
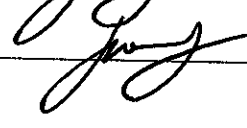




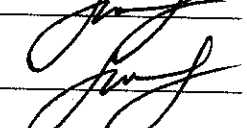

Drain: JAMES Lockwood **Drain #:** 111
Improvement/Arm: _____
Operator: J. LIVINGSTON **Date:** 3-12-04
Drain Classification: Urban/Rural **Year Installed:** 1912

GIS Drain Input Checklist

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors



**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: JAMES LOCKWOOD

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	6"	325'	325'		1 ⁼⁼ /lf	325 ⁼⁼
	7"	497'	295'	-202	2 ⁼⁼ /lf	590 ⁼⁼
	8"	478'	478'		2 ⁼⁼ /lf	956 ⁼⁼
	10"	1710'	1710'		3 ⁼⁼ /lf	5130 ⁼⁼
	14"	4190'	4190'		4 ⁼⁼ /lf	17,807 ⁼⁼
	15"	3700'	3488'	-212'	5 ⁼⁼ /lf	17,440 ⁼⁼
	18"	2780'	2700'	-80'	6 ⁼⁼ /lf	17,550 ⁼⁼
TILE - ARM 1	5"	170'	170'		1 ⁼⁼ /lf	170 ⁼⁼
TILE - ARM 2	5"	370'	320'	-50'	1 ⁼⁼ /lf	320 ⁼⁼
TILE - ARM 3	8"	1055'	985'	-70'	2 ⁼⁼ /lf	1970 ⁼⁼
TILE - ARM 4	6"	681'	681'		1 ⁼⁼ /lf	681 ⁼⁼
TILE - ARM 5	6"	288'	288'		1 ⁼⁼ /lf	288 ⁼⁼
	10"	1846'	1846'		3 ⁼⁼ /lf	5538 ⁼⁼
TILE - ARM 6	5"	485'	485'		1 ⁼⁼ /lf	485 ⁼⁼

Sum: _____

Final Report: _____

Comments:

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: JAMES LOCKWOOD (CONTINUED)

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE - ARM 7	6"	354'	354'		1 ⁰⁰ / 11 ¹	354 ⁰⁰
TILE - ARM 8	8"	1300'	1300'		2 ⁰⁰ / 11 ¹	2600 ⁰⁰
	10"	895'	895'		3 ⁰⁰ / 11 ¹	2685 ⁰⁰

Sum: 21,124' 20,510' -614 \$ 74,889.⁰⁰

Final Report: 21,124'

Comments:
298' OF 15" & 18" TILE RECONSTRUCTED DURING CUMBERLAND ROAD
RECONSTRUCTION. 202' OF 7" TILE, 50' OF ARM 2 AND
70' OF ARM 3 ABANDONED DURING RECONSTRUCTION IN
1992-1993.

8828 Dec 100

J.S. Shannon

RECEIVED FOR RECORD

7 days of June

1912

56 pages 52

Fred S. Kinnaman

Recorder Hamilton County

Copy No. 2.

STATE OF INDIANA,
SS:-
HAMILTON COUNTY,

IN THE MATTER OF THE JAMES LOCKWOOD DRAIN.

Report of the Drainage Commissioners and Engineer.

To the Honorable Judge of the Hamilton Circuit Court.

The undersigned Drainage Commissioners and Engineer to whom was referred
the above entitled petition for the drainage of certain lands in Noblesville
Township, Hamilton County, Indiana, would respectfully report that on the
...^{9th}...day of ^{November}...1911 we met at the head of the proposed
drain and proceeded to survey and lay out said drain and examine the land to
be drained by said proposed drain, We would report that we have definitely
determined the best and cheapest method of draining said lands and fixed the
route, location and character of the proposed work and fixed the same by notes
and bounds, courses, distances and descriptions, grades and bench marks so as
to provide for the complete drainage of the lands affected by the proposed
work.

We have divided the work into sections of not more than 100 feet in
length and have computed and set out the number of cubic yards of excavation
in each station and have assessed the benefits to each separate tract of land
and to the proper Township, where Highways are benefited. We have fixed the
beginning and outlet of said drain so as to secure the best results and cause
the least possible injury to the lands affected and so as to benefit the
public Highways.

We believe the drain when completed will be practicable, that the public
health will be improved; that ...⁴...public Highways will be benefited;
that the ditch will be of public utility and that the cost and expense of
constructing said drain will be less than the benefits to the lands assessed
for the construction; that the best and cheapest method of securing said
drainage is by a Main Ditch, and...⁶...arms or branches described and
located as follows:-

L O C A T I O N .

MAIN DITCH.

Commencing about .835 feet south and .525 feet west of the south east corner of the north east quarter of section 7 Township 19, North of range 9 east in Hamilton County, Indiana, running south 18° east 300 feet, thence south 70°30' east 500 feet, thence south 35° east 200 feet, thence south 18°30' east 100 feet, thence south 50° west 1000 feet, thence south 30° east 100 feet, thence south 35°30' east 100 feet, thence south 32°30' east 100 feet, thence south 38°30' east 200 feet, thence north 60° east 300 feet, thence north 35° east 50 feet, thence south 35° east 50 feet, thence south 5° east 500 feet, thence south 35° west 100 feet, thence south 31° east 900 feet, thence south 25° west 100 feet, thence south 11° east 100 feet, thence south 30° east 100 feet, thence south 37° east 200 feet, thence south 33° east 100 feet, thence south 100 feet, thence south 11° west 100 feet, thence south 37° west 200 feet, thence south 21° west 700 feet, thence south 9° east 400 feet, thence south 20° west 1300 feet, thence south 360 feet, thence south 25°30' west 340 feet, thence south 2°30' west 100 feet, thence south 10° east 100 feet, thence south 33° east 175 feet, thence south 47° east 500 feet, thence south 34° east 50 feet, thence south 10°30' east 380 feet, thence south 10° east 300 feet, thence south 32° east 50 feet, thence south 10° east 100 feet, thence south 14°30' west 1350 feet, thence south 17° west 1500 feet emptying and terminating into ~~xxxxxxxxxxxx~~ an open drain on the land of the Marion Aldred et. al or near a point 345 feet measured northeast on north line of the Noblesville and Perkinsville Pike from mile stone No. 2 and then north 1.50 feet.

PIPE NO 1.

Commencing 1370 feet south and 489 feet west of the southeast corner of the northeast quarter of section 7, Township 19, north of range 9 east in Hamilton County, Indiana, running north 33° east 170 feet and terminating in the Main Ditch at stake 2720.

PIPE NO 2.

Commencing 947 feet south and 303 feet east of the north west corner of the south east quarter of section 8, Township 19, north of range 9 east in Hamilton County, Indiana, running south 30° west 300 feet, thence south 21°30' west 75 feet emptying and terminating in the main ditch at stake 2622.

ARM NO 3.

Commencing 650 feet east and 848 feet south of the north east corner of the west half of the south west quarter of section 8, Township 19, north of range 6 east in Hamilton County, Indiana, running south 16° west 1055 feet emptying and terminating in the Main Ditch at stake 13.

ARM NO 4.

Commencing 440 feet west and 844 feet north of the south east corner of the east half of the south east quarter of section 7, Township 19, north of range 6 east in Hamilton County, Indiana, running south $88^{\circ}30'$ east 100 feet, thence south 30° east 200 feet, thence south $75^{\circ}30'$ east 50 feet, thence south 65° east 50 feet, thence south 40° east 281 feet emptying and terminating in the Main Ditch at stake 17.

ARM NO 5.

Commencing 835 feet south of the north east corner of the west half of the south west quarter of section 8, Township 19, north of range 6 east in Hamilton County, Indiana, running south $38^{\circ}30'$ west 388 feet, thence south 517 feet, thence south 10° west 100 feet, thence south 25° west 100 feet, thence south 45° west 400 feet, thence south $32^{\circ}30'$ west 100 feet, thence south 8° east 100 feet, thence south $18^{\circ}30'$ east 134 feet emptying and terminating in the Main Ditch at stake 30+10.

ARM NO 6.

Commencing 635 feet west and 844 feet south of the north east corner of the west half of the south west quarter of section 8, Township 19, north of range 6 east in Hamilton County, Indiana, running south 65° east 230 feet, thence south 12° east 50 feet emptying and terminating at stake 13+8 on Arm No 3.

ARM NO 7.

Commencing 362 feet north and 10 feet west of the south east corner of the north half of the south east quarter of section 18, Township 19, north of range 6 east in Hamilton County, Indiana, running south ~~330~~ 150 feet, thence south 60° east 150 feet, thence south $25^{\circ}30'$ east 64 feet emptying and terminating in the Main Ditch at stake 72.

ARM 10 8.

Commencing 74 feet west and 10 feet north of the north east corner of the east half of the north west quarter of section 20, Township 19, north of range 5 east in Hamilton County, Indiana, running south 11° east 140 feet, thence south 37° west 80 feet, thence south 34° west 100 feet, thence south 29° west 50 feet, thence south 10° east 30 feet, thence south 29° east 170 feet, thence south 3° east 30 feet, thence south 16° 30" west 100 feet, thence south 11° east 100 feet, thence south 16° east 300 feet, thence south 1° east 300 feet, thence south 14° west 30 feet, thence south 31° 30" west 30 feet, thence south 44° 30" west 790 feet emptying and terminating in the Main Ditch at stake 109.

T I L E .

MAIN DITCH.

One row of 6 inch Drain tile from station 0	to station 5+24.
" " " 7 " Drain " " " "	3+24 " " 8+22.
" " " 8 " " " " " "	5+21 " " 13.
" " " 10 " " " " " "	13 " " 30+10.
" " " 14 " " " " " "	30+10 " " 72.
" " " 15 " " " " " "	72 " " 109.
" " " 15 " " " " " "	109 " " 136+70.
" " " 18 " Sewer pipe " " "	136+70 " " 136+00.

ARM NO 1.

To consist of one row of 6 inch drain tile from station 0 to station 1+70 and to be connected to the Main Ditch in the Y branch connection at station 3+25.

ARM NO 2.

To consist of one row of 6 inch drain tile from station 0 to station 3+70 and to be connected to the Main Ditch in the Y branch connection at station 5+21.

ARM NO 3.

To consist of one row of 6 inch drain tile from station 0 to station 10+00 and to be connected to the Main ditch in the Y branch connection at station 13.

ARM NO 4.

To consist of one row of 6 inch drain tile from station 0 to station 8+01 and to be connected to the Main Ditch in the Y branch connection at station 17.

ARM NO 5.

One row of 6 inch drain tile from station 0 to station 8+55.
 " " " 10 " " " " " " 8+55 " " 21+14.
 and to be connected to the Main Ditch in the Y branch connection at station 20+10.

ARM NO 6.

To consist of one row of 6 inch drain tile from station 0 to station 4+60 and to be connected to Arm No 5 in the Y branch connection at station 24+00.

ARM NO 7.

To consist of one row of 6 inch drain tile from station 0 to station 3+04 and to be connected to the Main Ditch in the Y branch connection at station 7E.

ARM NO 8.

One row of 6 inch drain tile from station 0 to station 13.

" " " 10 " " " " " 13 " " 31+95 and to be connected to the Main Ditch ~~station~~ in the Y branch connection at station 109.

FALL OF THE ESTABLISHED GRADE.

MAIN DITCH.

100/100 feet to each 100 feet from station 0		to station 2.	
40/100	" " "	100	" " " 2 " " 6.
30/100	" " "	100	" " " 8 " " 28.
20/100	" " "	100	" " " 28 " " 30+10.
10/100	" " "	100	" " " 30+10 " " 40.
08/100	" " "	100	" " " 40 " " 48.
09/100	" " "	100	" " " 45 " " 60.
42/100	" " "	100	" " " 60 " " 94.
05/100	" " "	100	" " " 93 " " 109.
03/100	" " "	100	" " " 109 " " 135+80.

ARM NO 1.

50/100	" " "	100	" " " 0 " " 1+70.
--------	-------	-----	-------------------

ARM NO 2.

40/100 feet to each 100 feet from station 0 to station 3.	
12/100	" " " 70 " " " 3 " " 3+70.

ARM NO 3.

16/100 feet to each 100 feet from station 0 to station 10.	
10/100	" " " 60 " " " 10 " " 10+65.

FALL OF THE ESTABLISHED GRADE.

AREA NO 4.

200/100 feet to each 100 feet from station 0 to station 1.

100/100 " " " 100 " " " 1 " " 6.

50/100 " " " 51 " " " 6 " " 6+51.

AREA NO 5.

10/100 feet to each 100 feet from station 0 to station 3.

10/100 " " " 100 " " " 3 " " 31+34.

AREA NO 6.

50/100 feet to each 100 feet from station 0 to station 4.

5/100 " " " 50 " " " 4 " " 4+50.

AREA NO 7.

100/100 feet to each 100 feet from station 0 to station 3.

100/100 " " " 54 " " " 3 " " 1+54.

AREA NO 8.

157/100 feet to each 100 feet from station 0 to station 1.

100/100 " " " 100 " " " 2 " " 6.

100/100 " " " 100 " " " 6 " " 13.

50/100 " " " 100 " " " 12 " " 16.

31/100 " " " 100 " " " 16 " " 19.

10/100 " " " 100 " " " 19 " " 31+35.

LAYING TILE FILLING DITCH DRAINING AND GRUBBING.

All tile used in the construction of this drain shall be first class quality and subject to the inspection of the Superintendent in charge of the work. They shall be laid in the trench in a true line with joints well matched and at proper grades shown on the profile hereto attached and marked "EXHIBIT B" and made a part of this report and shall be left uncovered until examined by the Superintendent after which the trench, where the ditch is new cut, shall be filled full and where the ditch runs in the old channel the tile shall be covered with two feet of earth.

Trees and bushes shall be cut or dedded on each side of the ditch for a distance of 25 feet except in the opinion of the Superintendent it is advisable to leave certain trees. All work to be done in a first class and workman like manner, and to the full satisfaction of the Superintendent in charge of the work.

No of Station	MAIN DITCH. Depth of Cut	No of Cubic yds to be removed.
0	3.00	
1	3.44	10
2	3.90	10
3	3.97	10
4	3.52	10
5	3.59	10
6	3.69	10
7	3.69	10
8	3.99	10
9	3.92	10
10	4.74	24
11	5.39	26
12	5.66	31
13	7.54	37
14	6.70	30
15	6.41	30
16	6.02	34
17	6.58	32
18	4.87	28
19	5.52	29
20	5.32	30
21	5.02	29
22	4.24	20
23	4.47	24
24	5.45	28
25	4.62	28
26	4.92	27
27	5.07	28
28	4.42	27
29	4.16	24
29+50	4.84	
30	4.59	24
30+10	4.40	

MAIN DITCH?

No of station	Depth of Gut.	No of Cubic Yards to be removed.
31	5.67	30
32	5.61	33
33	5.68	31
34	5.78	31
35	5.63	31
36	3.98	36
37	5.53	36
38	6.75	40
39	5.51	45
40	4.38	37
41	4.07	31
42	4.08	30
43	3.37	37
44	3.37	35
45	3.78	35
46	3.36	36
47	3.58	35
48	3.96	37
49	1.73	33
50	4.71	36
51	4.51	35
52	4.39	34
53	4.56	33
54	3.63	31
55	4.31	30
56	4.15	30
57	4.47	32
58	3.72	30
59	4.94	32
60	4.32	34
61	4.58	33
62	3.59	30
63	5.55	37
64	3.74	37

MAIN DITCH.

No of station	Depth of Cut.	No of cubic yards to be removed.
65	3.59	28
66	3.68	28
67	3.67	27
68	3.67	27
69	3.51	25
70	3.59	24
71	3.56	25
72	3.55	27
73	3.55	28
74	4.28	30
75	3.46	29
76	3.49	26
77	3.51	27
78	3.98	28
79	4.30	31
80	4.28	32
81	3.60	29
82	3.50	27
83	3.78	28
84	4.19	30
85+80	4.57	
86	5.02	36
87	4.52	35
87	4.42	33
88	5.50	37
89	4.74	38
90	4.38	34
91	4.50	35
92	4.00	31
93	5.85	38
94	4.47	37
95	4.00	31
95+90	4.07	
96	4.55	32

MAIN DITCH.

No of station	Depth of Cut.	No of Cubic Yards to be removed.
97	4.85	34
98	4.08	33
99	4.53	32
99+35	5.15	
100	4.80	34
101	4.65	33
102	4.75	34
103	5.03	35
104	4.40	34
105	4.60	33
106	3.87	30
107	3.86	28
108	4.30	31
+60	4.39	
109	4.75	34
110	5.50	38
111	4.63	35
112	4.10	32
113	4.85	33
114	4.65	33
115	5.00	35
116	4.60	35
117	5.58	38
118	6.83	48
119	4.91	44
120	4.60	35
121	4.71	34
122	4.18	33
123	4.81	33
124	5.30	30
125	4.83	32
126	4.83	35
127	3.88	32
128	3.88	29
129	4.38	31

MAIN DITCH.

No of station	Depth of Cut.	No of Cubic yards to be removed.
150	4.43	33
151	4.01	31
152	5.03	34
153	5.01	30
154	4.83	36
155	4.78	36
156	4.43	34
+80	4.81	36
Total.....		4137

ARM NO 1.

0	3.04	
1	3.20	17
1+70	3.44	16
Total.....		33

ARM NO 2.

0	3.66	
1	3.02	19
2	3.93	17
3	3.11	17
+70	3.15	19
Total.....		65

ARM NO 3.

0	3.79	
1	3.84	19
2	4.09	24
3	4.44	36
4	4.06	35
5	4.84	36
6	5.74	39
7	5.44	31
8	5.43	30
9	5.14	30
10	5.76	36

ARM NO 3.

No of Station	Depth of Cut.	No of Cubic Yards to be removed,
10+55	7.54	14

Total.....		105

ARM NO 4.

0	8.50	
1	8.55	14
2	8.55	14
3	8.40	14
+50	8.55	
4	8.75	15
5	8.55	16
6	8.65	18
+51	8.55	21

Total.....		112

ARM NO 5.

0	5.72	
1	5.00	20
2	5.24	19
3	5.25	19
4	4.45	17
5	6.05	16
6	6.25	22
7	7.55	17
8	6.00	13
9	6.07	19
10	6.10	20
11	6.54	20
12	6.55	19
13	6.37	18
14	6.33	19
15	7.30	19
16	6.95	16
17	6.75	18
18	6.54	18
19	6.05	16

ARM NO 6.

No of station	Depth of Cut.	No of Cubic Yards to be removed.
19	4.71	22
20	4.89	26
21	5.59	28
+34	4.46	9
		Total.....390

ARM NO 6

0	2.95	
1	2.60	15
2	2.67	16
3	3.00	16
4	2.95	17
+55	3.18	14
		Total..... 78

ARM NO 7.

0	2.70	
1	2.45	17
+50		
2	2.24	19
3	2.30	15
+54	2.72	9
		Total..... 60

ARM NO 8.

0	4.00	
1	3.01	19
2+40	2.63	
2	2.87	16
3	3.49	18
+50	3.43	
4	3.52	19
5	3.21	18
+70		
6	3.00	17
7	3.29	17

ARM NO 8.

No of station.	Depth of Cut.	No of Cubic Yards to be removed.
8	3.55	18
9	3.92	20
10	3.93	23
11	3.01	19
12	3.59	18
13	3.99	19
+00	3.41	
14	3.16	17
15	3.34	18
16	3.98	18
17	3.14	17
18	3.95	20
19	3.00	19
20	3.35	18
21	4.14	21
+05	3.49	23

Total..... 411

TOTAL NO OF CUBIC YARDS.

Main Ditch.....	4137
Arm NO 1.....	30
Arm No 2.....	65
Arm No 3.....	293
Arm No 4.....	112
Arm No 5.....	395
Arm No 6.....	78
Arm No 7.....	60
Arm No 8.....	411

Total..... 5581

Description of Assessments.

James Lockwood.....pt,	N.E.	S.E. 7 19 5 22	\$ 148.00	
Do	S.E.	S.E. 7 19 5 16	\$ 146.00	
Do	N.W.	N.W. 19 5 28	\$ 332.00	
Do	S.W.	S.W. 8 19 5 40	\$ 349.00	\$ 995.00
J. W. Applegate Est.....pt,	N.E.	S.W. 8 19 5 16	\$ 108.00	\$ 108.00
F. P. Kepner.....pt,	S.E.	S.W. 6 19 5 10	\$ 88.40	
Do	W 1/2	S.W. 17 19 5 20	\$ 144.00	\$ 182.40
Charliss Kepner.....	N.W.	N.W. 15 19 5 40	\$ 288.00	
Do	E 1/2	S.W. 17 19 5 20	\$ 148.00	\$ 436.80
Conrad Kok	N.E.	N.E. 18 19 5 5	\$ 21.60	
do	N.W.	N.W. 17 19 5 40	\$ 288.00	
do	S.W.	N.W. 17 19 5 20	\$ 144.00	\$ 436.80
Conrad & Mary Kok.....pt,	S.W.	N.W. 17 19 5 20	\$ 138.20	\$ 138.20
Barbara Kaiser...Est pt,	S 1/2 N.W.	N.E. 18 19 5 5	\$ 19.20	\$ 19.20
John Zeit.....pt,	S.E.	N.E. 18 19 5 25	\$ 96.00	\$ 96.00
Margaret Zimmer.....pt,	N 1/2 N.E.	S.E. 18 19 5 12	\$ 53.80	\$ 53.80
G. D. Zimmer.....pt,	S 1/2	N.E. S.E. 18 19 5 16	\$ 73.60	\$ 73.60
Catherine Barker.....pt,	S.E.	S.E. 18 19 5 24	\$ 244.00	\$ 244.00
Marian Aldred Est.....pt,	N.E.	N.E. 19 19 5 30	\$ 316.00	
do	S.E.	N.W. 19 19 5 40	\$ 76.00	
do	E 1/2	S.E. 19 19 5 16	\$ 69.20	\$ 362.00
Mary Beck.....pt,	N.W.	S.W. 20 19 5 20	\$ 144.00	
do	S.W.	N.W. 20 19 5 40	\$ 288.00	
do	N.W.	N.W. 20 19 5 39	\$ 280.80	\$ 712.80
Jay G Yoss.....pt,	E 1/2	N.W. 20 19 5 20	\$ 105.60	\$ 105.60
L. V. & Louisa Roberts	N.E.	N.W. 20 19 5 30	\$ 158.40	
do	S.E.	S.W. 17 19 5 28	\$ 65.40	\$ 223.80
A. R. Wagner.....pt,	N.E.	S.W. 17 19 5 2	\$ 7.70	
do	S.E.	N.W. 17 19 5 6	\$ 23.00	
do	N.E.	N.W. 17 19 5 10	\$ 38.30	\$ 69.00
Jackson Township	Benefit to Highways			
	N. & S. Between	7/8 19 5	\$ 40.00	\$ 40.00
Noblesville Township	Benefit to Highways			
	N. & S. Between	17/18-19-5	\$ 20.00	
	E. & W. "	17/20-18/19-19-5	\$ 30.00	
	N. & S. "	18/20-19-5	\$ 20.00	
School Lot	S.E. Cor	18-19-5	\$ 10.00	\$ 50.00
			Total.....	\$ 4398.00

STATE OF INDIANA,
COUNTY OF HAMILTON.

We the undersigned Drainage Commissioners and Surveyor of Hamilton County, Indiana, to whom was referred the above petition for a drain, do hereby certify that we have examined the whole line of route of the proposed drain and that no other lands than that above set out and described will be benefited or injured by said drain, and that the above report is true in substance and in fact as we each verily believe.

[Signature]
Commissioner

[Signature]
Commissioner

[Signature]
Engineer

Subscribed and sworn to before me this 17th day of *[Month]*, 1912

[Signature]
Clerk Hamilton Circuit Court, County

CONTRACTOR'S DAILY LOG

NAME OF DRAIN James Lockwood #111 90-016

DATE: STARTED: 11/17/90 COMPLETED: _____

DATE	START TIME	COMPLETE TIME
<u>11/17/90</u>	<u>12:30 pm</u>	<u>4:30 pm</u>
<u>11/28/90</u>	<u>1:30 pm</u>	<u>5:30 pm</u>
<u>11/29/90</u>	<u>7:00 AM</u>	<u>9:00 AM</u>

WEATHER CONDITIONS: _____

COMMENTS: _____

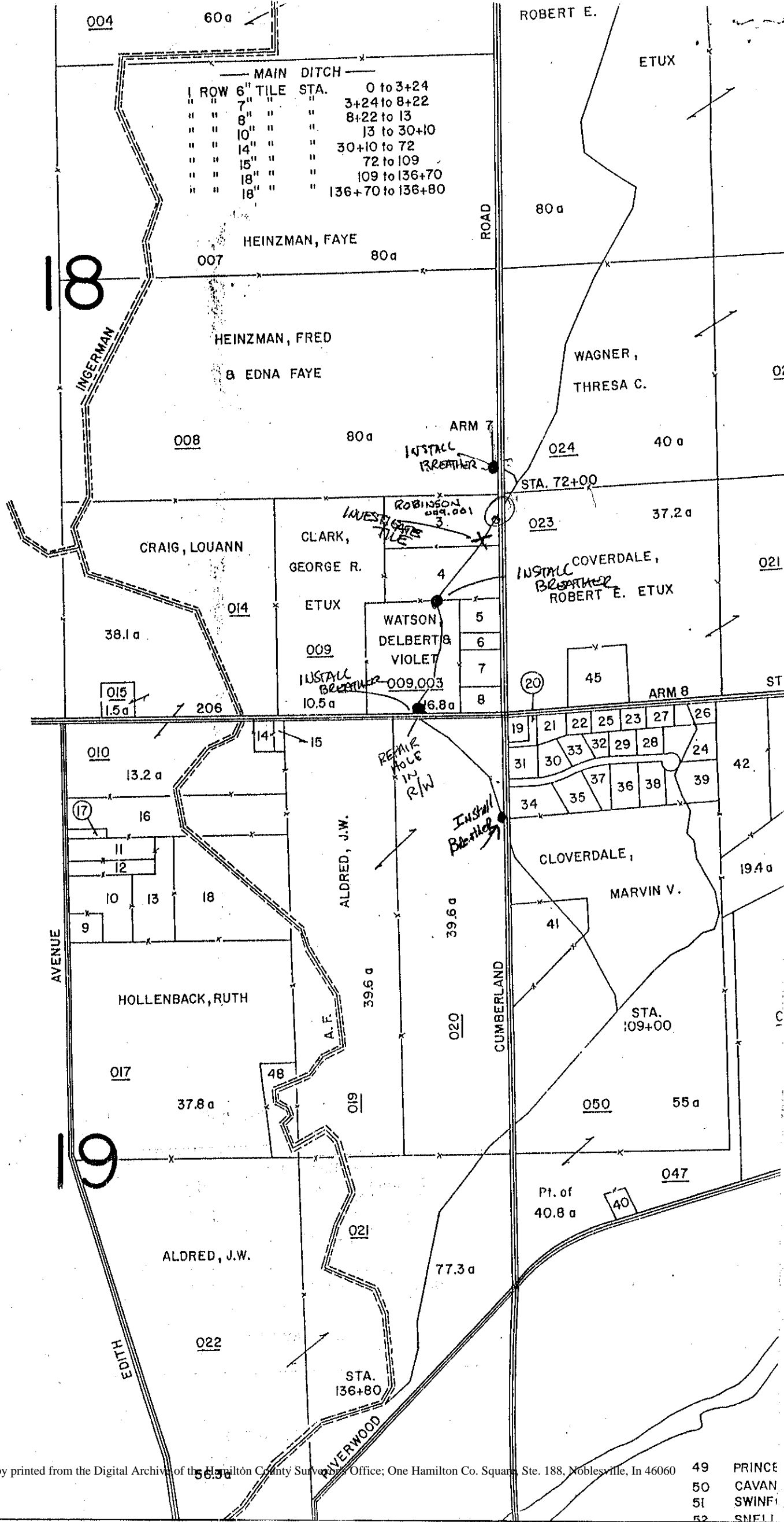
LABOR: HOW MANY WORKERS PER JOB AND NUMBER OF HOURS: 2 men 4 hrs - 4 hrs 2 hrs
= 20 hrs

EQUIPMENT: WHAT AND TIME INVOLVED: 1 Hoe 4 hrs - 4 hrs - 2 hrs = 10 hrs
1 Truck 4 hrs - 4 hrs - 2 hrs = 10 hrs

MATERIAL USED: 2' of 6" pvc
3 bag Sand mix

COMMENTS: Tile is very clean with no water at time
of ~~investigation~~ investigation of Robison.
At the breather on the north side of Watson property
was clean with an inch of water, and the south
the was a little debris and 3 to 4" of water
on 11/28/90. The day before we had 1" inch and
6 tenths of rain, and the tile is working very well
6" of water flowing freely. we couldn't find Arm 7
but there is a Hole right beside pavement.

NOBLESVILLE TWP.



18 009 004

- 49 PRINCE
- 50 CAVAN
- 51 SWINF
- 52 SNELL

CONTRACTOR'S DAILY LOG

NAME OF DRAIN James Lockwood #111 91-136
 DATE: STARTED: 8-5-91 COMPLETED: _____

DATE	START TIME	COMPLETE TIME	
<u>8-5-91</u>	<u>2:30 PM</u>	<u>5:30 PM</u>	<u>H T L X 4</u>
<u>8-7-91</u>	<u>7:30 AM</u>	<u>6:30 PM</u>	<u>H T L X 2</u>
<u>8-8-91</u>	<u>7:30 AM</u>	<u>5:30 PM</u>	<u>H T L X 2</u>

WEATHER CONDITIONS: _____

COMMENTS: _____

LABOR: HOW MANY WORKERS PER JOB AND NUMBER OF HOURS: _____

4 men x 3 hrs = 12 hrs labor
2 men x 19 hrs = 38 hrs labor → TOTAL = 50 hrs labor

EQUIPMENT: WHAT AND TIME INVOLVED: _____

22 hrs hoe
22 hrs truck

MATERIAL USED: 6 bags of Sandmix

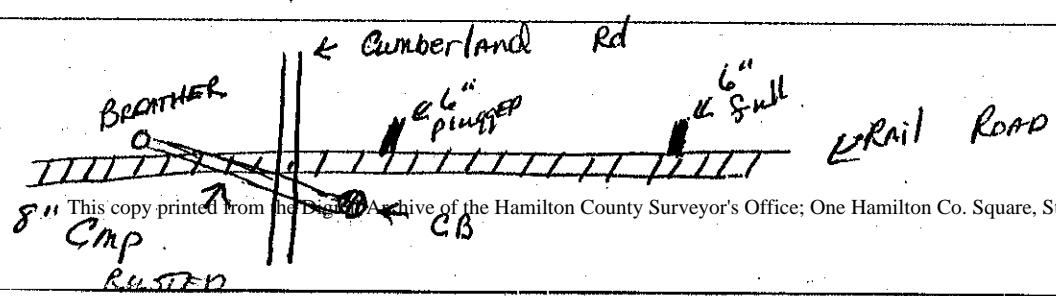
5 - 6" cnp x 7'
1 - 6" cnp x 8'
12' of 8" concrete tile
12' of 6" concrete tile
4' of 10" concrete tile
5 lbs of needles

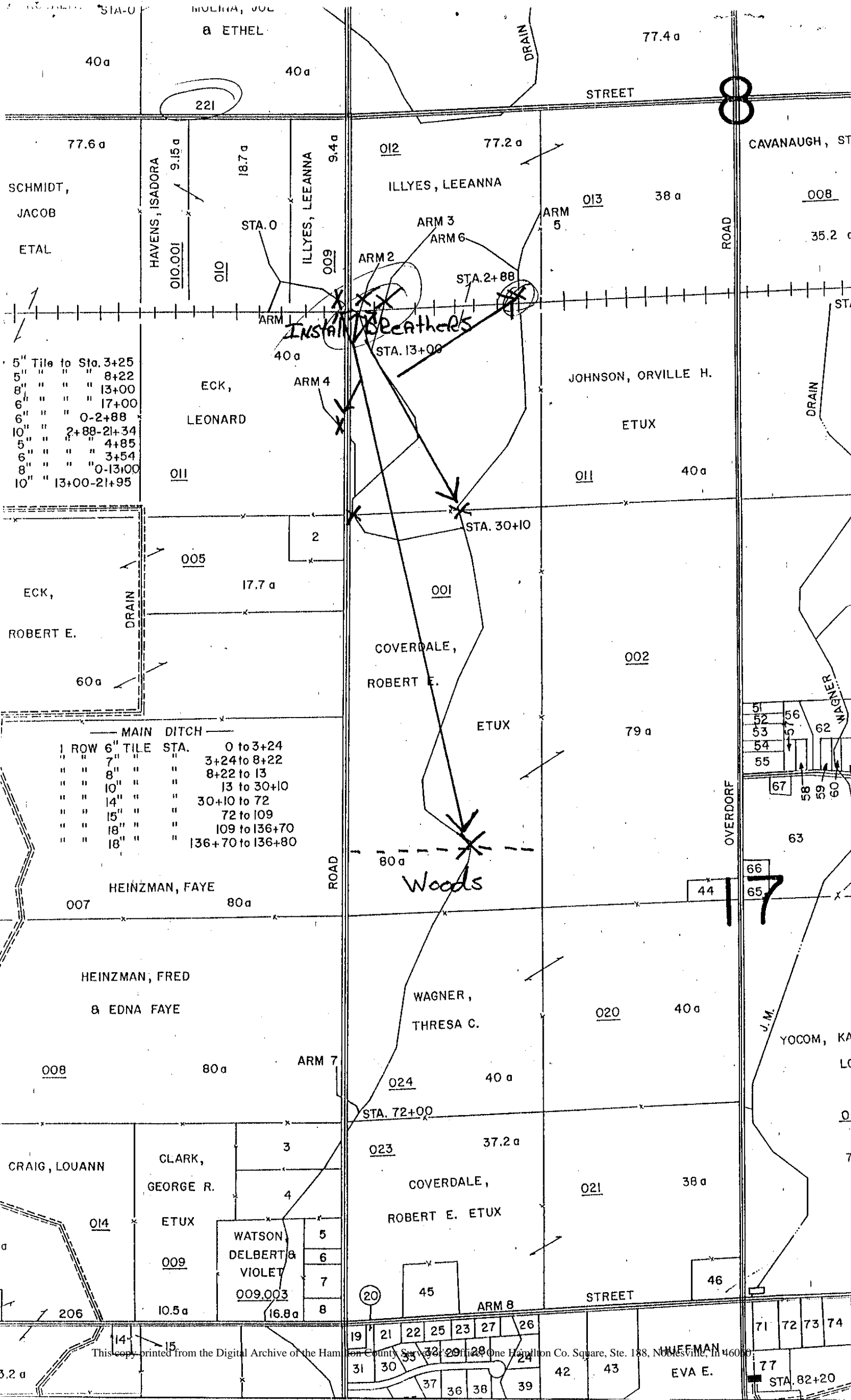
COMMENTS: _____

ditch at power lines (6" - 2/3 full of dirt) heading for west edge of woods.

6" from brick house clean & open
10" at Burtons fence line clean & open

2 - 6" lines N side of RR full of dirt
8" cnp from CB to Breather rusted badly





5" Tile to Sta. 3+25
 5" " " " 8+22
 8" " " " 13+00
 6" " " " 17+00
 6" " " " 0-2+88
 10" " " " 2+88-21+34
 5" " " " 4+85
 6" " " " 3+54
 8" " " " 0-13+00
 10" " " " 13+00-21+95

— MAIN DITCH —

ROW	6" TILE	STA.	
1	6"	0 to 3+24	
"	7"	3+24 to 8+22	
"	8"	8+22 to 13	
"	10"	13 to 30+10	
"	14"	30+10 to 72	
"	15"	72 to 109	
"	18"	109 to 136+70	
"	18"	136+70 to 136+80	