

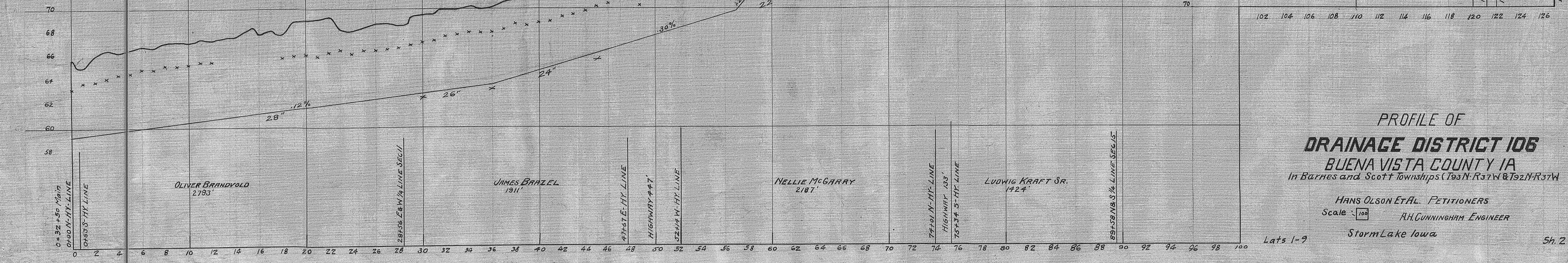
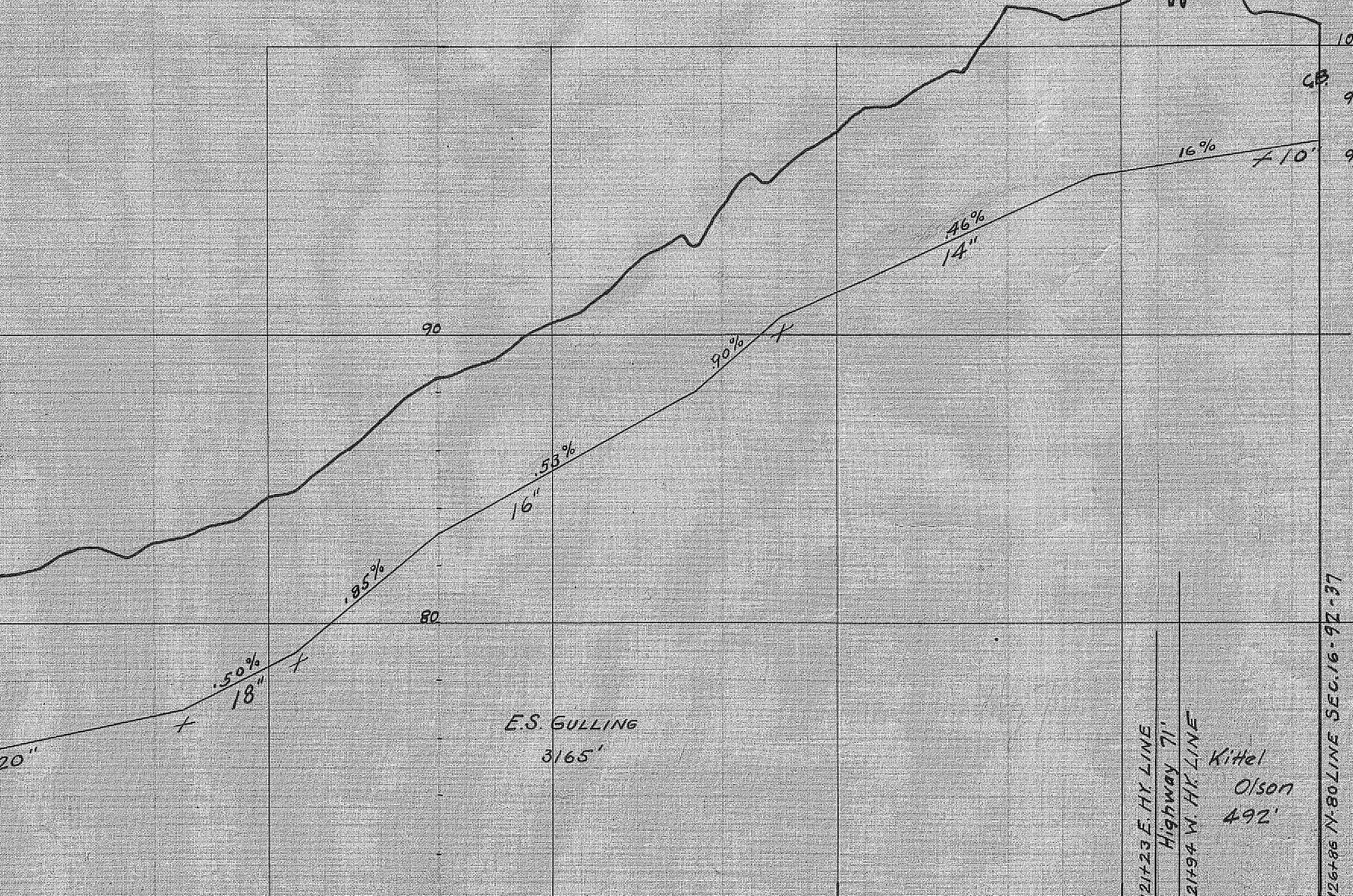
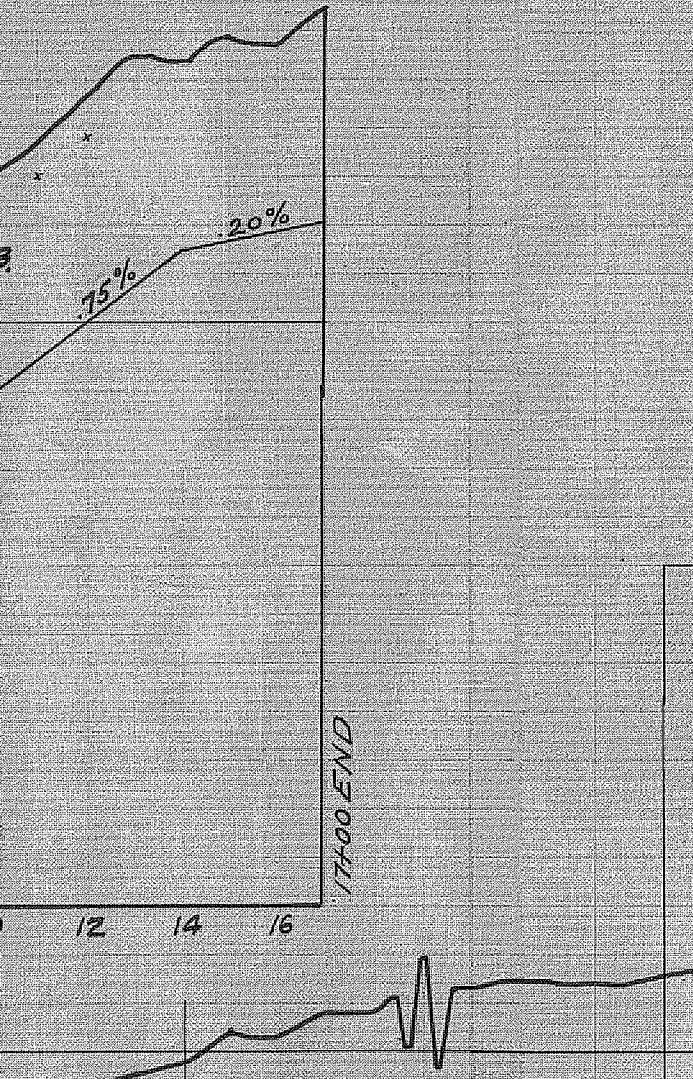
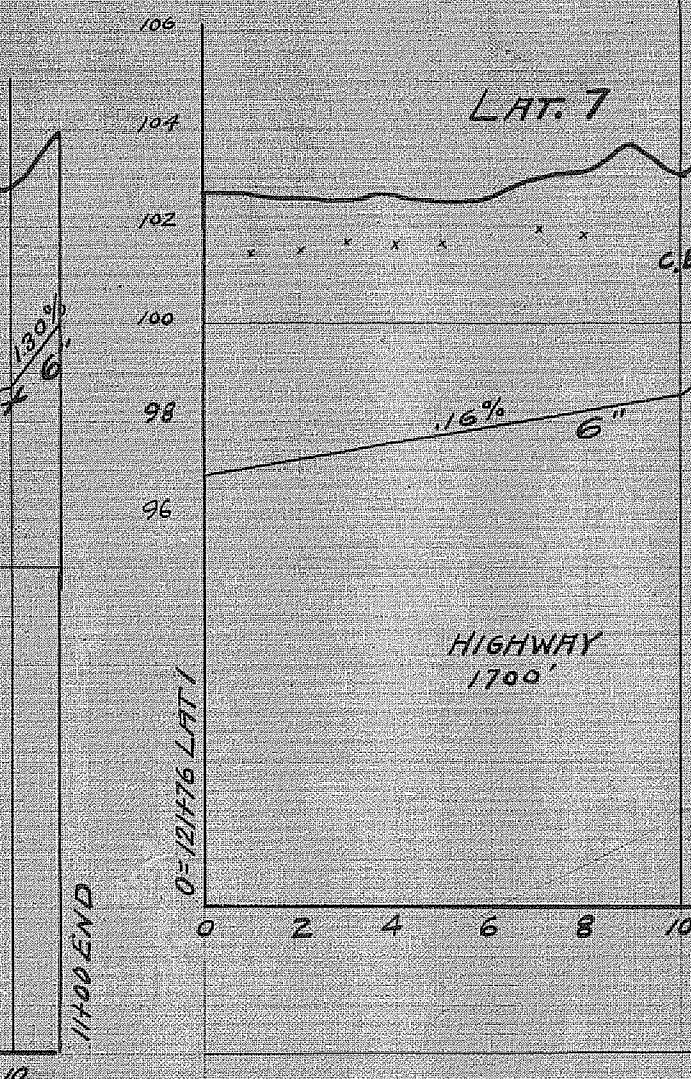
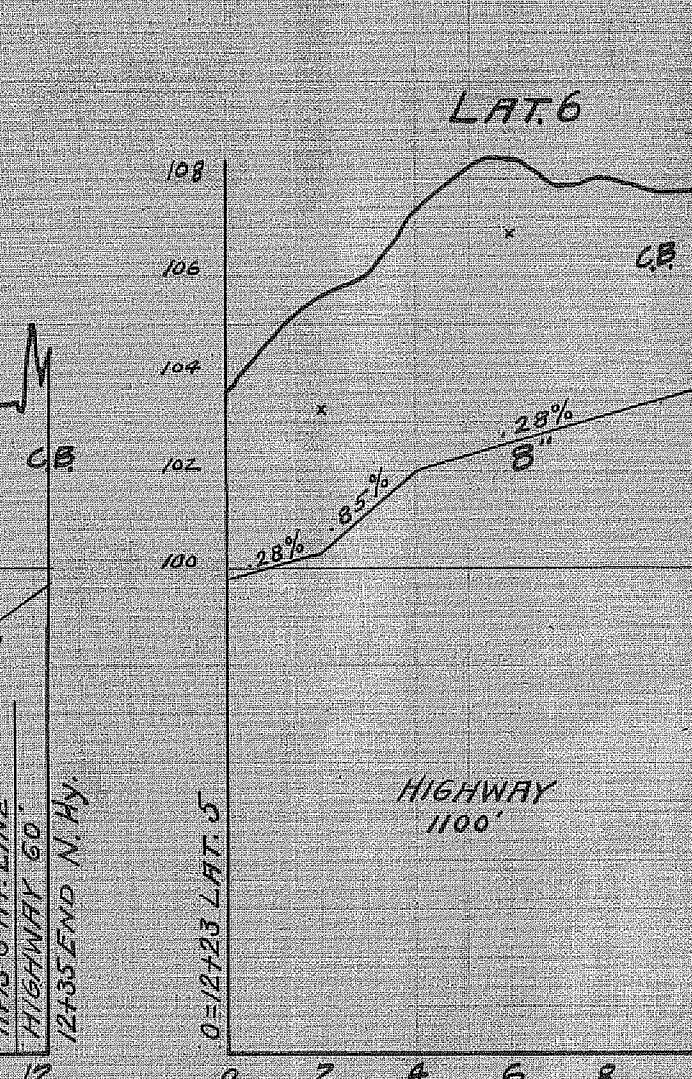
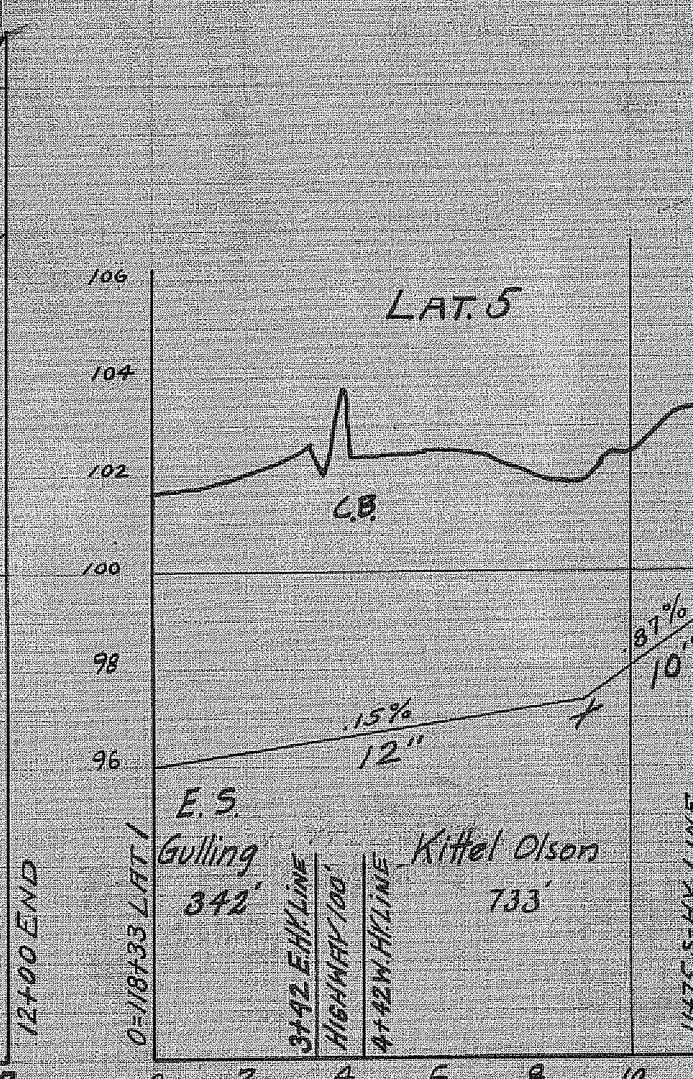
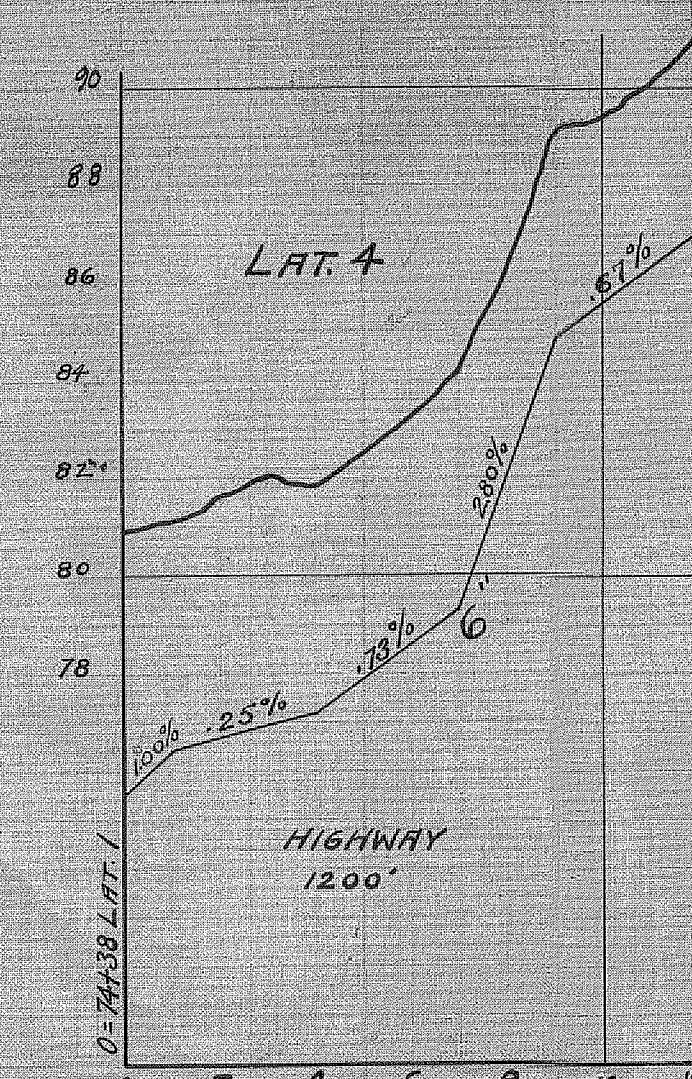
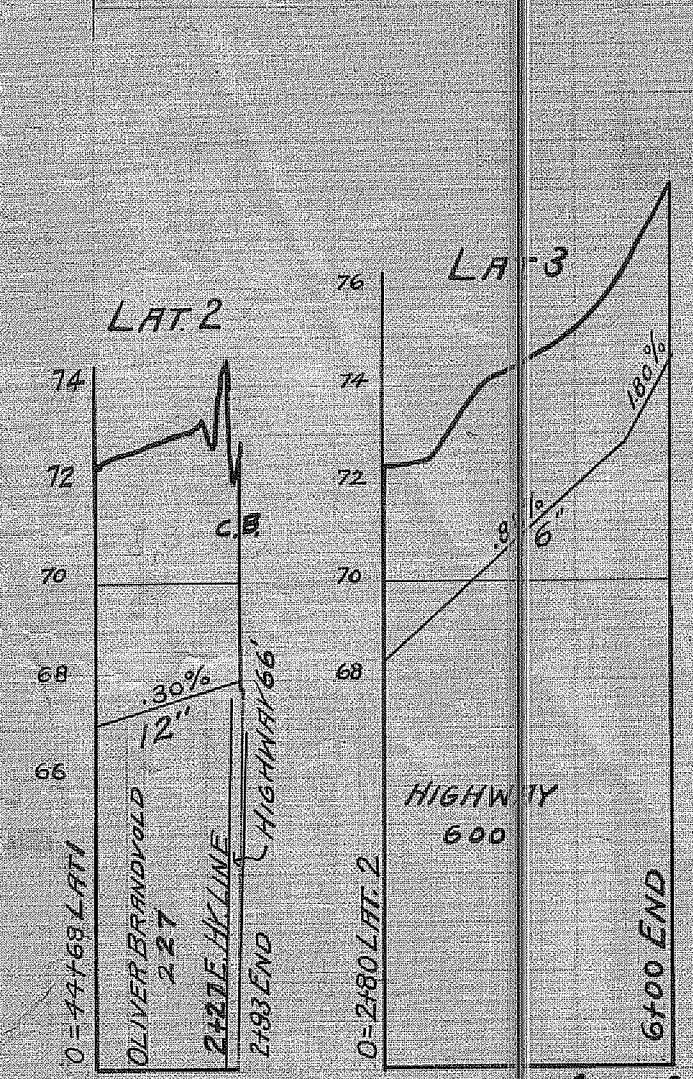
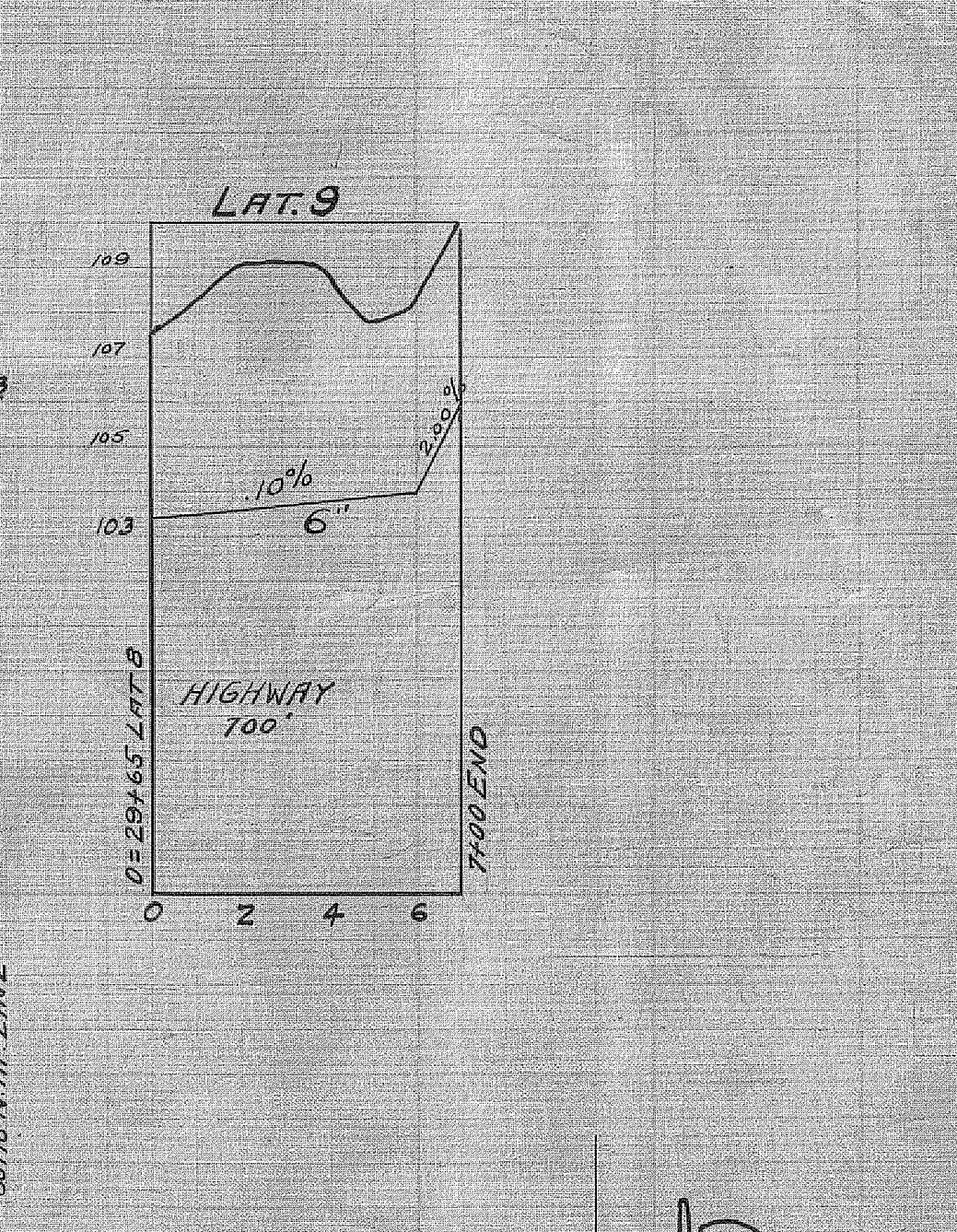
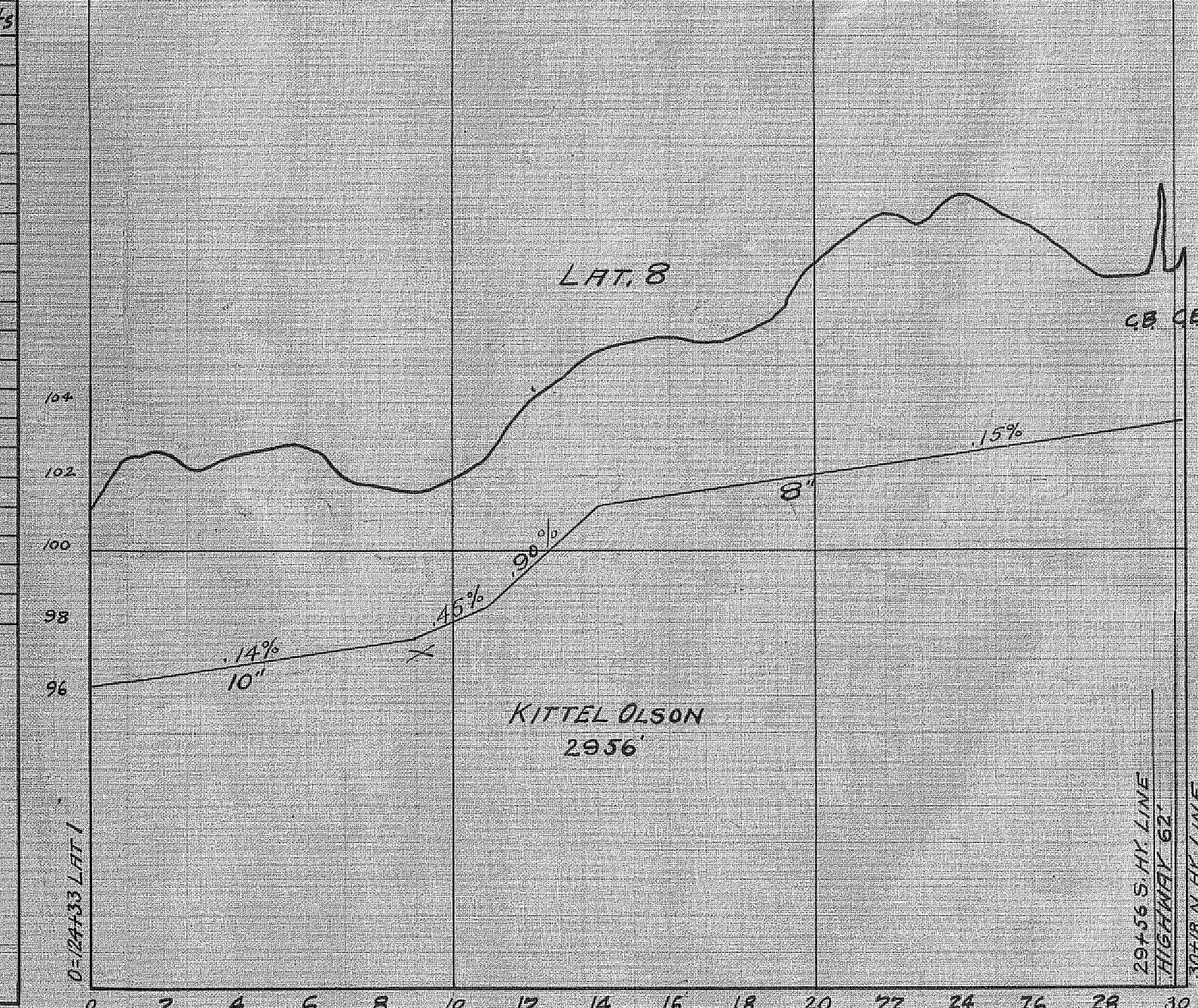
Sec.	Drain	Size	Length	Au. Dep.	Gr. Dep.	Inlets
1	Main	Open	10650	5.2	52950	Cu. Yd.
2	"	38"	1850	8.2	9.2	5
"	"	36"	2250	8.3	12.3	
"	"	32"	1600	8.7	7.5	
"	"	30"	700	6.1	7.5	
3	"	28"	1300	7.3	8.5	
"	"	26"	300	4.2	8.8	
"	"	24"	1200	7.7	9.2	
"	"	15"	1850	6.3	7.5	
"	"	12"	650	5.3	7.0	
"	"	8"	728	4.4	5.0	
4	Lat 1	28"	3000	8.8	7.4	4
"	"	26"	600	4.7	6.0	
"	"	24"	900	5.2	5.5	
"	"	22"	3100	6.3	7.1	
"	"	20"	1100	4.1	6.5	
"	"	18"	400	3.8	5.9	
"	"	16"	1700	3.4	5.8	
"	"	14"	1700	3.0	7.2	
"	"	10"	186	4.4	4.5	
6	Lat 2	12"	293	4.3	5.6	1
7	Lat 3	8"	600	4.2	4.0	
8	Lat 4	6"	1200	4.2	5.1	
9	Lat 5	12"	900	4.5	6.0	2
"	"	10"	335	4.5	4.7	
10	Lat 6	8"	1000	4.5	5.9	1
"	"	6"	100	4.0	4.1	
11	Lat 7	6"	1700	4.5	5.8	1
12	Lat 8	6"	900	4.1	6.1	2
"	"	8"	2118	4.0	7.0	
13	Lat 9	6"	700	4.7	5.5	

Sec.	Drain	Size	Length	Au. Dep.	Gr. Dep.	Inlets
14	Lat 10	24"	7000	6.4	9.9	6
15	"	22"	2700	6.3	8.0	
"	"	20"	500	6.8	7.5	
"	"	18"	1300	6.1	8.0	
"	"	16"	1100	6.1	8.0	
"	"	15"	1400	5.9	8.3	
"	"	14"	1400	5.4	6.0	
"	"	12"	475	4.6	4.9	
16	Lat 11	10"	1700	5.2	9.8	
"	"	8"	574	4.6	5.7	
17	Lat 12	6"	400	4.3	5.2	
18	Lat 13	14"	2067	5.7	6.8	2
19	Lat 14	8"	157	4.3	4.5	
20	Lat 15	8"	1600	4.5	6.2	1
21	Lat 16	20"	1100	6.1	6.9	2
"	"	14"	2800	6.0	7.4	
"	"	12"	1250	4.5	5.0	
"	"	10"	800	4.8	5.6	
"	"	6"	130	4.2	4.5	
22	Lat 17	14"	4854	5.2	7.6	1
23	Lat 18	6"	1300	4.6	6.1	
24	Lat 19	8"	1500	4.9	7.0	1
"	"	6"	200	4.1	4.5	
25	Lat 20	16"	1100	5.4	6.6	3
"	"	12"	2000	4.8	5.5	
"	"	10"	1316	4.7	4.8	
26	Lat 21	14"	1300	4.1	7.2	2
"	"	12"	1900	4.9	5.7	
"	"	8"	1300	4.4	5.1	
"	"	6"	819	4.8	6.1	
27	Lat 22	8"	1000	4.1	4.6	2
"	"	6"	642	4.1	4.3	

Sec.	Drain	Size	Length	Au. Dep.	Gr. Dep.	Inlets
28	Lat 23	8"	462	5.8	6.6	
29	Lat 24	18"	1700	5.2	5.6	2
"	"	16"	1200	5.0	5.6	
"	"	15"	1200	4.9	5.2	
"	"	12"	1000	4.9	5.2	
"	"	10"	650	4.6	5.5	
"	"	6"	2250	4.2	5.5	
30	Lat 25	6"	1400	4.6	6.6	1
31	Lat 26	6"	800	4.4	5.7	1
32	Lat 27	8"	58	4.6	5.3	1
33	Lat 28	8"	500	5.0	6.3	1
"	"	6"	500	5.7	6.4	
34	Lat 29	6"	900	4.8	6.2	
35	Lat 30	10"	400	4.9	5.3	2
"	"	7"	1068	4.6	5.1	
36	Lat 31	8"	51	4.5	4.9	1
37	Lat 32	Open	1878	5.4	5850	Cu. Yd.
38	"	36"	2950	6.8	7.8	7
"	"	30"	3200	8.5	11.5	
39	"	28"	900	8.5	6.2	
"	"	24"	3000	5.7	7.0	
"	"	16"	2500	6.5	9.1	
"	"	15"	2250	6.3	8.9	
"	"	16"	1350	6.6	8.8	
"	"	14"	700	5.1	5.5	
"	"	12"	800	4.5	4.9	
"	"	10"	600	5.0	7.5	
"	"	6"	1040	4.1	7.2	
40	Lat 33	8"	1126	4.4	5.1	1
41	Lat 34	5"	300	4.1	4.4	
42	Lat 35	5"	200	4.2	4.4	
43	Lat 36	10"	1612	4.4	4.9	1

Sec.	Drain	Size	Length	Au. Dep.	Gr. Dep.	Inlets
44	Lat 37	5"	100	4.0	4.0	
45	Lat 38	5"	700	4.0	4.2	
46	Lat 39	24"	550	6.3	6.6	6
"	"	26"	3150	6.5	7.4	
"	"	18"	1650	6.6	7.6	
"	"	24"	1850	6.4	7.9	
"	"	22"	3400	5.9	6.8	
"	"	18"	1600	4.7	5.4	
"	"	14"	1300	5.1	5.5	
"	"	12"	1550	5.6	6.8	
"	"	6"	850	4.5	5.5	
47	Lat 40	10"	520	5.3	6.9	3
"	"	8"	680	5.5	7.0	
"	"	6"	357	5.1	5.8	
48	Lat 41	5"	200	3.9	4.1	
49	Lat 42	5"	400	4.7	4.9	
50	Lat 43	6"	400	3.8	4.3	
"	"	5"	200	4.1	4.3	
51	Lat 44	5"	200	3.6	3.7	
52	Lat 45	6"	1400	4.2	5.0	1
53	Lat 46	10"	1500	6.1	7.5	1
"	"	7"	1398	4.8	5.5	
54	Lat 47	6"	370	5.6	6.3	
55	Lat 48	5"	600	4.1	4.6	
56	Lat 49	10"	500	5.0	5.3	3
"	"	8"	850	4.3	4.8	
"	"	10"	950	5.8	6.5	
"	"	8"	1400	4.7	7.8	
"	"	6"	500	3.9	4.4	
"	"	5"	500	3.9	4.2	
57	Lat 50	5"	400	3.9	4.8	
58	Lat 51	7"	971	4.4	5.5	

Sec.	Drain	Size	Length	Au. Dep.	Gr. Dep.	Inlets
59	Lat 52	12"	282	5.3	5.4	1
60	Lat 53	7"	642	4.3	4.8	
61	Lat 54	8"	373	4.7	5.5	
62	Lat 55	12"	700	4.8	5.0	1
"	"	10"	1860	5.0	5.9	
63	Lat 56	6"	826	4.5	5.3	1
64	Lat 57	8"	700	4.4	5.3	1
"	"	6"	682	4.1	4.4	
65	Lat 58	10"	1400	5.1	7.5	1
66	Lat 59	6"	53	4.2	4.3	
67	Lat 60	10"	700	4.6	6.0	1
"	"	6"	200	4.5	4.9	
68	Lat 61	10"	900	5.2	6.3	1
69	Lat 62	12"	150	7.3	7.9	1



PROFILE OF
DRAINAGE DISTRICT 106
BUENA VISTA COUNTY IA
 In Barnes and Scott Townships (T93N-R37W & T92N-R37W)
 HANS OLSON ET AL. PETITIONERS
 Scale: 1"=100' A.H. CUNNINGHAM ENGINEER
 Storm Lake Iowa
 Sh. 2