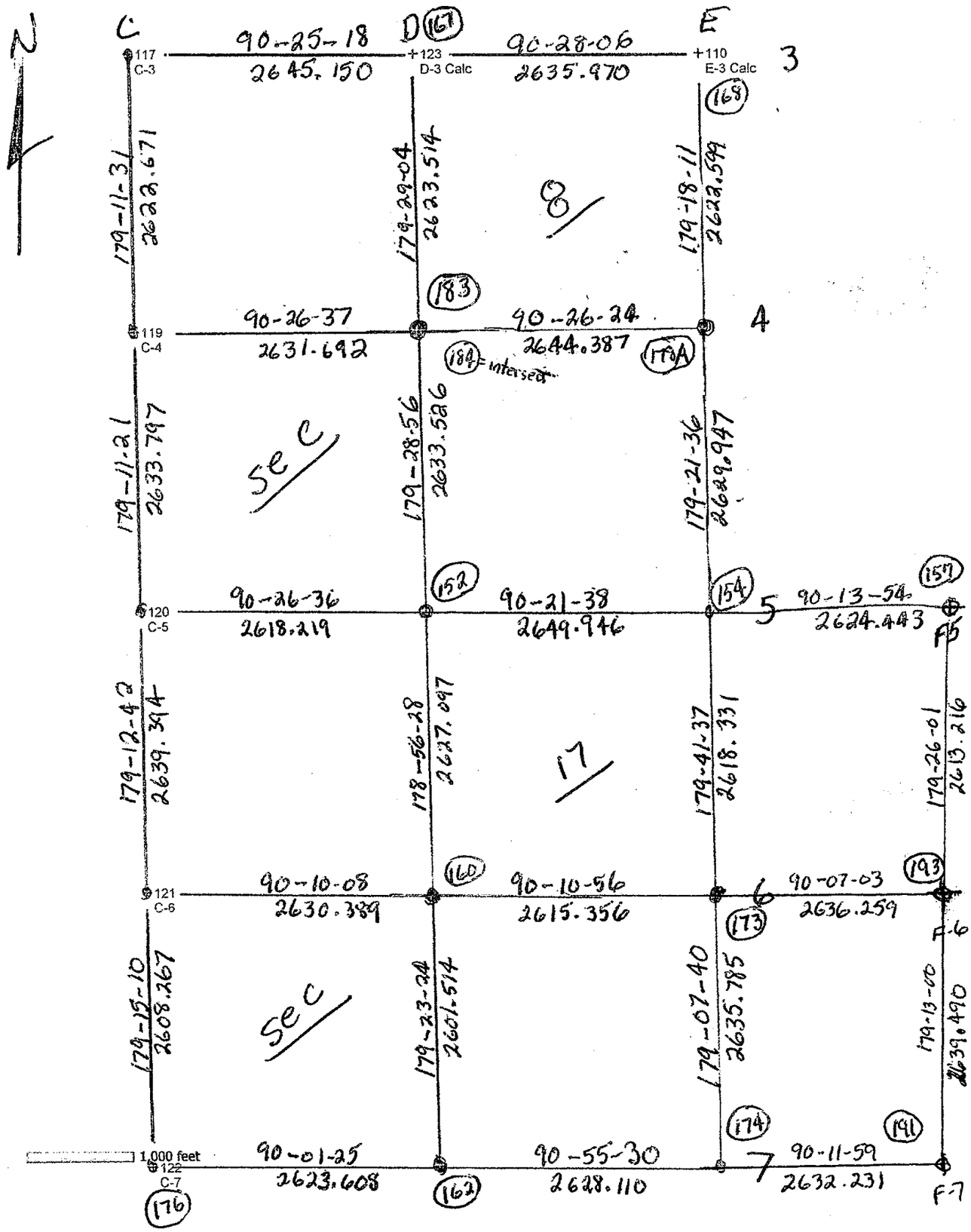
ING.8+17.JOB October 17, 2008

Coordinate Report

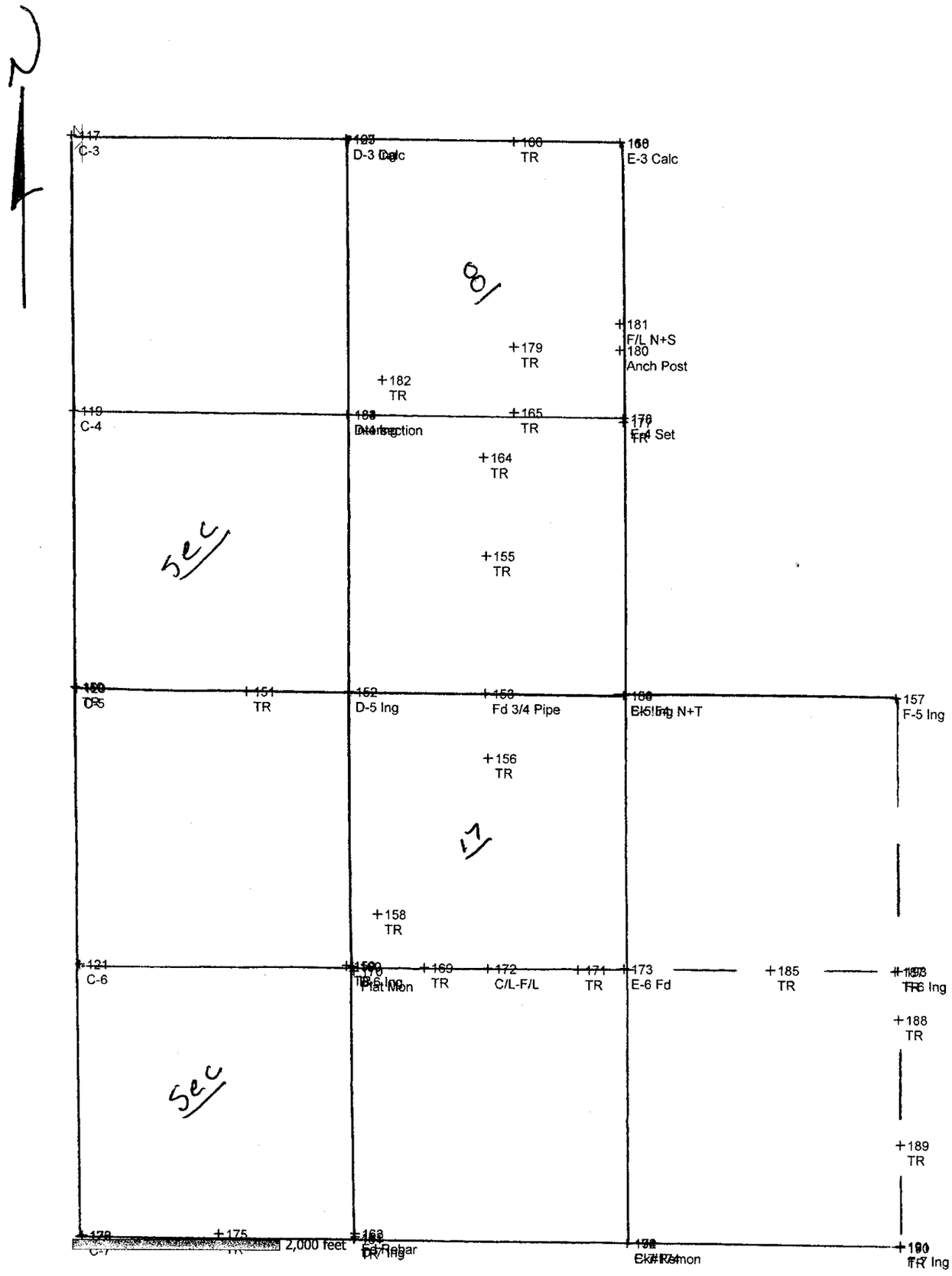
Pt Name	Northing	Easting	Desc.
178A	9,959.320	15,275.922	Cogo
110	12,581.398	15,243.977	E-3 Calc
117	12,622.410	9,963.017	C-3
119	10,000.000	10,000.000	C-4
120	7,366.466	10,037.266	C-5
121	4,727.322	10,073.580	C-6
122	2,119.277	10,107.594	C-7
123	12,602.944	12,608.095	D-3 Calc
150	7,378.114	10,022.289	TR
151	7,342.858	11,672.298	TR
152	7,346.211	12,655.406	D-5 Ing
153	7,337.988	13,973.671	Fd 3/4 Pipe
154	7,329.537	15,305.299	E-5 Ing N+T
155	8,648.835	13,972.155	TR
156	6,719.396	14,002.004	TR
157	7,318.925	17,929.720	F-5 Ing
158	5,218.963	12,941.804	TR
159	4,724.398	12,645.197	TR
160	4,719.563	12,703.958	D-6 Ing
161	2,099.978	12,722.622	TR
162	2,118.196	12,731.656	D-7 Ing
163	2,151.254	12,731.181	Fd Rebar
164	9,581.657	13,945.450	TR
165	10,007.270	14,236.439	TR
166	12,589.948	14,223.155	TR
167	12,603.038	12,608.004	D-3 Ing
168	12,581.725	15,244.023	E-3
169	4,711.261	13,392.302	TR
170	4,674.451	12,716.439	Plat Mon
171	4,700.633	14,874.407	TR
172	4,706.907	14,004.705	C/L-F/L
173	4,711.244	15,319.301	E-6 Fd
174	2,075.764	15,359.424	E-7 Remon
175	2,136.731	11,419.640	TR
176	2,118.744	10,108.048	C-7
177	9,922.751	15,288.350	TR
178	9,959.205	15,290.922	E-4 Set
179	10,635.854	14,231.529	TR
180	10,613.058	15,249.880	Anch Post
181	10,862.585	15,248.583	F/L N+S
182	10,310.176	12,962.550	TR
183	9,979.630	12,631.613	D-4 Ing
184	9,979.713	12,631.661	Intersection
185	4,705.933	16,729.867	TR
186	7,329.495	15,305.250	Ck !54
187	4,701.135	17,930.769	TR
188	4,238.514	17,964.699	TR
189	3,035.990	17,984.309	TR
190	2,050.688	17,991.981	TR
191	2,066.593	17,991.639	F-7 Ing
192	2,075.979	15,359.470	Ck#174
193	4,705.837	17,955.554	F-6 Ing

Sections 8 + 17

Ingham Twp.



Ing. 8+17

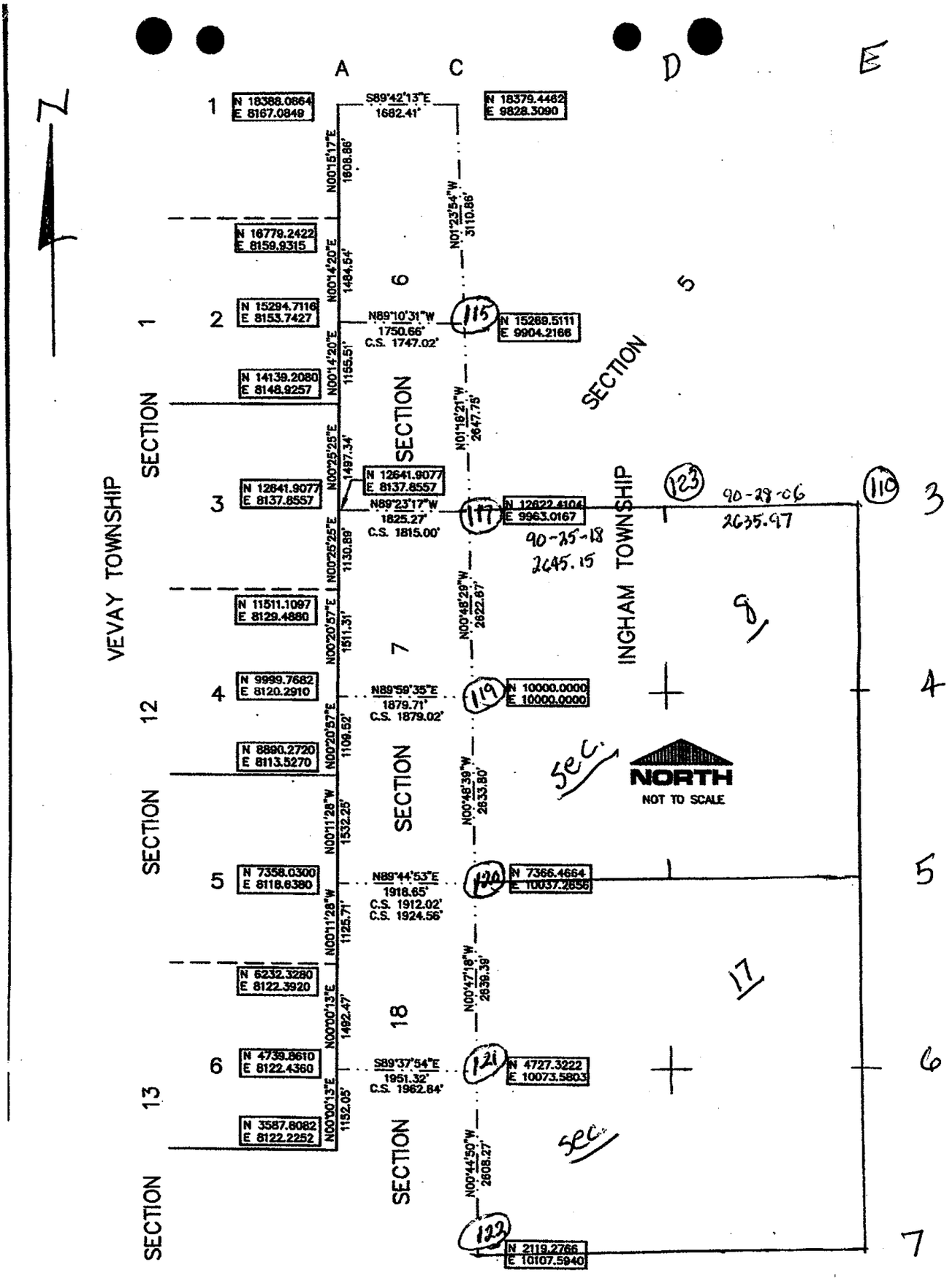

C-3
D-3 Calc
TR
E-3 Calc
181
F/L N+S
180
Anch Post
179
TR
182
TR
C-4
Intersection
165
TR
Fd Set
TR
164
TR
155
TR
151
TR
152
D-5 Ing
Fd 3/4 Pipe
156
TR
F-5 Ing
158
TR
C-6
Plat Mon
169
TR
172
C/L-F/L
171
TR
E-6 Fd
185
TR
TR
Ing
188
TR
189
TR
175
TR
2,000 feet
Fd Rebar
Ing
Ing

Ing. 8+17

ING.8+17.JOB April 26, 2008

Coordinate Report
Based on Barrish's co-ordinates
from 2006 in Sections 7 + 18
Added 100 to his point numbers.

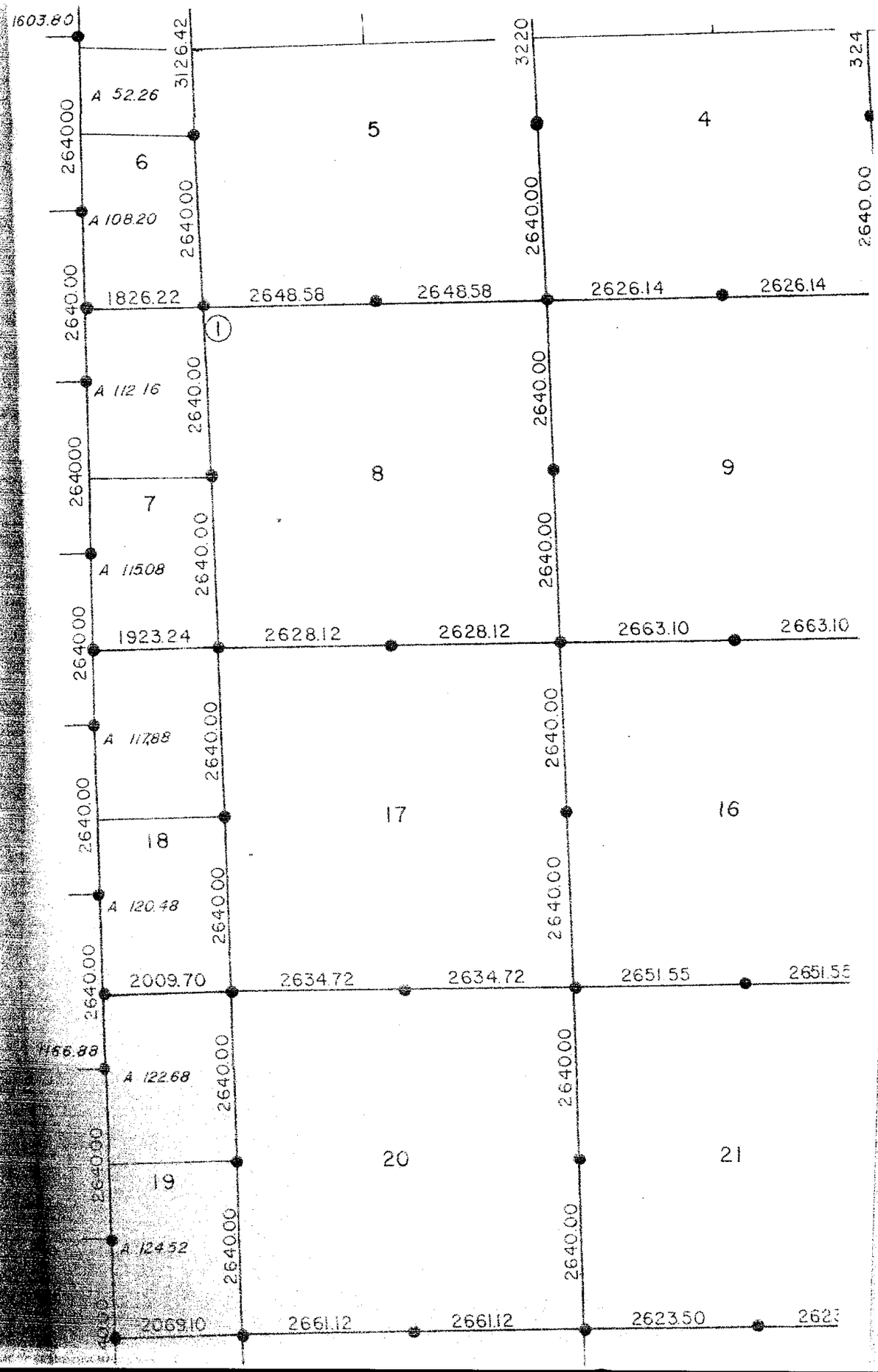
Pt Name	Northing	Easting	Desc.
110	12,581.398	15,243.977	E-3 Calc
117	12,622.410	9,963.017	C-3
119	10,000.000	10,000.000	C-4
120	7,366.466	10,037.266	C-5
121	4,727.322	10,073.580	C-6
122	2,119.277	10,107.594	C-7
123	12,602.944	12,608.095	D-3 Calc



A
C
D
E
N
1
2
3
4
5
6
7
N 18388.0864
E 8167.0849
S89°42'13"E
1682.41'
N 18379.4462
E 9828.3090
N00°15'17"E
1608.86'
N01°23'54"W
3110.86'
N 16779.2422
E 8159.9315
N00°14'20"E
1484.54'
N 15294.7116
E 8153.7427
N89°10'31"W
1750.66'
C.S. 1747.02'
115
N 15269.5111
E 9904.2166
N00°14'20"E
1155.51'
N 14139.2080
E 8148.9257
N01°18'21"W
2647.75'
N00°25'25"E
1497.34'
N 12641.9077
E 8137.8557
N 12641.9077
E 8137.8557
N89°23'17"W
1825.27'
C.S. 1815.00'
117
N 12622.4104
E 9963.0167
123
90-28-06
2635.97
110
90-25-18
2645.15
N00°25'25"E
1130.89'
N 11511.1097
E 8129.4880
N00°20'57"E
1511.31'
N00°48'29"W
2622.67'
N 9999.7682
E 8120.2910
N89°59'35"E
1879.71'
C.S. 1879.02'
119
N 10000.0000
E 10000.0000
N00°20'57"E
1109.52'
N 8890.2720
E 8113.5270
N00°48'39"W
2633.80'
N00°11'28"W
1532.25'
N 7358.0300
E 8118.6380
N89°44'53"E
1918.65'
C.S. 1912.02'
C.S. 1924.56'
120
N 7366.4664
E 10037.2656
N00°11'28"W
1125.71'
N 6232.3280
E 8122.3920
N00°47'18"W
2639.39'
N00°00'13"E
1492.47'
N 4739.8610
E 8122.4360
S89°37'54"E
1951.32'
C.S. 1962.84'
121
N 4727.3222
E 10073.5803
N00°00'13"E
1152.05'
N 3587.8082
E 8122.2252
N00°44'50"W
2608.27'
122
N 2119.2766
E 10107.5940
VEVAY TOWNSHIP
INGHAM TOWNSHIP
SECTION 1
SECTION 12
SECTION 13
SECTION 6
SECTION 7
SECTION 18
SECTION 5
sec.
sec.
NORTH
NOT TO SCALE

GLO - Polaris - 1978

Ingham Twp.



MONUMENTED CORNER REPORT

TECH. SUP'R. L BRYAN TOWNSHIP INGHAM

COMPANY POLARIS CORNER CODE E-5

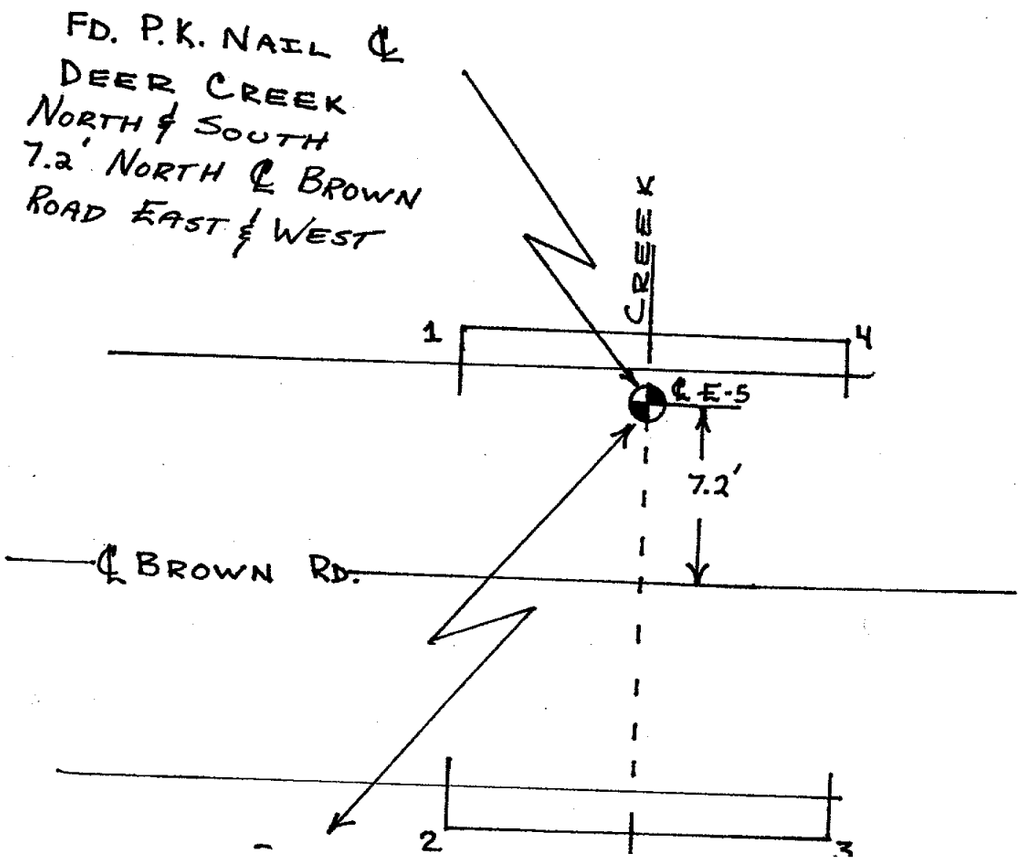
FIELD SQUAD 11 C EVERITT RECORDED CORNER

DATE 11-15-78 ROAD NAME BROWN

Sketch, witness, and describe monuments found, and location relative to traverse point and centerline of road.

N

FD. P.K. NAIL USED AS E-5 & T.P. 11055
7.2' N. ℄ BROWN RD.. CHECKED AND USED
WITNESSES FROM LIBER #3 PG. #480



TRAVERSE POINT WITNESS REPORT

Traverse Point No. 11055

Tech. Sup'r. LARRY BRYAN

Company POLARIS

Field Squad LYON #3

Township INGHAM

Recorded Corner Code E-5

Date 4-13-78

N

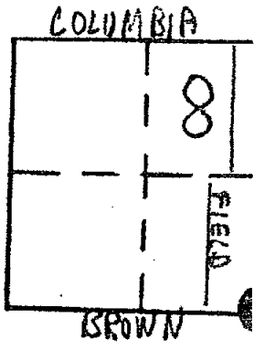
Sketch and describe roads, monuments found or set, and witness established:

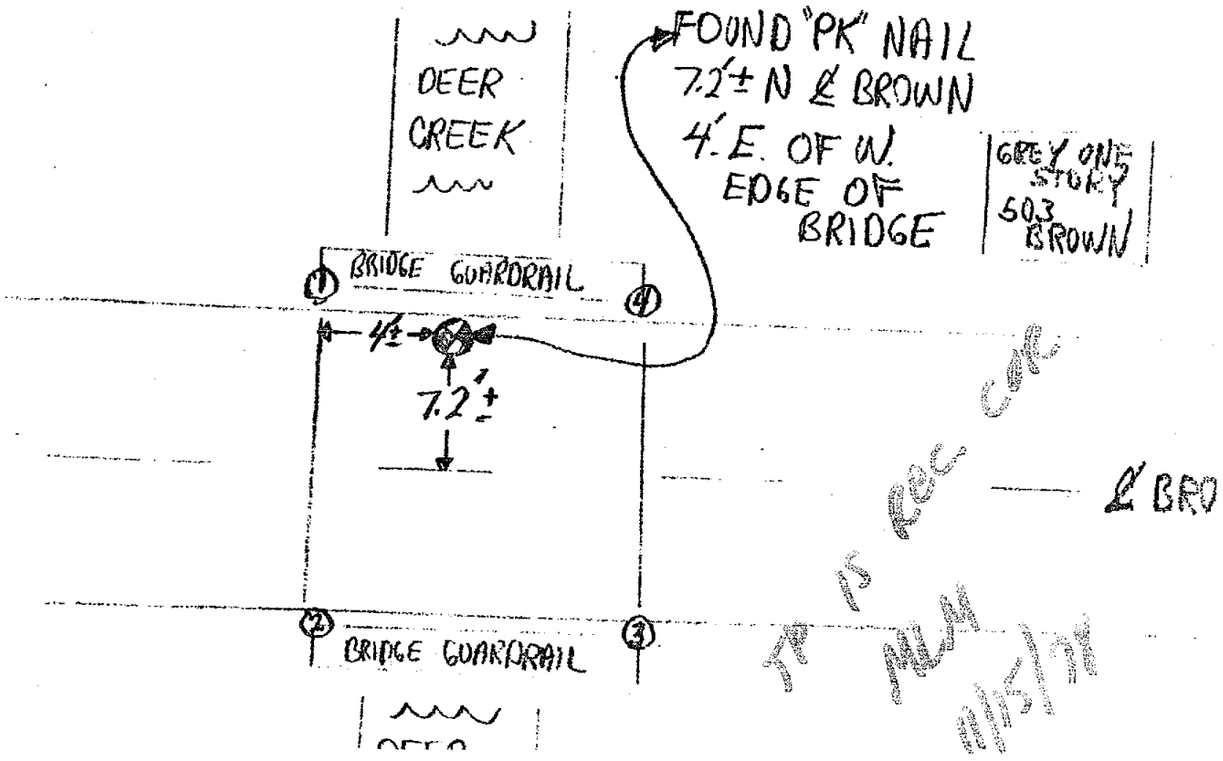
(1) N80°W 14.04' S. EDGE BRIDGE GUARDRAIL

(2) S45°W 21.59' N. EDGE BRIDGE GUARDRAIL

(3) S50°E 21.80' N. EDGE BRIDGE GUARDRAIL

(4) N80°E 14.20' S. EDGE BRIDGE GUARDRAIL





TRAVERSE POINT WITNESS REPORT

Traverse Point No. 11,094

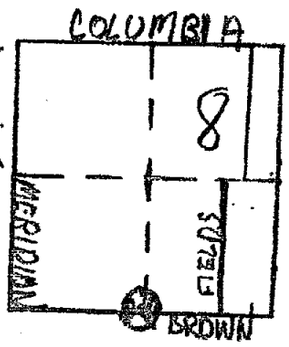
Tech. Sup'r. LARRY BRYAN
Company POLARIS
Field Squad LYON #3

Township INGHAM
Recorded Corner Code D-5
Date 4-13-78

N

Sketch and describe roads, monuments found or set, and witness established:

(1) OVE N. 33.00' FOUND 1" PIPE ON HILL
(2) S 20°E 17.13 FOUND RLS#17640 E. SIDE 10" OAK
(3) S 75° W 62.40 FOUND RLS#17640 N. SIDE 12" OAK



FOUND ½" BAR + WORN C.
IN ℄ BROWN RD
ON LINE WITH S.
FENCELIN

(1)

℄ BROWN

(3)

(2)

mk 11/15/78

CETA FOLDER

L4 P302

T2N-R1E Ingham D-4 and E-4 Garlock
D-4 Corner post
East 3+ 6" Maple
North 7.5'+ ? West
E-4 Corner centerline of ditch no iron found or set
Not able to witness

40¼° E 3.81 chs., thence S 27° E 5.82 chs., thence S 8° [illegible] ch. to station 175 plus 78 in the [illegible] line of said lands at a point 9.64 chs. W of the SE corner thereof. Total length of said drain on said lands is 16.78 chs.

Thence over and across the E ½ of the NW ¼ and the SW ¼ of the NW ¼ of section 26, Andy A. Schaadt, owner, S 8° E 10.76 chs., thence S 30° E 7.08 chs., thence S 10¼° E 3.08 chs., thence S 22° W 3.57 chs., thence S 59½° W 7.19 chs., thence S 83° W 10.54 chs., thence S 65½° W 10.00 chs., thence S 67½° W 8.49 chs., thence S 0° W 2.83 chs. to station 207 plus 32 lks. in the S line of said lands at a point 35 lks. E of the SW corner thereof. Total length of said drain on said lands is 63.54 chs.

Thence over and across the W ½ of the SW ¼ of section 26, Horace H. Doan, owner, S 6.99 chs., thence S 49½° W .46 chs. to station 210 plus 177 lks. in the W line of said lands at a point 7.35 chs. S of the NW corner thereof. Total length of said drain on said lands is 7.45 chs.

Thence over and across the E ½ of the SE ¼ of section 27, Frank M. Biggs, owner, S 49½° W 4.66 chs., thence S 19½° W 3.57 chs., thence S 30° W 4.78 chs., thence S 38° W 3.32 chs., thence S ½° E 6.25 chs., thence S 33½° W 3.15 chs., thence S 38¼° W 2.50 chs., thence S 44¼° W 4.00 chs., thence S 56½° W 2.00 chs., thence S 17° W 3.00 chs., thence S 13° W 2.95 chs. to station 230 plus 195 in the S line of said lands at a point .33 chs. E of the SW corner thereof. The total length of said drain on said lands is 40.18 chs.

Thence over and across the N 60 acres of the E ½ of the NE ¼ of section 34, Frank M. Biggs, owner, S 13° W 1.49 chs. to station 231 plus 144 lks. in the W line of said lands at a point 1.47 chs. S of the NW corner thereof. Total length of said drain on said lands is 1.49 chs.

Thence on the line between the N 60 acres of the E ½ of the NE ¼ of section 34, Frank M. Biggs, owner, and the W ½ of the NE ¼ of section 34, except cemetery sites, Miranda Waldo-Ayers, owner, S 4.56 chs. to station 234 at a point 6.03 chs. S of the N ⅛ post of the NE ¼ of said section 34. Total length of drain on said line of lands is 4.56 chs.

Thence over and across the W ½ of the NE ¼, except cemetery sites and the E ½ of the NW ¼ of section 34, Miranda Waldo-Ayers, owner, S 87½° W 9.69 chs., thence N 76¼° W 9.02 chs., thence S 58½° W 1.76 chs., thence S 82¾° W 3.33 chs., thence N 49° W 6.20 chs., thence N 39° W 4.94 chs., thence N 86¾° W 3.82 chs., thence S 59¾° W [illegible] chs., thence S 38° W 6.24 chs., thence S 66° W .50 ch. to station 258 plus 50 lks. in the [illegible] line of said lands at a point 5.95 chs. S of the NW corner thereof. Total length of said drain on said lands is 46.50 chs.

Thence on the line between that part of the W ½ of the NW ¼ of section 34, lying N of creek and high-

12½° W 10.81 chs., thence S 26½° W 7.71 chs. to station 276 plus 50 lks. in the W line of said lands at a point 9.38 chs. N of the SW corner thereof. Total length of said drain on said lands is 25.14 chs.

Thence over and across the N 17 acres of the E ½ of the SE ¼ of the NE ¼ of section 33, Morris Hobart, owner, S 26½° W 7.20 chs., to station 279 plus 170 lks. in the S line of said lands at a point 3.25 chs. W of the SE corner thereof. Total length of said drain on said lands is 7.20 chs.

Thence over and across the S 3 acres of the E ½ of the SE ¼ of the NE ¼ of section 33 and the N 30 acres of the SE ¼ except 5 rods N and S by 10 rods E and W in SE corner thereof, Morris Hobart and wife Nellie, owners, S 26½° W 7.50 chs., thence S 6¼° W 7.63 chs., thence N 87½° W 10.80 chs., thence S 66½° W 2.53 chs., thence S 28½° W 2.87 chs. to station 291 plus 140 lks. in the S line of said lands at a point 21.58 chs. E of the SW corner thereof. Total length of said drain on said lands is 23.70 chs.

Thence over and across the S 50 acres of the N ½ of the SE ¼ and 5 rods N and S by 10 rods E and W in the SE corner of the N 30 acres of the [illegible] ¼ of section 33, Earl F. King and wife Ellen M. King, owners, S 28½° [illegible] 46 ch., thence S 56¾° W 12.00 chs., thence S 70° W 4.75 chs., thence S 50¾° W 3.98 chs., to station 302 plus 59 lks. in the S line of said lands at a point 5.79 chs. E of the SW corner thereof. Total length of said drain on said lands is 21.19 chs.

Thence over and across the N ½ of the [illegible] ¼ of the SE ¼ of section 33, Charle Warner and wife Elmira Mathilda, owners, S 37¾° W 3.41 chs., thence S 67¾° W 3.47 chs. to station 305 plus 147 lks. in the W line of said lands at a point 4.53 chs. S of the NW corner thereof. Total length of said drain on said lands is 5.88 chs.

Thence over and across the SE ¼ of the SW ¼ of section 33, Edwin E. Showerman and wife Alda, owners, S 66¾° W 10.53 chs., thence S 41½° W 3.40 chs., thence S 3° W 8.92 chs. to station 317 plus 32 lks. in the S line of said lands and the township line between Wheatfield and Ingham townships at a point 7.94 chs. E of the SW corner of said lands. Total length of said drain on said lands is 22.85 chs.

Thence over and across the N 20 acres of the E ½ of the NW ¼ of section 4, Ingham township, John W. Thompson and Ada A. Thompson, owners, S 8° W 15 ch., thence S 4½° E 9.86 chs. to station 322 plus 33 lks. in the S line of said lands 8.57 chs. E of the SW corner thereof. Total length of said drain on said lands is 10.01 chs.

Thence over and across the E ½ of the NW ¼ of section 4, except 20 acres off the N end and 20 acres off the S end, John Martin, owner, S 4½° E .51 ch. thence S 14¼° W 5.37 chs.,

of section 4, Thom[illegible] Hanna, owner, S 13° W 1.56 chs. [illegible]tion 348 plus 4 lks. in the W line [illegible] said lands at a point 1.54 chs. S of the NW corner thereof. Total length of said drain on said lands is 1.56 chs.

Thence over and across the E ½ of the E ½ of the SE ¼ of section 5, Ingham township, Frank M. Mann, owner, S 13° W 17.96 chs., thence S 3° W 20.54 chs. to station 367 plus 54 lks. in the S line of said lands at a point 5.34 chs. E of the SW corner thereof. Total length of said drain on said lands is 38.50 chs.

Thence over and across the E ½ of the NE ¼ of the NE ¼ of section 8, Albert Aseltine and wife Chrischana, owners, S 3° W .66 chs., thence S 37° E 7.12 chs., thence S 45¾° E .50 chs., to station 371 plus 82 lks. in the E line of said lands at a point 6.63 chs. S of the NE corner thereof. Total length of said drain an said lands is 8.28 chs.

Thence over and across the NW ¼ of the NW ¼ of section 9, Albert Aseltine and wife Chrischana, owners, S 45¾° E 6.85 chs., thence S 40¾° E 8.41 chs., thence S 18° E 1.52 chs. to station 380 plus 60 lks. in the S line of said lands at a point 7.72 chs. W of the SE corner thereof. Total length of said drain on said lands is 17.78 chs.

Thence over and across the SW ¼ of the NW ¼ of section 9, Alfred Bravender, owner, S 29° W 22.40 chs. to station 391 plus 100 lks. in the S line of said lands at a point 1.50 chs. E of the SW corner thereof. Total length of said drain on said lands is 22.40 chs.

Thence over and across the N 30 acres of the W ½ of the SW ¼ of section 9, Philo Swan and wife Mary E., owners, S 29° W 3.50 chs. to station 393 plus 50 lks. in the W line of said lands at a point 2.83 chs. S of the NW corner thereof. Total length of said drain on said lands is 3.50 chs.

Thence on the line between the N 30 acres of the W ½ of the SW ¼ of section 9, Philo Swan and wife Mary E., owners, and the NE ¼ of the SE ¼ of section 8, Philo Swan and wife Mary E., owners, S 12.17 chs. to station 399 plus 67 lks. at the SW corner of said N 30 acres of the W ½ of the SW ¼ of section 9. Total length of said drain on said line of lots is 12.17 chs.

Thence on the line between the NE ¼ of the SE ¼ of section 8, Philo Swan and wife Mary E., owners, and the S 10 acres of the NW ¼ of the SW ¼ of section 9, Alfred Aseltine and wife Lucy, owners, S 4.94 chs. to station 401 plus 161 lks. at the SE corner of the NE ¼ of the SE ¼ of section 9. Total length of said drain on said line of lots is 4.94 chs.

Thence on the line between the N ½ of the SW ¼ of the SW ¼ of section 9, Alfred Aseltine and wife Lucy Aseltine, owners, and the N ½ of the SE ¼ of the SE ¼ of section 8, Edwin E. Field, Est., owners, S 9.57 chs. to station 406 plus 118 lks. at the SE

July 3, 1917 L 64 p. 2

Deer Creek

corner of said N ½ of the SE ¼ of the SE ¼ of section 8. Total length of said drain on said line of lots is 9.57 chs.

Thence on the line between the S. ½ of the SE ¼ of the SE ¼ of section 8, Edwin E. Field, Est., owners, and the SW ¼ of the SW ¼ of the SW ¼ of section 9, Alfred Bravender, owner, S 10.09 chs. to station 411 plus 127 lks. at the SW corner of section 9. Total length of said drain on said line of lots is 10.09 chs.

Thence on the line between the NW ¼ of the NW ¼ of section 16, Edwin E. Field, Est., owners, and the E ½ of the NE ¼ of section 17, except 5 acres E of creek in SE corner thereof, John Thomas and wife Anna, owners, S 19.78 chs. to station 421 plus 105 lks. at the W ⅛ post of the NW ¼ of section 16. Total length of said drain on said line of lots is 19.78 chs.

Thence on the line between the E. ½ of the NE ¼ of section 17, except 5 acres E of creek in SE corner thereof, John Thomas and wife Anna, owners, and the SW ¼ of section 16, [illegible] S 7.86 chs. to [illegible] line of lots is 18.45 chs.

N ½ of the NE ¼ of the SE ¼ of section 20. Total length of said drain on said line of lots is 10.00 chs.

Thence on the line between the S. ½ of the NE ¼ of the SE ¼ of section 20, Jerome Taughe and wife Eleanor, owners, and the W ½ of the SE ¼ of section 20, Augusta Rayner (1-3) and Iva E. Bond (2-3), owners, subject to contract interest of Fred L. Fuhrman, S 10.00 chs. to station 487 plus 155 lks. at center of the SE ¼ of section 20. Total length of said drain on said line of lots is 10.00 chs.

Thence on the line between the SE ¼ of the SE ¼ of section 20, except 20 feet N and S by 2 rods E and W in NE corner thereof, Nelson N. Rouse, owner, and the W ½ of the SE ¼ of section 20, Augusta Rayner (1-3) and Iva E. Bond (2-3), owners, subject to contract interest of Fred L. Fuhrman, S 18.45 chs. to station 497 at the upper terminus of said drain at a point 1.25 chs. N of the S ⅛ post of the SE ¼ of section 20. Total length of said drain on said line of lots is 18.45 chs.

between the cutting edge and the toe of the spoil banks. No excavations shall be deposited on timber, brush, rubbish or any stumps extending more than one (1) foot above the surface of the ground.

A clear space of at least six (6) feet shall be left between the toe of the spoil banks and any existing fence lines or top edge of banks of existing water courses.

No excavations shall be deposited in any existing water course connecting with said drain and openings shall be left or made through the depositions to afford a free passage of surface water at such places as the general surface of the ground may demand.

All highway crossings shall be made at right angles to the centerline of the highway, unless otherwise specified by the Drain Commissioner. No excavations shall be deposited within twelve (12) feet of the centerline of any highway improved by graveling. No excavations shall be deposited in any highway adjacent to said drain except upon permission of