

INDEX

Property of _____

 Address _____

 Telephone _____

Property of:
Ingham County
Remonumentation Project
 Ingham County Courthouse
 Mason, MI 48854

This Book is manufactured of a High Grade
 50% Rag Ledger Paper having a Water Resist-
 ant Surface, and is sewed with Nylon Water-
 proof Thread.

- ① witness F1 T4N R2W
- ② witness F2 T4N R2W
- ③ witness G3 T4N R2W
- ④ witness 1 reset H3 T4N R2W
- ⑤ witness H2 T4N R2W
- ⑥ Description if possible H4 T4N R2W
- ⑦ witness G-1 T4N R2W
- ⑧ witness G-2 T4N R2W
- ⑨ witness I-1 T4N R2W
- ⑩ EDM calibration
- ⑪ ~~⑩~~ traverse data sections 3 & 4
 Lansing Township
- ⑫ Definitions of abbreviations

②

5-8-02

JS No

F 2 T 4N R2W

center Sec 4 Lansing Twp

L 6 P 41

Find 1/2" pipe in 3" concrete at
N-S fence line

Find Southwest corner concrete foundation

House # 2901 Creston N 70° E 106.0

Find North east corner concrete foundation

House # 100 Jackson St. S 10W 110.10

Find put man 3" concrete monument

E 201.20

Set N/T 'keels' North side triple 18"

boxelder N 70W 23.51

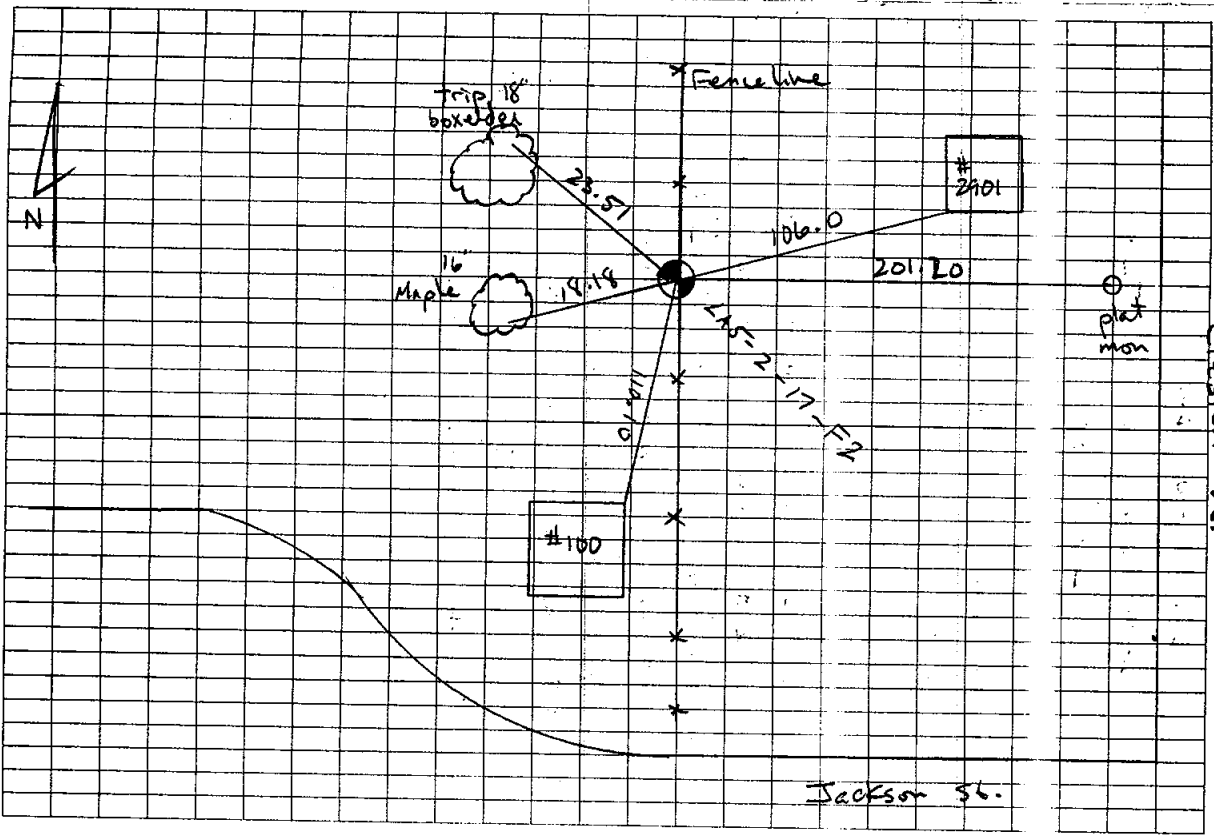
Set N/T 'keels' South side 16" Maple

S 85 W 18.18

Creston St.

②

Jackson St.



③ 5-8-02 JS NW

G3 T4N R2W

SE 1/4 Sec 4 Lansing Twp
L9 P335

End 1/2 br in monument box 3' West of
East St., 33' South of E.
Lake Lansing.

End Northwest corner block foundation

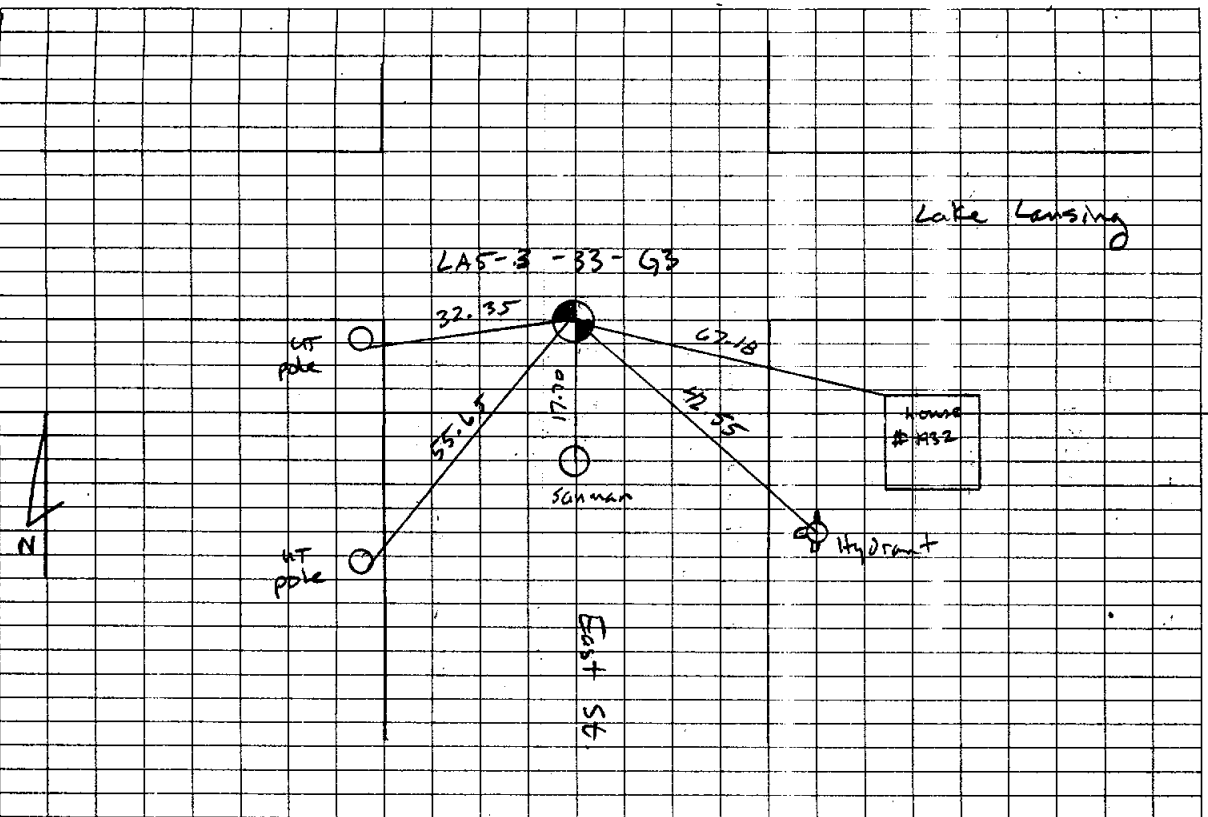
House #1932 Lake Lansing S50E 67.18

End Top center of hydrant S35E 42.55

End PK nail in South side utility pole
about 32.35

End PK nail in Southeast side utility pole
S30W 55.65

End Top of sewer manhole 5 17.70



(1)

5-8-07 JS NW

H3 T4N R2W

S 1/4 Section 3 Lansing Twp.

L6 P352

Monument called for in L6 P352

Obiterated. Witnesses still in existence

Reset 7/8" bar with 3" dia aluminum

cap stamped '31588' according to

witnesses in L6 P352

Set 5/8" bar w/ 3" dia aluminum cap marked

'31588' S 1/4 N of East-West Fenceline

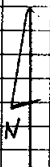
Find pinched pipe South 2.66'

Find 3/4" pipe South 5.30'

Find nail: tag 16053 northward side

of a 24" oak west 20.76'

Find PK: tag 16053 NW 1/4 48.88'



(4)

4-5-4-38-H3

MT

0635

Fenceline

20.76

48.88

24" oak

425

Vermont Ave.

David St.

⑤

5-29-02 JS NW 80° cloudy

H2 T4N R2W

COS 3 Lansing trap
LN P234

Found 1/2" bar top of hill on
east side of borrow pit on
extension of N-S fence line
to North

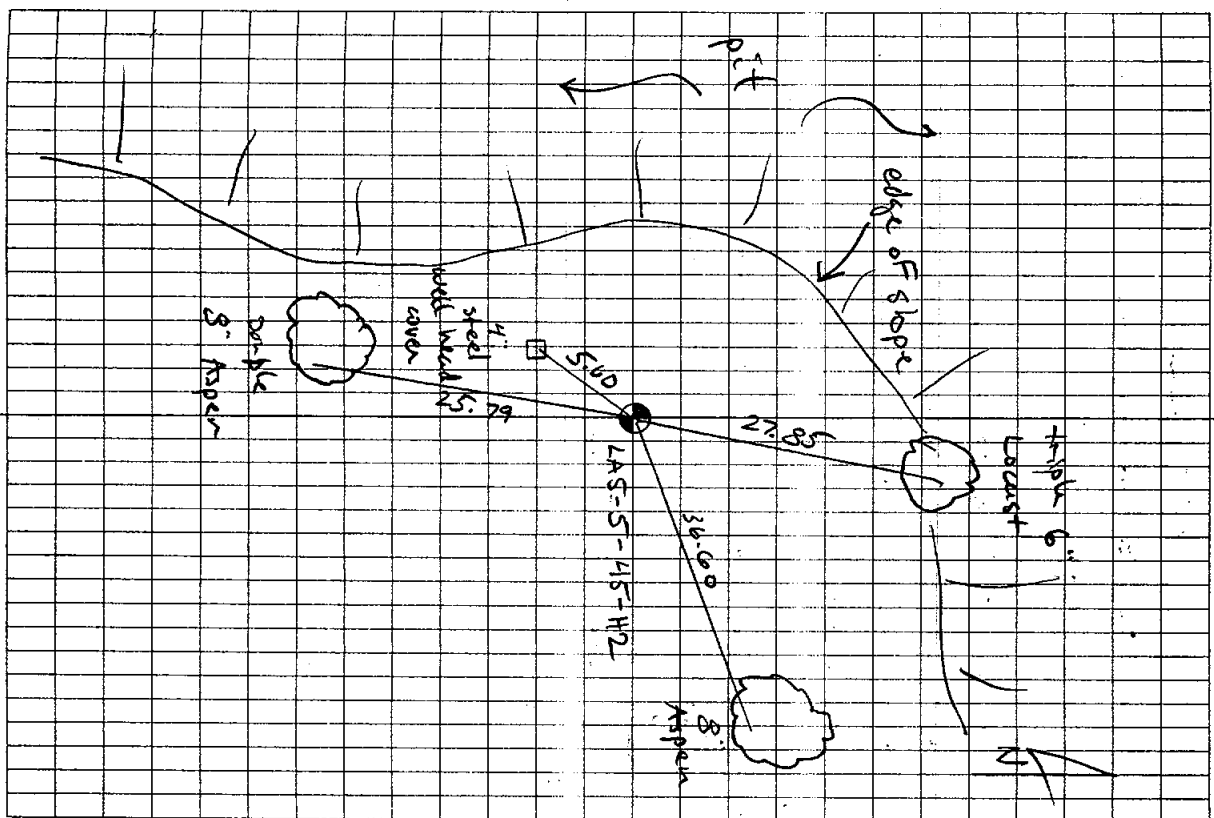
Find top center of 4" steel
well head cover S35W 5.60

Set kabs N/T south side of 8" Aspen
N50E 30.60

Set kabs N/T east side of triple
6" Locust N10E 27.85

Set kabs N/T east side of double
8" aspen S20W 25.79

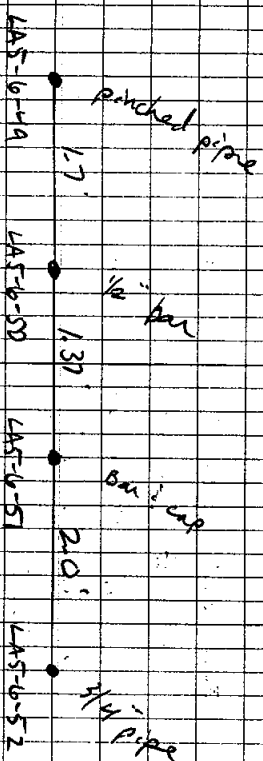
⑤



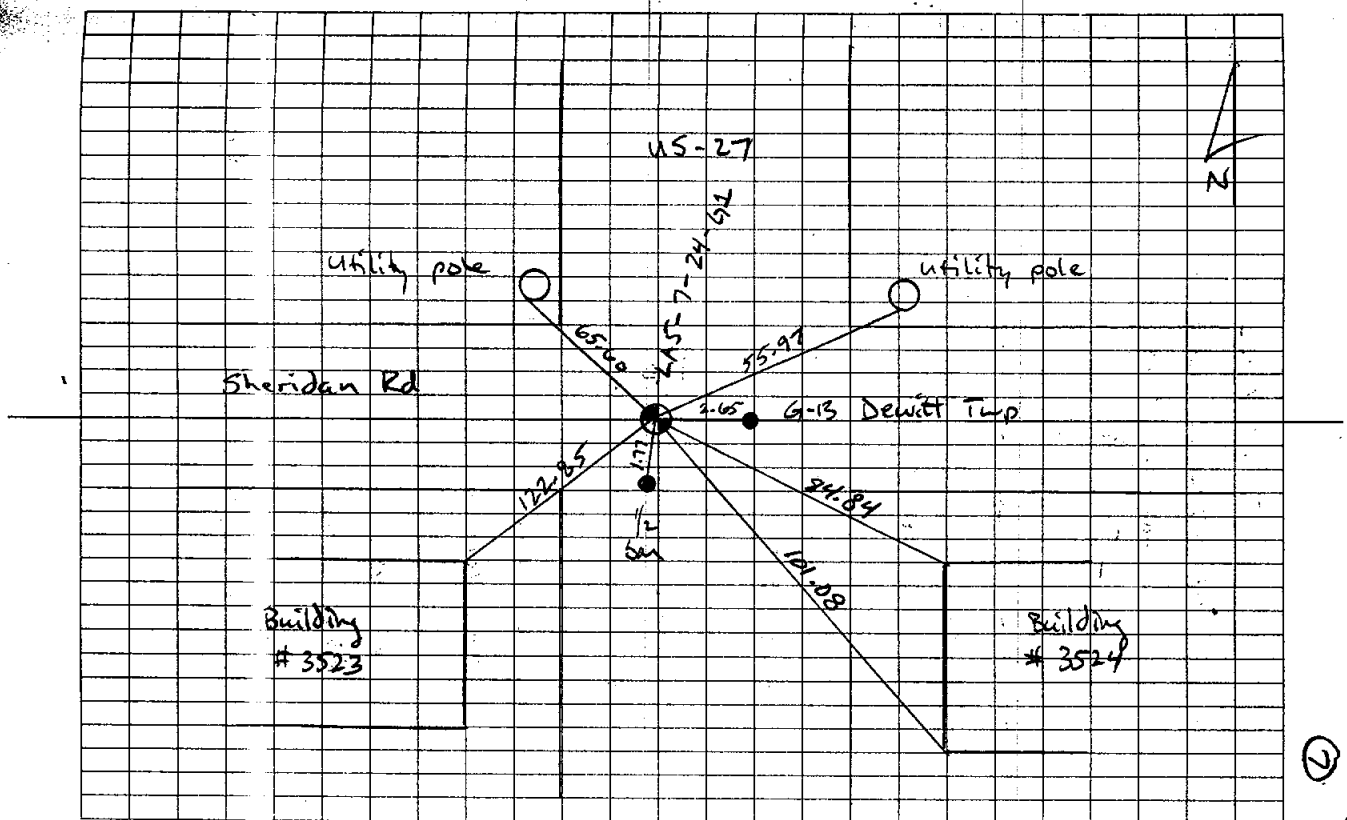
⑤ 5-29-92 JS NW 80° cloudy

At apparent location of 44 74N 22W based on aerial photograph, four (4) irons were found. None matched recorded information in 43 P 147 or 41 P 417. No surviving recorded witnesses were found. One witness tag from Stephens ELS 16053 was found. All four (4) existing irons were witnessed but not recorded here due to insufficient data of corner location. Irons will be traversed in and location and vicinity of corner location decided.

⑥ A 5' x 6' wide hole with an average depth of 3-5' was excavated. No evidence of original corner was found. Irons were repaired & traversed in.



⑦	6-10-02	55 NW	85°	Sunny
	72	THU	R2W	
	N 1/4	cont. Section 3		
	L 9	P 820		
		Lansing Twp		
	Found	best spike in a 3/4" pipe		
	in monument box	of US-27 and		
	± 1'	North of & Sheridan Rd		
	Found	N/T #30897	South side	utility pole
	N 40° E	55.97		
	Found	N/T #13039	Southwest side	utility pole
	N 40° W	65.60		
	Found	Northeast corner	block bldg	#3523
	S 45° W	122.85		
	Found	Southwest corner	block bldg	#3524
	S 35° E	101.08		
	Found	Northwest corner	block bldg	#3524
	S 45° E	84.84		
	Found	best spike in 3/4" pipe	in monument	
	box 6-13	Dewitt Twp	E 2.65	
	Found	1/2" bar in monument	box	S 50° W 1.77



⑧ 6-10-02 SS NW 85° Sunny

G-2 T4N R2W
W 1/4 corner Section 3
Lansing Twp
L 7 P19

Found R.P. spike in monument box
3' W & US-27 and ± 28' S of
division st to East

Found 1/2 bar in monument box
East 2-90'

Found Southeast corner brick bldg
N 40 W 88.80'

Found Southwest corner bldg
2808 NE. Street 540E 102-68

Found Southwest corner bldg #
NSSE 101-85

Set Kals N/T Southeast side utility pole
S 25 W 84.70

⑨

Building
2905

US-27

Building
2900

89.80
101.85

LA 5-8-41-192

1/2 bar

Division St

84.70

102-68

Building
2808

utility
pole

⑦ 8-22-02 JS NW 70° rain

I-1 T4N R2W
NE 1/4 corner Section 3

Lansing Twp.
L8 P128

Found 5/8" bar 2.2' west of E
Wood Rd at fence line East

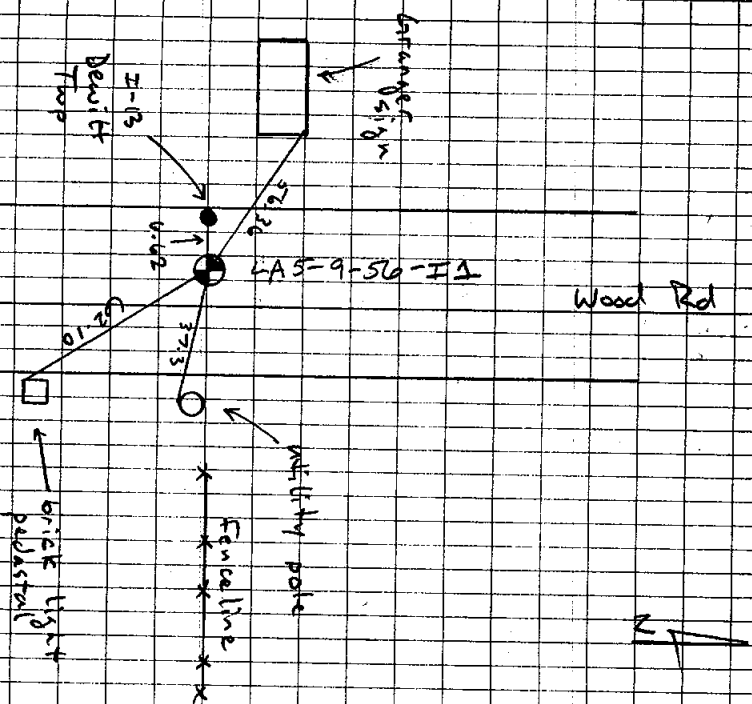
Found N/T 11053 in south side
utility pole S85°E 37.30'

Found southwest corner brick
light pedestal S35°E 62.10'

Found northeast corner of brick
"Granger" sign N70°W 56.36'

Found 4" brass remon disk, unable
to read BLS#, in monument
box W 6.62'

I-13 De Witt Twp



⑦

⑩

EDM calibration

SOKKIA SET 38 II

73° Cloudy

Prism Dist

TD m.

FS 150 m.

1 150.002 m.

2 150.000 m.

3 149.999 m.

TD m.

FS 1213 m.

1 1213.350 m.

2 1213.348 m.

3 1213.349 m.

TD 150 m.

FS 1213 m.

1 1063.347 m.

2 1063.348 m.

3 1063.349 m.

⑪

⑪

8-6-02 72' pretty cloudy JS New

LA5-11-1
LA5-11-2
LA5-11-3

X

Dist F. m.

BSD 0 00 00

534.57 162.938

FSD 131 30 36

365.03 111.260

FSR 311 30 35

365.03 111.260

BSR 79 59 53

534.57 162.938

BSD 0 00 00

534.57 162.937

FSD 131 30 39

365.03 111.260

FSR 311 30 47

365.03 111.258

BSR 180 00 01

534.57 162.938

131-30-39

LA5-11-1

5 1/2" bar 4" N bleed Grand River Ave
across from house # 209 ± 21'
W of CATD bus stop

FS 365.03 111.260

BS 534.57 162.938

⑫

2

Dwight St

Nashington St

LA5-11-3
1" pipe

Grand River Ave

LA5-11-1
Grand River Ave

LA5-11-2
B/C 26454

(12)

8-6-02 72° partly cloudy 55 NW

LAS-11-3

BS LAS-11-1

FS LAS-12-4

X

DIST. F. m.

BSD 0 00 00

365.03 111.260

FSD 107 22 45

365.07 111.274

FSR 281 22 43

365.07 111.274

BSR 180 00 02

365.02 111.258

BSD 0 00 00

365.02 111.259

FSD 107 22 47

365.07 111.274

FSR 297 22 45

365.07 111.274

BSR 180 00 01

365.02 111.258

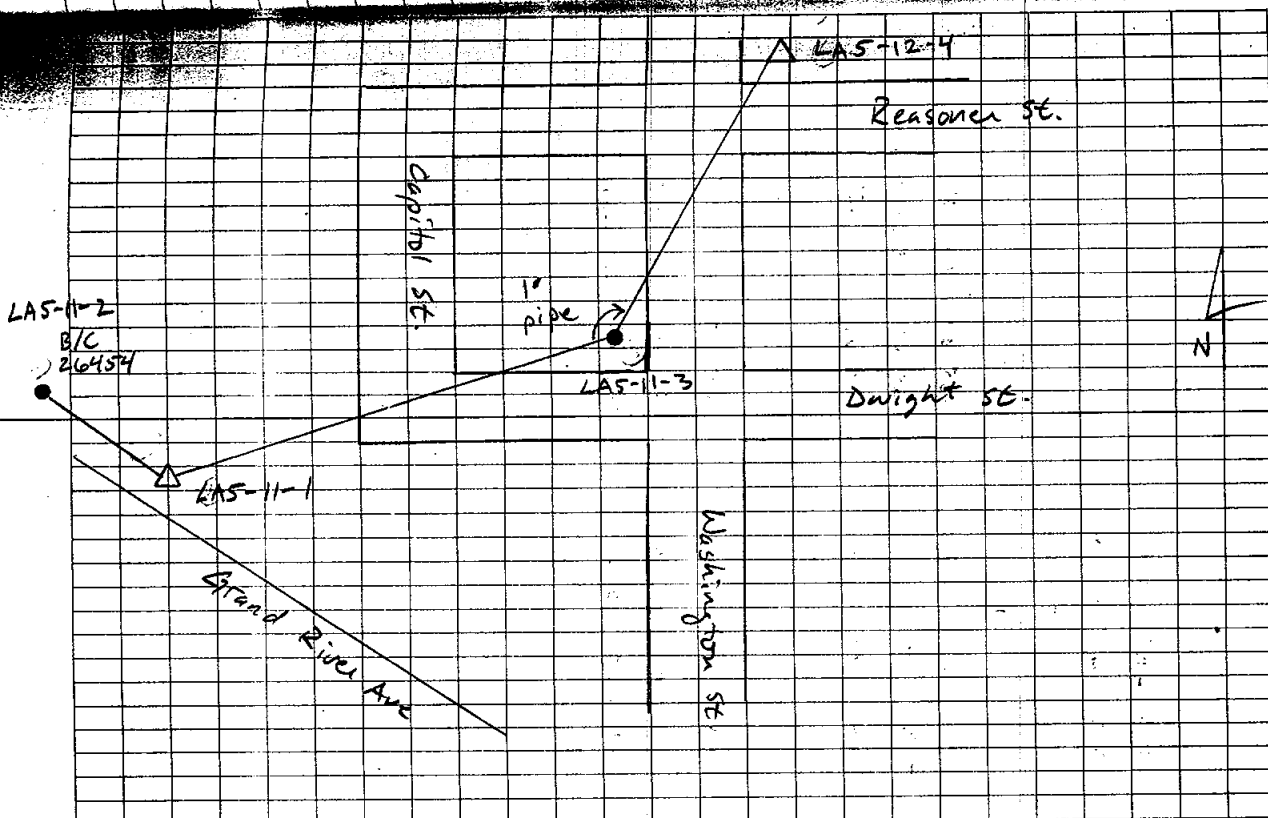
107-22-45

365.07 111.274

LAS-12-4

5. 1/2" bar NE quad Reasoner St.
Washington St. ± 26' NW of hydrant
under power lines

(12)



13

8-6-02	72° partly cloudy	55 NW
--------	-------------------	-------

T: LAS-12-H

BS. 4A5-11-3

ES. 4A5-13-5

4

Dir. 4

W

850	0	00
-----	---	----

365.08

11.297

F5D	67 16 02
-----	----------

328.61

no. 160

FSR 247 16 13

328.61

791-25

852	180 00 11
-----	-----------

365.08

91216

BSD	0 00 04
-----	---------

365.08

11.276

FSD	67 16 01
-----	----------

328.60

00-159

FSR 247 16 0

328.61

09.160

BSP 180 500 01

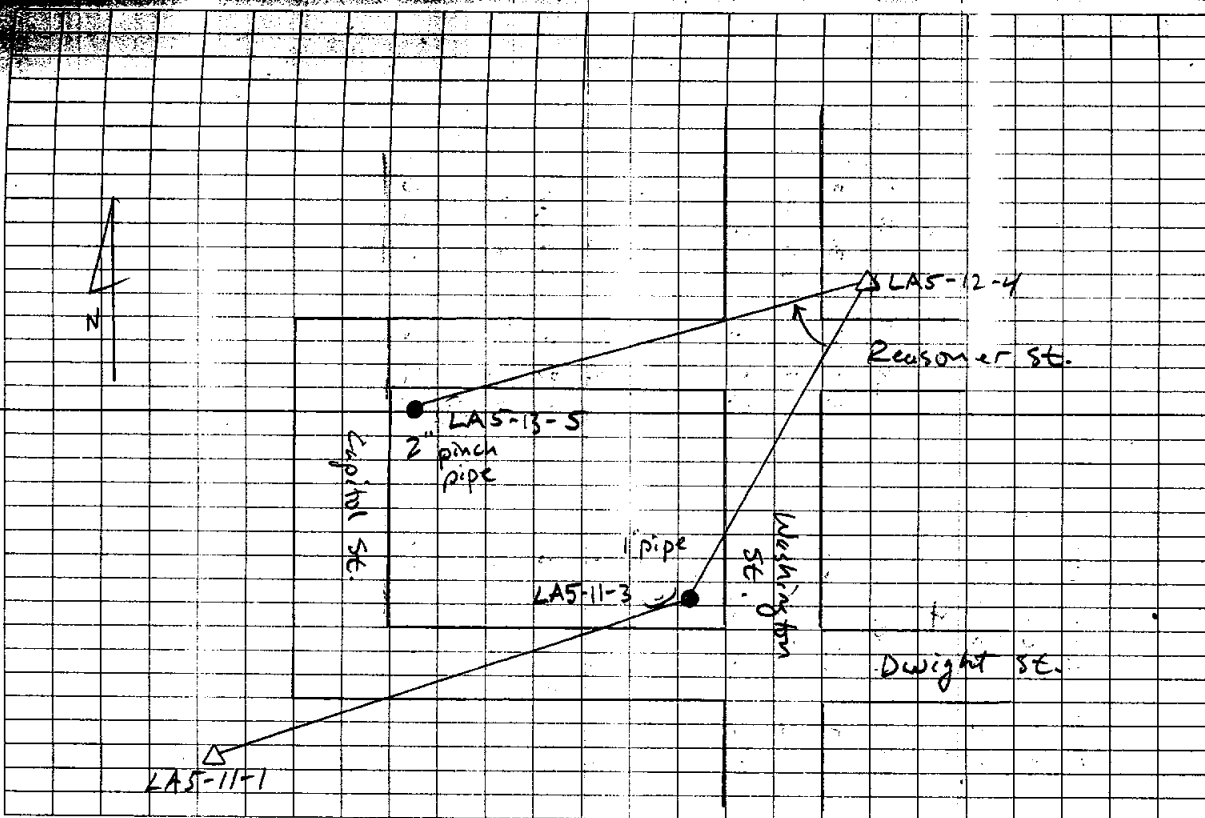
365.01	
--------	--

1,275

67-16-04

328.61

150.150



(14)

8-6-02

72° partly cloudy JS W

TH

LAS-12-4

BS

LAS-11-3

FS

LAS-14-6

X

Dist F.

W.

BSD

0 00 00

365.07

111.275

FS

105 12 07

907.77

276.690

FSR

285 12 09

907.78

276.691

BSR

180 00 00

365.08

111.276

BSD

0 00 00

365.07

111.275

FS

105 12 11

907.77

276.690

FSR

285 12 12

907.78

276.691

BSR

180 00 07

365.08

111.276

105-12-10

907.78

276.691

(14)

Reverer St

LAS-12-4

Washington St

1" pipe

LAS-11-3

Dwight St

Russel St

B/C 25832

LAS-14-6

LAS-11-1

(15)

8-6-02

72° partly cloudy

SS

NW

TH

LAS-12-4

BS

LAS-11-3

FSH

LAS-15-7

4

Dist. F.

m.

BSD

0 00 00

365.07

111.275

FSD

101 42 48

322.87

98.412

FSR

341 42 45

322.87

98.412

BSR

180 00 08

365.08

111.276

BSD

0 00 00

365.07

111.275

FSD

101 42 50

322.87

98.411

FSR

341 42 48

322.87

98.412

BSR

180 00 11

365.09

111.279

101-42-47322.8798.412

(15)

Russell SE.

LAS-15-7

4" pipe

LAS-12-4

Reasoner SE.

Washington SE.

LAS-11-3

1" pipe

LAS-11-1

Dwight SE.

(16)

8-10-02

72° partly cloudy

53 NW

~~TX~~

LAS-12-4

~~BS 3~~

LAS-11-3

~~FS 8~~

LAS-10-8

X

Dist. F.

M.

BSD

0 00 00

365.08

111.276

FSD

113 03 59

426.57

130.018

FSR

353 04 03

426.57

130.020

BSR

180 00 11

365.07

111.275

BSD

0 00 00

365.07

111.275

FSD

173 04 05

426.57

130.019

FSR

353 04 01

426.57

130.019

BSR

180 00 09

365.07

111.275

173-04-02

426.57

130.019

LAS-10-8

X

5 1/2 hr 9' S of

RR tracks

± 71' NW of power pole. At end

of Washington St.

(16)

RR tracks

LAS-10-8

Russell St.

LAS-12-4

Reasoner St.

LAS-11-3

11 pipe

Dwight St.

LAS-11-1

Washington St.

(17)

8-6-02

72° pretty cloudy JS NW

TR

LA5-16-8

BS

LA5-12-4

FS

LA5-17-9

*

Dist. f.

m.

BSD

0 00 00

426.57

130.020

FSD

116 16 06

79.05

24.095

FSR

296 16 09

79.06

24.099

BSR

180 00 12

426.57

130.018

BSD

0 00 00

426.57

130.018

FSD

116 16 04

79.06

24.097

FSR

296 16 05

79.05

24.094

BSR

180 00 00

426.57

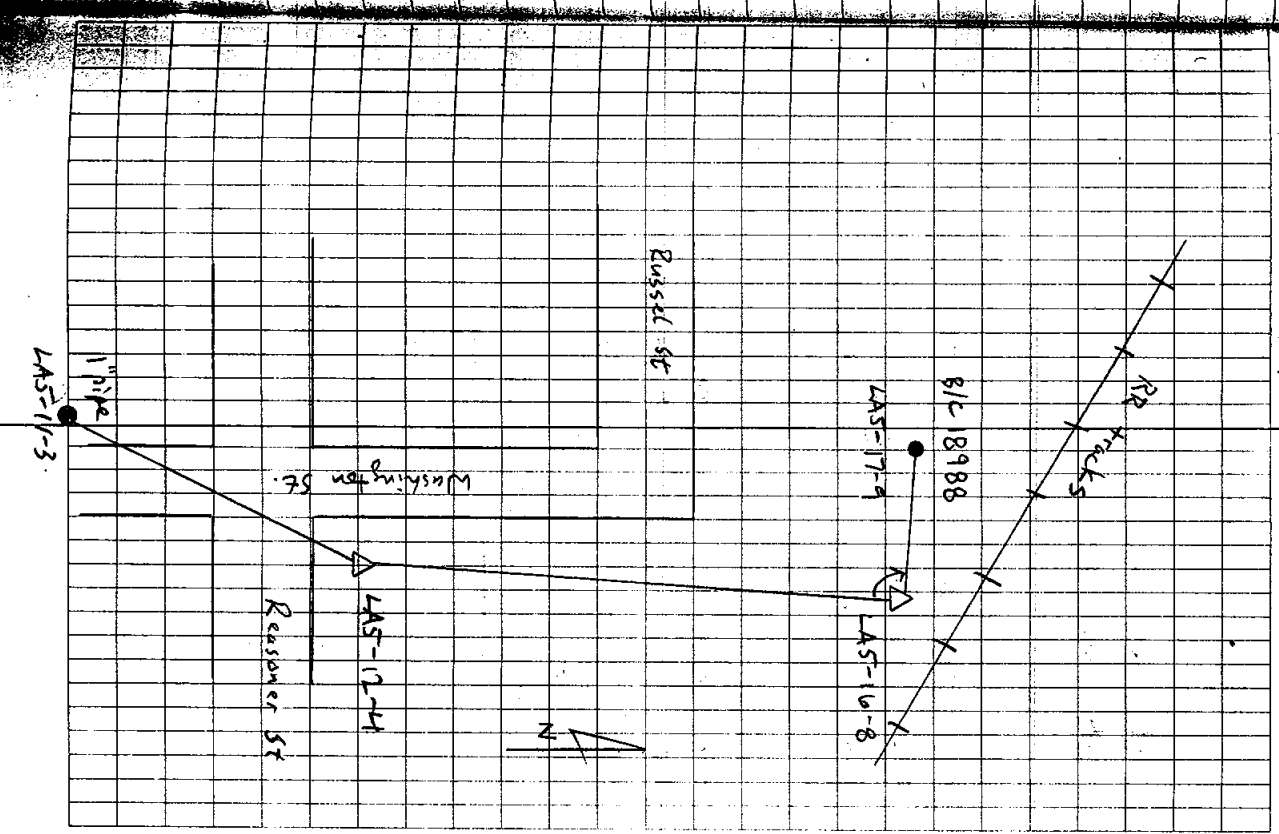
130.019

116-16-06

79.06

24.096

(17)



(18)

8-10-02

72° partly cloudy

55 mi

TR

LAS-16-8

BSM

LAS-12-4

FSM

LAS-18-10

X

Dist. F. m.

BSD

0 00 00

426.57 130.018

FSD

258 13 47

336.73 102.634

FSR

78 13 52

336.73 102.634

BSR

180 00 08

426.57 130.019

BSD

0 00 00

426.57 130.018

FSD

258 13 47

336.73 102.634

FSR

78 13 46

336.73 102.634

BSR

180 00 07

426.57 130.018

258-13-47

336.73

102.634

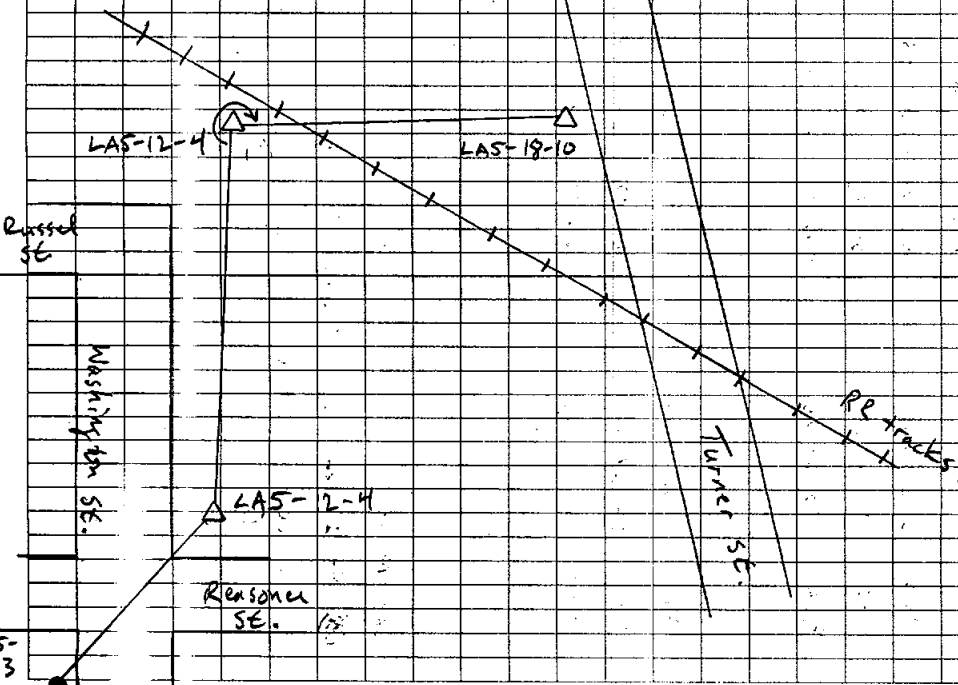
LAS-18-10

5-1/2 bar w/1/5 Turner St. W of

6' walk ± 40' N of power pole. Opposite

N entrance to Baichat Concrete.

(18)



(19)

8-8-02

75° sunny

JS JF

T 19

LAS-18-10

BS 8

LAS-16-8

FS 11

LAS-19-11

*

Dist. F.

m.

BSD 0 00 00

336.72

102.633

FSD 73 24 21

1009.16

307.593

FSR 253 24 26

1009.16

307.593

BSR 179 59 58

336.72

102.633

BSD 0 00 00

336.71

102.630

FSD 73 24 22

1009.15

307.591

FSR 253 24 20

1009.15

307.591

BSR 74 59 55

336.71

102.629

73-24-22

1009.16

307.592

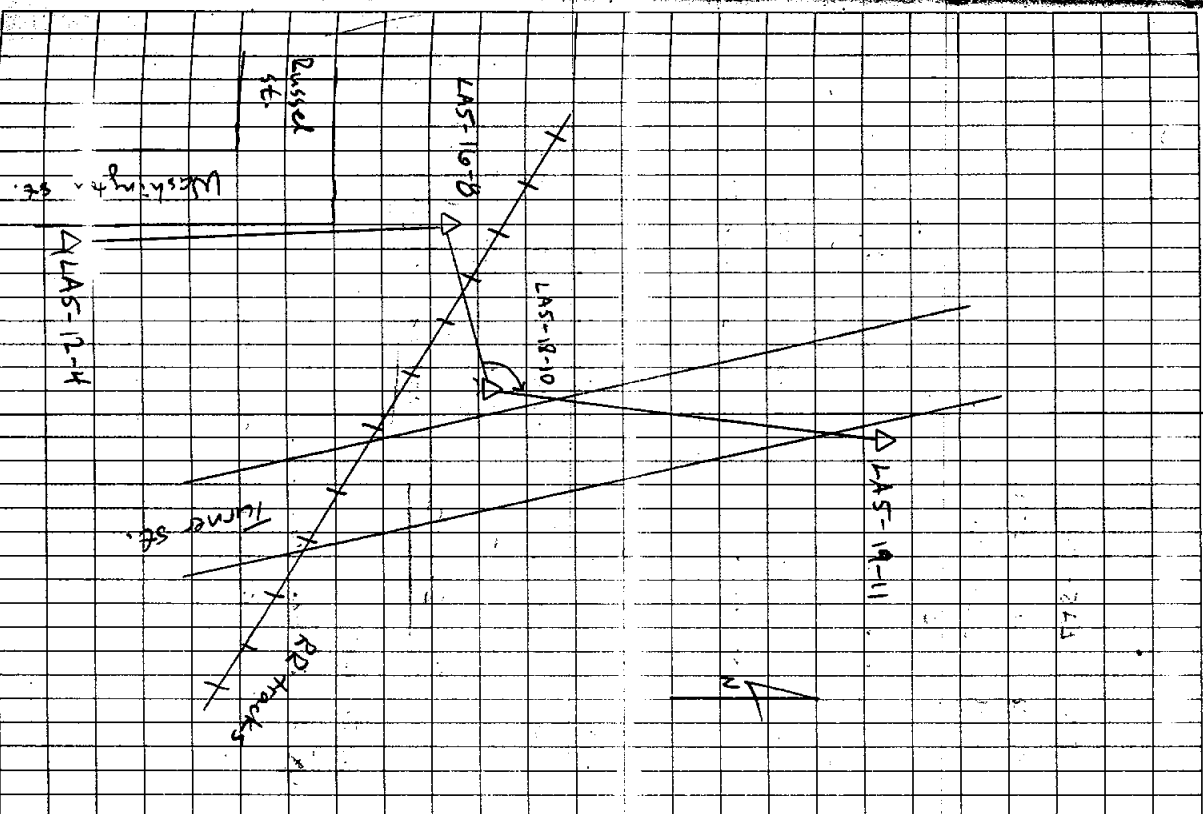
LAS-11

5.12 bar

@ 6/cmb ± 4' N 5'

drive for house # 2226 E/S Turn St.

(19)



(20)

8-8-02 75° sunny JS NW

LAS-19-11

BS 19 LAS-18-10

F 19 LAS-20-12

Dist F. m

BSD 0 00 00 1009.16 307.594

FSD 183 21 38 588.50 179.375

FSR 3 21 47 588.50 179.375

BSR 179 59 54 1009.16 307.593

BSD 0 00 00 1009.16 307.592

FSD 183 21 38 588.50 179.374

FSR 3 21 42 588.50 179.374

BSR 179 59 55 1009.16 307.593

183-21-42 588.50 179.373

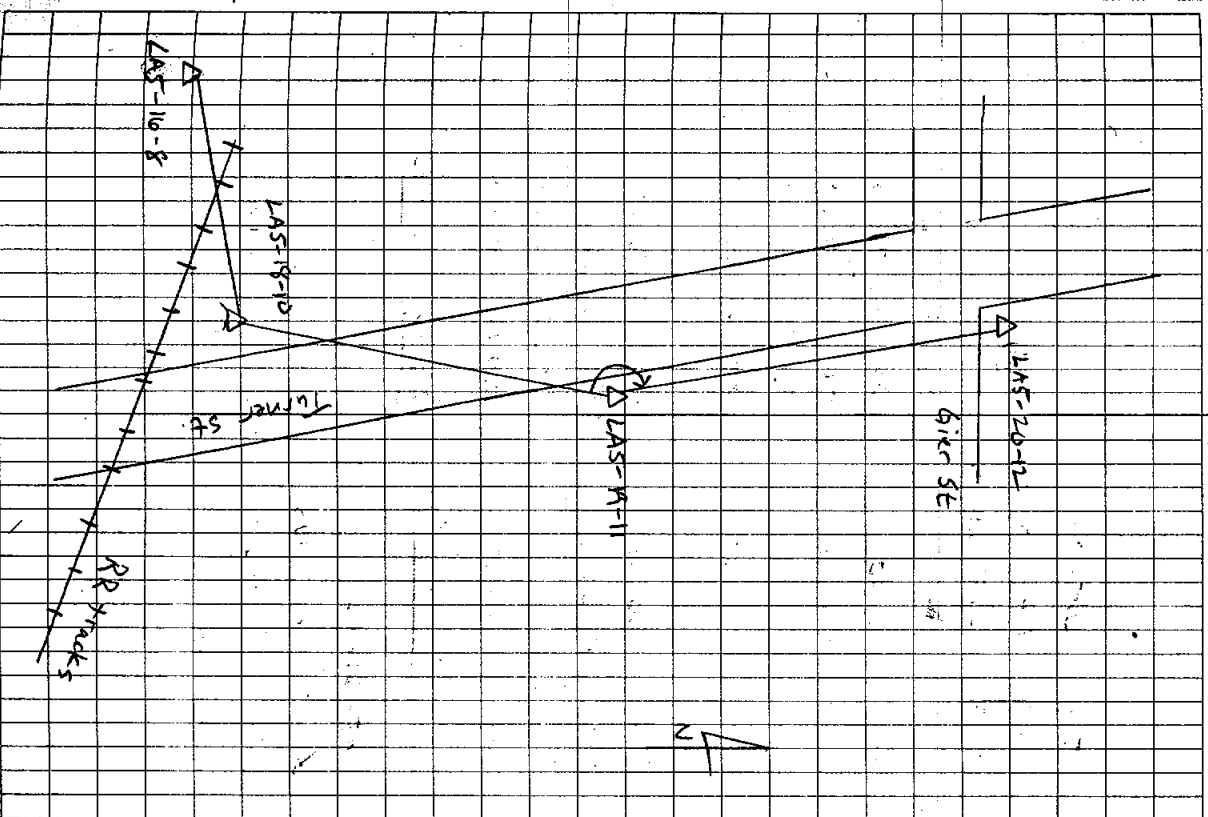
LAS-20-12

5.1/2" ben NE quad of Turn 3 Grid SE.

1' E of bench Turn 3 26' NW of

Hydant

(20)



(21)

8-8-02 75' survey JS JF

LAS-20-12
LAS-19-11
LAS-21-13

*

Dist. F. m.

BSD 0 00 02 588.50 179.375

FSD 184 16 34 990.55 301.919

FSR 4 16 39 990.52 301.912

BSR 180 00 05 588.50 179.374

BSD 0 00 02 588.51 179.377

FSD 184 16 36 990.55 301.919

FSR 4 16 31 990.55 301.919

BSR 180 00 07 588.50 179.375

184-16-36

990.54 301.918

LAS-21-13

5.1/2" bar E/S Turner St. across

From Filley St. 7 E of block

27 SSE of gas riser

(22)

Jackson St

LAS-21-13

Filley St.

LAS-20-12

Grice St.

Turner St.

LAS-19-11

LAS-18-10

(22)

8-8-02 75° sunny JS JF

~~TP~~ LAS-21-13.

~~BSR~~ LAS-20-12

~~FSD~~ LAS-22-14

X Dist. F. M.

BSD 0 00 00 990.54 301.918

FSD 213 10 29 317.91 96.898

FSR 33 10 26 317.91 96.898

BSR 179 59 58 990.54 301.917

BSD 0 00 00 990.54 301.918

FSD 213 10 27 317.91 96.898

FSR 33 10 28 317.91 96.898

BSR 180 00 04 990.54 301.918

213-10-28 317.91 96.898

LAS-22-14

~~5~~ 5. 1/2" bar N/S Jackson St. in front

of house # 216 3' N of 61 curbs 2.5' E

of 24" Angle

(20)

△ LAS-22-14

Jackson St.

Filly St.

△ LAS-21-13

△ LAS-20-12

615 St.

△ LAS-19-11

Turner St.

(23)

8-8-02

75° sunny JS JF

TH LAS-22-14

BS LAS-21-13

FS LAS-23-15

+

Dist. F. M.

BSD 0 00 00

317.92 96.901

FSD 261 17 23

758.37 231.151

FSR 81 17 24

758.36 231.148

BSR 180 00 05

317.92 96.902

BSD 0 00 00

317.92 96.901

FSD 261 17 23

758.36 231.150

FSR 81 17 26

758.36 231.148

BSR 179 55 56

317.92 96.902

261-17-25

758.36 231.149

LAS-23-15

5-1/2" bar NW guard Creston i

Jackson St 2' S F/walk 1.5 W F/walk

3' N 6/curb

(23)

LAS-23-15

Jackson St.

Creston St.

LAS-22-14

LAS-21-13

LAS-20-12

Turner St.

N

(24)

8-8-02 75' survey JS JF

T 15 LAS-23-15
BS H LAS-22-14
FS M LAS-24-16

4

Dist F. m.

BSD 0 00 00 758.36 231.150
FSD 96 51 12 194.14 59.175
FSR 276 51 19 194.14 59.175
BSR 180 00 01 758.36 231.150

BSD 0 00 00 758.37 231.151
FSD 96 51 13 194.15 59.176
FSR 276 51 18 194.14 59.175
BSR 180 00 02 758.36 231.149
96-51-16

LAS-24-16

194.14 59.175

5 1/2" bar E/S Creston St. 7' S of
Drive # 2900 1.5' E of 6/4mb

(24)

LAS-24-16
LAS-23-15

Creston St

LAS-22-14
Jackson St.
LAS-21-13

N

(25)

8-8-02 75° sunny JS JF

X 16 LAS-24-16

BS 15 LAS-23-15

FS 14 LAS-2-17-F2

X DIST F. m.

BSD 0 00 00 194.14 59.175

FSD 78 01 32 241.17 73.510

FSR 258 01 28 241.17 73.509

BSR 180 00 02 194.14 59.174

BSD 0 00 00 194.13 59.172

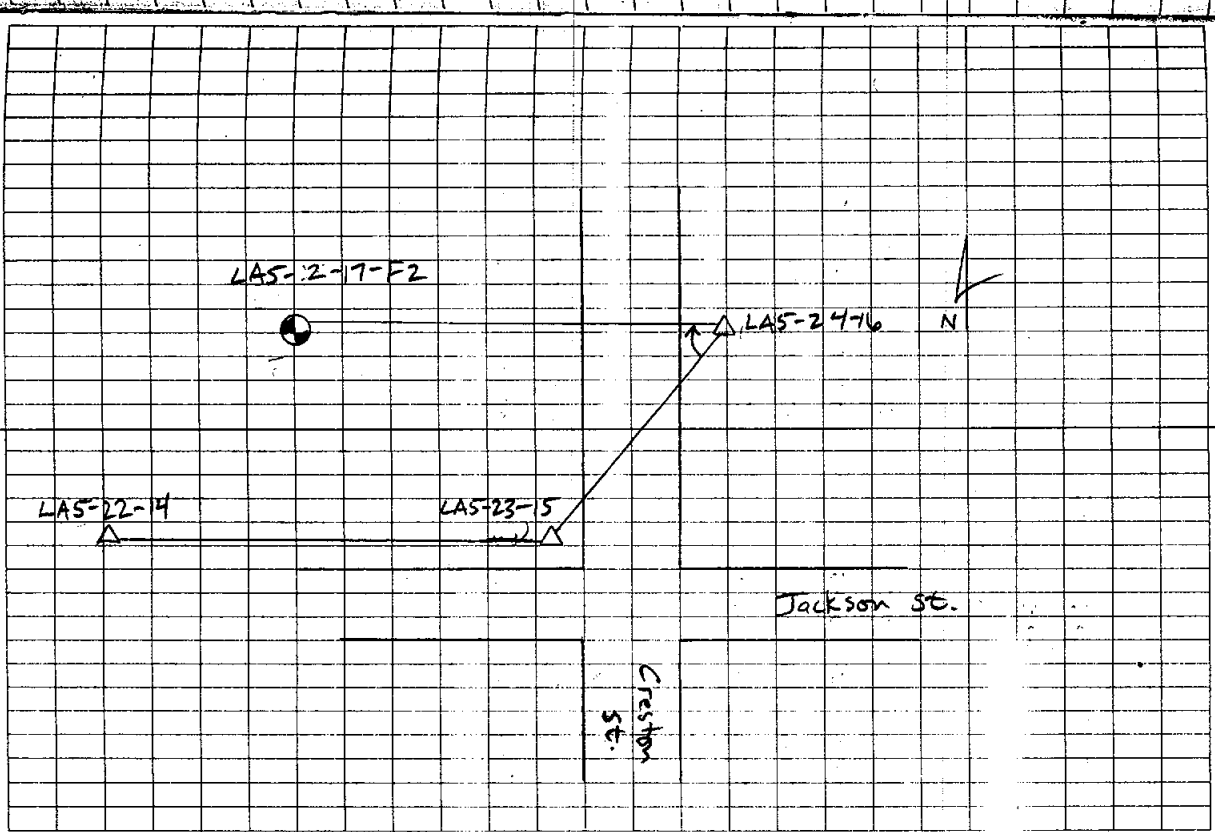
FSD 78 01 29 241.17 73.508

FSR 258 01 30 241.17 73.508

BSR 180 00 00 194.14 59.173

78-01-30 241.17 73.509

(25)



(26)

8-8-02 75' Spring JS JC

715 LAS-23-15

BS 14 LAS-22-14

FS 18 LAS-26-18

X Dist F. m.

BSD 0 00 00 758.37 231.151

FSD 85 10 45 922.53 281.189

FSR 265 10 51 922.53 281.189

BSR 150 00 01 758.36 231.150

BSD 0 00 00 758.36 231.149

FSD 85 10 41 922.53 281.188

FSR 265 10 49 922.53 281.189

BSR 150 00 03 758.36 231.149

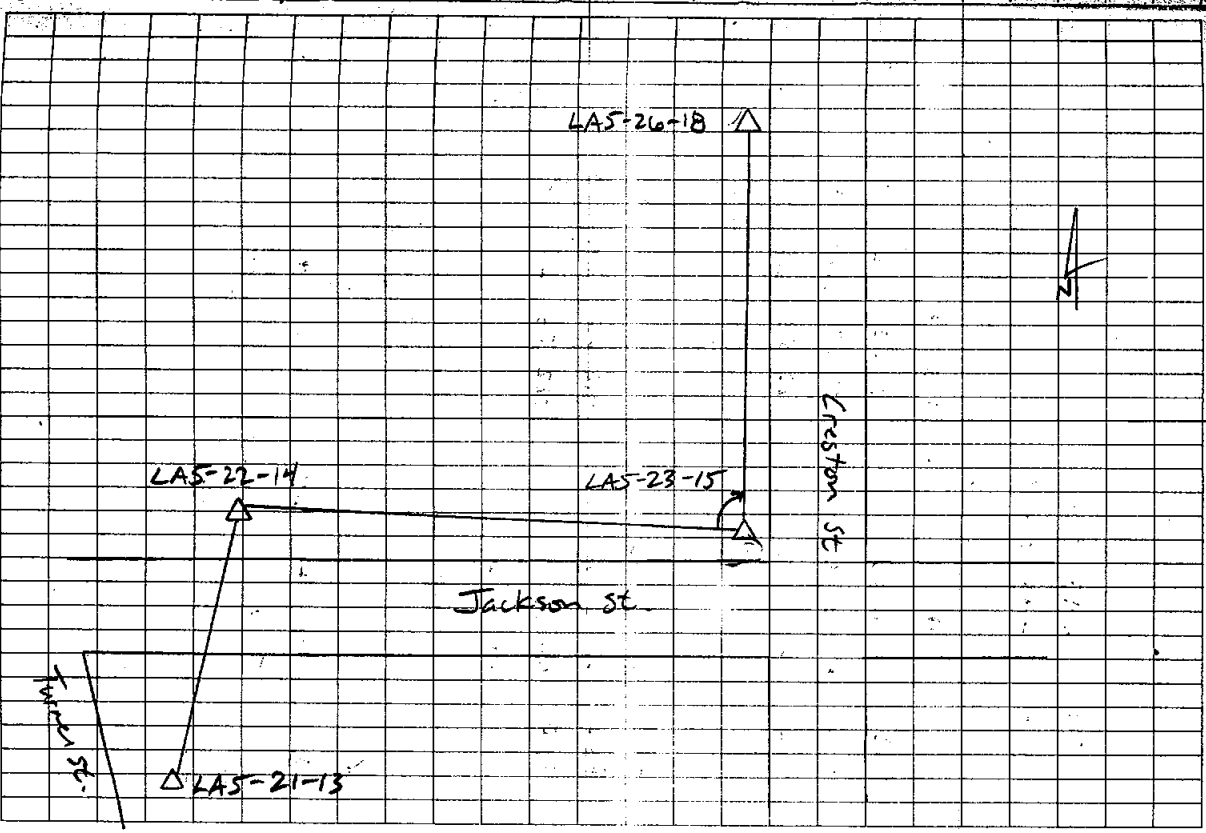
85-10-49
922.53 281.189

LAS-26-18

~~5~~ 5. 1/2 bar w/s Creston St.

4' S of drive # 3107 8' W 6' W 6'

(26)



(27)

8-8-02 75° sunny JS JF

T/B LAS-26-18
BS LAS-23-15
FS LAS-27-19

Dist F. m.

BSD 0 00 00 922.53 281.188

FSD 182 06 38 881.62 268.719

FSR 2 06 41 881.62 268.719

BSR 180 00 08 922.53 281.187

BSD 0 00 00 922.53 281.187

FSD 182 06 38 881.62 268.718

FSR 2 06 39 881.62 268.718

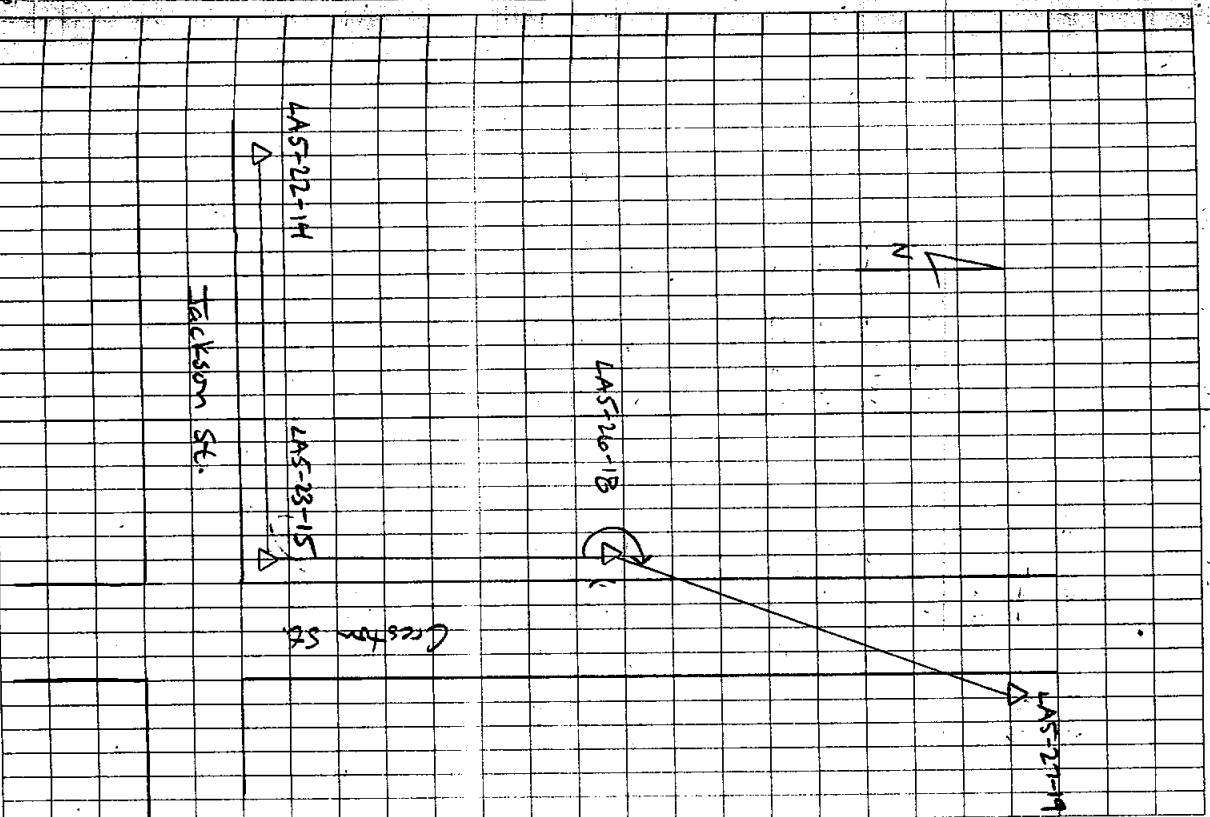
BSR 180 00 05 922.53 281.187

182-06-39
881.62 268.718

LAS-27-19

5. 1/2" bar E/S Creston St in front
of house # 3304 18' N of main box
3304 1' E of 6/amb

(27)



(28)

8-9-02 80° sunny 55 NW

X 19 LAS-27-19
BS 18 LAS-26-18
FS 20 LAS-28-20

X Dist F. m.

BSD 0 00 00 881.62 268.718

FSD 176 32 14 963.20 293.584

FSR 356 32 12 963.20 293.584

BSR 179 59 52 881.62 268.718

BSD 0 00 00 881.62 268.717

FSD 176 32 18 963.20 293.584

FSR 356 32 16 963.20 293.584

BSR 180 00 00 881.62 268.717

76-32-14 963.20 293.584

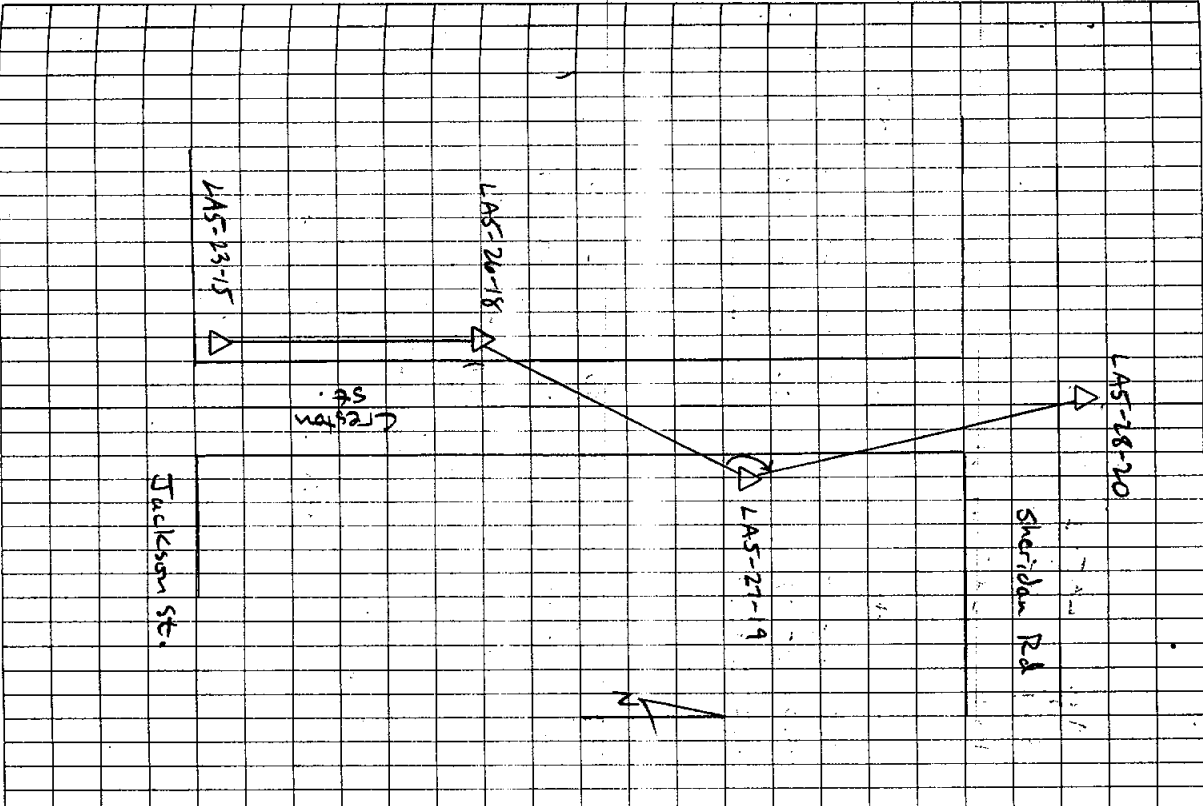
LAS-28-20

5 1/2" bar N/S Sheridan Rd 4.5'

N 6' curb 4' W of E Creston

11' ESE of hydrant

(28)



(24)

8-9-02

80° sunny

TS NW

T₂₀ LAS-28-20
BS19 LAS-27-19
FSB1 LAS-1-21-F1

X

Dist. F. m.

BSD 0 00 00 963.20 293.583

FSD 85 57 00 222.76 67.898

FSR 265 57 02 222.76 67.898

BSR 180 00 05 963.20 293.583

BSD 0 00 00 963.19 293.581

FSD 85 57 00 222.71 67.899

FSR 265 57 03 222.76 67.898

BSR 179 59 57 963.19 293.581

85-57-01 222.76 67.898

(25)

LAS-28-20
LAS-1-21-F1
Sheridan RA

LAS-27-19

LAS-26-18

Creston St.

N

(30)

8-9-02

80' Sunny

JS New

T PP LAS-28-20

BS 19 LAS-27-19

FS 21 LAS-30-22

X

Dist. F.

m.

BSD 0 00 00

963.19

293.582

FSD 273 28 01

876.21

267.070

FSR 93 27 59

876.22

267.071

BSR 150 00 00

963.19

293.582

BSD 0 00 00

963.19

293.582

FSD 273 28 00

876.22

267.071

FSR 93 28 03

876.22

267.071

BSR 179 59 57

963.19

293.582

293-28-0

876.22

267.071

LAS-30-20

② 5 1/2" bar S/S Sheridan Rd SW guard

of Sheridan & Schultz St 0.5' S

of 6' curb W E of drive #322

(30)

LAS-28-20

Sheridan Rd

LAS-30-22

LAS-27-19

Schultz St

LAS-24-8

Creston St

31

8-9-02

80° sunny

JS NW

T 22

LAS-30-22

BS 22

LAS-28-20

FS 22

LAS-31-23

4

Dist. F.

m.

BSD

0 00 00

876.22

267.072

FSD

177 38 13

904.10

275.570

FSR

357 38 24

904.10

275.571

BSR

180 00 05

876.21

267.070

BSD

0 00 00

876.22

267.071

FSD

177 38 16

904.10

275.570

FSR

357 38 23

904.10

275.570

BSR

179 59 59

876.21

267.070

177-38-19

904.10

275.570

LAS-31-23

5. 1/2 bar

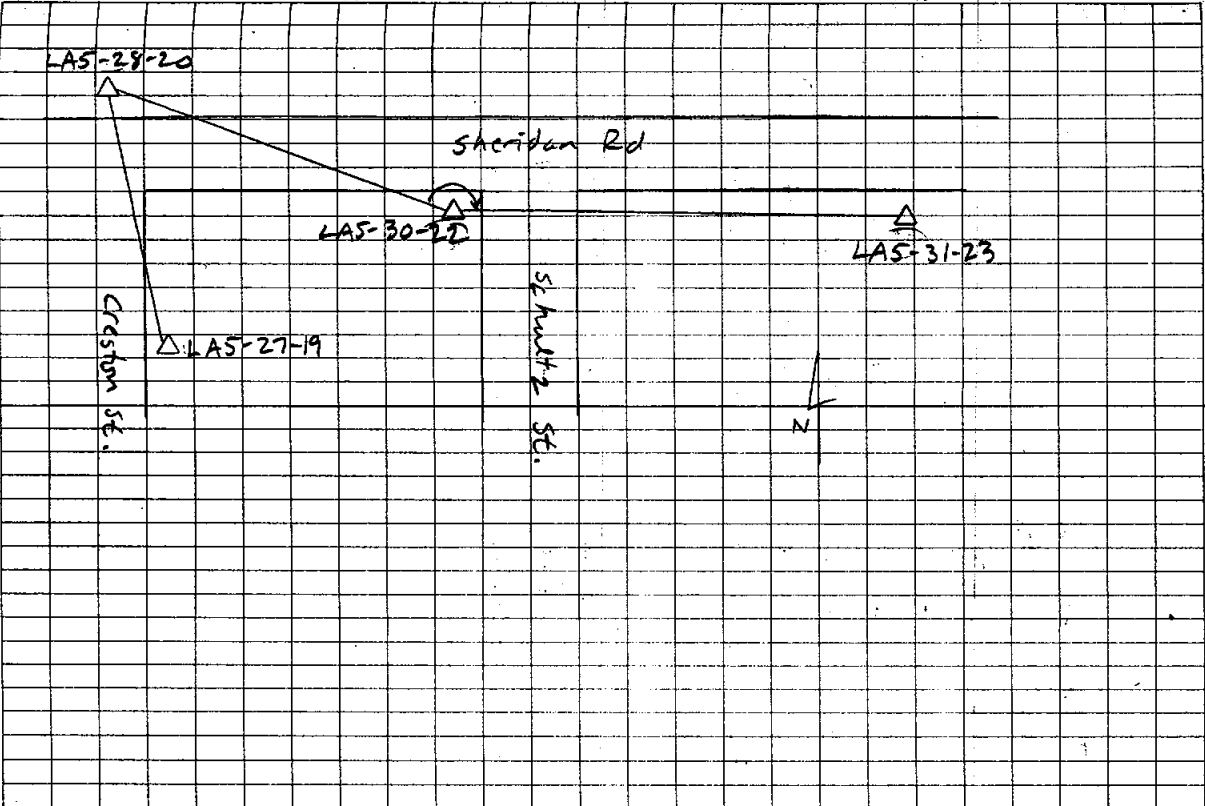
S/S Sheridan Rd 0.5'S

6/curbs @ approx E of

524

3.5 N of power pole

31



(32)

8-19-02 72° cloudy/wet JS NW

T 28 LAS-31-23

BS 28 LAS-30-22

FS 24 LAS-7-24-41

*

Dist. F. m.

BSD 0 00 00 904.12 275.576

FSD 178 33 41 645.98 196.895

FSR 358 33 48 645.97 196.893

BSR 179 59 51 904.12 275.577

BSD 0 00 00 904.12 275.577

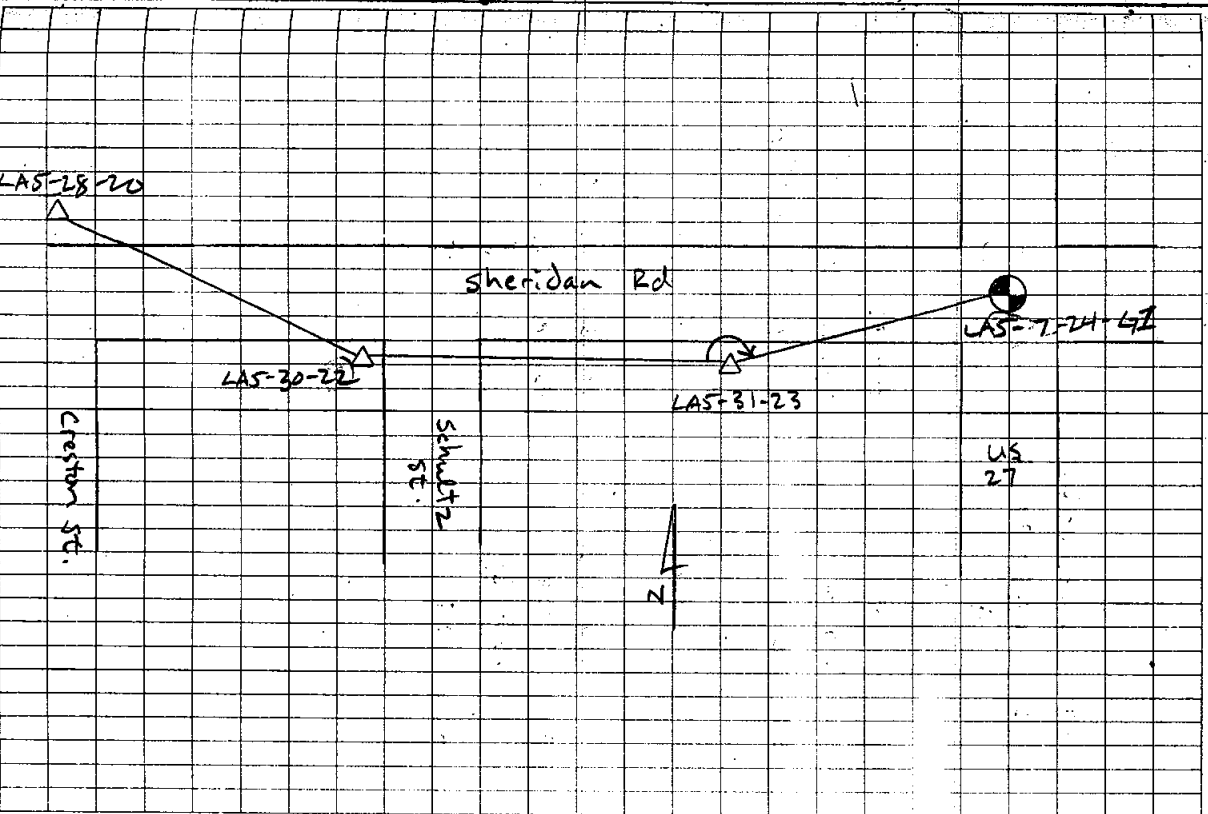
FSD 178 33 43 645.98 196.894

FSR 358 33 45 645.98 196.894

BSR 179 59 56 904.13 275.578

178-33-44 645.98 196.894

(32)



(34)

8-19-02 72° cloudy / wet JS NW

LAS

LAS-33-25

BS 26

LAS-31-23

FS 26

LAS-34-26

X

Dist F. m.

BSD

0 00 00

898.33 273.811

FSD

176.19 23

481.35 146.717

FSR

356.19 29

481.35 146.716

BSR

179.59 54

898.31 273.806

BSD

0 00 00

898.32 273.807

FSD

176.19 24

481.35 146.717

FSR

356.19 31

481.35 146.716

BSR

179.59 56

898.32 273.807

176-19-27

481.35

146.716

LAS-34-26

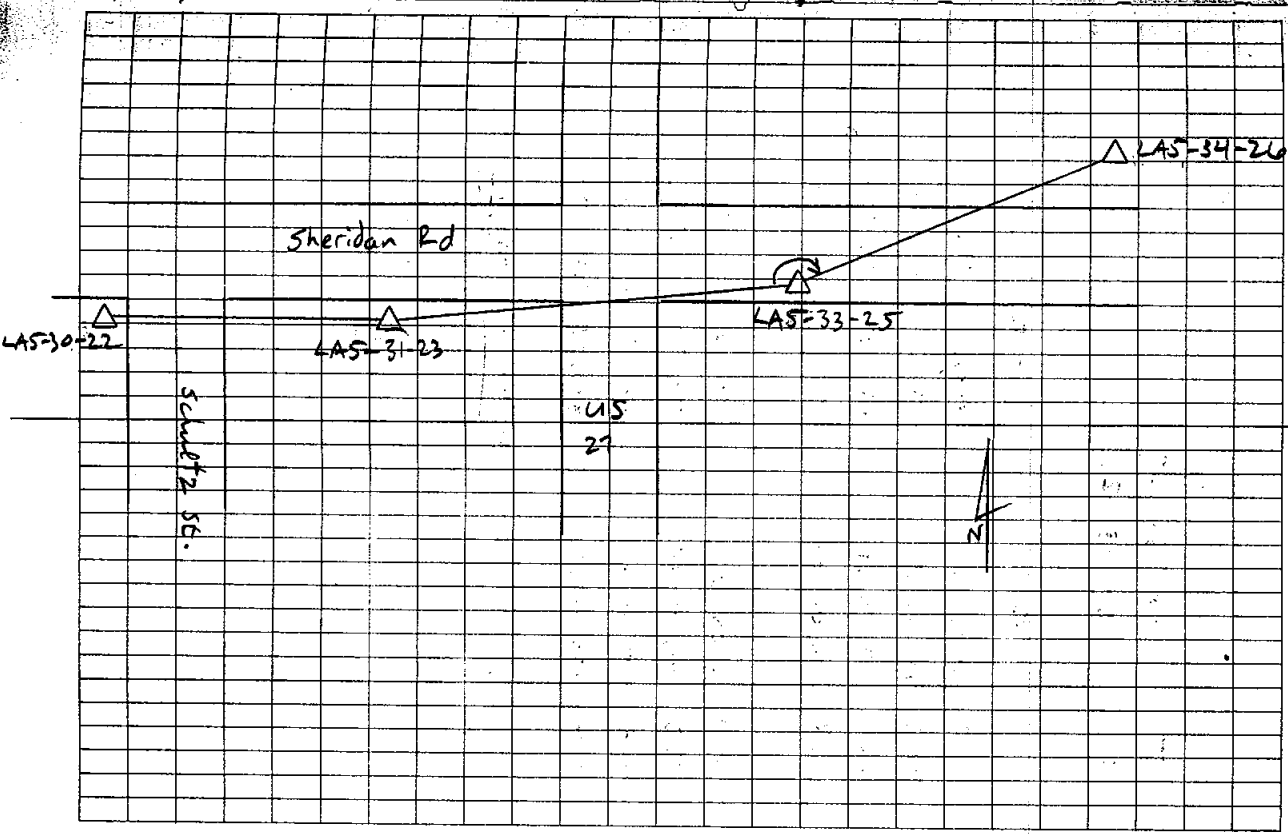
26

5' 1/2" bar @ edge of yard 64' SE

OF SE corner of house #813 24' N

of edge of 67' NW of power pole

(34)



(35)

8-19-02 12" cloud 7/10 at 05 NW

T

LA5-34-26

BS

LA5-33-25

FS

LA5-35-27

X

Dist. f. m.

BSD 0 00 00

481.36 146.718

FSD 184 46 46

588.34 179.325

FSR 4 46 45

588.34 179.326

BSR 182 00 07

481.36 146.716

BSD 0 00 00

481.35 146.716

FSD 184 46 45

588.34 179.326

FSR 4 46 44

588.34 179.326

BSR 182 00 05

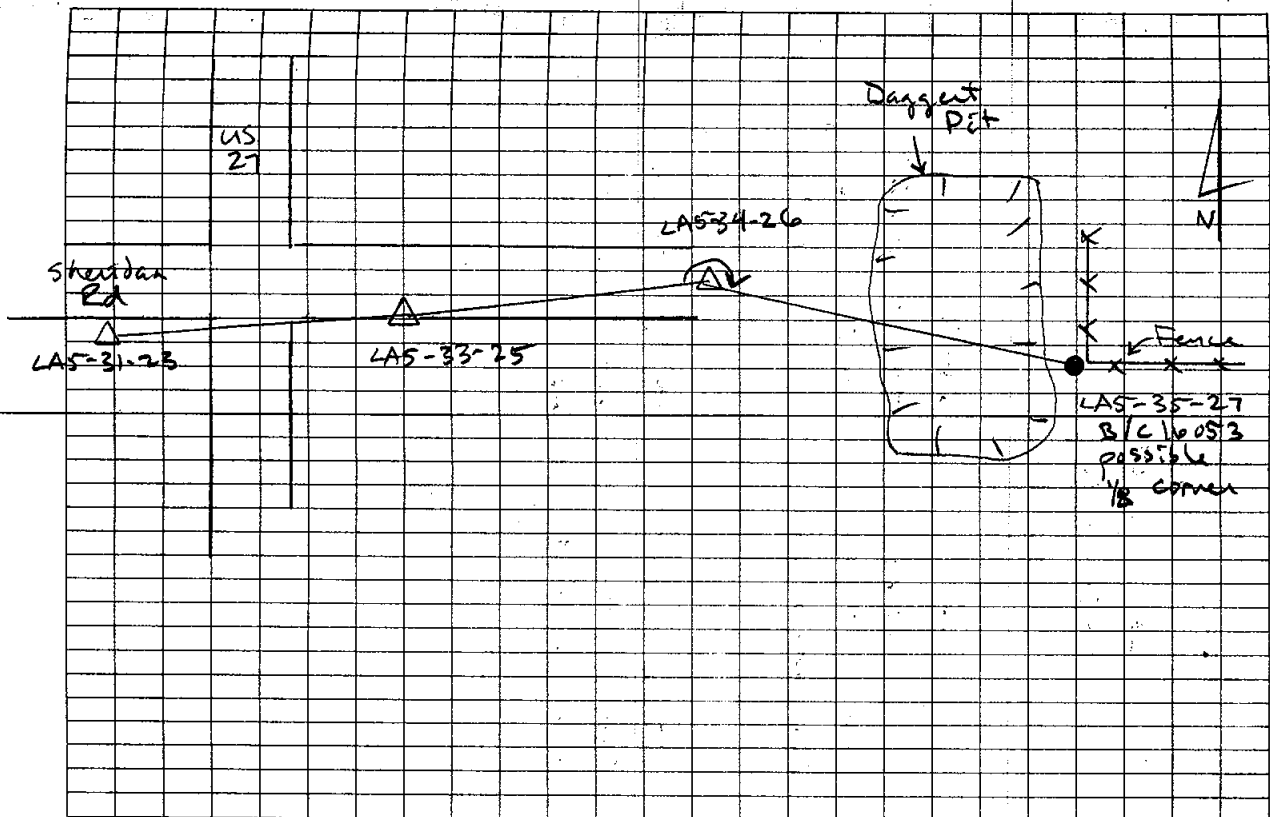
481.35 146.716

184-46-45

588.34

179.326

(35)



(36)

8-19-02

72° cloudy, light

55 NW

T

LA5-35-27

BS

LA5-34-26

FS

LA5-36-28

X

Sgt F.

m.

BSD 0 00 00

588.35

179.329

FSD 80 53 56

269.52

82.150

FSR 200 54 00

269.52

82.149

BSR 80 00 07

588.34

179.326

BSD 6 00 00

588.35

179.328

FSD 80 53 48

269.52

82.149

FSR 200 53 54

269.52

82.150

BSR 80 00 01

588.34

179.327

80-53-55

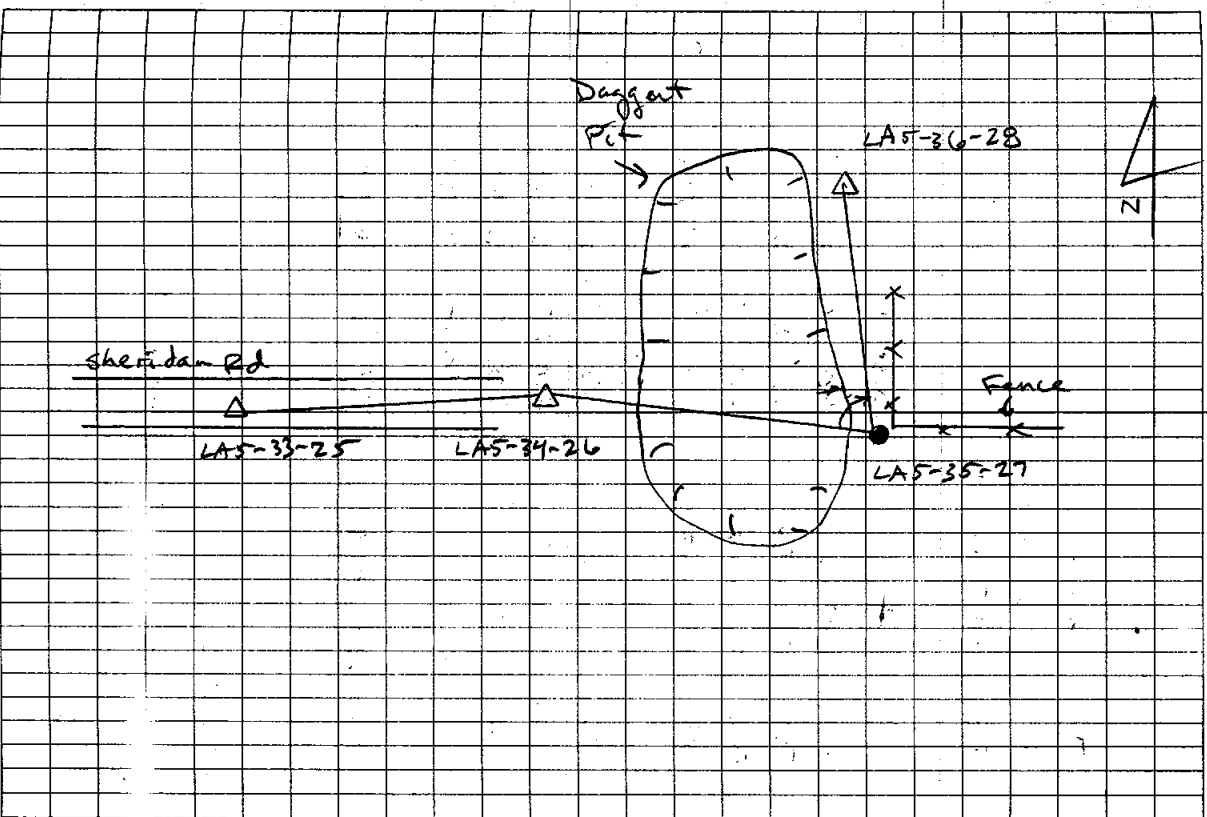
269.53

82.158

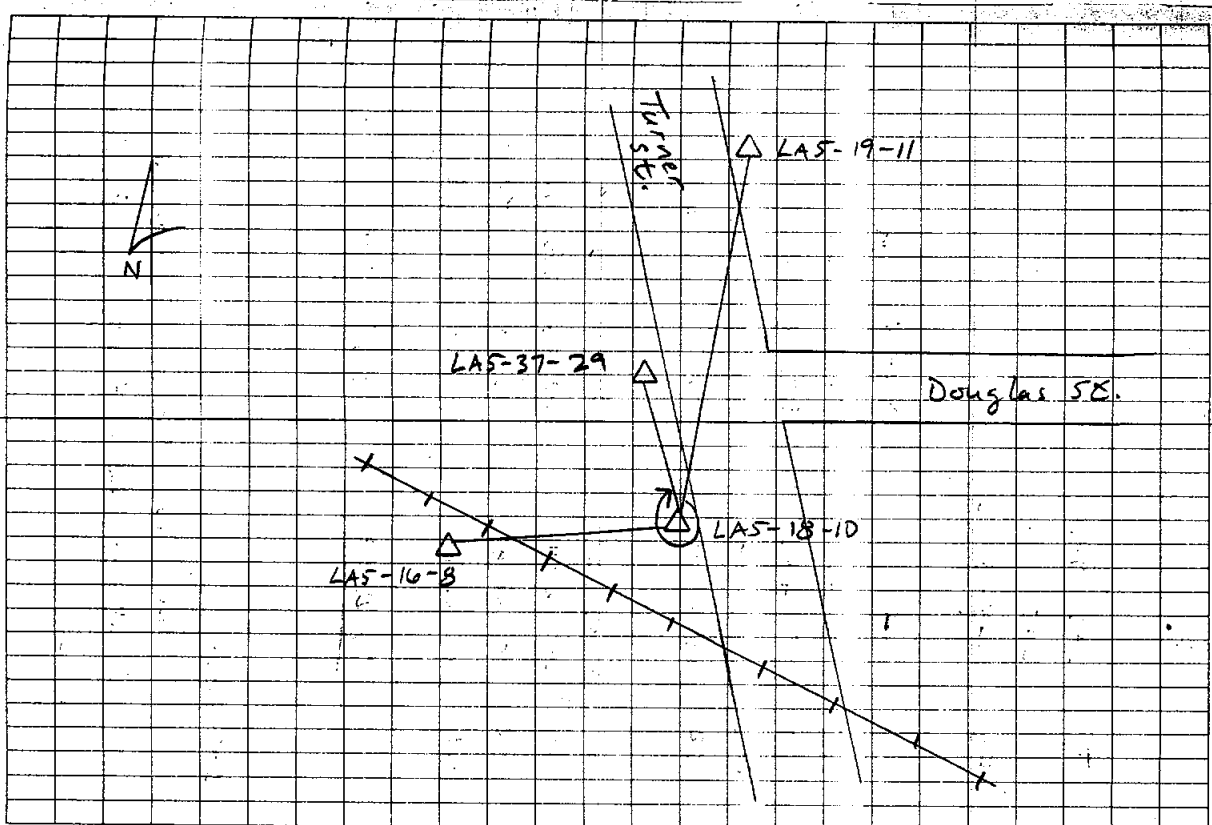
LA5-34-28

5 1/2 bar E/S Daggar Pit

(36)



(37)	8-22-02	75° light rain	JS	NW
T	LAS-18-10			
BS	LAS-19-11			
FS	LAS-37-29			
X		Dist F.	m.	
BSD	0 00 00	1009.17	307.597	
FSD	358.0439	350.75	106.909	
FSR	178.0442	350.75	106.909	
BSR	180.0007	1009.17	307.595	
BSD	0 00 00	1009.17	307.595	
FSD	358.0437	350.75	106.908	
FSR	178.0444	350.75	106.909	
BSR	180.0014	1009.17	307.595	
	<u>358-04-40</u>	<u>350.75</u>	<u>106.909</u>	
LAS-37-29				
S. 1/2 Sec w/S Turner @ Douglas St				
1' E of F/Landk	34' N of RR sign			
32' S of guy pole				



(38)

8-22-02

75° light rain JS NW

X

LAS-37-29

BS

LAS-18-10

FS

LAS-38-30

X

Dist. F. M.

BSD

0 00 00

350.75

106.910

FSD

297 21 40

918.93

280.091

FSR

117 21 44

918.93

280.091

BSR

179 59 58

350.75

106.909

BSD

0 00 00

350.75

106.909

FSD

297 21 44

918.93

280.091

FSR

117 21 45

918.93

280.091

BSR

180 00 02

350.75

106.909

297-21-43

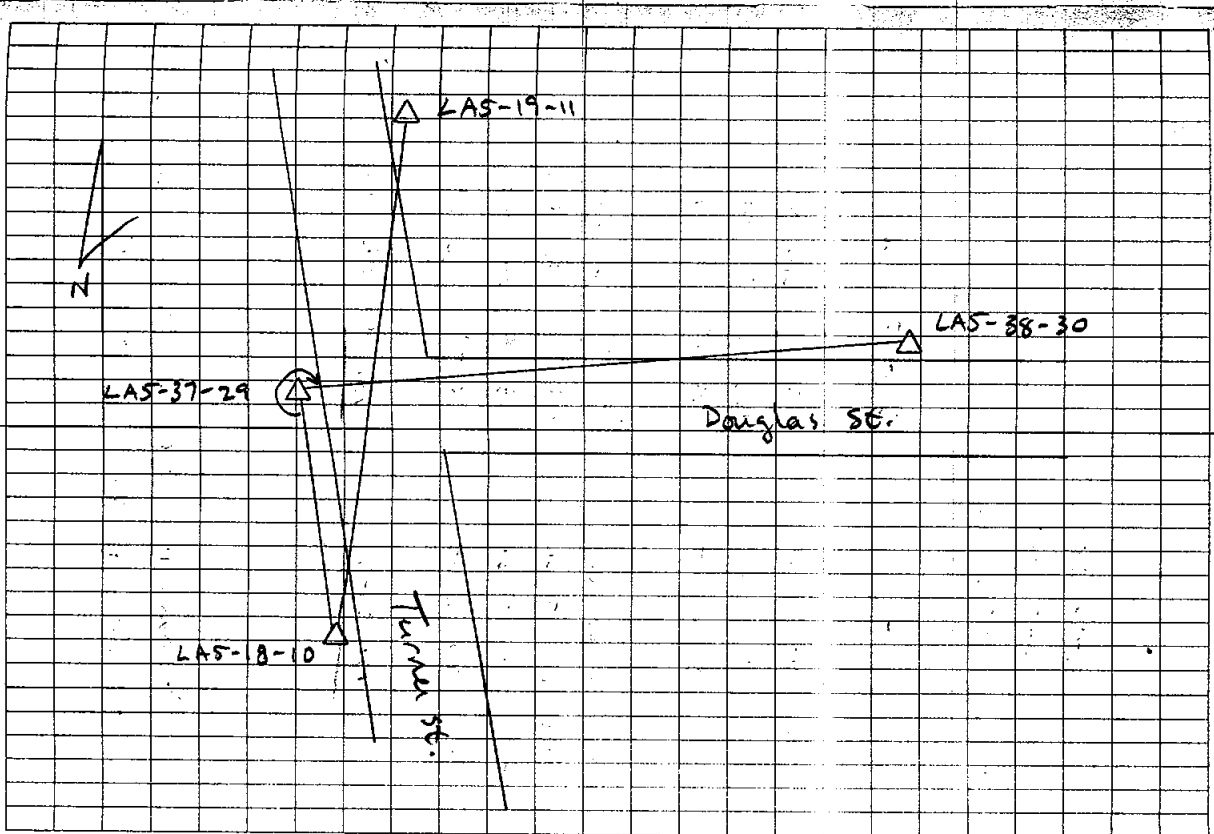
918.93

280.091

LAS-38-30

5-1/2" bar N/S Douglas St
in front of house # 327 4' E of
power pole

(38)



35

8-22-02

75° light rain

SS NW

T

LA5-38-30

BS

LA5-37-29

FS

LA5-39-31

4

Dist F. m.

BSD

0 00 00

918.94 280.092

FSD

191 07 17

1037.89 316.348

FSR

11 07 19

1037.89 316.348

BSR

180 00 05

918.93 280.091

BSD

0 00 00

918.93 280.091

FSD

191 07 21

1037.89 316.348

FSR

11 07 24

1037.89 316.348

BSR

150 00 03

918.93 280.091

191-07-20

1037.89 316.348

LA5-39-31

S.PK rail in concrete sidewalk safeguard
of Douglas St. is US 27 1' N sidewalk

36

US
27

LA5-38-30

Douglas
St.

LA5-39-31

LA5-37-29

LA5-18-10

Turner St.

(40)

8-22-02

750 light rain

JS NW

X

LAS-39-31

BS

LAS-38-30

FS

LAS-40-32

X

Dist F.

M.

BSD

0 00 00

1037.89

316.348

FSD

163 24 49

526.49

160.473

FSR

343 24 46

526.48

160.472

BSR

180 00 05

1037.89

316.348

BSD

0 00 00

1037.88

316.347

FSD

163 24 44

526.48

160.472

FSR

343 24 47

526.49

160.473

BSR

180 00 05

1037.88

316.347

163-24-47526.49160.473

LAS-40-32

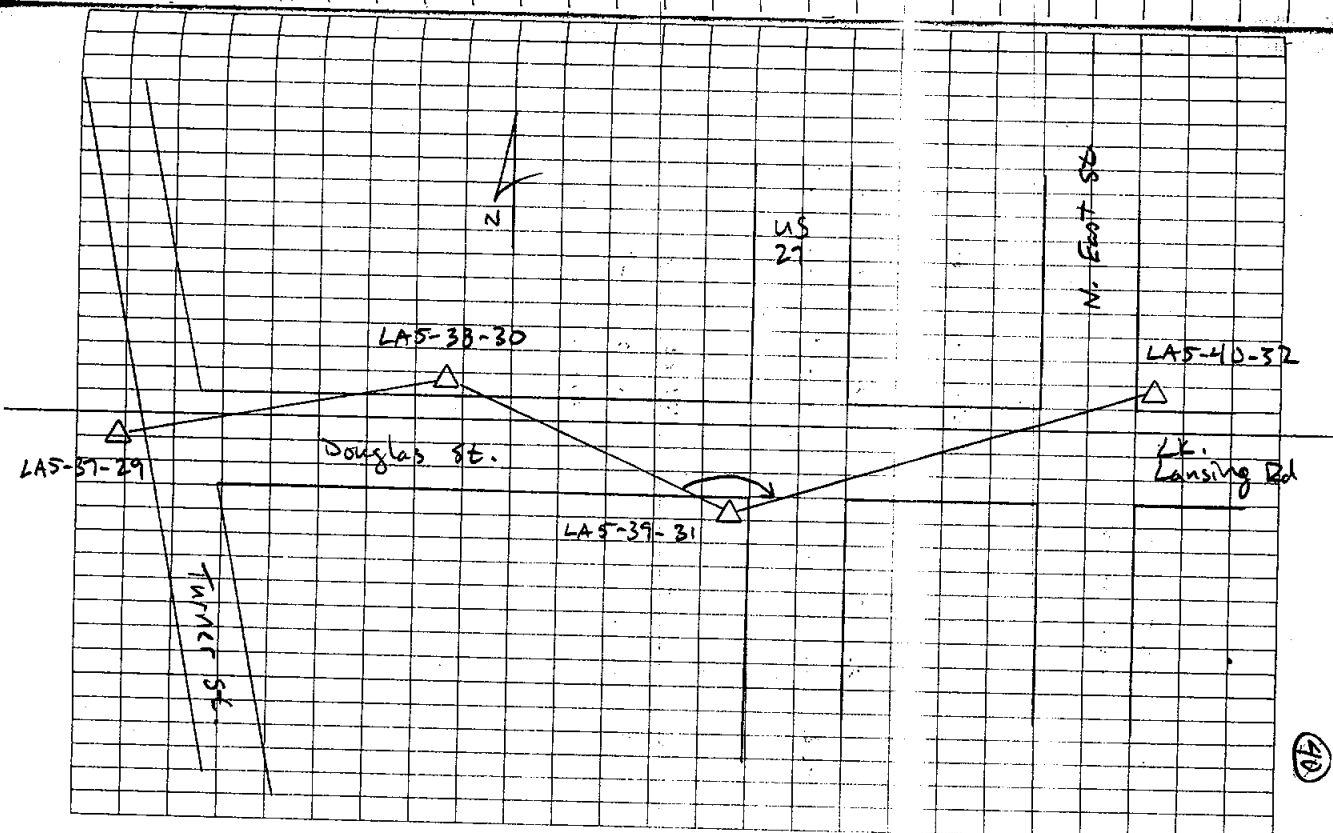
5 1/2" bar NE quad LC Lansing Rd

N. East St 4' NE of Glend 6.5' SW

of telephone pole 11' WNW

of street sign

(40)



	8-22-02	75° light rain	JS NW
T	LAS-40-32		
BS	LAS-39-31		
FS	LAS-42-34		
X		Dist f.	m.
BSD	0 00 00	526.49	160.474
FSD	91 53 17	1020.04	310.908
FSR	11 53 22	1020.04	310.909
BSR	180 00 00	526.49	160.473
BSD	0 00 00	526.49	160.473
FSD	91 53 24	1020.04	310.908
FSR	11 53 23	1020.04	310.908
BSR	180 00 04	526.49	160.473
	11-53-22	1020.04	310.908
LAS-42-34			
5 1/2" bar SW guard			
4.5' SW 6/curb 2.5' W of utility pole			

43

8-22-02 75' light rain JS NW

T LAS-42-34

BS LAS-40-32

FS LAS-48-35

X Dist. F. M.

BSD 0 00 00 1020.04 310.909

PSD 133 23 52 426.79 130.085

FSR 313 23 46 426.78 130.084

BSR 150 00 02 1020.04 310.908

BSD 0 00 00 1020.03 310.907

PSD 133 23 54 426.79 130.085

FSR 313 23 53 426.79 130.085

BSR 180 00 09 1020.03 310.907

133-23-51 426.79 130.085

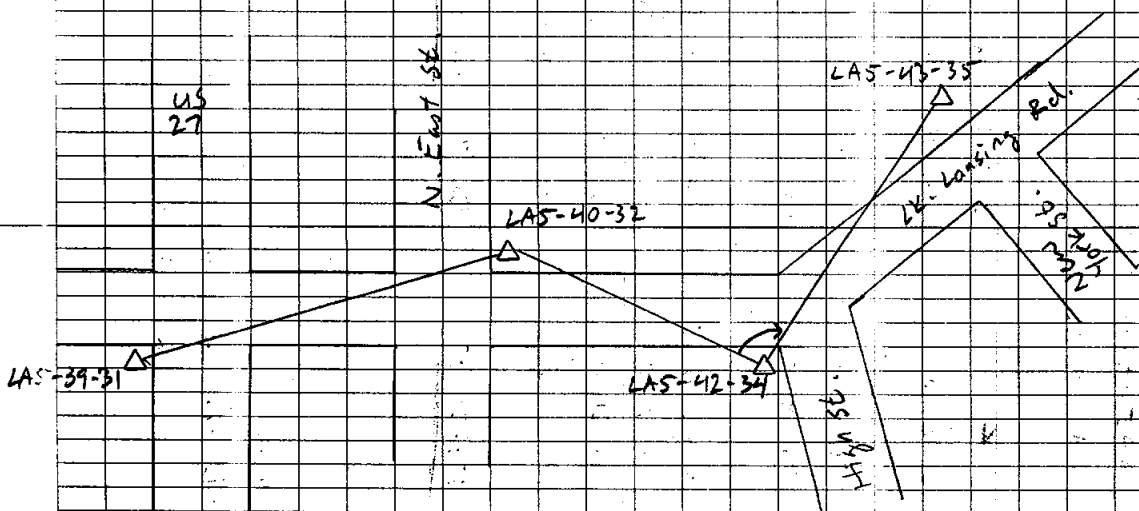
LAS-43-35

5 1/2" bar N/S LC. Lensing Rd @ New York St.

9.5' N of curb 19' NE of power pole

@ approx & extended of New York St.

43



(44)

8-29-02 75° sunny

75 NW

T

LA5-43-35

BS

LA5-42-34

FS

LA5-44-36

*

Dist. F. m.

BSD

0 00 00

426.80

130.090

FSD

279 31.54

331.87

101.155

FSR

99 31.59

331.87

101.155

BSR

179 54.51

426.80

130.090

BSD

0 00 00

426.80

130.090

FSD

279 31.56

331.87

101.155

FSR

99 31.59

331.87

101.155

BSR

179 54.57

426.80

130.090

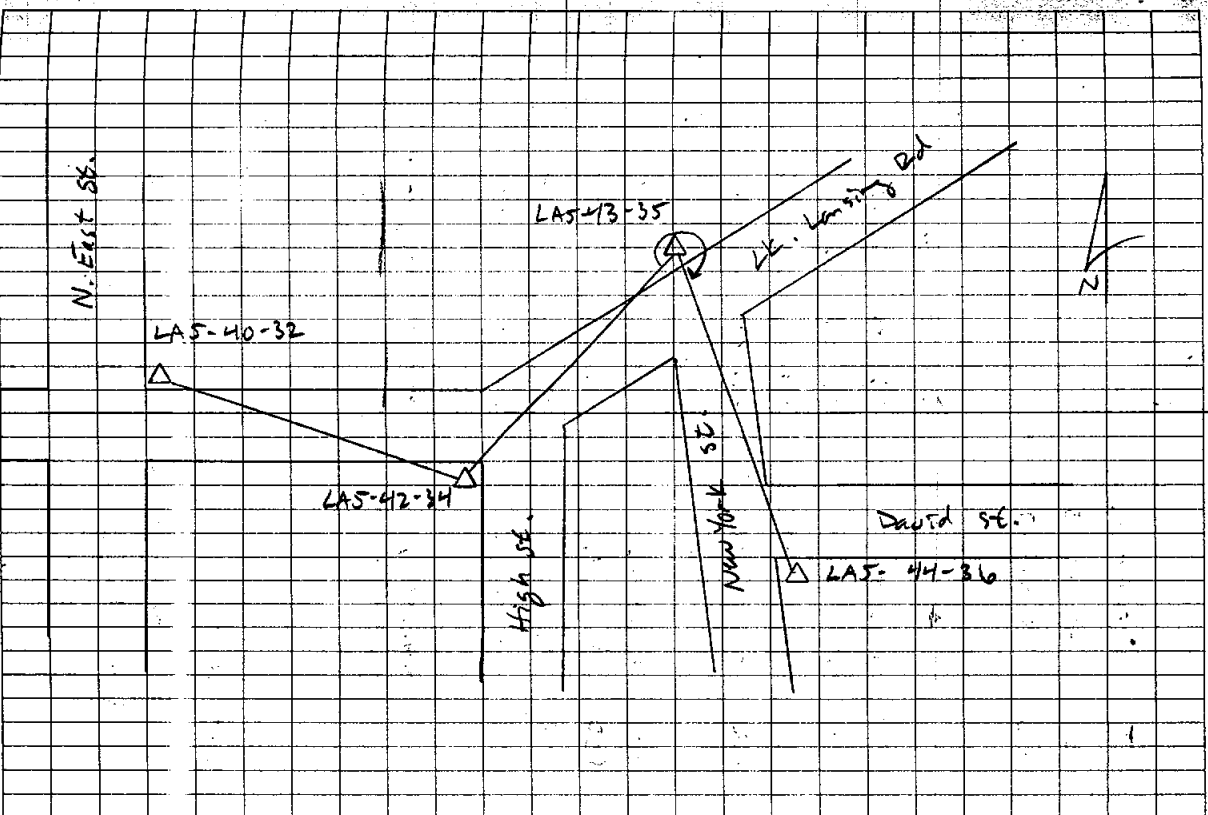
279-31-57

331.87

101.155

LA5-44-36

5 1/2" bar SE ground New York & David St.
2' w flange 12' N by direct



(44)

(45)

8-29-02 75° sunny TS NW

X LAS-44-36

BS LAS-43-35

FS LAS-45-37

X Dist. F. m.

BSD 0 00 00 331.88 101.156

FSD 119 43 46 732.14 223.156

FSR 299 43 47 732.13 223.155

BSR 179 59 51 331.87 101.154

BSD 0 00 00 331.87 101.154

FSD 119 43 49 732.13 223.155

FSR 299 43 50 732.13 223.154

BSR 179 59 56 331.87 101.153

119-43-48 732.13 223.154

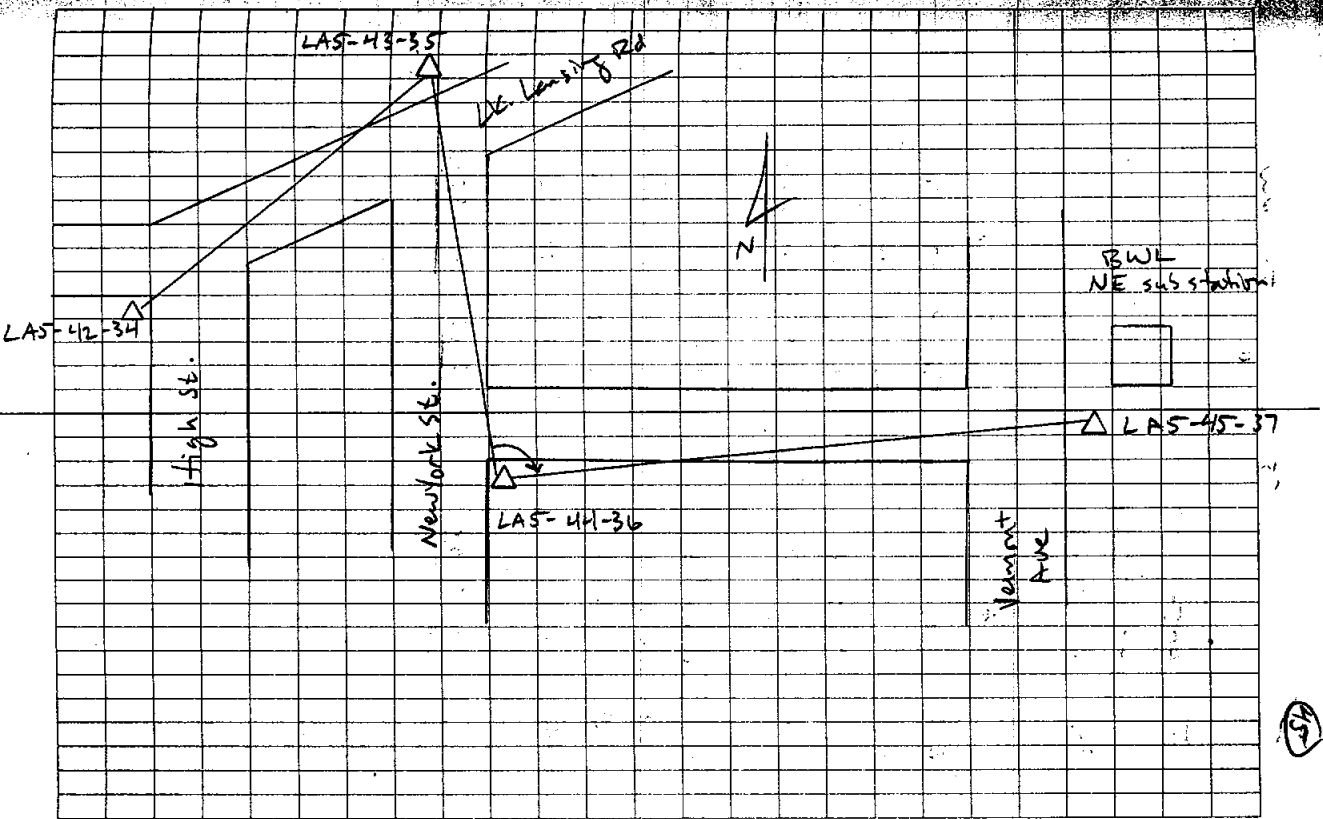
LAS-45-37

S. Pl. nail in asphalt entrance to

Board of water; Light NE Substation

5.5' N of S cleopht 11' W of chainlink

gate



(45)

(46)

8-29-02 75° strong JS NW

N LAS-45-37

BS LAS-44-36

FS LAS-4-38-H3

X

Dist F. m.

BSD 0 00 00 732.14 223.156

FSD 184 07 34 362.62 110.526

FSR 4 07 31 362.62 110.526

BSR 180 00 01 732.14 223.156

BSD 0 00 00 732.14 223.156

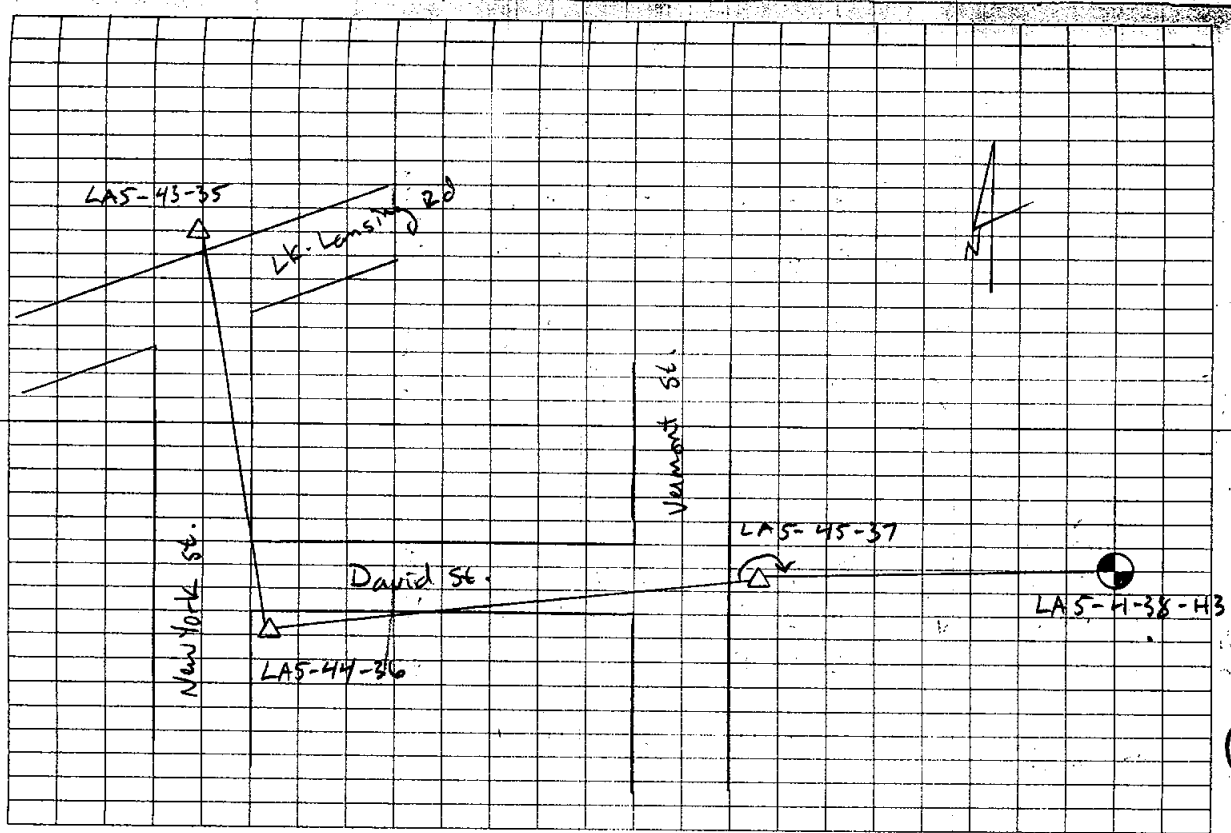
FSD 184 07 38 362.61 110.525

FSR 4 07 33 362.62 110.526

BSR 180 00 08 732.14 223.156

184-07-34 362.62 110.526

(46)



(47)

8-29-02 75' sking 55 NW

X
LAS-39-31
BS LAS-38-30
FS LAS-47-39

X

Dist. F. m.

BSD 0 00 00 1037.90 316.353
FSD 99 12 55 1555.72 474.185
FSR 279 12 46 1555.72 474.185
BSR 179 59 56 1037.89 316.351

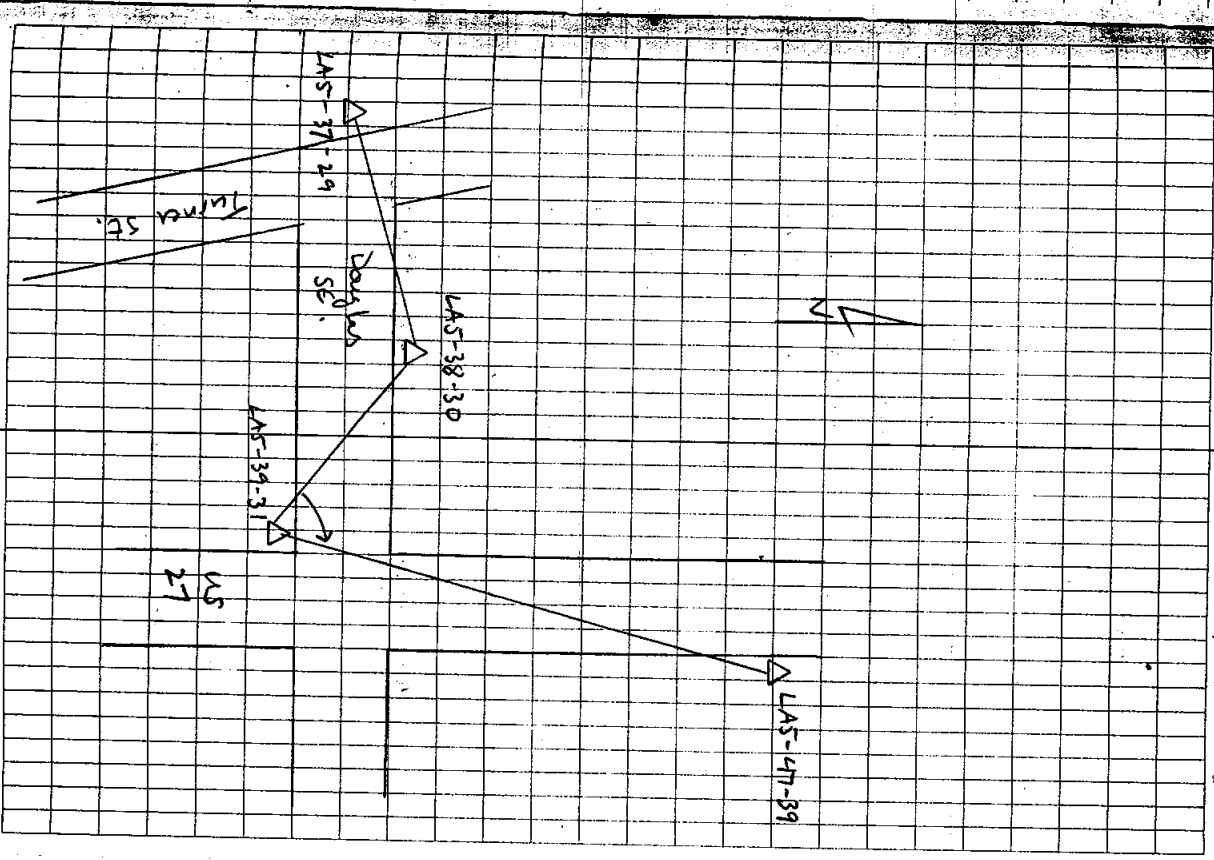
BSD 0 00 00 1037.89 316.350
FSD 99 12 43 1555.72 474.184
FSR 279 12 40 1555.72 474.185
BSR 179 59 52 1037.89 316.351

99-12-46 1555.72 474.185

LAS-47-39

5 1/2" bar E/S US 27 in front of
Vets Hardware #2416 16.5' E of 6/16/05
E 31' S of call SE.

(47)



418

8-29-02 75° sunny JS New

LA5-47-39
LA5-39-31
LA5-48-40

*

Dist. F. m.

BSD 0 00 00

FSD 161 58 57

FSR 341 59 01

BSR 180 00 02

BSD 0 00 00

FSD 161 59 08

FSR 161 59 08

BSR 180 00 04

BSD 0 00 00

FSD 161 59 08

FSR 161 59 08

BSR 180 00 04

BSD 0 00 00

FSD 161 59 08

FSR 161 59 08

BSR 180 00 04

BSD 0 00 00

FSD 161 59 08

FSR 161 59 08

BSR 180 00 04

BSD 0 00 00

FSD 161 59 08

FSR 161 59 08

BSR 180 00 04

BSD 0 00 00

FSD 161 59 08

FSR 161 59 08

BSR 180 00 04

BSD 0 00 00

FSD 161 59 08

FSR 161 59 08

BSR 180 00 04

BSD 0 00 00

418

US 27

Chilson St.

LA5-48-40

LA5-47-39

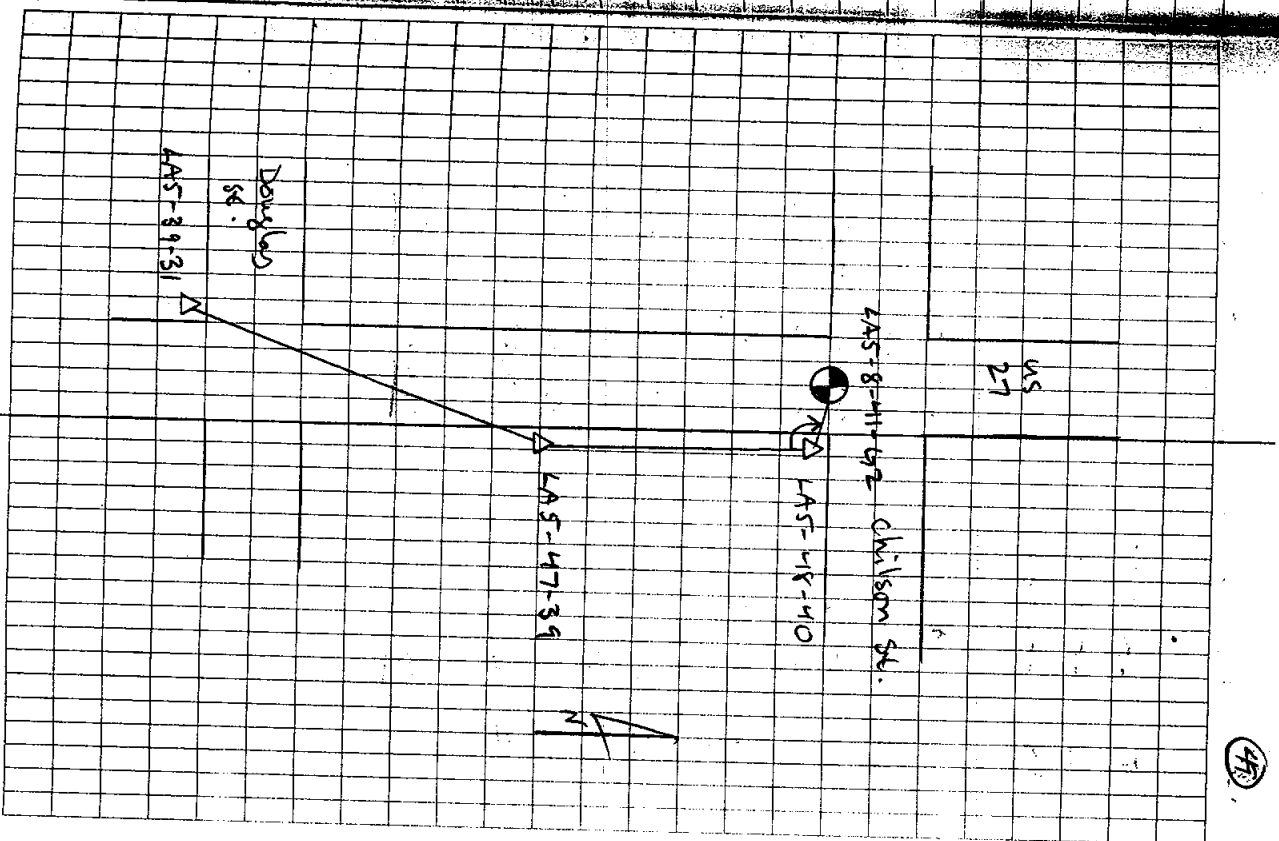
LA5-38-30

Douglas St.

LA5-34-31

N

(49)		8-29-02	75° sunny	JB NW
X	LA5-48-40			
BS	LA5-47-39			
FS	LA5-8-41-62			
	X	D3t f.	m.	
BSD	D 00 00	1159.66	353.464	
FSD	108 53 19	42.02	12.807	
FSR	288 53 21	42.02	12.806	
BSR	180 00 01	1159.65	353.463	
BSD	0 00 00	1159.65	353.462	
FSD	108 53 17	42.02	12.807	
FSR	288 53 18	42.02	12.807	
BSR	180 00 03	1159.65	353.463	
	<u>108-53-17</u>	<u>42.02</u>	<u>12.807</u>	



(50)

8-29-02 75° sunny S/S NW

T LAS-43-35

BS LAS-42-34

FS LAS-50-42

4

Dist F. m.

BSD 0 00 00

426.80 130.090

FSB 185 10 25

800.09 262.157

FSR 5 10 16

860.09 262.157

BSR 179 59 57

426.80 130.089

BSD 0 00 00

426.80 130.089

FSB 185 10 18

800.09 262.157

FSR 5 10 19

800.09 262.157

BSR 180 00 05

426.80 130.090

185-10-20

860.09 262.157

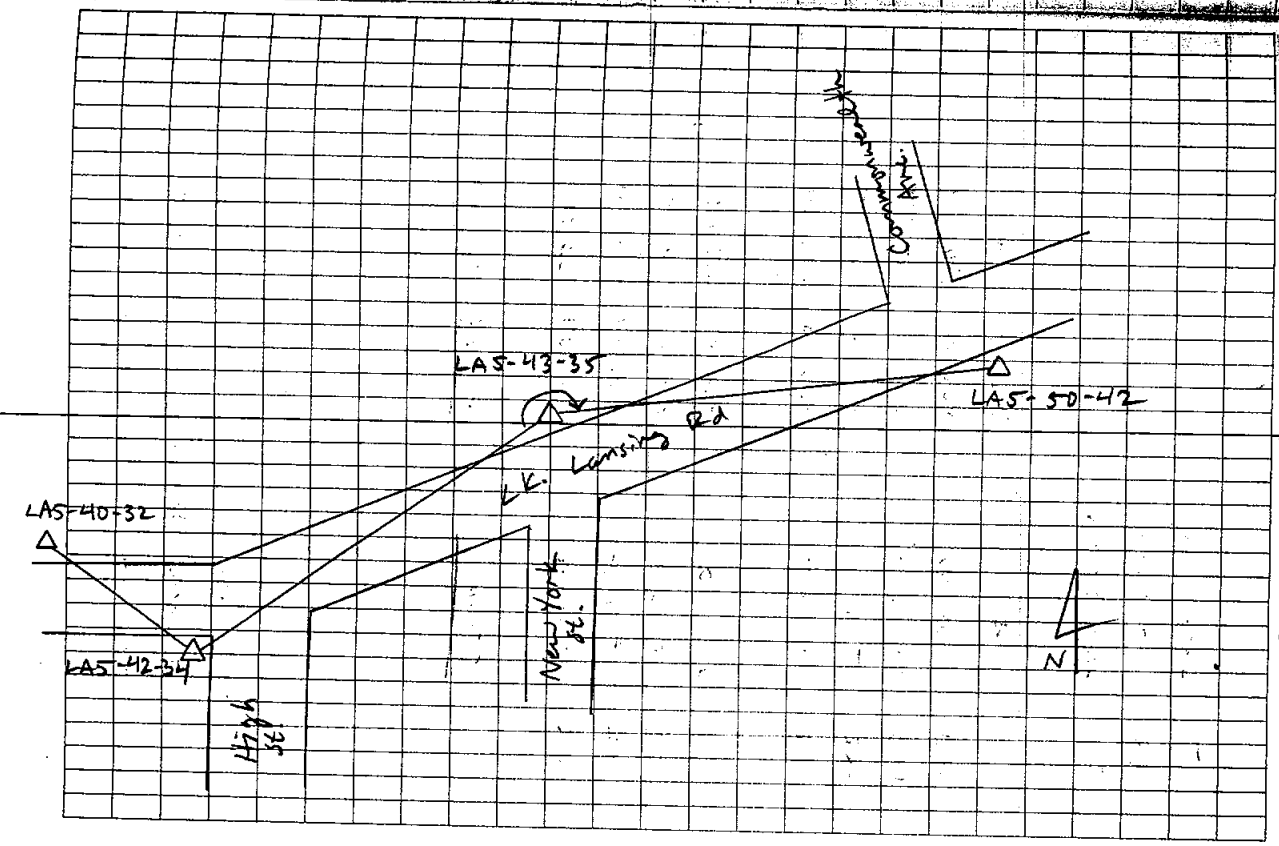
LAS-50-42

5. 1/2" bar S/S W. Lansing Rd @

Commonwealth Ave. 2' S 6' curb

± 39' W of power pole

(50)



(57)

8-28-02 75° sunny JS NW

X LAS-50-42

BS LAS-43-35

FS LAS-51-43

+

Dist F. m.

BSD 0 00 00 800.09 262.157

FSD 175 40 13 639.26 194.848

FSR 355 40 12 639.27 194.849

BSR 150 00 04 800.08 262.154

BSD 0 00 00 800.09 262.156

FSD 175 40 11 639.27 194.849

FSR 355 40 09 639.27 194.849

BSR 180 00 04 800.09 262.155

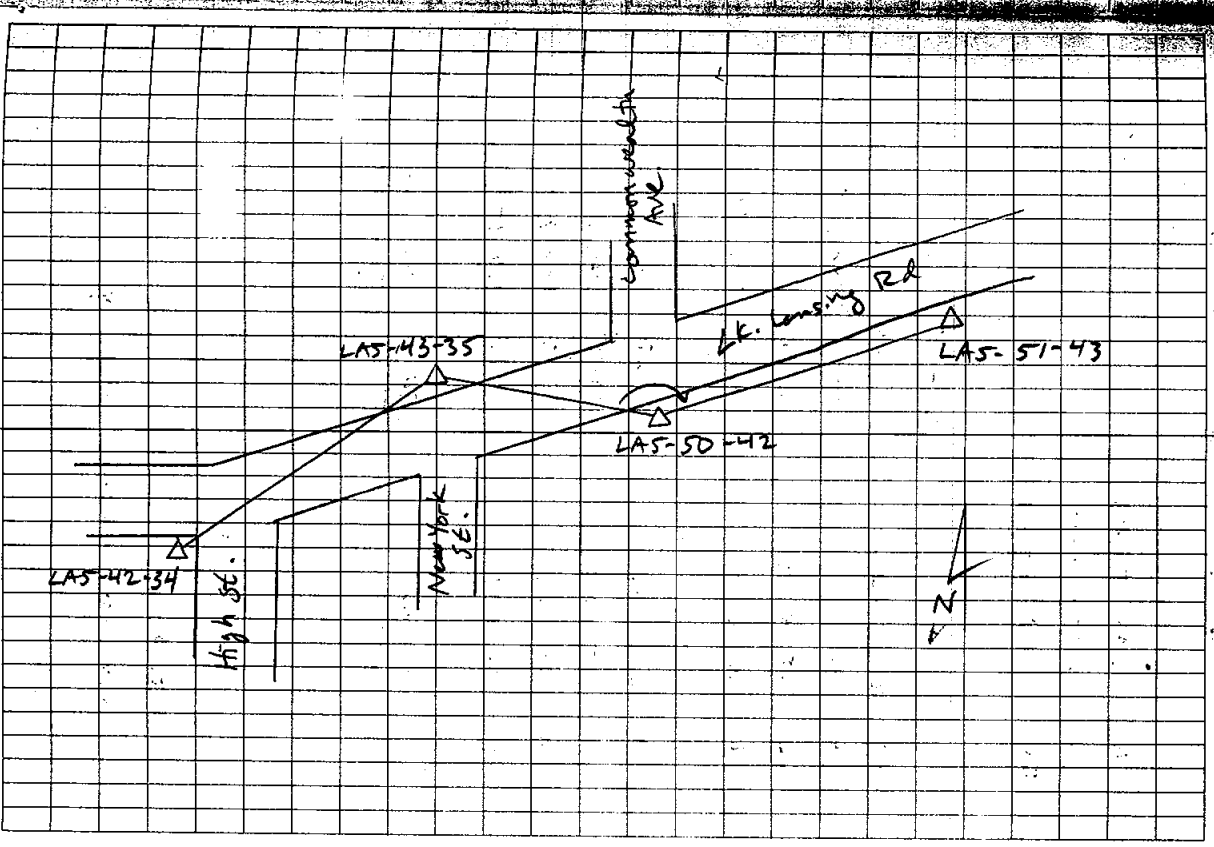
175-40-11 639.27 194.849

LAS-51-43

3 1/2" bar S/S LK Lansing across

from Aaron 6/655 to 3.5' S 6/655

(57)



(52)

8-24-02 75' sunny JS NW

T LAS-51-43

BS LAS-50-42

FS LAS-52-44

4 B3+ F. m.

BSD 0 00 00 639.26 194.848

FSD 125 19 59 650.37 198.233

FSR 305 20 09 650.37 198.234

BSR 180 00 13 639.28 194.854

BSD 0 00 00 639.25 194.843

FSD 125 19 36 650.44 198.252

FSR 305 19 34 650.37 198.234

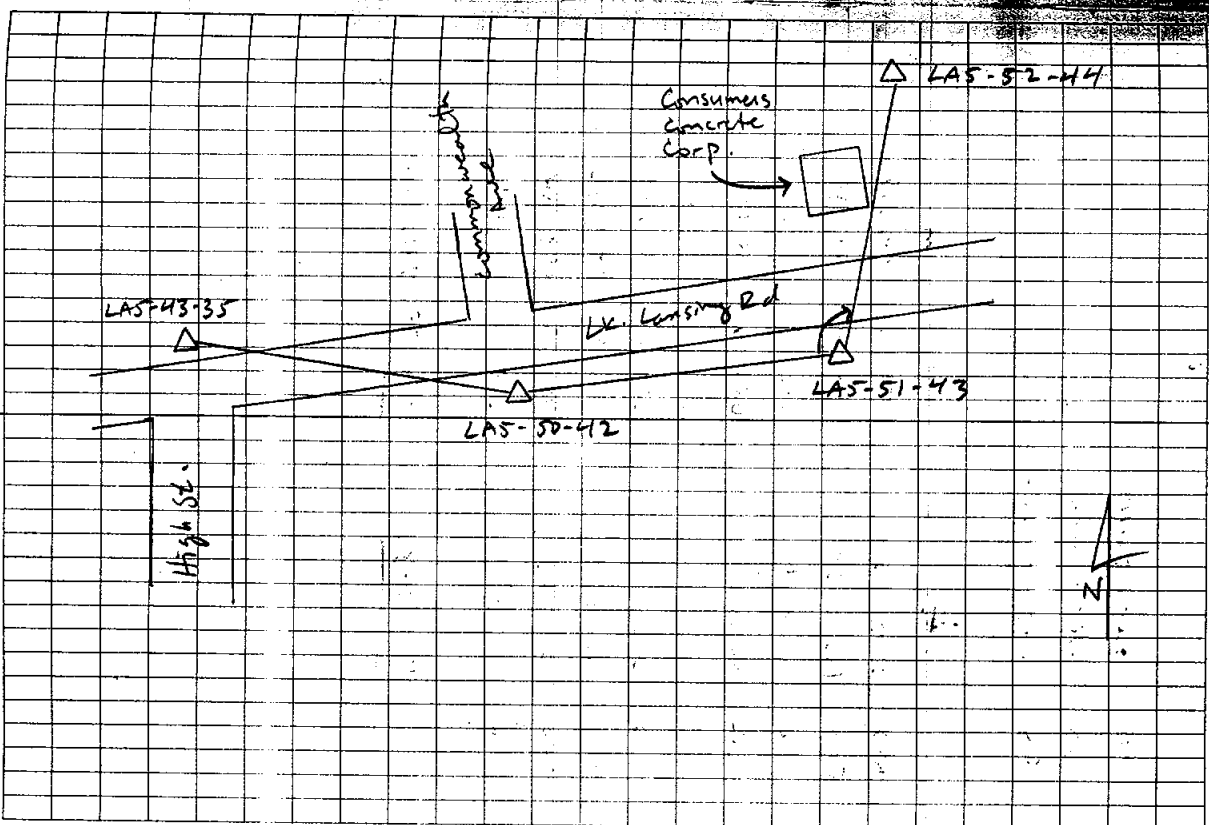
BSR 180 00 10 639.25 194.843

125-19-50 650.39 198.238

LAS-52-44

S. 60° D. N. E. N. end of

Consumer's Conc. Corp. yard



(52)

(53)

8-29-02 75' Sunny 75 NW

T LAS-52-44

85 LAS-51-43

FS LAS-5-45-42

X

Dist f. m.

BSD 0 00 00 650.39 198.239

FSD 196 30 35 816.54 248.881

FSR 16 30 41 916.53 248.880

BSR 180 00 08 650.38 198.237

BSD 0 00 00 650.38 198.237

FSD 196 30 31 816.53 248.880

FSR 16 30 36 816.53 248.880

BSR 180 00 05 650.38 198.237

196-30-36

816.53 248.880

(53)

LAS-5-45-42

LAS-52-44

LAS-51-43

LAS-50-42

Consumer's home WRP

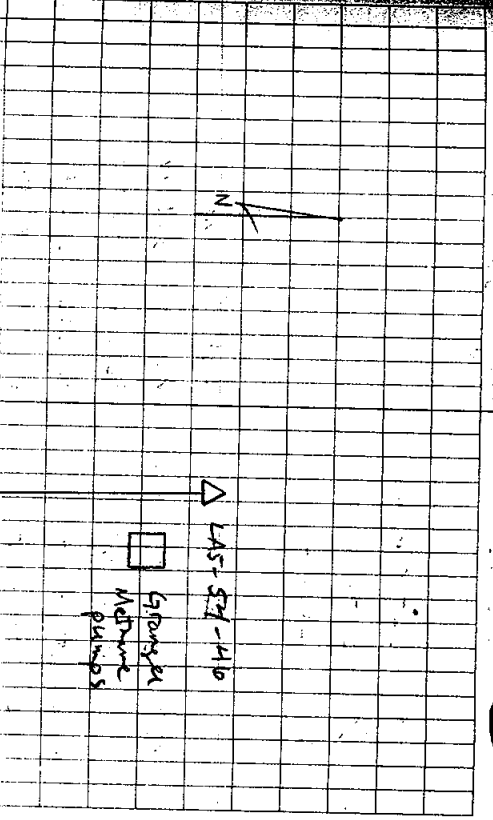
Highway

LA Lansing Rd

N

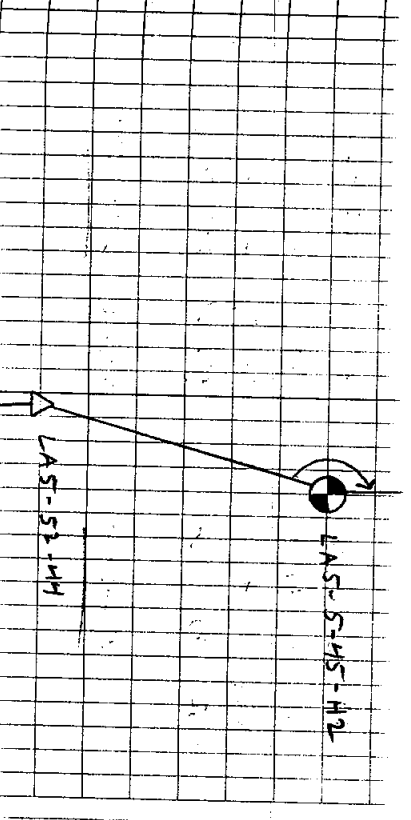
54

	8-29-02	75°	Sunny	TS NW
T	LAS-5-45-H2			
BS	LAS-52-44			
FS	LAS-54-46			
	X			
BSD	0 00 00	Dist ft.	m.	
FSD	171 46 29	816.54	248.881	
FSR	351 46 34	929.21	252.744	
BSR	180 00 03	829.22	252.746	
		816.54	248.881	

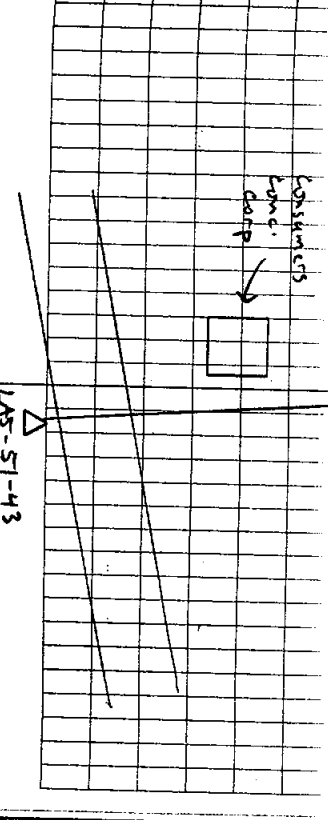


54

BSD	0 00 00	816.53	248.880
FSD	171 46 36	829.21	252.745
FSR	351 46 41	829.21	252.745
BSR	180 00 09	816.54	248.881
	171-46-35	829.21	252.745



LAS-54-46	
5 1/2 bar E/S of	
Grange Metforme pumps	
fork in road	



(55)

8-29-02 75° sunny JS NW

T LAS-54-46

BS LAS-5-45-42

FS LAS-55-47

4 D. 8t F. m.

BSD 0 00 00 829.21 252.745

FSD 181.54 47 968.75 295.276

FSR 01 54 54 968.76 295.278

BSR 179 54 55 829.21 252.744

BSD 0 00 00 829.20 252.742

FSD 181.54 54 968.76 295.278

FSR 01 54 54 968.75 295.277

BSR 180 00 04 829.21 252.743

181-54-54 968.76 295.277

LAS-55-41

5.600 well top of kill in field
to 5 of large Greengas pond

(55)

△ LAS-55-47

△ LAS-54-46

□ Greengas
Methane
pumps

● LAS-54-51

△ LAS-52-44

□ Consensus
Cmc.
Corp

(56)

8-29-02 75° sunny JS NW

T LAS-55-47

BS LAS-54-46

FS LAS-56-48

* Dist F. M.

BSD 0 00 00 968.76 295.279

FSD 177 03 59 780.59 237.924

FSR 357 04 01 780.59 237.923

BSR 180 00 10 968.75 295.277

BSD 0 00 00 968.75 295.271

FSD 177 04 01 780.59 237.923

FSR 357 04 02 780.59 237.923

BSR 180 00 08 968.76 295.278

177-04-01 780.59 237.923

LAS-50-48

skob nail in gravel pad @
N/S of large Granger Pond

(56)

LAS-56-48

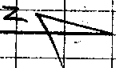
LAS-55-47

LAS-54-46

Granger
Methane
pumps

LAS-5-45-44

pond



(57)

8-29-02 75° sunny JS NW

X LAS-56-48

BS LAS-55-47

FS LAS-6-49

X Dist E. m.

BSD 0 00 00 780.59 237.925

FSD 83 12 12 140.47 42.814

FSR 263 12 19 140.47 42.814

BSR 180 00 02 780.59 237.923

BSD 0 00 00 780.59 237.924

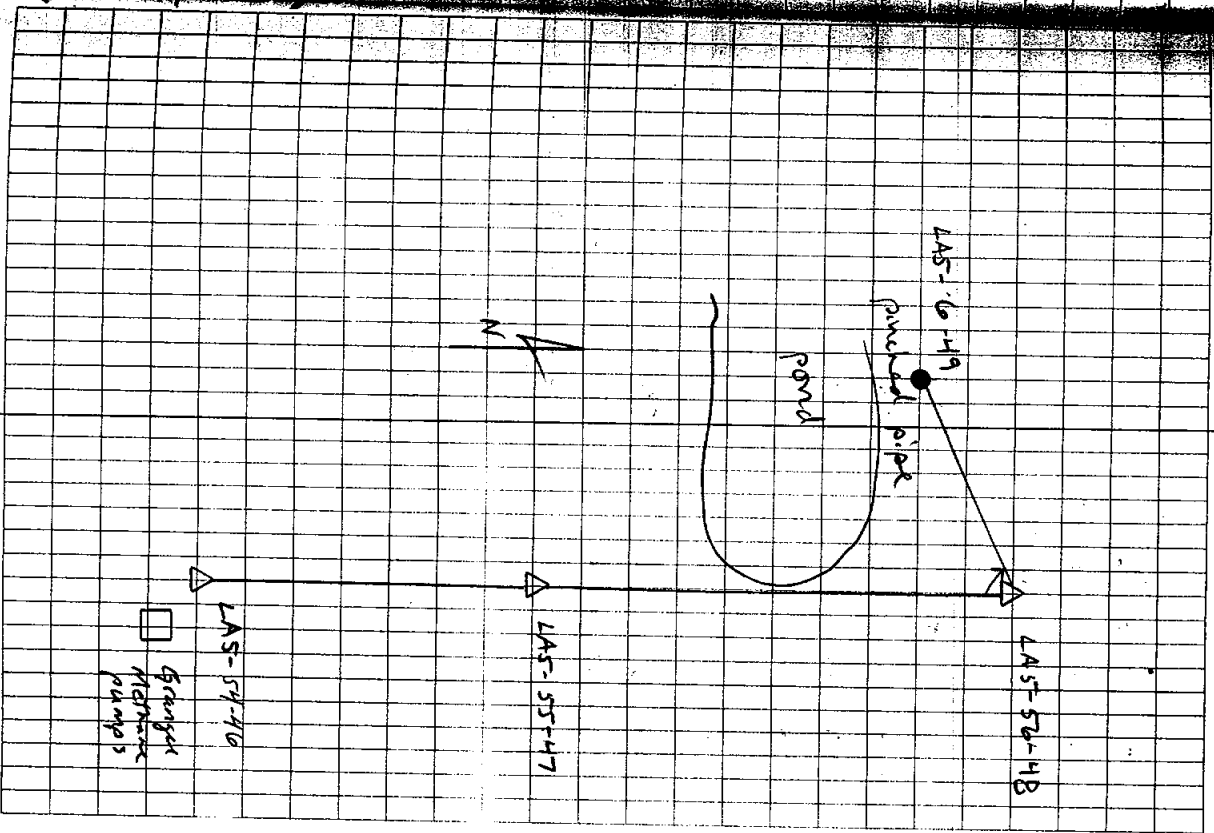
FSD 83 12 12 140.47 42.814

FSR 263 12 14 140.47 42.815

BSR 180 00 03 780.59 237.923

8372-14 140.47 42.814

(57)



58

8-29-02 75° sunny JS NW

X

LAS-56-48

BS

LAS-55-47

FS

LAS-6-50

X

Dist F.

M.

BSD

0 00 00

780.59

237.924

FSD

83 31 58

139.40

42.488

FSR

263 31 57

139.40

42.489

BSR

179 59 53

780.59

237.923

BSD

0 00 00

780.59

237.923

PSD

83 31 58

139.40

42.489

FSR

263 32 00

139.40

42.488

BSR

179 59 59

780.59

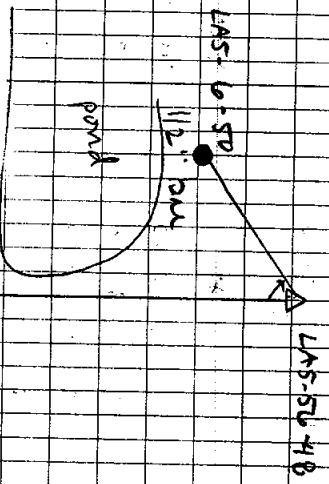
237.923

83-31-58

139.40

42.489

58



LAS-55-47

LAS-54-46

47m ga
microm
pumps

(59)

8-29-02

75° sunny

JS

NW

X

LAS-56-48

85

LAS-55-47

FS

LAS-6-51

X

Dist F.

m.

BSD

0 00 00

780.59

232.924

FSD

83 32 33

137.61

41.945

FSR

243 32 36

137.61

41.945

BSR

180 00 10

780.59

237.923

BSD

0 00 00

780.59

237.924

FSD

83 32 32

137.61

41.945

FSR

83 32 36

137.61

41.945

BSR

180 00 06

780.59

237.923

83-32-34

137.61

41.945

(59)

LAS-6-51

low tide

pond

LAS-54-48

LAS-55-47

LAS-54-46

Grange
Methane
pumps

(60)

8-29-02 75° sunny JS NW

X LAS-56-48

BS LAS-55-47

F LAS-6-52

X

Dist. F. m.

BSD 0 00 00 780.59 237.924

FSD 83 27 15 135.60 41.331

FSR 203 27 20 135.60 41.331

BSR 180 00 01 780.59 237.923

BSD 0 00 00 780.59 237.924

FSD 83 27 23 135.60 41.331

FSR 203 27 24 135.60 41.331

BSR 180 00 07 780.59 237.924

83-27-21 135.60 41.331

(60)

LAS-6-52

31" pipe

pond

LAS-56-48

LAS-55-47

LAS-54-46

gathering
methane
pumps

(61)

8-29-02 75° sunny JS NW

T LA5-56-48
BS LA5-58-47
FS LA5-61-53

*

Dist f. m.

BSD 0 00 00 780.60 237.926

FSD 121 01 54 932.34 284.177

FSR 301 01 57 932.34 284.178

BSR 180 00 01 780.59 237.923

BSD 0 00 00 780.59 237.923

FSD 21 02 00 932.34 284.177

FSR 501 02 08 932.33 284.176

BSR 180 00 13 780.59 237.924

121-03-00

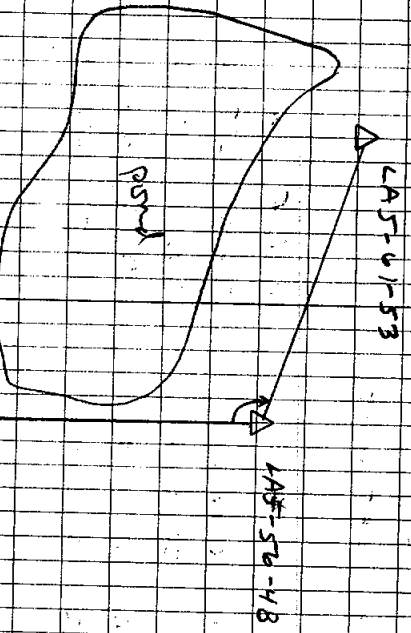
932.34 284.177

LA5-61-53

SGAD N/C S/S turned road

@ N/S Ings Granger pond

(61)



(62)

8-30-02 80° sunny JS NW

X

LA5-55-47

BS

LA5-54-46

FS

LA5-62-54

X

Dist f. m.

BSD

0 00 00

968.77 295.281

FSD

252 20 49

1493.71 455.285

FSR

72 20 48

1493.71 455.285

BSR

180 00 11

968.76 295.279

BSD

0 00 00

968.76 295.279

FSD

252 20 49

1493.71 455.285

FSR

72 21 00

1493.71 455.285

BSR

180 00 13

968.76 295.279

252-20-52

1493.71

455.285

LA5-62-54

5.60D mil top of hill S of
cobblestone dump

(62)

pond

LA5-55-47

LA5-55-47

LA5-62-54

LA5-62-54

LA5-54-47

LA5-54-47

LA5-55-47

LA5-55-47

(63)

8-30-02

80°

Sunny

JS NW

T

LA5-62-54

BS

LA5-55-47

FS

LA5-63-55

X

Dist F.

M.

BSD

0 00 00

1493.71

455.285

ESD

167 32 36

1010.90

308.124

FSR

347 32 36

1010.90

308.124

BSR

180 00 06

1493.71

455.283

BSD

0 00 00

1493.71

455.283

ESD

167 32 38

1010.50

308.123

FSR

347 32 38

1010.91

308.125

BSR

180 00 07

1493.71

455.283

167-32-37

1010.90

308.124

LA5-63-55

5.600 mil in parking lot 13 head
off Granger office

(63)

Wood Rd

△ LA5-54-46

△ LA5-55-47

△

LA5-62-54

△

LA5-63-55

N

(4)

8-30-02 80' Spring JS NW

T LAS-63-55

BS LAS-62-54

FS LAS-9-56-II

X

BSD 0 00 00

FSD 204 38 26

FSR 24 38 30

BSR 180 00 02

Dist. m.

1010.91 308.127

160.91 49.044

160.91 49.044

1010.91 308.126

BSD 0 00 00

FSD 204 38 21

FSR 24 38 26

BSR 179 59 53

1010.91 308.127

160.91 49.044

160.91 49.045

1010.91 308.125

204-38-26

160.91

49.044

(4)

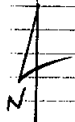
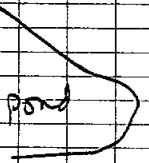
PR PRM

LAS-9-56-II

LAS-63-55

LAS-62-54

LAS-55-41



(65)

8-30-02 80° sunny JS NW

T

LA5-61-53

BS

LA5-50-48

FS

LA5-36-28

X

Dist f.

m.

BSD

0 00 00

932.34

284.178

FSD

127 49 04

753.03

229.523

FSR

307 49 07

753.03

229.524

BSR

180 00 05

932.34

284.177

BSD

0 00 00

932.33

284.176

FSD

127 49 03

753.03

229.523

FSR

307 49 07

753.03

229.523

BSR

180 00 07

932.33

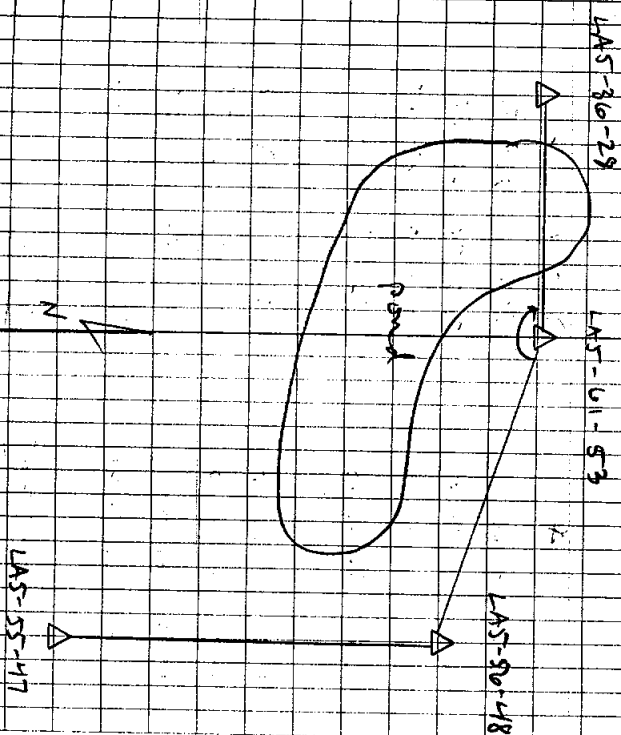
284.176

127-49-05

753.03

229.523

(65)



(66)

8-30-02

80° sunny

JS NW

T

LA5-30-28

BS

LA5-61-53

FS

LA5-35-27

X

Dist f. m.

BSD

0.00 00

753.03 229.523

FSD

101.28 50

269.54 82.155

FSR

281.28 50

269.54 82.157

BSR

150.00 13

753.02 229.522

BSD

0.00 00

753.62 129.522

FSD

101.28 47

269.54 82.155

FSR

281.28 48

269.54 82.155

BSR

150.00 0

753.02 229.522

101-28-49

269.53 82.153

(66)

