JUL 15 1909

County Auditor

PLAT OF PROPOSED DRAINAGE DISTRICT NO. 19

PETITIONED FOR

BY

S. CROUSE & H.V. GEISINGER

BUENA VISTA COUNTY, IOWA

Scale 500'=1"

ENG'R.

LEGEND

Proposed Tile

Old Tile

Catch Basin

Wet Land

Swamp

Station Numbers 72

Elevations 122.50

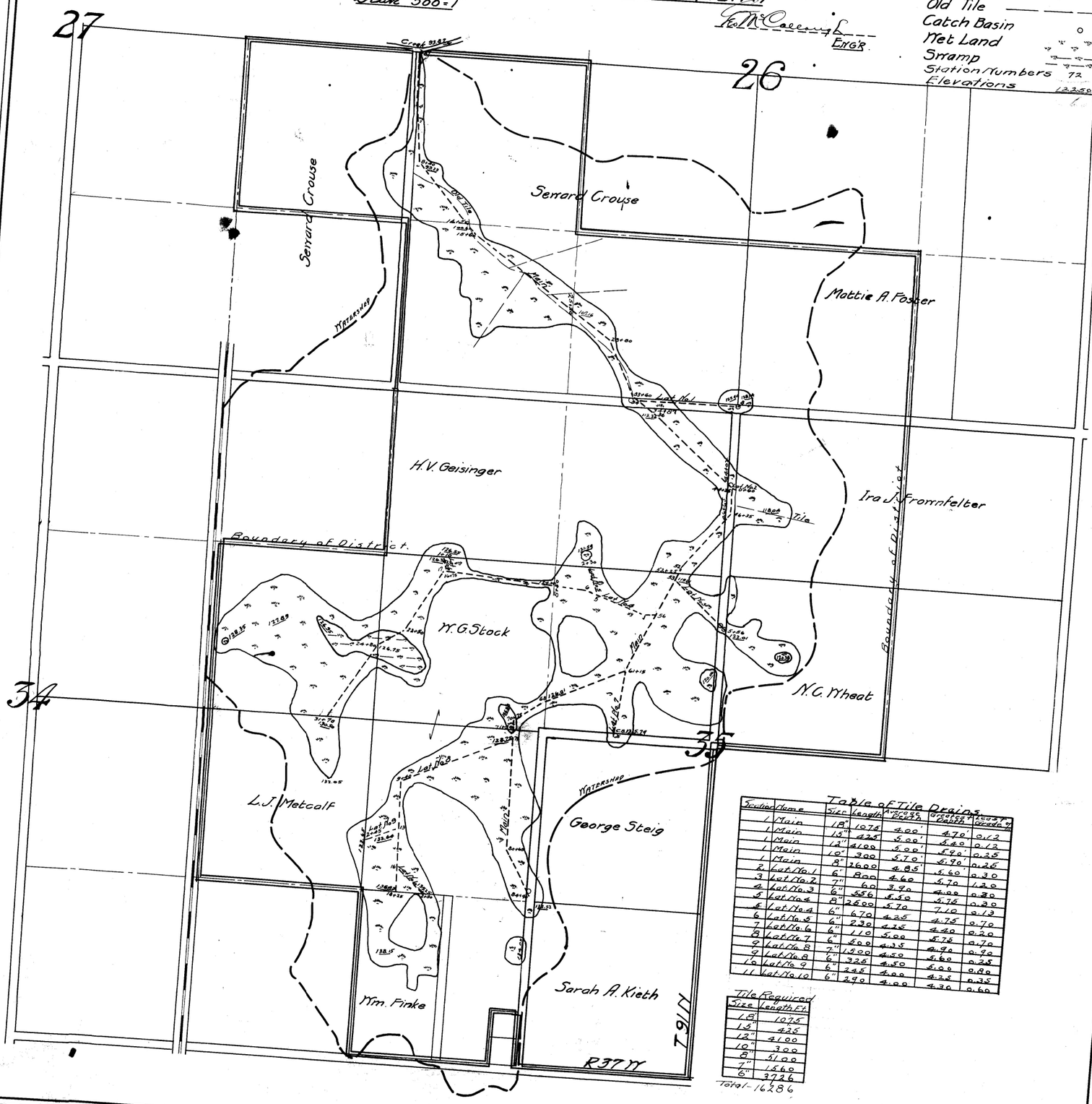

Table of Tile Drains

Section	Name	Size	Length	Average Depth	Greatest Depth	Least % Grade
1	Main	18"	1075	4.00'	4.70'	0.12
1	Main	15"	425	5.00'	5.40'	0.12
1	Main	12"	4100	5.00'	5.90'	0.25
1	Main	10"	300	5.70'	5.90'	0.25
1	Main	8"	2600	4.85'	5.60'	0.30
2	Lat. No. 1	6"	800	4.60	5.70	1.20
3	Lat. No. 2	7"	60	3.90	4.00	0.30
4	Lat. No. 3	6"	556	5.50	5.75	0.30
5	Lat. No. 4	8"	2500	5.70	7.10	0.13
5	Lat. No. 4	6"	670	4.25	4.75	0.70
6	Lat. No. 5	6"	230	4.25	4.40	0.20
7	Lat. No. 6	6"	110	5.00	5.75	0.70
8	Lat. No. 7	6"	500	4.35	4.90	0.90
9	Lat. No. 8	7"	1500	4.50	5.60	0.25
9	Lat. No. 8	6"	325	4.50	5.00	0.80
10	Lat. No. 9	6"	245	4.00	4.25	0.35
11	Lat. No. 10	6"	290	4.00	4.30	0.60

Tile Required

Size	Length Ft.
18"	1075
15"	425
12"	4100
10"	300
8"	5100
7"	1560
6"	3726

Total - 16286