

3-15-1W DANVILLE PARK

1357



"The Hub of Hendricks County"
DANVILLE, INDIANA

CLINTON E. FERGUSON, Town Manager

Home: 745-5392

~~████████████████████~~
Danville, Indiana 46122
666 W. Mill St.

Town Hall: 745-4180

77 N. Kentucky Street
Danville, Indiana 46122



Oxford

STOCK No. 752¹/₃

MADE IN U. S. A.

$$\begin{array}{r} 14001 \\ 39 - 12590 \\ \hline 1411 \end{array}$$

$87^{\circ}58'45''$
 $N 0^{\circ}09'59''W$
 $N 0^{\circ}10'33''W$
 3719
 $N 0^{\circ}47'52''W$

S 89 41 50 E Corner
 S 89 04 31 E Decker
 $0 37 19 CCW$
 $87 58 45$
 $47 52$
 $87 10 53$

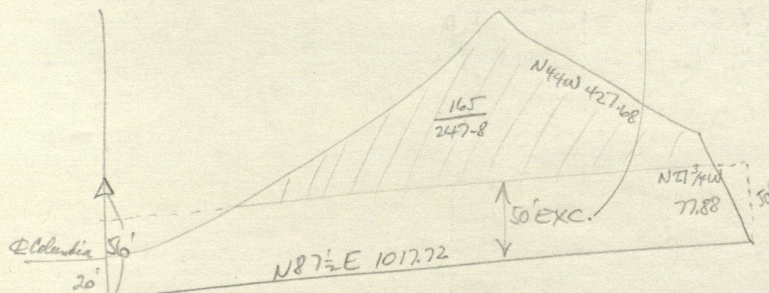
$$\begin{array}{r} 85.5 \\ 3 \\ \hline 88.5 \end{array}$$

$$\begin{array}{r} 1329.48 \\ 1432.2 \\ 1329.48 \\ \hline 102.72 \end{array}$$

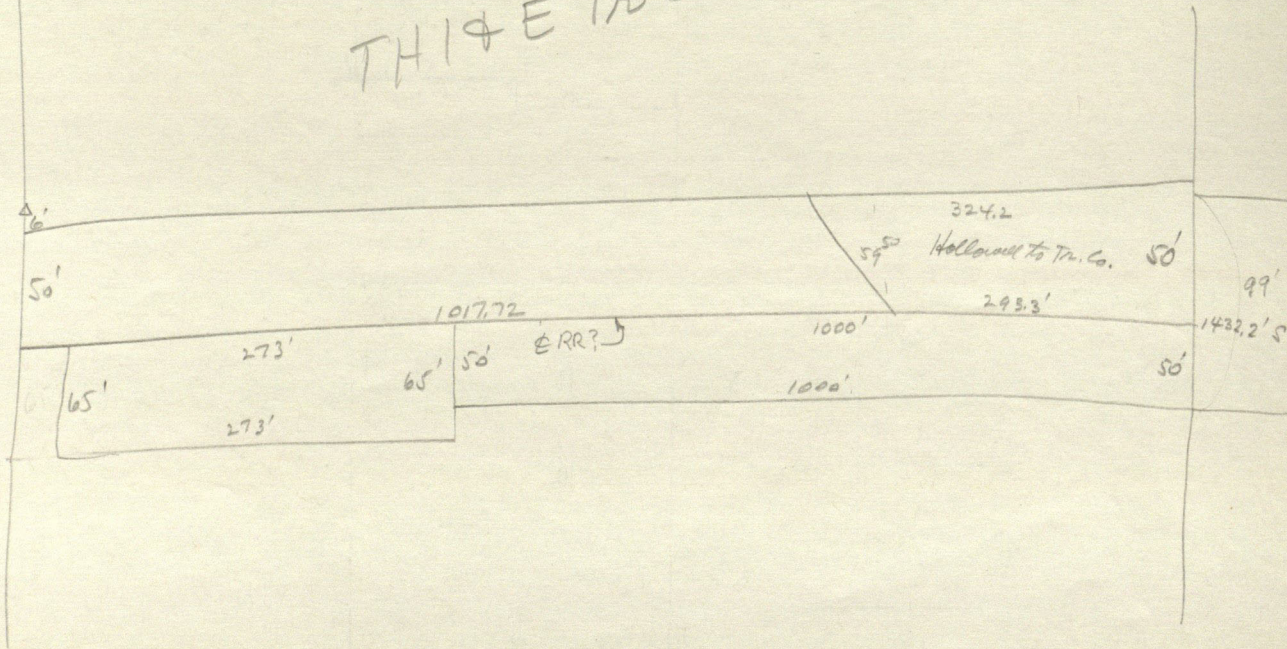
$$\begin{array}{r} 929 \\ 680 \\ \hline 249 \end{array}$$

$$\begin{array}{r} 1320 \\ 132 \\ \hline 1460.25 \\ 99 \\ \hline 1361.25 \end{array}$$

$$\begin{array}{r} 19.22 \\ 4976.88 \\ \hline \pm \\ 30 \end{array}$$



THI & E Tr Co. deeds plotted



$$\begin{array}{r} 84.48 \\ 615.12 \\ \hline 699.60 \end{array}$$

$$\begin{array}{r} 660 \\ 132 \\ \hline 66.6 \\ 5.28 \\ \hline 803.88 \end{array}$$

loc NW cor name 1st

$$\begin{array}{r} 27 \\ 9 \\ \hline 243 \\ 28 \\ \hline 12 \\ 28'3 \end{array}$$

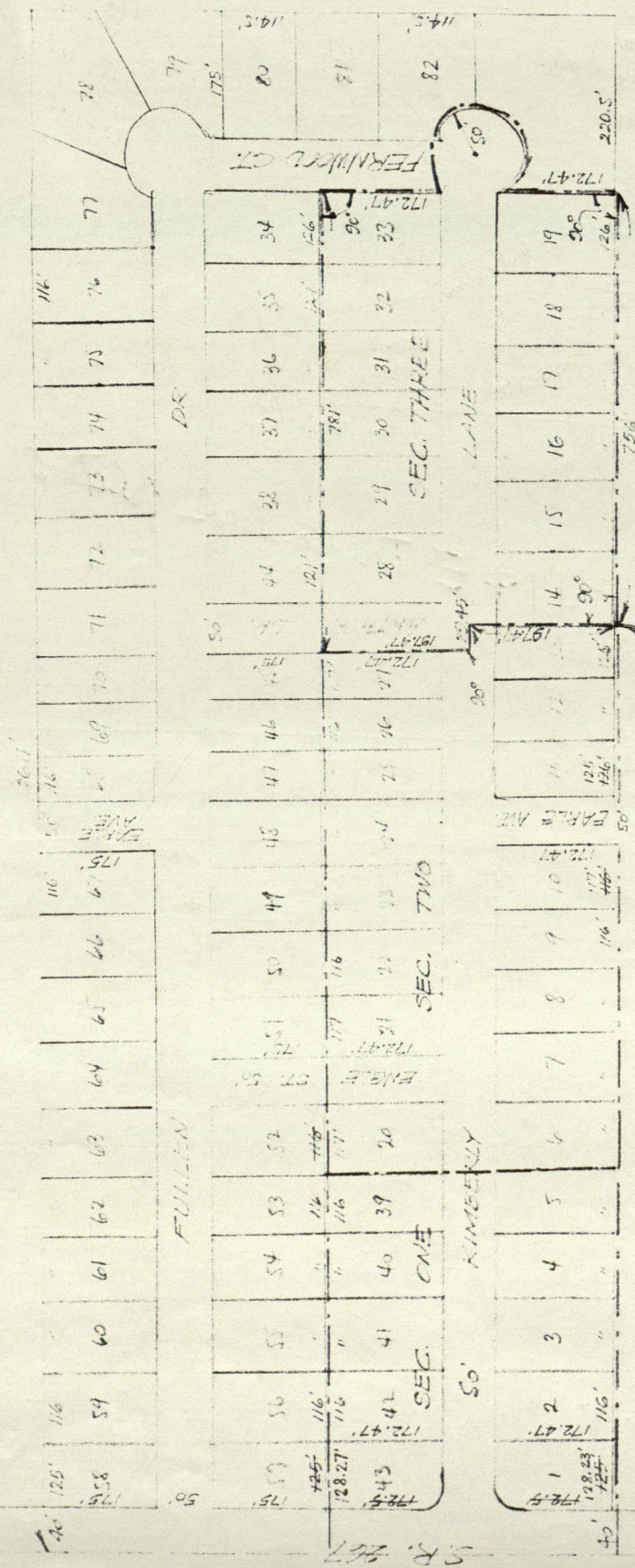
$$\begin{array}{r} 22 \\ 8 \\ \hline 176 \\ 12 \\ \hline 4 \\ 12 \\ \hline 204 \end{array}$$

STANLEY M. SHARTLE
RURAL ROUTE 1, BOX 33
STILESVILLE, MD. 21150

3rd Sec. { Plat Book
6/7/8

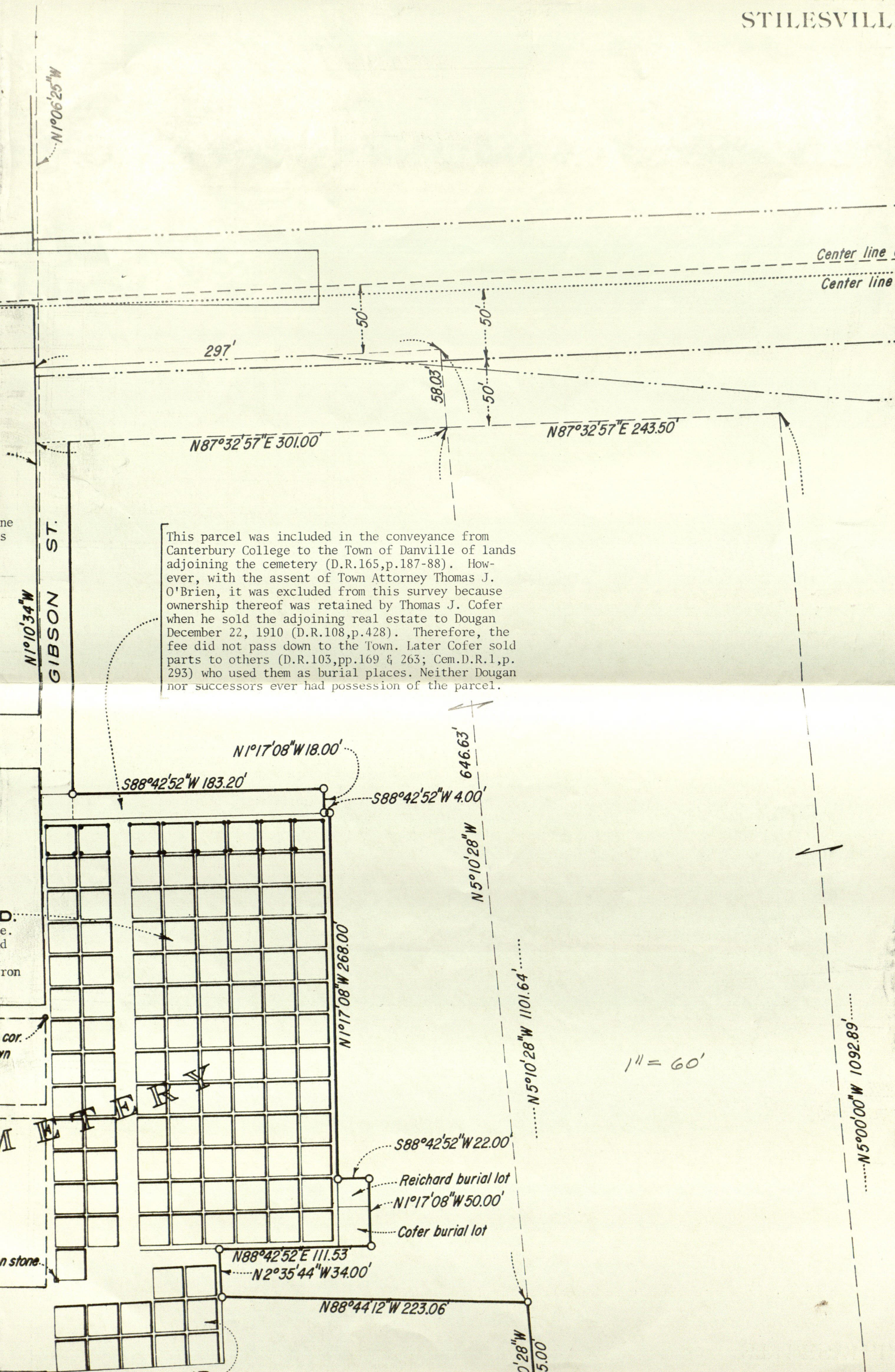
Map of 1868 - 1869

NW 1/4 Sec. 11 1/2 22-15-1E



2 of 144 = 755
2 of 144 = 1637

12 Aug. 1968
Robert W. Montgomery, PE





1" = 60'

I, the undersigned, do hereby certify that I have above described property in accordance with the original survey and that this plat is a true representation of said property.

Given under my hand and seal September 26



Center of E. abutment of
old T. H. I. & E. Tr. Co.
bridge \

west about.
gone 1977

Old I. & I. Central RR.
1870 09' 51" E --

N 87° 09' 21" E
N 87° 32' 57" E 1088.
T.H.I. & E. Tr. Co. R/W

597.937

E.R.R. R/w by Dennis

ive to park

$N 87^{\circ} 32' 57'' E \quad 300.997'$

Cemetery

came 0.85' SE of
old steel post line

N 88° 44' 12" W

← 271° 15' 48"

182° 26' 12"
38.081

6'  Pipe Set

\$ U.S. 36

The deed creating this Δ (D.R. 52/141) describes it this way:

But the evidence on the ground indicates
it was laid out 2/1/18

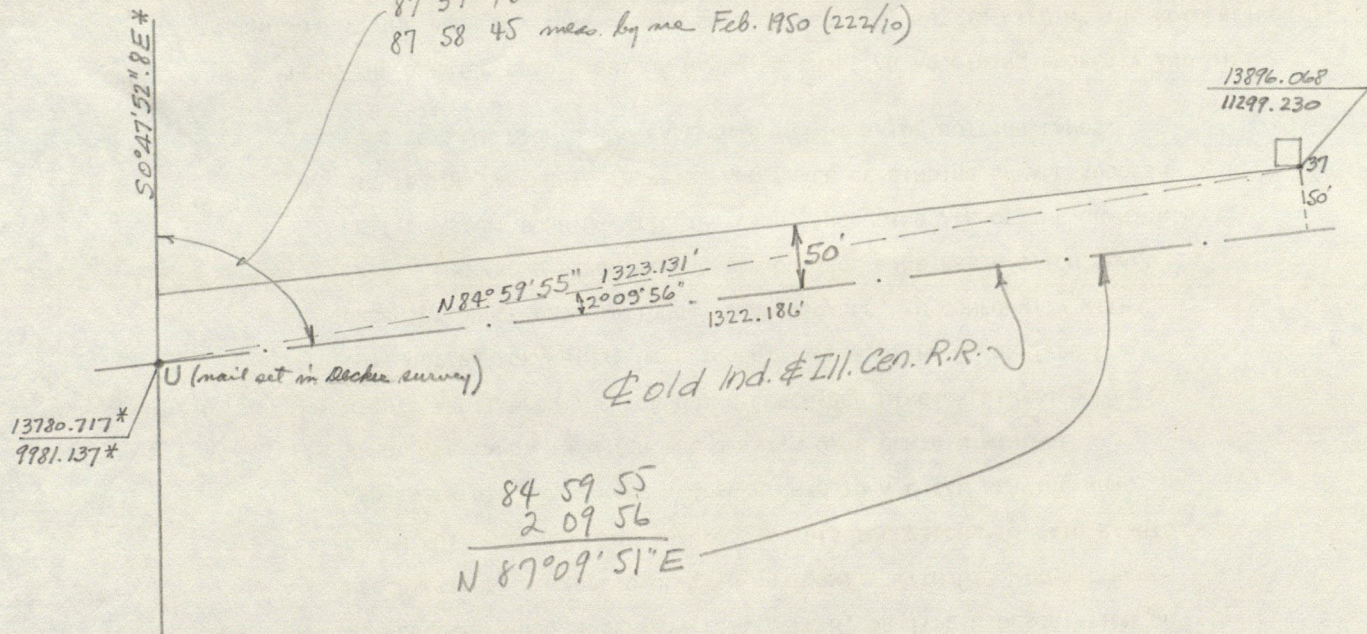


To determine beg. of E of old Ind. & Ill. Central Ry.

0 47 52.8
84 59 55
2 09 56

87 57 43.8 calc.

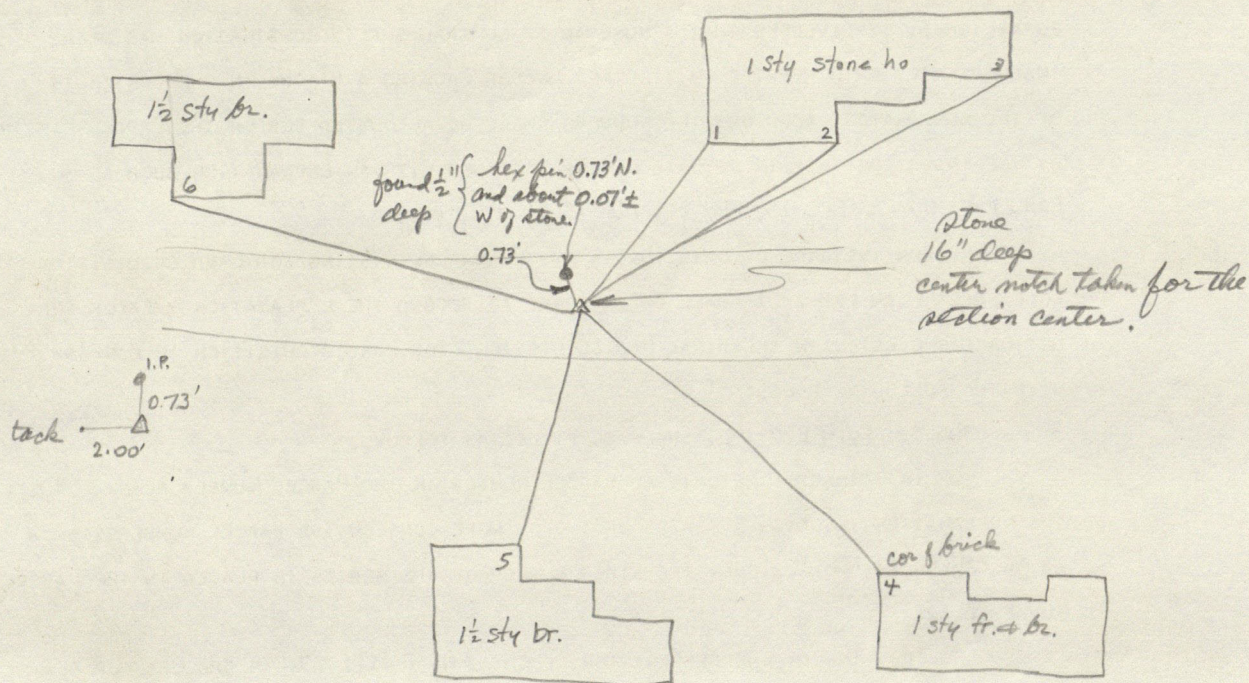
87 58 45 mea. by me Feb. 1950 (222/10)



84 59 55
2 09 56
N $87^{\circ} 09' 51'' E$

* From Comer survey calcs. based on Decker survey field work

CEN. SEC. 3-15-1W



corner	hor. $\angle$	vert. $\angle$	meas. slope	final slope	hor.	linear error	final
1	0°00'00"	276°00'	113.23 R.	113.295'	112.674	-0.004	112.67'
2	11°04'10"	275°34'	121.90'	121.90'	121.325	-0.010	121.32'
3	24°55'35"	275°04'30"	161.36'.37'	161.365'	160.732	+0.006	160.74'
4	98°11'50"	271°15'30"	316.73 R. 74' R	316.80'	316.724	-0.010	316.71'
5	176°03'40"	267°29'15"	196.28 R	196.345'	196.156	0	196.16'
6	281°38'10"	271°55'	262.84'	262.84'	262.693	0	262.69'

R = back of prism against corner, making it necessary to add 0.065' to the meas. to compensate for the offset.

Magnetic Station at County Home

Danville, Hendricks County. - The station of 1908 was reoccupied. It is on the county poor farm about 1 mile east of Danville. It is in a pasture on the north side of the public road which crosses the farm and is about 200 feet northeast from the bridge which crosses a small creek at the west side of the farm. It is 15 paces north of the pasture fence. A meridian line was established with the north stone in a clearing 800 feet north from the magnetic station. The marking stones are heavy Bedford limestone posts 0.68 by 1 by 4.5 feet, and lettered "U.S.C. & G.S., 1908." Copper plugs $2\frac{1}{2}$ inches long are driven in the center of both stones. The south stone projects about 6 inches above the ground. The north stone is buried deep enough not to interfere with plowing. The following true bearings were determined in 1928:

Right edge of city standpipe(steel)..... $80^{\circ}21.8'$ W. of N.

South gable of farmhouse..... $28^{\circ}14.8'$ E. of N.

Southwest corner of main building at county
farm - halfway up..... $45^{\circ}45.8'$ E. of S.

Near corner of stack of county-farm heating
plant..... $29^{\circ}24.8'$ E. of S.

Declination reduced to March, 1933: $0^{\circ}41'E$.

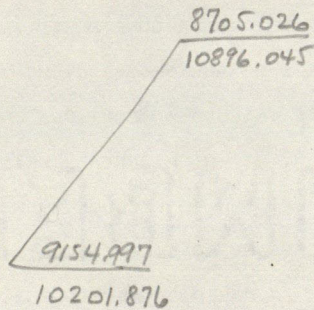
Annual decrease: $2'.9$.

Transcribed by Stanley Shartle, Dep. Surveyor, 1942.

By
Can see 10000 10000
Iron pin
can see 10000 10788.36 →

stone can see
9999.27 10788.43

$\frac{10094.397}{10231.936}$ E cor in 10th St.



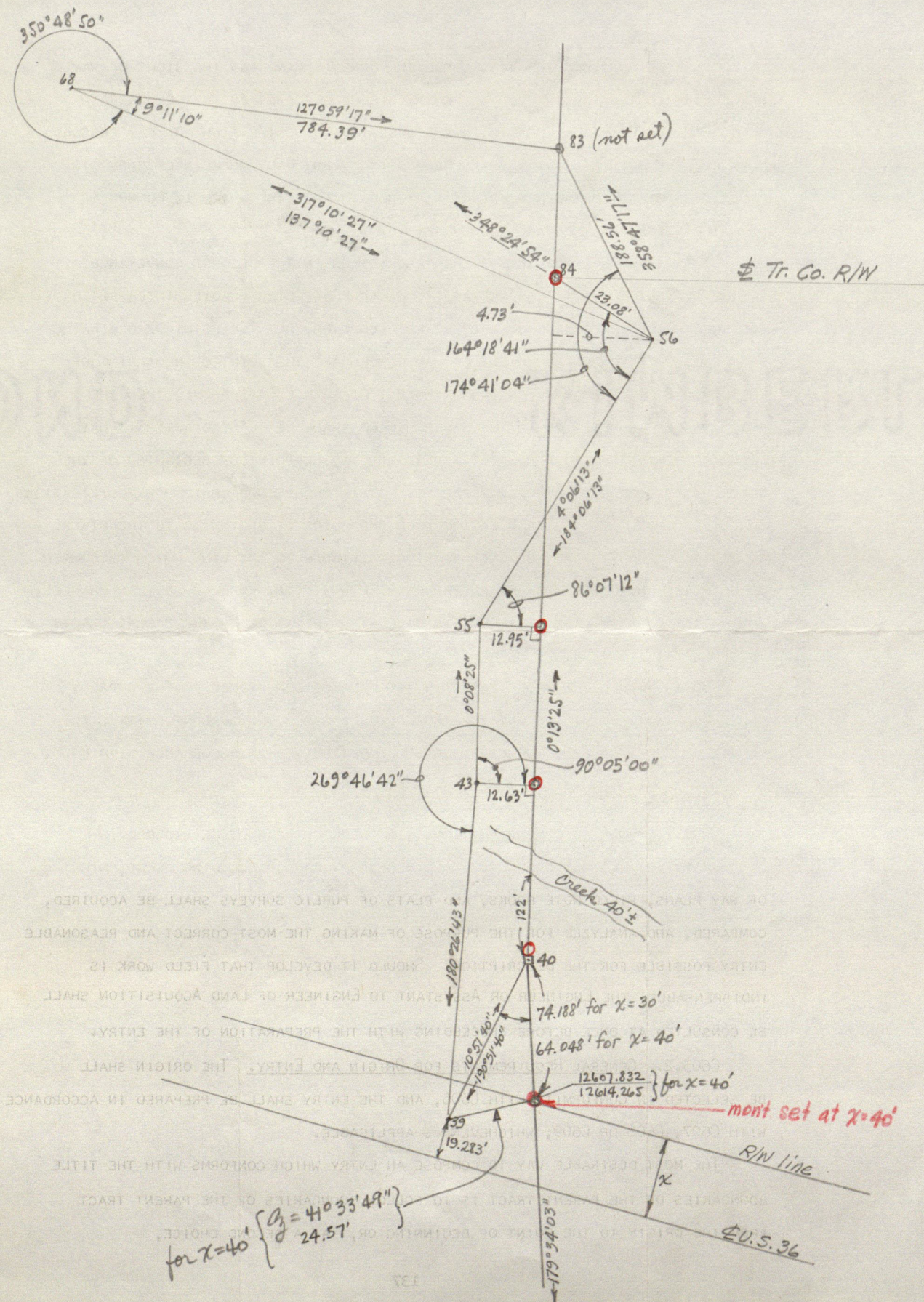
By Budnick plat:
pipe found N of old traction line:

to PK N of bridge $302^{\circ}57'06''.9$ 827.251
to I.P. for can see 3 $355^{\circ}14'47''.2$ 1299.444
to stone at can see 3 $355^{\circ}14'48''.7$ 1298.710

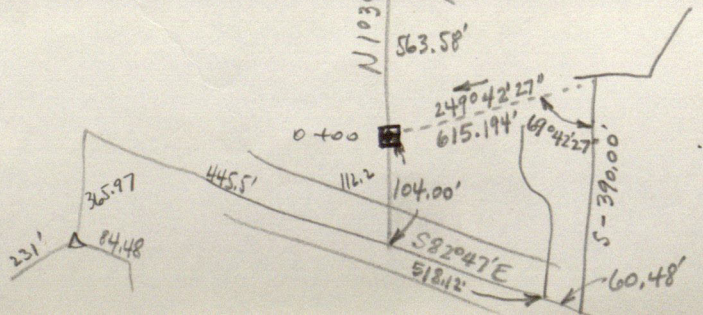
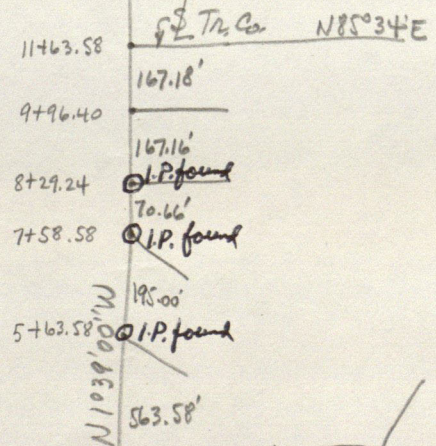
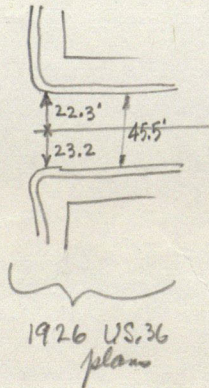
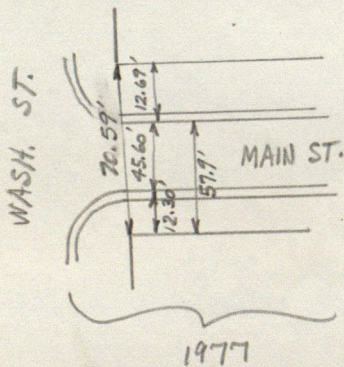
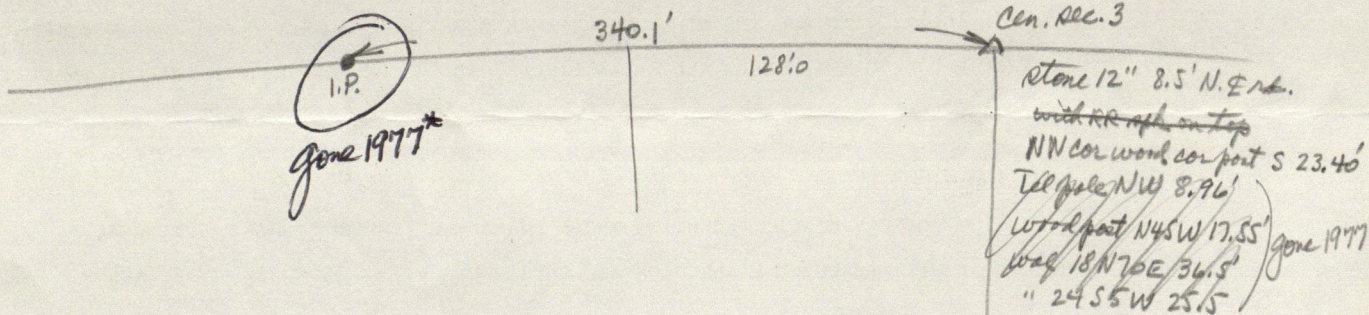
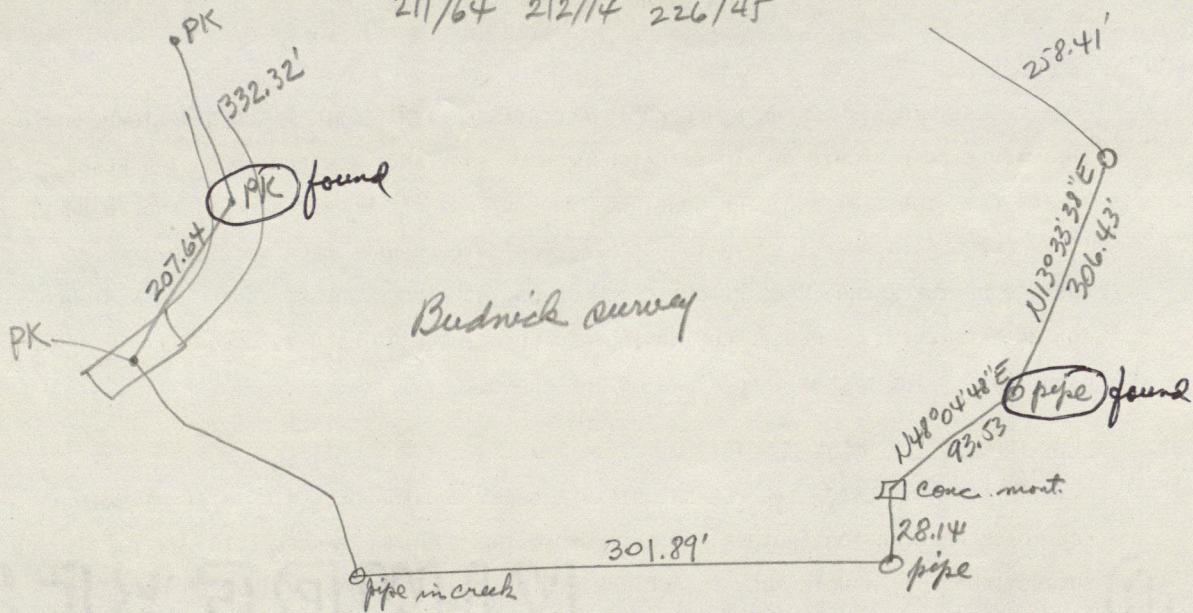
by Skittle, 1977	by diff.
$303^{\circ}05'32''$ 811.760	+ $0^{\circ}08'25''.1$
$355^{\circ}42'26''$ 1292.342 *	
$355^{\circ}42'46''$ 1293.065	+ $0^{\circ}27'57''.3$

* May 26, 2005

STAKING SHEET



Field Book: 221/155 225/63
211/64 212/14 226/45



* My old pin on
1/2 sec. line lost
in earl grading

13317.214
11311.129

90°12'23".4 →
S89°47'36".6 E 1323.421'

N.O.T.

13321.984
9987.716

Convergence = 0°05'50" by ray old work

S89°41'46".6 E 0°00'03".5 (Camer survey)
S89°41'56".1 E Park survey

Sec. line by Camer
survey extended
from south

650.293'
179°53'10"

661.40'

12666.925
11312.420
1301.371'
N89°11'34"E 1301.438'
12655.8165
11312.443

12669.54
11298.14

N89°46'54"E 1322.273'
S89°44'13"E 1322.300'

12661.886
9990.157

3S90°47'17".3 →
N0°12'42".7 W 1320.205'

N0°06'50"W
661.40'

672.507'

660.1025

S.O.T.

11994.419
11313.757

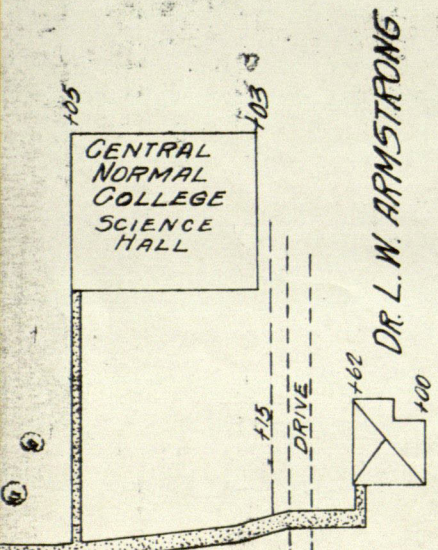
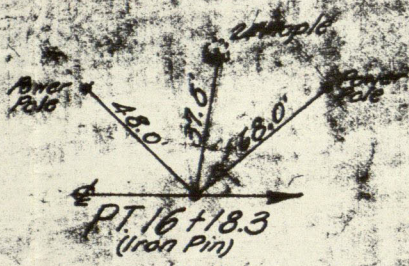
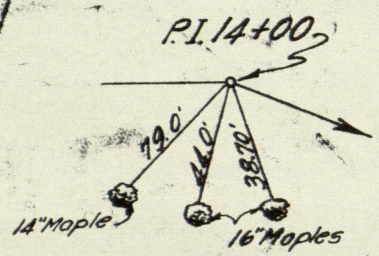
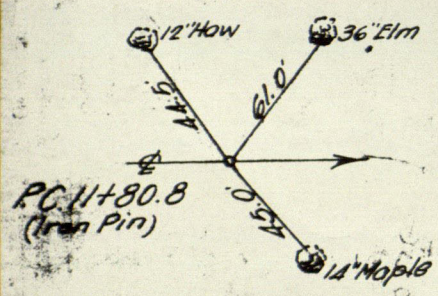
12001.788
9992.598

N0°12'42".7 W

10000.000
10000.000

FEDERAL DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND	1926	3	89

SECTION 10

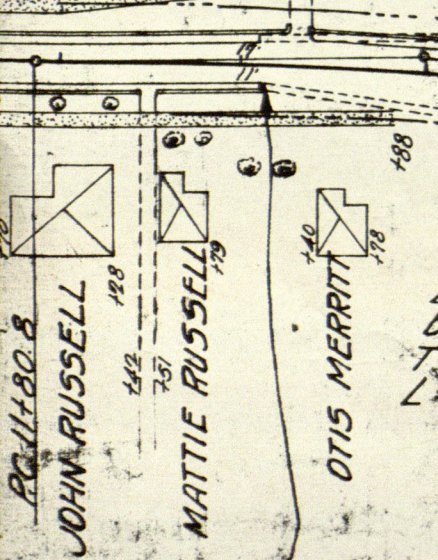


W. A. KING
(Pasture)

STRUCTURE NO. 13
4x3' St'd. R.C. Box Culv. under
fill. req'd. Skew 30°
L=92' Wings W/ W/ Remar
log culv. See plans Sheet N°16

CITY PARK

S.W. Cor. Water Works Building



$\Delta = 8^\circ 45'$
 $D = 2^\circ 00'$
 $T = 219.2'$
 $L = 437.5'$

PT. 16+18.3

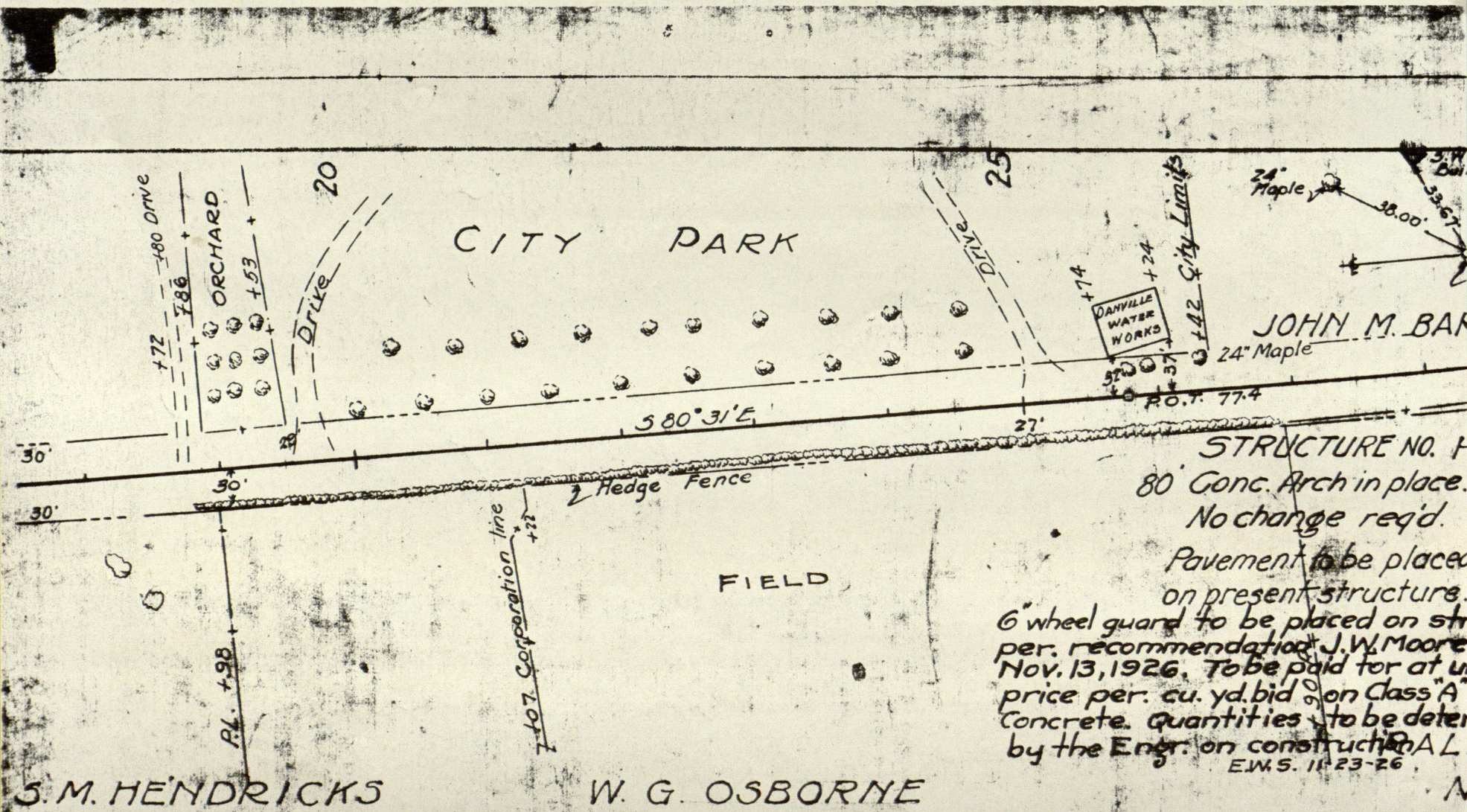
S. M. HENDRICK'S

W. O. OSBORNE

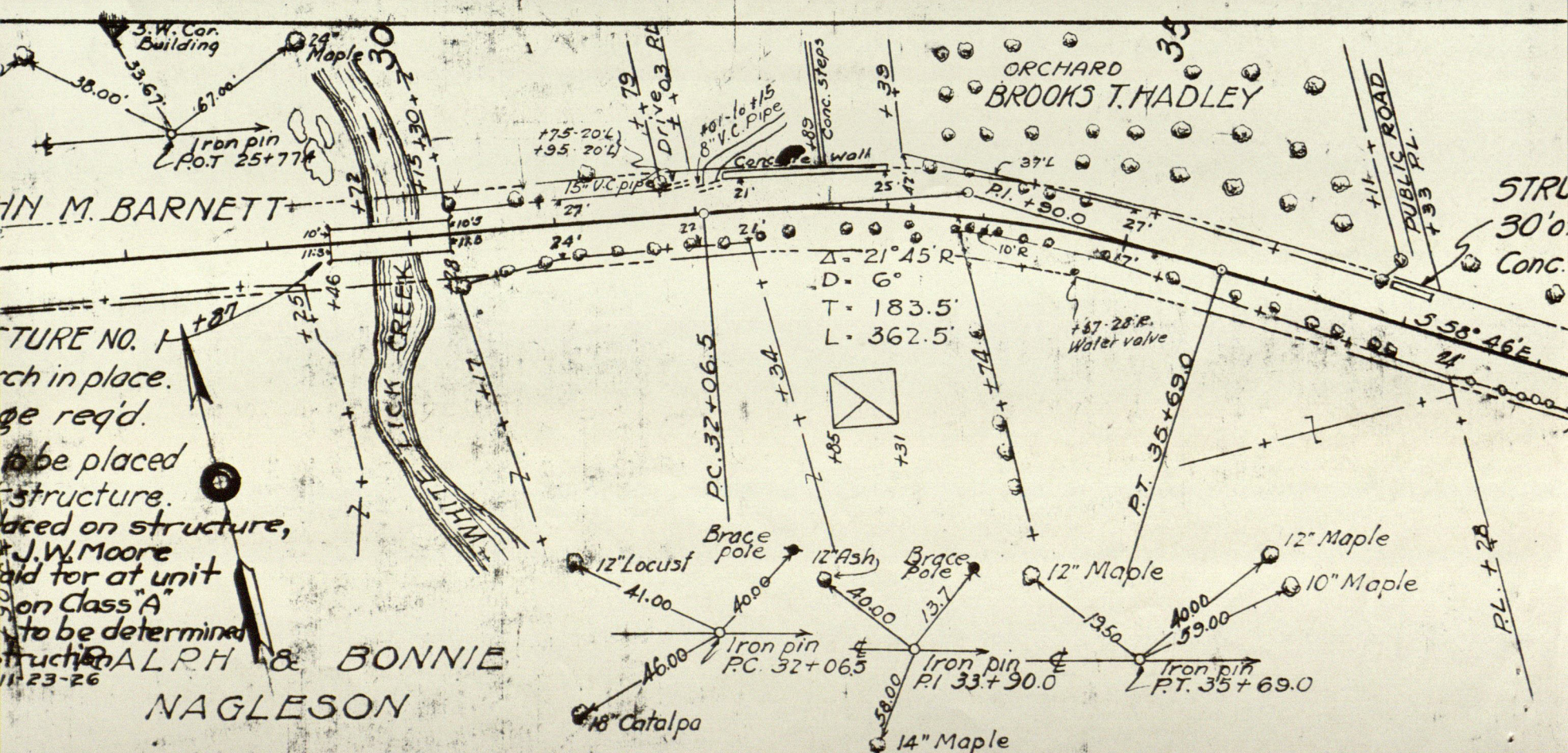
CITY WATER WORKS

PT. 25+77.4 (Iron Pin)

STRUCTURE NO. 12
ch Basin req'd.
pped into 24" V.C.



DM #6	EL 842.72	Boat spike in side of 6" Maple	32' L of 23+35
DM #7	" 854.55	" " " " 24" "	45' L " 37+63



M. BARNETT

STRUCTURE NO. 1

arch in place.

ge req'd.

to be placed

structure.

placed on structure,

J.W. Moore

aid for at unit

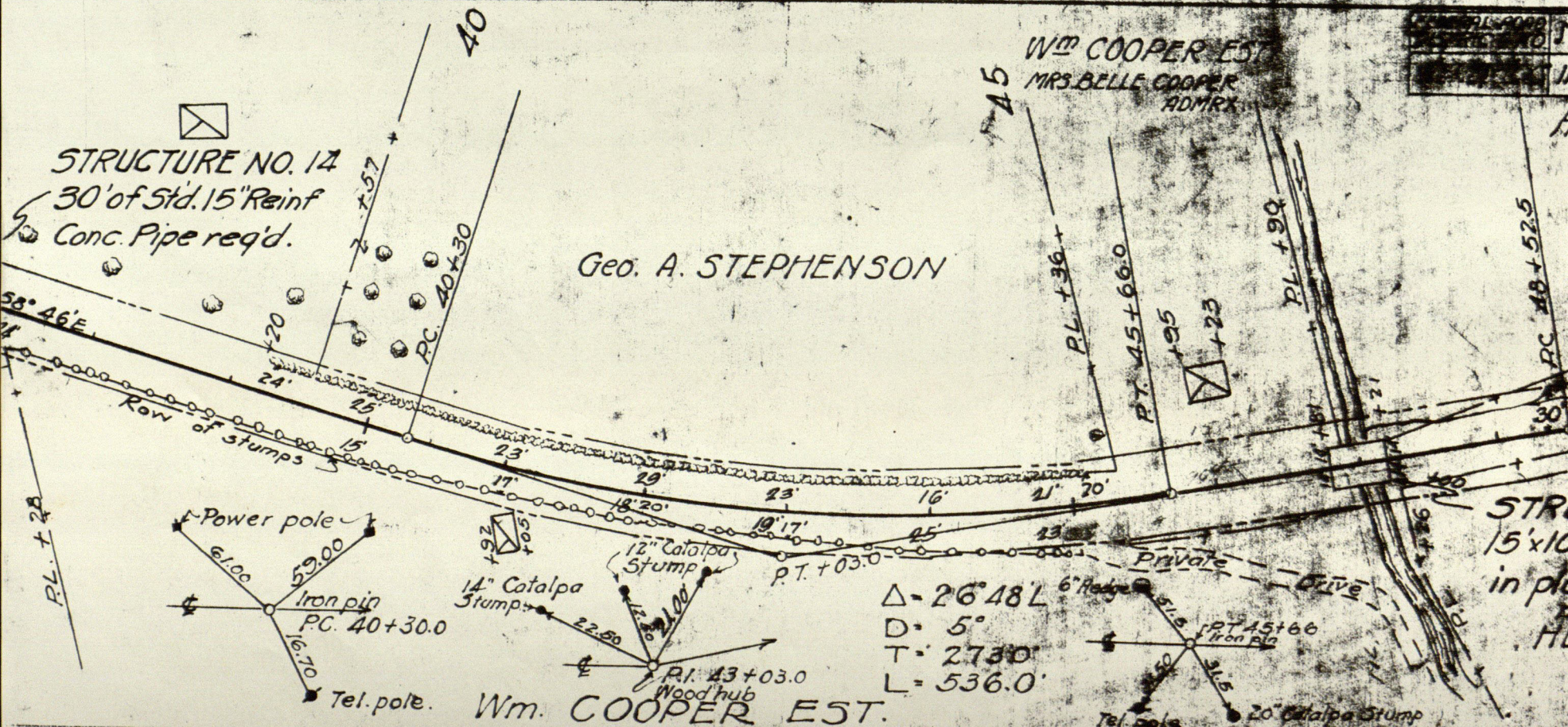
on Class "A"

to be determined

struction

ALPH & BONNIE

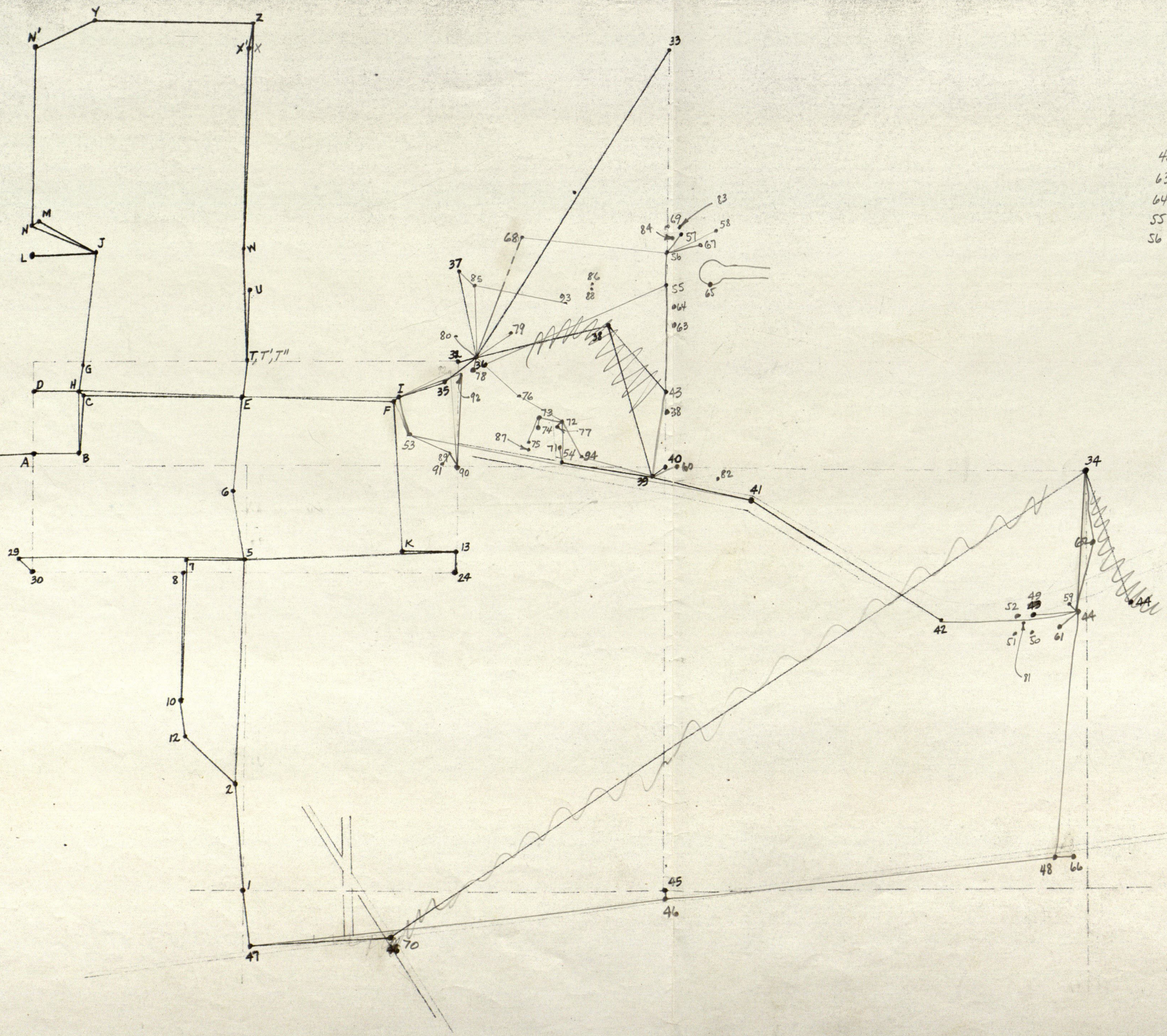
NAGLESON



next available



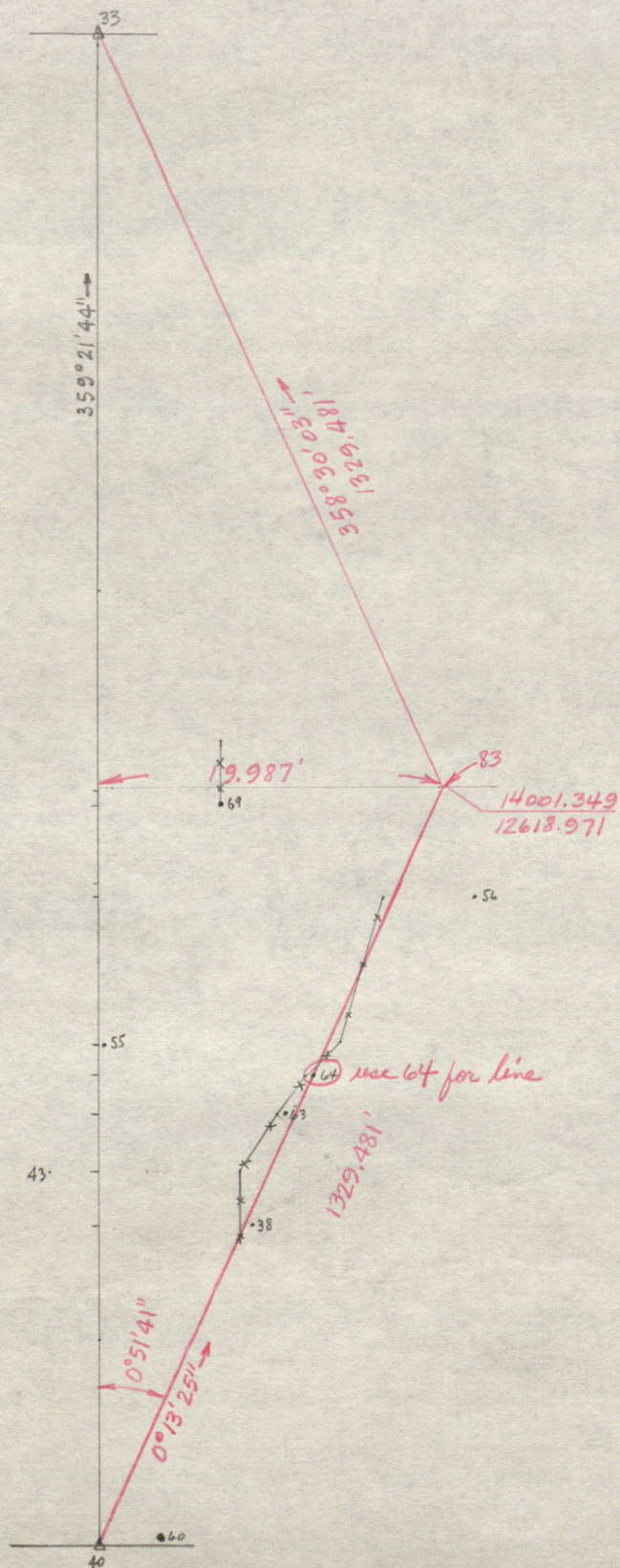
43 is 11.1' W of the fence
 63 is 0.5' E " " "
 64 is " " " " "
 55 is 13.7' W " " "
 56 is 5.3' E " " "



61 = nail found with '46"
 painted nearby

hor. $1'' = 10'$
vert. $1'' = 300'$

hor. 1" = 10'
 vert. 1" = 300'



- 191 Temp. point (nails cap)
 192 Temp. point (PK nail left in place near E. edge pavement)
 193 " " (" " " " " " " " " ")
 194 " " (" " " " " " " " " ")
 195 " "
 196 " "
 197 + on stone at NE cor. 33-16-1W
 198 drill hole in N² Mi. stone 33-16-1W
 199 Temp. point (nail near S. edge pavement)
 200 plug 1½" deep at S² Mi. 4-15-1W
 201 Temp. point
 202 " "
 203 " "
 204 + on E² Mi. stone 33-16-1W
 205 S² Mi. stone 33-16-1W
 206 N² " " 4-15-1W
 207 Temp. point
 208 " " (nail & cap)
 209 " "

4-15-1W
33-16-1W County

- 158 Stone SW cor. 33-16-1W
- 159 " NW " 4-15-1W
- 160 " SE " 33-16-1W (drill hole)
- 161 " NE " 4-15-1W (cross cut)
- 162 Cen. E. NE⁴ 4-15-1W
- 163 Iron pin Cen. E. SE⁴ 33-16-1W
- 164 Stone Cen. Sec. 4-15-1W
- 165 Temp. point
- 166 " " - nail
- 167 " "
- 168 " "
- 169 Iron pin P.O.T. "D" sta. 485+00
- 170 Temp. point
- 171 road nail P.I. "D" sta. 496+09.4 = sta. 50+00 "S-SR 236"
- 172 Temp. point
- 173 PK nail P.O.T. "D" 505+04.93
- 174 pipe W¹/₂ mi. 33-16-1W
- 175 " NW cor. 33-16-1W
- 176 R.R. spk. W² mi. 28-16-1W
- 177 pipe Cen. W NW⁴ 28-16-1W
- 178 boat spike
- 179 Temp. point
- 180 " "
- 181 " "
- 182 approx. Cen. N. Cen. 4-15-1W - intersection of old fences at SW edge 22" cherry - no stone search ground frozen
- 183 Temp. point
- 184 " " (PK nail in S. side of street)
- 185 " "
- 186 intersection of fences near NW cor. of wood cor. post
- 187 N side of cor. post
- 188 Temp. point
- 189 " " in fence
- 190 " " " "

I.W.D. Chem. Disposal

- 128 Tempy. point
- 129 " "
- 130 " " (tack in tie left in place)
- 131 center of conc. cor. post for Cen. S. SW⁴ 11-15-1W
- 132 pipe for SW cor. 11-15-1W - use 153 instead.
- 133 S¹/₂ Mi. Stone 11-15-1W
- 134 Tempy. point (not used)
- 135 " " (" ")
- 136 " " (nail & cap left in place)
- 137 SE cor. old wood cor. post for Cen. N. SW⁴ 11-15-1W
- 138 ~~stone on hillside~~ ^{proved to be false} 8x10x18, possibly by Trotter (straightened up but not positively identified)
- 139 metal detected in blacktop, possibly a Lehigh survey corner
- 140 " " " " (probably not " " ")
- 141 " " " " , possibly a " " "
- 142 " " " " " " " "
- 143 " " " " " " " "
- 144 " " " " " " " "
- 145 " " " " " " " "
- 146 square I.P. set by Lehigh for NW cor. 11-15-1W - 44.5' S. of R.R. R/W fence
- 147 in E-W fence
- 148 " " " "
- 149 P-K nail found in cross-tie of W.B. track
- 150 center of old wood brace post
- 151 I.P. found near P.I. in Cartersburg Road
- 152 road nail & bottle cap in tie, E.B. lane of R.R.
- 153 most probable sec. cor. - I.P. ~~set~~ set 0.4' W. & 0.2' S. of Lehigh's pipe
- 154 stone 9x11x12 found on W. side of cor. post, 30 rods (record) W. of the section center
- 155 W.F. Franklin's stone 15 chains (record) N. of SE cor. 11-15-1W
- 156 Tempy. point approx. on N. SE⁴ 11-15-1W about 99' W. of E. ctr. cor. (no stone found)
- 157 My final W² Mi. 11-15-1W - a 1³/₈" x 69" pipe driven down 63"

I.W.D. Chem. Disposal

95 Tempy. point

96 " "

97 " "

98 " "

99 " "

100 " "

101 " "

102 " "

103 " "

104 " "

105 " "

106 " " (tack in tie left in place)

107 " " (nail left in place)

108 " " in line with fence N. (R.R. apk. left in place)

109 " " (nail left in place)

110 " " (R.R. apk. left in place)

111 " "

112 " "

113 Stone Center of Sec. 11-15-1W

114 Tempy. point (nail left in place)

115 " " (R.R. apk. left in place)

116 " " (" " " " " ")

117 " " (" " " " " ")

118 " "

119 " "

120 " "

121 " "

122 center of east side of Hackberry tree

123 Tempy. point (R.R. apk. left in place)

124 " " (" " " " " ")

125 " " (" " " " " ")

126 + on conc. mont. at S² Me. 10-15-1W

127 Tempy. point

- 66 U.S.C. & G.S. bench mark atop twin bridges.
- 67 Point in S. fence of old T.H. 1. & E. Tr. Co. R/W
- 68 PK nail of Budnick's survey of N. addition to Park
- 69 Approx. loc. of fence for N-S $\frac{1}{2}$ Sec. 3-15-1W
- 70 Temp. point on bridge deck
- 71 " " in old fence for $\frac{1}{2}$ Park.
- 72 " " (nail set)
- 73 " " (unmarked)
- 74 NW cor. steel cor. post
- 75 " " " "
- 76 Approx. SE cor. nave grave lot
- 77 NE cor. steel cor. post
- 78 temp. point
- 79 wood cor. post (old) for NE cor. cemetery
- 80 " " " for cor. of cemetery
- 81 center of conc. bridge on U.S. 36 S. of highway garage.
- 82 NW cor. N. conc. railing of bridge carrying U.S. 36 over creek
- 83 reloc. Cen. E. SW $\frac{1}{4}$ 3-15-1W
- 84 $\frac{1}{2}$ SW $\frac{1}{4}$ 3-15-1W at $\frac{1}{2}$ T.H. 1. & E. Tr. Co. R/W.
- 85 Temp. point
- 86 " "
- 87 E. edge steel cor. post
- 88 point in E. old T.H. 1. & E. Tr. Co. at east abutment of former bridge
- 89 Temp. point (nail at N. edge S walk "Main St.")
- 90 old pipe found
- 91 NE cor. brick foundation of house
- 92 Temp. point (unmarked)
- 93 " " "
- 94 " " "

See Corner & checker survey for other points

Lawville Park

- 33 Center sec. 3-15-1W - stone
- 34 SE cor. sec. 3-15-1W - stone
- 35 temp. point (R.R. spike left in place)
- 36 " " (Center of loop in R of CHARLIE headstone on Ayers lot in cemetery)
- 37 SE cor. conc. footing for steel cor. post. See field book 225, p. 91.
- 38 I.P. in conc. found
- 39 temp. point (nail in N. shoulder U.S. 36)
- 40 my old conc. mon't for S $\frac{1}{2}$ mi. Stone 3-15-1W
- 41 temp. point (R.R. spike left in place)
- 42 " " (unmarked)
- 43 " " (unmarked)
- 44 " " (unmarked)
- 45 monument Center Sec. 10-15-1W
- 46 temp. point (R.R. spk. left in place)
- 47 " " (tack in cross tie)
- 48 " " (R.R. spk. left in place)
- 49 SE cor. N conc. rail of culvert
- 50 NE " S " " " "
- 51 NW " " " " " "
- 52 SW " N " " " "
- 53 temp. point (R.R. spk. left in place)
- 54 " " (destroyed before put to use)
- 55 " " unmarked
- 56 " " (I.P. flush & left in place)
- 57 Budnick's pipe cor. of north add. to park
- 58 N. fence of old T.H. 1.9 E. Tr. Co. R/W
- 59 I.P. found -
- 60 I.P. " - possibly meant for the S $\frac{1}{2}$ mi. 3-15-1W
- 61 nail found with "46" painted nearby
- 62 temp. point (R.R. spk. left in place but not used)
- 63 I.P. found for SW cor. lot in Parkview Sub.
- 64 " " " NW " " " " "
- 65 " " " NE " " " " "

Lee Corner, Danville, Ind.

- C axle on E Clinton St. 0.20' W. of E Ky. St.
 E pipe at E's of Wash. & Clinton Sts.
 T highest tip of I.P. in its bent-over position (straightened to vert. position 3-9-77, see T" below)
 V drill hole in conc. walk
 W nail
 1 2nd Mi. stone 9-15-1W
 2 R.R. spk. traverse point 2.95' W. of NW cor. of base of Milton Henton grave stone
 3 NE cor. of NE cor. marker of lot 20 Jessie T. Matlock's Add. to S. Cemetery
 4 my old stone at NW cor of Matlock's Graveyard - cut + on top 1-4-77.
 5 P-K nail traverse point in intersection of S walk Broadway & E walk Wash. St.
 6 D.H. in R.R. spk. in Ct. Ho. yard
 7 P-K nail traverse point
 8 my old cross in W. walk Jeff. St. for W Jeff. St. @ E O.T. Danville
 9 " " stone with + at SW cor. Matlock's Add. to Danville
 10 " " " which replaced smaller stone found at SE cor. Honan & Thomas Add.
 11 NE cor. conc. retaining wall at W. edge W. walk Wash. St. near E O.T.
 12 temporary point
 13 I.P. at N. edge N. walk Broadway - See Yockey survey
 14 wood cor. post for prop. cor.
 15 " line " " P.L.
 16 SE cor. brick bldg. at NW cor. Main & Wash. St.
 17 SW " " " " NE " " " "
 18 NW " " " " SE " " " "
 19 SW " " " " NE " Wash. & Marion St.
 20 NE " " " " SW " " " " (on the brick, not the stone ledge)
 21 NW " " " " SE " " & Clinton St.
 22 SW " " " near SW cor. lot 1 block 27 O.T.
 23 Dick Lewis' iron pin for SW " " 1 " 36 "
 24 axle at SE cor. O.T. Danville
 25 SE cor. brick bldg. at NW cor. Jeff. & Marion Sts.
 T" I.P. after straightening to vertical position 3-9-77 (0.21' N. & 0.16' E. of T)
 32 pipe at NE cor. O.T. Danville

See Decker survey

ELLIS PARK

Becker

- A My old cross on walk 72.60' N. of Cen. S. SE⁴ 4-15-1E
- A' Metal detected under walk 26.05' E & 0.5' or 0.6' S. of A
- B Temp. point
- C Pole in E Clinton St. 0.20' W of E Ky. St.
- D My old R.R. spike on W E² SE⁴ at N. edge N walk Clinton St.
- E My pipe at E Clinton & E Wash. Sts.
- F Temp. point called B in Yockey Survey of 3-25-76
- G Temp. point (no mark)
- H Temp. point (nail)
- I My I.P. at E Clinton & E Wayne Sts.
- J I.P. prop. cor. on N side old North Salem Rd.
- K Temp. point called C in Yockey survey of 3-25-76
- L Stone at cen. of SE⁴ Sec. 4, 12" deep under fence.
- M My old I.P. 206.25' N of L.
- N Temp. point
- N' + on stone set by Bennett for me many years ago at cen. N. SE⁴ Sec. 4
- O Old wood hub in fence S. of road
- P Temp. point
- Q E Clinton St. @ E Ky. St. (0.20' E. of C) (destroyed)
- R E locust post said by Carl Etienne to be where stake was removed to set post
- S E stump near where a stake once was set, according to James Becker
- T Temp. point on tip of bent over I.P. about 0.08' S. & 0.06' W of E of I.P.
- T' Approx. E I.P. found (surveyor unknown)
- U Nail for E Sec. 4 @ E 1/4 C.R.R. from my old ties (R.R. spike gone)
- V Drill hole found in walk probably where my cross once was
- W Temp. point (nail)
- * X R.R. spike found for E² mi. 4-15-1W but is 0.05' E. and 0.025' S. of D.H. in stone
- Y Temp. point
- Z " "
- Z' Pipe at NE cor. O.T. Danville
- T" True E I.P. after straightening up on 3-9-77 (0.21' N. & 0.16' E. of T)
- X' D. Hole in stone at E² mi. 4-15-1W, with D.H. in R.R. set above 3-27-78

* X (D.D. set with D.H.) moved to X' over D.H. in stone on 3-27-78

Job Howville ParkDate 3-14-77Hg. 29.20Temp. 64°At 44

Point	Direction	ZA	Observed slope distance	Mean	Hor. distance
48	0°00'00"	270 52 20	1641.12 .11 .10 .11 .10	.108	1640.918
42	106 24 45	268 42 37	968.25 .25 .25	.25	968.005
62	208 34 08	271 59 26	658.22 .21 .21 .21	.21	657.813
49	106 06 33	266 38 06	412.91 .92	.915	412.203
at 44 { 50	102 11 34	266 37 20	412.55 .54	.545	411.828
51	102 15 39	266 53 41	452.61 .62	.615	451.950
52	105 49 29	266 41 31	452.99 .00	.995	452.240
59	154 07 33		.	.	33.52
61	97 32 44		.	.	23.72
34	207 29 04	271 48 30	814.81 .83 .85 .83 .82 .82 .83	.827	814.421
			.	.	
at 41 { 42	0°00'09" 00"	269 32 50	778.41 .41 .39 .40	.402	778.378'
39	158 07 42 33"	269 22 40	778.50 .51 .51 .52 .51	.51	778.464'
54	157 37 53 44"	270 13 57	1445.64 .64 .64	.64	1445.628'
53	156 32 00 51"	271 29 29	2429.59 .60 .59 .59 .60	.594	2428.771'
			.	.	
at 42 { 44	0°00'00"		.	.	
41	204 41 14		.	.	
			.	.	
at 39 { 41	0°00'08" 00"		.	.	
40	270 36 26 18"		.	.	
60	272 47 00 52"		.	.	
43	260 11 27 19"	270 17 00	739.88 .87 .88	.877	739.868'
			.	.	
at 55 { 43	^{354 59' 36"} 0°00'07" 00"	258 26 22	227.56 .54 .55 .56 .55	.552	222.936'
I.P.* 63	354 17 32 56"	258 57 03	125.09 .08	.085	122.766'
I.P.* 64	346 05 24 48"	263 17 50	53.96 .95 .95	.957	53.588'
56	183 57 22 48"	271 16 34	261.31 .30 .31 .31	.308	261.243'
I.P. 65	245 48 51 (41'15")	268 25 30	166.46 .45	.455	166.392'
78	81 42 41 (43'05")	270 32 41	1218.56 .57 .58 .57	.57	1218.515'
			.	.	

* 41.20 05'E 076.1m

Job Flanville ParkDate 3-15-77

Hg. _____

Temp. 73°

At _____

	Point	Direction	ZA	Observed slope distance	Mean	Hor. distance
at 43 11.1' W of fence	39	0°00'03 00"		.	.	
	55	179 41 22 19"		.	.	
	38	351 50 29 26"		.	.	94.65'
at 56 5.3' E. of fence	55	0 00 11 00"		.	.	27.8'
	67	215 31 00 49"		.	.	27.8'
	57	194 06 12 01"	270 31 10	235.31 .33 .33 .34 .35 .34	.333	235.323'
	58	216 59 13 02"	270 16 16	235.24 .24	.24	235.237'
	68	133 04 25 14"	266 36 51	916.90 .91 .90	.903	915.303'
	69	173 52 00 49"	269 15 10	158.26	.26	158.25'
				3-16-77	.	
at 47 6.715' N. 8° E R.R.	46	0°00'11" 00"	269 48 44	2558.86 .83 .83 .84 .82 .84	.837	2558.823'
	1	265 21 42 31"	270 27 00	439.78 .78 78	.78	439.766'
	70	1 17 56 45"	271 16 20	849.09 .09 .09 .09	.09	848.881'
at 48 18.625' S. 8° E R.R.	66	0°00'22" 00"		.	.	100.11'
	46	180 32 36 14"		.	.	
	44	269 03 44 22"		.	.	
at 46 16.09' N. 8° E R.R. Middle Post br. rail	48	0°00'06" 00"	269 45 45	2630.52 .55 .53 .53 .53	.532	2630.509'
	47	179 01 53 47"		.	.	
	45	280 57 21 15"	249 06 06	57.80'	.80	53.998'
				4-28-77	.	
at 85	86	0°00'10" 00"	268 38 24	1066.39 .40	.395	1066.09'
	37	254 27 39 29		.	.	75.90'
	36	83 27 49 39	272 26 11	448.58 .58 .58	.58	448.174'
at 73	87	0°00'00"		.	.	233.8'
	72	277 06 56		.	.	

Job Manville Park

Date 3-21-77 Hg.

Temp.

At

Point	Direction	ZA	Observed slope distance	Mean	Hor. distance
at 72 { 54	0°00'10" 00"	271 32 10	333.28 .29 .29	.288	333.168
73	96 17 36 26	272 44 00	249.28 .28	.28	248.996
76	110 27 30 20	276 43 30	395.85 .83	.84	393.12
77	30 25 02 52		.	.	19.85'
at 73 { 72	0°00'06" 00"		.	.	
74	88 57 03 57		.	.	37.46'
75	83 26 26 20		.	.	
at 54 { 72	0°00'03" 00"		.	.	
71	359 20 28 25		.	.	20.0'
41	102 52 34 31		.	.	
at 1 { 2	0°00'16" 00"		.	.	
47	169 45 56 40		.	.	
at 53 { I	0°00'21" 00" } ^{good}		.	.	
41	103 42 09 48 } ^{obs.}		.	.	
at I { S3	0°00'11" 00"	270 37 20	277.96 .96 .96 .96	.96	277.944
C	95 ²⁰ 35 25	271 10 00	1968.05 .07 .06 .07 .06 .06 .08	.064	1967.656
35	274 04 20 08 ^{142.1}	268 19 13	358.32 .34 .33 .34 .33 .33	.332	358.178
E	95 20 30 20	270 55 03	982.07 .05 .07 .07 .06 .06 .06	.063	981.937 (USE 981.836 FROM CORNER JOB)
at 35 { I	0°00'11" 00"		.	.	
36	111 13 08" 58		.	.	

Job Hamville Park Date 3-21-77 Hg. _____ Temp. _____

Date 3-21-77

Hg.

Temp.

At

[illegible]

Job Stanville Park

Date 6-10-77 Hg. 29.40 Temp. 70

At

[illegible]

1919 survey on trial azimuth

Reg. at 0+00

		12770.047	9994.611
90°17'11"	1307.0'	12763.514	11301.595
94 45 11	124.7	12753.181	11425.866
98 01 11	389.8	12698.799	11811.854
99 14 11	1478.5	12461.488	13271.184
104 35 11	112.4	12433.181	13379.961
120 19 11	651.8	12104.136	13942.609
117 27 11	109.0	12053.885	14039.335
111 45 11	106.8	12014.304	14138.530
107 22 11	102.5	11983.704	14236.355
101 56 11	90.8	11964.924	14325.192
94 12 11	233.7	11947.796	14558.264

280 12 49.1 4637.135

280 11 51.4

rotate 0°00'57".7

12770.047
9994.611

35.50'

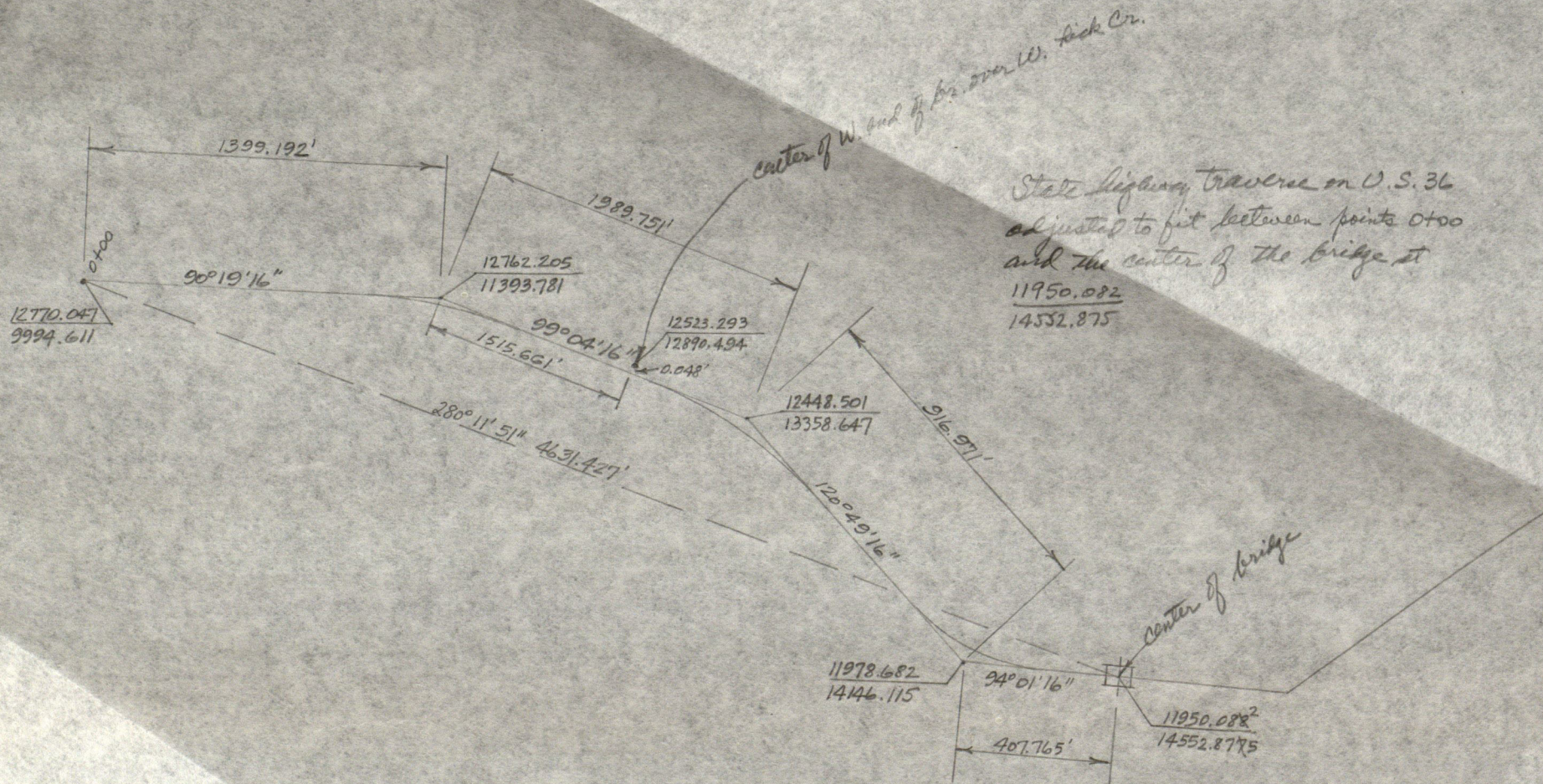
280°11'51".4

4631.427

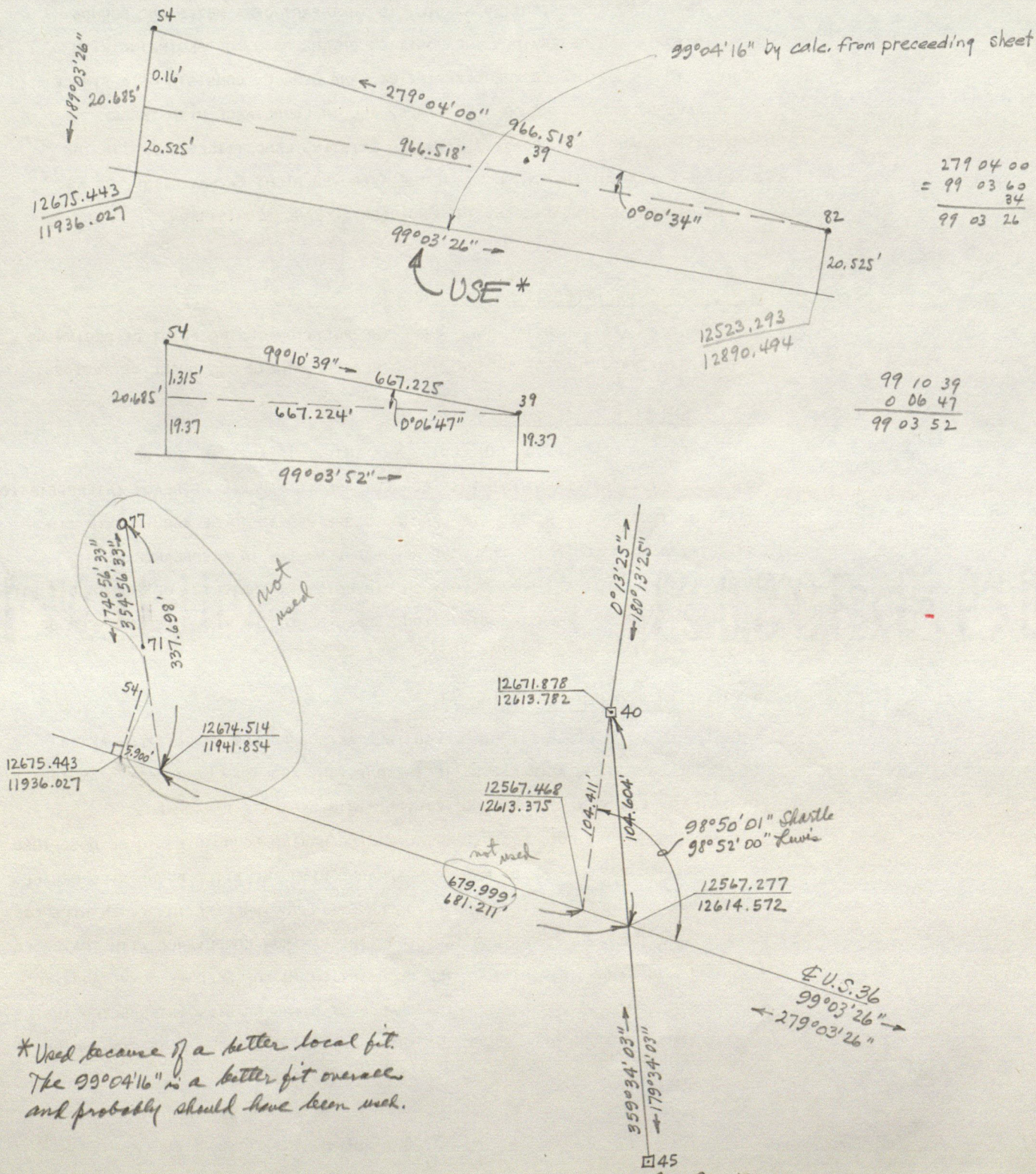
11950.082
14552.875

11947.796
14558.264

$$\text{scale factor} = \frac{4631.427}{4637.135} = 0.9987690675$$



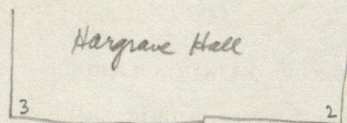
To determine az. of E of U.S. 36 at Park



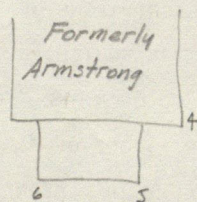
*Used because of a better local fit.
The $93^{\circ}04'16''$ is a better fit overall
and probably should have been used.

To find the E of Rockville Rd. (Co. Unit Road) of 1919 (Field Book 68)

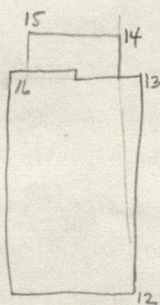
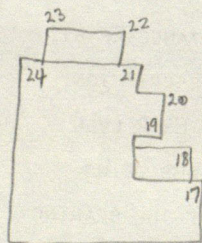
	Az.		12000+	11000+
1	342 15 30	33.97	763.32	263.42
2	6 44 20	203.15	932.72	297.61
3	340 46 50	214.69	933.70	203.10
4	50 29 30	160.96	833.37	397.95
5	53 00 25	153.50	823.33	396.37



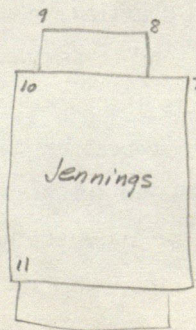
	Az.		12000+	11000+
6	43 00 40	126.53	823.49	360.08
7	122 49 10	96.10	678.88	354.53
8	119 30 40	90.73	686.28	352.73
9	127 33 45	67.74	689.68	327.46
10	132 21 20	69.85	683.91	325.39
11	153 17 10	100.03	641.62	318.74
12	181 35 00	73.70	657.30	271.73
13	183 10 15	32.75	698.27	271.96
14	186 51 45	25.02	706.13	270.78
15	229 24 50	38.15	706.15	244.80
16	223 56 20	43.30	699.79	243.72



2.6' ±
U.S. 36



89
12730.971
11273.768



	Az.		12000+	11000+
17	229 30 00	69.42	685.89	220.98
18	234 27 45	65.95	692.64	220.10
19	Obscured			
20	248 10 00 ±	68.10	705.64	210.55
21	252 08 55	70.35	709.40	206.80
22	256 38 30	75.40	713.55	200.41
23	259 17 30	91.97	713.88	183.40
24	257 38 40 ±	99.55	709.67	176.52

3-point problems trying to find 13+07 on the 1919 survey of Rockville Rd:

13-21-24

8-12-13

8-12 24

5-8-12

5-13-24

12757.6894

12763.104

12763.111

12763, 061

12760.349

11300.2438

11 301.153

11298.827

11 302,404

11 300.074

} cools.

65.807

92.532

111.633

115,063

105.184

109.819

93.854

91,804

68.149

132.716

71.103

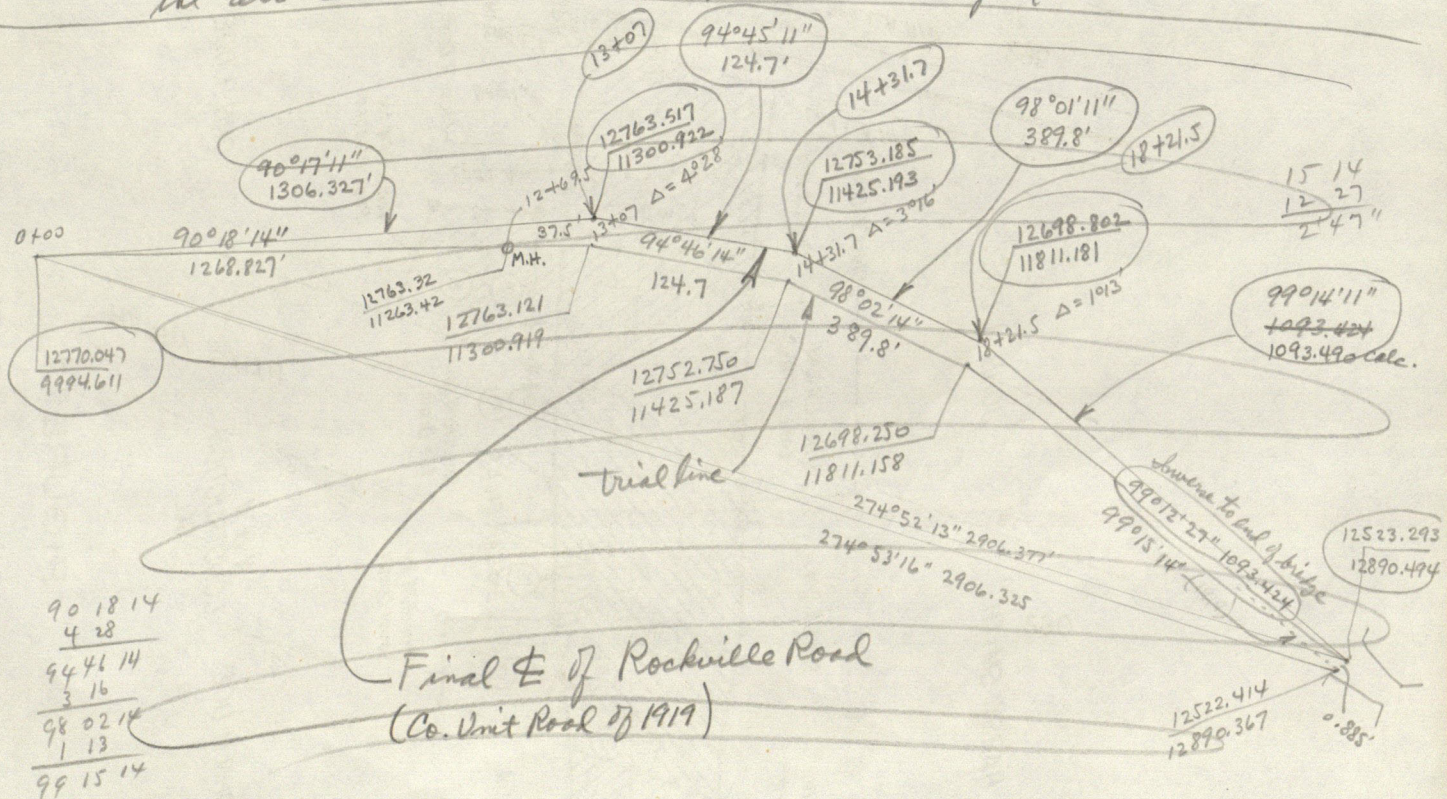
109.226

110.119

133,544

} distances to be
compared with
field book 68

the above trial abandoned as differences were too great



1919 survey on trial azimuth

Reg. at 0+00

		12770.047	9994.611
90°17'11"	1307.0'	12763.514	11301.595
94 45 11	124.7	12753.181	11425.866
98 01 11	389.8	12698.799	11811.854
99 14 11	1478.5	12461.488	13271.184
104 35 11	112.4	12433.181	13379.961
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117 27 11	109.0	12053.885	14039.335
111 45 11	106.8	12014.304	14138.530
107 22 11	102.5	11983.704	14236.355
101 56 11	90.8	11964.924	14325.192
94 12 11	233.7	11947.796	14558.264

280 12 49.1 4637.135

280 11 51.4

rotate 0°00'57".7

