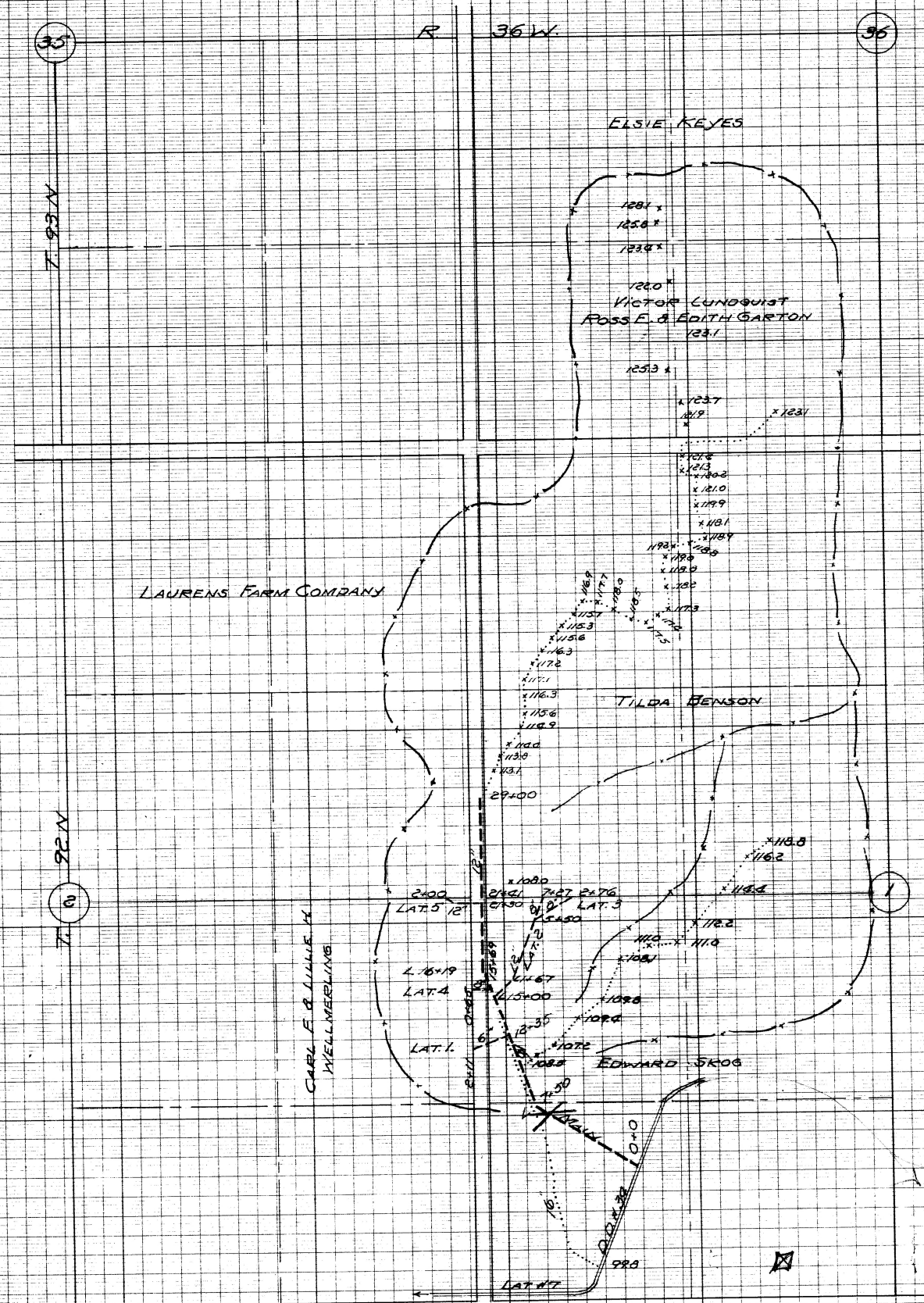




**PLAT AND PROFILE
DRAINAGE DISTRICT NO. 166**

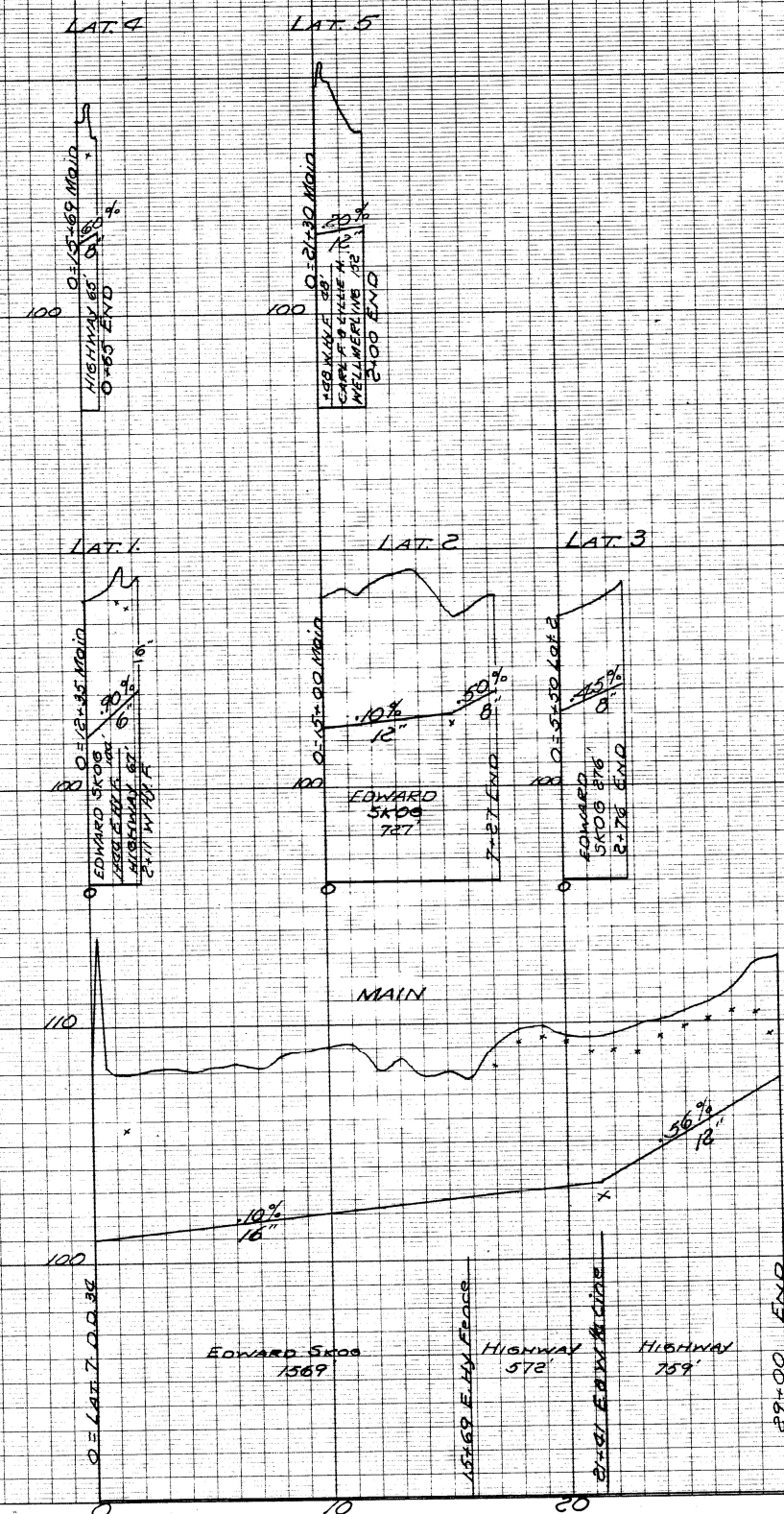
BUENA VISTA COUNTY IOWA

CARL F. WELLMERLING ET AL.
SCALE 1" = 500'

PETITIONERS
FEBRUARY, 1990

A.H. CUNNINGHAM, ENGR.

TABLE OF DRAINS				
Drain	Size	Length	Avg Depth	Gr Depth
MAIN	12" - 18"	Outlet Pipe		
"	16"	2150'	6.60	12.60
"	12"	730'	3.20	6.00
LAT #1	6"	211'	5.00	5.00
LAT #2	12"	350'	5.70	6.20
"	8"	177'	4.00	4.20
LAT #3	8"	276'	4.00	4.30
LAT #4	8"	65'	5.00	5.50
LAT #5	12"	200'	5.20	6.20
6 Intakes				



ENGINEER'S PROFILE
PLATE A
DRAINAGE DISTRICT NO. 166