

3

5

TEAM

LE-3-03-73

LE-3

DL
LE
T NIKON

T-78

B SEPT 00

5

BS LE-3-02-71

(2P SET M44 N41L 3 W. OF E.
Erm 50mm R. 40' S. OF 4 S. DE LIND
3 WHITE BARN 10 E.

HSE
7/3/00

FS LE-3-05-75

(K-6)

(POL ON LINE 73-75 SET
(815pt (Temp) IN I-96 ROW

BAND

FS LE-2-75-62

BS LE-3-05-76

BS LE-00-00-20

BS LE-01-01-46

BS LE-01-01-33

BS LE-01-01-11

BS LE-01-01-185

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

BS LE-01-01-26

Townsend Rd

(62)

(73)

Guard Rail

Guard Rail

(U) Bound
I-96

E. Bound
I-96

Granite Rd

(11)

6

LE-3

T LE3-06-75

B5 LE3-03-73

F5 LE3-06-77

R.P. FLD RE SPR @ M.
OF GARMENT & GARMENT 205

B50 050-00-20

P 178-46-29 178-46-29

B50 180-00-11

P 358-46-24 178-46-15 178-46-22

B50 60-20-30

P 239-06-36 178-46-06

B50 240-20-19

P 59-06-38 178-46-19 178-46-25 178-46-23

DIST 16 B5 F5

FT 960 86 1681.93

M 292872 512.652

DL
USE T NIKON

T-78°

8 SEPT 00

C.

Garb Rd.

77

GARMENT RD

P 75

W 84 I-96

E 84 I-96

HODSEND RD

73.4

9

LE-3

DLC
LE NIKON

T-80°

8 SEPT 00

9.

I

LE3-08-80

BS

LE3-07-78

20 Fnd 14 PHE IN rock.

FS

LE3-08-82

BS

000-00-20

D

82-05-50

82-05-30

BS

180-00-18

R

202-05-47

82-05-29

82-05-305

BS

100-20-30

D

142-25-58

82-05-28

BS

240-20-28

R

320-25-54

82-05-26

82-05-27

82-05-30

DISTO

BS

FS

FT

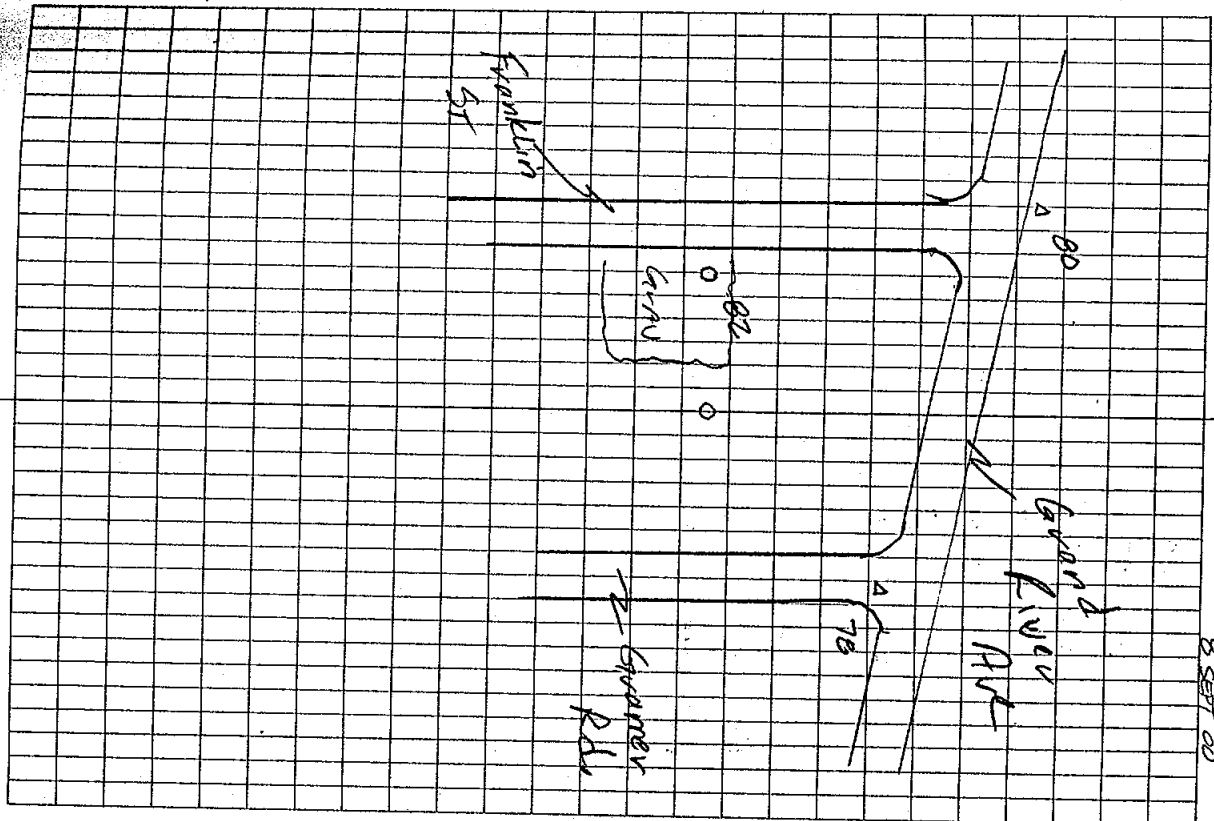
150790

475.17

M

459.609

144.833



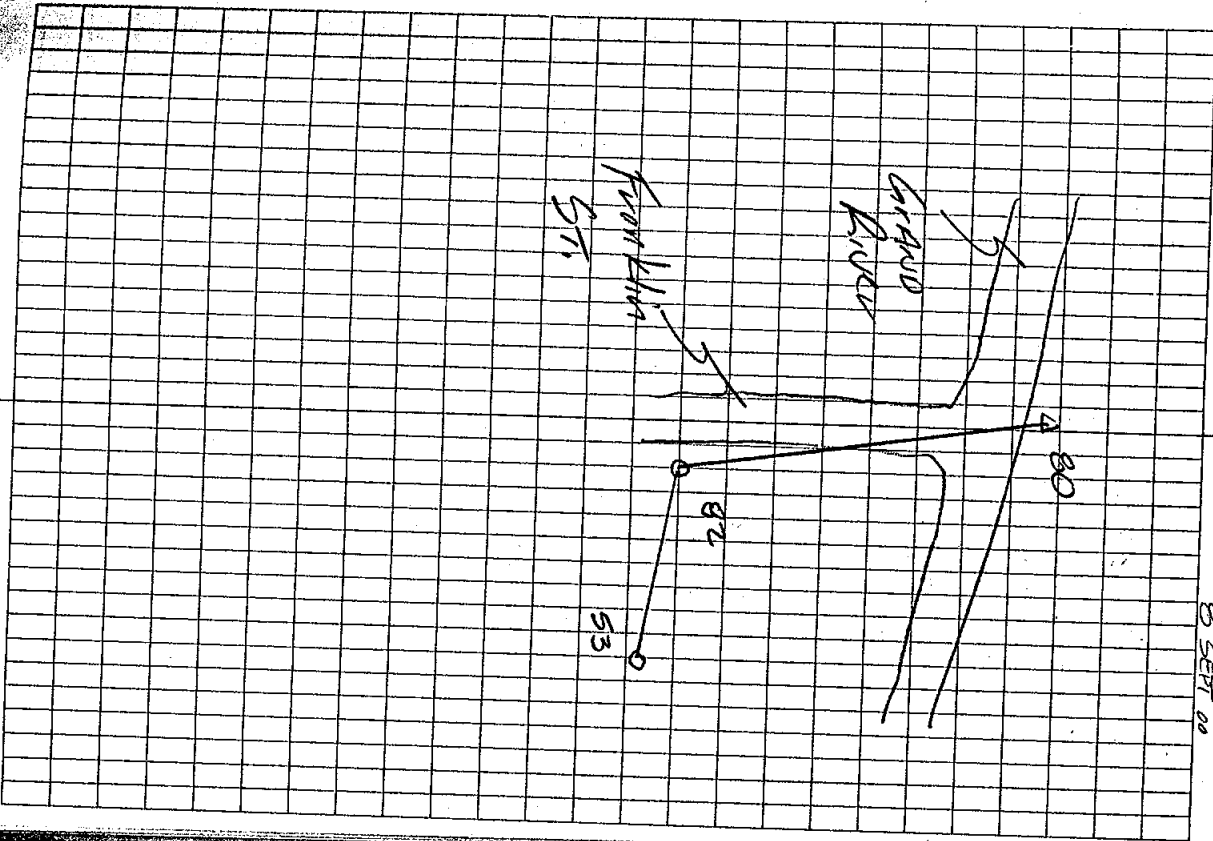
LE-3

T	LE3-09-82			
BS	LE3-08-80			
FS	LE2-19-53	(K-4		
BS	000-00-20			
2	90-17-36	90-17-16		
BS	180-00-13			
2	270-17-21	90-17-08	90-17-12	
DISTO	BS	FS		
FI	475.17	132.08		
117	144.833	40.257		

DL
CE X Nikon

T-85°

83 SEPT 00



11

LE-3

DLC
CFC T NIKON

8 SEP 00

11

X LE3-08-81

B5 LE3-07-78

F5 LE3-1-83

F5 LE3-1-84

B5 000-00-20

B3D 178-19-25

B4D 272-30-27

B5R 180-00-13

R 388-19-23

R 92-30-30

B5D 60-20-30

B3D 238-39-37

B4D 332-50-45

B5R 290-20-24

R 58-39-33

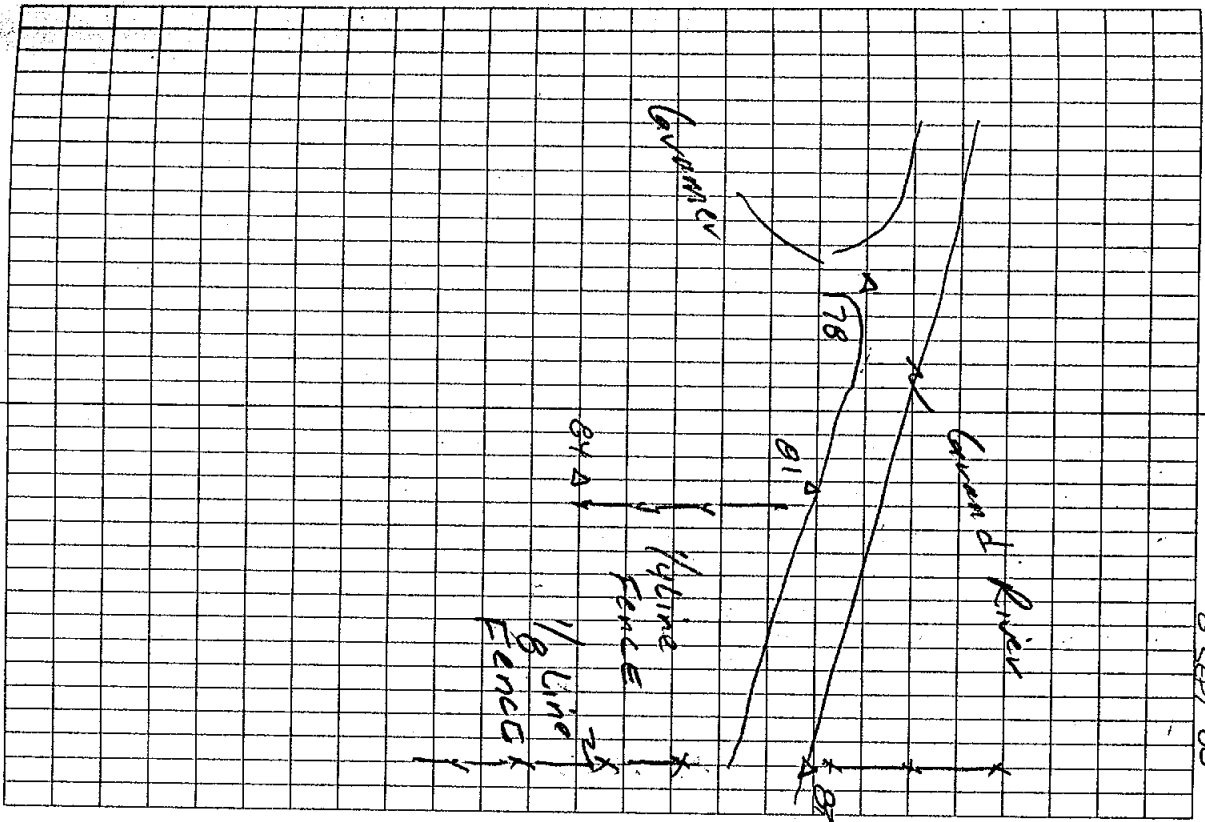
R 152-50-42

DISTO BS FS83 FS84

FT 1332.38 1324.88 520.51

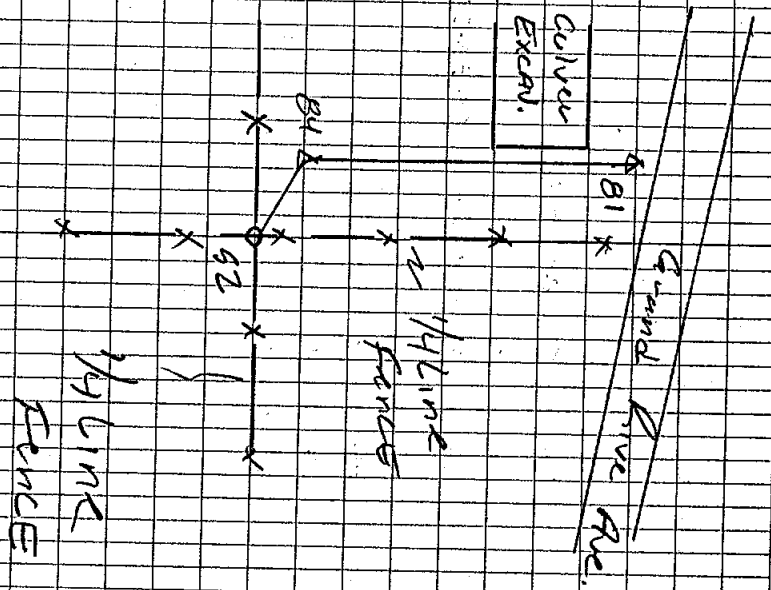
M 400.11 403.823 100.481

PD SET 2" AT C 28309 715 N. 12 N. 03M
GROUND AVE ON 1/8 LINE FENCE
PD SET 350 151 N. OF FAL LINE (E-W)
3' E. OF B WALLINE GUYER EX OFFIC



8 SEPT. 00

m	100.482	2.844
---	---------	-------



13

LE-3

DL
CEE K NIKON

8 SET 00

13

LE3-11-83

BS LE3-08-81 TOP SET E' 3349 @ E. COM WALLACE

FS LE3-13-85 TOP OF CURVE IT FACES WALLACE

BSD 1110-00-20

D 184-53-49 184-53-29

BSR 180-00-13

R 004-53-51 184-53-38 184-53-35

BSD 100-20-30

D 245-13-54 184-53-24

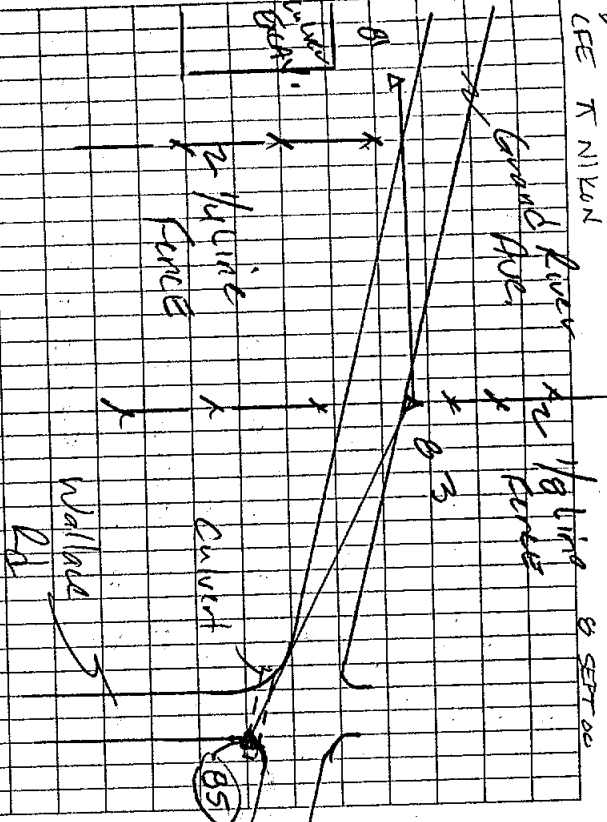
BSR 240-00-17

R 14-14-00 184-53-43 184-53-36 184-53-33

DIGIT 10 BS FS

FS 324.88 1338.92

M 403.824 408.104



14

LE-3

PLC
CEE T NILLON

8 SEPT 00

14

T LE3-13-85

BS LE3-11-83

FS LE2-18-51 (M-4)

P5D 600-00-20

D 205-20-10 205-19-50

BSQ 180-00-13

R 85-20-05 205-19-52 205-19-51

BSD 00-20-30

D 305-40-19 205-19-54

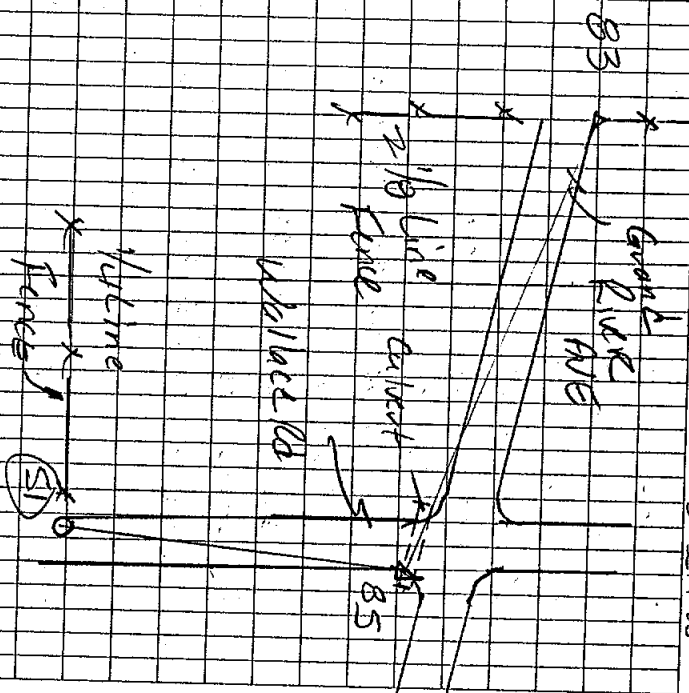
BSQ 240-20-23

R 145-40-15 205-19-52 205-19-53 205-19-52

DISTO BS FS

FT 1338.92 74.33

M 408.104 214.681



15

LE-3

DL
LE X NIKON

8 SEPT 00

15

T LE2-18-51

B5 LE3-13-85

FS LE2-17-50 (m-5)

B50 000-00-20

D 178-17-20-178-17-00

B50 180-00-05

E 358-17-14 178-17-09 178-17-04.5

B50 60-20-30

D 238-37-28 178-16-58

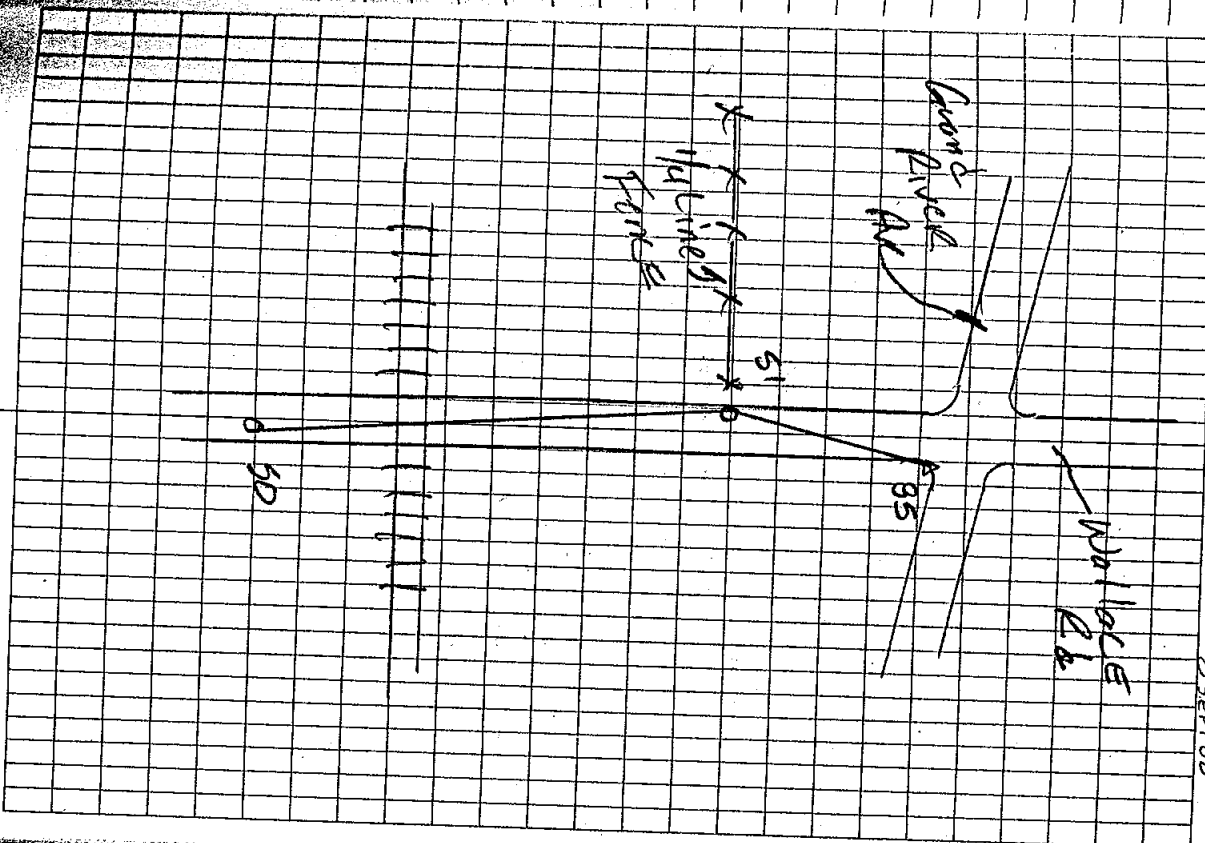
B50 240-20-18

E 58-37-20 178-17-08 178-17-03 178-17-04

DIS TO B5 FS

FT 704.33 2045.37

M 214.000 826.310



16

LE-3

DL

N

16

8 SET 00

LE2-17-50

LE2-18-51

LE3-16-86 (1st SET 1/2" B&C will describe Trav. in 2001)

B50 000-00-20

B50 180-00-01 179-59-41

B50 180-00-14

B50 359-59-58 179-59-44 179-59-42.5

B50 60-20-30

B50 240-19-52 179-59-22

B50 240-20-23

R 600-19-45 179-59-22 179-59-22 179-59-32

DKIT6 B5 - FS

ET 2045.37 1639.80

M1 800.311 499.813

1/4 line Fence

(31)

W& Rd. place

Rail road

0 50

8 86

W B D II-96

E B D II-96

17

LE 3

Ingham Co	Reman	Contract	2000
ESGER Surveying & Engineering	-	-	ESE
DAVE CURFORD	FS 25837	-	DIC
Coe Amicus	Surv. Tech	-	CPE
Nikon Total Station	-	-	N11C
BSC	-	Bar 3" Cap.	
SWN = 34m	Norda	Surv. Tech	
BSC = $\frac{1}{2}$ " x $\frac{1}{8}$ "	Smooth Bar	7 Cap	
2849	unless otherwise	Noted	
NT = $1\frac{1}{4}$ "	Alum. Tag	FS 25837	200
GAU.	spk	unless otherwise	
NOTED			

15

ESE 2000 Remon CONTRACT

LEZ

LEZ-15-45

L-10

Searched at APPARENT LOCATION OF
CORNER and found 4" CONCRETE
Monument in CONCRETE collar
Marking LESTER WITNESSES. HEREIN
Monument as per requested by
R. Lester AND Capped w/
2 1/4" Aluminum Cap AND Set
Rings To Surface

C. 4" Conc Mon. w/ 2 1/4" Alum. Cap
STRAPPED 25837 in Mon Box
N37 12034 N. Side U.P. EAST 53.66
N47 25837 SW Side 29" Maple 53395 39.21
N17 39100 S. Side RR Tie Anchor N19°W 25.68
N57 25837 E. Side 19" Ash N20°W 47.10

DLC
CFC

7650

21 July 00

15

LEZ-15-46

L-10

Searched at APPARENT location of
CORNER & Found 1 1/2" Box Cap #13574
@ ANCIENT Fence Corner Marking
1 Boss WITNESS. Pulled Iron's
cleared all fence from Area
and made Thorough Search for
McCreary's Iron, could not find
iron and accepted Box iron @
Fence Corner as representation of
corner and replaced it w/ 3/4"
Box Alum Cap.

N17 25837 E. Side 19" Maple N20°W 11.92
" " " " N18°W 22.45
" " " " N170°E 30.38
" " " " E. " " 330°E 32.28

16

LE-2

T LE2-16-47 (Find "2.5" x 1" PIECE OF IRON
IN E HOUSE ROAD)

BS LE2-15-45

LE2-16-48

L-9

Searched at apparent location of
CORNER of E 2 1/2" Box Matching

1 remaining Williams & Boss. W.T.
As this location does not agree
with Found Monuments to town

Along 1/4 line from McCree's 1895
Survey used said monument to town
To determine a search Area, ETC. N.

3' Dia Hole 2' Deep found long period
Stone of Crocker. Accepted Stone
as corner as perpetuated by

McCree and set 3/4" Box of Mon.

App above it in Mon. Box

C. 3/4" x 24" Steel Box of 7 1/2" Along Cap to Mon. Box

NIT 25832 E. Side 30" Ash NIT 29W 101.40

NIT 25837 S. Side U.P. 552 E 74.50

NIT 25837 E. Side Tackled with Post 555W 63.75

" " N Side " " 557W 55.72

" 25832 Top Wood Post N 37 E 57.40

1/2" Box (Recorded location) L-9 540 E 4.28

DLC
CFC T NIKON

22 JUL 1968

17

M-6 LEZ-17-49

LE-2

C.
N5T 28414 Top Ground Co. 100' - N36°E 31.92'
S 45°E 31.92'
S 41°W 31.22'
N 37°W 32.82'
3/4" Pipe in Mon Box South 109.38'

DLC
SWN

770°

18 Aug 2000

17

M-5 LEZ-17-50
B Round Conc Mon w/ cap in Conc
Collar. Accepted as per location
of corner. Capped w/ Alum. Cap
Set Kings To Surface

C. 4" Conc. Mon w/ 2 1/4" Aluminum Cap
N5T 25837 W. Side 16" Hick N19°E 121.80'
N5T 28414 W. Side 17" Pine S 39°E 49.90'
SW Cor Fdn Hse #2484 S 35°E 78.29'
E 39° STEEL Pipe Fcn Post @ Ground S 21°E 85.30'
N5T 28414 S. Side 21" Pine N 86°W 51.24'
Conc. Mon. (R/S T3N-R3E) South 97.05'

See LE3-15 for Truv.

18

LE-2

M-4 LE3-18-51

3. Searched & Found Conc. Mound
 Cap 9" W. of d Wallace Rd.
 on Fence Line West Accepted
 as Corner capped W/ Alum Cap

C. 4" Conc. Mon w/ 1/2" Rebar & Alum Cap

N 57 13998 NW S. side 19" Tr. Cherry N 40° E 60.60'

N 47 25837 SW S. side 25" Cherry 585° E 51.20'

↓ East S. side 33" Oak S 15° W 121.92'
 S. Side Pen Box N 81° W 21.08'

See LE3-14 for Tru.

DL
BWN

7700

18 Aug 00

13

L-4 LE2-18-52

3. Searched at apparent location of
 Corner and found 1/2" Bar & Cap #170277
 at SW Side 3" Steel Pipe Anchor
 Post. EXCAVATED 3' Dia hole around
 Post and found old sleigh shoe.
 Laying in stones surrounding post
 Accepted sleigh shoe - 3' 12" Bit as
 Purple Traction of corner and replaced
 Bar W, + 3/4" x 24 Steel Bar S
 Alum Cap

N 57 13037 NW S. side 9" Elm N 32° E 14.50'

N 17 13039 W. Side 20" Tr. Ash East 27.92'

N 57 13038 SW Side 9" Ash N 50° W 13.95'

N 57 25837 E. Side 9" Cherry N 40° W 4.40'

See LE3-12 for Tru.

19

LE-2

L-4 LE-19-53

B. Searched of apparent location of corner and found 1/2" B&C 16053 on 2844 @ location. Retrieved Lot 3, 4, 5 & 6 Block 1 of Fisher's Addn. To LeRoy Lot 22 Assessor's Plot No 1 and lots 6 & 7 of HUBBERGERS. Unrecorded Plot and determined B&C was ~~was~~ perpetuation of corner in relationship To Plots. Dug 3' Dia Hole 3" Deep and found nothing More. Accepted B&C as perpetuation location of corner & Replaced w/ STANDARD B&S Cap

NT 25837 S. Side 20' Lot marked N84E 18.44
 NT 16053 E. Side 4th Pole SOUTH 15.36'
 NE. Lot Conc. Block 18d 5.150W 08.00
 NW Lot Conc Block 6/d 5.530W 99.42
 NW Lot 22 Asses. Plot (1987W 137.02

See LE-3-10 For Trar.

DC
SW

TPO

18 Aug 00 19

K-5 LE-19-54

B. Searched of apparent location of corner. And found 1" Gas Pipe on E curb Road 1' West of Fence line South Matching All of Barryman's Road Comm's & Bosses W. it messes. Accepted 1" Gas Pipe as corner and Drove 3/4" Bar into it and placed Alum Cap on Bar

NT 25837 W. Side 22" Maple 5.190W 22.20'
 NT 19034 NW Side 19" Maple 5.580W 30.27'
 NT 25837 NW Side 17" Maple 5.680W 42.94'
 NW Side 12" Oak 5.740W 53.55
 NW Side 9" Oak 5.780W 65.20

See LE-3-07 For Trar.

20		LE-2
M-8	LE-2-20-55	
B. Searched at APPARENT location of corner and found 1/2" Bar 7' N. of d VAN ORDEN Rd. on d Wallace Rd. To N. EXCAVATED 2' DIAMETER Hole 18" Deep around Bar and found 3/4" Bolt with 1" Square Head beneath it surrounded by Broken Brick & Crockery. ACCEPTED Bolt as part of turning of Corner and Set 3/4" x 24" Steel Bar with 2 1/4" Aluminum Cap above it.		
C. 3/4" x 24" Steel Bar w/ 2 1/4" Alum Cap		
N 51° 19834 SE Side Tel Post	35-17.50	41.84
N 51° 25832 W Side 8" x 8" Wd. Corner	144-29.59	43.24
1 1/4" Pipe w/ 3" Alum Cap # 19834	179-25.36	101.83
PK in N. Side 28" Maple	299-11.34	43.43
SE Cor Fdn Hse # 746 Wallace	51-53.17	139.37
662.0 -		
681.5	275 + 32.47	
1343.5 -		
See Pg 29 For Trav.		

DC	SWN /	T70	21 Aug 00	20
L-8	LE-2-20-56			
B. Searched at apparent location of corner and found Bar Spike on d Van Orden Rd. matching Best witness Box. Not Matching McGueary's remaining witness from 1897. Recovered 1" Bar (McGuery's worn corner) of 1/8" corner to East and doubled distance from M-8 to 1/8" corner to get search area 4' North of Bar Spike got Moq. Reading and EXCAVATED 3' Dia. Hole 2' Deep and found Bent 3/4" Bar inside of 1 1/4" Gas pipe. ACCEPTED This and set Standard Bar 5 Cap & Men Bar Above.				
C. 3/4" x 24" Steel Bar S 2 1/4" Alum Cap				
Mqg N 41° S Shiner NE Side 21" Maple 52606905				
N 51° W Side 33" Maple	51395	97.28		
N 51° Shiner E. Side 18" Walnut	532W	64.27		
N 1° Tag NE Side Tel Rise Post N 35° W		38.12		
Bar Spike L-8 As RECORDED	S 20° W	3.08		
See Pg 24 For Trav.				

21

LEZ

DCL
SUN

Tues

21 Aug 00

34

LEZ-21-57 (ED 1" Iron Rod @ 1/8 Cor
37m L-85 m-B. (meters)

B5 LEZ-20-55 (M-8
"Iron Corner")

F5 LEZ-21-58 (L-8?)

B5 0

F5 180

Dist To B55 F558

1342.09 1342.09

A LEZ-21-59 (R.P. Set 10" S&E edge of nlog
100' NE of K-10

B5 LEZ-21-60 (R.P. Set 1/2" S&E 5' E&M Frost
10' on 1/2" line from K-10 to south

F5 LEZ-15-46 (K-10 STAND. B&C)

B5D 180-00-29

F5D 40-40-28

B5R 180-00-24

F5R 180-00-27 220-46-37 220-46-17

220-46-08

Dist To B5

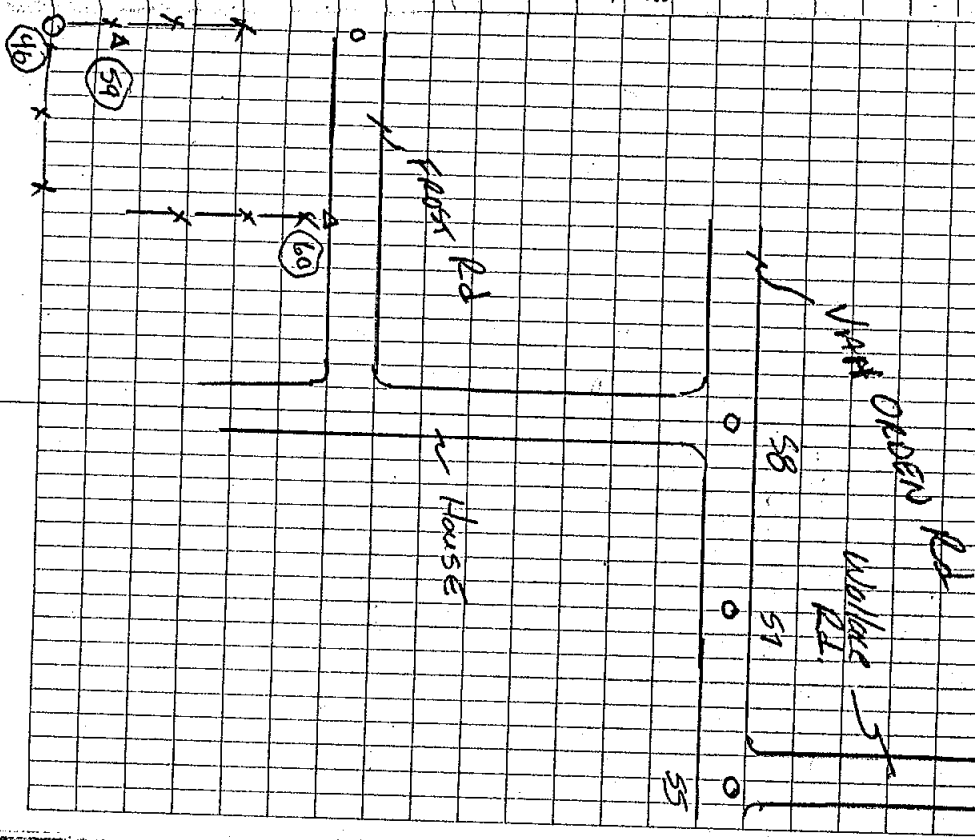
F5

f

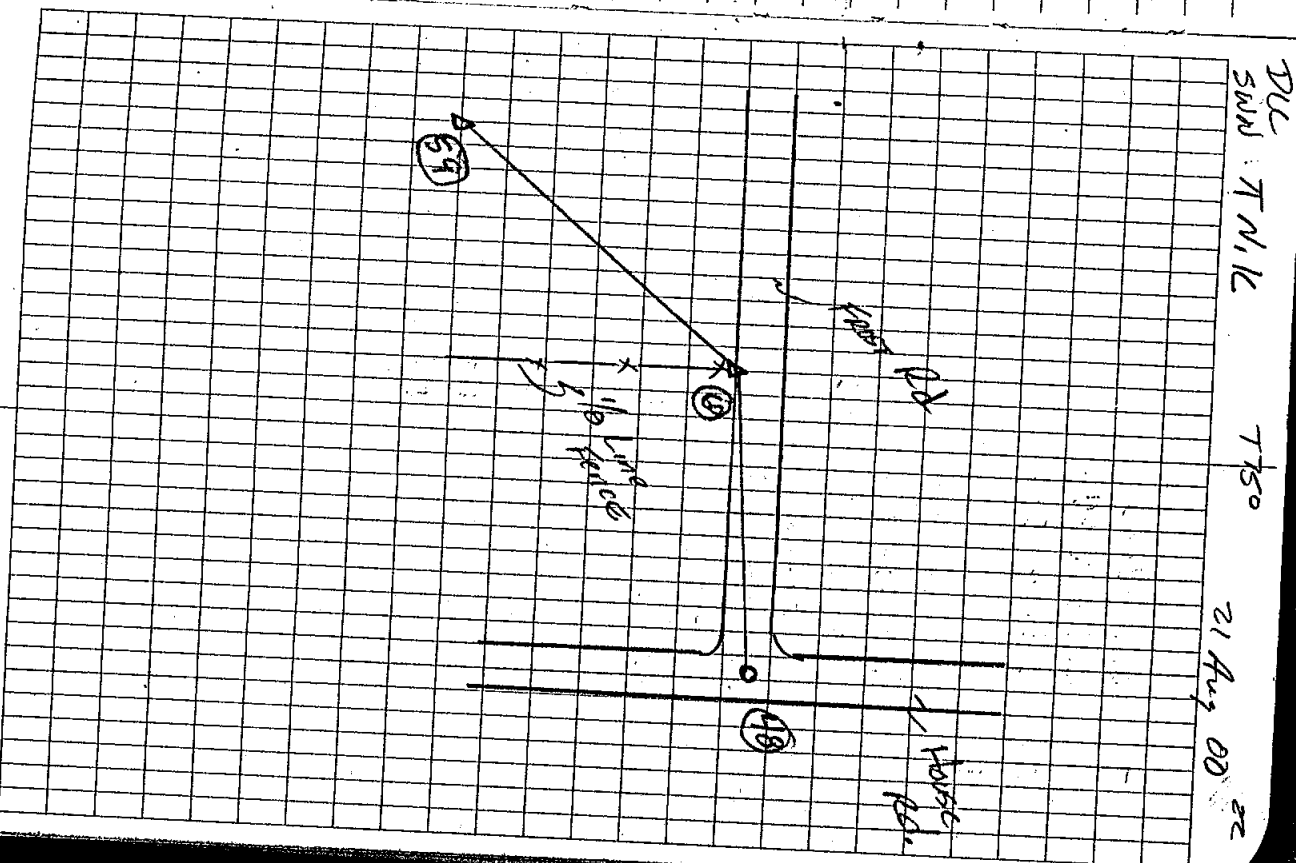
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m

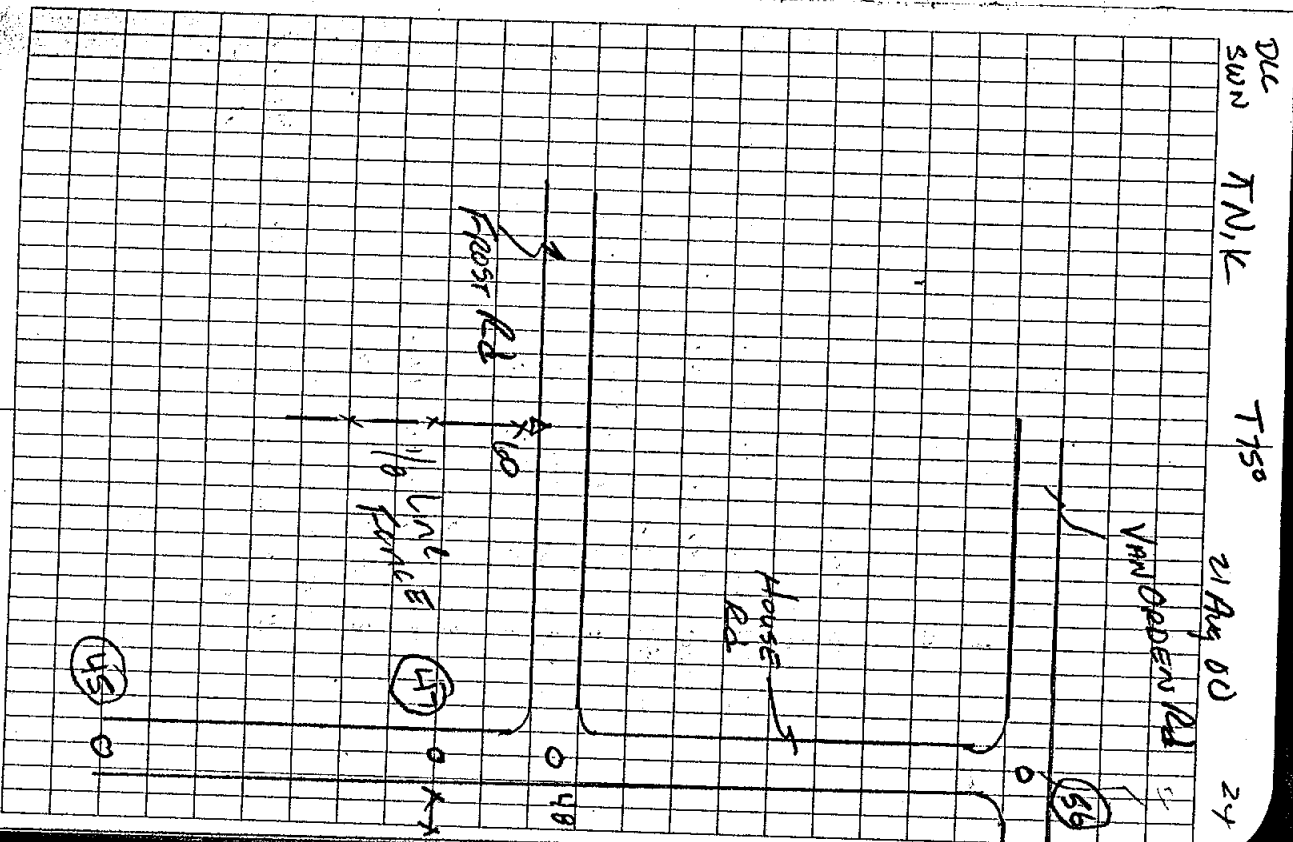
30.461



22				LE-2
T	LE2-21-60			
B5	LE2-16-48 (L-9)			
E5	LE2-21-59			
B5p	000-00-20			
	110-51-40	11051-20		
	180-20-12			
	290-51-22	11051-10	11051-15	
	60-20-30			
	351-12-02	110-51-32		
	240-20-36			
	351-11-37	110-51-01	11051-165	
			110-51-16	
D.5710	B5	E5		
		2770.19		
		844.354		



24					LE-2
X	LE2-16-48				
B5	LE2-21-60				
F5	LE2-20-56	(L-8			
F5	LE2-15-45	(L-10			
F5	LE2-16-47	(Sec pg 16			
B5D	000-00-20				
S6D	85-27-37	85-27-17 ~			
436	264-44-07	264-43-47 ~			
47D	264-44-40	264-44-20 ~			
B5R	180-00-24				
S6R	265-27-44	85-27-17 ~	85-27-17		
45A	84-44-00	264-43-36 ~	244-43-415		
47A	84-44-33	264-44-09 ~	244-44-145		
B5D	600-20-80				
S6D	145-47-52	85-17-22 ~			
45D	325-04-20	264-43-50			
B5R	240-20-51				
S6R	325-47-52	85-27-21	85-27-215	85-27-19	
45R	145-04-09	204-43-38	244-43-44	244-43-43	
Dist to	B5	F5 ₅₆	F5 ₄₅	F5 ₄₇	
F	1333.82	2644.05	2445.17	666.80	
m	406.550	807.433	812.346	203.241	



25

K-9 LE2-23-61

LE2

SEARCHED at apparent location of
COKLER and found $\frac{1}{2}$ " Br & UNK ADDRESS
CAP $3\frac{1}{2}$ feet N. of & Frost Rd. on
Fence line to North. Traversed
NW Cor. Sec. 25 revealed a good
Preparatory relationship to
McCrearys 1895 Survey EXAMINED
2' Diameter Hole 3' Deep and found
Stone Beneath Bar 5 Cap. ACCEPTED
Stone & Bar 5 Cap as perpetuation
of corner and Set Stone B3C
Above in Mon Box

C. $\frac{3}{4}$ " X $\frac{3}{4}$ " Steel Bar $5\frac{1}{2}$ " Alum Cap
N4T 25837 N Side 8' Maple 5790 = 71.00
N4T 24622 E Side 4' Maple 5200 = 94.83
Top Most Point Large Boulder 5720 25.87
& SE Side 4' Spruce 5440W 41.60
& SE Side 4' Spruce 5630W 61.10

See Pg 23 for Trav.

DC

SWN

770

2246 00 25

L-6 LE2-25-62

SEARCHED at APPARENT location of corner
and found ANCHOR $3\frac{1}{4}$ " Pipe w/ Plow
Share along Side E.N. of & Townsend
Rd. on Fence line to South.
ACCEPTED Pipe as perpetuation of
corner and Set STANDARD B3C
over it.

$\frac{3}{4}$ " B3C w/ $2\frac{1}{2}$ " Alum Cap.
5 Edge 2" Apple Tree Trunk for Ground N40E 24.30
N4T 25837 W. Side 10" Walnut 5014 42.55
N4T 28414 N. Side 15" Walnut 5600W/50.21
N4T 25837 E. Side 6" Locust N44W 34.86

See LE 3-05 for Trav.

26

L-6 LE2-26-63

Searched at apparent location of
corner & found $\frac{1}{2}$ " Box & Cap # 1357
in old Anchor Post Hole w/ Fences
to North. EAST South & West.
Accepted Box & Cap as Corner Based
on Evidence of Historic Survey
Work in Section. ~~Accepted~~ Replaced
Box & Cap with Standard Man's
Atom. Cap

LE-2

SW Cor 2" Angle Iron Fm Post

N15E

7.89

N1T 25837 N1 Side 20" Ash 560E 12.27

N1T 25837 SE Side 6" to Ash 571W 22.08

N1T 25837 W. Side 18" Ground N20W 26.66

DL
SW

T750

22 Aug 00

26

M-7 LE2-26-64

Searched at apparent location of
corner & found $\frac{1}{2}$ " Box 1.5' E. of
Wallace Rd. Matching Boss &
Bryan Witnesses. EXCAVATED
18" Dia. Hole 18" Deep found
stone lying on side next to Box
w/ Broken Buck & Crook around
Accepted Box as perpetuator of
corner (probably by McCreey in
his 1897 Survey) and set Standard.
Box in Man. Box in its place.

C. $\frac{3}{4}$ " x 24" Steel Box & Atom Cap in Man. Box

SW Cor. Fm Hsc # 2010 N51°E 80.13

N1T 25837 Tag in S.S. side Tek Rd N77°E 30.05

 $\frac{1}{2}$ " Box (A-7 Tag) (3E) South 100.48

N1T 25837 E Side 36" Walnut 59°W 22.13

 $\frac{1}{2}$ " Pipe N84°W 33.50

N1T (40' Roadside) E. Side 21°N 64.52

27

L-7 LE-2-27-65

LE-2

8. Searched at Apparent Location
of corner and found 1" Pipe
in old Anchor Post Hole. Excavated
3' Dia. Hble 3' Deep and found
Many Fence Post Staves Accepted
1" Pipe as perpetuation of corner
and Dug 3 1/4' Bar & Alum. Cap.
inside of it

N 1/2 25837 SE Side 19" Oak N 50 E 6.52
N 1/2 9834 N. Side 29" Oak S 65 W 33.4
N 1/2 25832 N. Side 17" Oak N 75 W 15.51
N 1/2 25837 E. Side 21" Board N 50 W 45.45
See LE-3-04 for Tray.

DC
CEE

7840

29 Aug 00

27

L-7 LE-2-27-66

B. Searched

and found 1/2" B&C 13574 in
Ancient Anchor Post Hole 1.45. of
New 4" Steel Fence Post in Conc
Accepted 1/2" B&C as perpetuation of
corner

N 1/2 25837 W. Side 21" Board N 20 E 30.30
E. Side 17" Board S 50 E 23.02
N. Side 29" Mobile West 45.45
W. Side 14" Ash N 60 W 15.26
S. FACE 4" Steel Post in Conc. North 1.20

28

L-5 LE2-28-67

LE2

DLC
CFE

7850

29 Aug 00

28

B. Searched at apparent location of corner and found $\frac{1}{2}$ " Bar in North fence line of Abandoned Road. Could not reconcile this location with Bergman witnesses (they do not appear to be for this corner). Accepted Bar as perpetuation of corner and replaced with Standard Bar & Cap. Upon further consideration decided corner needed more work and placed on hold.

Witnesses to $\frac{1}{2}$ " Bar in fence

N&T 25837 N. Side 7" Maple East 9.09'

S. Side 7" Maple 570E 12.28

N. Side 36" Oak 575W 93.80

N&T 19834 S. Side 36" Maple West 64.50

31

LEZ.

7

87

BS

45

FS

LE2-04-15 (L-11 RECOV. 5/8" OF H.C. IN NOV 1905)

BSO

000-00-20

150

178-08-06 178-07-46

BSR

180-00-17

15R

358-08-11 178-07-53 178-07-495

BSO

000-00-25

150

178-08-06 178-07-41

BSR

180-00-23

15R

358-08-13 178-07-50 178-07-45.5 178-07-47.5

Dist to

BS45

FS15

F

2142.59

456.89

M

668.303

139.261

DL SWN

7 NIK

7 50'

4 Nov 00

31

N

L-10 0 45

House Rd

87

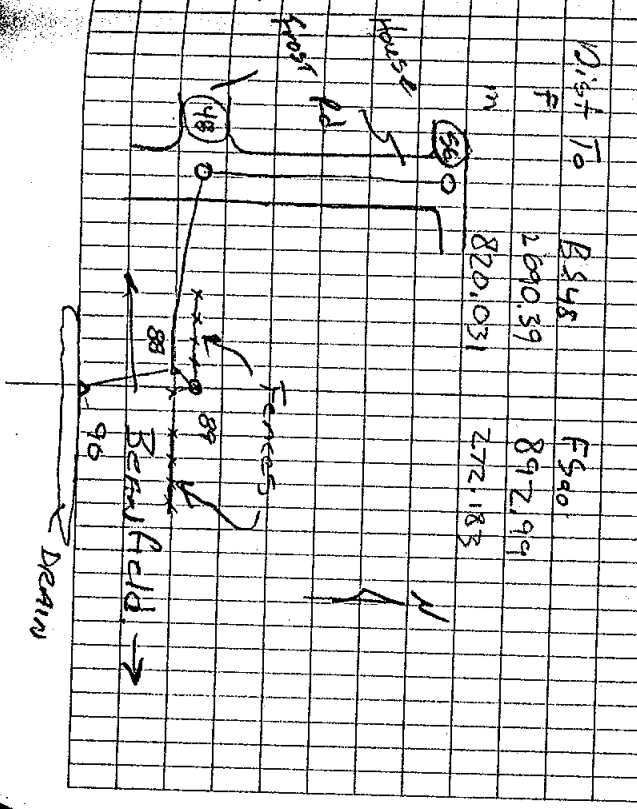
0 L-11

(15)

Dennis Rd

33				LE-2
LEV.				
A	LE2-16-48 (K-9			
BS	LE2-20-56 (L-8			
FS	LE2-33-88 (2 R Temp Pt. No Bean Field.			
BS _D	000-00-21			
88 _D	96-13-17 96-12-56			
85 _F	180-00-33			
88 _R	276-13-26 96-12-53 96-12-55			
BS _D	600-00-26			
88 _P	96-13-14 96-12-48			
BS _R	180-00-29			
88 _R	276-13-26 96-12-57 96-12-525 96-12-535			
Dist T ₀	BS ₅₆	FS ₈₈		
F	2649.09	2690.38		
n	807.445	820.031		
K	88			
BS	48			
FS	LE2-33-89 (M-1? See Pg 34			
BS _D	000-00-20			
89 _D	102-15-17 102-14-57			
BS _R	180-00-23			
89 _R	282-15-12 102-14-49 102-14-53			
Dist T ₀	BS ₄₈	FS ₈₈		
F	2650.29	58.29		
n	820.032	17.766		

DLE	T ^{N/L}	TSSD	4NOV00	SS
SUN				
K	88			
B5	48			
F5	LET-33-90(RP Temp Pt. in Beam field)			
B5b	090-00-19			
900	255-48-24	255-48-05		
B5c	180-00-27			
90a	75-48-32	255-48-05	255-48-05	
B5d	000-00-17			
76a	255-48-26	255-48-09		
B5e	180-00-25			
90a	75-48-34	255-48-09	255-48-09	255-48-07



34

M-9 LE2-33-89

LE-2

FO 1 1/4" Pipe w/3" Alum. Cap Stamps

M-9 19834 in N-S Fence line

② Fence line from West Matching

McCreary Distances To North-End

West

1000 N5T 25837 W.S. side 28' 0" 503'E 73.94'

1001 N5T 25837 W.S. side 10' 0" 510'E 46.11'

1002 N5T 25837 NW side 16' 0" 543'W 25.76'

1003 N5T 25837 S. side 9' 0" 75'W 71.15'

CARESONITE Survey Marker 5' 0" South 0.5'

MEASURED West 2703.35 To L-9

(McCreary 2700.06')

Measured North 2627.57 To M-8

(McCreary 2628.70')

Measured South 2659.26' To M-10

(McCreary 2655.84')

DLC SWN N N L T 7450 4 Nov 00 34

N - 90

AS - 28

ES LE2-34-91 / RP 35 Temp. Pts in Beam

BS 600-00-24

91/0 191-32-23 191-32-02

BS 180-00-42

91/0 11-32-44 191-32-04 191-32-03

BS 200-00-35

91/0 191-32-33 191-31-58

BS 180-00-34

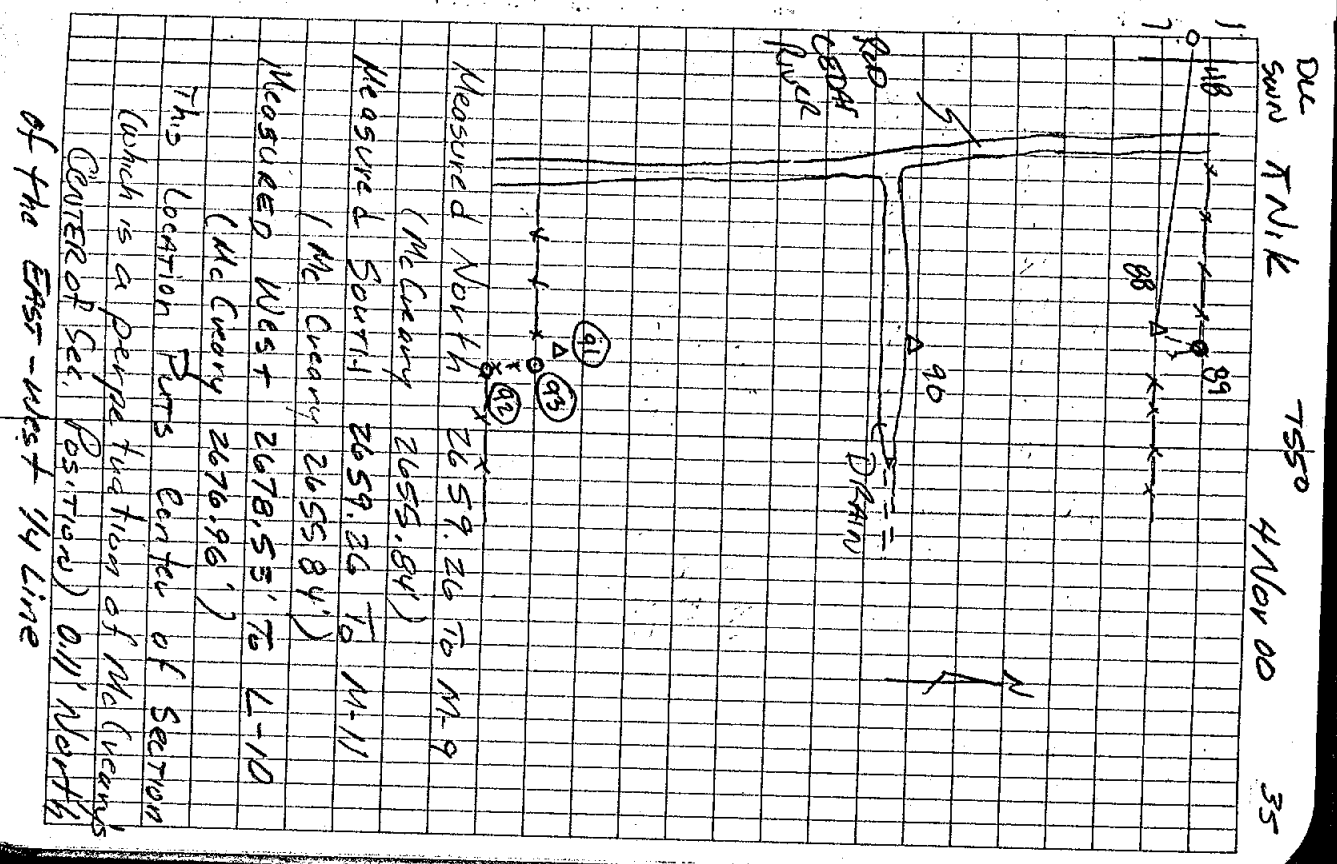
91/0 11-32-47 191-32-13 191-32-05.5 191-32-04

Dist To BS 88 FS 71

F 892.98 1718.51

M 272.182 523.803

35					LE-2
Two.					
π		91			
B5		90			
FS	LE2-35-24	92	A-10 Hand 1 up 1/2 of 17022 Boss in old rock		
35D	000-00-20		lost Hole Surrounded by Broken Rock & Chert		
92D	170-43-59	170-43-35			
B5 R	180-06-25				
42R	350-43-55	170-43-30	170-43-34.5'		
Dot to B5 90		FS 92			
P	1718.51	102.84			
M	523.804	31.347			
Tied	1004/1005	Pss. on	E-W Fence		
W/ SDR					
Set 98	485	109-34-52	Dot	11.18'	
Set 3/4" B3 H.C.					
1001 P5T	26837	N. Root	39" OAK	540°E	115.71'
1008 "	"	W. Side	6" OAK	530°E	34.48'
1009 "	"	NW Side	9" OAK	529°W	35.93'
1010 "	"	N Side	6" Hick	561°W	33.51'
Set 3/4" Bar Alum Cap	18"	Deep in	field		
1/2" Bar Cap #1022	(A-10 T3N, E3E)	504048'2"E	97.91'		



36

LE-2

ESE 2000 Remon Contract

ESE = ENGINEER Surveying & Engineering

DLC = Dave Crawford PS 25837

CFE = Coe Emmons Survey Tech.

Nik = Nikon Total Station

B&C = 1/2" x 18" Smooth Bar & Cap

28409 in less otherwise

NOTED

NST = 1 1/4" Alum. Tag & 20d Galv.

Spike in less noted.

(Tag is #25837)

SWN = Sam Norde, Survey Tech

1
K-8 LE3-01-70

LE-3

DIC
CFC

7750

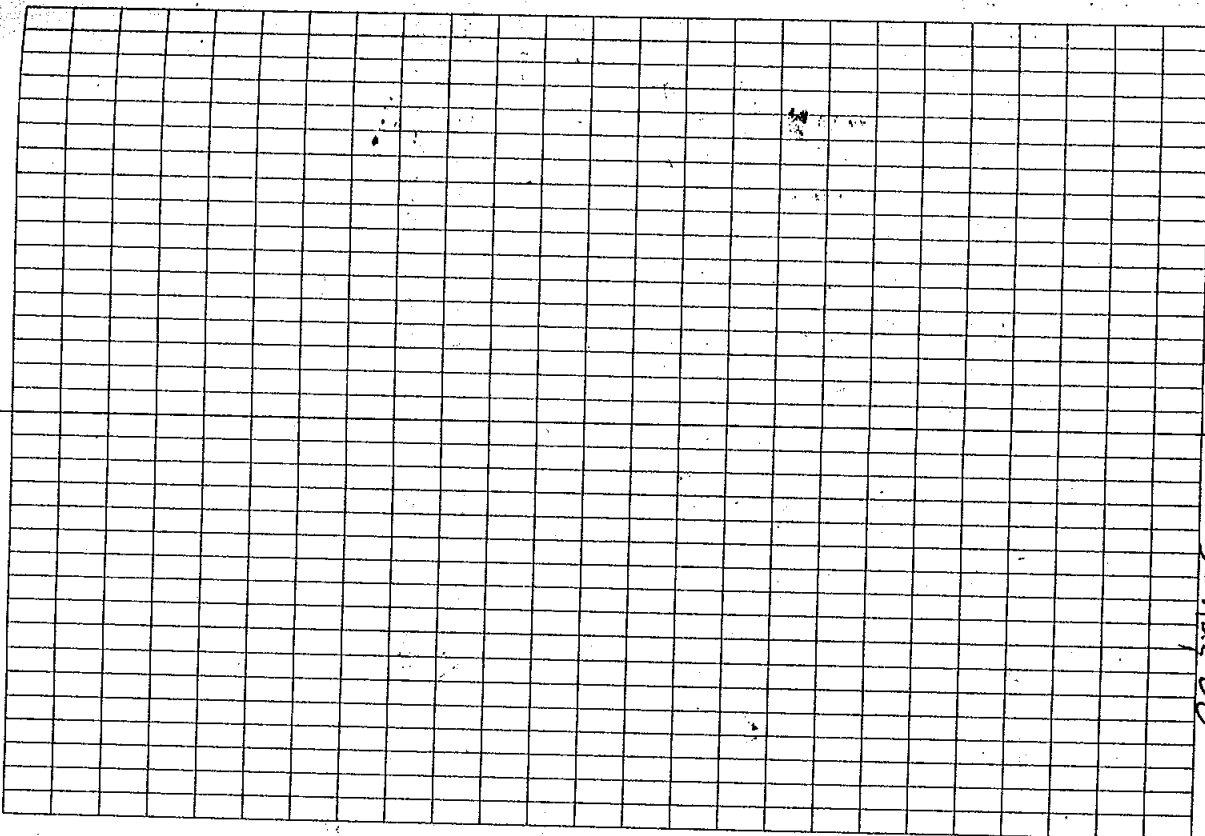
30 Aug 00

3. Searched at apparent location of
Corner and found 1/2" Bar & South
of 4 VAN ODEEN Rd on Fence
line North Matchline Boss witnesses
EXCAVATED 18" Diameter Hole 18"
Deep and found that bar was
in middle of 4" Drain Tile standing
vertically in natural ground. Hatched
Tile & Bar as per function of cover
and replaced Bar with standard
Bar-5 Cap and Set man Bar.

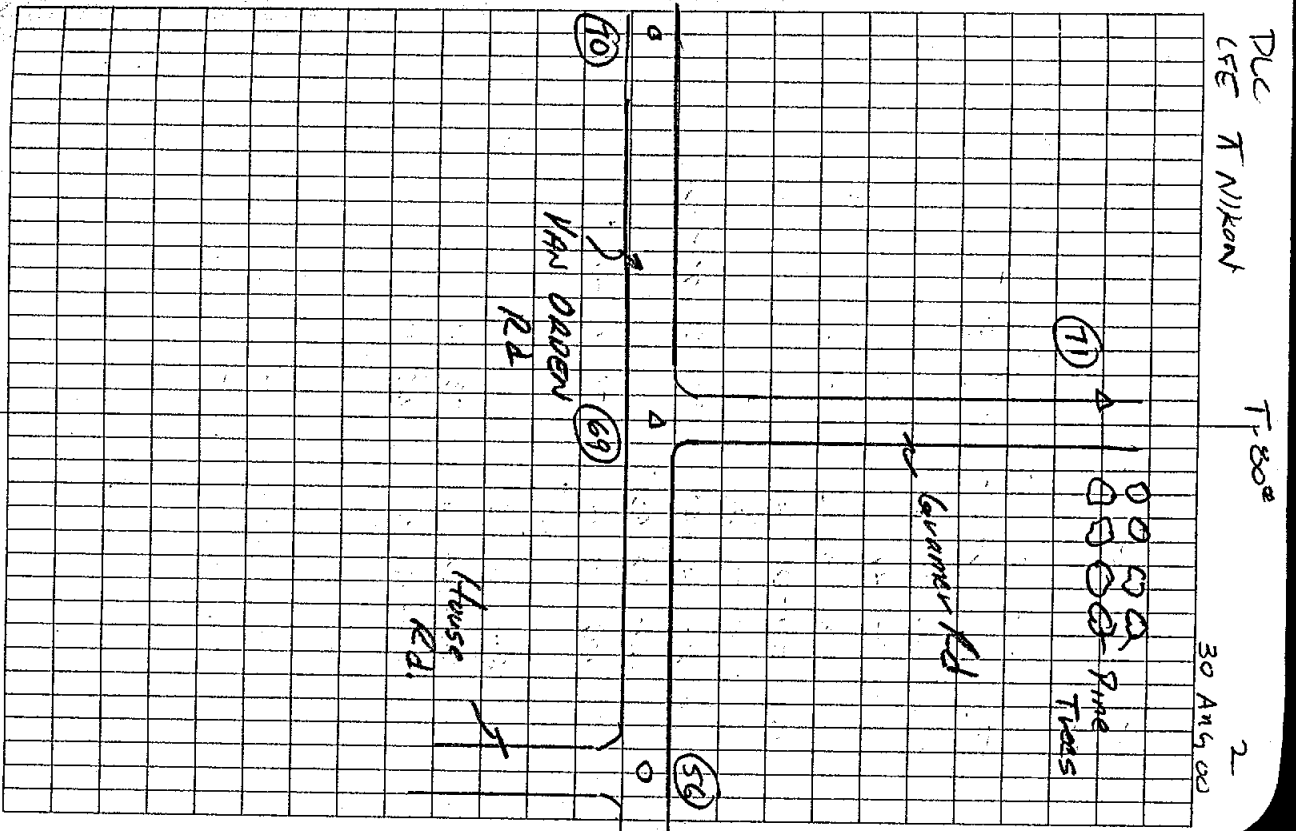
C.

3/4" x 24" Steel Bar & Alum Cap
N5T 25837 E. Side RRTe Bar N20E 37.38
N5T 19834 E. Side 30" Maple 5120W ~72.33
NE Cor Conc. Bush Hse #496 5550W 77.63
N5T 25832 N. Side 24" Maple 5800W 75.47
1/2" Bar-5 Cap 25832 Byron N20E 33.00

SEE Pg 2 FOR Trav.



2				LE-3
π	LE2-29-69	(4446-4477 E.P. Set R.R. 5pt on 2. Ground 21 N. of E)		
BS	LE2-20-56	(L-B VAN ORDEN		
FS	LE3-01-70	(K-8		
FS	LE3-02-71	(RP SET 1" RED CAP < BAR (LS 2840 N. EOM. GELMER RD 5' S. IF 4' SPENCE BAR HOUSE 1/2 BRAD		
BSb	000-00-20			
70D	179-48-01	179-47-41		
71D	244-30-13	244-29-53		
BSR	180-00-20			
π	359-48-04	179-47-44	179-47-425	
π	04-29-59	244-29-39	244-29-46	
BSD	600-20-30			
D	240-08-14	179-47-44		
D	324-50-20	244-29-40		
BSR	240-20-22			
π	600-08-15	179-47-53	179-47-485	179-47-485
π	44-50-07	244-29-45	244-29-485	244-29-44
DISTO	BS	FS70	FS71	
FT	1348.50	1330.20	1330.85	
W	411.043	407.270	1007.929	



✓

UE3-02-71	A
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BS	LET-29-69
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FS	UE3-03-72
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FS 3-03-73

45	453-03-74
----	-----------

BS	000-00-20
----	-----------

72D	75-42-53	75-42-33
-----	----------	----------

73 D	180-03-12	180-02-52
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74D	301-25-54	301-25-34
-----	-----------	-----------

BS 180-00-15

75-42-31 75-42-29 75-42-44 75-42-42 75-42-41

12 000-03-03 180-02-48 180-02-50

121-25-56	301-25-41	301-25-375
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60-20-30

D	136-03-08	75-42-38
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D	240-23-20	180-02-50
---	-----------	-----------

D	001-46-	04	301-	25-36
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B5 E	240-20-24
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3/4 - 02-44	75-42-32	75-42-35	75-42-33
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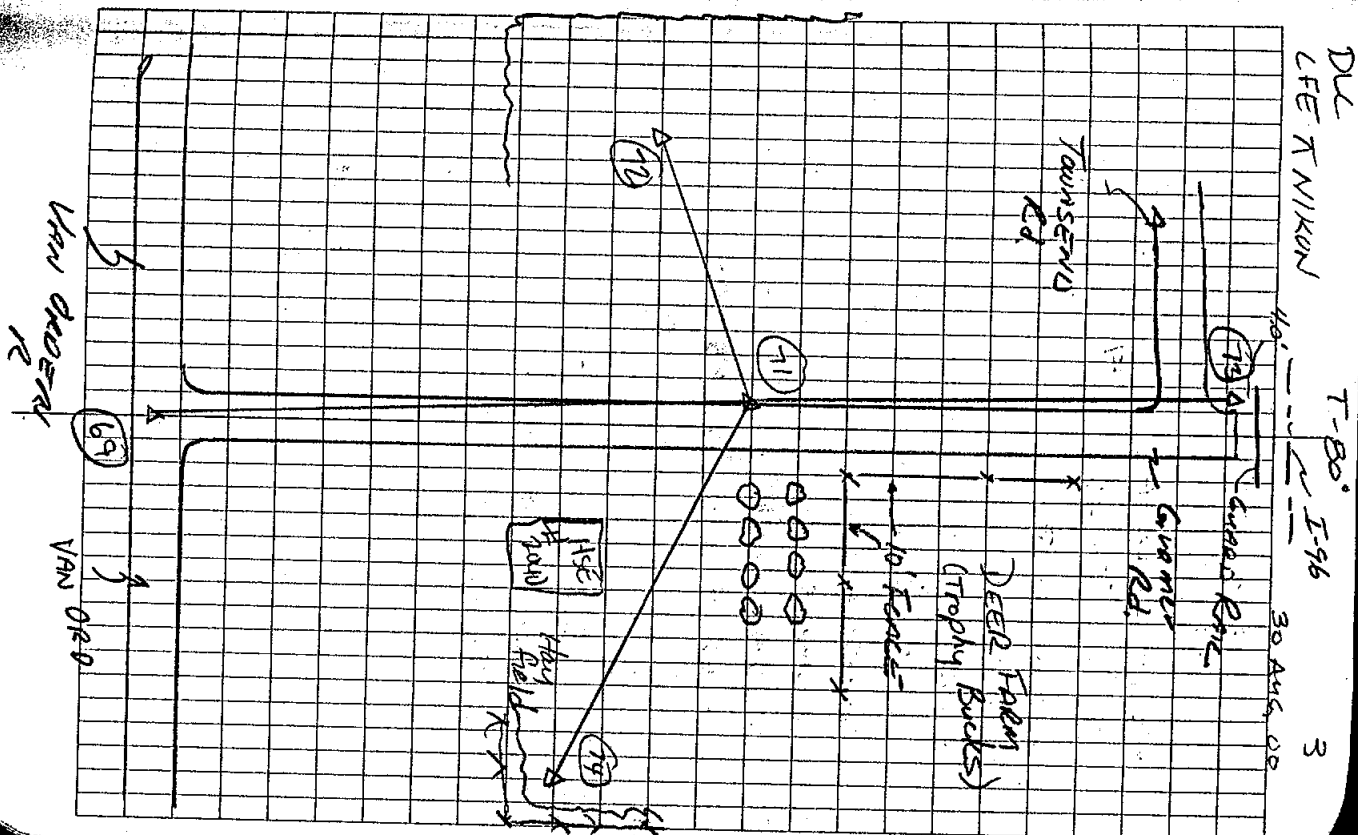
2 100-23-07 180-02-43 180-02-46 180-02-46

181-46-03	301-25-39	301-25-375	301-25-376
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DIST 10	B5	F572	F573	F574
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IT	3306.85	756.59	2036.37	1286.96
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m	1607.929	230.610	620.686	397.267
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3

4

X LE3-03-74

BS LE3-02-71

~~FS LE3-04-75~~

FS LE2-27-65 (L-7)

BSD 000-00-00

D 172-05-59 172-25-39

BS 2180-00-00

R 352-20-05 172-25-59 172-25-49

BSD 000-20-30

D 232-40-17 172-25-47

BSR 240-20-21

R 52-40-25 172-26-04 172-25-55 172-25-52

DISTO BS FS

FT 1286.97 250.44

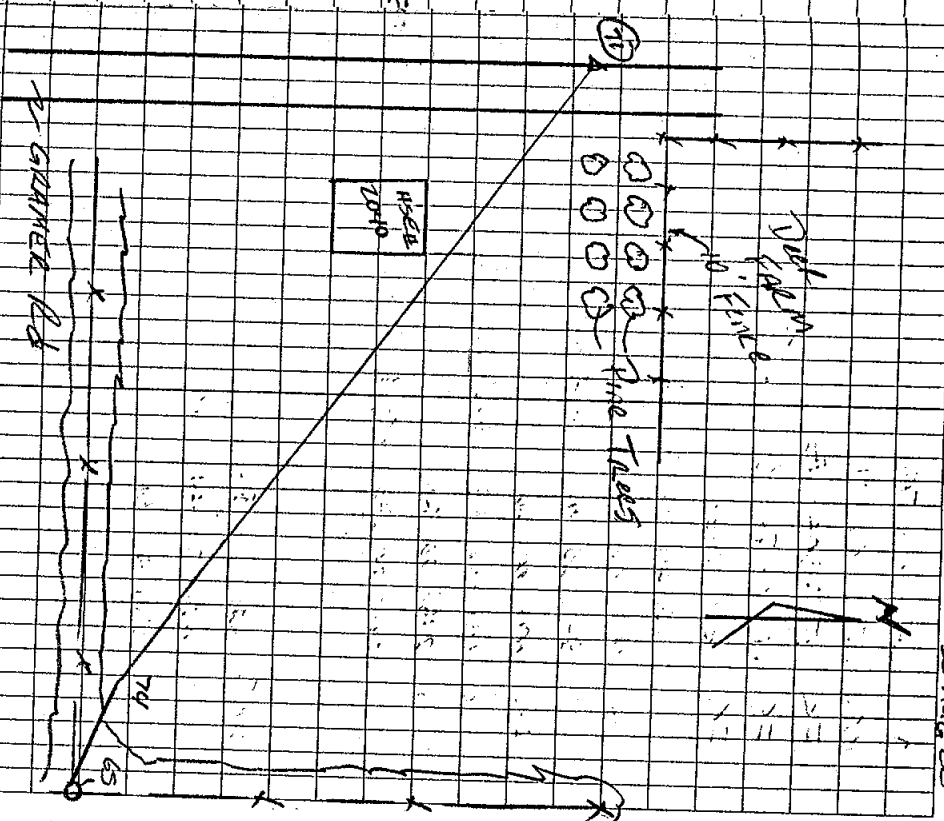
M 392.268 70.335

LE-3 DCL CEE TILKUN

T-80

30 AUG 00

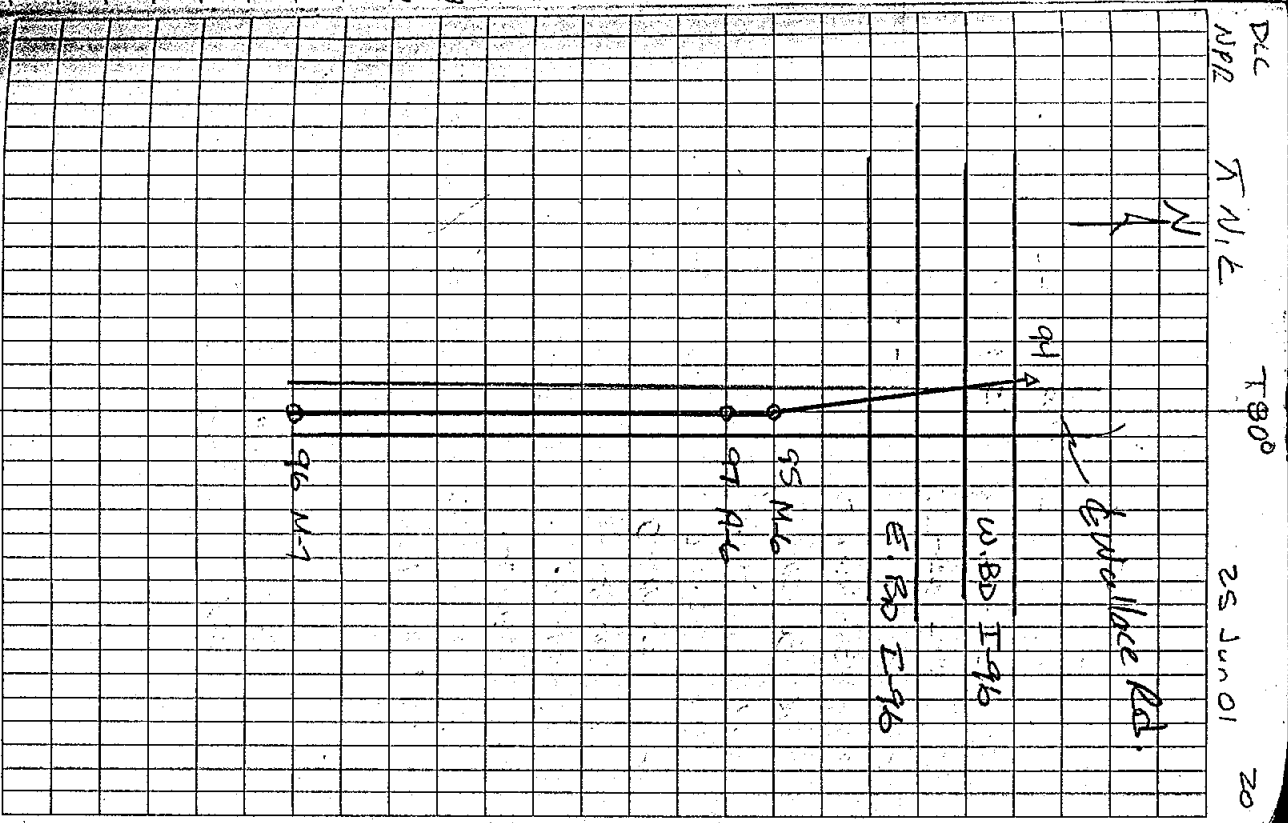
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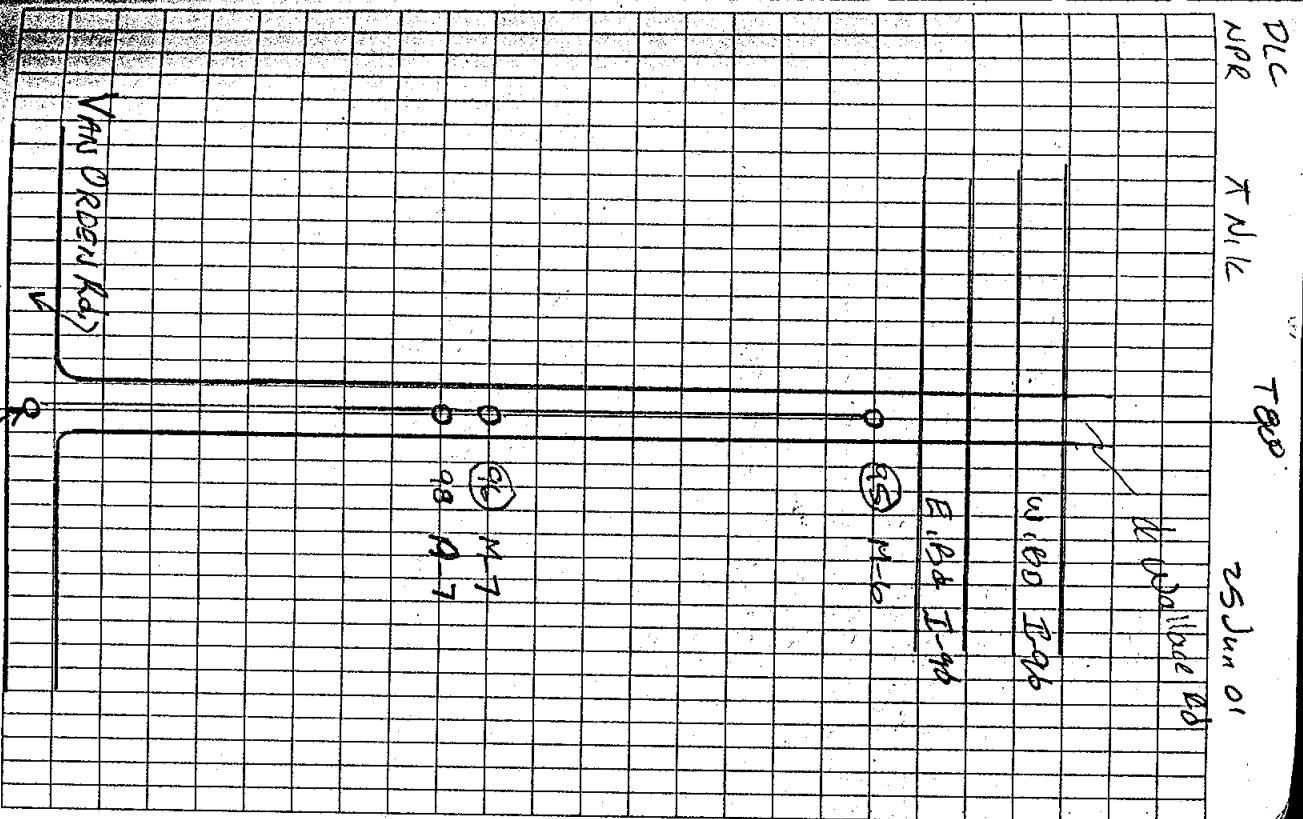
18				LE-3
2001	Ingham Co.	CONTRACT		
A	LE-3-16-B6	Recov 1/2" B ₄ C		
B5	LE-2-17-50	Recov STIMPERD ACURA		
F5	LE-3-18-94	R.P. Set 1/2" B ₄ C 2" W. of I Wallace Rd., 24" N. of I		
B5D	000-00-20			
D	183-08-26	183-08-06		
B5R	185-00-00			
R	3-08-13	183-08-13	183-08-95	
R5D	60-00-30			
D	243-08-49	183-08-19		
B5R	240-20-37			
R	63-28-54	183-08-17	183-08-18	183-08-14
D.576	B5	F5 94		
	1639.80	515.08		
		515.08		

	19				LE 3
	2001	Reman			
T	LBS-18-94				
B5	LE3-16-86				
F5	LE3-19-95	(14-6 STANDARD DISC IN NON BOX SEE LE2 PG 17)			
B5D	000-00-22				
D	175-46-26	175-46-06			
B5 R	180-00-15				
R	355-45-57	175-45-42	175-45-54		
B5 D	60-20-30				
D	236-06-31	175-46-01			
B5 R	240-20-42				
A	56-06-35	175-45-47	175-45-34		
Pis-T	B5 ₈₆	= S ₉₅			
	515.08	493.92			
	515.09	493.92			

20				LE 3
2001	Remon			
T	LE3-A-95°			
T5	LE3-18-94			
T5	LE3-20-96	(M-7	see LE2 P926	
F5	LE3-20-97	(A-6	T33 R35 1/2" Pipe 10 Mon Box	
B5D	000-00-20			
96D	181-03-42	181-03-22		
97D	181-30-03	181-29-43		
B5R	190-00-21			
96R	1-03-09	181-02-48	181-03-25	
97R	1-24-23	181-23-02	181-29-25	
B5D	60-20-30			
96D	241-23-41	181-03-11		
97D	241-50-40	181-30-10		
B5R	240-20-41			
96R	61-23-52	181-03-11	181-03-08	
97R	61-49-30	181-28-49	181-29-25/81-29-26	
Dist 70	B594	F596	F597	
	493.92	2654.99	109.49	
	493.92	2654.99	109.49	



21				LE-3
T	LE3-20-96			
BS	LE3-19. 95			
FS	LE2-20-55	(M-8 STANDARD DIST SEE		
FS	LE3-21-98	(A7 F30 E35 FD 1/2 1301		
BS	000-00-20			
SSD	180-07-56	180-07-36		
98D	180-01-11	180-00-51		
BSR	180-00-08			
SSR	00-07-44	180-07-36	180-07-36	
98R	00-01-10	180-01-02	180-00-56.5	
BS	60-00-08			
SSD	240-07-41	180-07-33		
98D	240-01-16	180-02-08		
BSR	240-00-16			
SSR	60-07-45	180-07-29	180-07-31	180-07-33.5
98R	60-01-03	180-00-47	180-00-58	180-00-51
BS-70	BS 95	FS 95	FS 98	
	2655.00	2657.96	100.49	
	2655.06	2657.96	100.49	



22

LE-3

A

LE3-07-79

Recov NGI

BS

LE3-03-75

Recov Mag No. 1

FS

LE3-22-99

(R.D. Set 10' spl in field Temp)

BS

000-00-26

99D

276-52-30

276-52-04

BS

180-00-22

99L

196-52-28

276-52-06

BS

60-20-30

D

337-12-33

276-52-03

BS

240-20-38

R

151-12-56

276-52-18

105

276-52-08

Dist

BS

FS

1627.75

1381.55

1627.75

1381.55

DLC

NPR

TNLE

TBO

25 Jun 01

22

Cavendish Rd.

Cavendish Rd.

I-76

23

LE-3

T LE3-22-99

BS LE3-07-79

FS LE3-23-100 (4-5?)

BS 000-00-20

D 75-43-52 75-43-32

BS R 180-00-06

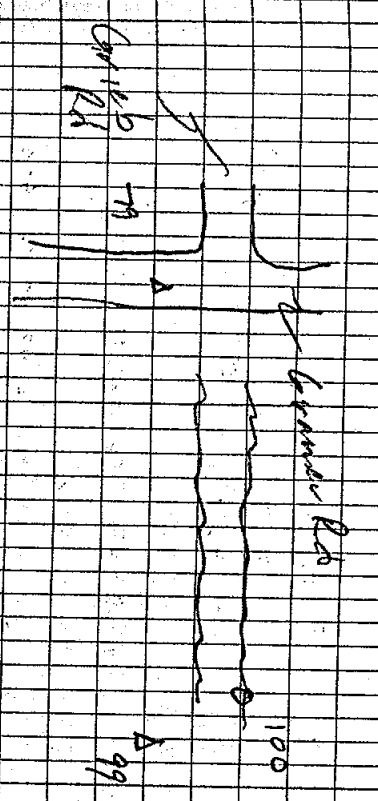
R 255-43-44 75-43-38 75-43-35

DISTO BS FS 100

1381.56 60.69

1381.56 60.68

DEC
NPL T.N.L T800
25 Jun 01



24

LE-3

X LE-3-05-76 (Recov B" SPL

BS LE-3-05-75 (Recov. May, Nov.

FS LE-24-101 (R.P. Ser 10 SPL (Temp.)

BS 00-00-20

0 95-03-14 95-02-54

BS 0 180-00-26

0 275-03-09 95-02-43 95-02-485

BS 0 60-20-30

0 155-23-14 95-02-44

BS 0 240-20-30

0 335-23-14 95-02-44 95-02-44 95-02-46

Dist to BS

FS

885.17

1272.32

885.15

1272.32

DC

T.M.E

7850

27 July 01

24

13026.713
4275.424

A. 75

W. Bd I-96

(79)

101

E. Board I-96

Pd

10005300

G. 10005300

25

LE-3

T

LE3-24-101

BS

LE3-05-76

FS

LE3-25-102

(LE3-34-BS-HC)

BS

00-00-20

D

230-25-54

230-25-34

BS

180-00-16

D

266-26-01

230-25-45

230-25-40

D.S.

BS

FS

1272.34

121.91

1272.34

121.91

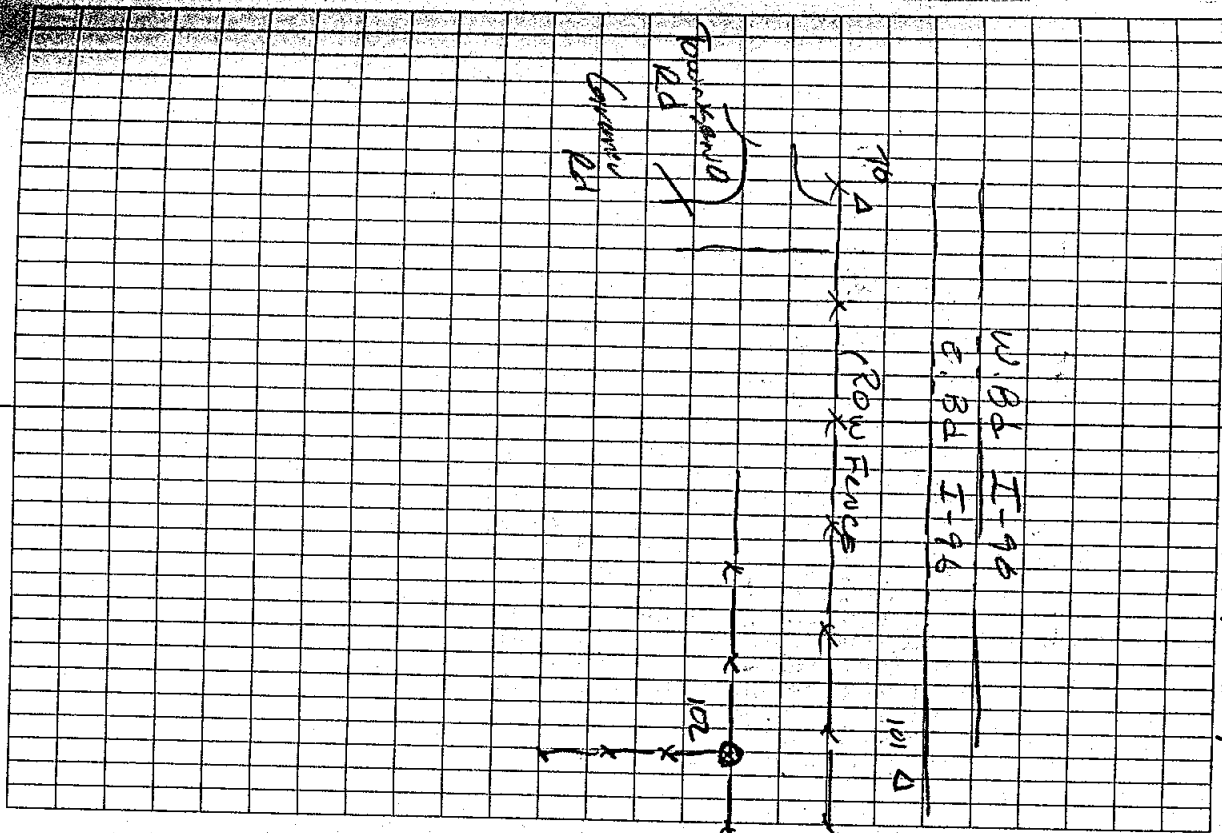
DLC

JLC

T N L

T850

27Jul 01 3



26

A	LE3-03-73			
PS	LE3-02-71			
ES	LE3-26-103	(Search for 1/8 corner		
ESE	2001	CONTRACT		
Enger	Surveying & Engineering	- ESE		
DAVE CUFFORD	PS 25837	- DLG		
Jourd LaRose	Survey Tech	- DLG		
ADAM RIEGER	"	" - NPR		
Nikon Total Station		- NIK		
1/2 Box & Cap 2049	unless			
other wise noted		- Bdc		
1 1/4" Alum. Tag PS 25837	+			
20D Grailv. Spike		- N&T		

2

26