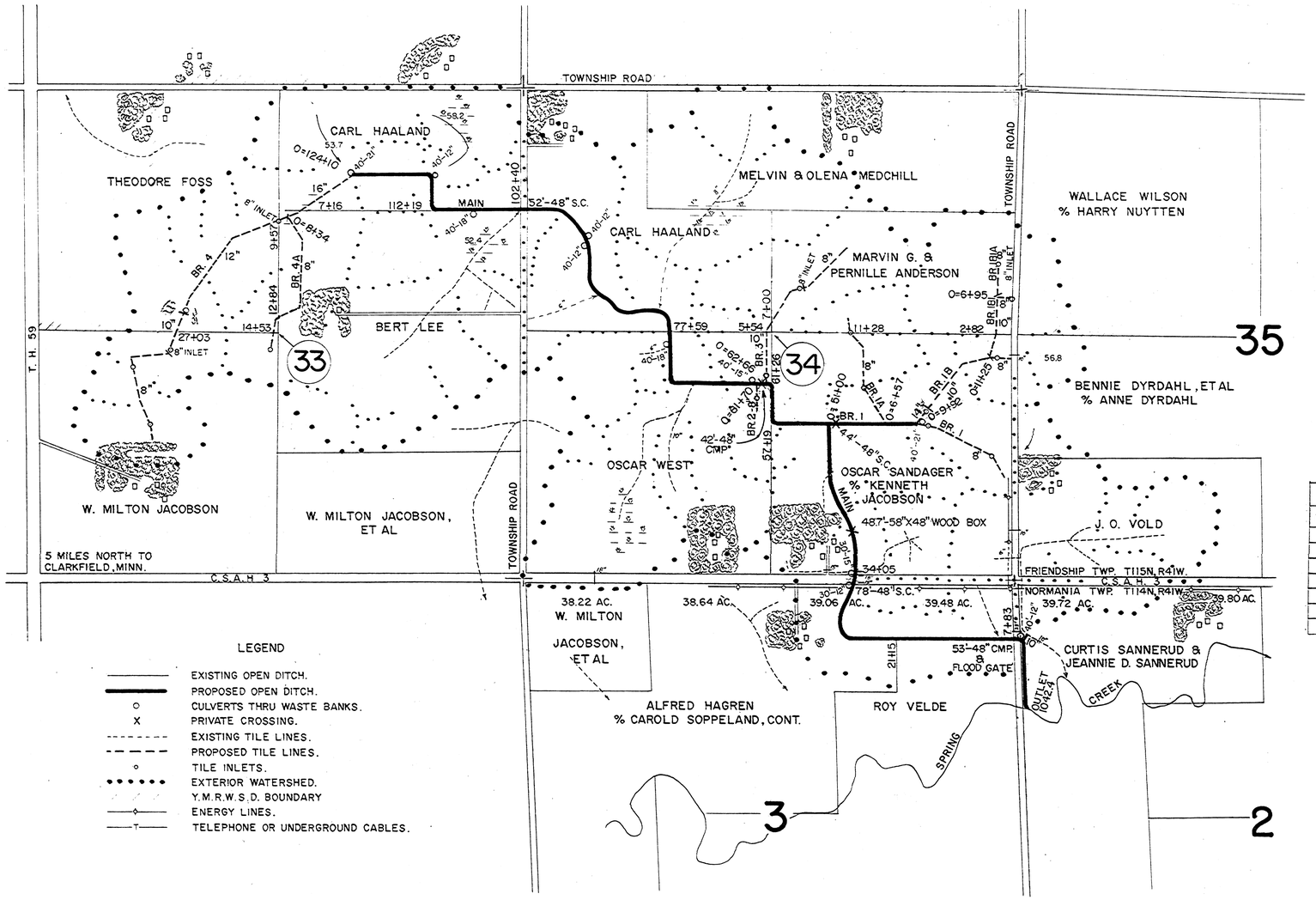
Plans as Constructed
Rec'd - Gene 29-86

PLANS
DITCH NO. 2
YELLOW MEDICINE RIVER
WATERSHED DISTRICT
MINNESOTA



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SHEET NO. 1 PLAT, INDEX & ESTIMATED QUANTITIES.
SHEET NO. 2 PROFILE OF MAIN, BRANCHES 1, 1A, 1B, 1B1, 1B1A, 2, 3, 4 & 4A.
SHEET NO. 3 DETAILS OF OPEN DITCH, OUTLET PIPE & TILE INLETS.

LEGEND

- EXISTING OPEN DITCH.
- PROPOSED OPEN DITCH.
- ○ CULVERTS THRU WASTE BANKS.
- X PRIVATE CROSSING.
- EXISTING TILE LINES.
- PROPOSED TILE LINES.
- ∘ TILE INLETS.
- EXTERIOR WATERSHED.
- Y.M.R.W.S.D. BOUNDARY
- ENERGY LINES.
- TELEPHONE OR UNDERGROUND CABLES.

ESTIMATED QUANTITIES

OPEN DITCH						
BRANCH	STA.	TO STA.	LENGTH	BOTTOM	CUBIC YARDS
MAIN	0	124+10	12,410'	4'	70,561.
1	0	10+17	1,017'	4'	7,143
		TOTAL	13,427'		77,704
CLOSE 1,552' OF EXISTING OLD DITCH					
FURNISH AND SEED 2 TO 1 SIDE SLOPES 15.7 ACRES					
FURNISH AND SEED 15' BERM - 9.0 ACRES					

CLEARING AND GRUBBING					
BRANCH	SECTION	TWP	RANGE	TREES OPEN DITCH	TREES TILE LINES
MAIN	2	114 N	41 W	35	
MAIN	33	115 N	41 W	7	
3	34	115 N	41 W		1
4	33	115 N	41 W		129
TOTAL				42	130

HIGHWAY CULVERTS			
NUMBER	TOTAL LENGTH	SIZE	TYPE
2	130'	48"	S.C.II
* 1	20'	48"	CMP 12GA
1 RELAY	33'	48"	CMP
1 BAND		48"	CMP 16GA
HIGHWAY CROSSINGS TO INCLUDE MECHANICAL COMPACTION			
*FLOOD GATE FOR 48" CMP			

CULVERTS			
NUMBER	TOTAL LENGTH	SIZE	TYPE
1	44'	48"	S.C.II
1	22'	48"	CMP 12GA
1 RELAY	20'	48"	CMP
1 BAND		48"	CMP 16 GA
2	80'	21"	CMP 16 GA
2 BANDS		21"	CMP 16 GA
2	80'	18"	CMP 16 GA
2 BANDS		18"	CMP 16 GA
2	70'	15"	CMP 16 GA
1 BAND		15"	CMP 16 GA
5	190'	12"	CMP 16 GA
4 BANDS		12"	CMP 16 GA
1 RELAY	4'	18"	S.C.

OUTLETS			
NUMBER	TOTAL LENGTH	SIZE	TYPE
* 1	20'	18"	CMP 16 GA
* 1	20'	15"	CMP 16 GA
* 2	40'	12"	CMP 16 GA
* 3	60'	10"	CMP 16 GA
3 RELAY	48'	12"	CMP
1	10'	10"	CMP 16 GA
2 RELAY	26'	10"	CMP
1 BAND		10"	CMP 16 GA
1 RELAY	16'	8"	CMP
1	10'	8"	CMP 16 GA
1 RELAY	10'	8"	CMP
1 BAND		8"	CMP 16 GA
* WITH FLAP GATES			

TILE WORK			
SIZE	LENGTH	AVE. DEPTH	INLETS
16"	814'	6.1'	8"—4
12"	1,846'	5.1'	6"—13
10"	3,310'	5.7'	
8"	7,160'	4.4'	
TOTAL	13,130'		

TED L. CHAMBERLAIN, ENGINEER, MONTEVIDEO, MINNESOTA

MAPPING	C. G.	1-72	DESIGN	G. S.	10-73
PRELIM. SURVEY	J. D.	12-71	DRAFTING	J. E.	8-74
DESIGN	J. D.	2-72	REVISED		
DRAFTING	J. D.	2-72	CONST. SURVEY	S.S.T.	74
FINAL SURVEY			CORRECTED PLAN	L. T.	3-83
PLANS CORRECTED TO SHOW DITCH AS CONSTRUCTED					

Ted L. Chamberlain
Jan 24, 1986 3899

DITCH NO. 2, YELLOW MEDICINE RIVER WATERSHED DISTRICT, MINNESOTA

PLAT, INDEX & ESTIMATED QUANTITIES

SHEET NO. 1