

DL 790° 40° 27 July 01

40

ESE 2001 Ramon Contract

K-10

B. Field Investigation at location of Corner revealed a 4" Conc. Mon. w/ 1/2" Bar & Cap in Mon. Box 2' west of & Murre Rd. & 3' North of & Moyer Rd. Accepted Mon. as perpetuation of Corner based on Previous Excavation and discovery of Stone & Brick & Capped it with Standard Aluminum Cap.

C. 4" Conc. Mon. with 1/2" Bar & 2 1/4" Alum. Cap. Stamped: Etc.

SW Cor. Base For the #5009 N65°E 92.58' N57 25832 W. Side For Post S37°W 61.03' N57 18998 N. Side Utl. Pole S66°W 59.81' SW Cor. Conc. Curb. N73°W 64.59'

K-9

B. Field Investigation at this Corner revealed a 4" Conc. Mon. with 1/2" Bar & Cap in Mon. Box. 0.5' East of & Murre Rd. & 15' South of the center line Sherrill Rd. Accepted Mon. as perpetuation of Corner because of previous excavation and capped Mon. with Standard Alum. Cap.

C. 4" Conc. Mon. with 1/2" Bar & 2 1/4" Aluminum Cap. Stamped -

Nail & Brass Eng Tag in NW Side Utl. Pole N55°E 67.7' N57 25832 SE Side Cor. Fence Post N75°E 67.7' NE Face 3" Steel Fence Post S52°W 39.55' & Base 3" Steel Post in Conc. N43°W 41.43' N57 18998 W. Side 36" Maple N72°E 31.05W'

DLC
JLL
T900
27 July 01 41

M-10	Field Investigation at apparent location of corner revealed a 4" Conc. Mon. w/ 1/2" Bar on E. bearing for rd. and 3' North of E. Moyer Rd. To West. Accepted Mon as per the field of corner and capped it with STANDARD Alum Cap.	
C. 4" Concrete Mon. w/ 1/2" Bar & 2 1/4" Alum Cap stamped -	N 51° 25' 03" W. Side North 8" Maple N 44° E 56.02'	
	Allegable North Side 20" Maple 53° E 65.32'	
	1" punch pipe (also, 20" ESE)	55° W 73.16'
	Allegable North Side 23" Maple 52° W 98.45'	
	N 51° 25' 03" E Side 26" Maple 53° W 46.55'	

41
L-9
20+2

B. Field Investigation at location of corner revealed a 4" Conc. Mon. w/ 1/2" Bar on E. Sherwood Rd on a fence line To The North. Accepted. Monument as corner and capped it with STANDARD Alum. Cap.		
C. 4" Conc. Mon. w/ 1/2" Bar & 2 1/4" Alum. Cap stamped etc.		
N 51° 25' 03" NW Side 6" Walnut N 40° E 31.62'		
N 51° 25' 03" (white) w/ side 4" Walnut 56° E 85.70'		
N 51° 25' 03" N. Side 40" OAK 57° SW 102.84'		
N 51° 25' 03" SW Side 8" Twin Walnut NW 40.34'		

DLC
JLL

T900

27 Jul 01
02 Aug 01

42

L.O.2

L-10

B. Field Investigation at this corner and found 4" Conc Mon. With 1/2" Bar on E. Moyer Rd. on fence lines to North & South. Accepted Mon as per per location of Corner based on previous Excavation and copied it with Standard Alum. Cap.

C. 4" Conc. Mon. With 2 1/4" Aluminum

Cap. Stamped -

N5T18498 E. Side Cor. Fen Post N02°E 24.83'
 N5T18498 W. Side 21" Walnut S10°E 31.43'
 N5T25837 NW Side 7" Walnut S65°W 36.21'
 N5T25837 SW Side 7" Walnut N36°W 36.76'
 NW Cor. Fen. Hse #526 S43°E 155.60'

L-7

B. Field Investigation at apparent location of Corner revealed a 1/2" Bar in Mon. Box 2'E. of E. Moyer Rd. on E. Bell Oak Rd. Removed Iron and excavated 2' Dep in Mon. Box and found much brick & Cob. Accepted Iron as per per location of Corner and replaced it with Standard Bar & Alum. Cap.

C. 3/4" x 2 1/4" Steel Bar & 2 1/4" Aluminum Cap Stamped Ingdon Co. PA 345

P.S. 25837 in Mon. Box

N5T 25837 N. Side 20" Walnut S78°E 145.6'

" " N. Side White Fence Post S75°W 57.24'

" " Top of Wood Post N44°W 64.57'

" " E. Side Ute Pole N13°W 216.94'

NW Cor. Stone Mon. N40°E 99.34'

43

X 102-43-02 (K-7 3/4" Bar Seep 9 42
 BS 102-43-01 (L-7 3/4" Bar Seep 9
 FS 102-43-03 (BT Spk K-8?
 BSp 000-00-20
 3D 86-54-08 86-53-48
 BS R 180-00-13
 3R 266-54-01 86-53-48 86-53-48
 BS D 60-20-30
 3D 147-14-26 86-53-56
 BS R 240-20-20
 327-14-15 86-53-55 86-53-55 86-53-52

Dist To

BS,

FS,

2664.8

2632.98

2661.18

2632.98

10-2

DUL

JUL T NIK

T90°

43

02 Aug 01

Bell Oak Rd

K-7

?

L-7

B K-8

44

20-2

DLC

NL TNLK

T90

44

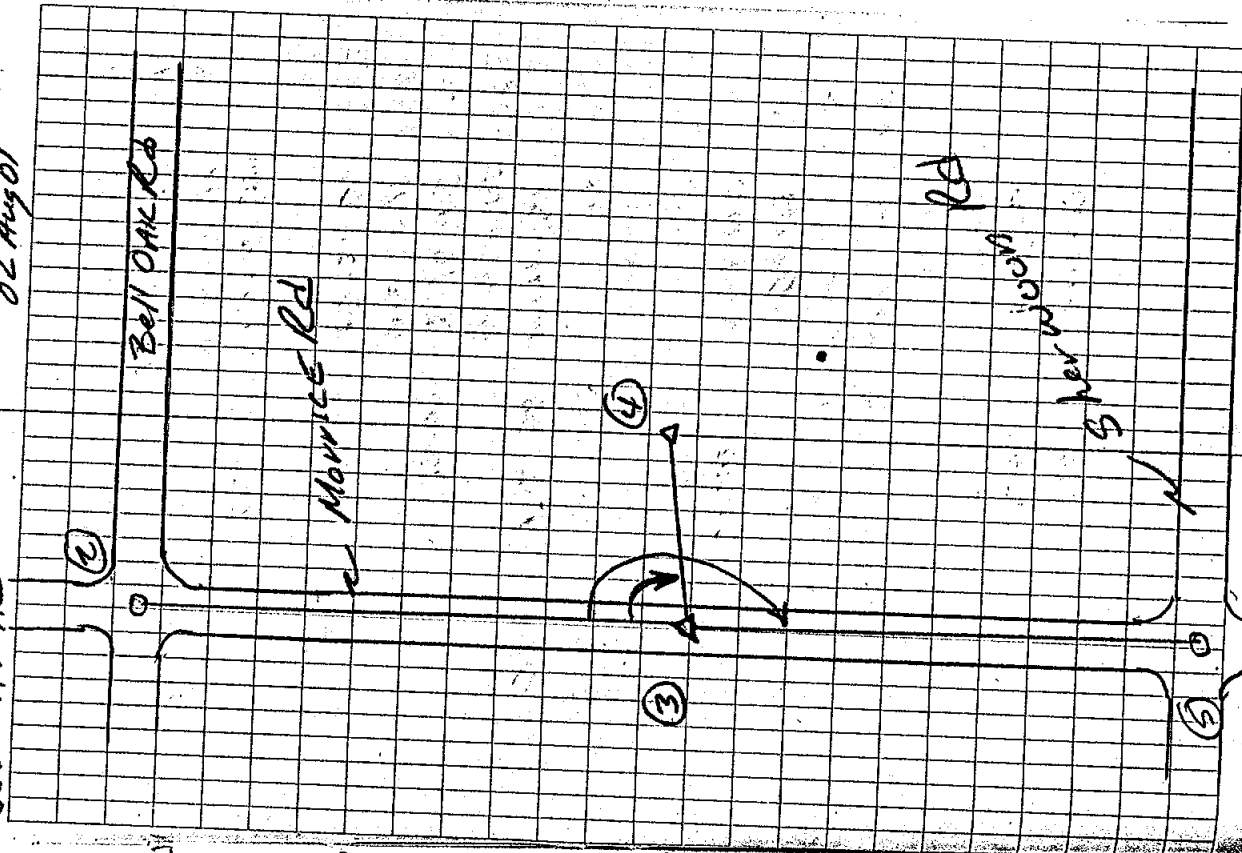
02 Aug 01

T 102-43-03
 BS 102-43-02
 FS 102-44-04 (R.P. Ser 12" Spk (Temp)
 in 2 Track in Corn field
 FS 102-44-05 (K-9 Corps Mon 5' Alc Sec
 100' 40)

BS 000-00-20
 40 90-48-09 90-48-49
 50 180-01-33 180-01-13
 BS 180-00-12
 4R 270-44-03 90-48-51 90-48-50
 5R 000-01-23 180-01-20 180-01-165

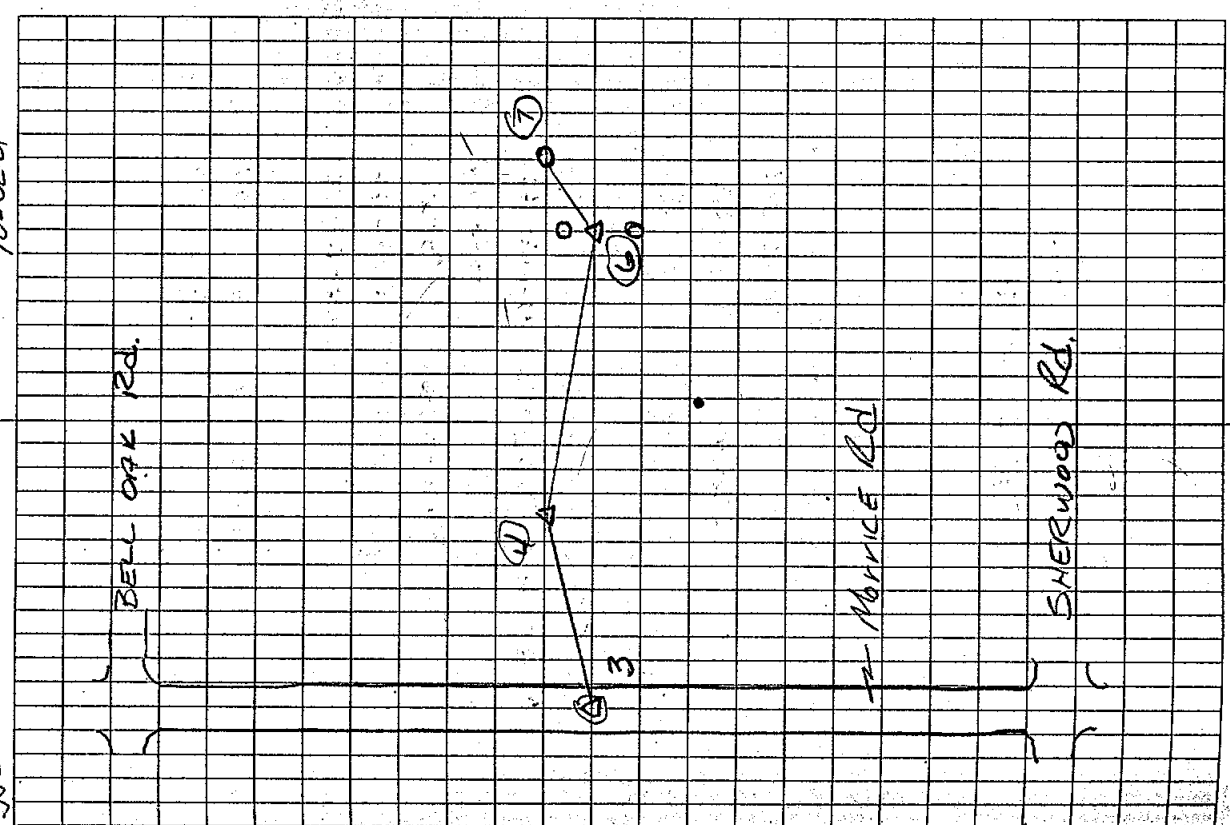
BS 60-20-30
 40 151-09-22 90-48-52
 50 240-21-43 180-01-13
 BS 240-20-20
 4R 331-09-16 90-48-56 90-48-52
 RR 60-21-23 180-01-03 180-01-08 180-01-12

Dist To BS
 2632.98 FS 442.97
 2632.99 FS 442.97



DL 7750 45
 NL T NIK 10-02-01

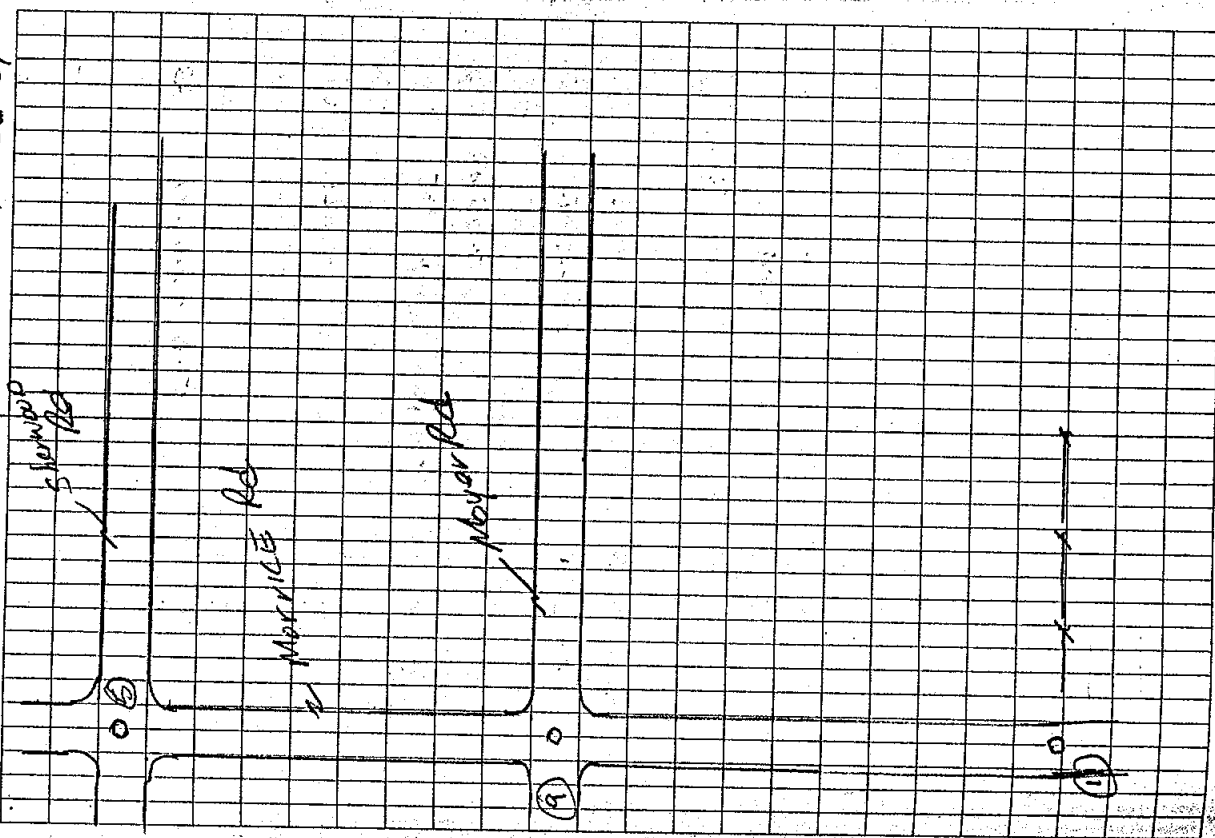
HS				LO-2
T	102-44-04			
BS	102-43-03			
FS	102-45-06	(R.R. SET 12' SPK (Kemp) BINDER CPOD H. FROM		
BS _D	000-00-20			
O	185-22-56	185-22-36		
BS _R	180-00-03			
R	5-22-58	185-22-47	185-22-41.5	
BS _O	60-20-30			
O	245-43-06	185-22-36		
BS _R	240-20-19			
R	65-43-00	185-22-41	85-22-385	185-22-40
Disto	BS			
	442.95	2059.56		
	442.95	2059.56		
T		06		
BS		04		
FS	102-45-07	(4.8' Fd. 1/2" Bar	See pg 46	
BS _D	000-00-20			
D	147-09-48	147-09-20		
BS _R	180-00-17			
R	327-09-20	147-09-03	147-09-155	
Disto	BS ₄	FS ₇		
	2059.57	201.68		
	2059.56	201.69		



47

DLC
SWS

10-20-01



247

K

9

58

b

~~CH-77-01-LH-207-52~~

FS 102-47-11 (K-11 500 pg 35

35. 000-00-20

104

110 179-31-19

110 179-31-19 179-30-59 ✓

352 180-00-36

~~201~~

112 359-31-36

112	359-31-36	179-31-00	179-30-59.5
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350 60-20-50

097

110	239-51-29
-----	-----------

110	239-51-29	179-30-59
-----	-----------	-----------

34-02-042	25
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 $\frac{1}{2}$

11R	59-51-47
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59-51-47	177-31-04	79-31-1.5	79-31-01.5
59-51-47	177-31-04	79-31-1.5	79-31-01.5

Dist To

135

✓

57

57.5297

7675.00

7625.74

2625.90

48

$$\frac{\infty}{K}$$

BS 5

F3	102-48-10	RP 32 1/2	63 C.N.	ENG
		Shenwood on	E. Wall line	
				1035 H 5301

0350 000-00-20

✓ 00-04-81 02-04-81 491

B52 180-00-33

107 358-40-42 118-40-09 178-40-45

BSD 74 60-20-30

109 239-00-38

240-20-45

102 59-00-52 178-40-07 178-40-7.5 178-40-00

Dist 10

855

FS₁₀

7697.10 ✓

✓
56794

2697.10

567.94

SWN
270

۸۶

10-90-01

2

107

13

Polymers

10

日

8

1

78-40-06

Dist 10

35

FS

2697, 10 ✓

✓
56295

2697.10

562.94

49

T

BS

FS

BS P

120

BS R

120

BS P

120

BS R

0.57

BS

562.93

562.93

10

B

102-49-12

000-00-20

181-03-39

180-00-31

1-03-54

60-20-30

24-23-42

240-20-38

01-23-51

BS

562.93

562.93

14-93

000-00-20

181-03-39

180-00-31

1-03-54

60-20-30

24-23-42

240-20-38

01-23-51

BS

562.93

562.93

14-93

000-00-20

181-03-39

180-00-31

1-03-54

60-20-30

24-23-42

240-20-38

01-23-51

BS

562.93

562.93

DL

SUN

T NIK

6 Oct 01

49

Sherwood Rd

10

12

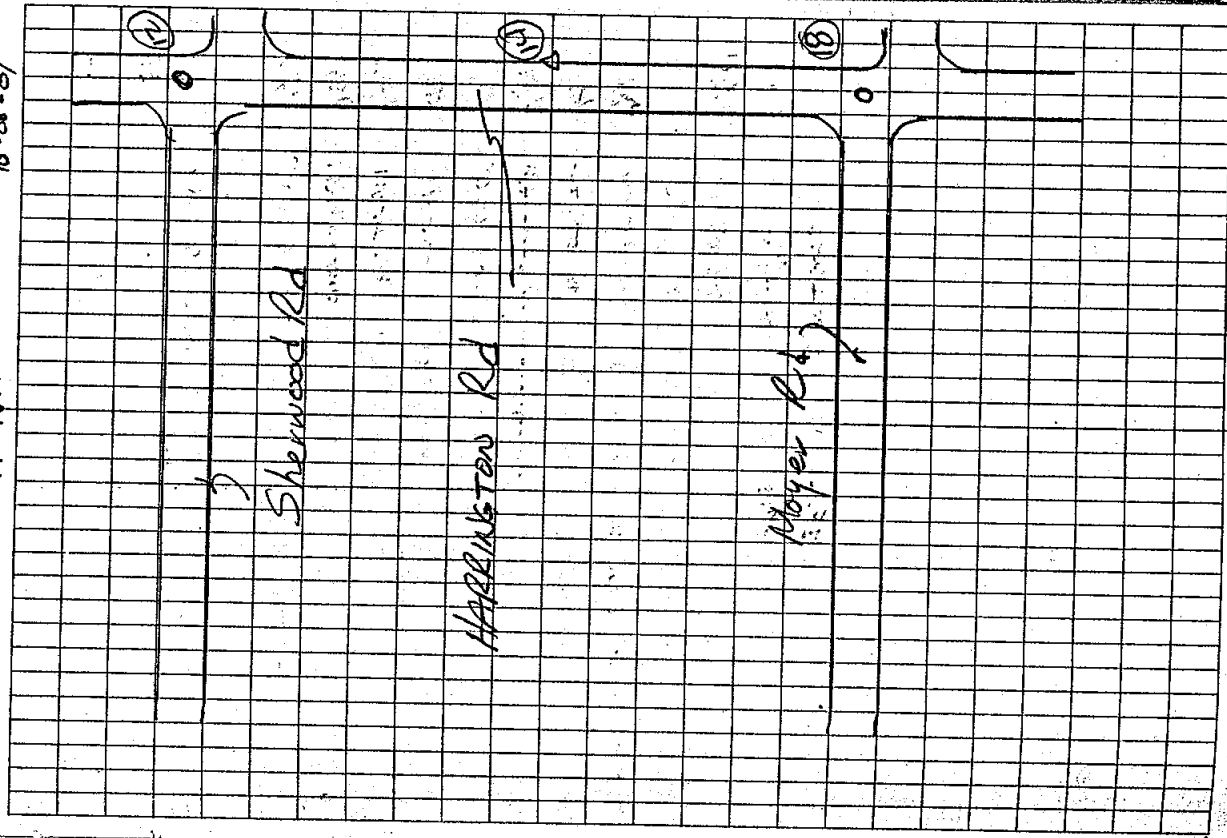
Hagerman Rd

DLC
SWW

T 45
T NIK

51
10-08-01

51					
T	14				
BS	12				
FS	602-51-18	(M-10)	See Pg 41		
BSN	000-00-20				
180	181-10-40	181-10-20 ✓			
BSR	180-00-25				
18R	1-11-02	181-10-37	181-10-28 ✓		
BSO	00-20-30				
180	241-30-59	181-10-29 ✓			
BSR	240-20-41				
18R	61-3-12	181-10-31	181-10-30	181-10-29 ✓	
D&T	BS 12	FS 8			
	1664.63 ✓	968.34			
	1664.62	968.33 ✓			



DLK T50° 10-06-01

LO-2

52

18

14

LO2-52-19 / RP SET 1/2" B+C 4" O.F. HERRINGTON RD ON N. WALL LINE #4155

LO2-52-20 (A-10) END PCH PIPE

LO2-52-21 / L¹⁰ See Pg 42

BSO 000-00-20

190 178-26-04 178-25-44 ✓

200 180-01-49 180-01-29 ✓

210 272-48-57 272-48-37 ✓

BSR 180-00-34

19R 358-26-7 178-25-43 ✓ 178-25-435 ✓

20R 000-10-11 180-09-37 180-09-33 ✓

21R 92-49-13 272-48-39 ✓ 272-48-38 ✓

BSO 200-20-30

190 238-46-03 178-25-33 ✓

210 333-01-02 272-48-32

BSR 240-20-37

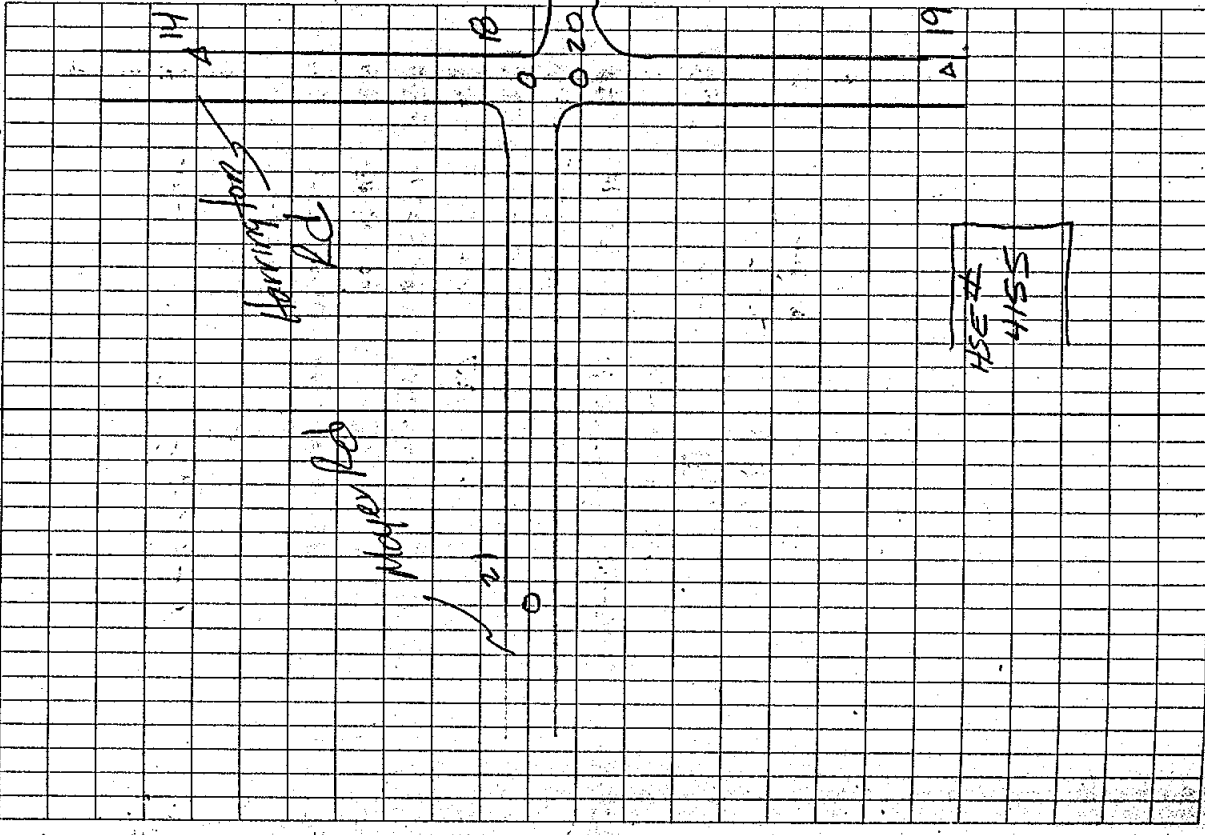
19R 58-46-21 178-25-44 178-25-385 178-25-44 ✓

21R 153-09-10 272-48-33 272-48-325 272-48-35

DIST 1/2 BS 14 BS 19 FS 20 FS 21

968.33 915.50 73.24 2709.6A

968.33 915.50 73.25 2709.68



53

T

BS

FS

102-53-22/M-1 See pg 24

BS

ZZ

BS

ZZ

BS

ZZ

BS

ZZ

Dist

BS

915.49

915.49

FS

1736.42

1736.45

19

18

000-00-20

181-30-24

180-00-34

1-30-40

00-20-30

241-50-33

240-20-44

61-50-47

181-30-03

181-30-03

181-30-03

181-30-03

181-30-03

181-30-03

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181-30-03

181-30-03

181-30-03

181-30-03

181-30-03

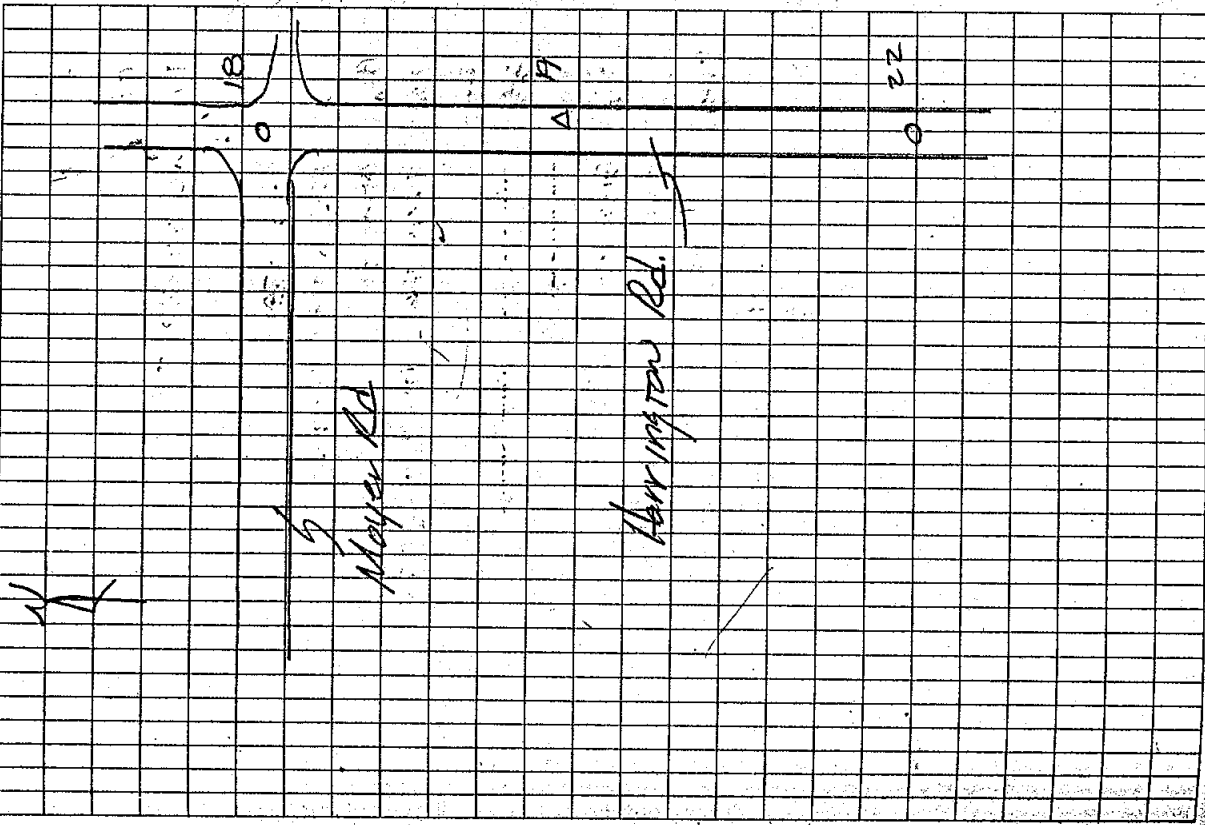
181-30-03

181-30-03

DLC
SNN

53

10-06-01



54

L.O-2

DLC
SWN

54
10-06-24
X NIK

X 13

BS 12

FS 102-54-23 (H.M.-7)

-247

-257

BS 000-00-20

230 179-54-54 179-54-34 L

~~240~~

~~250~~

BS 80-00-41

230 359-55-02 179-54-21 179-54-27.5

~~240~~

~~250~~

BS 60-20-30

230 240-15-08 179-54-38

BS 240-20-52

230 60-15-22 179-54-30 179-54-34 179-54-37.5

Dist 10

BS 23

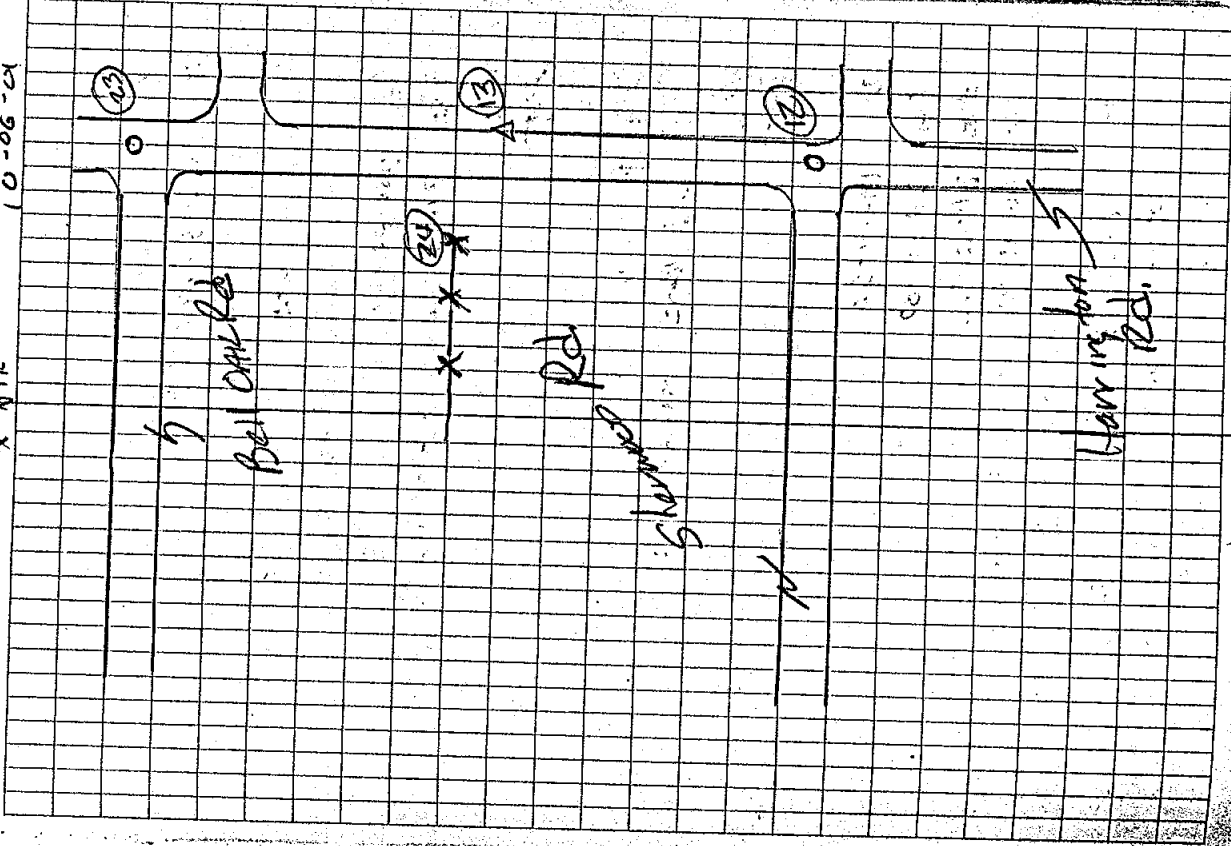
2454.65

2454.66

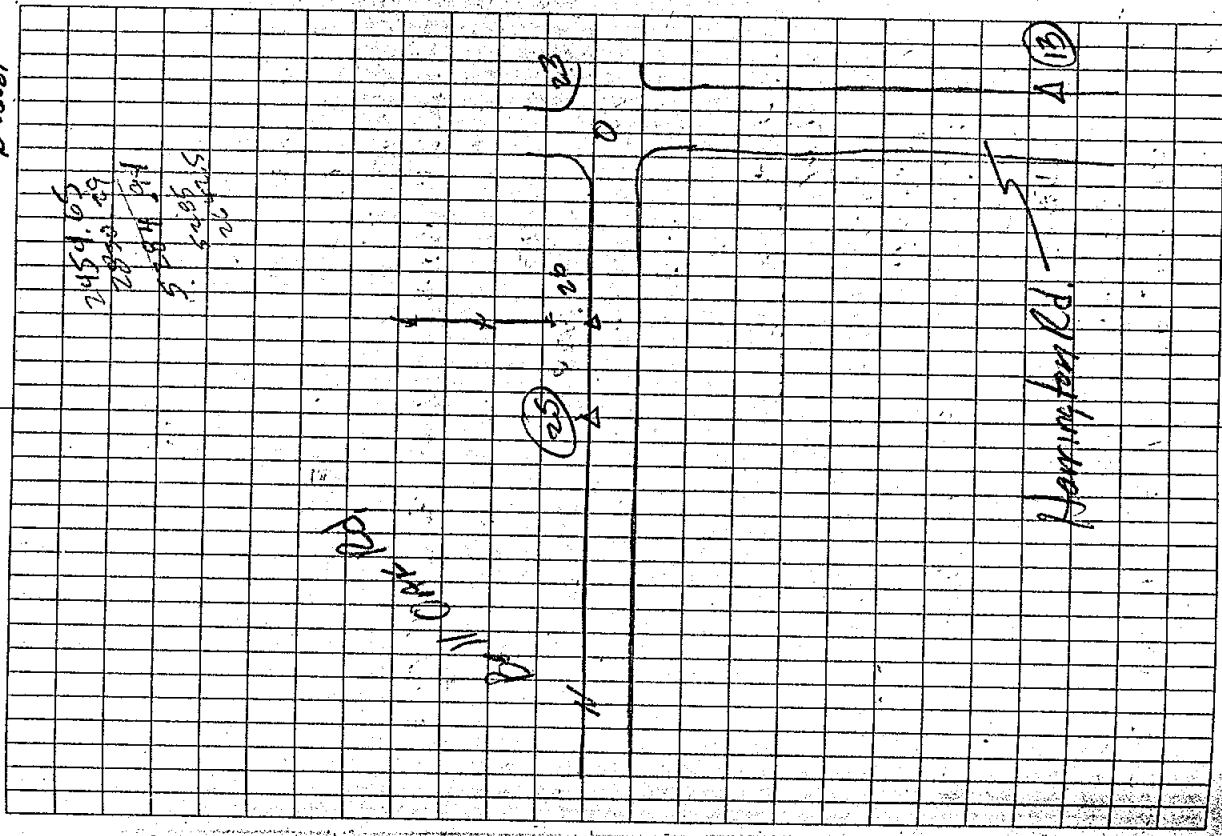
FS 23

2830.29

2830.28



DL SWN TMD T450 55
 10-01



SS				102
T	13			
BS	12			
FS	402-55-24	Fnc line		
BS	000-00-20			
24	127-26-12	127-25-52	✓	
BS	180-00-30			
24	307-26-25	127-25-55	✓	127-25-53.5
Dist	FS27			
	315.28			
	315.27			
T	23			
BS	13			
FS	102-55-25	(20' RECON. V. 11.010 2' N. of N. 50M. # BEU DAK RD. on E. Wall Line H.F. 26 1906		
BS	000-00-20			
25	94-11-57	94-11-37	✓	
BS	180-00-35			
25	274-12-11	94-11-36	✓	94-11-36.5
BS	60-20-30			
25	154-32-02	94-11-32	✓	
BS	240-20-38			
25	334-32-15	94-11-37	✓	94-11-37.5
Dist	BS13	FS25		FS26
	2830.29	1562.03		1383.37
	2830.74	1562.02		

M-7

WH Raynor's Personal Notes:
SE Cor. HSE N33 $\frac{1}{2}$ W 114 (75.2')

B. Field Investigation at the
apparent location of corner
revealed a $\frac{1}{2}$ " Bar & Illegible

CAP 3' West of E Harrington
Rd & 3' North of E Bell Oak
Rd. To West. Raynor's Hse

WITNESS TO N.W. IS STILL

There & Measures 76.3' E-W

4" Diameter Hole 3' Deep

Centered on Bar & Found No

Further EVIDENCE of Corner.

Accepted Bar as perpetuation of

of Corner and replaced it with

STANDARD Bar & Cap.

C. 3/4" x 24" Steel Bar & 2 1/4" Alum Cap.

N4T (White Eng.) S. Side Util. Pole N60E 40.58

TOP CENTER S.E. END 18" CMP S30E 76.90

N4T (White Eng.) SE Side Util. Pole S25W 30.30

N4T 25837 East Side 24" Maple N30W 33.70

S.E. Cor. FDN Hse # 24.95' N33W 76.3

LU-2

JLC

JIL

T400

17 OCT 01

M-8 M-3
17 13
BS 23 RS 000-00-00
FS 102-56-23 (Set 3/4" BSC on fence
line to west on SHAW
Rd. D.I.T. in East Edge line
23 359-23.09 182.80 Harrington Rd
B. Field investigation at apparent location
of corner revealed ~~with~~ no indication
of anything mentioned in part A except
fence from west which is 2655'
South of M-7 lot 2648' P3 Gatelocks
Survey Says it is. Called this a lost-
corner and set STANDARD Bar & Cap.
Midway & Online Between M-7 & M-9.
This Position Places Monumentation found
at Center of Section 0.3' North of 1/2" line.
Measured North 2642.47 to M-7 South 2642.47 to
C. 3/4" x 24" Steel Bar & 2 1/4" Alum Cap. M-9, WEST RESECTION
N4T 25837 W Side Power Pole S19E 150.43
N4T 25837 E Side 14" Oak S18W 219.54
N4T 25837 E Side 36" Maple N10W 245.44
N4T 25837 S Side 4" Maple S80W 44.59

57

M-4

B. Field Investigation of apparent location of corner revealed a Bar & Illegible Cap. 3' East of & Herrington Rd. & 3' North of & Sherwood Rd. Excavation at this site proved futile in 1979. Did NOT excavate at this time. Accepted Bar as perpetuation of corner after traverse of section ~~pro~~ showed iron to be in very good proportion of measure to County Survey or distances. Replaced Iron with STANDARD Bar & Cap.

C. 3 1/4" X 24" Steel Bar & 3/4" Alum Cap

N 51° 25' 37" West Side Util. Pole N 15° E 110.5'

Top Center East End 18" CPP S 10° E 93.6'

600 Spike North Side Top 14" Maple S 60° W 113.8'

N 51° 25' 37" South Side 36" ASH N 70° W 101.4'

"T" Iron (49 T 40 R 3 E) South 63.76'

M-8

B. Field Investigation of apparent location of corner revealed a 1/2" Bar & Moped T Axl at ancient Fence corner. Corner face 'North & of Intersection 1/4 Lines. Accepted Above Mentioned Monument to Tion & A Replaced 1/2" Bar with STANDARD Bar & Cap.

N 51° 25' 37" South Side 14" ASH N 78° E 26.23'

600 Spike N. Side 19" Hick N 75° E 7.25'

600 Spike S. Side 7" Hick S 40° E 16.90'

N 51° 25' 37" West Side 8" Oak S 40° W 20.30'

600 Spike North Side 18" Oak N 60° W 19.48'

K-B

B. Field Investigation at Apparent location of corner revealed a Boat Spike on E. Morris A.D. 7' North South of Occupation line To East. Traverse of section revealed that Boat Spike was 7' South of Midpoint. EXCAVATED 18" DIAMETER Hole at Boat spike Found Nothings EXCAVATED 3' Diameter hole at midpoint. Found Stone & Chockery 3' Deep. Accepted Above mentioned Monumentation as perpetuation of Corner and Set Standard Bar & Cap Above stone in Mon Bar
 C. $3\frac{1}{4}$ " x 24" Steel Bar & $2\frac{1}{4}$ " Alum. Cap. EX
 Top Corner North End 12" CHM N35°E 38.20
 Pair of Large Stone 575°E 22.20
 Boat Spike 55°E 6.80
 WHITE ENGL. TAG 15.50° Util Pole N85°W SB.32

17 Oct 01

M-G

B. In April of 2001 this Surveyor searched at apparent location of Corner and failed to find The $\frac{1}{2}$ " x 3" Bar recorded by R. Helzel as The Corner. Retained R. Helzel's Survey to find position and excavated 4" Dia. Hole 3' Deep and found large pointed stone beneath reestablished point. Also found large blue Stone & pieces of iron. Set h at location of A-6 T40 N3E Accepted Foundation as perpetuation of corner and Set $3\frac{1}{4}$ " x 24" Rubber & Cap in place. Returned on Oct 17 2001 & Capped With 5 Standard Cap.

22c

 $\pi_{v,k-SDR}$

31. Oct 01

2-0-2

T	3367-	30-23	1 3/4" B & C #	25837
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BS	3367-29-17	1 Recov. $1\frac{1}{2}$ " BSC
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CS	102-59-143	INT SECTION 1/4 Lines Set 3/4 BS
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35	000-00-00
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309-07-07

Dist To	FS
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18.35	ft.
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Topo Pk. 10210 - 1029 Witness Dist.

True CENTER Section 6

Sec $\frac{3}{4}$ " x 24" STEEL	Bar $\frac{1}{4}$ " Alum. Cap.
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STAMPED Ingham County PA 345 PS 25037

47 25837 S. side 9" thick. 575°E 50.98

16	"	N.	7" Bwd.	S 65° E	36.40
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"	S "	7" Hick	S 2° E	2492
"	"	"	"	

"	"	9" Poplar	S 34 E	13.30
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3/4" Bar	2 1/4"	Alum Cap.	S 53°E	18.38
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DL
SWN

T650

25 OCT 01

18

18

ESE 2001 CONTRACT 11 Oct 01 L03
L-7
B. Field Investigation at This Corner
REVEALED AN AXLE SHAFt on CENTERLINE
BELL OAK RD. on Occupation line
TO NORTH. AS Axl Use has been
TO THIS Axl Accepted IT AS corner
DROVE AXLE DOWN BELOW SURFACE
WITH JACK Hammer, Capped
17' SET Mon Box
C. 3/4" Axle Shaft WITH 2 1/4" Alum. Lg.
NST 25037 W. Side 19" Maple N52° 136.60
NST 25037 W. Side 17 1/2" Pole N50° 155.60
Cut + IN N. END COR. HOWELL N52° 20.65
Cut + IN W. END 12" CMP N200 21.20

K-5

B. Field Investigation at APPAROX
LOCATION of corner revealed a 1/2"
Bar of 2 - 4 INTERSECTION MARINE
AND HOSLEY Rds. DISTANCE along
SECTION line TO WEST INDICATE CORNER
SHOULD BE ABOUT 5' WEST BASED
ON McCREARY'S 1899 Survey. SEARCHED
WITH magnetic locator and got
good reading about 5' WEST.
EXCAVATED 2' DIAMETER HOLE 3' DEEP
FOUND 1" GAS PIPE as called for BY
McCREARY. Accepted GAS PIPE as
PERMUTATION of CORNER & RANGED
TO SURFACE WITH STANDARD BAR SHAP
C. 3/4" X 24" Steel Bar WITH 2 1/4" Alum Cap etc
N. W. Corner CONC. FORCE POST 55° 4572
N. STEPHENS W. Side 36' WALNUT 168° 192.27
N. 25032 N. Side CORNER FORCE POST 230° 50.62
N. 25037 S. Side 26" Maple 293° 105.02
1/2" BAR (Recorded location of Corner) 114° 44.00'