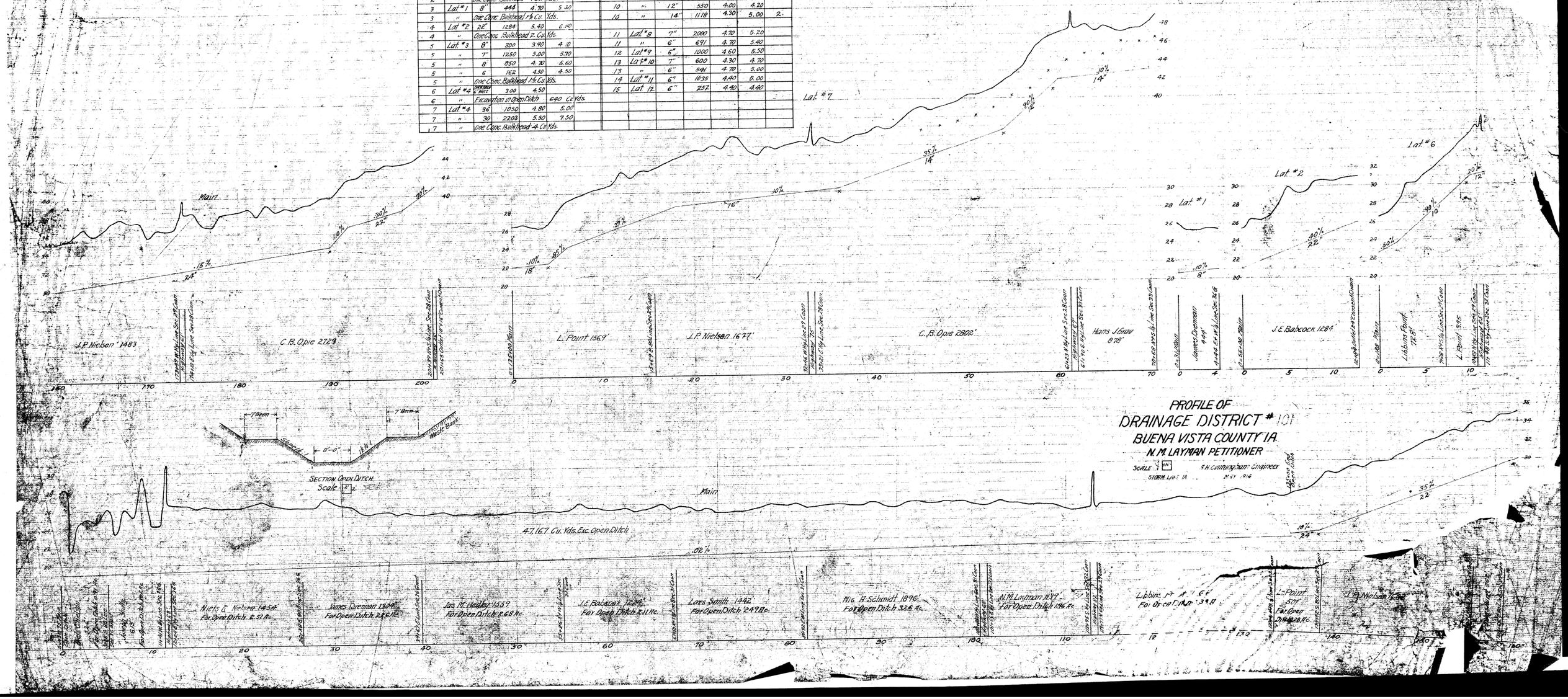
TABLE OF DRAINS

Section	Drain	Size	Length Ft.	Ave. Dep.	Gr. Dep.	Catch Basins
1	Main	Excavation in Open Ditch	13500	5.70		
1	"	Excavation in Open Ditch			47,167 Cu. Yds.	
2	"	24"	300	4.80	5.50	
2	"	22"	2150	5.40	6.10	
2	"	24"	3050	5.70	6.00	
2	"	22"	1165	5.60	6.20	1
2	"	One Conc. Bulkhead 4 Cu. Yds.				
3	Lat #1	8"	444	4.70	5.20	
3	"	One Conc. Bulkhead 1½ Cu. Yds.				
4	Lat #2	22"	1284	5.40	6.40	
4	"	One Conc. Bulkhead 2 Cu. Yds.				
5	Lat #3	8"	300	3.90	4.10	
5	"	7"	1250	5.00	5.70	
5	"	8"	850	4.70	5.60	
5	"	6"	162	4.50	4.50	
5	"	One Conc. Bulkhead 1½ Cu. Yds.				
6	Lat #4	Tile & Out.	300	4.50		
6	"	Excavation in Open Ditch			690 Cu. Yds.	
7	Lat #4	36"	1050	4.80	5.00	
7	"	30"	2203	5.50	7.50	
7	"	One Conc. Bulkhead 4 Cu. Yds.				

TABLE OF DRAINS

Section	Drain	Size "	Length Ft.	Av. Dep	Gr. Dep.	Catch Basins
8	Lat #5	18"	1538	4.50	5.00	
9	Lat #6	10"	950	4.60	5.50	
9	"	12	198	4.80	5.60	1
9	"	One Conc. Bulkhead 1½ Cu. Yds.				
10	Lat #7	18"	400	4.30	4.50	
10	"	16"	3200	5.40	6.20	
10	"	14"	1800	4.50	5.50	
10	"	12"	550	4.00	4.20	
10	"	14"	1118	4.30	5.00	2
11	Lat #8	7"	2000	4.70	5.20	
11	"	6"	691	4.70	5.40	
12	Lat #9	6"	1000	4.60	5.50	
13	Lat #10	7"	600	4.30	4.70	
13	"	6"	541	4.70	5.00	
14	Lat #11	6"	1035	4.40	5.00	
15	Lat 12	6"	252	4.40	4.40	



PROFILE OF
DRAINAGE DISTRICT # 131
BUENA VISTA COUNTY IA.
N.M. LAYMAN PETITIONER

SCALE 1" = 100'
STORM LAKE IA.
F.N. Cunningham Engineer
MAY 1914