

MERIDIAN
LINE

† SECTION
CORNER

Book #7

MERIDIAN LINE & SECTION CORNER #7

10/21/82

SCOTT
ROSS

TION, RIW

$\frac{1}{4}$

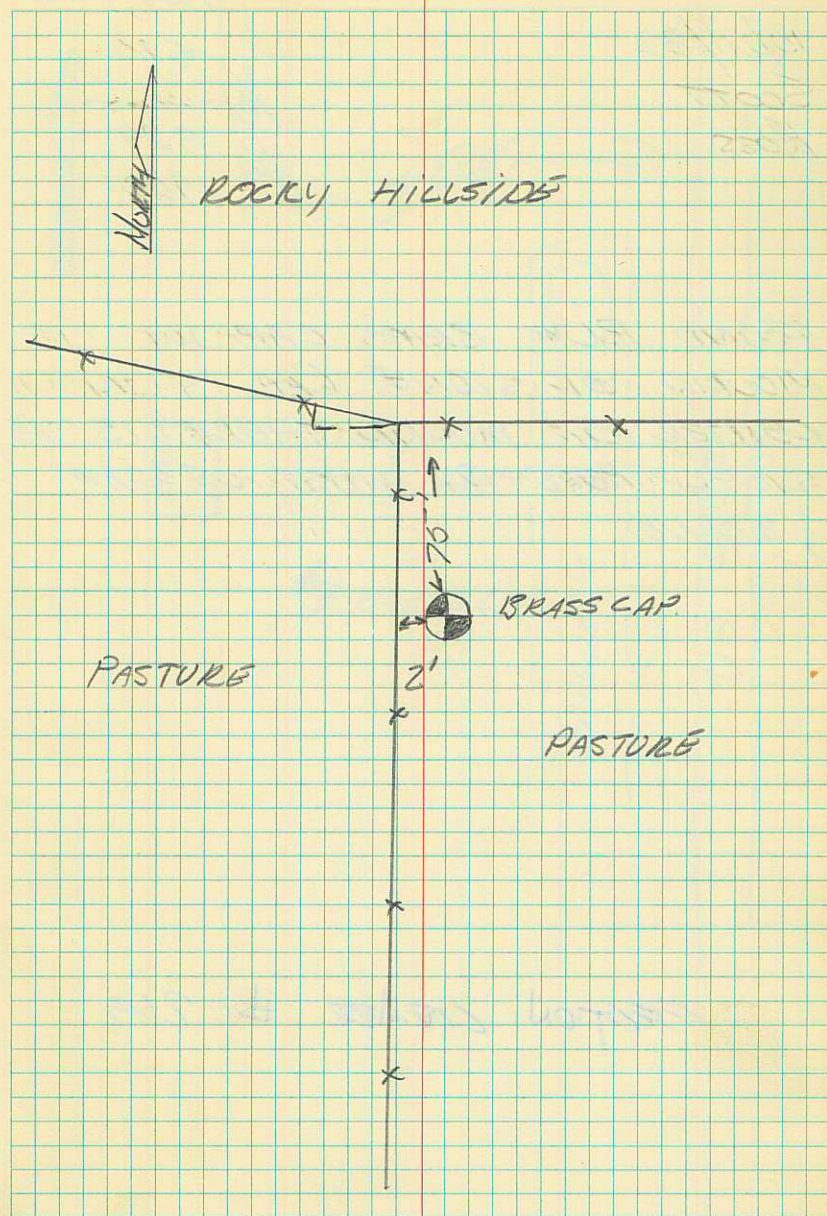
529-528

1981

FOUND BLM CAP IN MOUND OF
ROCK, WITH SILT FROM FLOODING
COVER CAP $\frac{1}{8}$ STONES. CAP IS
IN CENTER OF MOUND

CAP IS ALONG FNC LINE ON
EAST SIDE.

SECTION CORNER # 268



Ross

520

1/21

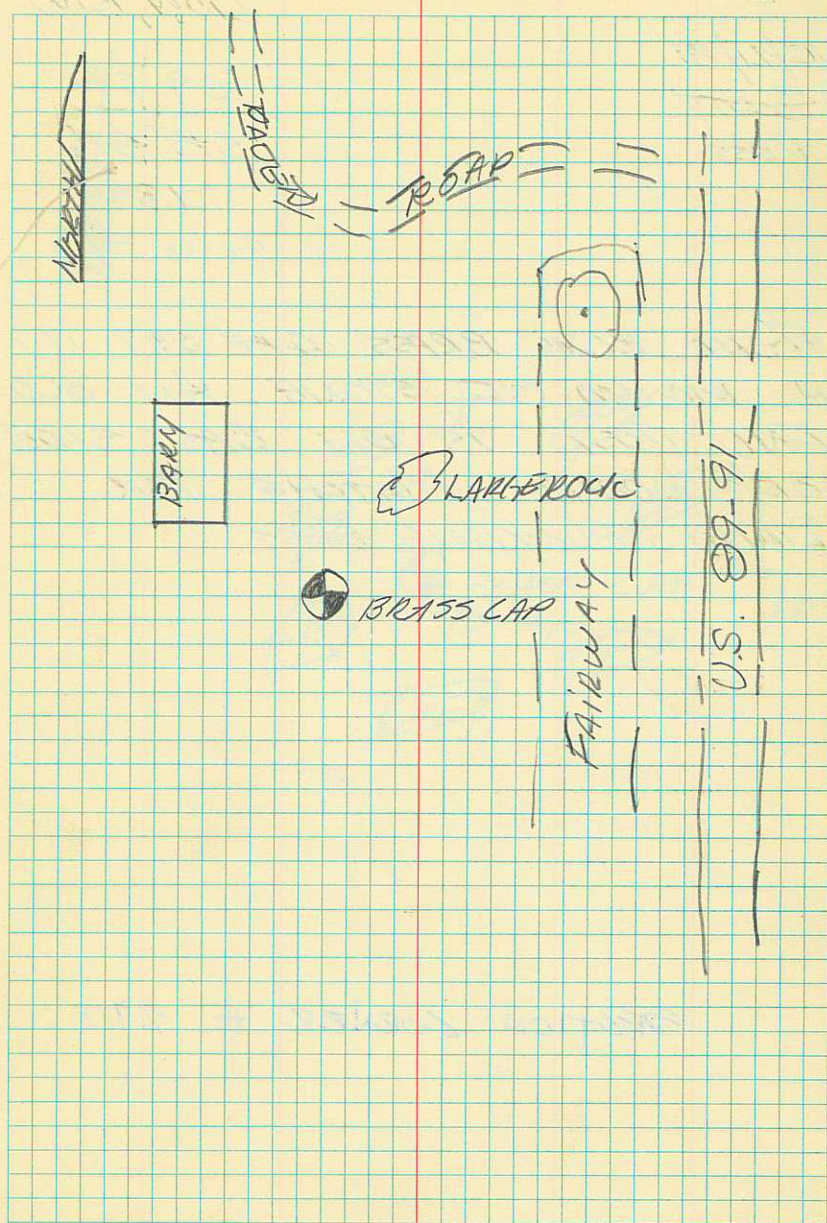
529

1968

FOUND BLM BRASS CAP IN
MOUND OF STONE. CAP IS IN
CENTER OF MOUND. THERE IS A
STEEL POST 2' WEST OF CAP
1/3 MOUND.

CORRECTION CORNER # 269

2



10/21/81

SCOTT

ROSS

TION, RIW

59 510

515 516

1981

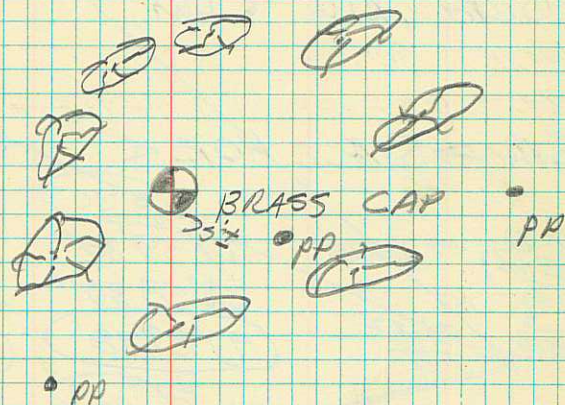
516 515

FOUND BLM BRASS CAP SET IN
A MOUND OF STONE. AN OLD
FNC POST IS ON EAST SIDE
OF MOUND. MATCHED FNC
LINE RUNNING EAST.

SECTION CORNER # 270

3

NORTH



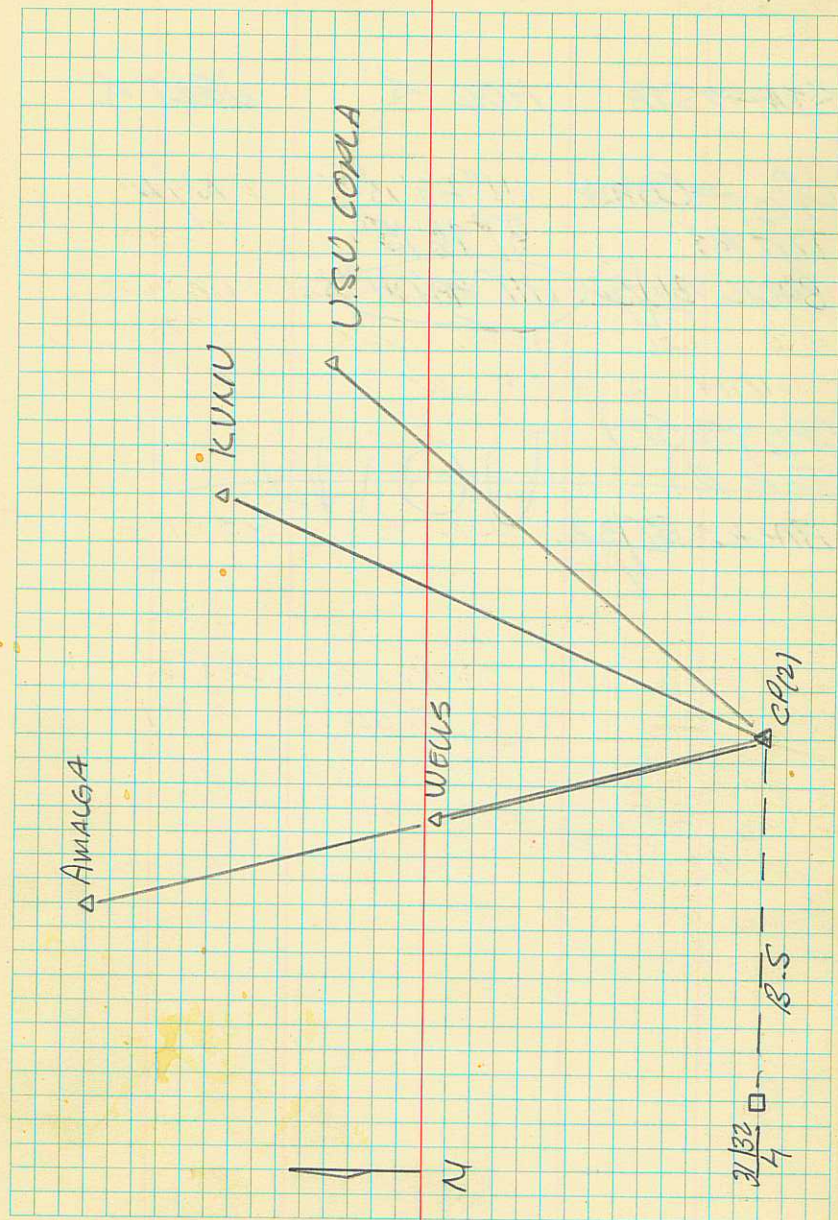
11/3/82

SCOTT

ROSS

TRI & SHOT FR MT PISGUM
TO TIE WELLS, TS; AMAIGA CHOESE,
TS; KUNU, T.S. AND U.S. COPLA, TS,
BS IS SECTION CORN. 31/32 T9, NO
NORTH, RIW. 5.4M. 4

STA → STA	HOR <	VERT <
	8'50"	
CP(2) → WELLS	97°59'30"	94°11'00"
INT RT.	31°58'30"	265°35'00"
BACK 31/32 4	97°59'38"	94°11'00"
	05"	
CP(2) → AMAIGA	93°08'30"	N/A.
INT RT.	12°35'00"	
BACK 31/32 4	93°08'45"	
CP(2) → KUNU	105°41'00"	N/A
INT RT.	62°44'15"	
BACK 31/32 4	105°41'04"	



STA → STA HOR & VERT &

CP(2) → COPLA 111° 49' 15" N/A
INT RT 87° 16' 15"
BACK 31/32 111° 49' 04"
4

CP(2) → SPY
INT RT VOID
BACK 31/32
4

11/4/82
SCOTT
ROSS

T13N
516
1/4 521
R1E

NO PHYSICAL EVIDENCE OF
ORIGINAL POST OR ANY SOLID
EVIDENCE TO RESTORE THIS
CORN. COULD BE FOUND. PROP.
DISCUSSIONS OF THIS AREA
DO NOT MATCH OCCUPATION
FENCE'S.

THIS CORN. WAS THEREFORE
PORTIONED FROM THE NE,
1/4 NW. CORNERS. (SEE BOOK
6). SET A 3 1/2" ALUM CAP ON
18" STEEL PIPES, 36" BELOW
GROUND.

SET RP3

8

R.P.(1)

89.45 S.D.

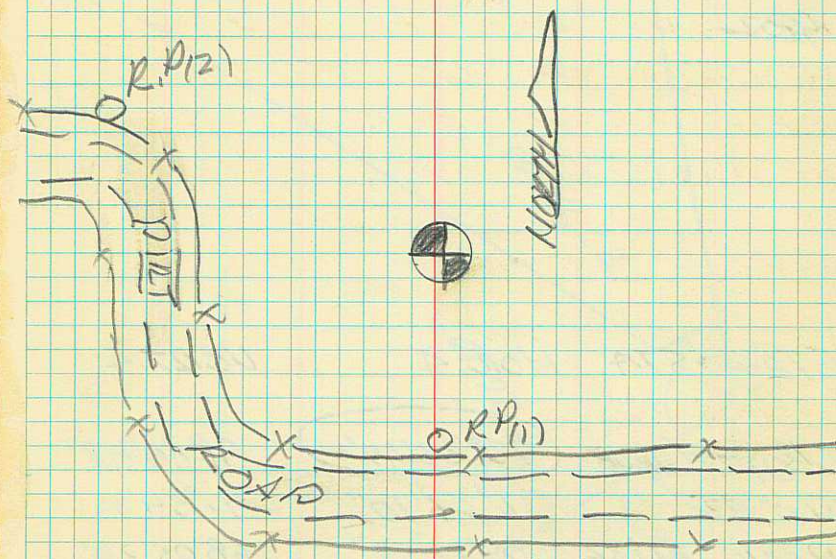
R.P.(2)

103.10 S.D.

SECTION CORNER # 271

6

NOTE: R.P. ARE 1 1/2" ALUM CAPS.
ON 5/8" X 36" REBAR. R.P.(1) IS 6"
ABOVE GROUND. R.P.(2) IS 12" ABOVE
GROUND. BOTH ARE IN THE
FENCE LINES.

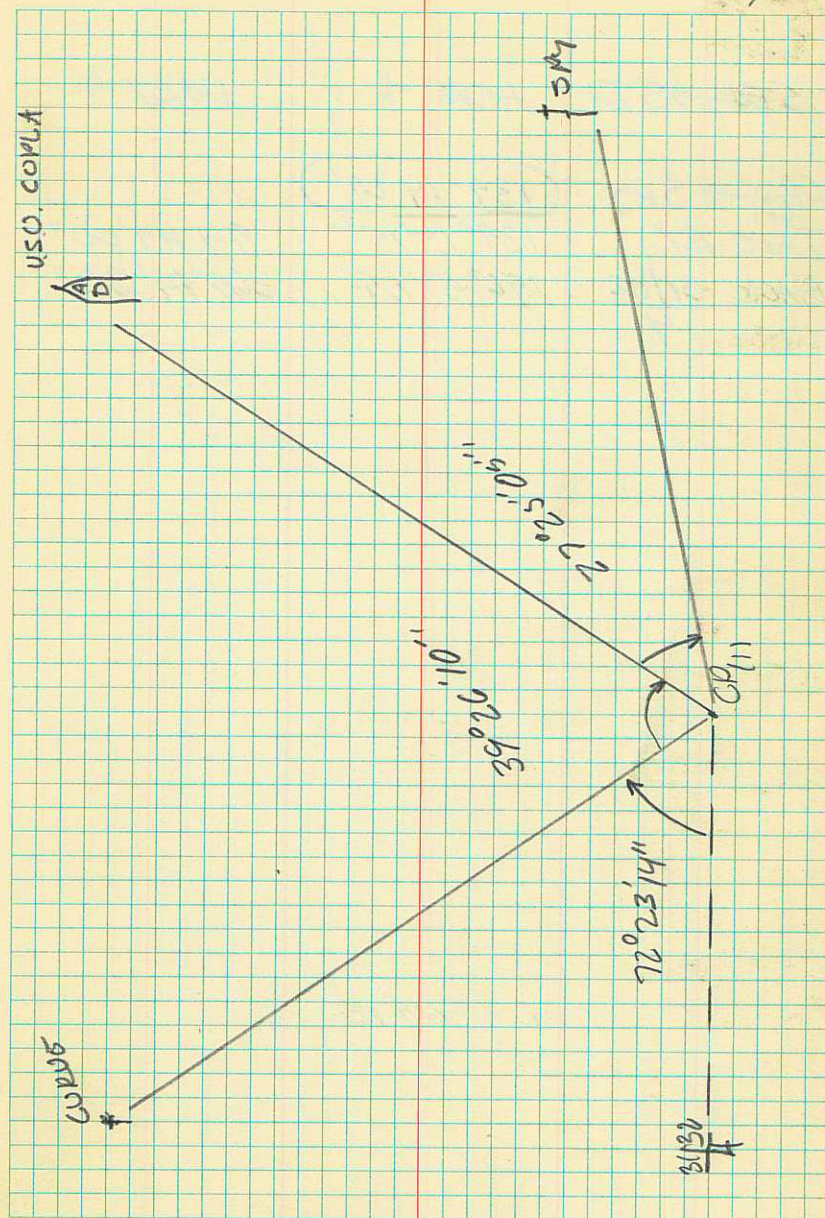


11/5/80
SCOTT
ROSS

THREE POINT RESET.

GUN SET ON CP11 DRY LAKE SURVEY
1982

STA → STA	HOR &	VERT &
CP11 → CURVE	72° 23' 14"	91° 54' 43"
INT RT	72° 23' 10"	91° 54' 33"
BACK $\frac{31/32}{4}$	289° 32' 55"	268° 05' 30"
CP11 → USU	111° 49' 24"	N/A
INT RT	111° 49' 15"	
BACK $\frac{31/32}{4}$	87° 17' 45"	



STA → STA

HOR ∇

VERT ∇

CP₍₂₎ → SPY

139° 14' 29"

INT RT

139° 14' 15"

94' 49' 00"

BACK 31/32

196° 57' 55"

265° 14' 30"

4

11/5/82

SCOTT

ROSS

TRON, R/W

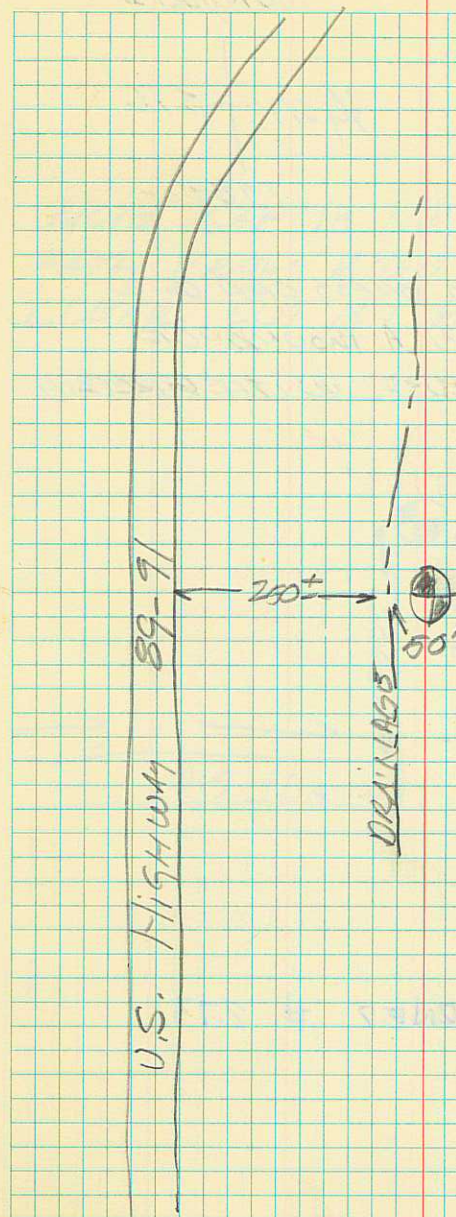
$\frac{1}{4} \frac{517}{520}$

1981

FOUND A 2" BLM BRASS CAP ON
A STEEL PIPE SET IN A SMALL
MOUND OF STONE, CAP IS ABOUT
6" ABOVE GROUND

SECTION CORNER # 272

9



11/5/82

SCOTT

ROSS

TION, RIW

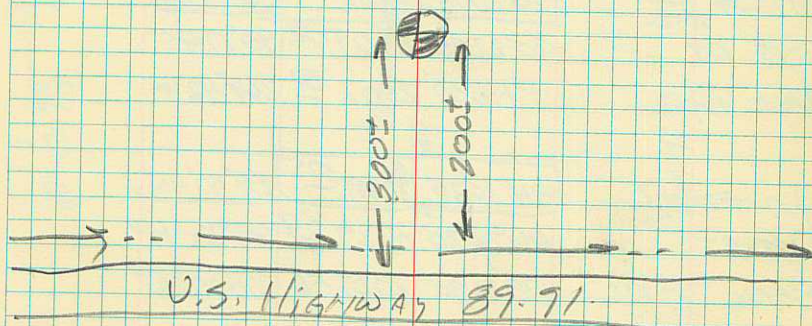
1/4 5N + 51E
1981

FOUND A 3" BLM BRASS CAP ON A
STEEL PIPE SET IN A MOUND OF
STONES. CAP IS FLUSH WITH GROUND.

SECTION CORNER # 273

10

NOTE: CAP IS IN TREES, BUT
PATH FROM ROAD TO CAP IS
CLEAR CUT BY BLM.



11/8/82

SCOTT

ROSS

SMITHFIELD - ANNALISA

(CONTINUED)

TRAVELERS TO FINISH SETTINGS

CORNER FR. SURVEY IN BOOK

— 105 —

STA → STA HORZ DIST VERT

18/17 → 18/17
17/20

INT RT

BACK 17/16

90°27'13" 2607.815 90°17'30"

90°27'05" 2607.82 90°17'45"

104°8'50" 2607.81 269°42'45"

18/17 → 17/20

INT RT

BACK 17/16

44°36'38" 3729.525 89°50'45"

44°36'30" 3729.59 89°50'45"

178°26'30" 3729.56 270°09'15"

18/17 → H/T 11)

INT RT

BACK 17/16

90°32'34" 5135.775 90°09'08"

90°32'15" 5135.78 90°09'05"

2°10'15" 5135.77 269°50'50"

18/17 → H/T 12)

INT RT

BACK 17/16

73°07'11" 8851.875 89°54'15"

73°06'55" 8851.89 89°54'15"

292°28'45" 8851.90 270°05'45"

18/17 → QUANTER CORN

17/20
+
AUM CAP18/17
+
AUM CAP

H/T

H/T

11

ROSS
SCOTT

NOV. 9 1988
COOL 40° F.

pp -12-

T12N12W

525
530

WE RESET 1/4 COR MONUMENT
T. 12 N. R. 2 W. T. 12 N.
UNEARDED BY THE COUNTY
ROAD DEP. WHILE THEY WERE
DRAGGING THE ROAD.
WE RESET NEW RP'S
BECAUSE THE OLD ONES
WERENT AROUND ANYMORE

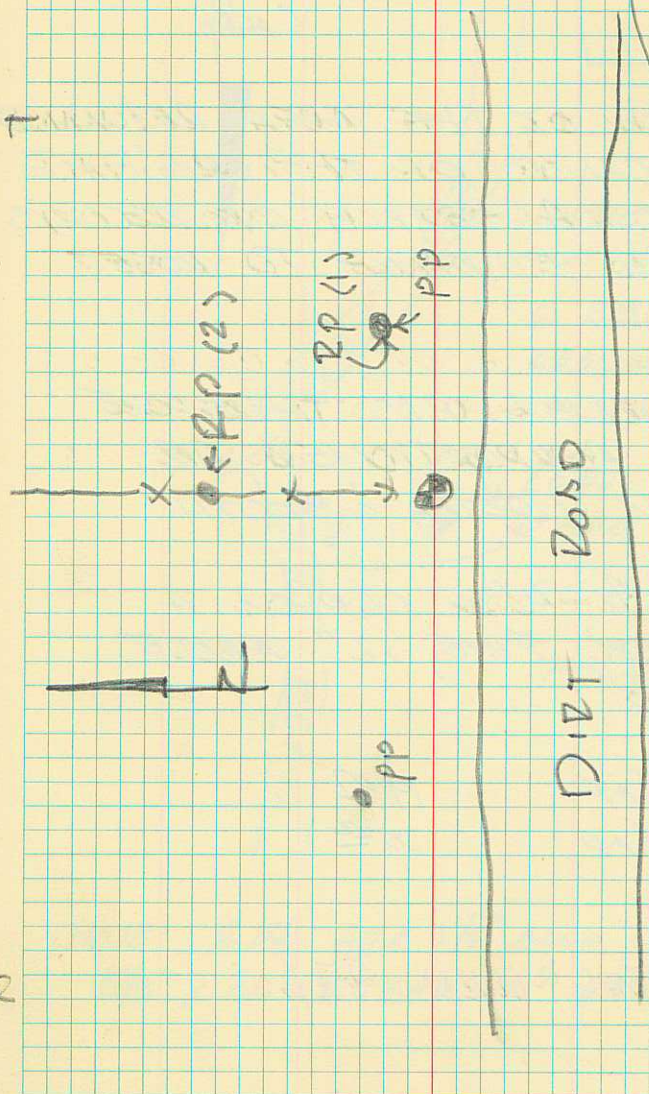
RP (1) - CDP 12⁶⁵

RP (2) - CDP 55⁷⁸

SECTION CORNER # 274

RP (1) ELDSHER IN P.P.

RP (2) ALUM. CDP ON 36" PEBBLE
IN FENCE LINE TO NORTH



11/9/82

SCOTT

ROSS

COOL 40°

CLOUDY-RAIN

CALM.

A SEARCH OF THE AREA RETURNED
NO EVIDENCE OF THE ORIGINAL
CORNER. A SEARCH OF RECORDS
GAVE NO EVIDENCE TO RESET
CORNER.

THE CORNER WAS THEREFORE
SINGLE PORTIONED FOR
CORNERS NORTH & SOUTH

SET A 3 1/2" ALUM CAP ON A
36" STEEL PIPE, 12" ABOVE
GROUND

RD₁ → CAP

19.02

RD₍₂₎ → CAP

38.22

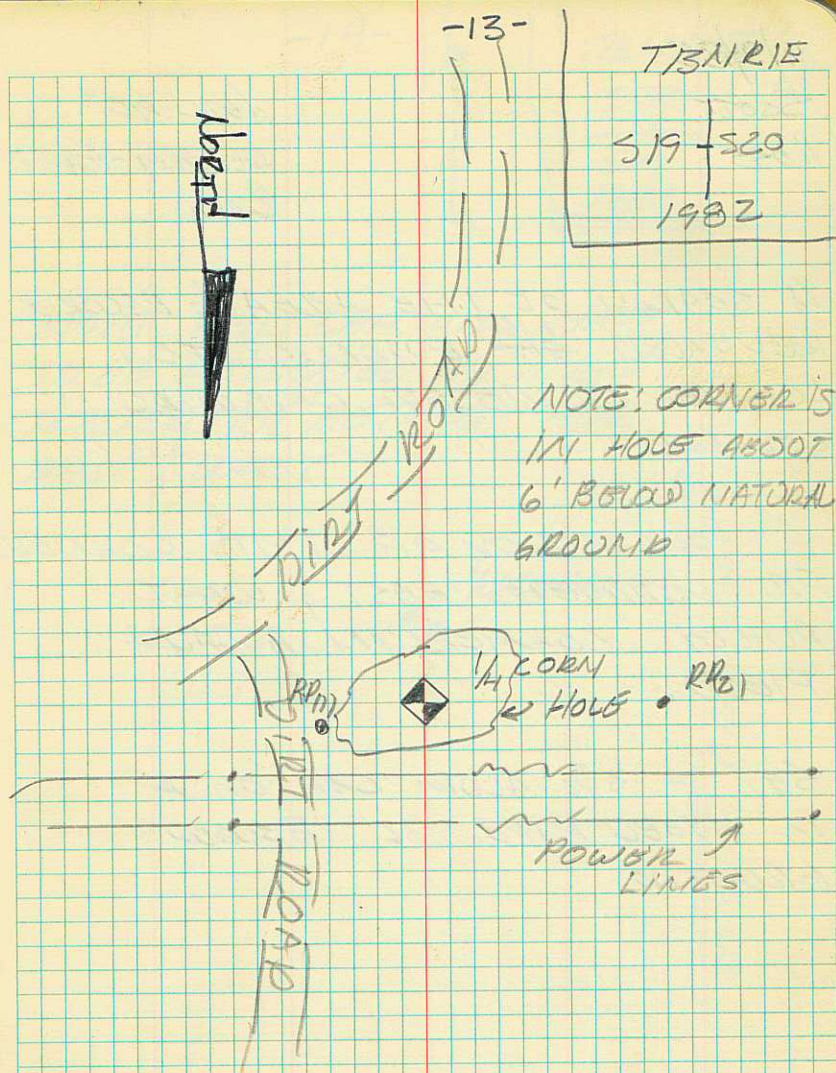
SEC CORN 276

-13-

T/BAIRIE

519-520

1982



NOTE: RD₁ AND RD₂ ARE 1 1/2" ALUM CAPS ON
5/8" X 36" REBAR 6" ABOVE GROUND

11/9/82

SCOTT

ROSS

LOOL 410°

CLOUDY-RAINY

CAUM.

A SEARCH OF THE AREA & RECORDS
REVEALED ^{NID} ~~NO~~ EVIDENCE TO
LOCATE OR RESET ORIGINAL
CORNER.

A PORTION OF THIS CORNER
FR CORNERS EAST & WEST
PLACED CORNER IN ALFAFA
FIELD.

SET A 3 1/2" ALUM CAP ON A
18" STEEL PIPE 36" BELOW
GROUND.

SET CORN #277

-14-

T13N, R15E

S18

S19

1982

NOTE: THIS CAP WILL HAVE
TO BE RELOCATED BY SINGLES
PORTION BETWEEN CORN,
EAST & WEST.

1/4 CORN

EXISTING DRAINAGE DITCH

11/9/82

SCOTT

ROSS

Loc 40° F°
Cloudy - Rainy
Lawn.

A SEARCH OF THE AREA &
RECORDS REVEALED NO EVIDENCE
TO LOCATE OR RESET ORIGINAL
CORNER.

A PORTION OF THIS CORNER
FR CORNERS EAST & WEST PLACE
CORNER IN AVALIA FIELD

SET A 3 1/2" ALUM CAP ON A 18"
STEEL PIPE, 36" BELOW GROUND

RP₁₁ → CAP 59.69

RP₁₂ → CAP 40.84

SEC - CORN # 278

-15-

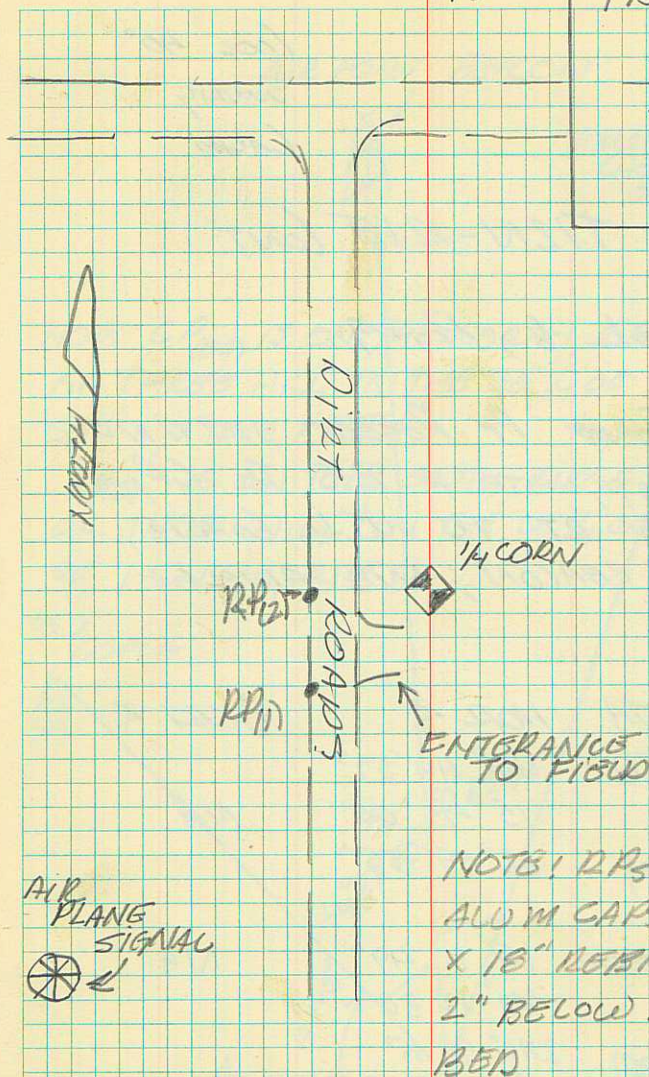
T13N, R1W

S 20

1

S 29

1982



NOTES: RPS ARE 1 1/2"
ALUM CAPS ON 5/8"
X 18" REBAR SET
2" BELOW ROAD
BED

11/15/82

SCOTT A

ROSS H

COOL 40°

SUNNY

CAUM.

TIZN-RTE CONT.

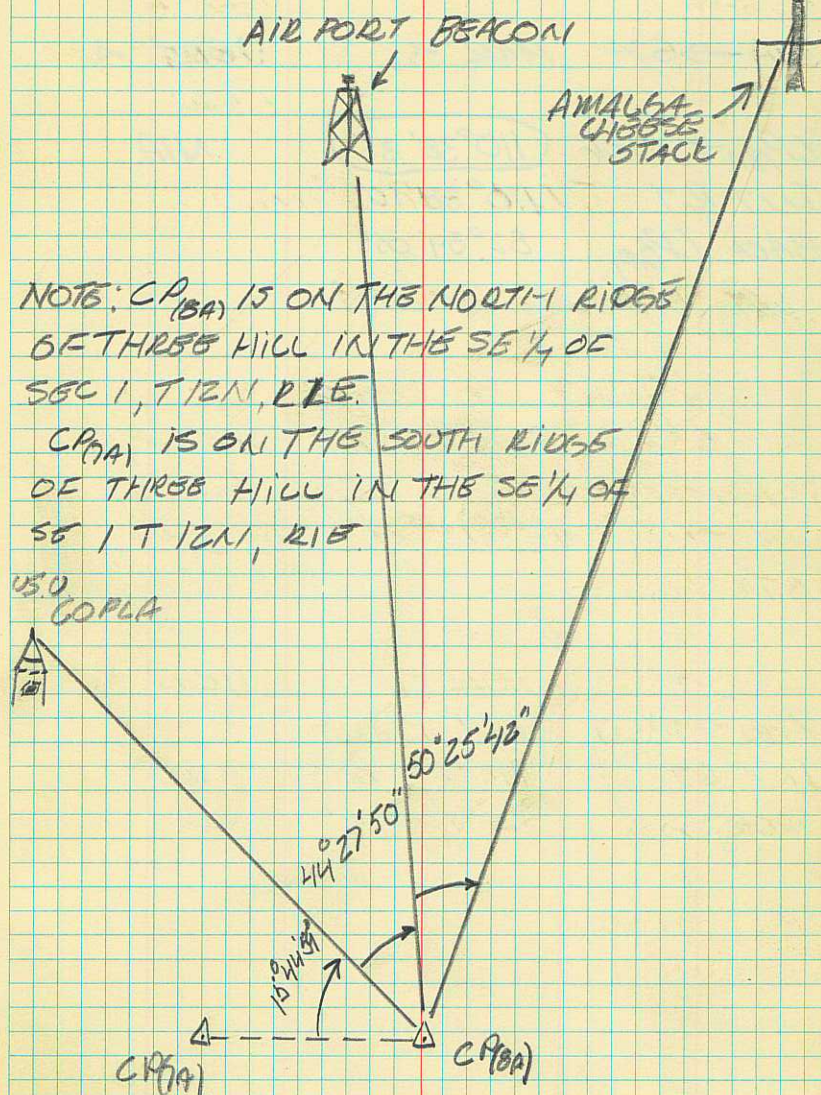
SEE BOOK 6, P. 49.

THREE PT RESORT. SETTING
ON CP(BA), WITH A B.S. TO CP(A)
TURNING RT TO U.S.O. COPLA,
AIRPORT BEACON, AND AMALGA
STACK.

STA → STA	HOR Δ	VERT Δ
CP(BA) → U.S.O.	15° 44' 59"	
INT RT	15° 45' 00"	N/A
BACK CP(A)	62° 59' 55"	

CP(BA) → Beacon	60° 12' 49"	N/A
INT RT	60° 12' 30"	
BACK CP(A)	2110° 51' 15"	

16



STA → STA	HOR *	VERT *
CPBA → STACK	110°38'31"	N/A
INT RT	110°38'10"	
BACK (P/A)	82°34'05"	

11/15/82

SCOTT T

ROSS #

COOL 45°

SUNNY

CALM

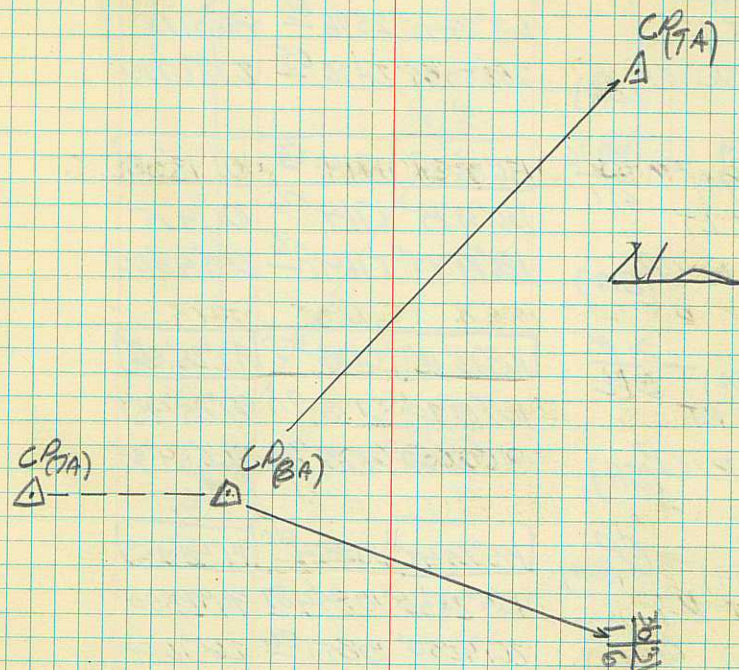
TR N-RHE CONT.

CONTINUED OF TRAVERSE FR BOOK 6
Pg 49

STA → STA	HORZ	S DIST	VERT
SS. CP(A) → 176	177°50'14"	3595.15	88°45'00"
INT LT	177°50'05"	3595.14	88°45'00"
BACK CP(A)	351°20'55"	3595.17	271°15'00"
TR CP(BA) → CP(A)	108°36'16"	4543.28	93°39'15"
INT RT	108°36'05"	4543.28	93°39'20"
BACK CP(A)	74°25'05"	4543.29	266°20'50"

18

NOTE: CP(A) IS REBAR; CAP ON N.W. TOP
OF ROUND HILL.



STA → STA HORIZ DIST VERTX

CP(9A) → $\frac{36}{1}$
 INT. LT 63°29'44" 2576.⁶⁵ 86°52'03"
 BACK CP(8A) 263°58'55" 2576.⁶⁵ 273°07'10"

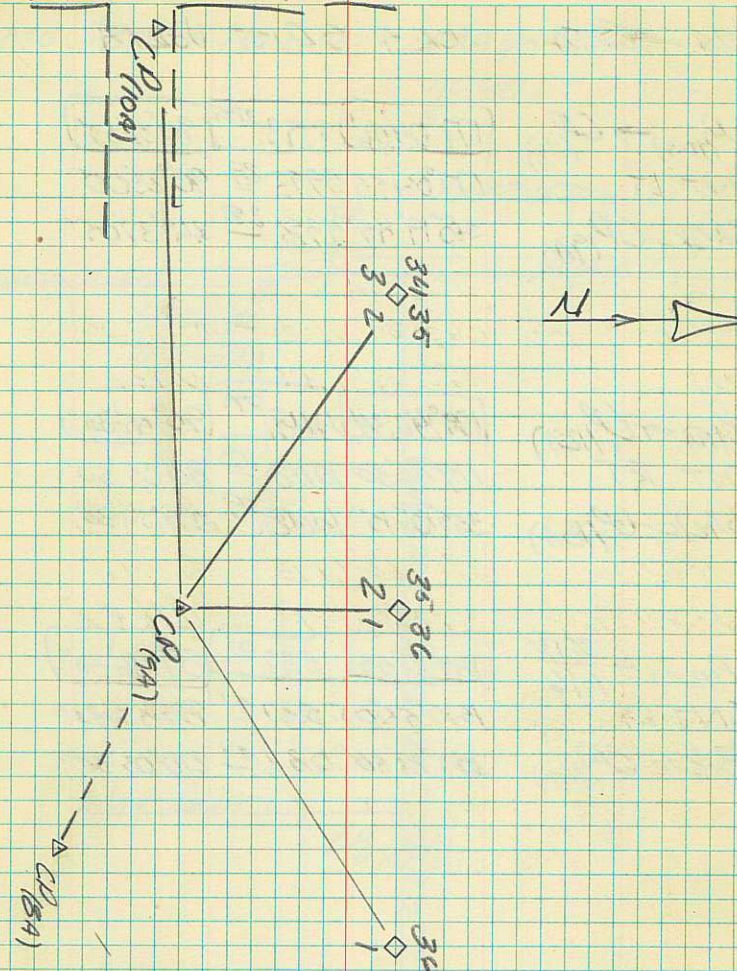
CP(9A) → $\frac{35}{2} \frac{36}{1}$
 INT LT 136°33'34" 1714.⁵⁶ 101°13'08"
 BACK CP(8A) 186°14'45" 1714.⁵⁶ 253°48'00"

CP(9A) → $\frac{34}{3} \frac{35}{2}$
 INT RT 169°13'15" 6178.⁹⁰ 97°25'38"
 BACK CP(8A) 316°52'50" 6178.⁹⁰ 262°34'30"

CP(9A) → CP(10A)
 INT RT 155°25'43" 10854.⁸⁶ 94°48'15"
 BACK CP(8A) 261°42'50" 10854.⁸⁶ 265°12'00"

U.S. HIGHWAY 91

19



NOTE: SECT. CORN ARE BRASS
 CAPS DESCRIBED AS IN NOTE BOOKS.
 CP(10A) IS A HIT ON NORTH SIDE
 OF ROAD.

STA → STA HOR & S DIST VERT &

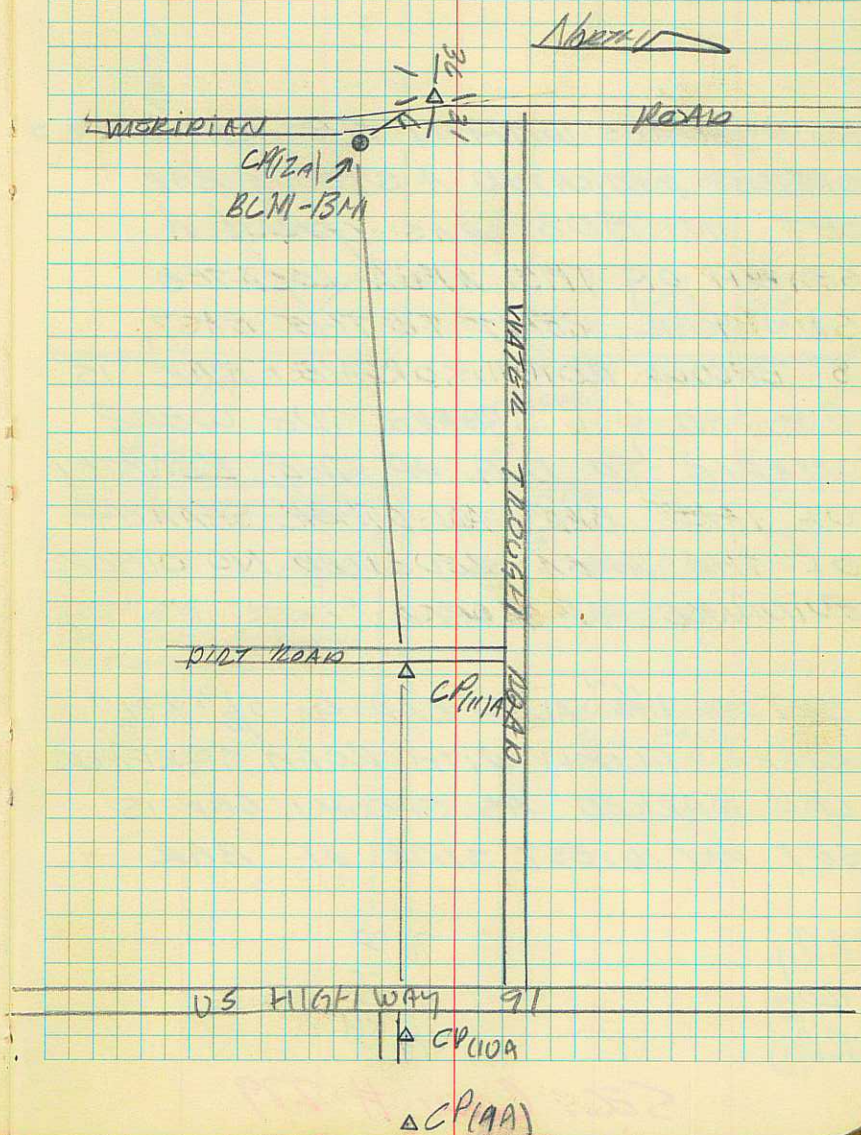
CP_(10A) → CP_(11A) 177°04'56" 5993.28' 90°22'57"
 INT LT 177°04'56" 5993.29' 90°23'00"
 BACK CP_(19A) 348°19'45" 5993.28' 269°37'05"

CP_(11A) → CP_(12A) 179°46'34" 10118.09' 90°05'30"
 INT RT 179°46'30" 10118.10' 90°05'30"
 BACK CP_(10A) 359°06'15" 10118.09' 269°54'30"

CP_(12A) → $\frac{3}{13}$ 149°51'53" 537.01' 89°56'30"
 INT LT 149°52'05" 537.01' 89°56'30"
 BACK CP_(11A) 235°27'30" 537.01' 270°03'30"

-20-

NOTE: B.M. MARKINGS: 3EAM 1963
 44440 FT



11/17/82 / A.M.
SCOTT
ROSS

Cool 45°
Cloudy-Rain
Calms

RECORDS WITHIN THE RECORDER'S OFFICE INDICATED A STEEL BAR SET IN 1908 WAS CORN. A SEARCH OF THE AREA LOCATED SAID BAR, BENT TO THE EAST, 8" BELOW ROAD SURFACE. BAR IS RUSTED & 1" SQUARE. WE WERE UNABLE TO DIG UP THE LENGTH OF THIS BAR. AN OTHER SEARCH OF THE AREA REVEALED NO OTHER EVIDENCE OF CORN.

SET A 1 1/2" ALUM CAP ON 5 1/8" X 36"
RERAIL FLUSH WITH ROAD SURFACE.
CAP MARKED AS SHOWN. CAP IS
SET ON WEST SIDE OF BAR

RP₁₁

76.09

12p (2)

51.55

RP(3)

49.54

56. Corn # 279

-21-

T14N

587

534

21W.

TRENTON, UTAH
U.S. POST OFFICE

FLAG POLO
RDC1)

+ $\frac{1}{4}$ CORN

10000

MERRILL'S
MARKET

NOTE: BPA is
NEW COLOR OF
BOTTLE

NOTE R.R. (3) IS NAIL
IN SEAM BETWEEN
SIDEWALK & C&G

11/17/82 / P.M.

SCOTT

ROSS

COOL 50°
CLOUDY RAIN
BROOKLYN

22

TYPE AS ABOVE.

SET A 3 1/2" ALUM CAP
ON A 18" PIPE FLUSH WITH
GROUND OVER TOP OF
STEEL BAR.

RP(1) 46.55

RP(2) 52.60

RP(3)

T1411

528 527

533 534

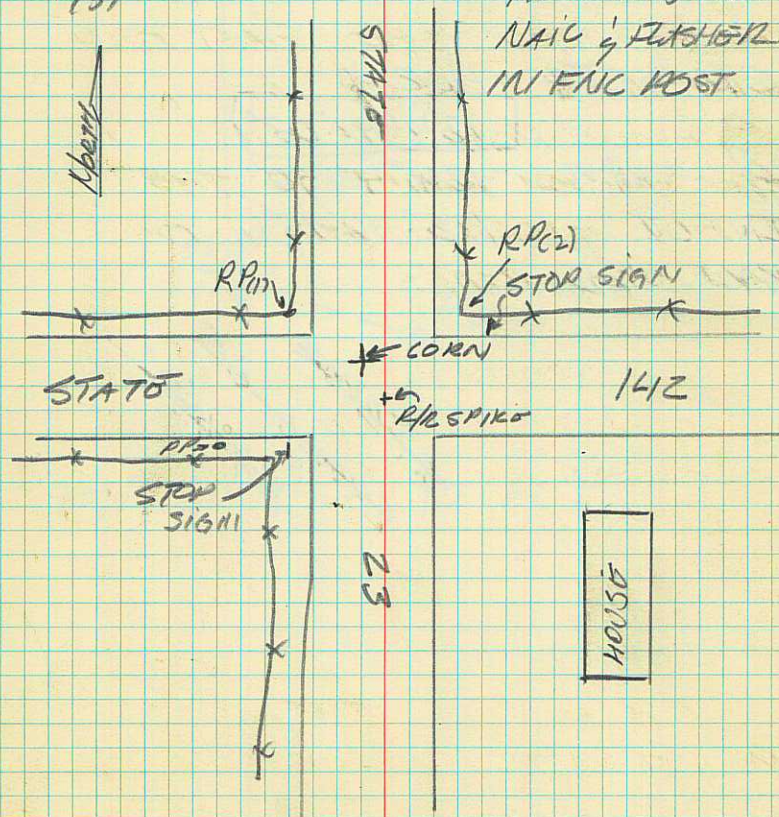
RIW

A SEARCH OF INTER WITH
METAL DETECTOR REVEALED TWO
SPOTS THAT STRONG METAL
POINT WERE. THE FIRST ONE
WAS A R/R SPIKE ABOUT
6" BELOW ROAD SURFACE. IT IS
POSITIONED MORE TO THE
INTER SECTION POINT OF
THE TWO ROADS.

THE SECOND IS ABOUT 5'
NORTH WEST OF THE FIRST. IT
IS ABOUT 16" BELOW ROAD SURFACE
AND IS SHAPED OF THE SAME
MATERIAL AS FOUND FOR CORN
ON P₃ — .

WE ACCEPTED THE SECOND
POINT AS THE CORNER BEING
AS IT WAS OF THE SAME
SEC. CORN #280

NOTE: RP'S ARE
NAIL & FLASHER
IN FNC POST.



11/18/82
SCOTT A
LOSS

LOOC 45°
LOUDY-RAIN
WINDY

* Tie TO MERIDIAN LINE

STA → STA

HIOR *

124°41'03"

36.31
116 → 36+31

124°40'50"

INT LT

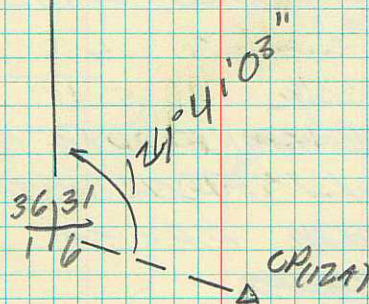
133°44'15"

BACK CP(12A)

~~* JRPB~~
~~SHOUL~~
~~124°41'03"~~

23

36+31



NOTE: 3°26'14"

TO RT. 'T'

1/21/83 / A.M.

SCOTT

ROSS

LOUD - 28°

CLOUDY

CALM

NO EVIDENCE WAS FOUND OF ORIGINAL CORNER. A SEARCH OF THE AREA GAVE SOME PROP. GUIDANCE. A SPLOT OF THE ROADS FROM RECORDED INFORMATION, IN THE RECORDERS OFFICE WAS ESTABLISHED.

A R.R SPIKE WAS SET FOR THE CORNER FLUSH WITH ROAD SURFACES AND R.P.'s SET. R.P.'s ARE NAILS; FLASHERS.

RP₁ → LAD

51.65

RP₂ → CAP.

38.19

SEC CORN # 281

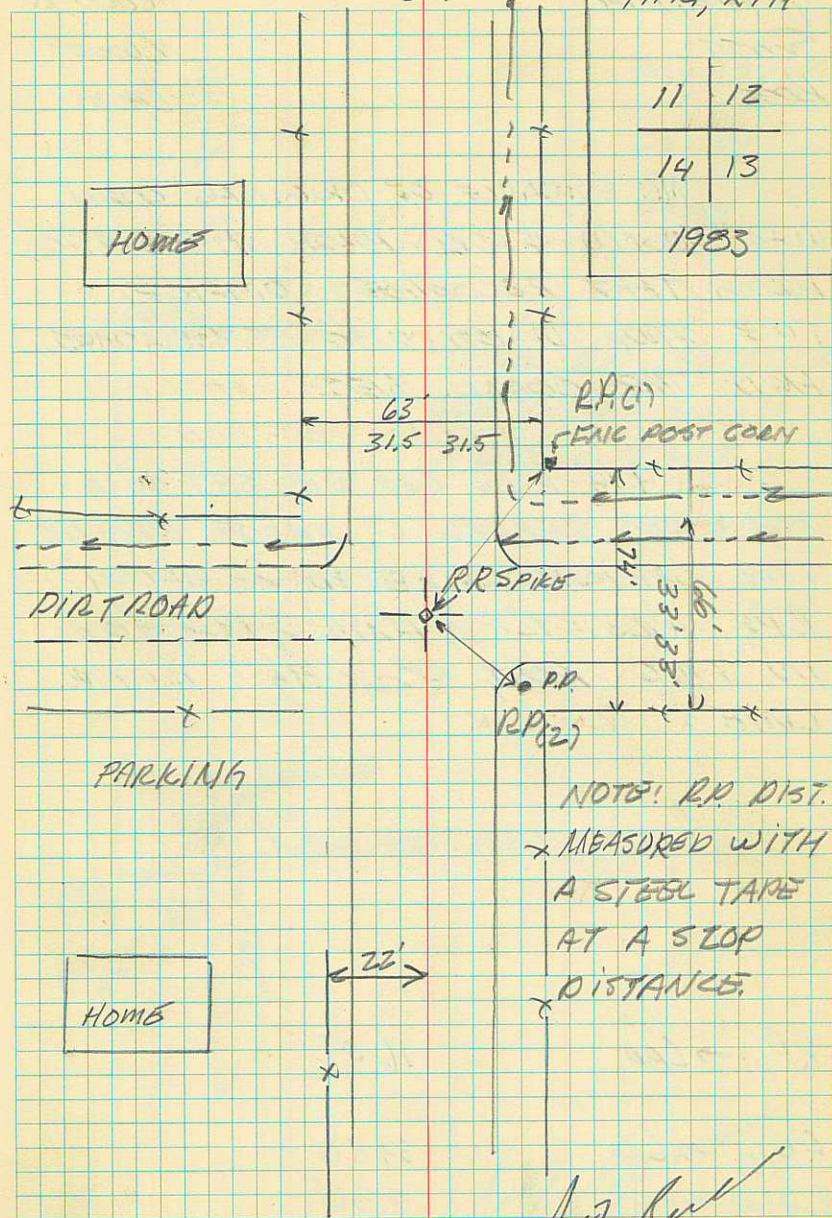
24

THIN, RIN

11 12

14 13

1983



1/24/83/A.M.

SCOTT

ROSS

CLOUD 20

WINDY

CALM

NO EVIDENCE OF ORIGINAL CORN.
WAS FOUND. FROM PROP. DESCRIPTION
FROM THE RECORDERS OFFICE
THE PROP. LINES WAS ESTABLISHED
AND THE CORN. SET.

A $1\frac{1}{4}$ " ALUM CAP WAS SET ON A
 $5/8$ " X 36" REBAR 6" ABOVE GROUND.
THE CAP WAS MARKED AS SHOWN.
RP₃ ARE: RP₍₁₎ NAIL & FLASHER
IN FENCE POST, RP₍₂₎ HGT IN FENCE
LINE

RP₍₁₎ → CAP 16.05

RP₍₂₎ → CAP 34.50

RP₍₃₎ → CAP 2.36'

SOC. CORN 282

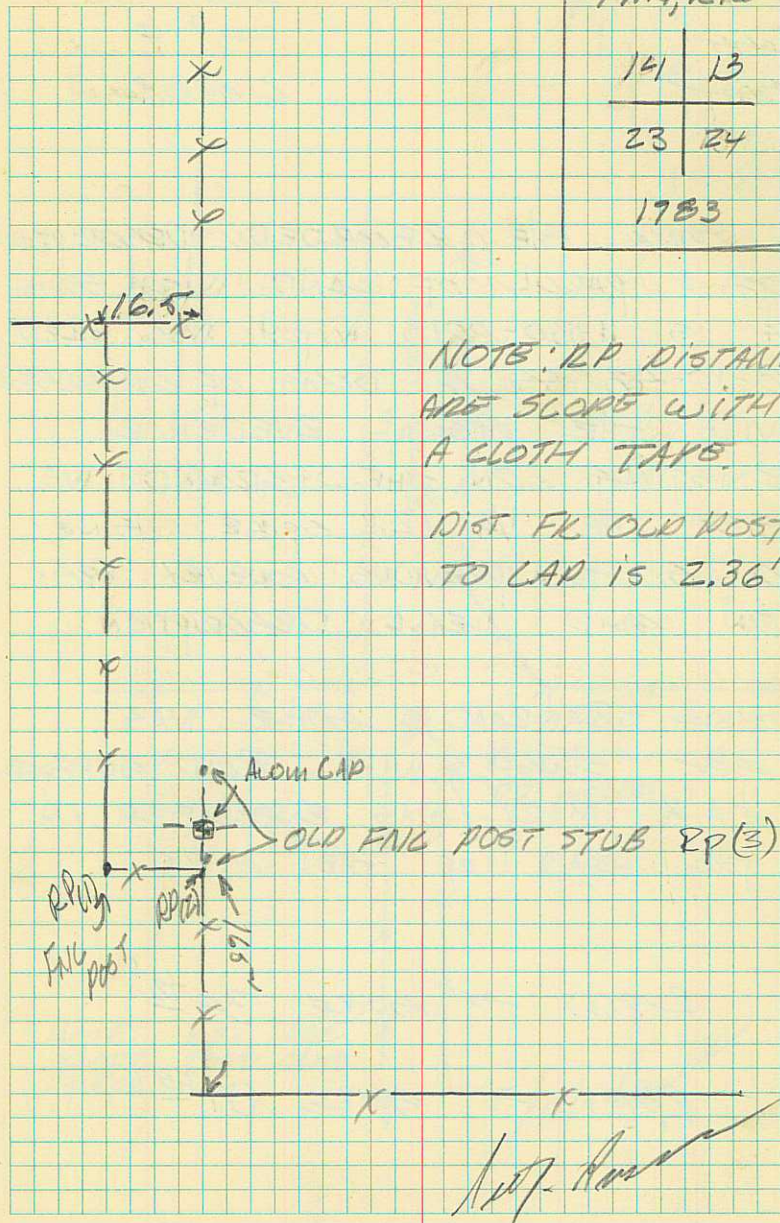
25

TRIN, R10

14 13

23 24

1783



NOTE: RP DISTANCES
ARE SLOPE WITH
A CLOTH TAPE.

DIST. FK OLD POST
TO CAP IS 2.36'

5000

COOL
35° F.
CLOUDY

A RAILROAD SPIKE WAS
SET FLUSH WITH ROAD SURFACE
& A "X" MARK WAS ENSCRIBED IN
THE HEAD OF THE SPIKE

RP(2) $\rightarrow$ SPIKE 87⁴⁵'

50C CORN # 283

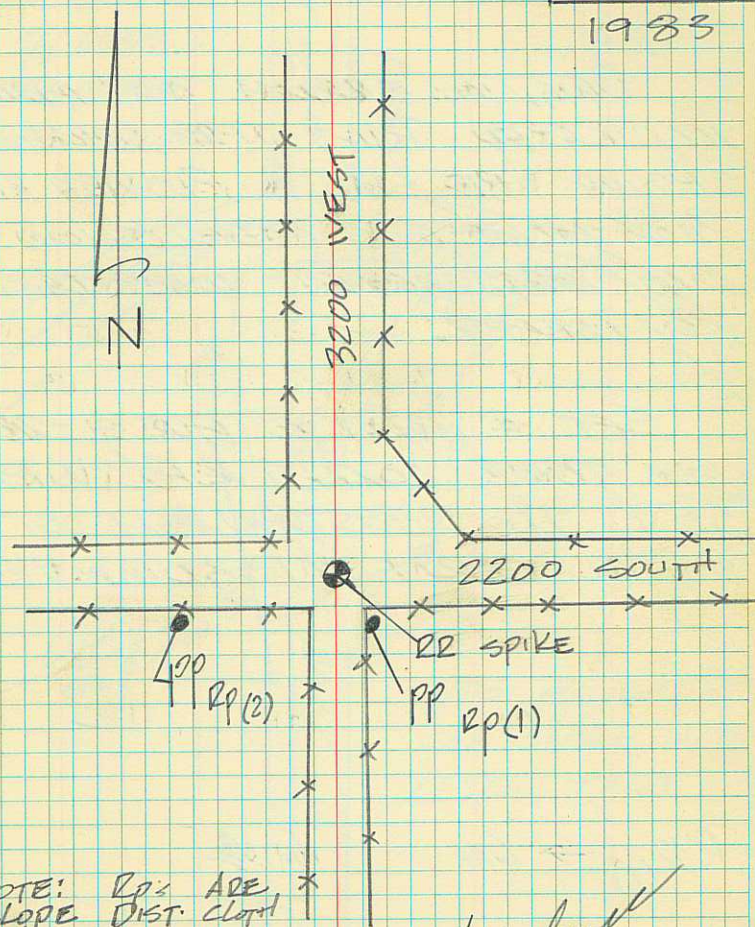
26

T. 11 N.

 $14 - 13$

2.1 W

1983



NOTE: Rps ADE
SLOPE DIST. Clotrd
TAPE

Prof. Rensch

1/21/83 P.M.

SCOTT

ROSS

GLD 28°

Cloudy

BIRDS

ORIGINAL SEARCH OF AREA
INDICATED THAT THE CORN
SHOULD BE IN A PLOWED FIELD.
PROP LINES WAS ESTABLISHED
AND MEASUREMENT WAS TAKEN
TO CORNER.

SET A 12"X2"X2" HUB & TAP
FOR TEMP CORN. R.P. WAS
SET TO REESTABLISH WITH
METAL CORN IN SUMMER.

R.P.(1) → CAP 44.62

R.P.(2) → CAP 73.85

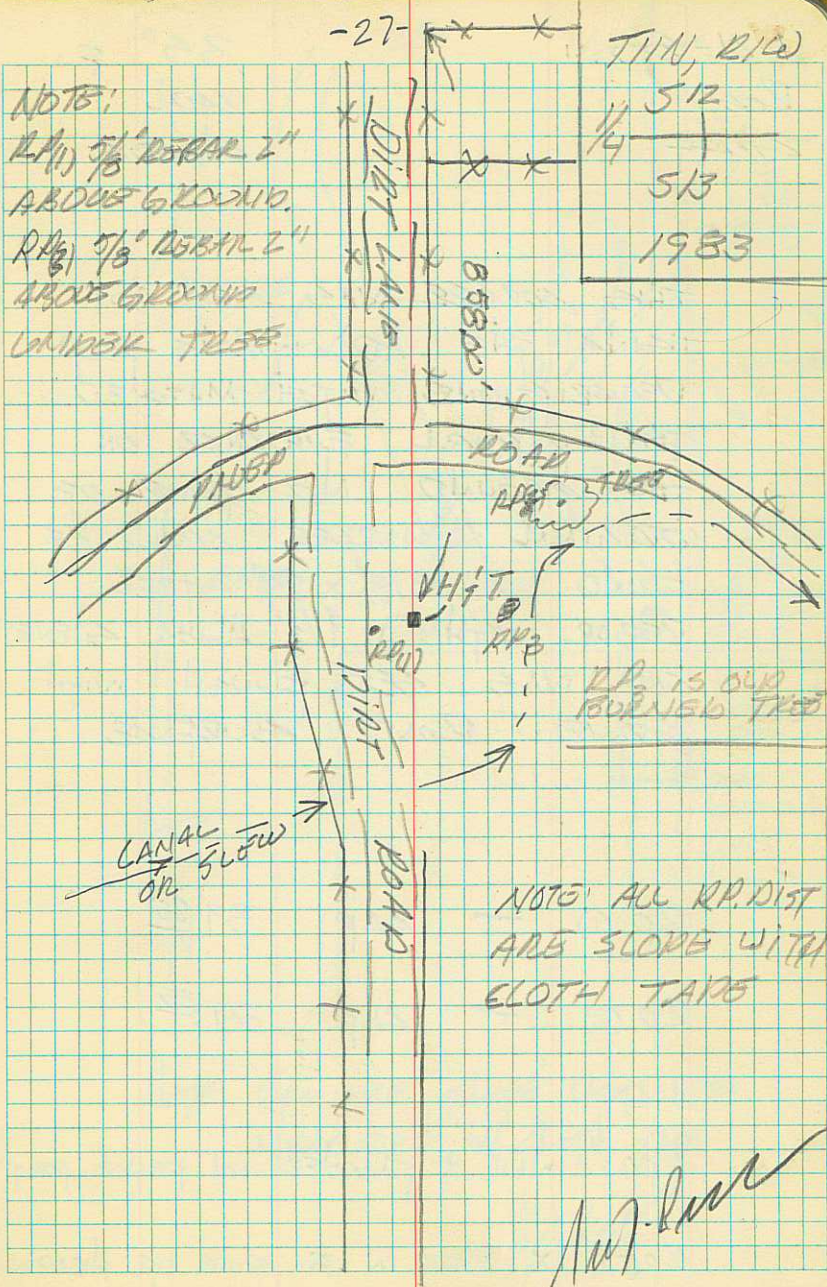
R.P.(3) → CAP 35.30

SEC CORN 284

NOTE:

R.P.(1) 5/8" DEBAR 2"
ABOUT 6' DOWN

R.P.(2) 5/8" DEBAR 2"
ABOUT 6' DOWN
UNDER TREE



AW. Ross

1-21-83

Rohr

SCOTT

35° F.

COOL

CLOUDY

THIS CORNER WAS SET BY
USING THE ADJOINING PROP.
DESCRIPTIONS WHICH MATCHED
THE PHYSICAL EVIDENCE ON
THE GROUND. NO TRACE OF
ORIGINAL MARKER COULD BE
FOUND. A $5/8"$ X $24"$ STEEL
REBAR WITH A $1\frac{1}{2}"$ ALUM SURVEY
CAP WAS SET FLUSH WITH
GRAVEL ROAD SURFACE

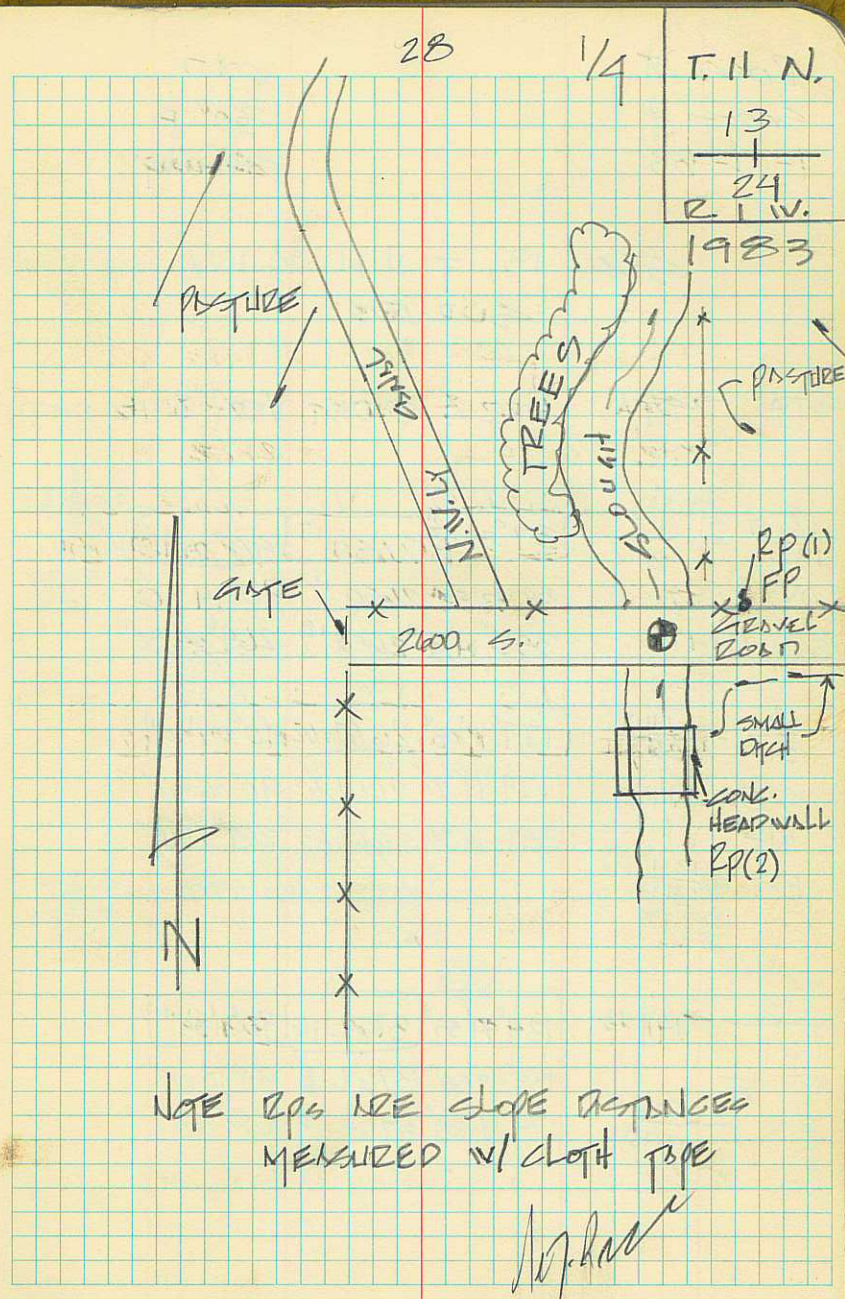
Rp (1) — CAP 39.85'

Rp (2) — CAP 39.25'

Rp (1) NAIL & FLUKE IN FENCE POST

Rp (2) "X" MARK IN E. SIDE OF HEAD WALL

SEC CORN #285



SEC. 13 T. 11 N. R. 1 W.
CONT

STA STA HORIZ & S DIST VERT A

14+13 → $\frac{11}{14} \frac{12}{13}$ 2647.39 90° 10' 25"

INT. LFT 134° 59' 01" 2647.39 90° 10' 30"

B.S. $\frac{13}{2.4}$ 270° 10' 15" 2447.40 269° 49' 40"

↑

CORR. HORIZ & 134° 56' 08"

13456 10

179° 44' 30"

$\frac{11}{14} \frac{12}{13}$ → CP(1) 89° 47' 40" 3567.96 89° 57' 23"

INT LFT 89° 48' 30" 3567.95 89° 57' 40"

B.S. 14+13 359° 10' 40" 3567.97 270° 02' 55"

CP(1) → $\frac{12}{13}$ 0° 20' 30" 942.77 90° 30' 08"

SIDE SBT 0° 20' 25" 942.77 90° 30' 15"

INT LFT 1° 22' 00" 942.77 269° 30'

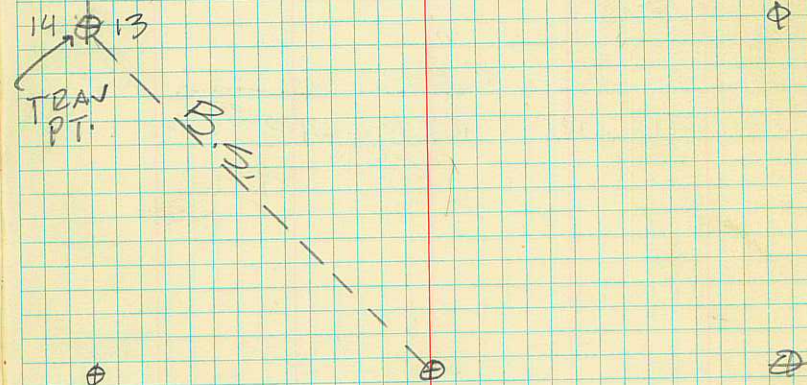
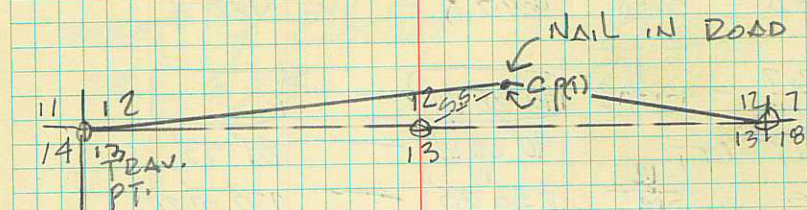
B.S. $\frac{11}{14} \frac{12}{13}$

CP(2) → $\frac{12}{13} \frac{12}{13}$ 179° 47' 17" 1696.69 89° 56' 28"

INT RT $\frac{11}{14} \frac{12}{13}$ 179° 47' 10" 1696.70 89° 56' 09"

B.S. 14+13 359° 09' 08" 1696.68 270° 03' 10"

30



STA	STA	HORIZ & S DIST	VERT &
12.7	→ 13.18	90° 28' 24"	
13.18		90° 28' 10"	89° 53'
INT LFT.		1° 53' 35"	270° 01' 20'
BS	$\frac{12}{13}$		

SHOT TO CLOSE ANGLE

31

NOTE: & CLOSURE IS 37" RT
OR 6"/&

ROCK 1983
PRESTON 1982

A BLM BRASS CAPP WAS FOUND
AT THE ORIGINAL INTERSECTION PT.
OF 2 FENCE LINES. ALSO A
BENDING TREE LOCATED S. 63° 26' 06"
W. 11.13 FT FROM THE BRASS CAP

MEASUREMENTS WERE TAKEN
BUT NO R.I.E. WERE SET

SEE PAGE # 42 OF MEER.
LINE # SEC. COR. BOOK # 6
FOR CORNER # 286 & 287

SECTION COR. # 289

32

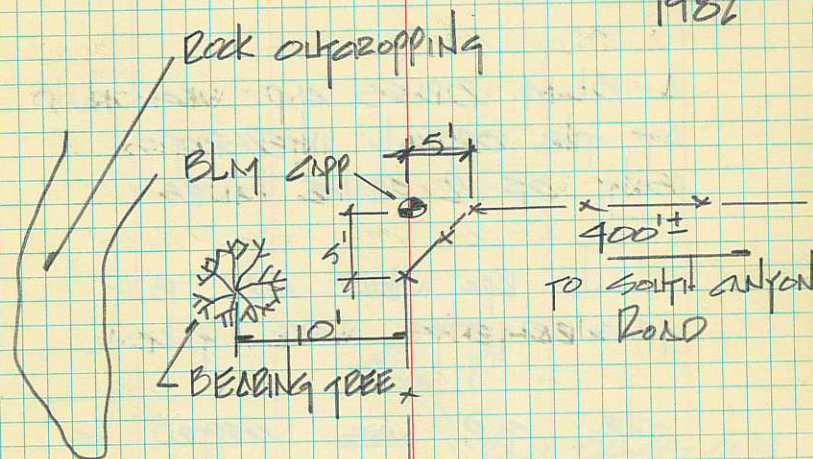
T. 8N

S. 29

S. 32

R I E

1982



MEASURED WITH A
CLOTH TAPE. ALL
DISTANCES ARE SLOPE
THE 400'± IS BY
PACING

P. WARD



Locs ∇ 1983
 present 1982

A B.L.M. BRASS CAP WAS FOUND
 AT THE OPTICAL INTERSECTION
 POINT OF 2 FENCE LINES

NO RPS WERE SET BUT
 MEASUREMENTS WERE TAKEN

THE CAP WAS ACCEPTED AS
 THE COR. COR.

SECTION CORNER # 288

33

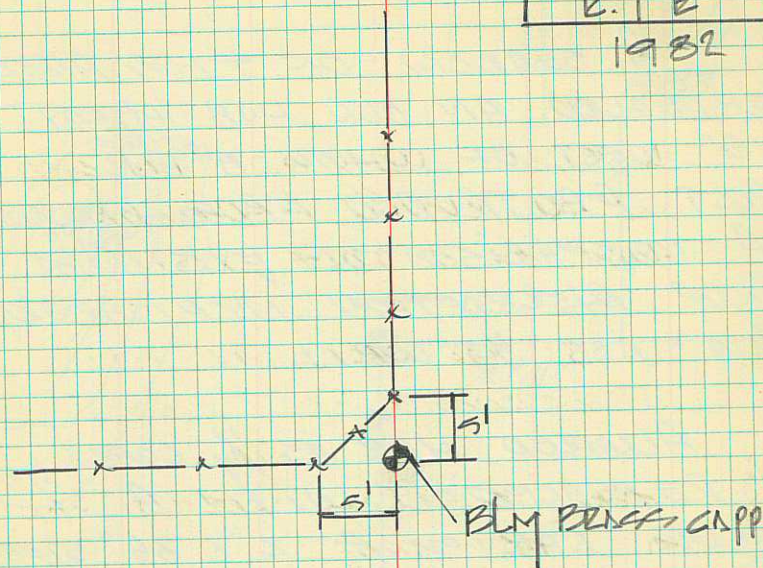
T. 8 N

G. 29 G. 28

G. 32 G. 33

E. 1 E

1982



MEASURED WITH A
 CLOTH TAPE
 DISTANCES ARE SLOPE

P. WARD



2/24/83
SCOTT
ROSS

WARM 45°
CLEAR
BREEZE

A SEARCH OF THE AREA
REVEALED AN OLD HUB APPROX
18" WEST OF WHERE A FNC
POST PROTRUDED FROM GROUND.
A COMPARISON OF EXISTING
PROP DESCRIPTION INDICATED
HUB WAS $\frac{1}{4}$ CORN.

ACCEPTED HUB AS $\frac{1}{4}$ CORN
 $\frac{1}{2}$ REPLACED IT WITH A $3\frac{1}{4}$ "
ALUM GAP ON A 2"X 36" STEEL
PIPE, IN A MOUND OF STONE
12" ABOVE GROUND.

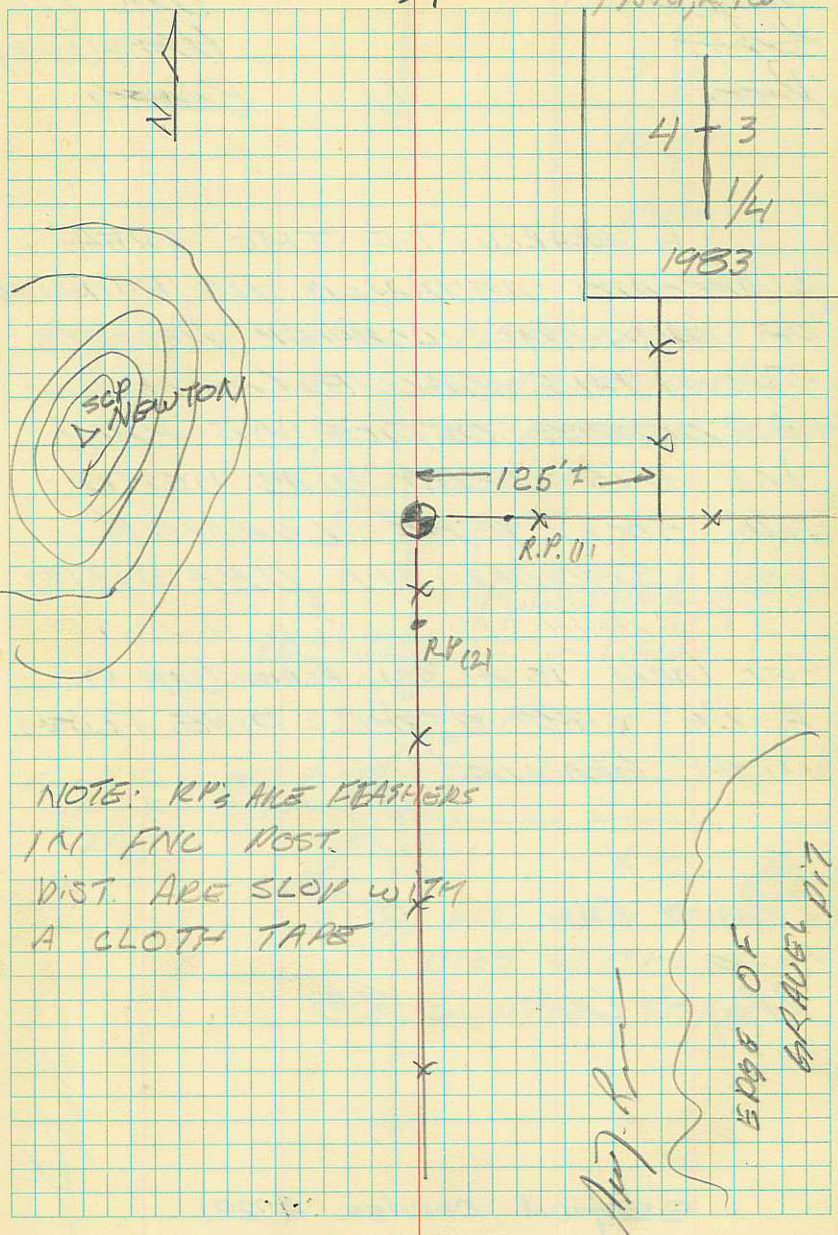
R.P.(11) 18.31

R.P.(12) 8.23

SECTION CORNER # 290

34

TURN, R/W



NOTE: R.P.'S ARE FLASHERS
IN FNC POST.
DIST ARE SLOP WITH
A CLOTH TAPE

3/3/83
SCOTT
ROSS

COOL 45%
PARTLY CLOUDY
BREEZE

A SEARCH OF THE AREA
& RECORDS REVEALED NO EVIDENCE
OF ORIGINAL CORNER. RECORDS
FROM THE CACHE COUNTY
RECORDERS OFFICE OF PROP.
IN THE AREA WAS USED
TO SET THE CORNER
AS SHOWN IN DRAWING

SEC CORN is a $3\frac{1}{4}$ " ALUM LAP ON
A $2\frac{1}{2}$ " X 36" STEEL PIPE, FLUSH
WITH GROUND.

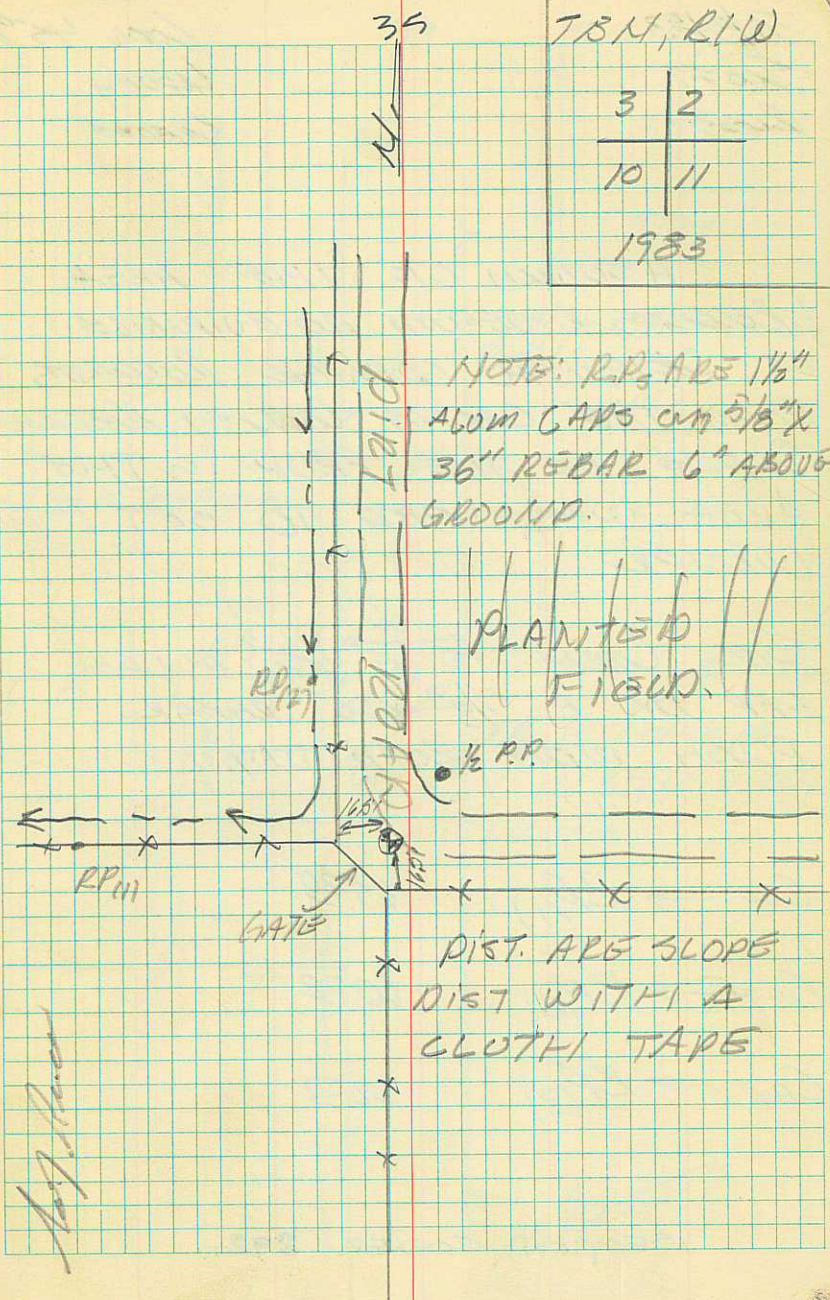
RP(1) → CAP 89.75

RP(2) → CAP 52.84

SECTION CORNER # 291

TBM, R1-W

3	2
10	11
1983	



3/3/83
Scott
Ross

Cool 45°
Cloudy
Breeze

A SEARCH OF THE AREA
& RECORDS REVEALED NO EVIDENCE
OF ORIGINAL CORNER. RECORDS
FROM THE CASS COUNTY RECORDER
OFFICE OF THE PROP. IN THE
AREA WAS USED TO SET THE
CORNER

Sec. Corn is a 1 1/2" ALUMINUM
CAP ON A 5/8" X 36" REBAR
FLUSH WITH ROAD WAY.

CAP → RP₍₁₎ 65.30

CAP → RP₍₂₎ 60.70

CAP → RP₍₃₎ 22.50

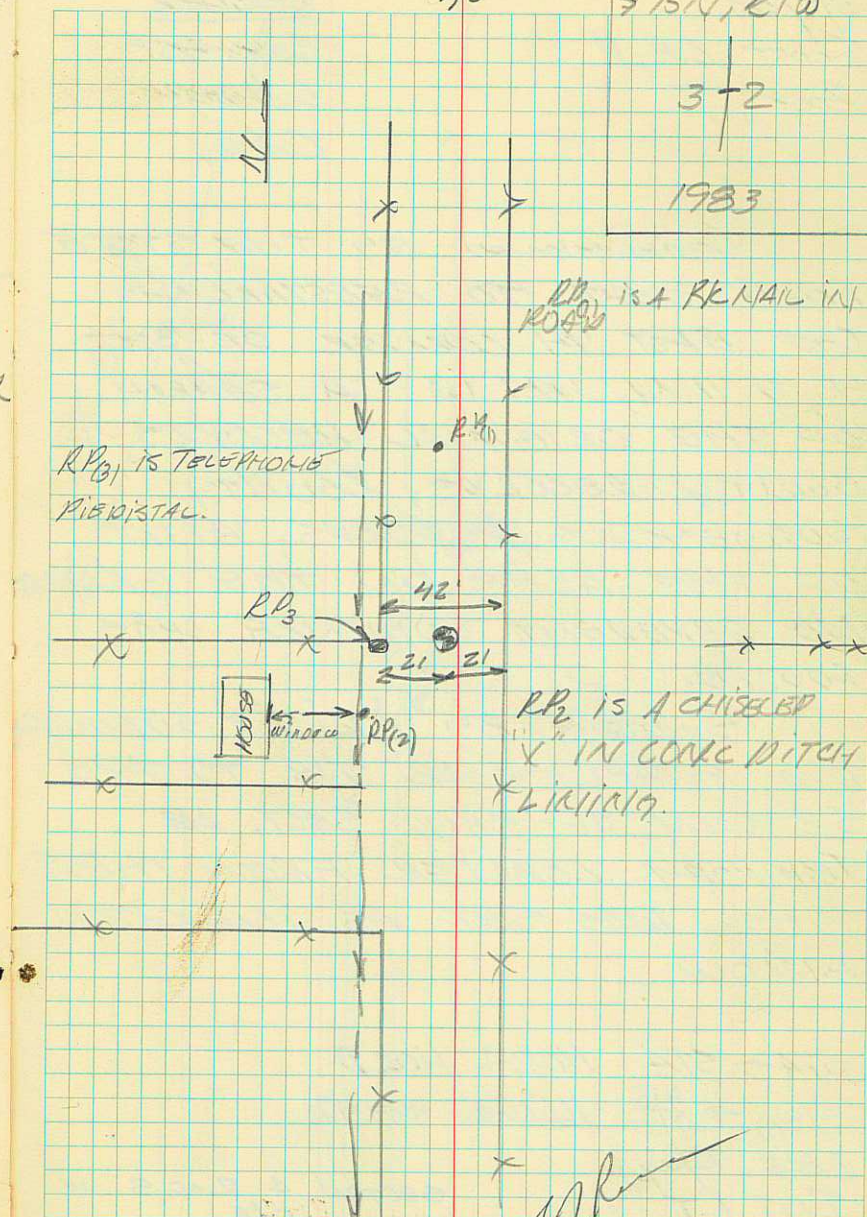
SECTION CORNER 292

36

513N, E1W

3-2

1983



3/9/83.

SCOTT, C.P., P

ROSS, T

WEATHER

COOL 45°

CLOUDY

CALM

Commissioned by THE STATE
ROAD DEPT. TO REESTABLISH
THE EAST 1/4 CORNER OF SECT.
4, T 11 N, R 1 W. A SEARCH
OF THE ORIGINAL RECORDS,
SURVEY RECORDS, COUNTY
SURVEYOR'S RECORDS, AND
OF THE AREA ON THE GROUND
NO APPARENT GUIDANCE WAS
FOUND.

SURVEYS BY PRIVATE SURVEYORS
DID ESTABLISH OR TIE TO THE
SE. CORN. OF SAID SECT. A
TEMPORARY CORNER FROM THESE
TIES WAS SET AS INDICATED
BELOW.

STA → STA HORD HORD.

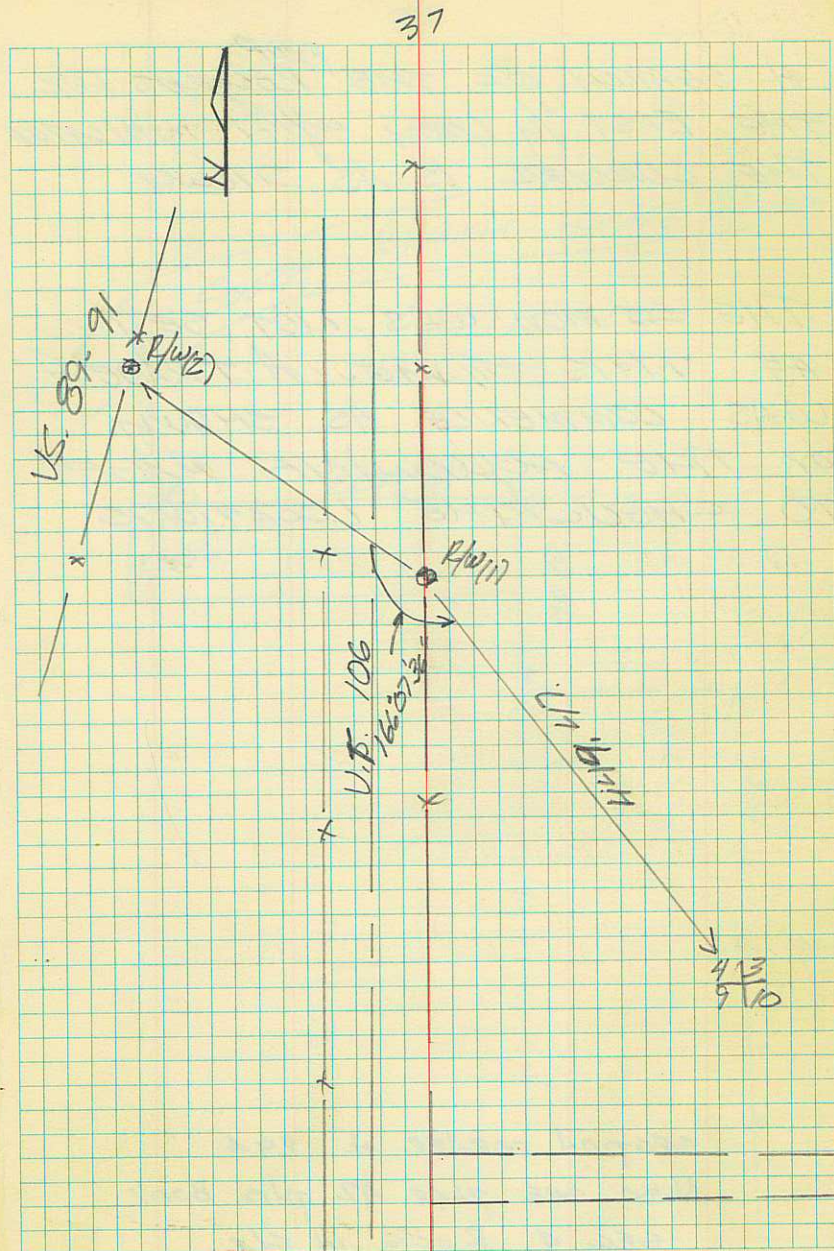
R/W₁₁ → $\frac{43}{910}$ 166°07'36" 444.47

BACK R/W₁₂

INT LT

SECTION 4 R.O.F.S. IN
FILE

SECTION CORNER # 293
ALSO SEE PAGE 43 THIS BOOK



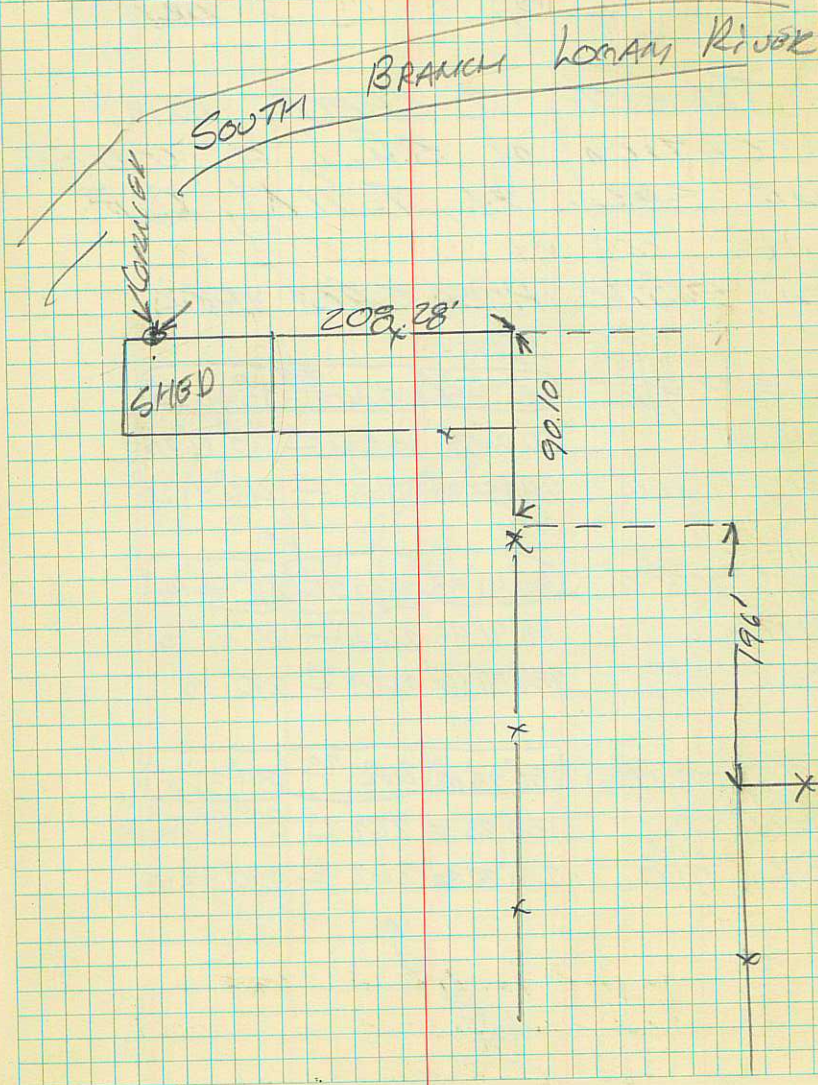
Box 5. 82

A SEARCH OF THE ^{PROP.} RECORDS FOR
THE EAST 1/4 LOMAN ^{corner} INDICATED
THE CORNER IS AS SHOWN

THE ~~SE~~ MON. WAS NOT SET
AT THIS TIME. A TRAVERSE
WAS COMMENCED AS SHOWN
ON THE FOLLOWING PAGES
TO CHECK THE LOCATIONS

SECTION CORNER # 294
ALSO SEE PAGE 42 THIS BOOK
SEC. 4 R.O.F.S IN FILE

30



3/9/83

SCOTT #

ROSS T

WARM 55°

P.C.

BREEZE

TRAVERSE TO CHECK TEMP.
LOCATION of S.E. & E. CORNERS
OF SOL. 4, T. 11 N, R. 15 E

STA → STA HORIZ DIST VERT

2 1/2 → 2 1/3
11/2 → 9/10

INT LT.

SPC CORLIA

60° 13' 55" 10.631 ⁰⁴ 93° 12' 35"

60° 13' 55" 10.631 ⁰⁴ 93° 12' 30"

240° 55' 40" 10631 ⁰⁵ 266° 47' 20"

4 1/3 → TP (1)
9/10

INT LT

BACK 2 1/2
11/2

88° 41' 48" 2669 ³⁹ 89° 46' 45"

88° 41' 45" 2669 ⁴⁰ 89° 46' 30"

354° 47' 10" 2669 ³⁹ 270° 13'

TP (1) → TP (2)

INT LT

BACK 4 1/3
9/10

150° 23' 08" 262 ²⁰ 89° 31' 00"

150° 23' 15" 262 ¹⁹ 89° 31' 10"

241° 32' 30" 262 ²¹ 270° 23' 10"

GOOD ↑

39

TP (1)
4 1/3

USU
CORLIA

4 1/3
9/10

2 1/2
11/2

VOID
THIS PAGE
ONLY

STA → STA HOR & DIST VERT

TP ₂ → TP ₃	150° 25' 59"	2471 ⁰⁵	89° 44' 43"
INT RT	150° 25' 50"	2471 ⁰⁵	89° 40' 30"
BACK T.P. ₁₁	241° 43' 55"	2471 ⁰⁵	270° 11' 05"

TP ₃ → ^{2 1/2} / _{11/12}	63° 58' 58"		87° 15'
INT LT	63° 58' 50"		87° 15'
BACK T.P. ₁₂	255° 55' 50"		272° 45'

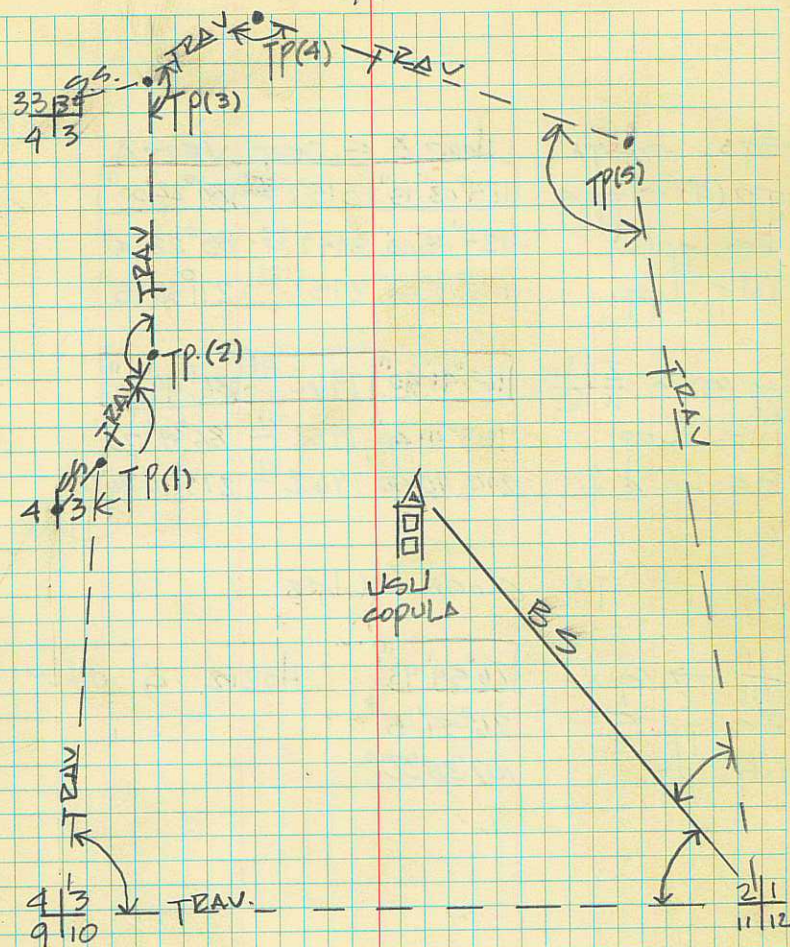
55.

TP ₁₁ → 4/3	36° 35' 55"	59 ⁷⁸	89° 56' 05"
INT RT	36° 36' 10"	59 ⁷⁸	89° 56' 05"
BACK ^{4/3} / _{9/10}	146° 23' 40"	59 ⁷⁸	270° 08' 55"

^{2 1/2} / _{11/12} → Copula	32° 51' 43"	ONLY —	
INT RT	32° 51' 45"		
BACK TP ₁₃	131° 26' 50"		

TP ₃ → TP ₄	130° 16' 35"	162 ⁵⁵	84° 56'
INT LFT	130° 16' 45"	162 ⁵⁴	84° 56'
BS TP (2)	161° 06' 20"	162 ⁵⁶	275° 04'

40



STA. → STA	HORIZ Δ	S. DIST	VERT Δ
TP (4) → TP 5	124° 03' 13"	3757 ²⁰	88° 22' 00"
BS TP (3)	124° 03' 10"	3757 ²²	88° 22' 15"
INT LTT.	136° 12' 50"	3757 ²¹	27° 38' 15"

TP (5) → $\frac{21}{11} \frac{1}{12}$	163° 41' 40"	7962 ⁴¹	86° 49' 30"
INT LTT.	163° 41' 40"	7962 ⁴¹	86° 49' 30"
BS. TP 4	294° 46' 40"	7962 ⁴¹	273° 10' 30"

TO CLOSE ANGLE

$\frac{21}{11} \frac{1}{12}$ → COPULA	26° 54' 43"	HORIZ Δ ONLY
BS TP 5	26° 54' 45"	
INT RT.	107° 38' 50"	

3/14/83 A.M.
SCOTT

LOCAL 350
CLOUDY
RAIN.

FROM INFO FR RP 38 $\frac{1}{2}$ SUBSEQUENT TRAVERSE, A $3\frac{1}{2}$ " ALUM CAP ON A $2" \times 36"$ STEEL PIPE WAS SET 8" ABOVE GROUND IN A MOUND OF STONE & CONCRETE.

CORNER IS FLUSH WITH FOUNDATION OF OUT SHED AS SHOWN

RP(1) $\rightarrow$ CAP	68.93
RP(2) $\rightarrow$ CAP	24.45
RP(3) $\rightarrow$ CAP	12.96
RP(4) $\rightarrow$ CAP	22.55

SECTION CORNER # 294
ALSO SEE PAGE #38 THE BOOK
" " RECORD OF SURVEY # 125

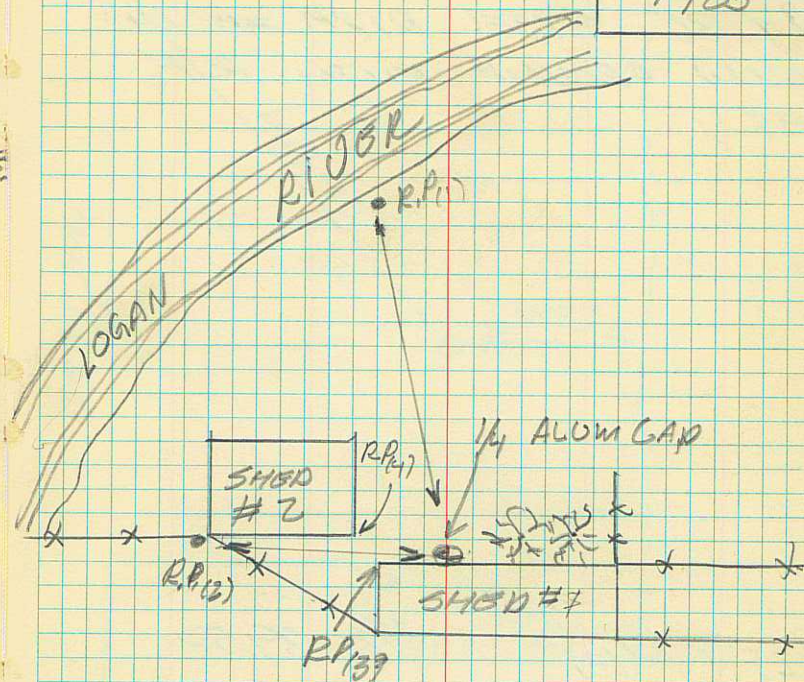
42

TNN, RIE

54 + 53

1983

ALL DISTANCES ARE STOP DISTANCES WITH A CLOTH TAPE.



NOTE: RP(3) IS N.W. CORN OF SHED #1. RP(4) IS S.E. CORN OF SHED #2. (CONCRETE FOUNDATION) RP(1) & (2) ARE $1\frac{1}{2}$ " ALUM CAPS ON $5\frac{1}{2}" \times 36"$ REBAR.

M. A. H.

3/14/83 A.M.
SCOTT

COOL 40°
CLOUDY
RAIN

SET A 3 1/4" ALUM CAP ON A
2 1/2" X 36" STEEL PIPE. ~~AT~~ 24"
BELOW GROUND WITH R.P.
SET

RP(2) → RP(3)

39.50

RP(1)

4149.47

RP(2)

74.98

RP(3)

76.47

SECTION CORNER # 293
ALSO SEE PAGE 37 THIS BOOK

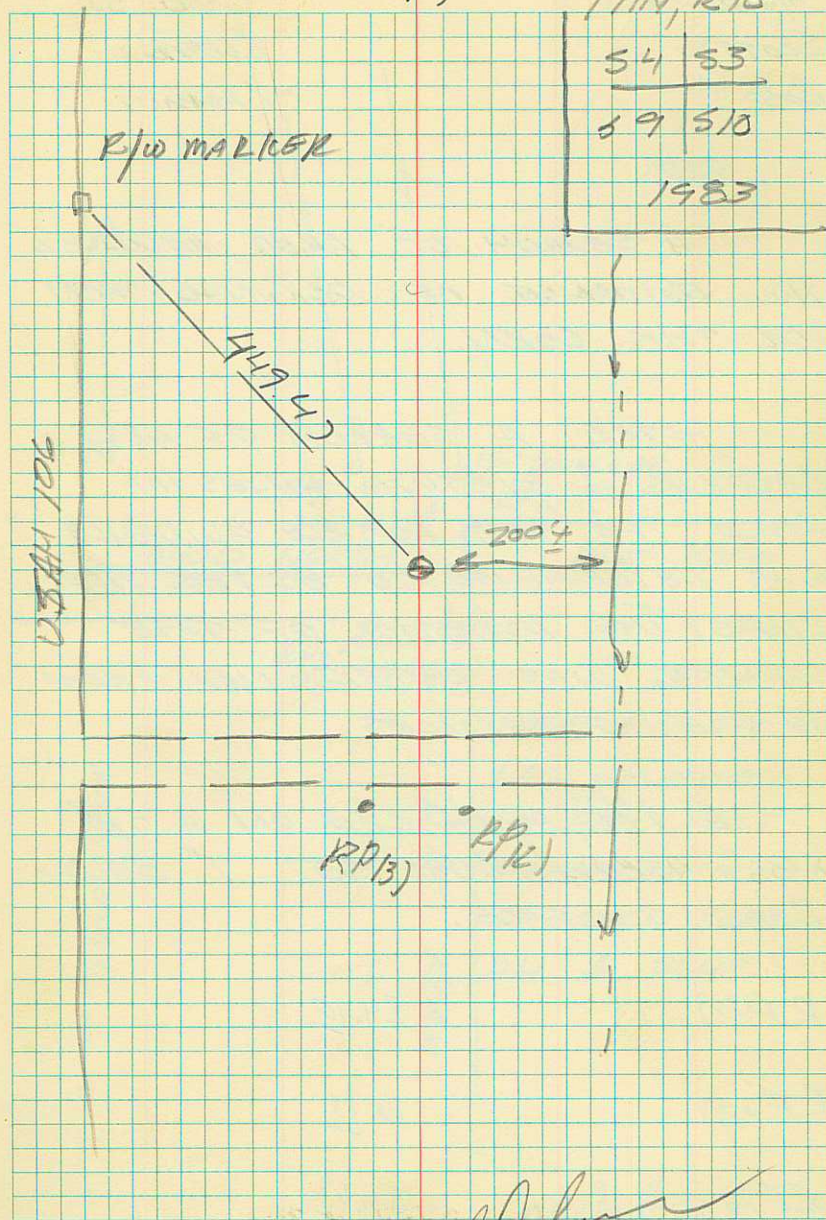
43

TIN, RIE

54 53

59 510

1983



4/6/83

SCOTT

ROSS

COLD 30°

CLEAR

CALM

A SEARCH OF AREA REVEALED
NO EVIDENCE OF ORIGINAL MON.
FOR THIS CORN.

AFTER A SEARCH OF ALL
RECORDS & EXISTING LINES IN
FIELD THE BEST POSSIBLE EVIDENCE
WAS DETERMINED TO BE THE PROP.
LINES. THE POSITION OF THE
CORNER WAS DETERMINED FROM
THESE GUIDANCES.

A 1 1/4" ALUM CAP ON A 5/8"
x 36" REBAR WAS SET 1" BELOW
ROAD SURFACE.

R.P.(1) 24.10

R.P.(2) 16.71

R.P.(3) 52.67

SECTION CORNER # 295

44

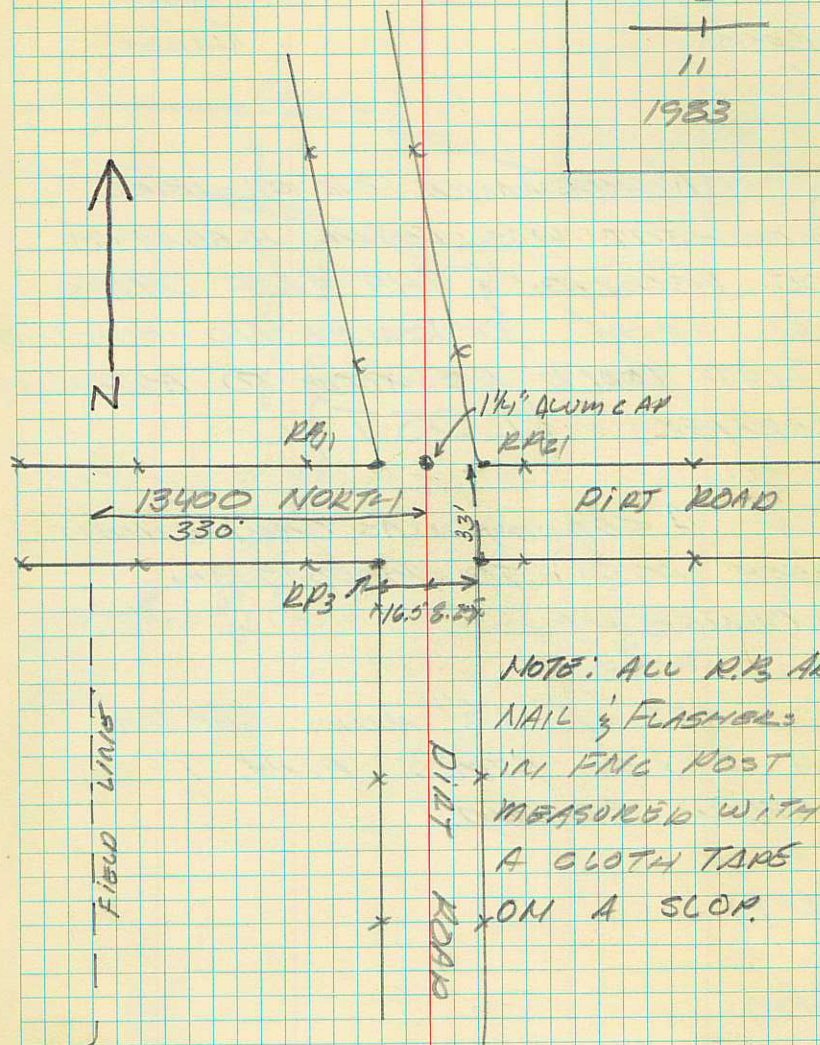
TIM RIE

2

1

11

1983



NOTE: ALL R.P. ARE
NAIL & FLASHERS
IN FINE POST
MEASURED WITH
A CLOTH TAPE
ON A SLOP.

T. D. R.

4/6/83

SCOTT

ROSS

LOOK 45°

CLEAR

CALM

NO EVIDENCE OF ORIGINAL MONUMENT WAS FOUND. A SEARCH OF RECORDS & THE PROP LINES IN AREA REVEALED NO EVIDENCE THAT COULD BE USED TO ESTABLISH CORNER. (LOST)

A SURVEY WAS COMMENCED (508 TO 39) TO REPORTION. CORNER.

SET A 3 1/2" ALUM CAP ON A 2" X 36" STEEL PIPE, 1" BELOW GROUND.

RP(1)

RP(2)

SECTION CORNER # 296
ASO SEE RECORD OF SURVEY # 125

45

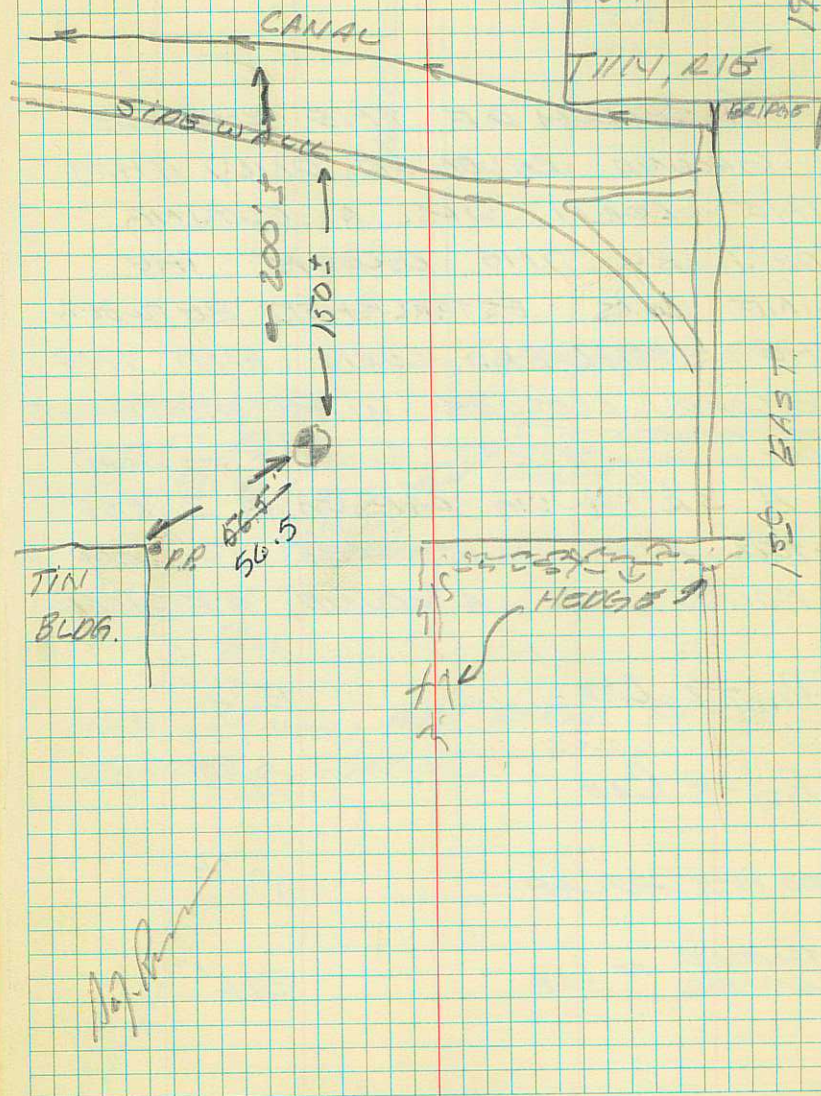
T12N, R15E

538 534

541 53

1983

T11N, R15E



4-14-83

SCOTT

ROSS

COOL 40°

P. Cloudy

Breeze

A SEARCH OF THE RECORDS
 GROUND REVEALED ONLY THAT
 THE CORN WAS A CLOSING
 CORN. BY THE RECORDS. THE
 LINE WAS ESTABLISHED BETWEEN
 THE STANDARD CORN AND THE
 RECORD CLOSURE WAS MEASURED.

A 3 1/2" ALUM CAP ON A 2" X 36"
 STEEL PIPE WAS SET 12" ABOVE
 GROUND IN A MOUND OF STONE.

RP₍₁₎ → CAP 13.34

RP₍₂₎ → CAP 74.34

WOOD POST → CAP 57.75

STANDARD CORNER → CAP 39.6'

SECTION CORNER 297

4/10

T13N, R15E

535

2

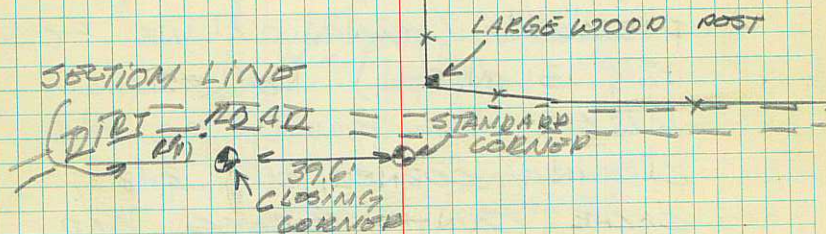
1

C.C.

1983

T12N, R15E

NORTH



NOTE: RP₍₁₎ & RP₍₂₎ ARE REBAR RP₍₂₎ to
 STANDARD CORNER.

[Signature]

OK

4-14-83

ROSS & T

SCOTT P

COOL 40° F.

PTLY CLOUDY

WINDY

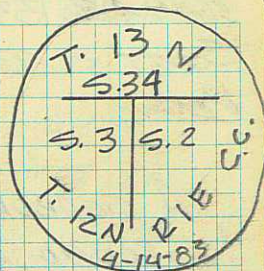
A SEARCH OF THE ORIGINAL NOTES REVEALED A CLOSING CORNER, 48 LINKS (31.68') WEST OF THE STANDARD CORNER COMMON TO SEC.'S 34 & 35 ON THE 3RD STANDARD PARALLEL (TOWNSHIP LINE BETWEEN 12 & 13 NORTH). NO ORIGINAL MARKER WAS FOUND FOR THE CLOSING CORNER, BUT THE CACHE COUNTY BRASS CAP SET ON THE STANDARD COR. WAS LOCATED AND THE RECORD DISTANCE WAS MEASURED TO THE CLOSING CORNER.

A. 3 1/4" ALUM. SURVEY CAP ON A 36" x 2" STEEL PIPE WAS SET TO MONUMENT SAID CLOSING CORNER.

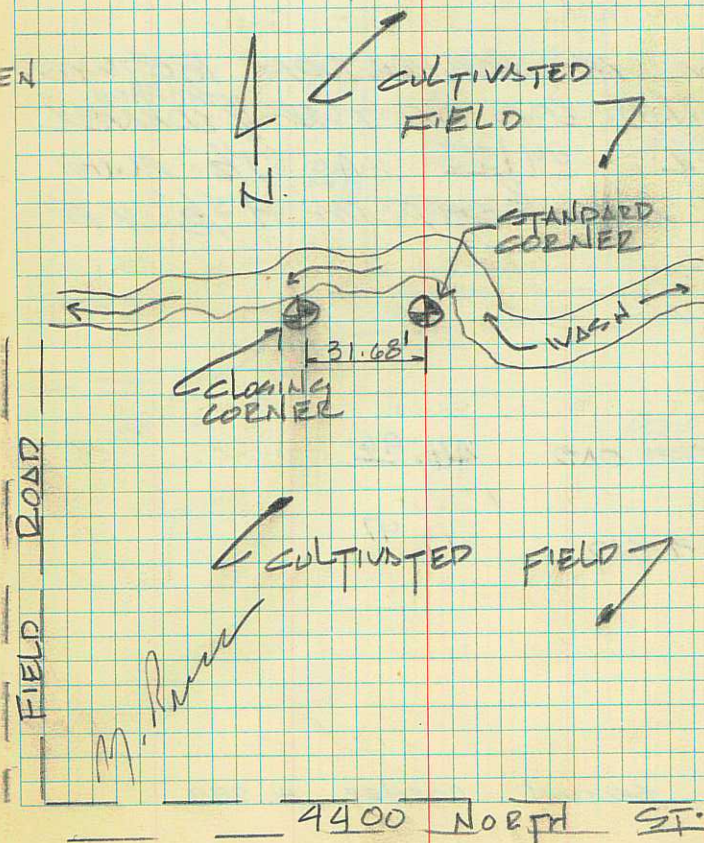
SAID ALUM CAP IS MARKED AS SHOWN NEXT PAGE

SECTION CORNER 298

47



NO RP'S WERE SET DUE TO AGRICULTURAL ACTIVITY IN THE AREA.



4-14-88 133° 25' 25"

SCOTT 237.60

ROSS

COOL 45°

P. LUDWIG

BK 27

A SEARCH OF THE RECORDS
1 GROUND IN AREA REVEALED
3 NO EVIDENCE. THE DROP DISC.
4 PLAT RAPIDLY CAPPED & OVER
LAPPED.

FROM A PORTION BETWEEN
THE N.W. COR. OF TWP 15TH & 16TH
CORNER 34/55 A 1 1/2" ALUM.
CAP WAS SET ON A 5/8" X 1/8"
BERAL.

Rp(2) → CAP 46.96

Rp(1) → CAP 47.47

SECTION CORNER # 299

48

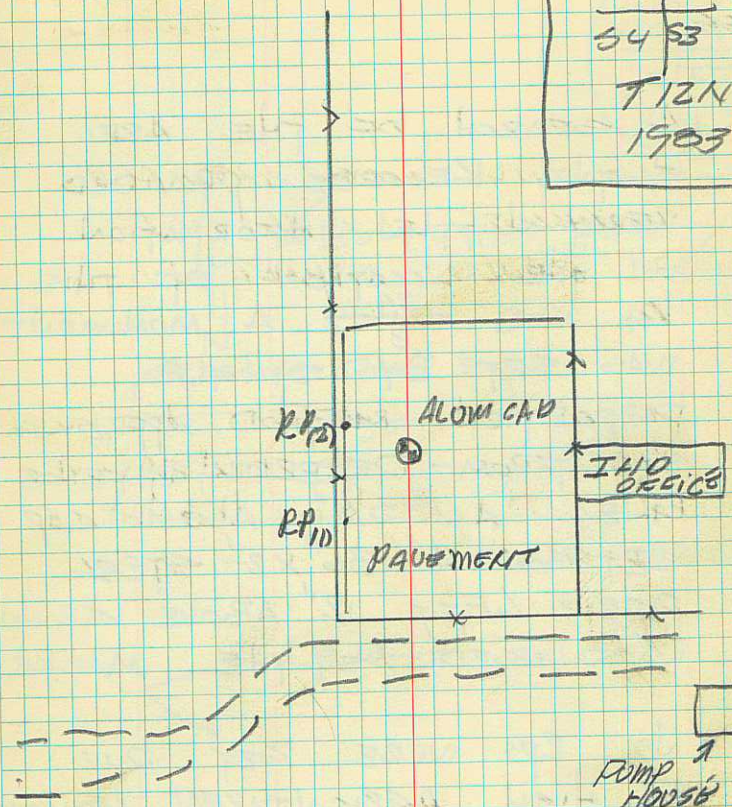
T13N. K1E

S33 S34

S4 S3

T12N

1903



US. 8791

OK

X IN FO. $69^{\circ}12'45''$ INT LET
2770.84

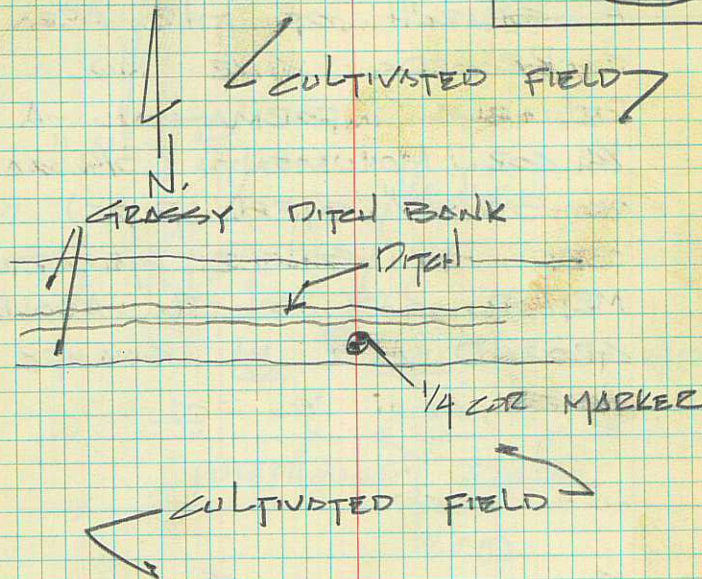
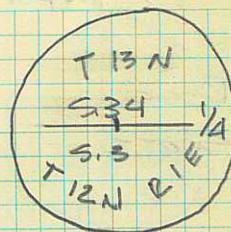
ROSS
SCOTT

A SEARCH OF THE AREA
& THE RECORDS PROVIDED
VERY LITTLE INFORMATION
ON THE LOCATION OF THIS
 $\frac{1}{4}$ COR $\frac{34}{3}$. A MONUMENT
WAS SET BY SINGLE
PROPORTION METHOD APPROX
4'-0" FROM DETERIORATING FENCE
LINE. A $3\frac{1}{4}$ " ALUM CAP
SET ON A $36" \times 2"$ STEEL
PIPE LEFT 12" ABOVE GROUND
WAS USED AS THE MARKER

NO RPS WERE SET DUE
TO HIGH AGRICULTURAL ACTIVITY
IN THE AREA

SECTION CORNER # 300

49



4400 NORTH ST.

OK

8 INFO.

140° 25' 48" RT
75.95'

ROSS
SCOTT

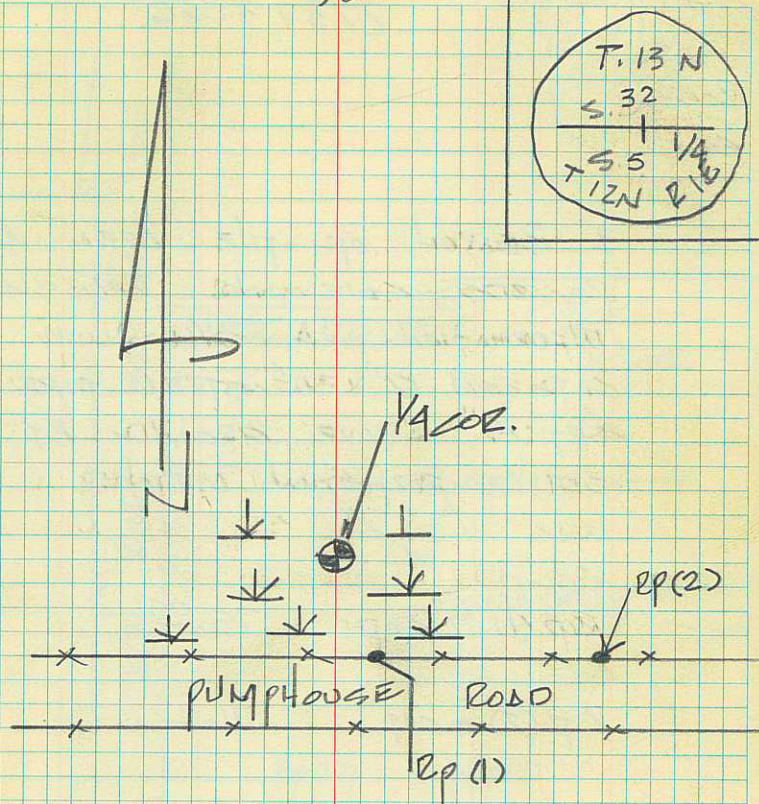
A SEARCH OF THE AREA
& RECORDS GAVE NO
RELIABLE INFORMATION. A
1/4 COR. MONUMENT (3 1/4" CAP
ON 36" x 2" STEEL PIPE) WAS
SET BY SINGLE PROPORTION
METHOD. CAP IS 16" ABOVE
GROUND AND IN SWAMPY
AREA

RP (1) → CAP 20.05

RP (2) → CAP 40.01

SECTION CORNER # 301

50



4 INFO.

176° 05' 04" RT
2737.3832

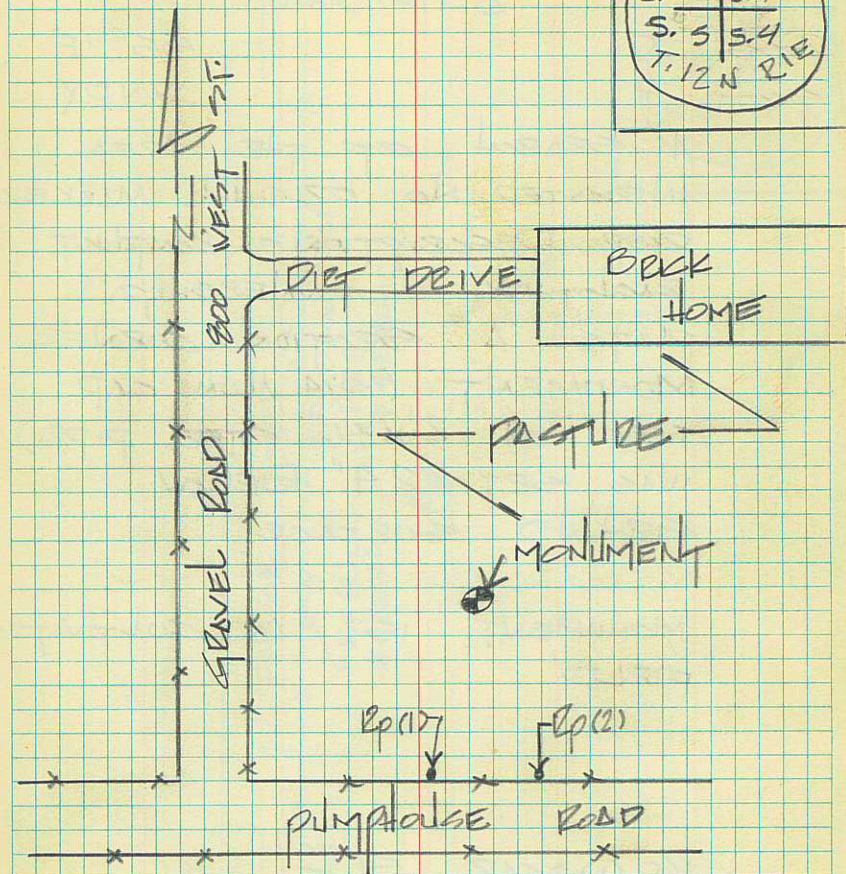
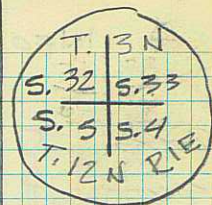
ROSS
SCOTT

A SEARCH OF THE AREA &
RECORDS GAVE NO RELIABLE
INFORMATION. A 3 1/4" ALUM
CAP. ON 2" x 36" STEEL PIPE
SET 4" ABOVE GROUND. BY
SINGLE PROPORTION METHOD

WEST Rp(1) → CAP. 75.05
Rp(2) → CAP. 76.95

SECTION CORNER # 302

51



ROGS ARE #5 x 36" STEEL REBAR
w/ 1 1/2" ALUM. CAPS SET APPROX
6" ABOVE GROUND

Δ INFO. $155^{\circ} 33' 28''$ & RT.
2390.5066

ROTS K
SAFT 4

55° F
WINDY

A SEARCH OF THE AREA
INDICATED NO ORIGINAL MARKER
PROP. DESCRIPTIONS CONFLICT
ENCLOTHED & OWNERSHIP
PLTS. A SECTION CORNER
MONUMENT (3/4" ALUM. CAP
SET ON 2" X 36" STEEL PIPE)
WAS SET 24" BELOW
GROUND SURFACE

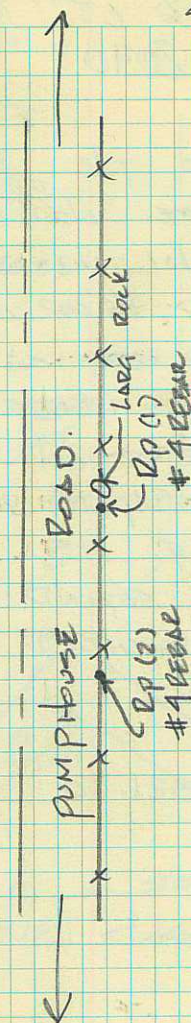
MONUMENT IS IN CULTIVATED
FIELD

RP (1) → CAP 51' 35"

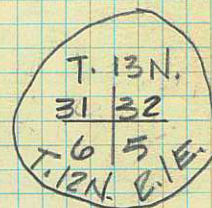
RP (2) → CAP 61' 59"

SECTION CORNER # 303

52



CULTIVATED FIELD



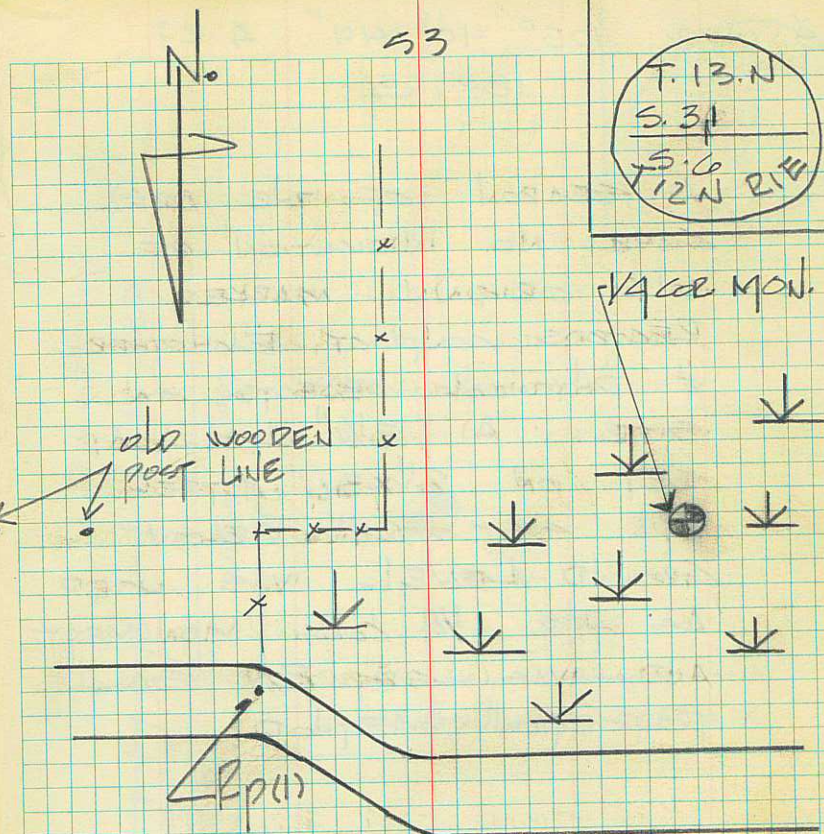
Δ INFO 53°24'58" LT'
321.2040

A SEARCH OF THE ^{AREA} ^{RELIABLE} RECORDS GAVE NO INFORMATION OF THE ORIGINAL MARKERS WHEREABOUTS A 1/4 COR MONUMENT (3 1/4" ALUM. CAP SET ON 2" x 36" STEEL PIPE) WAS SET ACCORDING TO SINGLE PORTIONING METHODS CAP IS STAMPED AS SHOWN NEXT PAGE & IS LOCATED IN A LARGE STAND OF CATTAILS (BULLRUSHES)

Rp (1) 7 CAP 321.20

Rp(2) → CAP

SECTION CORNER 304



Rp(1) IS #5 x 10" STEEL BEAM
BEEN FLUSH WITH ROAD SURFACE

OK

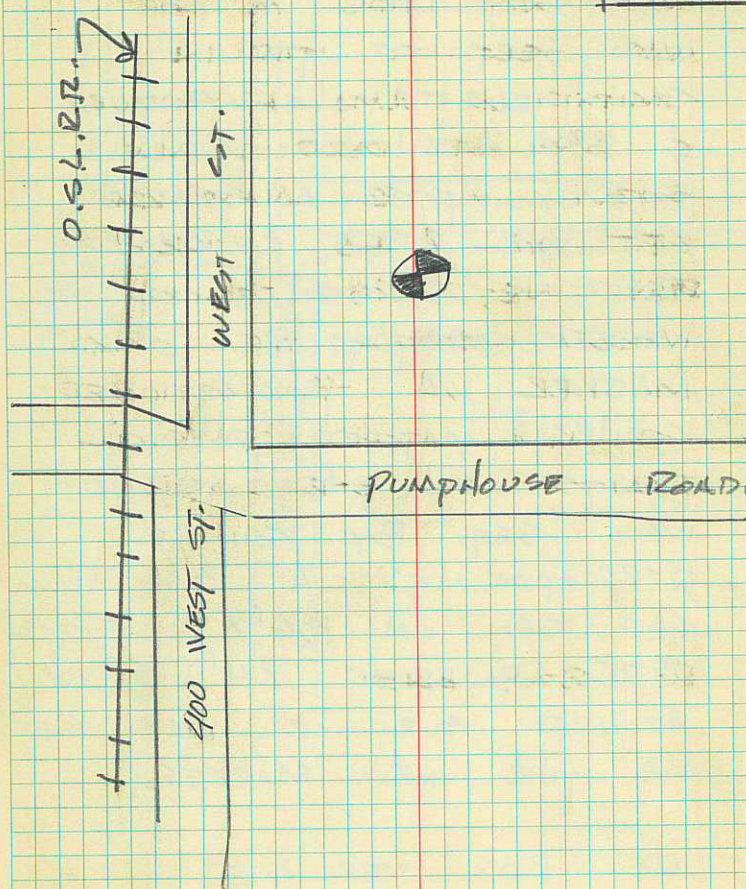
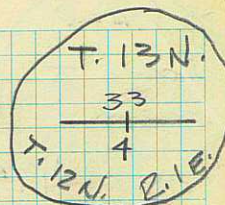
\$ INFO. $105^{\circ} 40' 44''$ A RT.
180.23

A SEARCH OF THE AREA
GAVE NO INDICATION OF
ANY ORIGINAL MARKER
RECORDS CONFLICT EACH OTHER
& PHYSICAL OBJECTS ON
SITE. A $3\frac{1}{4}''$ ALUM CAP
SET ON $2'' \times 36''$ STEEL
PIPE SET 24" BELOW
GROUND LEVEL WAS USED
AS THE $\frac{1}{4}$ COR. MONUMENT.
AND WAS SET BY SINGLE
PROPORTION METHOD

NO 2ND SET.

SECTION CORNER 305 .

54



OK

§ INFO.

233°49'14" RT

ROSS K
CROTT P

2729.83

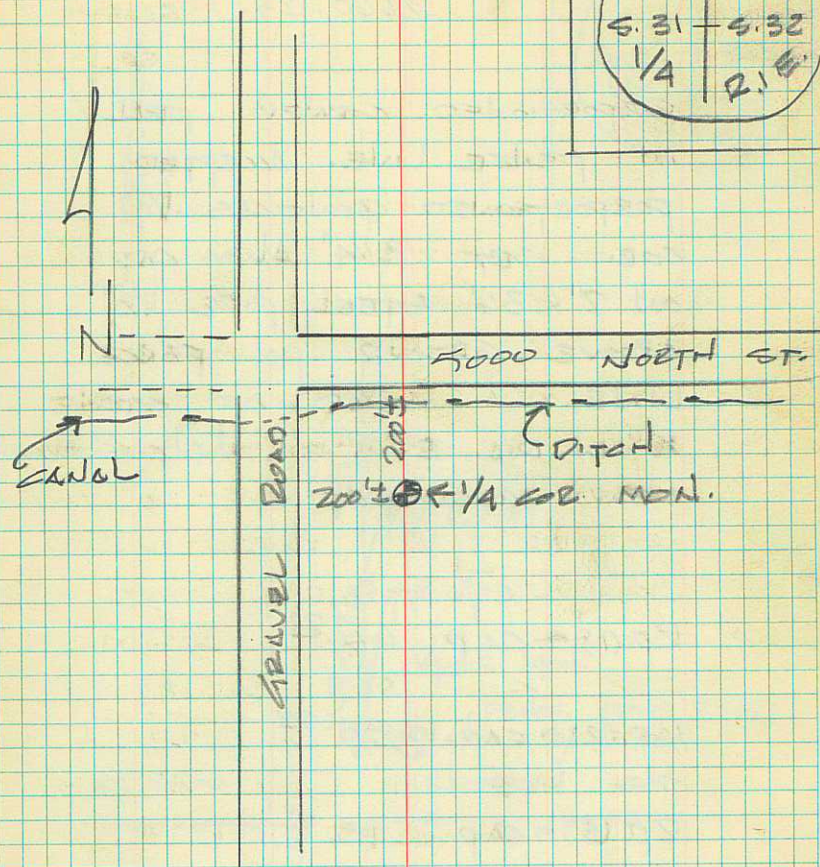
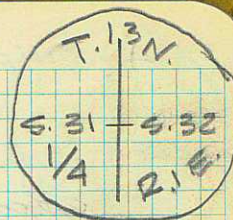
WARM 60°
CALM.

AFTER 3RD STANDARD PARALLEL
WAS SET THIS 1/4 COR.
WAS SET TO TIE IN
SMITHFIELD - AMALGA SURVEY
§ 3RD STANDARD PARALLEL
SURVEY. AFTER A SEARCH
OF THE AREA § RECORDS
HAVE NO EVIDENCE OF THE
WHEREABOUTS OF THE ORIGINAL
MARKER. A PROPORTIONED
CORNER ^{THAT} MATCHED PHYSICAL
TRAITS ON THE GROUND
WAS SET BY COINALE
PROPORTIONING. A 3/4" ALUM
CAP SET ON 3/4" X 2" STEEL
PIPE BURIED 24" BELOW
GROUND SURFACE WAS USED
AS THE NEW MARKER.

NO RP'S WERE SET

SECTION CORNER # 306

55



4 INFO. $86^{\circ}59'55''$ LFT
2660.23

PROPORTIONED CORNER FELL
IN FENCE LINE. ACCEPTED
PROPORTIONED POINT AS $\frac{1}{4}$
COR. SET $3\frac{1}{4}''$ ALUM CAP
ON $2'' \times 36''$ STEEL PIPE 12"
ABOVE GROUND IN FENCE
LINE. A MOUND OF STONE
12" IN DIA. & 3" IN HEIGHT SURROUNDS
NEW MONUMENT

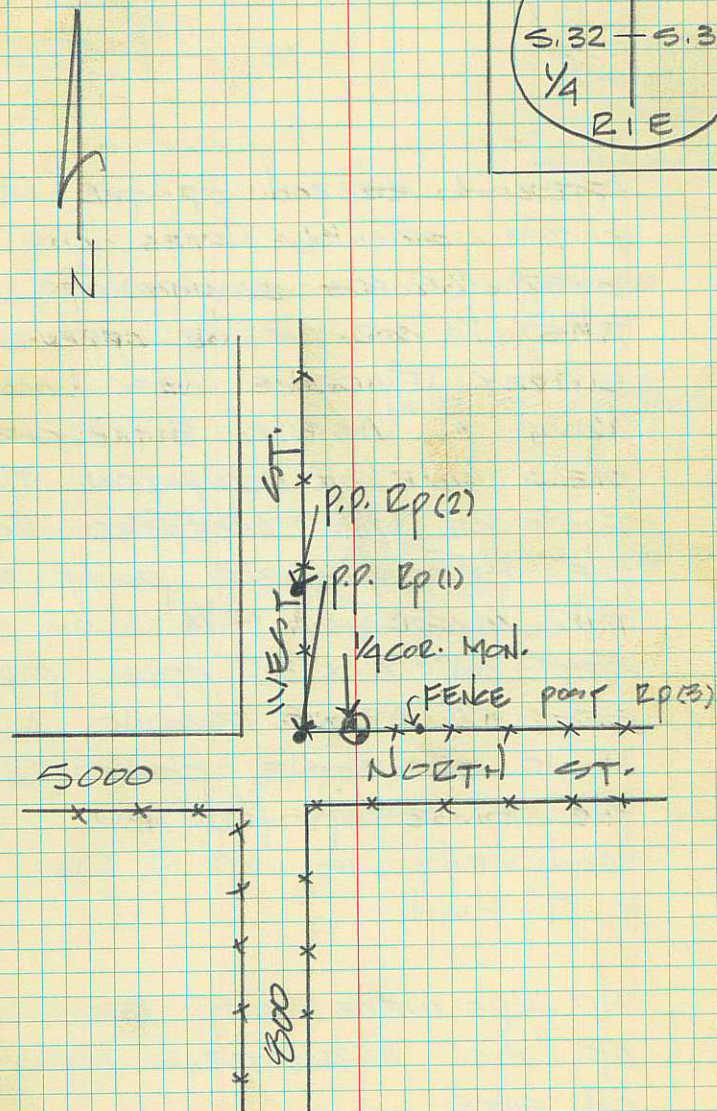
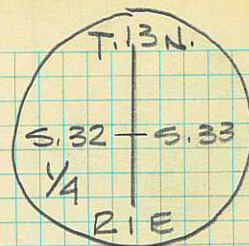
RP(1) $\rightarrow$ CAP 68 21'

RP(2) $\rightarrow$ CAP 88 04'

RP(3) $\rightarrow$ CAP 15 21'

SECTION CORNER # 307

56

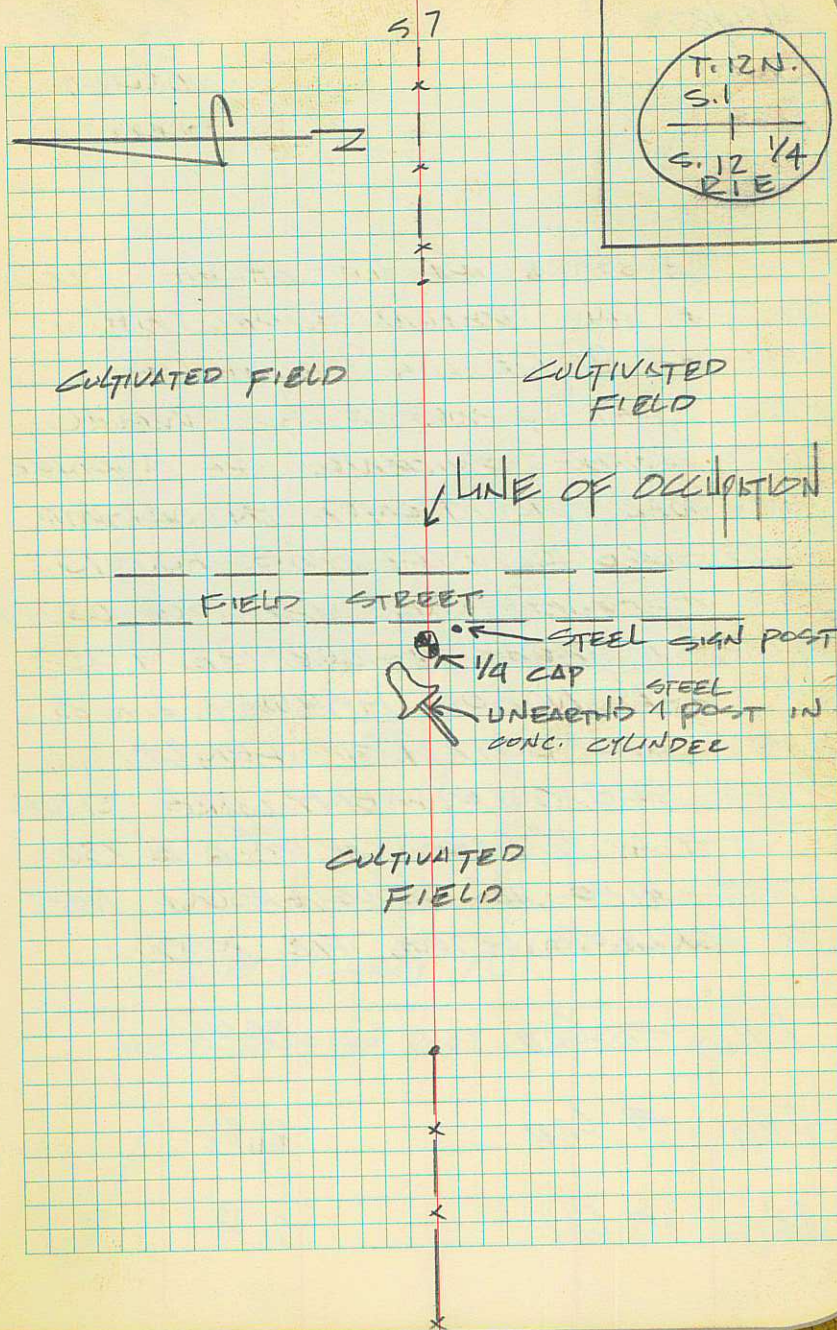


ROSS
SCOTT

WARM 60°
BREEZY

AFTER A SEARCH OF THE AREA
THE ORIGINAL NOTES AND
OTHER RECORDS COMMON TO
THIS $\frac{1}{4}$ COR. SOME PREVIOUS
SURVEY EVIDENCE WAS LOCATED
ALONG A "VISIBLE" ESTABLISHED
FIELD LINE OF OCCUPATION. THIS
EVIDENCE WAS ACCEPTED AS
THE BEST POSSIBLE POINT FOR
THE $\frac{1}{4}$ COR. A $3\frac{1}{4}$ " ALUM CAP
SET ON 2" X 36" STEEL PIPE
SET 12" ABOVE GROUND. A
MOUND OF STONE FORMED @
THE BASE OF THE NEW
MONUMENT IS. 20" IN DIA.
7" HIGH.

NO RPS WERE SET BECAUSE
OF HIGH AGRICULTURAL ACTIVITY
ON SITE.



4/26/83

Scott

Roes

Cld 35°

P. Cloudy

Calm

A SEARCH OF THE AREA
REVEALED NO EVIDENCE OF THE
ORIGINAL STONE. A SEARCH OF
PROP. PLAT'S, AIRPLS & ORIGINAL
NOTE GAVE EVIDENCE OF CORNER.
THE ROAD MENTIONED IN ORIGINAL
NOTE COULD NOT BE FOUND.
THE MEASUREMENTS OF SURROUNDING
PROP. INDICATED CORNER TO
BE 231' NO. OF HIGHWAY & 263'
EAST OF ESTABLISH CORNER.

TRUE MEASUREMENT ARE SHOWN.

SET A 3" BRASS CAP ON A 2" X 36"
STEEL PIPE 12" ABOVE GROUND. NEXT
TO CONCRETE STEEL FENCE POST.

R.P.(1) → CAP 80.64

R.P.(2) → CAP 61.36

R.P.(3) → CAP 71.13

58

T 11 N

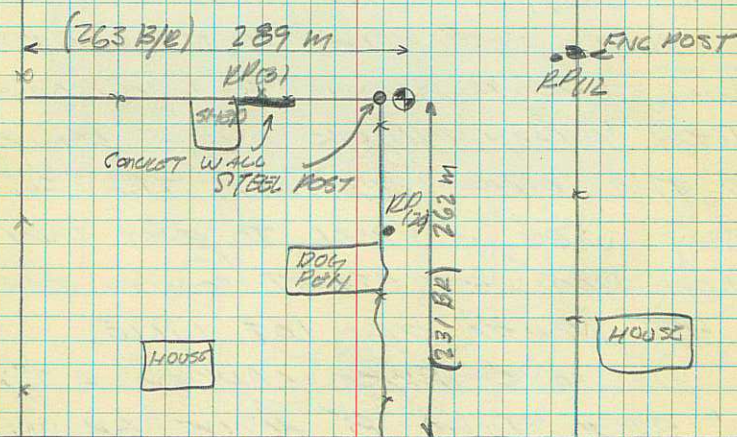
1/4 31

1983

T 10 N, R 15 E



NOTE: R.P.s (1), (2) ARE
1 1/4" ALUM CAPS ON 5/8" REBAR
* R.P.(3) IS "X" IN CENTER
OF CONC. WALLS. ALL DIST.
ARE STOP WITH A CLOTH
* TAPES.



STATE HIGHWAY 101

DIST TO STEEL POST = 0.56'

Handwritten signature or initials.

SCOTT
ROSS

Loc 40°
P. Clouery
Carm

A SEARCH OF THE GROUND IN
AREA OF CORNER REVEALED AN OLD
ROCK FOUNDATION WITH THE N.W.
CORNER OF FOUNDATION HAVE A STONE
CLOSE TO THE SHAPE OF ORIGINAL
MONUMENT, BUT NO MARKS. THERE
IS ALSO A 2" STEEL POST NEXT TO
THIS STONE. MEASUREMENTS FROM ORIGINAL
NOTES 1/2' FROM PLATE WERE COMPARED
TO THE PILES LOCATION. THEY FIT
VERY WELL. I.E. 303.6 TO EAST FENCE
ALONG 1200 WEST STREET (COUNTY ROAD)
1/2 49' NORTH OF LOT LINE.

SET A 3" BRASS CAP ON A 2" X 36" STEEL PIPE 8" ABOVE GROUND IN SMALL MOUND OF STONE

$RD_{(1)} - CAP$ 48.22

$$RP(2) = CAP \quad 67.7\%$$

RR ₁₃ - CAP	60.68
------------------------	-------

RR 141 → CAP 60.62

59

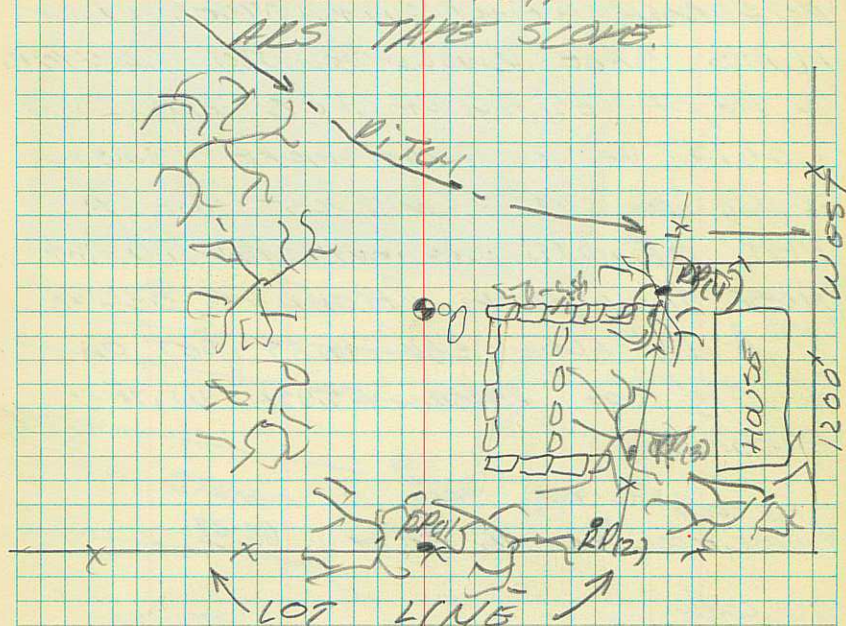
T 112

NOTE RPS 1(1), (2), & (4)
ARE 1/4" ALUM CAPS ON
5/8" REBAR. RPS₃ IS
NAIL & FLASHER IN
FNC POST. ALL DIST.
RPS TAPS 5

$$\frac{1}{4} \overline{) 32} \quad \begin{array}{r} 8 \\ 5 \end{array}$$

F104, K15

1933



4/26/83 P.M.

SCOTT

ROSS

Prod 45°

P. Cloudy

Calm

A SEARCH OF GROUND REVEALED
NO EVIDENCE OF ORIGINAL STONE.
A SEARCH OF ORIGINAL NOTES & PROP
PLATS GAVE CALLS TO THE CORNER.
A TIE OF 33' SO, OF $\frac{1}{4}$ OF RAILROAD
& 57.75' WEST FROM THERE WAS
FOUND ON PROP DESCRIPTIONS. A
DIST. OF 819' WAS MEASURED TO 100
~~WEST~~ IN HYDUM. RECORD IS 820.28'
EAST. A $1\frac{1}{4}$ " ALUM. CAP WAS SET ON
A $5\frac{1}{8}$ " x 36" REBAR FLUSH WITH
GROUND.

N.E. CORN
CINDER BLOCK BUILDING → CAP 66.39

N.W. CORN
MAINTANCE BUILDING → CAP 79.15

60

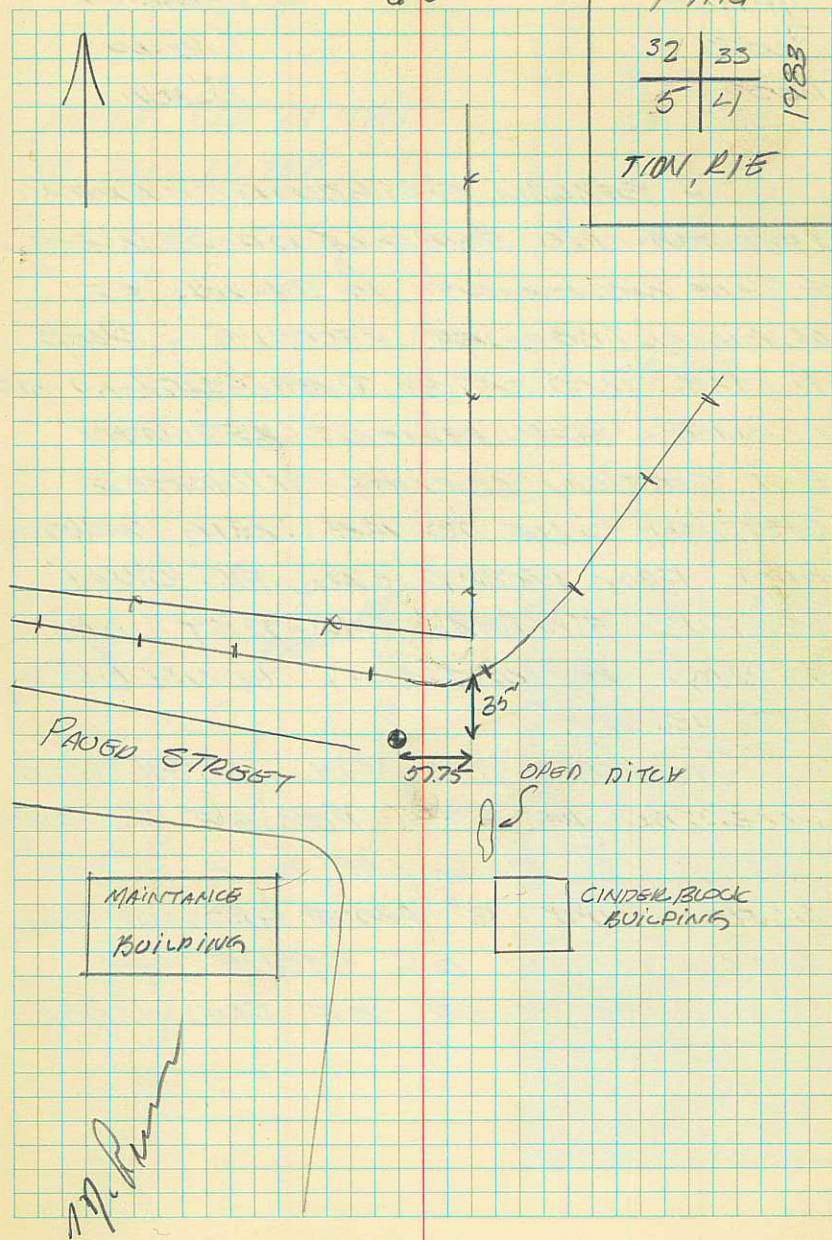
T 1114

32 | 33

5 | 41

1983

T 1114, R 15



4/29/83
SCOTT
ROSS

COOL 60°
CLAMP
RAIN

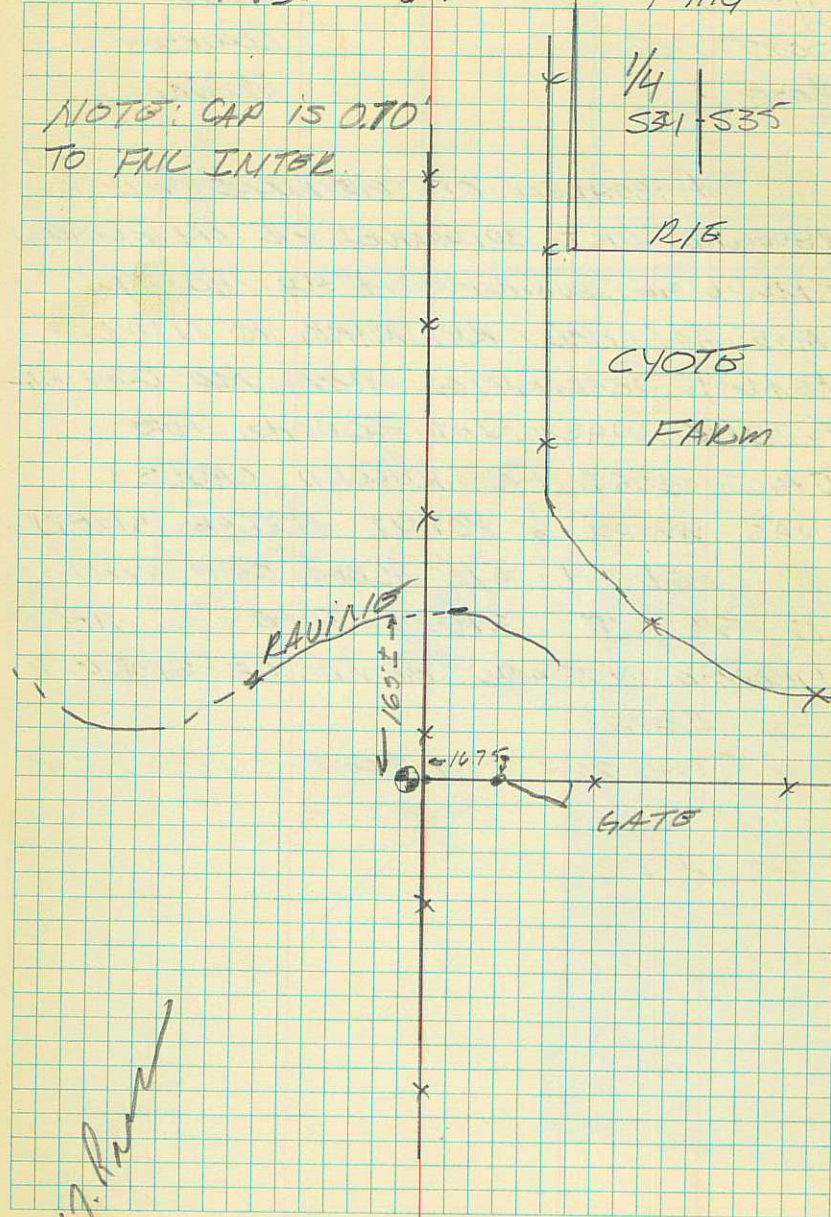
A SEARCH OF GROUND AREA
REVEALED NO EVIDENCE OF ORIGINAL
STONE MONUMENT. A SEARCH OF
ORIGINAL CORNER RECORDS & PROP.
PLATES INDICATED THE LOCATION OF
CORNER. MEASUREMENT BETWEEN
SET SECTION CORNER INDICATED
SECTION LINE TO 138' LONG. MEASURED
BACK FROM RECORD CALL FR "RAVINE"
TO FNL INTER. THE DIST WAS
APPROX PROPORTIONIT LONG (165' M,
132' RECORD).

THEREFORE, THE FNL INTER WAS
ACCEPTED AS BEST POSSIBLE EVIDENCE.
SET A $3\frac{1}{2}$ " ALUM CAP ON A 2" X 36"
STEEL PIPE, 12" ABOVE GROUND IN
SMALL MOUND OF STONE. CAP
IS ON WEST SIDE OF FNL INTER

#732 61

T 1114

NOTE: CAP IS 0.70'
TO FNL INTER.



17. April

4/29/83

SCOTT

ROSS

COOL 55°

CLOUDY

RAIN

A SEARCH OF THE RECORDS
REVEALED DIST. BOIRANLE FR AN ESTABLISHED
FNL LINE RUNNING S-W (339.9')
AND A CANAL RUNNING 10° N.E.
(39.6'). SEARCHING AREA NO ORIGINAL
STONE WAS NOT FOUND. THE
EXACT DIST. FR. RECORD CAULS
WAS MADE; POINT ESTABLISHED
SET A 3 1/2" ALUM CAN ON
A 2" X 18" STEEL PIPE 2' ABOVE
GROUND. IN SMALL MOUND OF STONE.

#759

02

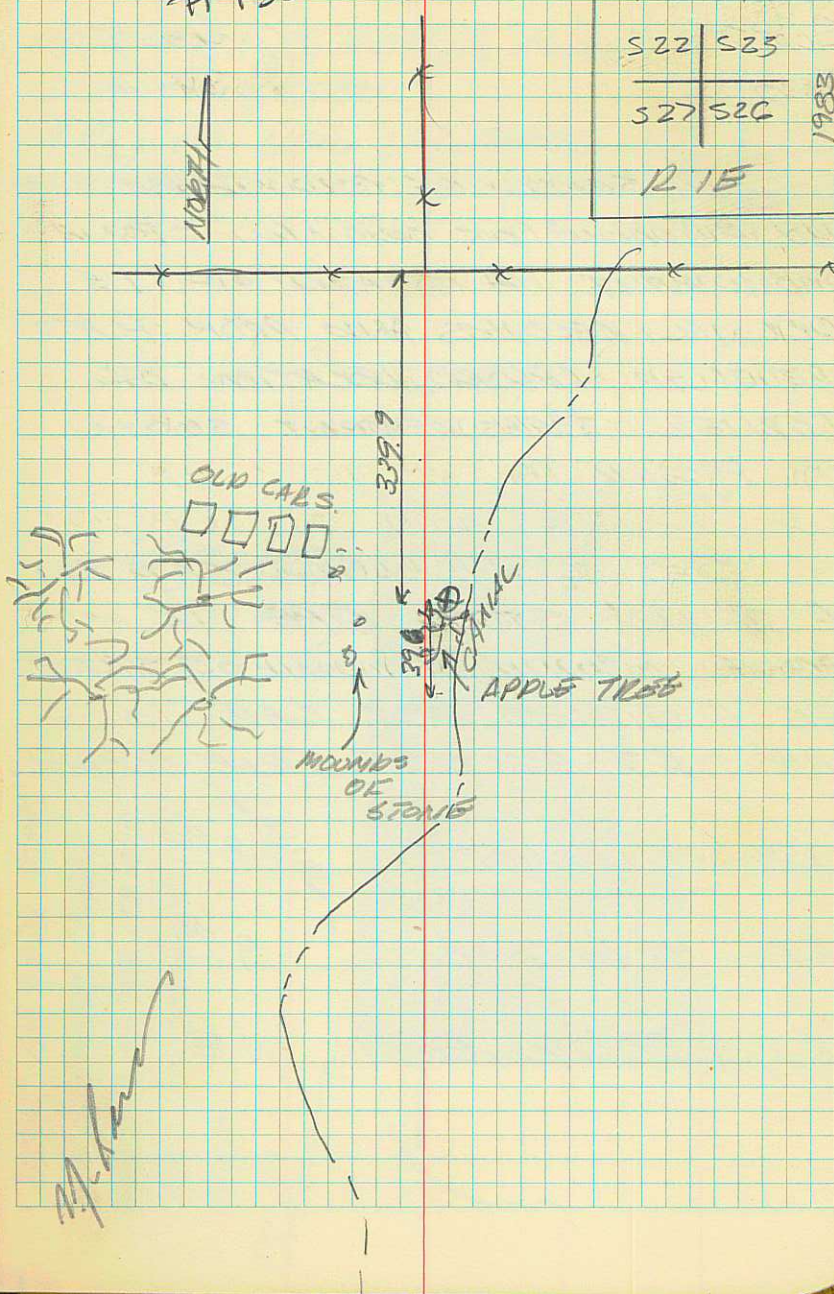
T 11 14

S 22 S 23

S 27 S 20

12 15

1983



Snow

$KP(B) \rightarrow \text{GOKNIB}$ 16. 88

NOV 1967 NO MON. STAY
AT CORNER CORN
WAS ACCIDENTAL AS OUR
POST IN CENTER OF
TRUCK
CANAL
86-7.70K-556.0M
FR 6 OF CANAL

10/27. NO MON. 5:27
AT CORNER CORN
WAS ACCIDENT AS DR
WAS IN CORNER OF

1258

17

63

7112

22 + 23

215
1983

5/20/83
SCOTT
ROSS

COOL 53°
PARTLY CLOUDY
BREEZE

NO EVIDENCE WAS FOUND
ON THE GROUND OR IN
ORIGINAL NOTES AND PROJ.
DISCUSSION. THE CORNER
IS IN THE MIDDLE OF A
CULTIVATED FIELD.

THE CORNER WAS RECLEANED
LOST. BY THE COUNTY SURVEYOR
A PORTION BETWEEN THE
1/4 CORN. NORTH & SOUTH WAS
MADE AND A POINT SET.

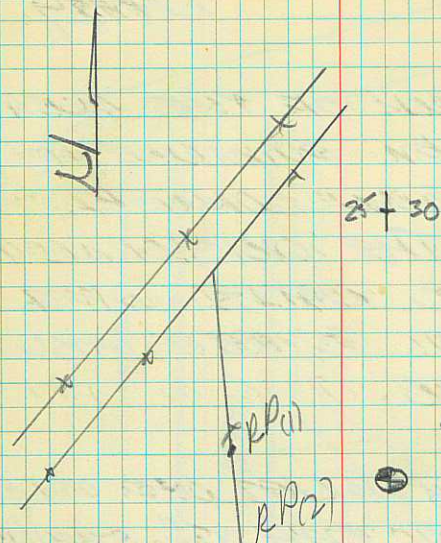
SET A 3" BRASS CAP ON A
2" X 18" STEEL PIPE 24" BELOW
GROUND.

CAP → R.P.(1) 137.03

CAP → R.P.(2) 129.96

64

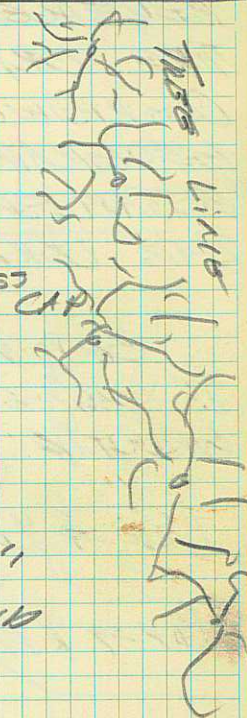
THIN
S25 S30
R536 S31
1983
R536



NOTE: R.P.s ARE 5/8" X 36"
REBAR 12" ABOVE GROUND
DIST. AND STEEL TAPES
ON THE HORIZONTAL
FOR REBAR. DIST SEE
BOOK FOUR.

36 | 31

R.P. (1)



MAY 20, 1983

SCOTT

ROSS

WIND 60°
Puffy Cloudy
Breezy.

A SEARCH OF THE AREA
REVEALED ON EVIDENCE OF
THE ORIGINAL CORNER.
COMPILING THE ORIGINAL NOTES
GEOGRAPHIC CALLS WAS
ESTABLISHED TO REESTABLISH
THIS CORNER.

SET A 3" BRASS CAP ON A
2" X 36" STEEL PIPE 12" ABOVE
GROUND.

CAP → KV(1) 41.50

CAP → RP(2) 54.31

VOID

65

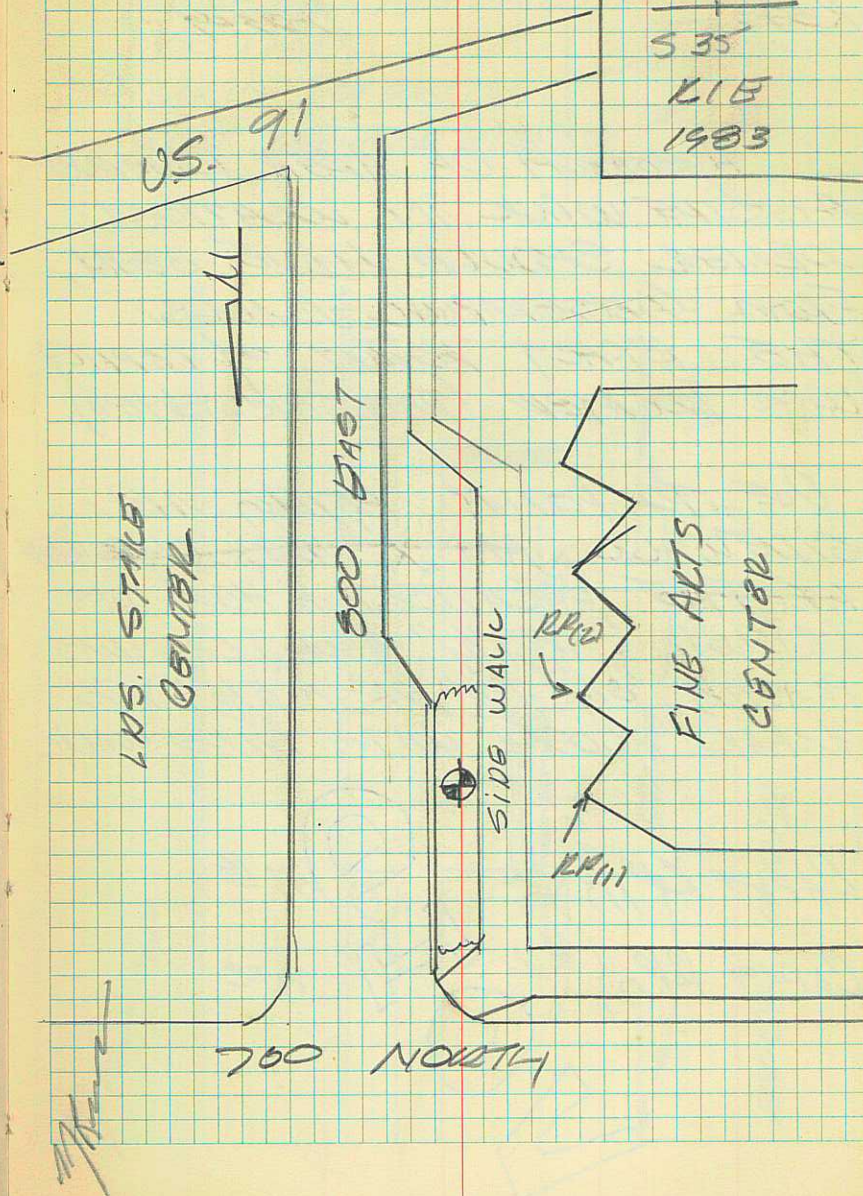
TIZM

520

535

KLB

1983



MAY 20, 1983
SCOTT
ROSS

Walter G.
Part 4 Copy
Box 24

A SEARCH OF AREA REVEALED
A SIDE WALK IN LOCATION
CORNER SHOULD HAVE BEEN,
FROM GEOGRAPHIC CALLS
THE EXACT POINT OF CORNER
WAS LOCATED (REESTABLISHED).

Due to point being in
sidewalk an "X" was ~~chosen~~
~~at this location~~. A hole was
drilled & a $1\frac{1}{4}$ " Alum CN was
placed on top of a $5\frac{1}{8}$ " x 3C
kebar flush with sidewalk.

$$P_{AP} \rightarrow KP_{11}$$
$$C_{AP} = RP_{(2)}$$

Q11) 53.16

Q12) 79.25

64

TIZN

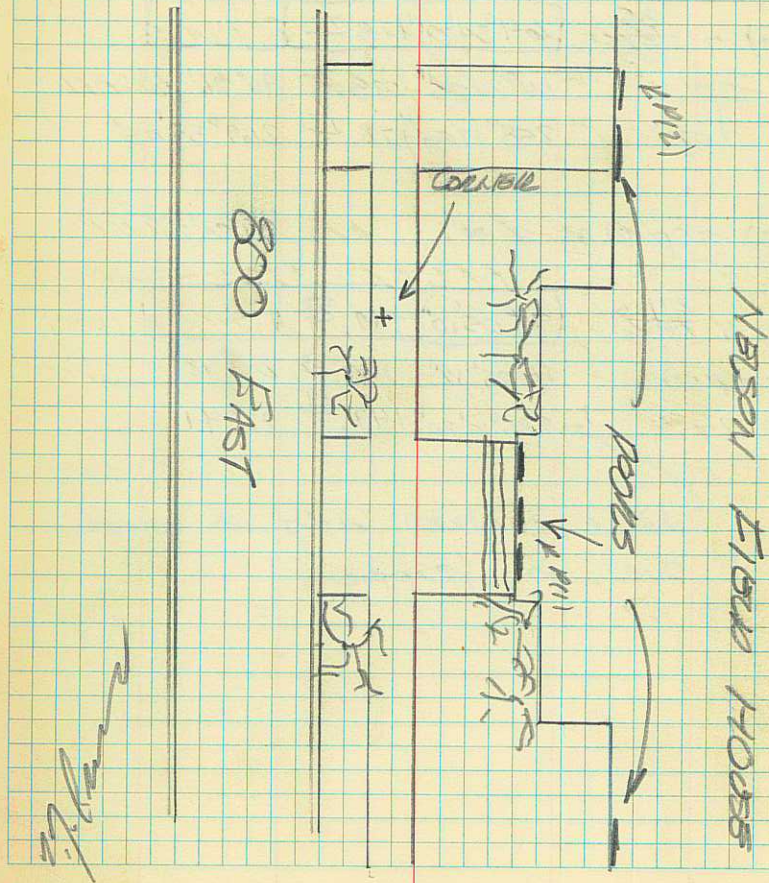
NOTE RPS ARE CENTER 527 526
OF DOORS. 524 525

LAH IS 2.0' EAST OF
WEST EDGE OF SIDEWALK

534 / 535

K1E

1983



UNIVERSITY SURVEY

ROSS T

5-23-83

SCOTT P

WARM 60°F

STA → STA HORIZ & S. DIST VERT &

Cp(10) → Cp(11) BS 0°00' 91°00'55"

Cp(10) → $\frac{26}{35}$ 64°34'29" 178.76

BS. Cp(11) 64°34'25" 178.76 90°26'20"

INT LFT. 258°17'55" 178.77 269°33'08"

Cp(3) → Cp(2) BS 0°00' 89°25'20"

Cp(3) → $\frac{27}{34}$ $\frac{26}{35}$ 95°05'10" 149.32

BS. Cp(2) 95°05'12" 149.33 89°48'

INT RT → 285°15'30" 149.31 27°41'

ANGLE CRANKED ONLY 3 TIMES
DUE TO TRAFFIC

67

May 25, 1983
Scott
Ross

Hot 85°
Clear
Calm

A SEARCH OF THE GROUND
AREA $\frac{1}{2}$ OF ORIGINAL RECORD
 $\frac{1}{2}$ PROP. DESCRIPTIONS, NO
EVIDENCE WAS REVEALED
OF THIS CORNER. CORNER
IS LOST.

A PORTION BETWEEN
THIS SECTION CORNERS
NORTH & SOUTH WAS MADE
(SEE BOOK SIX - TIN KIB
CORNER).

SET A $\frac{1}{2}$ " BRASS CAP ON A 2" X
18 STEEL PIPE 2" BELOW
GROUND LEVEL IN A MOUND
OF STONE.

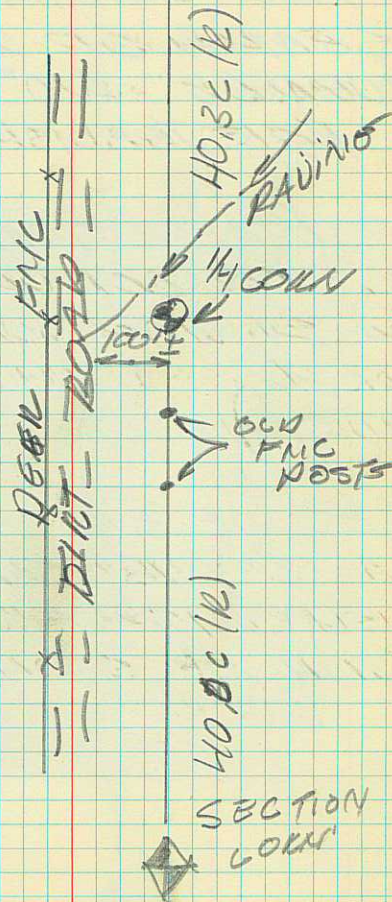
68
SECTION
CORNER

TIN KIB

52-51

1/1

1983



MAY 15, 1983

SCOTT

ROSS

HOT 85°

CLEAR

CALM

A SEARCH OF THE GROUND
AREA REVEALED NO EVIDENCE
OF THE ORIGINAL MONUMENT.
A SEARCH OF ALL RECORDS
REVEALED NO EVIDENCE
TO REESTABLISH CORNER.

A PORTION BETWEEN
SECTION CORNERS NORTH
& SOUTH WAS MADE (SEE
BOOK 6 - THIN RIB
SURVEY).

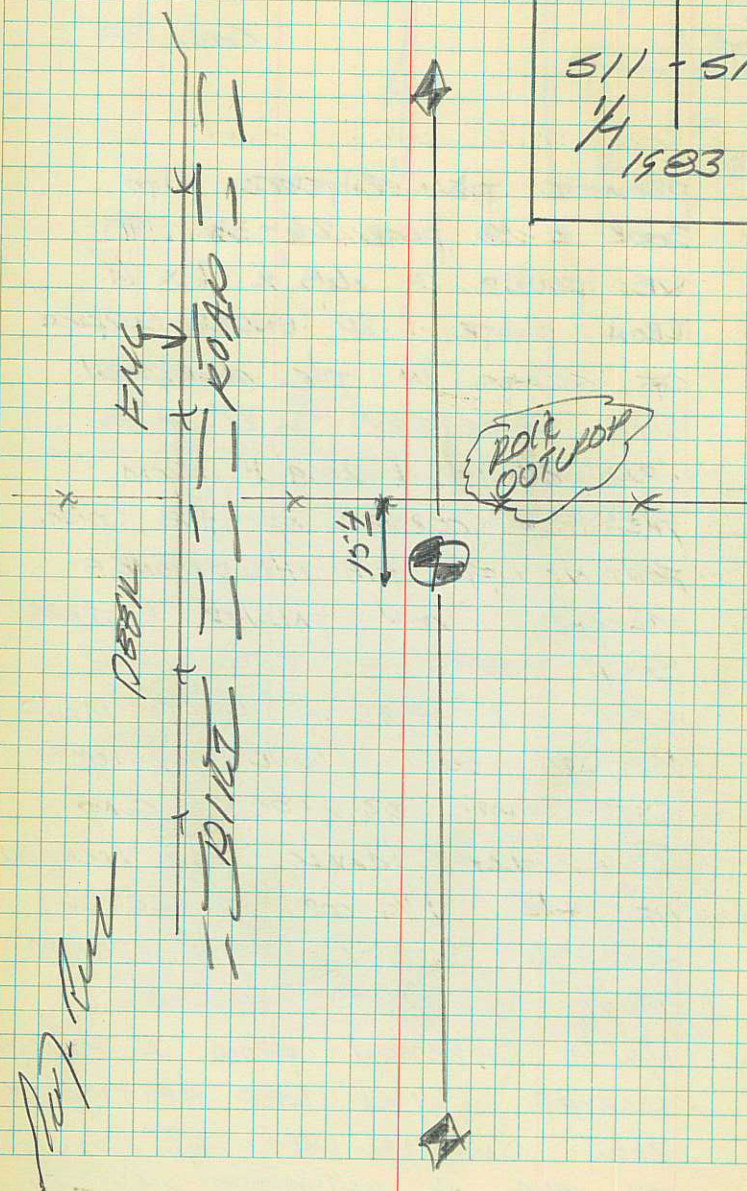
SET A 3 1/2" ALUM. CAP
ON A 2" X 18" STEEL PIPE
FLUSH WITH GROUND IN
MOUND OF STONE.

69

THIN RIB

S11 - S12

1/4
1983



ROSS
SCOTT

N. 1/4 COR SEC. 26
T. 14 N. R. 2 W.

JUNE 21
COOL 55° F.

FROM A TIE ENTERED INTO
BOOK # 18 PAGE 26-33 1915
WE FOUND A .65' X .7' X 1/4"
IRON PLATE .20' UNDER SURFACE
OF GRASS IN THE CLARKSTON
CITY CEMETERY S. 22° 18' E.
.30 CHAINS (20.9') FROM
THE S.E. CORNER OF THE CONC.
FOOTING FOR THE HEADSTONE'S
MARKED JOHN TANNER BUTTERS
BORN SEPT. 5, 1882 DIED
SEPT. 17 1882 & LUCY MAUD
BUTTERS BORN JUNE 15, 1888
DIED MAR. 22, 1889 SAID
IRON PLATE MARKS THE LOCATION
OF THE N 1/4 COR. OF SEC. 26
T. 14 N. R. 2 W. OF THE SLBM
PLATE IS ALSO 2.5' IN A
N.W. LY DIRECTION FROM A HEADSTONE
MARKED GALEN LEE HEITMEYER
BORN JAN. 23, 1949 DIED JAN.
24 1949. NO MONUMENT WAS SET
IN ITS PLACE

70

T. 14. N.

23

26

2 2 E

CONC. FOOTING
2 HEADSTONES
MARKED AS DES.

IRON PLATE

HEADSTONE
MARKED AS
DESCRIBED

CONC. FOOTING

A. J. Brown
OF MARTIN HARRIS
HEADSTONE

July 7, 1983

ROSS

JIM GASS

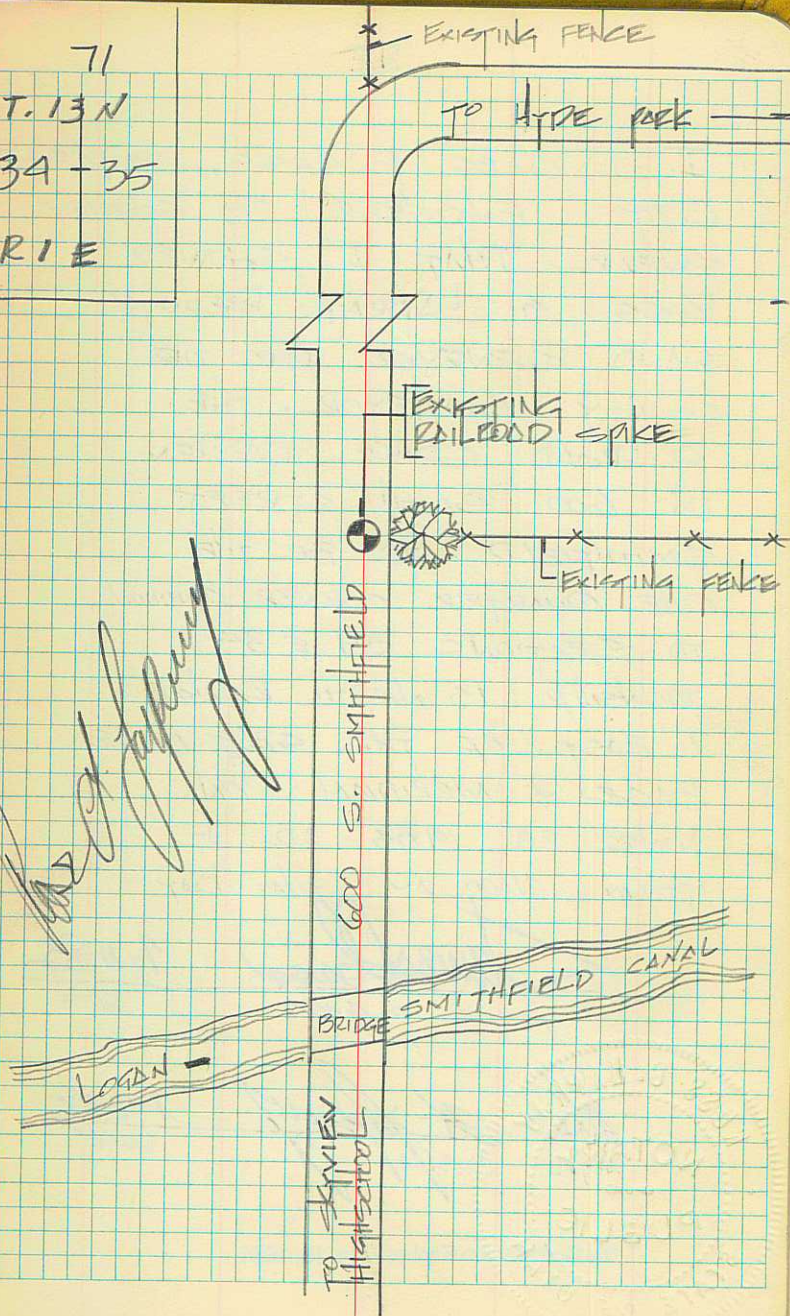
Hot 93°F.
CLEAR

WITH INFORMATION GIVEN TO
ME BY JAMES P. GASS
SMITHFIELD CITIES ENGINEER
I FOUND A RAILROAD SPIKE
DRIVEN IN THE ROAD SURFACE
WITH THE HEAD OF THE SPIKE
SET FLUSH WITH THE ASPHALT
PAVING. SPIKE IS APPROX
3' (THREE FEET) NORTH OF
THE SOUTH EDGE OF PAVEMENT.
THIS CORNER HAS BEEN
USED BY LOCAL SURVEYORS
FOR A NUMBER OF YEARS
AND IS IN A STATE
OF GOOD REPAIR. NO
R.P.'S WERE SET FOR THIS
CORNER.

SEE NEXT PAGE FOR
TESTIMONY.

71
T. 13 N
34-35
R 1 E

Red Survey



I. JAMES P GASS, SMITHFIELD
CITY ENGINEER. DO SOLELY
SWEAR THAT I SHOWED
ROSS G. LARSEN DEPUTY
LAND SURVEYOR FOR THE
COUNTY SURVEYOR, THE
RAILROAD SPIKE DRIVEN
IN 600 SOUTH STREET
SMITHFIELD TO BE THE
ONE QUARTER CORNER COMMON
TO SECTIONS 34 & 35
TOWNSHIP 13 NORTH RANGE
1 EAST OF THE SALT LAKE
BASE & MERIDIAN ON.
JUNE 28 1983 A.D. AT
APPROX 11:00 AM THAT DAY

James P. Gass

JAMES P. GASS

7-11-83

DATE

R. A. Lapsley

NOTARY PUBLIC

7-11-83

DATE

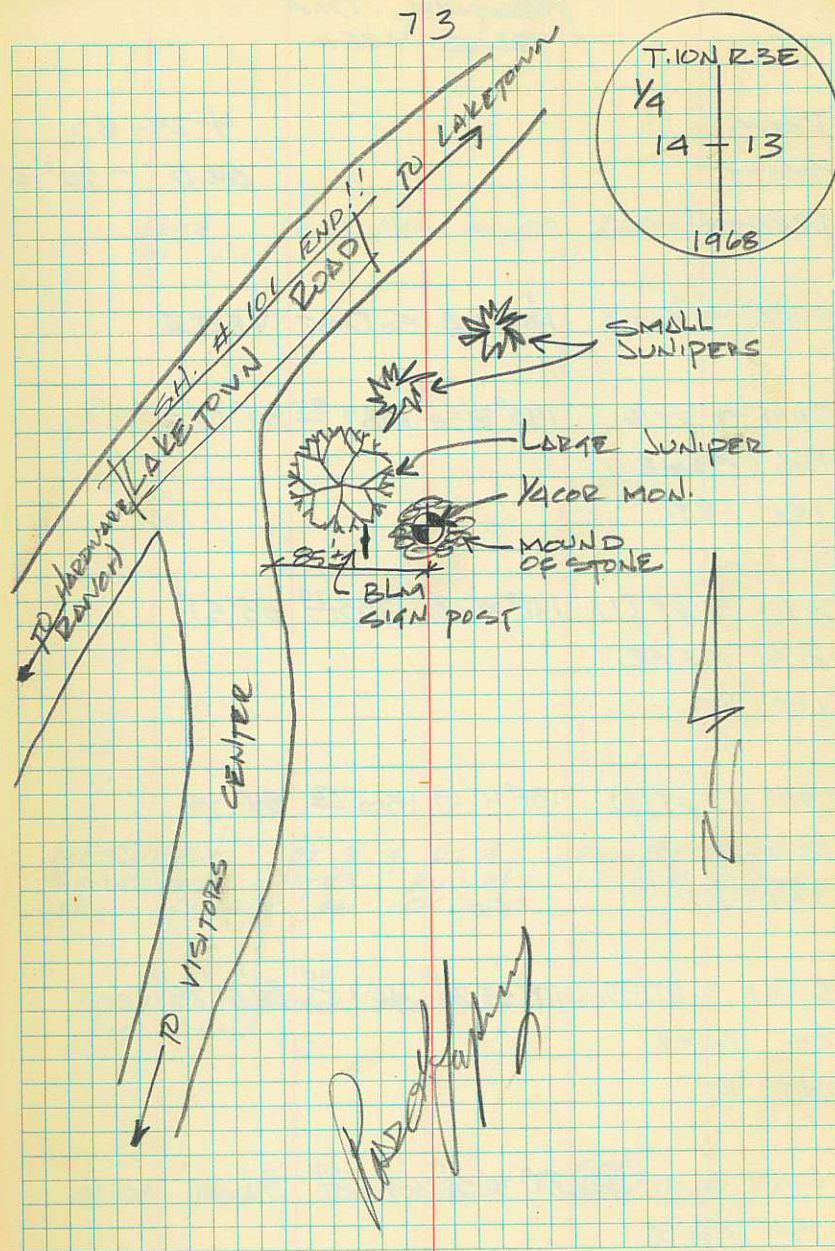
My Commission Expires Dec. 18, 1984

ROSS
JULY 8 1983

HOT
95° F.

A BLM BRASS CAP SET
ON A 2" GALV. IRON PIPE
WAS LOCATED 85' ± EAST
OF THE HARDWARE RANCH
VISITOR INFORMATION CENTER
ACCESS ROAD THIS WAS
ACCEPTED AS THE 1/4 COR.
BETWEEN 14 & 13 T. 10 N
R 13 E. SAID CORNER WAS
SET IN 1968

NO RPS WERE SET BECAUSE
OF BLM RECORDS AVAILABLE
@ OUR OFFICE.



Porcupine Dam
Slide Area

ROSS
SCOTT
PRESTON!

4-29-83
COLD - 20° F.

STA → STA Horiz & S. DMT VERT &

CP(1) → PT(6) 143° 33' 50" 1087 ⁸⁴ 85° 53' 30"
B.S. SAME
INT RT.

CP(1) → PT(7) 142° 34' 08" 1783. ⁷⁰ 83° 51'
B.S. SAME
INT RT.

CP(1) → PT(8) 138° 47' 42" 1500 ¹² 84° 35'
B.S. SAME
INT RT.

CP(4) → PT(9) 118° 58' 20" 1107 ⁸⁰ 88° 51' 25"
B.S. SAME
INT RT.

CP(1) → PT(10) 87° 30' 50" 587 ¹² 80° 21'
B.S. SAME
INT RT.

74

NOTE SLIDE HAS MOVED APPROX 100'
UP HILL

BETWEEN PT 8 & PT 9 GROUND SUPER
SATURATED. WATER AUDIBLE IN SUB SURFACE
NO SLIPAGE AS OF YET.

VISIBLE SLIPAGE OCCURRING 200' WEST.
(UP HILL)

SLIDE AREA 200' NORTH & 500' WEST

PORCUPINE SLIDE
AREA

April 29
1983

SCOTT
DOUG
DREXON

STA → STA HORIZ & S. DIST VERT &

CP(1) → BS 0°00'

CP(1) → PT(1) 127°55'10" 436⁸³ 85°56'

BS FAR EAST
POLE @ SPILLWAY
INT RT.

CP(1) → PT(2) 144°58'52" 436³⁵ 88°12'30"

BS SAME
INT RT.

CP(1) → PT(3) 158°51'15" 577²¹ 88°48'

BS SAME
INT RT.

CP(1) → PT(4) 161°00'25" 710³² 88°51'05"

BS SAME
INT RT.

77

HORIZ S. DIST VERT &

CP(1) → PT(5) 169°55'15" 937.17 88°41'

BS SAME
INT RT.

NEW CRACK S. NORTH OF
PT (5)

NOTE

FOR PERIMETER SHOTS
SEE PREVIOUS PAGES

1/4 W

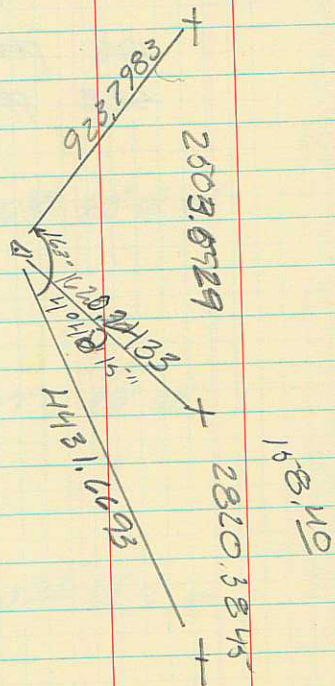
H.S. S.D. V.X
0° 4437.50 89° 03' 45" -11"

+

4° 48' 15" 1623.30 93° 31' 00"

1/4 E.

163° 31' 15" 925.50 93° 28' 30"



$$\frac{a}{\sin A} = \frac{b}{\sin B}$$

INDEX OF CURVE AND REDUCTION TABLES

Table I—SLOPE STAKE

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Table IV—NATURAL TRIGONOMETRICAL FUNCTIONS

CURVE FORMULAE

Table V—TANGENTS AND EXTERNALS TO A 1° CURVE

USEFUL RELATIONS

Table VI—INCHES TO DECIMALS OF A FOOT

Table VII—MINUTES IN DECIMALS OF A DEGREE

Table VIII—MIDDLE ORDINATES OF RAILS

Table IX—SHORT RADIUS CURVES

Table X—RODS IN FEET, 10THS AND 100THS OF FEET

Table XI—LINKS IN FEET, 10THS AND 100THS OF FEET

TABLE X. RODS IN FEET, 10THS AND 100THS OF FEET

Rods	Feet	Rods	Feet	Rods	Feet	Rods	Feet	Rods	Feet
1	16.50	21	346.50	41	676.50	61	1006.50	81	1336.50
2	33.00	22	363.00	42	693.00	62	1023.00	82	1353.00
3	49.50	23	379.50	43	709.50	63	1039.50	83	1369.50
4	66.00	24	396.00	44	726.00	64	1056.00	84	1386.00
5	82.50	25	412.50	45	742.50	65	1072.50	85	1402.50
6	99.00	26	429.00	46	759.00	66	1089.00	86	1419.00
7	115.50	27	445.50	47	775.50	67	1105.50	87	1435.50
8	132.00	28	462.00	48	792.00	68	1122.00	88	1452.00
9	148.50	29	478.50	49	808.50	69	1138.50	89	1468.50
10	165.00	30	495.00	50	825.00	70	1155.00	90	1485.00
11	181.50	31	511.50	51	841.50	71	1171.50	91	1501.50
12	198.00	32	528.00	52	858.00	72	1188.00	92	1518.00
13	214.50	33	544.50	53	874.50	73	1204.50	93	1534.50
14	231.00	34	561.00	54	891.00	74	1221.00	94	1551.00
15	247.50	35	577.50	55	907.50	75	1237.50	95	1567.50
16	264.00	36	594.00	56	924.00	76	1254.00	96	1584.00
17	280.50	37	610.50	57	940.50	77	1270.50	97	1600.50
18	297.00	38	627.00	58	957.00	78	1287.00	98	1617.00
19	313.50	39	643.50	59	973.50	79	1303.50	99	1633.50
20	330.00	40	660.00	60	990.00	80	1320.00	100	1650.00

TABLE XI. LINKS IN FEET, 10THS AND 100THS OF FEET

Links	Feet	Links	Feet	Links	Feet	Links	Feet	Links	Feet	Links	Feet
1	0.66	18	11.88	35	23.10	52	34.32	69	45.54	86	56.76
2	1.32	19	12.54	36	23.76	53	34.98	70	46.20	87	57.42
3	1.98	20	13.20	37	24.42	54	35.64	71	46.86	88	58.08
4	2.64	21	13.86	38	25.08	55	36.30	72	47.52	89	58.74
5	3.30	22	14.52	39	25.74	56	36.96	73	48.18	90	59.40
6	3.96	23	15.18	40	26.40	57	37.62	74	48.84	91	60.06
7	4.62	24	15.84	41	27.06	58	38.28	75	49.50	92	60.72
8	5.28	25	16.50	42	27.72	59	38.94	76	50.16	93	61.38
9	5.94	26	17.16	43	28.38	60	39.60	77	50.82	94	62.04
10	6.60	27	17.82	44	29.04	61	40.26	78	51.48	95	62.70
11	7.26	28	18.48	45	29.70	62	40.92	79	52.14	96	63.36
12	7.92	29	19.14	46	30.36	63	41.58	80	52.80	97	64.02
13	8.58	30	19.80	47	31.02	64	42.24	81	53.46	98	64.68
14	9.24	31	20.46	48	31.68	65	42.90	82	54.12	99	65.34
15	9.90	32	21.12	49	32.34	66	43.56	83	54.78	100	66.00
16	10.56	33	21.78	50	33.00	67	44.22	84	55.44	101	66.66
17	11.22	34	22.44	51	33.66	68	44.88	85	56.10	102	67.32

64° 34' 20"

20

(11)

2 3 4 9 16 4
111° 49' 16"

266 47' 20"
180 00 00
220 00 00

5280
2
10560

13 4
14 55
14 4

28
14
3

90° 00' 00"
93 12' 40"

360
138° 44' 15"
4498 4415 124° 41' 03"

446 0
360
86 36' 40"

20.3467

190° 57' 35"
360
4 556 57 55 139° 14' 29"

15
12
36
57
4
17
16
175
8 35

32° 51' 45"

131° 27' 00"

50° 16' 42" E
2607.7812

16360.8375
5588.0680

72° 23' 14"
289° 32' 55"

582 52' 49" W
5427.4739
2713.7370

16307.8068
2874.8493

4 10
510 34' 18"
5396.5833
2698.2919
13,663.1194 *
5643.7136

189° 17' 45"

269° 16' 05"
179° 55' 44"
225° 25' 30"
3791.1353
136° 09' 25"

2504.0964

1160.41159
90.2363
843.3977
847.0964
-1498.6963
660.3378
-4313.1277

32
4
128
131

51
4
204
107 2070 21