

11, 12, 13-15-1W

COUNTY

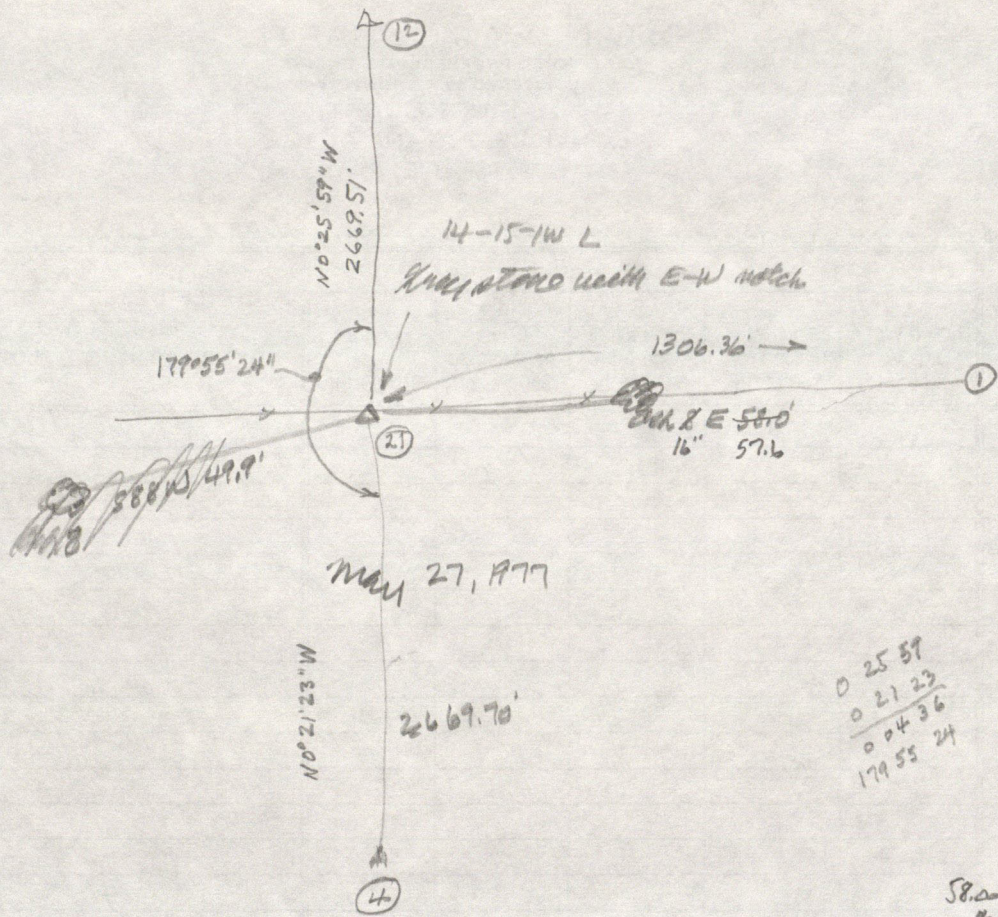
1477

Cor. Stone research

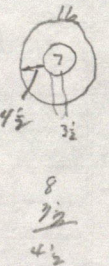
11-15-1W L

11-15-1W V

13-15-1W N

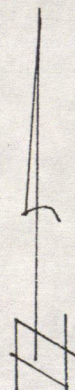


$$\begin{array}{r} 0.2559 \\ 0.2123 \\ \hline 0.0436 \\ 179.5524 \end{array}$$

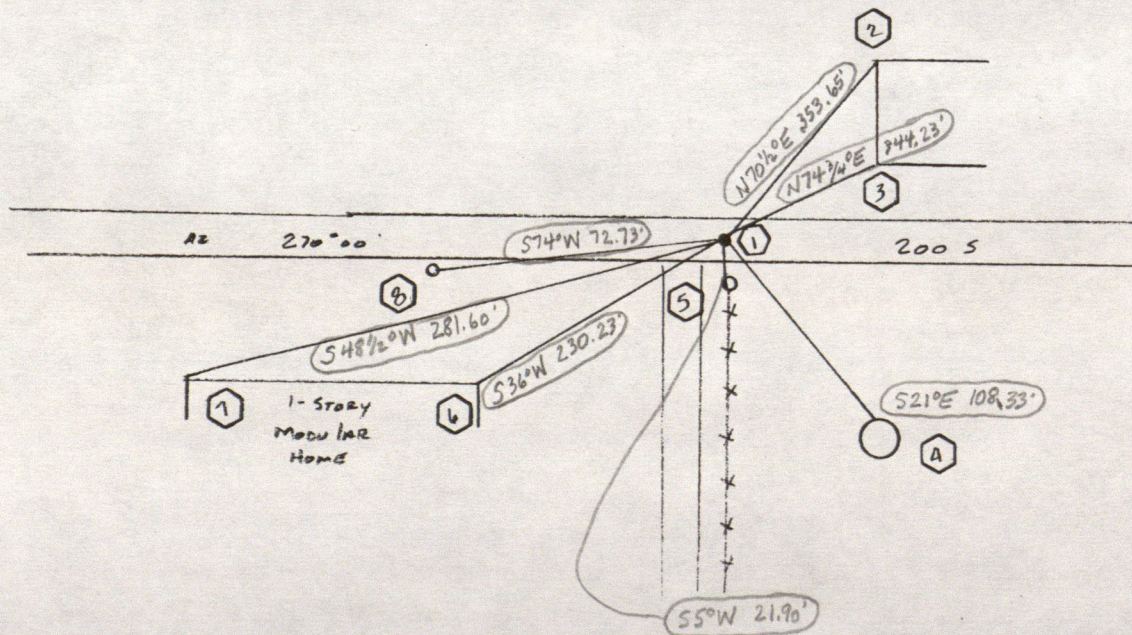


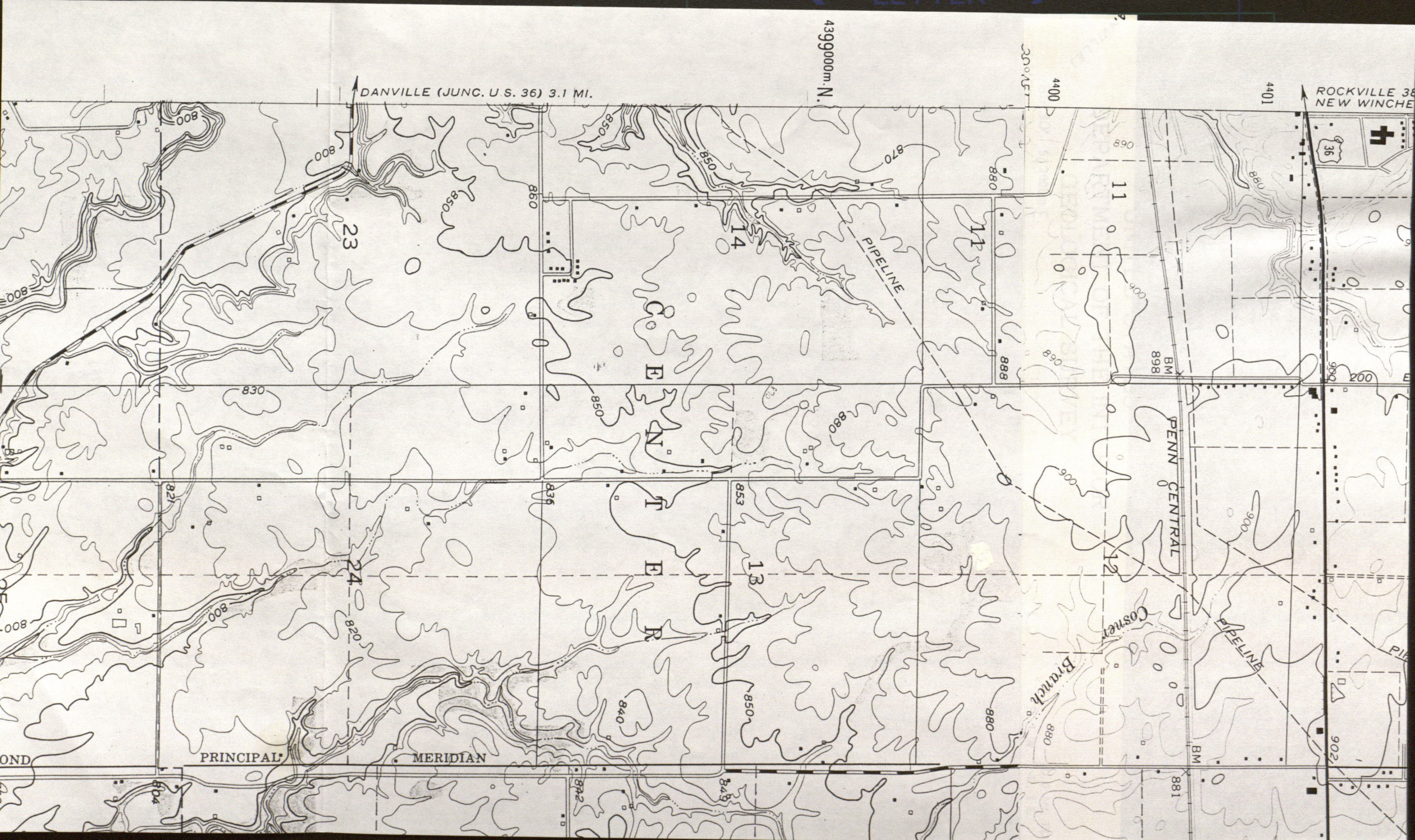
$$\begin{array}{r} 58.2 \\ \hline 52.6 \end{array}$$

- ① STONE FND 8" DOWN W/REBAR BENT OVER (SET COUNTY DISK OVER STONE)
- ② NW CORNER HSE $70^{\circ}33'$ 353.67(-R)
- ③ SW CORNER HSE $74^{\circ}45'$ 344.27(-R)
- ④ 42" WALNUT TREE $159^{\circ}13'$ 108.37(-R)
- ⑤ PKW/WASHER IN FENCE POST $184^{\circ}45'$ 21.94(-R)
- ⑥ NE CORNER HSE $215^{\circ}43'$ 230.27(-R)
- ⑦ NW CORNER HSE $228^{\circ}26'$ 281.64(-R)
- ⑧ PK IN POWER POLE $253^{\circ}45'$ 72.77(-R)



14-15-1W V







Chest A. Parsons, PE

Cheryl A. Cunningham, PE

SHEET OF

Stanley M. Shartle, PE LS

PARSONS, CUNNINGHAM, & SHARTLE ENGINEERS, INC.Job TRAVERSE 2ND PRINCIPLE MERIDIAN Date 1.17.00 Hg. 29.50 Temp. 19 °F.

POINT	DIRECTION	OBSERVED HORIZ. DISTANCE	MEAN DISTANCE
1	0°00'00"	2134.725 .725 .725 .725	2134.725
6	178°37'40"	3201.560 .560 .555 .555	3201.558
	357°15'27" 178°37'45"		
2	0°00'00"	3201.565 .560 .565 .560	3201.563
4	350°25'15"	32.675 .675 .675 .675	32.675
	340°50'40" 350°25'20"		
5	3°28'23"	32.250 .250 .250 .250	32.250
	6°56'48" 3°28'24"		
3	285°33'04"	150.560 .555 .560 .560	150.558
	211°06'00" 285°33'00"		
8	274°12'45"	3359.020 .020 .020 .025	3359.021
	188°25'35" 274°12'48"		
10	182°16'52"	2139.120 .120 .120 .120	2139.120
	4°33'52" 182°16'56"		
11	182°29'07"	2383.870 .870 .885 .885	2383.888
	4°58'15" 182°29'09"		
12	182°07'37"	3196.780 .780 .780 .780	3196.780
	4°15'23" 182°07'42"		
16	0°00'00"	3201.565 .560 .565 .565	3201.564
7	58°02'57"	22.740 .740 .740 .740	22.740
	116°05'52" 58°02'56"		

3201.562

3201.562

3359.014

3196.780

3201.562

Chester A. Parsons, PE

Cheryl A. Cunningham, PE

SHEET OF

Stanley M. Shartle, PE LS

PARSONS, CUNNINGHAM, & SHARTLE ENGINEERS, INC.

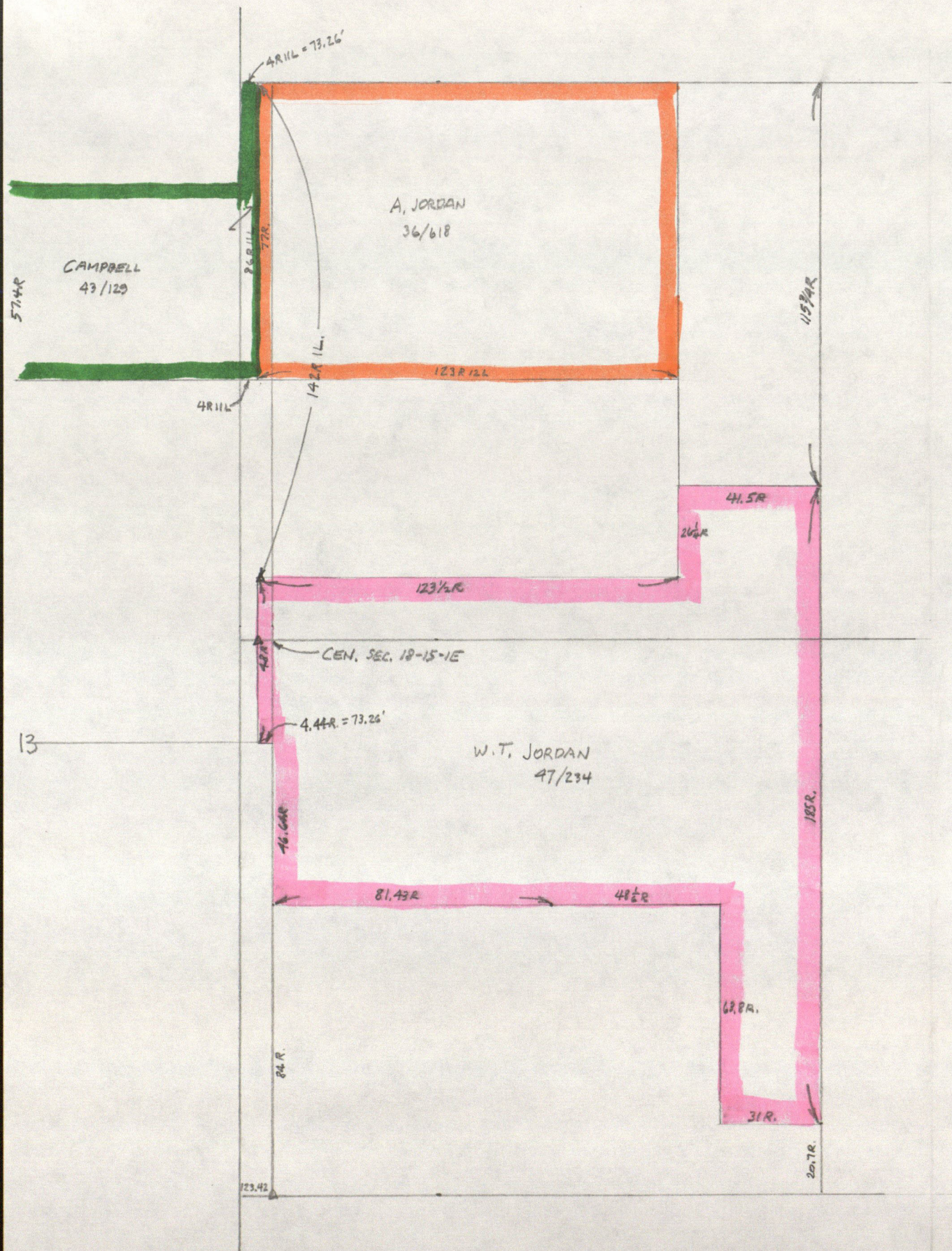
Job _____ Date 1.18.77 Hg. 29.50 Temp. 25 °F.

POINT	DIRECTION	OBSERVED HORIZ DISTANCE				MEAN DISTANCE	
12	6 0°00'00"	3196.780	.780	.780	.780	3196.780	3196.780
	13 181°21'57"	1243.180	.180	.180	.180	1243.180	1243.181
	2°43'58" 181°21'57"						
13	12 0°00'00"	1243.180	.180	.180	.180	1243.180	1243.181
	14 176°30'16"	2141.870	.870	.870	.870	2141.870	2141.868
	353°00'37" 176°30'19"						
14	13 0°00'00"	2141.865	.865	.865	.865	2141.865	2141.868
	15 185°08'08"	1320.770	.770	.770	.770	1320.770	1320.787
	10°16'22" 185°08'11"						
15	14 0°00'00"	1320.785	.785	.785	.785	1320.785	1320.787
	16 284°31'51"	107.475	.475	.475	.475	107.475	
	207°03'48" 284°31'54"						
12	13 0°00'00"	1243.180	.185	.185	.185	1243.184	1243.181
	10 178°17'30"	1057.670	.670	.670	.670	1057.670	
	354°38'58" 178°17'27"						
8	6 0°00'00"	3359.005	.010	.005	.010	3359.007	3359.014
	9 177°13'17"	796.460	.460	.460	.455	796.459	
	354°26'26" 177°13'13"						

JOB 2nd P.M. in Center Twp.

DESCRIPTIONS OF POINTS

1	RAILROAD TRACK Bolt E 1/2 mile 12-15-1W
2	BOAT SPIKE SET
3	Hole WHERE RAILROAD SPIKE WAS AT (Cay. of John Randolph Road)
4	REBAR END
5	REBAR w/ LEWIS ENG. CAP END
6	R.R. SPIKE w/Hole SET
7	R.R. SPIKE END
8	MAG NAIL SET
9	HARRISON MONUMENT at NW cor. E 2 SW 4 13-15-1W
10	PAINT DOT & METAL (at or near S 1/2 mile 18-15-1E)
11	PAINT DOT & EDGE OF WOODS (possibly E 13-15-1W?)
12	BOAT SPIKE SET
13	BOAT SPIKE SET
14	BOAT SPIKE SET
15	RAILROAD SPIKE SET
16	HARRISON MONUMENT over stone at SE cor. 24-15-1W
17	
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31	
32	

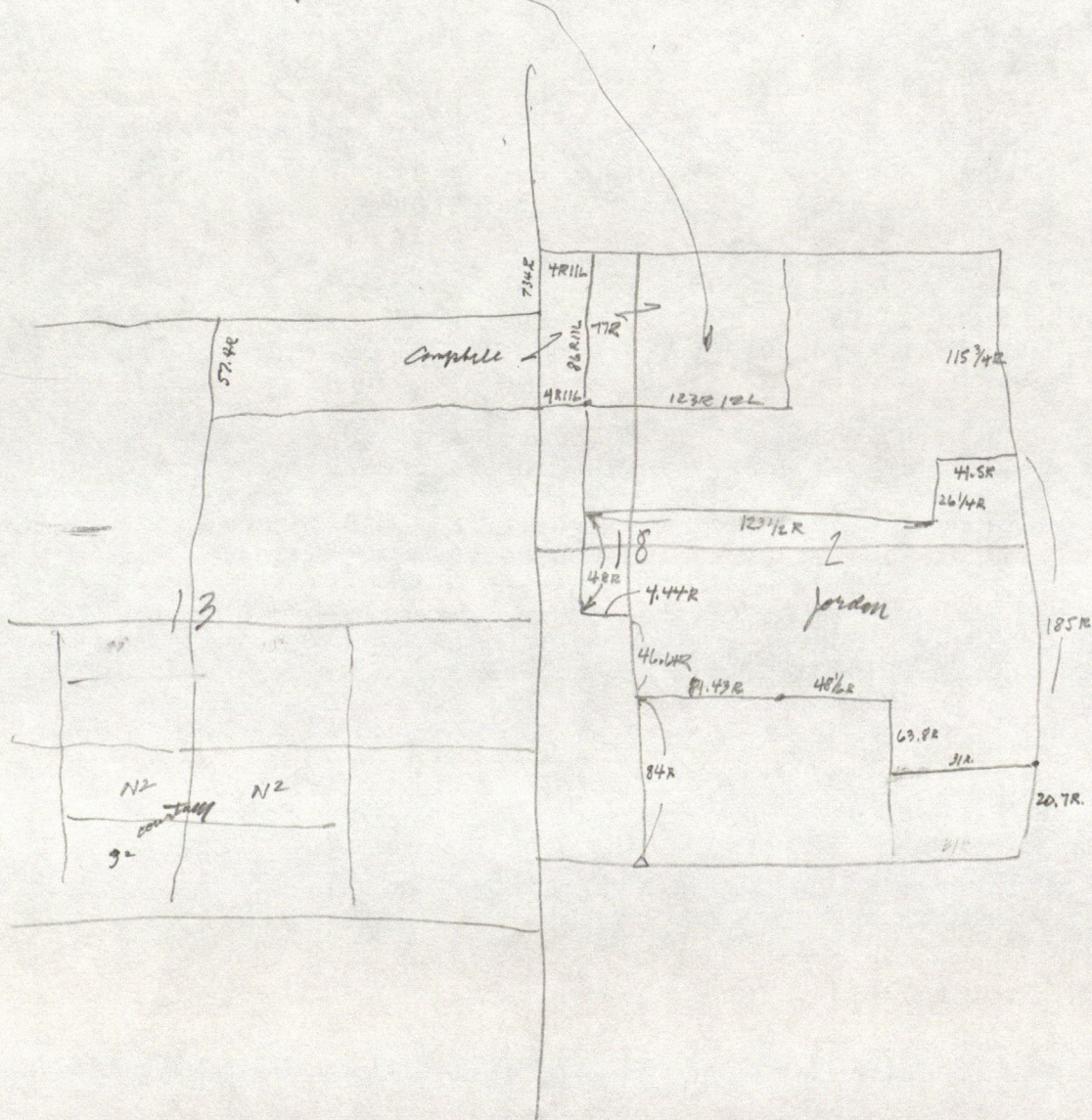


Campbell 43/129

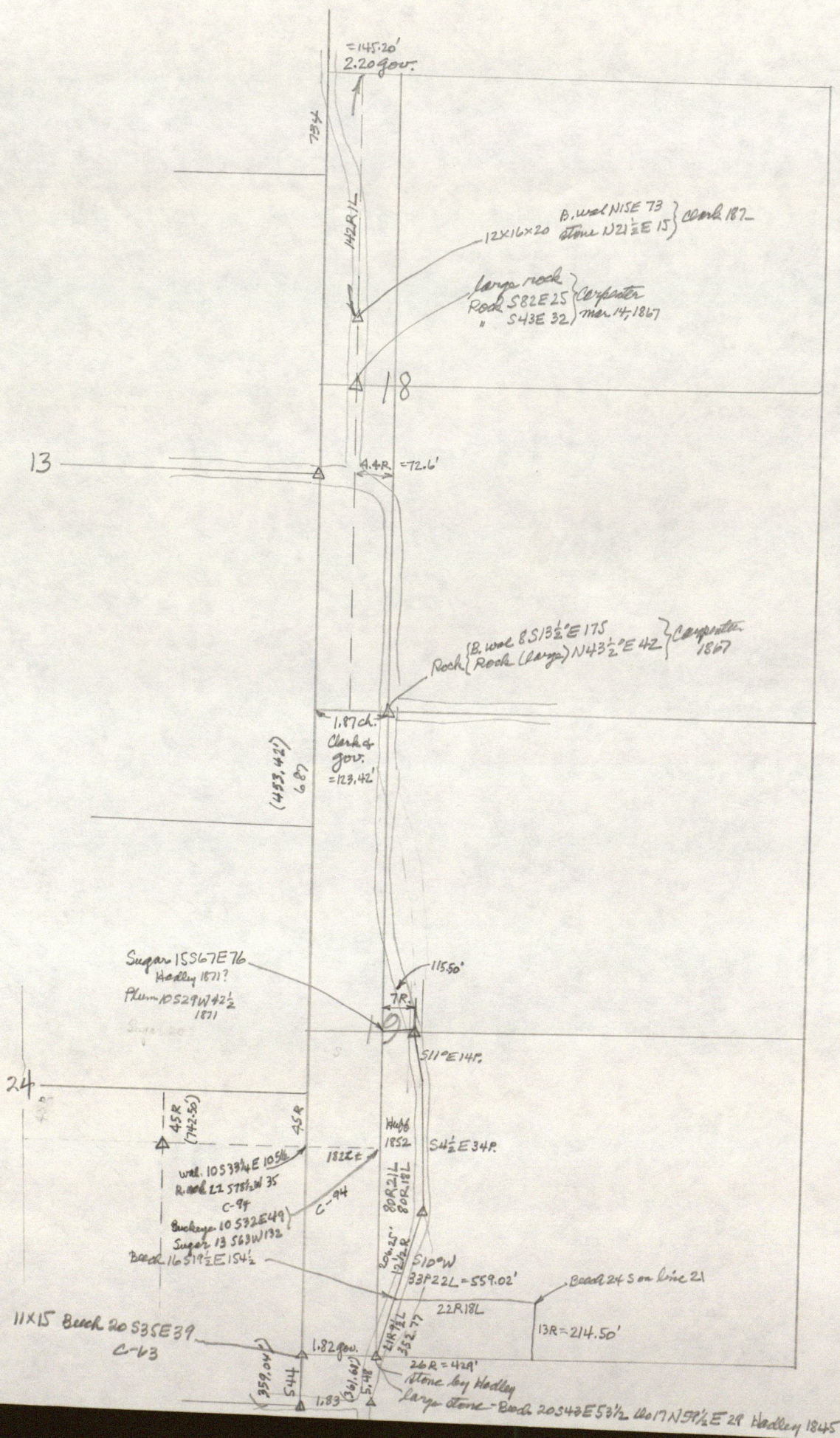
T. D. Courtney 41/228, 235

W. T. Jordan 47/234

A. Jordan 36/618



SMS
~~5299.77~~
 8516, 27
 Figg
~~7580~~
 7580 8518.5 with missing dist.



NW Cor. 7-15-1E

SOUTH
5480'



Sam Jordan Road 35' wide
Road Record 4/438, 442, 491

July 6, 1908

John W. Figg, Eng.

13,422' long by record

12,483.5' long by doc.

938.5' missing

S70°47'E
485'

S0°08'W
1015'

S0°34'W
600'

S88°45'E
60.5'

SOUTH
2221'

EAST 2622'

WASH.
TWP.

#2PM.DAT - 2½ miles of the Second Principal Meridian in Center
#Twp.

C	1	15000.00000	5000.00000	!	!
C	2	12865	5020		
D	1-2		2134.925	!	
B	1-16	S0-00-00E		!	

TB	1		
T	2	178-37-45	3201.562
T	6	182-07-42	3196.780
T	12	181-21-59	1243.181
T	13	176-30-19	2141.868
T	14	185-08-11	1320.787
T	15	284-31-54	107.495
TE	16		

TB	2		
T	6	274-12-48	3359.014
T	8	177-13-13	796.459
TE	9		

M	12-13-10	178-19-29	1057.670
M	6-2-10	182-16-56	2139.120

SS	6-2-4	350-25-20	32.675
SS	6-2-5	3-28-24	32.250
SS	6-2-3	285-33-00	150.558
SS	6-2-11	182-29-09	2383.888
SS	2-6-7	58-02-56	22.740

STAR*NET Adjustment Program
Version 5.040
Copyright 1993 STARPLUS SOFTWARE, INC.
Licensed for Use by Shartle Engineering
Serial Number 10270
Run Date : Tue Jan 18 2000 20:04:42

Station	Adjusted Coordinates (US Feet)		Description
	N	E	
1	15000.0000	5000.0000	
2	12865.2116	5024.1529	
6	9665.6373	5136.9496	
8	9794.2476	1780.3986	
9	9786.1097	983.9812	
10	7526.5355	5127.1408	
12	6468.8686	5130.8284	
13	5226.1000	5098.8096	
14	3085.5615	5174.2650	
15	1766.7292	5102.4353	
16	1799.3204	5000.0000	

Statistical Summary

=====

Number of Stations	=	11
Number of Observations	=	22
Number of Unknowns	=	20
Number of Redundant Obs	=	2

Observation	Count	Sum Squares	Error
		of StdRes	Factor
Angles	10	1.47	1.27
Distances	11	0.10	0.32
Az/Bearings	1	0.00	0.00
Total	22	1.58	0.89

Adjustment Passes the Chi Square Test at 5% Level

Adjusted Observations and Residuals

At	Adjusted Angle Observations		Residual	StdErr	StdRes
	From	To	Adj Angle		
2	1	6	178-37-45.00	0-00-00.00	2.14 0.0
6	2	12	182-07-43.53	0-00-01.53	2.09 0.7
12	6	13	181-21-58.08	-0-00-00.92	2.30 0.4
13	12	14	176-30-19.00	0-00-00.00	2.35 0.0
14	13	15	185-08-11.00	0-00-00.00	2.33 0.0
15	14	16	284-31-54.00	-0-00-00.00	11.34 0.0
6	2	8	274-12-48.00	0-00-00.00	2.06 0.0
8	6	9	177-13-13.00	0-00-00.00	2.59 0.0
12	13	10	178-19-27.82	-0-00-01.18	2.61 0.5
6	2	10	182-16-54.39	-0-00-01.61	2.14 0.8

Adjusted Distance Observations (US Feet)

From	To	Adj Dist	Residual	StdErr	StdRes
1	2	2134.9250	0.0000	FIXED	0.0
2	6	3201.5620	0.0000	0.0263	0.0
6	12	3196.7745	-0.0055	0.0262	0.2
12	13	1243.1810	0.0000	0.0206	0.0
13	14	2141.8680	-0.0000	0.0232	0.0
14	15	1320.7870	0.0000	0.0208	0.0
15	16	107.4950	0.0000	0.0173	0.0
6	8	3359.0140	0.0000	0.0267	0.0
8	9	796.4590	0.0000	0.0193	0.0
12	10	1057.6733	0.0033	0.0200	0.2
6	10	2139.1242	0.0042	0.0232	0.2

Adjusted Azimuth/Bearing Observations

From	To	Adj Bearing	Residual	StdErr	StdRes
1	16	S00-00-00.00E	0-00-00.00	FIXED	0.0

Adjusted Bearings and Horizontal Distances (US Feet)

From	To	Bearing	Distance
1	2	S00-38-53.58E	2134.9250
2	6	S02-01-08.58E	3201.5620
6	12	S00-06-34.96W	3196.7745
12	13	S01-28-33.04W	1243.1810
13	14	S02-01-07.96E	2141.8680
14	15	S03-07-03.04W	1320.7870

15	16	N72-21-02.96W	107.4950
6	8	N87-48-20.58W	3359.0140
8	9	S89-24-52.42W	796.4590
12	10	N00-11-59.14W	1057.6733
6	10	S00-15-45.81W	2139.1242
1	16	S00-00-00.00E	13200.6796

Horizontal Traverse Closures of Unadjusted Observations

=====

(Beginning and Ending on ADJUSTED Stations)

TRAVERSE # 1

Begin at 2, Backsight Bearing to 1 = N00-38-53.58W

From	To	Unadj Bearing	Unadj Dist
2	6	S02-01-08.58E	3201.5620
6	12	S00-06-33.42W	3196.7800
12	13	S01-28-32.42W	1243.1810
13	14	S02-01-08.58E	2141.8680
14	15	S03-07-02.42W	1320.7870
15	16	N72-21-03.58W	107.4950

Horizontal Precision 1:293123 11211.6730 T
Misclosures -0.0060 N 0.0378 E

TRAVERSE # 2

Begin at 6, Backsight Bearing to 2 = N02-01-08.58W

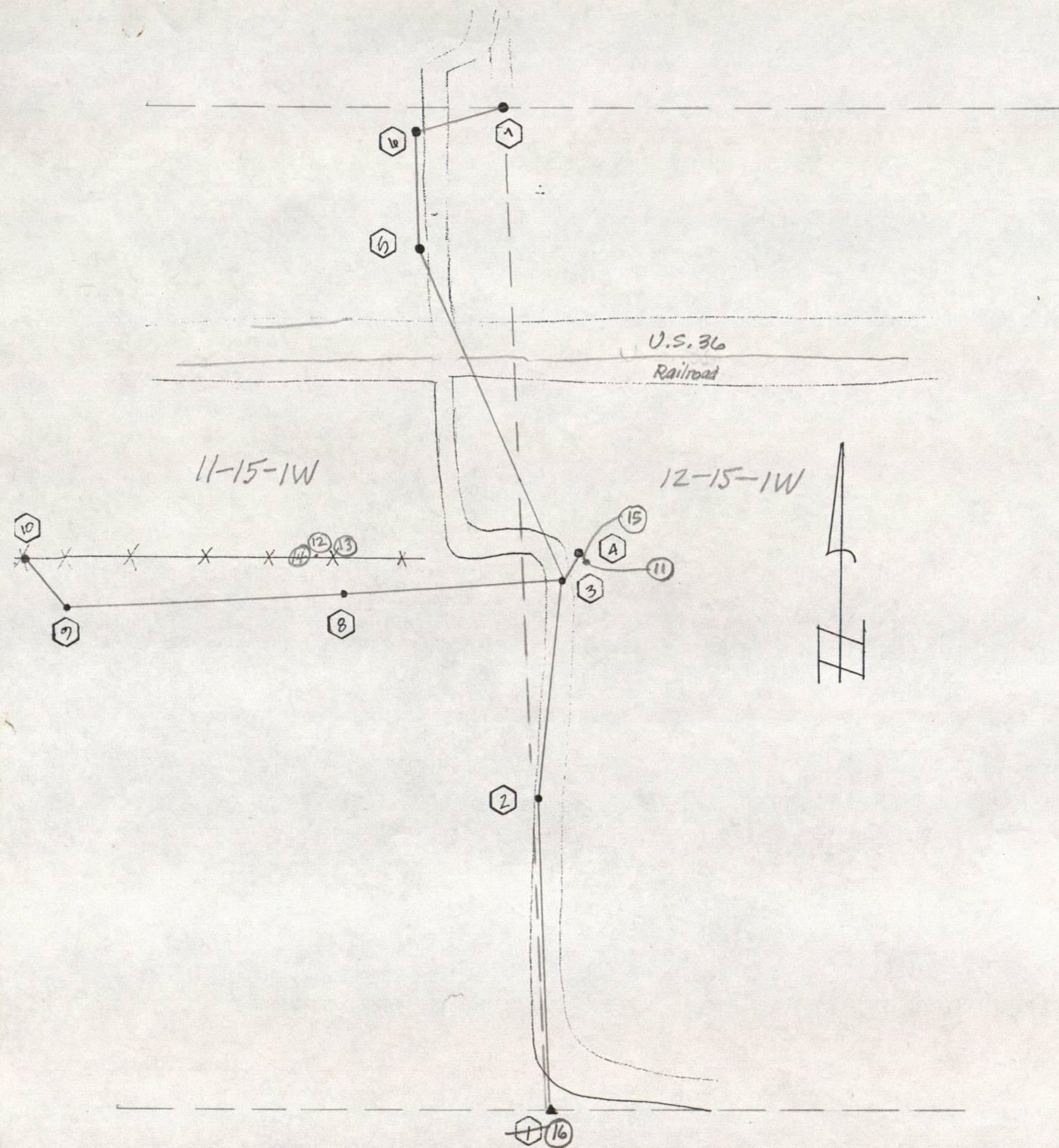
From	To	Unadj Bearing	Unadj Dist
6	8	N87-48-20.58W	3359.0140
8	9	S89-24-52.42W	796.4590

Horizontal Precision Flat Closure 4155.4730 T
Misclosures 0.0000 N -0.0000 E

Sideshot Coordinates Computed After Adjustment

Station	N	E	Description
4	9697.6452	5130.3812	
5	9697.8769	5137.7681	
3	9700.8634	4990.5705	
11	7281.8284	5117.5285	
7	12852.5054	5005.2940	

Elapsed Time = 00:00:00



DESCRIPTION

1	STONE FND 4" CUT "X" 12" DEEP SEC. 11-15-1W (V) <i>fake stone</i>
2	HUB " / TACK SET
3	PK NAIL SET
4	5/8" REBAR FND
5	PK NAIL SET
6	HUB " / TACK SET
7	COUNTY DISK FND NE cor. 11-15-1W
8	HUB " / TACK SET
9	" " "
10	STONE FND. Center Sec. 11-15-1W
11	E 1/4 cor. 11-15-1W by single proportional measurement. NOT USED
12	Calc. search spot for Cor. E, Cor.
13	Stone found at " " "
14	with stone " " " "
15	Set E 1/4 sec. cor. 11-15-1W
16	Stone at SE cor. 11-15-1W
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29	
30	
31	
32	

A/ mm JB

SHEET 1 OF 2

Chester A. Parsons, PE

Cheryl A. Cunningham, PE

Stanley M. Shartle, PE LS

PARSONS, CUNNINGHAM, & SHARTLE ENGINEERS, INC.

Job SEC COR.Date 1-4-2000 Hg. 29.50 Temp. 20 °F.

POINT	DIRECTION	OBSERVED HORIZ DISTANCE	MEAN DISTANCE
1	0°00'00"	1621.52 .52 .52 .52	1621.52
2			
3	181°17'29"	NOT USED	
	2°35'05" 181°17'32.5"	1011.17 .175 .17 .17	1011.171
2	0°00'00"	1011.17 .17 .17 .175	1011.171
4	188°09'51"		
	16°19'50" 188°09'55"	37.26 .26 .26 .26	37.26
5	175°59'11"		
	351°58'22" 175°59'11"	1729.325 .325 .352 .325	1729.325
8	87°31'57"		
	175°03'50" 87°31'55"	1385.84 .84 .84 .84	1385.84
3	0°00'00"	1729.325 .320 .325 .325	1729.324
6	179°26'34"		
	358°53'12" 179°26'34"	708.375 .375 .375 .370	708.374
5	0°00'00"	708.370 .370 .375 .370	708.371
7	215°24'47"		
	70°49'41" 215°24'50.5"	298.855 .860 .855 .855	298.856
5	0°00'00"	1729.34 .34 .34 .34	1729.340
16	183°15'55"		
	2 (366°31'46" 183°15'55")	2631.485 .485 .485 .49	2631.486

Chester A. Parsons, PE

PARSONS, CUNNINGHAM, & SHARTLE ENGINEERS, INC.

Job SEC COR

Date 1.4.00 Hg. 29.50 Temp. 20 °F.

[illegible]

**** COORDINATE FILE SYSTEM ****

FILE CREATED:

COORDINATE FILE:1151WA LENGTH= 16 POINTS; TIME ON FILE: 0 00 00.00
CORNER STONE PROGRAM ***** JOB #2000

COORDINATE FILE:1151WA LENGTH = 16 POINTS; TIME ON FILE: 0 00 00.00
CORNER STONE PROGRAM ***** JOB #2000

***** C060 *****

FROM TYPE	BEARING	DISTANCE	TO	NORTHING	EASTING
ENTER & ASSIGN			1	4,000.00000	4,000.00000
ENTER & ASSIGN			2	0.00000	0.00000
START			1	4,000.00000	4,000.00000
1 TRAV NE	0 00 00.00	1621.52000	2	5,621.52000	4,000.00000
2 TRAV NE	1 17 32.50	1011.17100	3	6,632.43378	4,022.80600
3 TRAV NW	2 43 16.50	1729.32450	5	8,359.80819	3,940.70300
5 TRAV NW	3 16 40.50	708.37250	6	9,067.02174	3,900.19880
6 TRAV NE	32 08 10.00	298.85600	7	9,320.08906	4,059.16998
7 INV SW	0 38 13.98	5320.41810	1	4,000.00000	4,000.00000
1 TRAV NW	0 38 13.98	1621.52000	2	5,621.41972	3,981.96659
2 TRAV NE	0 39 18.52	1011.17100	3	6,632.52462	3,993.52850
3 S.S. NE	8 49 13.52	37.26000	4	6,669.34397	3,999.24188
3 S.S. SW	88 11 13.52	1385.84000	8	6,588.68220	2,608.38217
3 TRAV NW	3 21 30.48	1729.32450	5	8,358.87910	3,892.21993
5 TRAV NW	3 54 54.48	708.37250	6	9,065.59846	3,843.85310
6 TRAV NE	31 29 56.02	298.85600	7	9,320.41810	4,000.00002
7 INV SW	0 00 00.00	5320.41810	1	4,000.00000	4,000.00000
START			8	6,588.68220	2,608.38217
8 TRAV NW	89 28 33.98	1206.53050	9	6,599.71418	1,401.90211
9 TRAV NW	61 55 23.98	64.66600	10	6,630.14940	1,344.84610
START			1	4,000.00000	4,000.00000
1 TRAV NE	0 00 00.00	2660.20905	11	6,660.20905	4,000.00000
11 INV NE	0 00 00.00	2660.20905	7	9,320.41810	4,000.00002
OFFSETS FROM A LINE			1	4,000.00000	4,000.00000
BASE BRG NE	0 00 00.00				
PT	BASE DIST	OFFSET			
4	2669.34397	-0.75813			
7	5320.41810	0.00000			
11	2660.20905	-0.00001			
START			10	6,630.14940	1,344.84610
10 INV NE	89 21 04.93	2655.32405	11	6,660.20905	4,000.00000
11 INV NW	4 44 39.15	9.16633	4	6,669.34397	3,999.24188
LIST			1	4,000.00000	4,000.00000
			2	5,621.41972	3,981.96659
			3	6,632.52462	3,993.52850
			4	6,669.34397	3,999.24188
			5	8,358.87910	3,892.21993
			6	9,065.59846	3,843.85310
			7	9,320.41810	4,000.00002

8	6,588.68220	2,608.38217
9	6,599.71418	1,401.90211
10	6,630.14940	1,344.84610
11	6,660.20905	4,000.00000

TIME FOR THIS RUN: 0 24 17.64; TOTAL TIME ON FILE: 0 24 17.64
COORDINATES STORED

COORDINATE FILE:1151WA LENGTH = 16 POINTS; TIME ON FILE: 0 24 17.64
CORNER STONE PROGRAM ***** JOB #2000

***** COGO *****

FROM TYPE	BEARING	DISTANCE	TO	NORTHING	EASTING
START			10	6,630.14940	1,344.84610
10 TRAV NE	89 21 04.93	1327.66203	12	6,645.17923	2,672.42305
12 INV NE	89 21 04.93	1327.66203	11	6,660.20905	4,000.00000
PT-PT ANGLES					
ANG 3 - 8 - 12 :	C.W. 320 23 38.72	C.C.W. 39 36 21.28		85.39993	
PT-PT ANGLES					
ANG 2 - 3 - 11 :	C.W. 192 30 07.32	C.C.W. 167 29 52.68		28.43076	

TIME FOR THIS RUN: 0 02 57.88; TOTAL TIME ON FILE: 0 27 15.52
COORDINATES STORED

COORDINATE FILE:1351WA LENGTH = 32 POINTS; TIME ON FILE: 0 37 18.62
JOHN RANDOLPH 3-MILE ROAD ***** JOB #2000

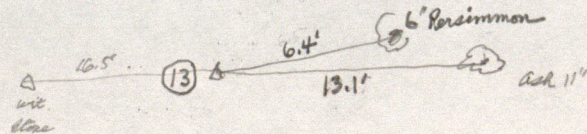
***** COGO *****

FROM TYPE	BEARING	DISTANCE	TO	NORTHING	EASTING
START			6	1,010.75716	7,300.36721
6 TRAV SW	89 35 00.00	<i>corrected distance</i> 1309.00000	8	1,001.23793	5,991.40182
OFFSETS FROM A LINE					
			1	1,000.00000	10,000.00000
BASE BRG SW	89 35 00.00				
PT	BASE DIST	OFFSET			

START			8	1,001.23793	5,991.40182
8 TRAV SW	0 00 00.00	15.00000	9	986.23793	5,991.40182
OFFSETS FROM A LINE					
			1	1,000.00000	10,000.00000

BASE BRG SW	89 48 11.87	
PT	BASE DIST	OFFSET
2	1351.99203	4.64157
7	2699.63145	5.02535
9	4008.62180	0.00000
6	2699.57995	20.02526

TIME FOR THIS RUN: 0 04 02.32; TOTAL TIME ON FILE: 0 41 20.94
COORDINATES STORED



STONE 5 RT H.D.
318° 53' 34" 87.275

WITNESS STONE 310° 24' 13" 76.270'

COORDINATE FILE: 1151WA LENGTH = 16 POINTS; TIME ON FILE: 0 27 15.52
 CORNER STONE PROGRAM ***** JOB #2000

***** C060 *****

FROM TYPE	BEARING	DISTANCE	TO	NORTHING	EASTING
START			8	6,588.68220	2,608.38217
8 TRAV NE	47 04 47.52	87.29500	13	6,648.12819	2,672.30862
START			8	6,588.68220	2,608.38217
8 TRAV NE	38 35 26.52	76.27000	14	6,648.29649	2,655.95579
14 INV SE	89 24 37.32	16.35369	13	6,648.12819	2,672.30862
START			14	6,648.29649	2,655.95579
14 TRAV SE	89 24 37.32	16.50000*	13	6,648.12669	2,672.45492
13 INV SW	47 08 45.24	87.40117	8	6,588.68220	2,608.38217
START			10	6,630.14940	1,344.84610
10 INV NE	89 13 27.12	1327.73053	13	6,648.12669	2,672.45492
13 B-B NE	89 13 27.12	1327.66679	15	6,666.10311	4,000.00001
15 B-B SW	0 00 00.00	2666.10311	1	4,000.00000	4,000.00000
1 INV NE	0 00 00.00	2666.10311	15	6,666.10311	4,000.00001
15 INV SW	0 00 00.00	2666.10311	1	4,000.00000	4,000.00000

PT-PT ANGLES

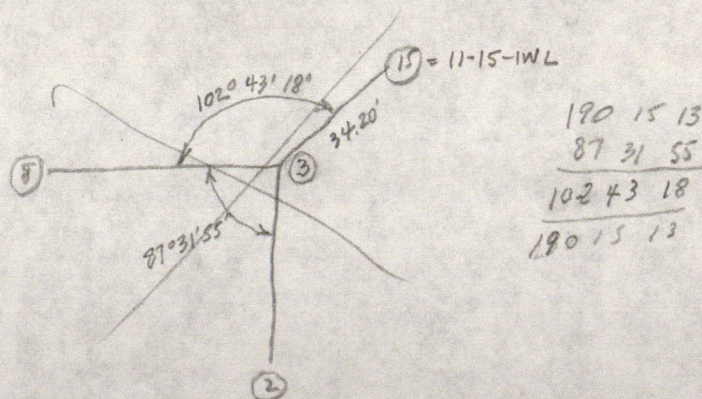
ANG 2 - 3 - 15 : C.W. 190 15 12.94 C.C.W. 169 44 47.06 34.19643

LIST

1	4,000.00000	4,000.00000
2	5,621.41972	3,981.96659
3	6,632.52462	3,993.52850
4	6,669.34397	3,999.24188
5	8,358.87910	3,892.21993
6	9,065.59846	3,843.85310
7	9,320.41810	4,000.00002
8	6,588.68220	2,608.38217
9	6,599.71418	1,401.90211
10	6,630.14940	1,344.84610
11	6,660.20905	4,000.00000
12	6,645.17923	2,672.42305
13	6,648.12669	2,672.45492
14	6,648.29649	2,655.95579
15	6,666.10311	4,000.00001

* (14) has a good point. Record dist = 16,500'. Shift accepted
 point on top of (3) so that to make 16,500'

TIME FOR THIS RUN: 0 08 52.37; TOTAL TIME ON FILE: 0 36 07.89
 COORDINATES STORED



COORDINATE FILE: 1151WA LENGTH = 16 POINTS; TIME ON FILE: 0 36 07.89
CORNER STONE PROGRAM ***** JOB #2000

***** COGO *****

FROM	TYPE	BEARING	DISTANCE	TO	NORTHING	EASTING
START				3	6,632.52462	3,993.52850
3	TRAV SE	0 05 37.48	2631.48600	16	4,001.04214	3,997.83400
16	INV NE	0 01 23.99	5319.37640	7	9,320.41810	4,000.00002
START				13	6,648.12669	2,672.45492
13	B-B NE	89 13 27.12	1326.58588	15	6,666.08847	3,998.91919
15	B-B NE	0 01 23.99	2654.32984	7	9,320.41810	4,000.00002
7	INV SW	0 01 23.99	2654.32984	15	6,666.08847	3,998.91919
15	INV SW	0 01 23.99	2665.04656	16	4,001.04214	3,997.83400

PT-PT ANGLES

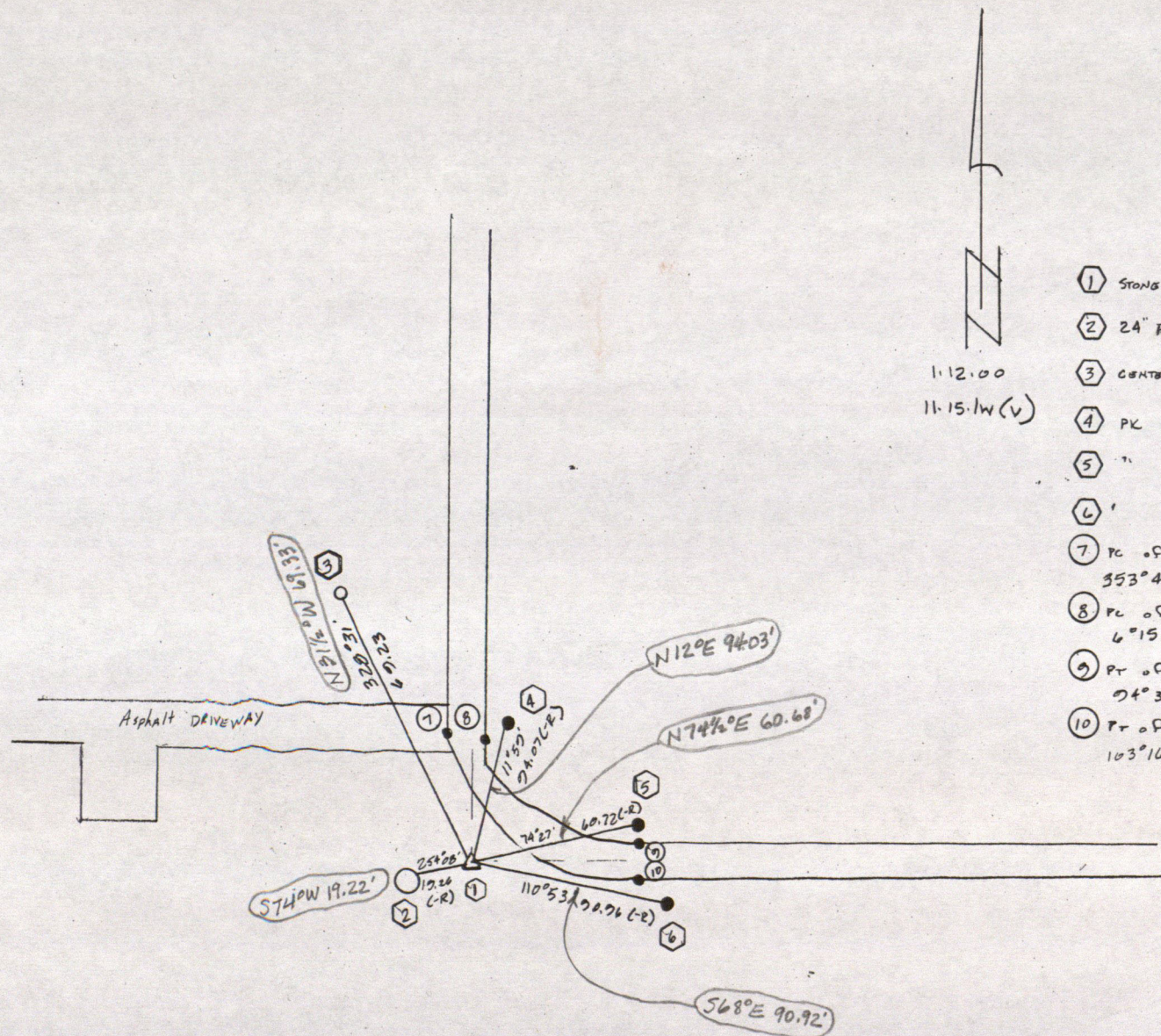
ANG 13 - 15 - 16 : C.W. 270 47 56.87 C.C.W. 89 12 03.13 2665.04656

PT-PT ANGLES

ANG 16 - 3 - 15 : C.W. 189 13 05.15 C.C.W. 170 46 54.85 33.99400

TIME FOR THIS RUN: 0 05 28.13; TOTAL TIME ON FILE: 0 41 36.02

COORDINATES STORED



1.12.00

11.15.1W(V)

- Chestnut*
- ① STONE 12" DEEP (6x6x20)
 - ② 24" PINE OAK
 - ③ CENTER TOP OF WEST CAP
 - ④ PK IN POWER POLE
 - ⑤ " " "
 - ⑥ " " "
 - ⑦ PC OF 2006 (WEST SIDE)
353°42' 100.76
 - ⑧ PC OF 2006 (EAST SIDE)
6°15' 89.04
 - ⑨ PT OF 2006 (N.SIDE)
94°38' 117.13
 - ⑩ PT OF 2006 (S.SIDE)
103°16' 127.10

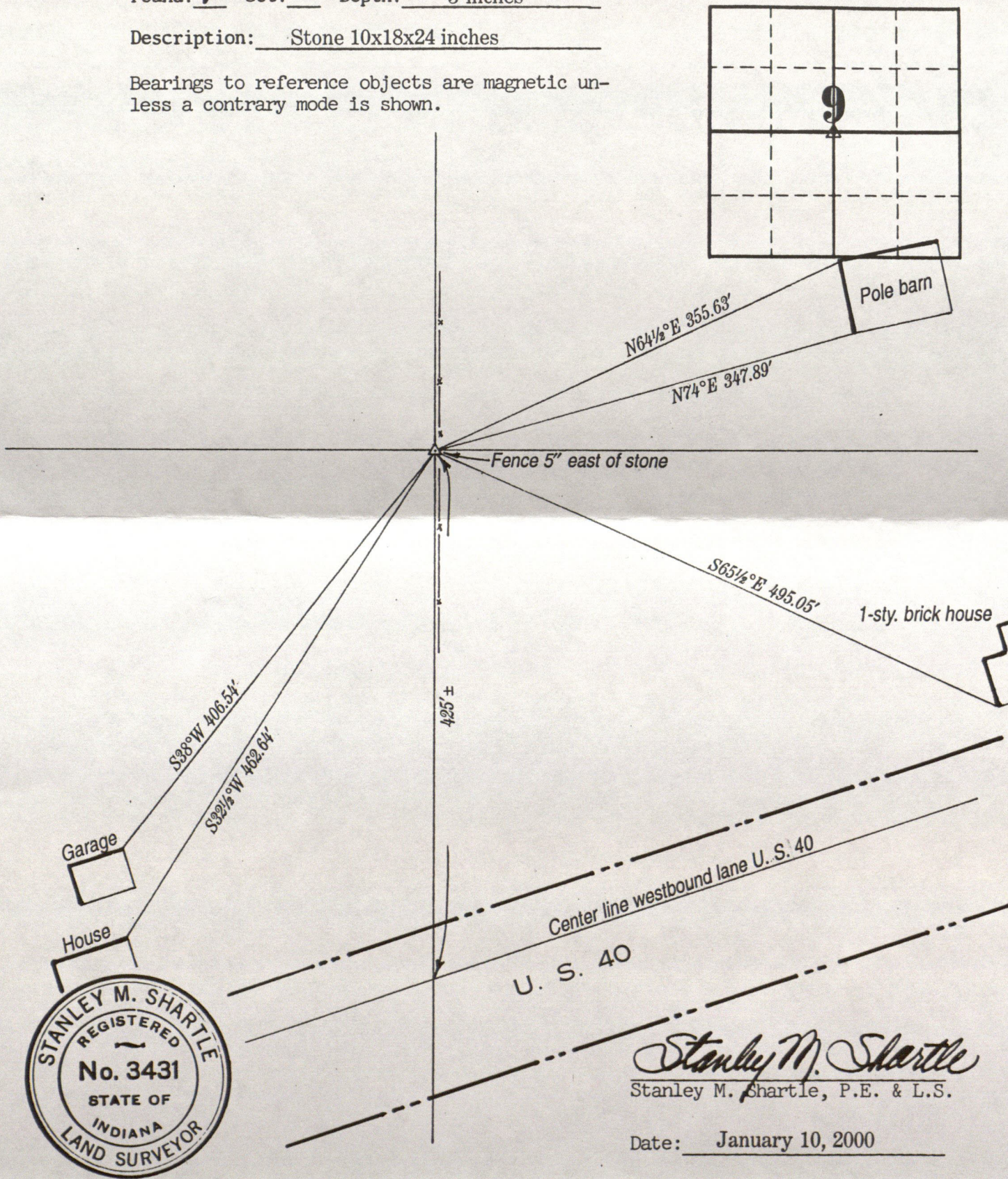
RECORD OF CORNER

LOCATION OF MONUMENT: SECTION 9, T. 14 N., R. 1 W.

Found: ☒ Set: ☐ Depth: 3 inches

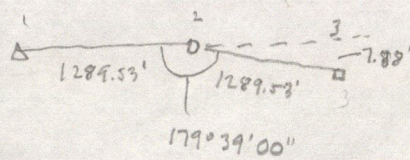
Description: Stone 10x18x24 inches

Bearings to reference objects are magnetic unless a contrary mode is shown.



1289.53
 $\times 2$

 2579.06



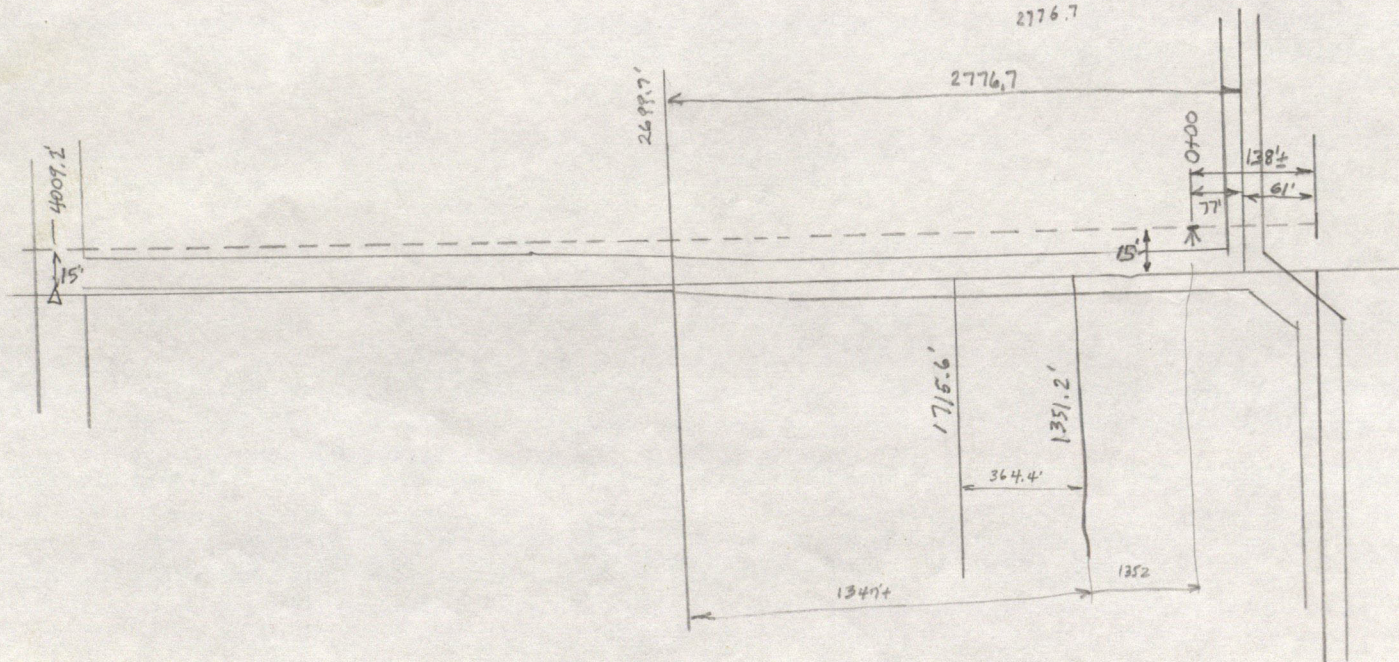
77
 $\times 61$

 138

Randolph Road

2699.7
 $\times 77$

 2776.7



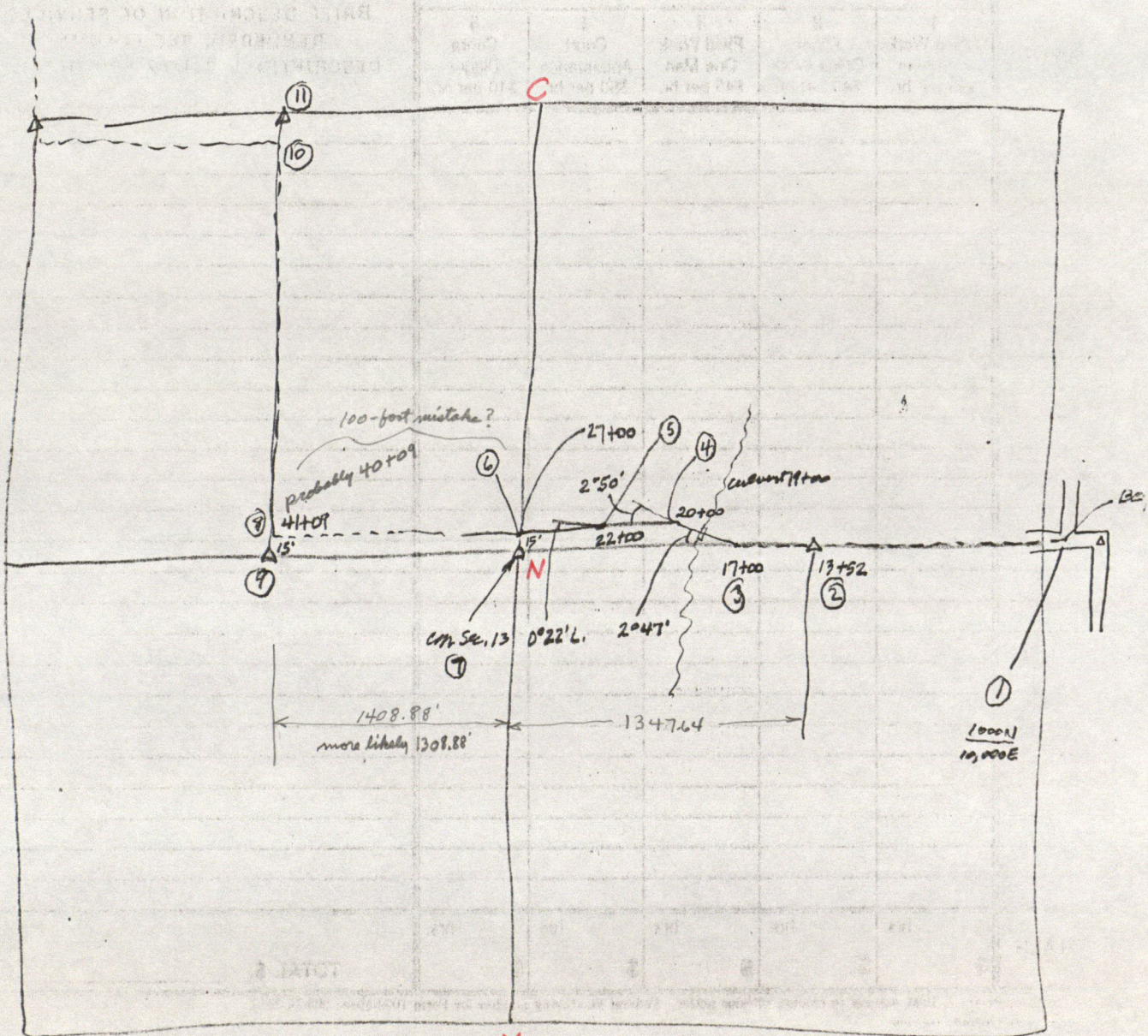
J. F. Randolph et al. R.R. 7, p. 414

30' wide cor. in San Jordan Rd. where it joins to the E on a line betw. a cor. stone at E end of the jog & the cor. stone at the Center East Station Sec. 13-15-16; thence W along said line over stone at Cen. E cor. Sec. 13 at Sta. 13+52 to Sta. 17; thence departing from the division line to follow the established roadway with a difference of $2^{\circ}47'$ to Sta. 20, passing over the center of a concrete bridge at Sta. 19, from Sta. 20 with L difference $2^{\circ}50'$ to Sta. 22; thence with L difference $22'$ to Sta. 27 which is 15' N. of the corner stone at Cen. Sec. 13; W to Sta. 41+09 which is 15' N. of cor. stone at center, to center sec. 13; thence right deflection 90° to Sta. 67+44 which is 15' S of Center N, NW $\frac{1}{4}$ Sec. 13; thence with L difference $90^{\circ}47'$ to Sta. 80+68 which is 15' S. of a stone at NW cor. 13; thence R diff. $91^{\circ}21'$ over cor. stone at Sta. 90+75 to Sta. 107+54; thence L diff. $89^{\circ}05'$ to 108+45; thence R diff. 89° to cor. stone at 135+08; thence R diff. $89^{\circ}05'$ " 136+07 at NE cor. Sec. 11; thence left defl. 89° to 139+48 to end in ditch, a locked gate Face James Rd. 13,948'

Examination has disclosed that the above description begins about 71' west of the center of C.R. 300 E where it goes N. Also, due to a mistake in measurement, the Sta. 41+09 should be 40+09.

STANLEY M. SHARPLE
REGISTERED PROFESSIONAL ENGINEER
EXPIRATION DATE 12/31/00
18 KINGS COURT
DAYTON, OHIO 45401-2525
TELEPHONE 513-251-1111

Sec. 13



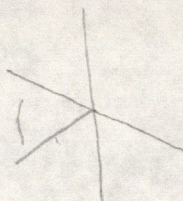
X

D- 3-13 1136.74

TB 3

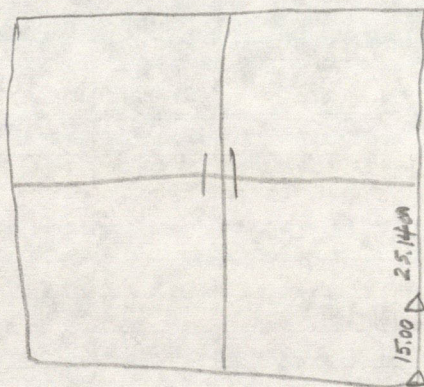
+ 13

T



79.0
19.5
60.5

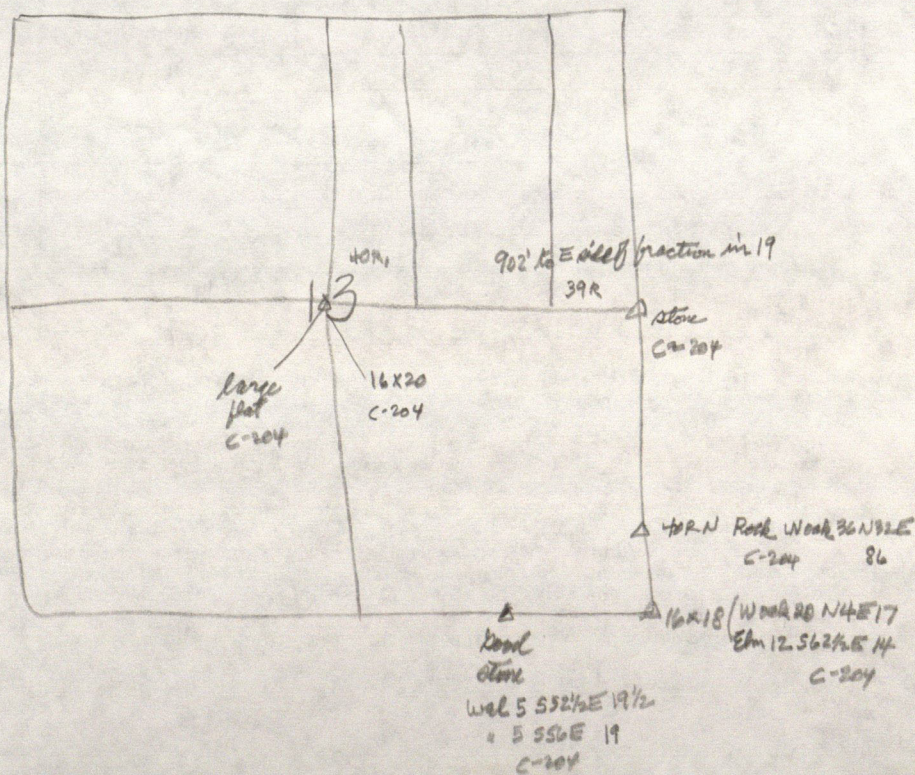
5300
400
5700
2600
8300



con. E. con 1) 8x12x18 (stone 11x18x20 west 25
kick 8 N 86° E 2 3/4
4-29-1902 WFF

S 1/2 mi. 12 12x18 C-244

S 1/2 mi. 13 8x12x17



**** COORDINATE FILE SYSTEM ****

FILE CREATED:

COORDINATE FILE:1351WA LENGTH= 32 POINTS; TIME ON FILE: 0 00 00.00
JOHN RANDOLPH 3-MILE ROAD ***** JOB #2000

COORDINATE FILE:1351WA LENGTH = 32 POINTS; TIME ON FILE: 0 00 00.00
JOHN RANDOLPH 3-MILE ROAD ***** JOB #2000

***** COGO *****

FROM TYPE	BEARING	DISTANCE	TO	NORTHING	EASTING
-----------	---------	----------	----	----------	---------

ENTER & ASSIGN

START			1	1,000.00000	10,000.00000
			1	1,000.00000	10,000.00000
1 TRAV NW	90 00 00.00	1352.00000	2	1,000.00000	8,648.00000
2 TRAV NW	90 00 00.00	348.00000	3	1,000.00000	8,300.00000
3 TRAV NW	87 13 00.00	300.00000	4	1,014.56777	8,000.35391
4 TRAV SW	89 57 00.00	200.00000	5	1,014.39324	7,800.35398
5 TRAV SW	89 35 00.00	500.00000	6	1,010.75716	7,300.36721
6 S.S. SW	0 00 00.00	15.00000	7	995.75716	7,300.36721
6 TRAV SW	89 35 00.00	1409.00000	8	1,000.51072	5,891.40446
8 S.S. SE	0 25 00.00	15.00000	9	985.51111	5,891.51355
8 TRAV NW	0 25 00.00	2635.00000	10	3,635.44104	5,872.24237
10 S.S. NW	0 25 00.00	15.00000	11	3,650.44065	5,872.13329
10 TRAV SW	88 48 00.00	1325.00000	12	3,607.69234	4,547.53297
12 S.S. NE	0 09 00.00	15.00000	13	3,622.69228	4,547.57224
12 TRAV NE	0 09 00.00	1006.00000	14	4,613.68889	4,550.16666
14 TRAV NE	0 09 00.00	1679.00000	15	6,292.68313	4,554.56227
15 TRAV NW	88 56 00.00	91.00000	16	6,294.37717	4,463.57804
16 TRAV NE	0 04 00.00	2663.00000	17	8,957.37537	4,466.67658
17 TRAV NW	55 34 29.24	99.00000	18	9,013.34304	4,385.01496
18 TRAV SW	35 25 30.76	341.00000	19	8,735.47141	4,187.35779

START			1	1,000.00000	10,000.00000
1 INV NW	90 00 00.00	1352.00000	2	1,000.00000	8,648.00000
2 INV SW	89 49 10.61	1347.63947	7	995.75716	7,300.36721
7 INV SW	89 34 59.94	1408.89092	9	985.51111	5,891.51355
9 INV NW	0 25 00.00	2665.00000	11	3,650.44065	5,872.13329
11 INV SW	88 47 59.57	1324.85167	13	3,622.69228	4,547.57224
13 INV NW	1 43 38.12	5393.10119	18	9,013.34304	4,385.01496

OFFSETS FROM A LINE

BASE BRG NW 1 43 38.12

PT	BASE DIST	OFFSET
14	990.46813	32.46358
15	2668.56701	87.46494
16	2673.00269	-3.42689
17	5334.69753	79.93755
18	5393.10119	0.00000

START			17	8,957.37537	4,466.67658
17 TRAV NE	89 09 00.00	99.00000	18	8,958.84401	4,565.66569
18 TRAV NE	0 09 00.00	341.00000	19	9,299.84284	4,566.55842
START			13	3,622.69228	4,547.57224
13 INV NE	0 11 39.39	5336.18240	18	8,958.84401	4,565.66569

OFFSETS FROM A LINE

BASE BRG NE 0 11 39.39
 PT BASE DIST OFFSET
 14 990.99970 -0.76577
 15 2669.99920 -2.06317
 16 2671.38473 -93.05262
 17 5334.37812 -98.98356
 18 5336.18240 0.00000

13 3,622.69228 4,547.57224

OFFSETS FROM A LINE

1 1,000.00000 10,000.00000

BASE BRG SW 89 47 52.59
 PT BASE DIST OFFSET
 2 1351.99159 4.76790
 7 2699.63097 5.27759
 9 4108.51200 0.00000

LIST

1 1,000.00000 10,000.00000
 2 1,000.00000 8,648.00000
 3 1,000.00000 8,300.00000
 4 1,014.56777 8,000.35391
 5 1,014.39324 7,800.35398
 6 1,010.75716 7,300.36721
 7 995.75716 7,300.36721
 8 1,000.51072 5,891.40446
 9 985.51111 5,891.51355
 10 3,635.44104 5,872.24237
 11 3,650.44065 5,872.13329
 12 3,607.69234 4,547.53297
 13 3,622.69228 4,547.57224
 14 4,613.68889 4,550.16666
 15 6,292.68313 4,554.56227
 16 6,294.37717 4,463.57804
 17 8,957.37537 4,466.67658
 18 8,958.84401 4,565.66569
 19 9,299.84284 4,566.55842

TIME FOR THIS RUN: 0 37 18.62; TOTAL TIME ON FILE: 0 37 18.62
 COORDINATES STORED

COORDINATE FILE: 1151WA LENGTH = 16 POINTS; TIME ON FILE: 0 24 17.64
CORNER STONE PROGRAM ***** JOB #2000

***** COGO *****

FROM TYPE	BEARING	DISTANCE	TO	NORTHING	EASTING
START			10	6,630.14940	1,344.84610
10 TRAV NE	89 21 04.93	1327.66203	12	6,645.17923	2,672.42305
12 INV NE	89 21 04.93	1327.66203	11	6,660.20905	4,000.00000
PT-PT ANGLES					
ANG 3 - 8 - 12 :	C.W. 320 23 38.72	C.C.W. 39 36 21.28		85.39993	
PT-PT ANGLES					
ANG 2 - 3 - 11 :	C.W. 192 30 07.32	C.C.W. 167 29 52.68		28.43076	

PRELIMINARY

TIME FOR THIS RUN: 0 02 57.88; TOTAL TIME ON FILE: 0 27 15.52
COORDINATES STORED

COORDINATE FILE: 1351WA LENGTH = 32 POINTS; TIME ON FILE: 0 37 18.62
JOHN RANDOLPH 3-MILE ROAD ***** JOB #2000

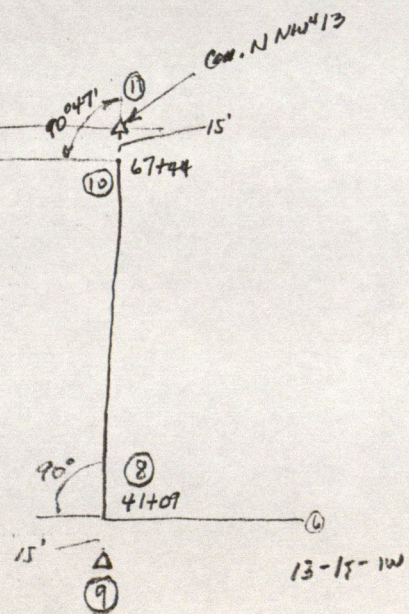
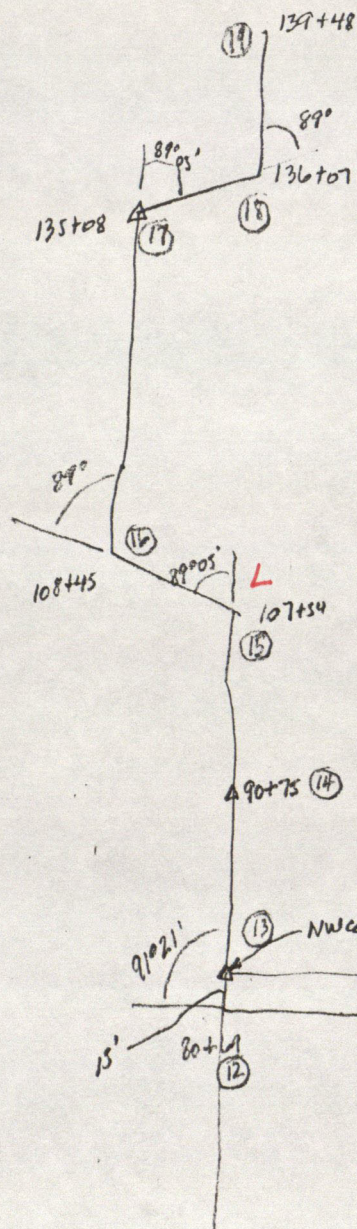
***** COGO *****

FROM TYPE	BEARING	DISTANCE	TO	NORTHING	EASTING
START			6	1,010.75716	7,300.36721
6 TRAV SW	89 35 00.00	corrected distance 1309.00000	8	1,001.23793	5,991.40182
OFFSETS FROM A LINE					
BASE BRG SW	89 35 00.00		1	1,000.00000	10,000.00000
PT	BASE DIST	OFFSET			
START			8	1,001.23793	5,991.40182
8 TRAV SW	0 00 00.00	15.00000	9	986.23793	5,991.40182
OFFSETS FROM A LINE					
			1	1,000.00000	10,000.00000
BASE BRG SW 89 48 11.87					
PT	BASE DIST	OFFSET			
2	1351.99203	4.64157			
7	2699.63145	5.02535			
9	4008.62180	0.00000			
6	2699.57995	20.02526			

TIME FOR THIS RUN: 0 04 02.32; TOTAL TIME ON FILE: 0 41 20.94
COORDINATES STORED

11-15-1W

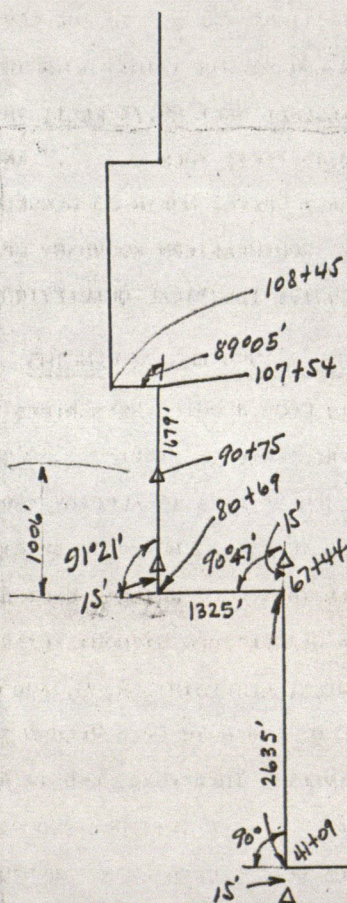
12-15-1W



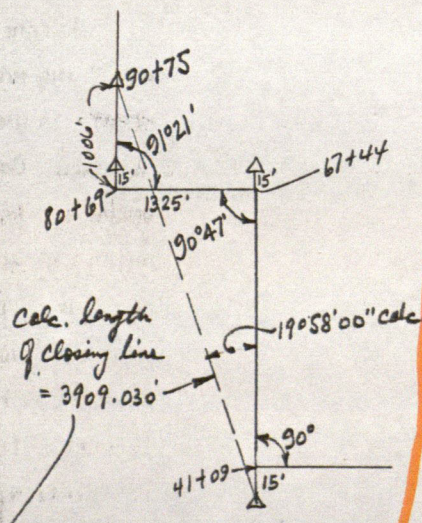
13-15-1W

From Lloyd Hadley survey

T.W. Garrison



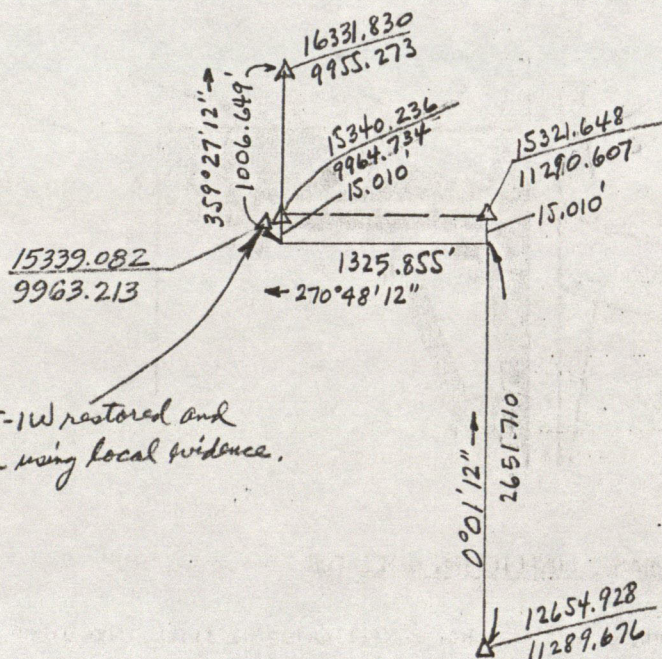
The desc. in Road Rec. 7/414 calls for deflection angles (or differences?) as shown in the drawing at the left. However, in the field it is obvious that the angles were turned as shown below:



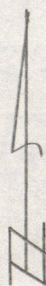
By Sharple's survey = 3911.553'

$$\frac{3971.553}{3909.030} = 1.0006454$$

Karrision's survey adjusted to Shortle's
azimuth system & EDM standard length:

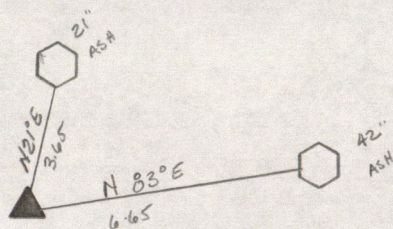


NW cor. 13-15-1W restored and
stone set here using local evidence.



1.62000
A7 mm

13-15-1W C



STONE WAS UP

8" OUT OF THE
GROUND

13-15-1W Con. N. SW 4

