12"	700
14"	2300
16"	2900
18"	600