

1-81-001-

1-81

001 to

INDEX

1- 001 - CANAL AT ZND No. 110th WEST

Property of CACHE COUNTY ENGR.

Address 179 NORTH MAIN

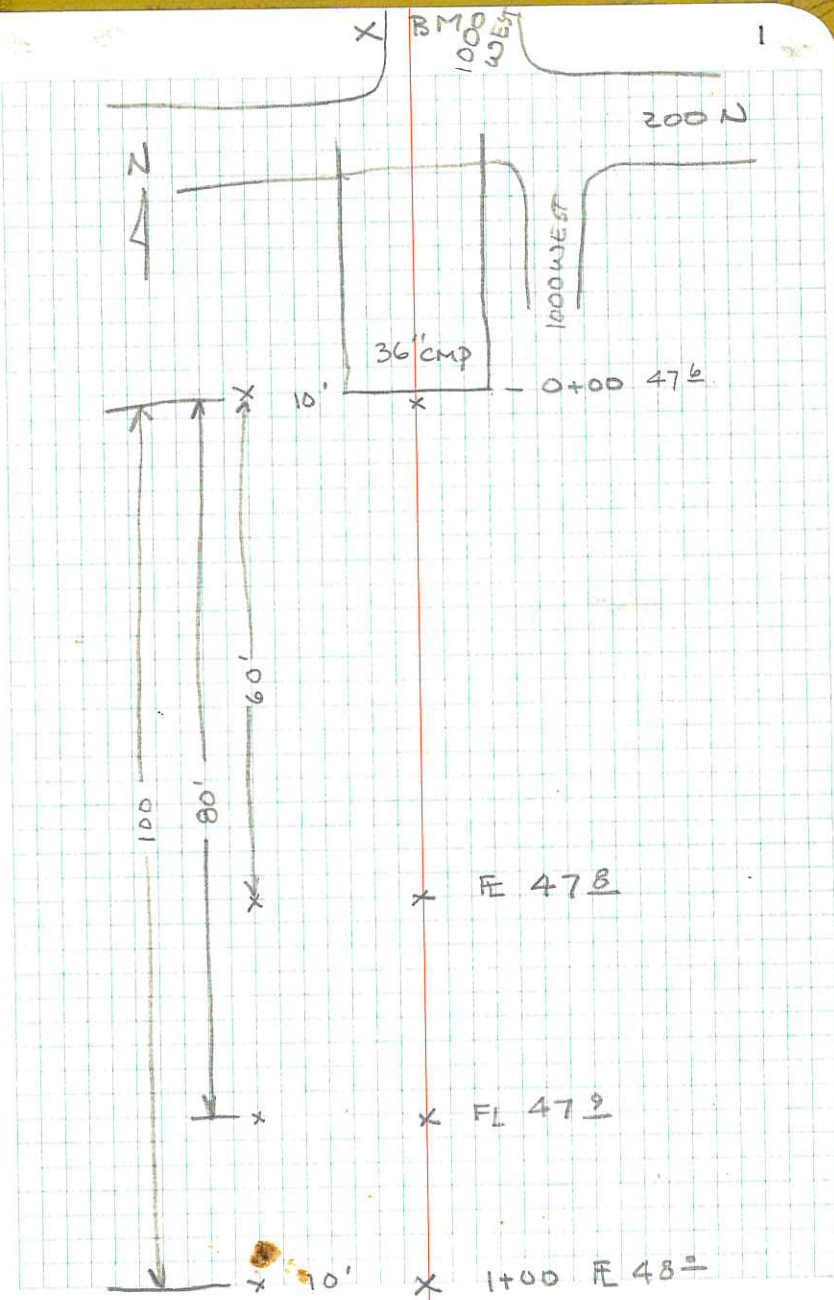
LOGAN, UTAH 84321

Telephone ~~801~~ 801-752-9744

This Book is manufactured of a High Grade
50% Rag Paper having a Water Resisting Surface,
and is sewed with Nylon Waterproof Thread.

Lined area for index entries, consisting of approximately 20 horizontal lines.

STA	+	HI	-	ELEV	3-11-81
WARD SEE	1 4-80-004	RUSSELL		1-81-001	
0+00			11 4	47 6	
0+00 RP			6 8	52 2	
0+60 RP			6 6	52 4	
0+80 RP			6 1	52 9	
1+00 RP			6 4	52 6	
1+00			11 2	47 8	
MH FEEL.			12 0	47 0	1' OF SILT IN PIPE
3+00			10 4	48 6	
BM	547 4453 50 CR 343(3)	4458 97 SW COR	CONC	BOX	
		59 0			



PIPE INSTALLATION 3-19-81

CARL OBRAY AND TED HUNTER FROM THE COUNTY ROAD DEPT: BEGAN WORK AT BID TODAY. ~~FOR~~ DUG OUT DITCH BOTTOM APPROX 1 FOOT + THEN REFILLED IT WITH PIT RUN GRAVEL AND SMOOTHED TO GRADE 2 LOADS OF GRAVEL HAVE BEEN USED TO BRING GRAVEL TO GRADE. HAD TO GET THE CUTTING TORCH TO GET BOLTS OFF OF EXISTING BAND

HEAT No-

2

KAISER STEEL
GALVANIZED SHEET

2.00 OZ. COATING
CULVERT STOCK
COPPER STEEL
10.9 GA 11-17-80
HEAT 617003
M-218 MADE IN USA A-444

2 - 20' LENGTHS OF 36" CMP

MONUMENTATION OF $\frac{9}{10}$ T13N
 4-22-81 $\frac{16}{15}$ R1E

FOUND A STONE FAINTLY MARKED
 AND LYING LOOSELY NEAR FENCE
 LINE INTERSECTION. PUT BRASS
 CAP AT PROLONGED INTERSECTION
 BURIED STONE NEXT TO CAP.

REF AS SHOWN

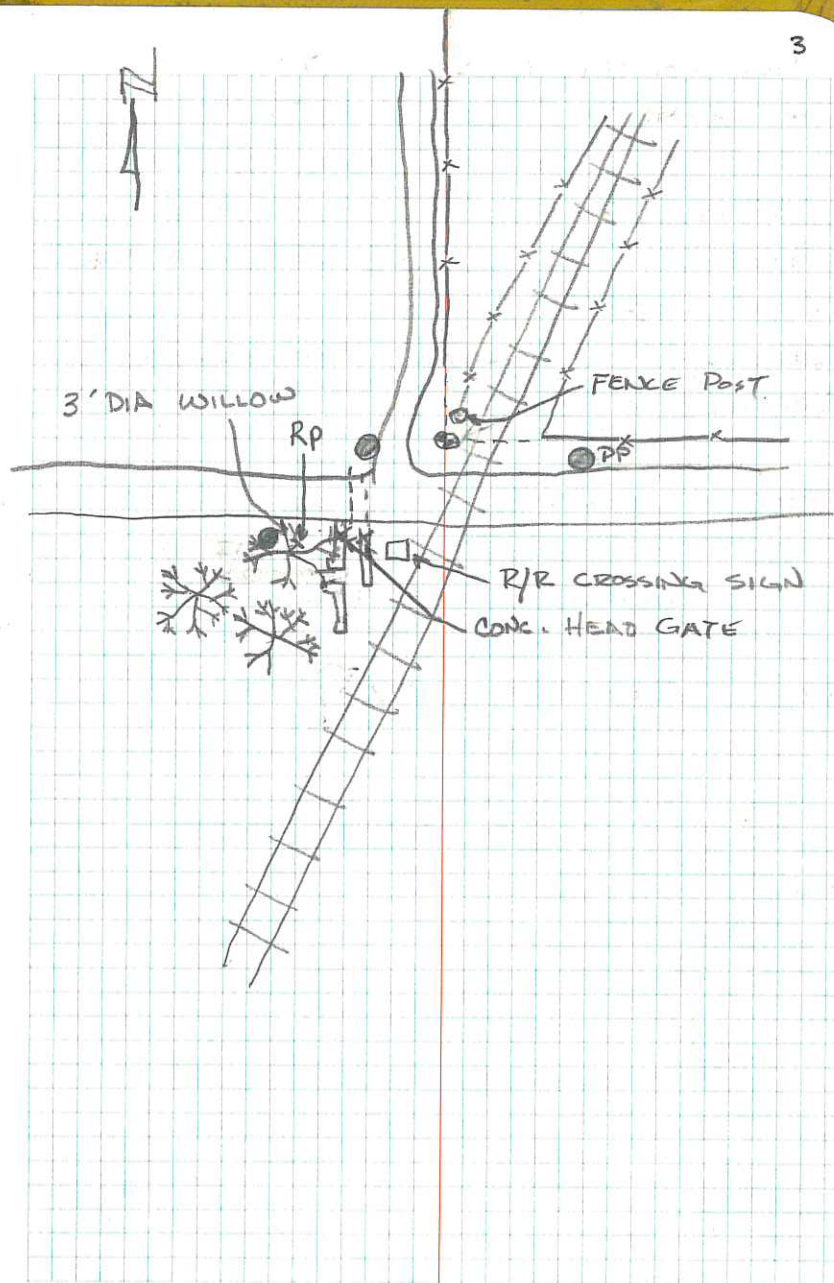
B.C. - FENCE POST 8.00

B.C. - SIGN 37.88

B.C. HEAD GATE 50.46

B.C. - TREE 61.22

SLP DIST CLOTH TAPE



New County GRAVEL PIT
NORTH OF SMITHFIELD

LOCATED IN SEC 22 AND 15 TWP 13N

RANGE 1E

4-22-81

JOB No. 1-81-002

WARD - NOTES

RUSSELL - π

LAPRAY - ϕ

BACKSIGHT SOUTH EDGE ^{OF LATHE} AT $\frac{1}{4}$ MON.
(LOWEST VISIBLE POINT)

SET A CONTROL POINT #21 ON TOP OF A
HIGH BLUFF SHOT SECTION CORNERS AND
FENCE CORNERS FROM THIS POINT

STA.	HORIZ $\frac{1}{4}$	SLP DIST	VERT $\frac{1}{4}$	HORIZ DIST
PT21 - $\frac{1}{4}$	0°00'	2370.42	93°22'30"	2366.3088

REF AZ.

PT21 - B.C.	31°05'55"	4395.11	92°17'15"	4391.6077
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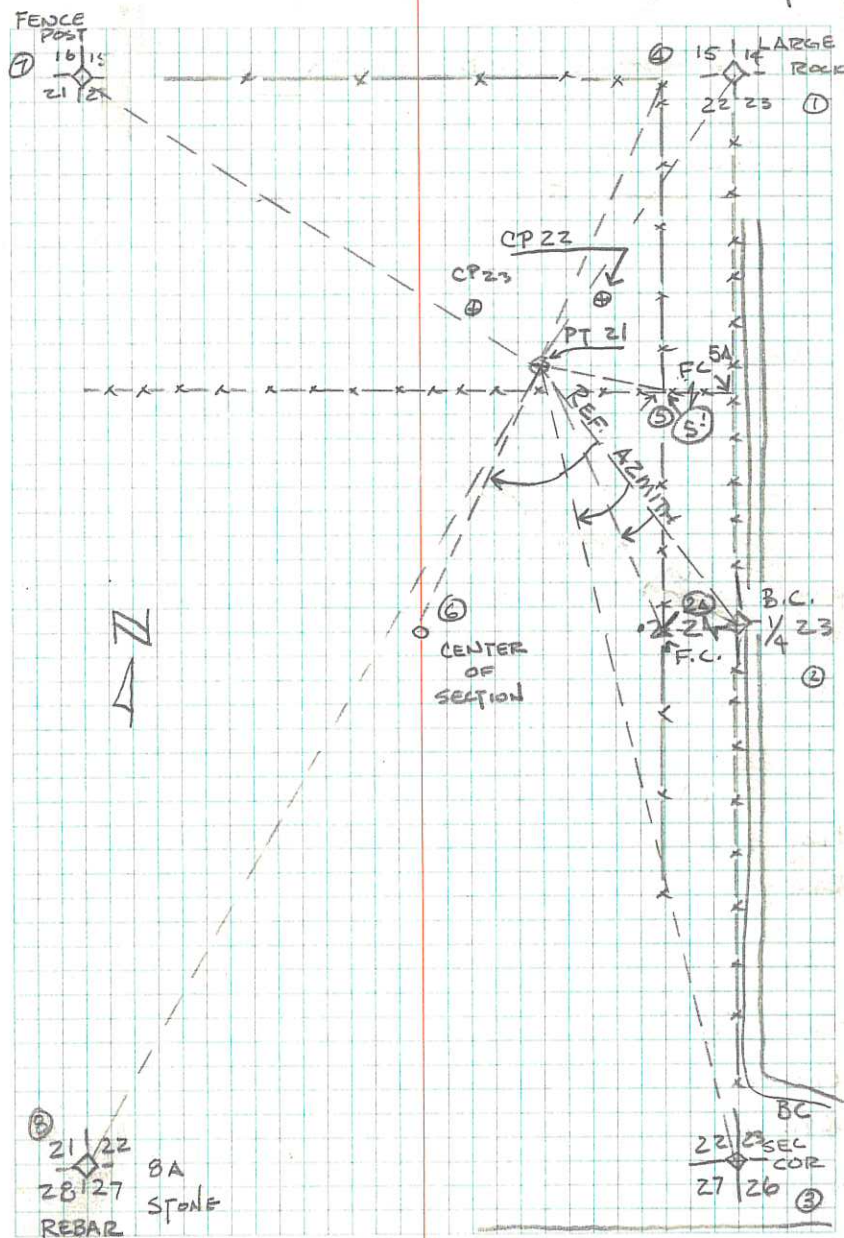
BACK - $\frac{1}{4}$

$\frac{1}{4}$ INT. RT.

PT21 - ^{CENTER} SEC.	84°43'45"	1477.41	101°30'30"	1447.71
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BACK $\frac{1}{4}$

$\frac{1}{4}$ INT RT



STA	HORZ. Δ	SLP DIST	VERT Δ	HORZ. DIST.
-----	----------------	----------	---------------	-------------

(2A) PT21-F.C.	29°26'05"	1451.54	97°28'10"	1439.22
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BACK 1/4

4 INT RT

REBAR

21 22 20 21 PT21-	100°16'50"	5051.14	94°19'55"	5036.71
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BACK 1/4

4 INT. RT.

STONE (BA)

21 22 20 21 PT21-	99°35'05"	5006.29	94°21'25"	4991.82
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BACK 1/4

4 INT. RT.

FENCE POST (7)

21 22 16 15 PT21-	171°02'30"	3593.63	96°30'15"	3570.50
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BACK 1/4

4 INT RT

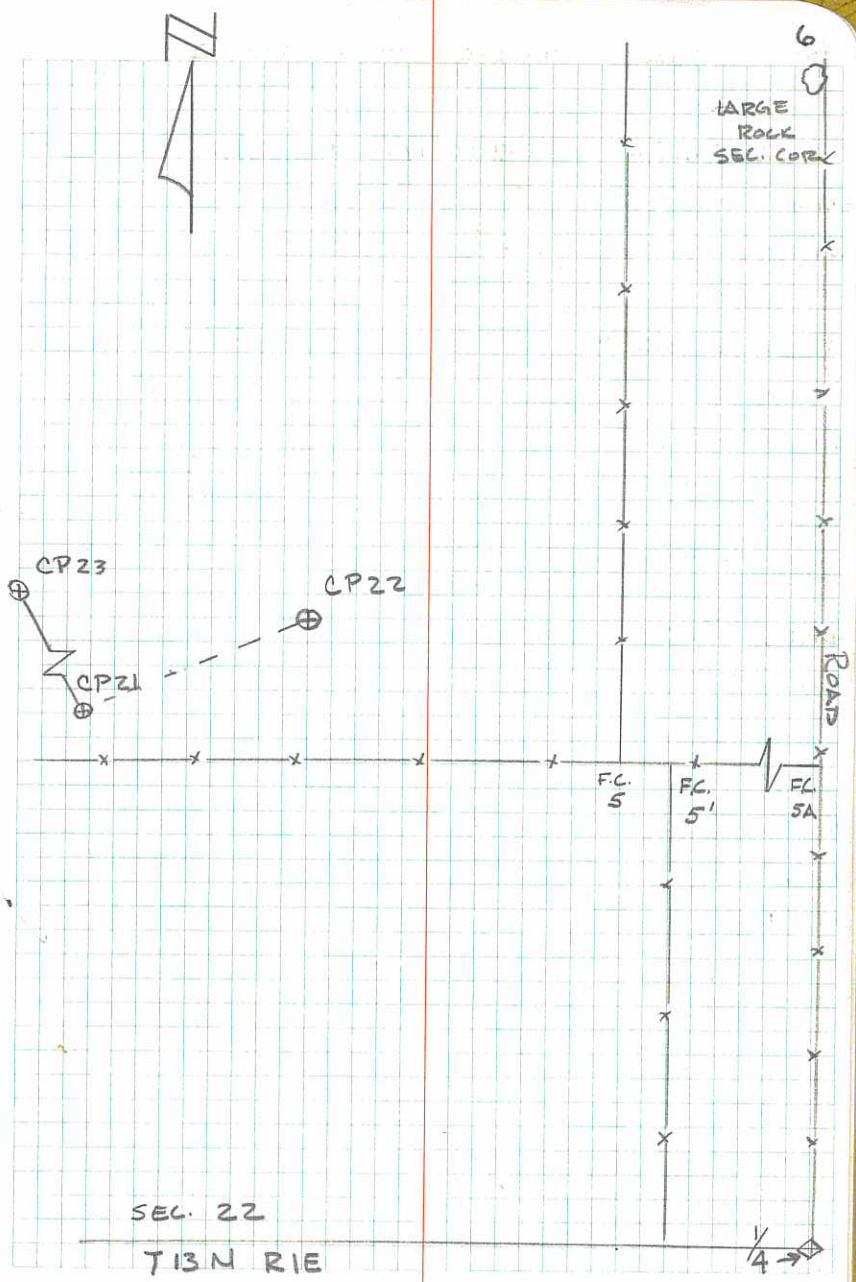
STONE (D)

21 22 15 14 PT21-	294°56'15"	2394.42	89°06'10"	2394.13
-----------------------------	------------	---------	-----------	---------

BACK 1/4

4 INT. RT.

STA.	HORIZ \angle	SLP. DIST.	VERT \angle	HORIZ. DIST.
21 - F.C. ④	263°38'10"	1533.10	92°04'05"	1532.10
BACK 1/4				
\angle INT. RT.				
CONT. 4-23-81				
PT 21-F.C. ⑤				
BACK 1/4	NEED NEW CP 22 (CONTROL POINT)			
\angle INT. RT.				
PT 21-CP 22 ①	308°58'15"	254.94	85°04'45"	254.91
BACK 1/4 ②	257°56'45"	254.94	270°55'36"	
\angle INT. RT.				
PT 22-F.C. ⑤	212°27'50"	400.51	95°21'55"	398.76
BACK PT 21				
EXT. RT.				
PT 22-F.C. ⑤	210°58'45"	450.12	94°20'10"	456.73
BACK PT 21				
EXT RT.				



STA. - STA.	HORIZ. α	SLP. DIST	VERT. α	HORIZ. DIST.
PT. 22 - F.L. 5A	202°46'05"	1757.19	90°02'05"	1757.19
EXT α RT				
BACK Z1				
PT. 22 - 1/4 COR	236°09'55"	2219.70	94°42'55"	2212.19
EXT α RT				
BACK Z1				

DATA FOR SUNSHOT

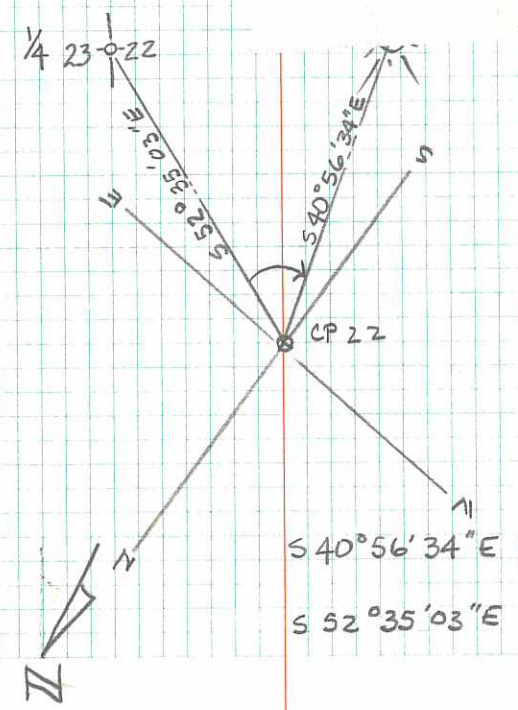
DATE: APRIL 23, 1981

TIME	HORIZ α	VERT α
10:45:10	9°10'20" RT	36°13'50"
10:46:53	9°46'00" RT	36°00'55"
10:48:28	10°19'05" RT	35°48'25"
10:51:11	192°10'55" RT	324°00'15"
10:53:30	193°02'10" RT	324°18'00"
10:55:13	193°40'10" RT	324°30'45"

TEMP : 66°
 PRESSURE: 30.09
 ELEU. : 4975

TIME
 AVE. TIME = 10:50:04
 AVE HORIZ α = 11°21'2"
 AVE VERT α = 35°52'2"
 LAT. 41°51'26"
 LONG. 111°49'06"

USLE 41.917
 TIME ZONE = 7:00
 WATCH CORP = 0.000
 TEMP. (F) = 66.000
 PRES. = 30.090
 DEC. = 42.8536
 HGT. DIFF. = -0.0000
 MAG. = 11.0127
 TIME = 10:50:04
 MAG. 201 = 15.5122
 MAG. 12 = 15.5122 ✓
 MAG. 22 = 12.7403 ✓
 S 40°56'48"E



STA-STA	HOR \angle	SLP DIST	VERT \angle
PT22-PT23			
BACK PT21			
INT RT			
PT21-23	168°57'10"	392.34	97°10'30" 389.27
BACK PT			
INT RT			
PT23 - FEU OF EX PIT. NW. COR. AT HIGHWAY	156°59'45"	1892.95	99°27'45" 1867.19
BACK PT21			
INT RT			
PT23 - B.C. (NE COR EX. COUNTY PIT)	74°40'15"	133.29	91°01'45" 133.27
BACK PT21			
INT RT			

PT23-FC 1/6 109°33'15" 171.70 98°17'30

BACK 21

INT. RT.

4-28-1981 SUNNY WARM

X RUSSELL

♀ LADRAY

♂ WARD

STA - STA. Horiz. \times SLP. DIST. VERT. \times Horiz. DIST.

CP 21 - $\frac{21}{28} \frac{22}{27}$ 98°06'10" 5190.74 94°11'25" 5176.86

\times INT RT

BACK 1/4 22+23

CP 21 - 21+22 127°14'20" 3547.84 96°10'45" 3527.23

\times INT RT

BACK 1/4 22+23

CP 21 - $\frac{9}{16} \frac{10}{15}$ 212°05'45" 7466.40 93°35'05" 7451.79

\times INT RT

BACK 1/4 22+23

STA	STA	Horz. \angle	SLP DIST	VERT \angle	Horz. Dist.
CP 21	- $\frac{10.11}{15.14}$	255°29'25"	6917.33	90°30'50"	6917.05
\angle INT RT BACK $\frac{1}{4}$ 22+23					

APRIL 29, 1981 SUNNY WARM 75°
 WARD ∇ RUSSELL, ϕ LAPRAY

CP 21	- CP 24	149°19'15"	3006.26	97°18'15"	2981.86
\angle INT RT BACK $\frac{1}{4}$ 22+23					

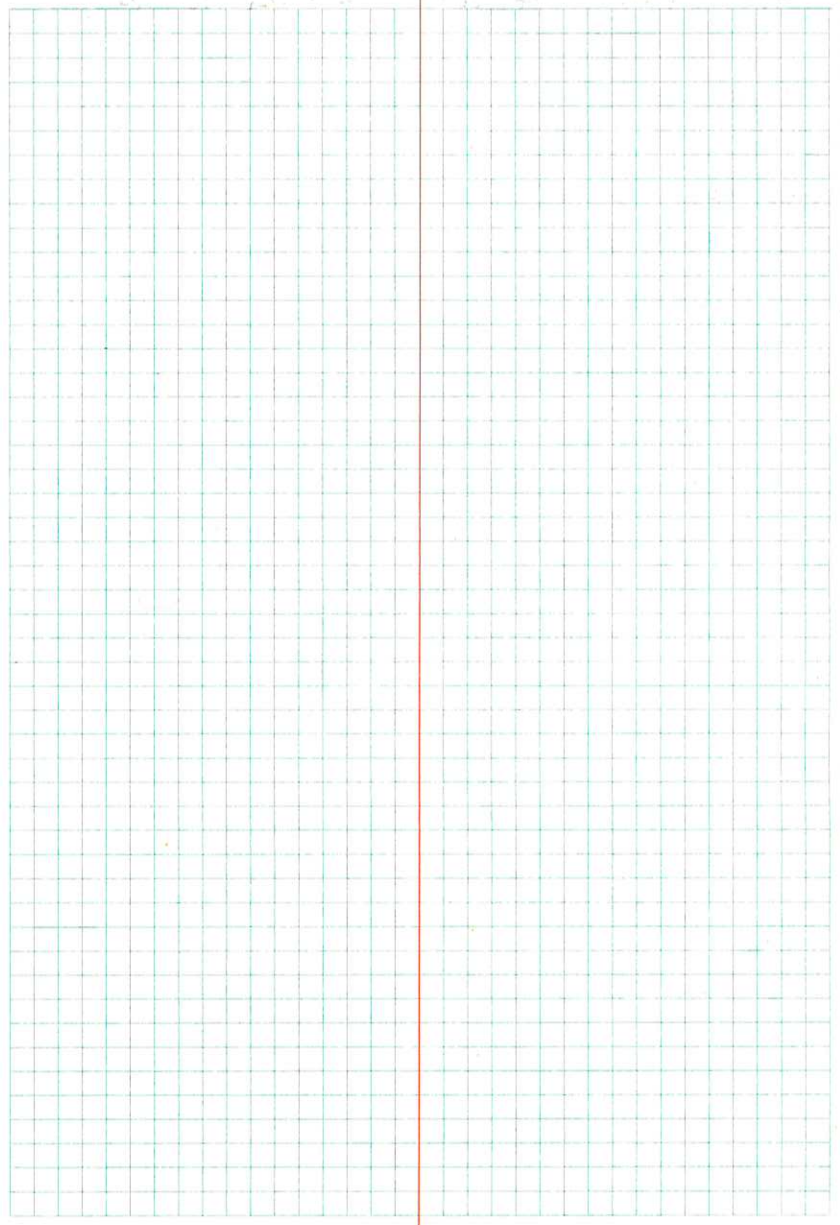
CP 24	- a	0°29'55"	1662.04	86°00'00"	1657.99
\angle INT LT BACK CP 21					

CP 24	- b	32°22'55"	2284.75	86°58'20"	2281.56
\angle INT LT BACK CP 21					

CP 24	- c	34°21'30"	2222.10	87°26'50"	2219.89
\angle INT LT BACK CP 21					



STA - STA	HORZ \angle	SLP. DIST.	VERT \angle	HORZ. DIST.
CP 24 - d	36°46'50"	2312.63	87°35'05"	2310.58
\angle INT LT				
BACK CP 21				



MON. FOR $\frac{1}{4}$ COR 2122 T13N
RIE

4-30-81

USED EXIST. EVIDENCE AND SURVEYS
TO ESTABLISH THIS CORNER, USED THE
SMITHFIELD GRAVEL PIT & SURVEY AS
SHOWN ON THE PREVIOUS PAGES
(JOB 1-81-002) TO HELP VERIFY
THE CORNER LOCATION.

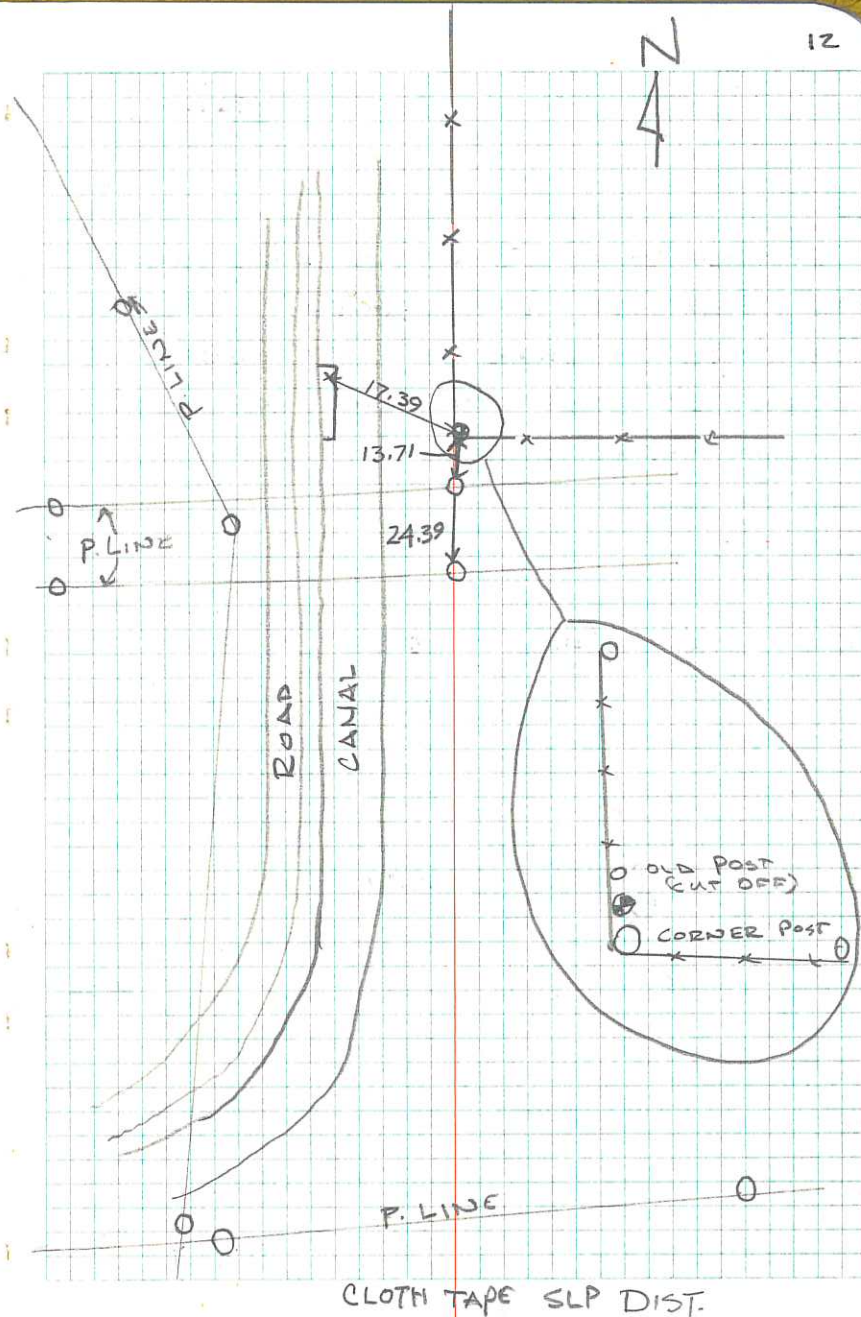
SET A 3' SECTION OF #5 REBAR
IN GROUND WITH A COUNTY ALUM.
CAP ON. REF AS SHOWN.

CAP - CONCI. WALL 17.39

CAP - No. P.P 13.71

CAP - So. P.P 24.39

SEE CORN 184



4-30-81

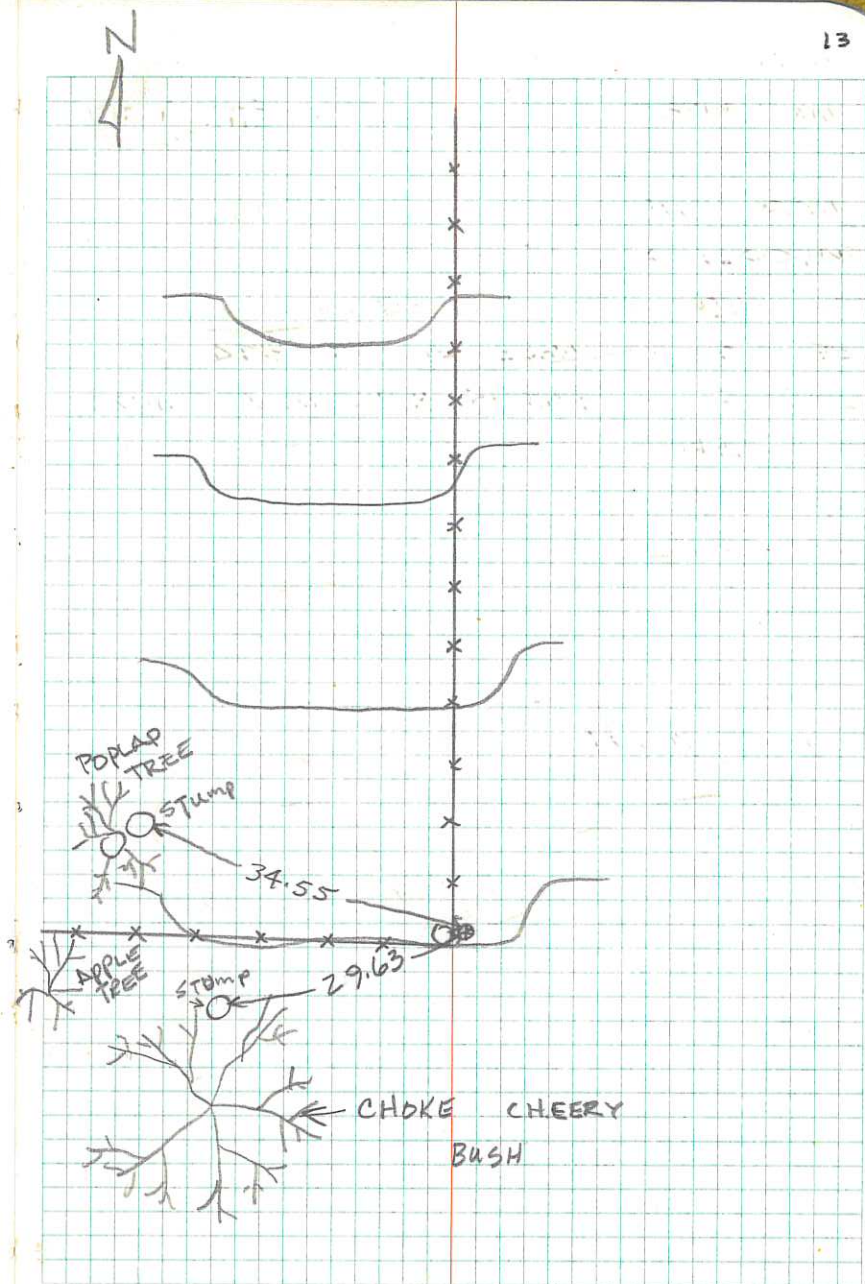
MON. FOR SECTION CORNER $\frac{16}{21} \frac{15}{22}$ T13N
R1E

USED PROPERTY DESCRIPTIONS, EXISTING
EVIDENCE AND THE PREVIOUS SURVEY
TO ESTABLISH THIS SECTION CORNER
SET A 3' PIECE OF #5 REBAR AT
CORNER'S LOCATION WITH ALUM CAP.
REF. AS SHOWN

Cap - Stump 5' HIGH 29.63

Cap - Poplar Stump 34.55

SEC CORN 185



GRAVEL PIT (CONT)

MAY 5, 1981

RUSSELL T

ROSS III

PRESTON #

CLEAR, WARM

65°

STA - STA

HORZ SLP DIST VERT

95°08'55" 4522.34 89°26'50" 4522.13

CP-21 - 15+14

B.S. 22+21

INT LT.

MAY 6, 1981

RUSSELL T, III

ROSS #

CLOUDY, COLD

40°

STA - STA

HORZ SLP DIST VERT

CP21 - 5+22

BACK 1/4 COR

INT RT

67°43'55" 4000.92 94°26'45"

GRAVEL PIT (CONT)
5/11/81

CLOUDY, RAINY
45°

	H. Δ	SOI ST	V Δ
CP 23-CP 25	25°16'55"	768.84	88°20'30"
BACK CP 21			
INT LT.			

CP 24 IS APPROX 25' WEST OF ALIWAY
& 75' S.E. OF OLD HOUSE

ROAD RUNNING SOUTH FROM
MILLVILLE'S 100 EAST STREET

1-31-003

P. WARD R. LAPRAY SEE Pg. 21-

HI 5.35 ROD 4'

STA-STA	HORZ \angle	SLP DIST	VERT \angle	HORZ DIST	VERT DIST
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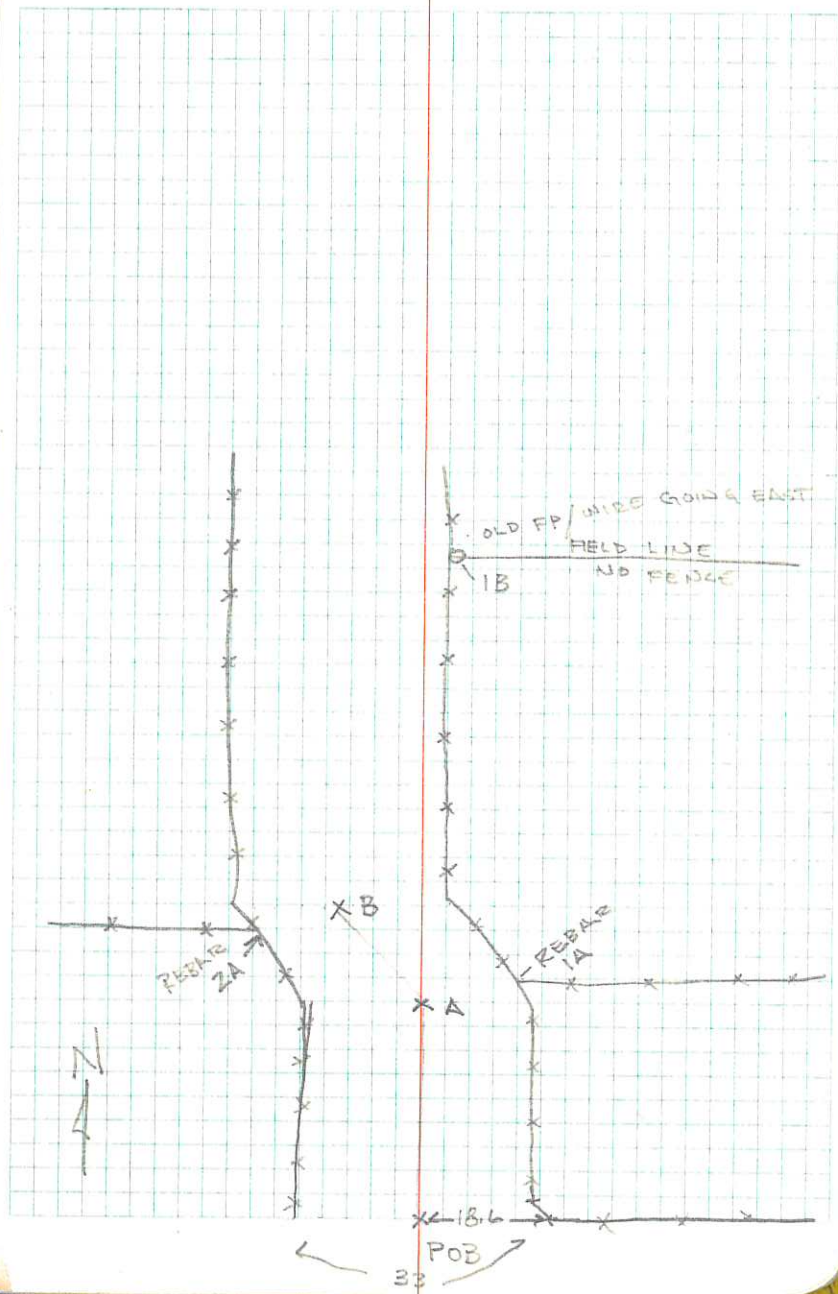
POB-1B	0°10'50"	1125.91	92°15'		
\angle INT LT					
BACK A					

POB-B	2°59'55"	815.71	92°33'		
\angle INT LT					
BACK A					

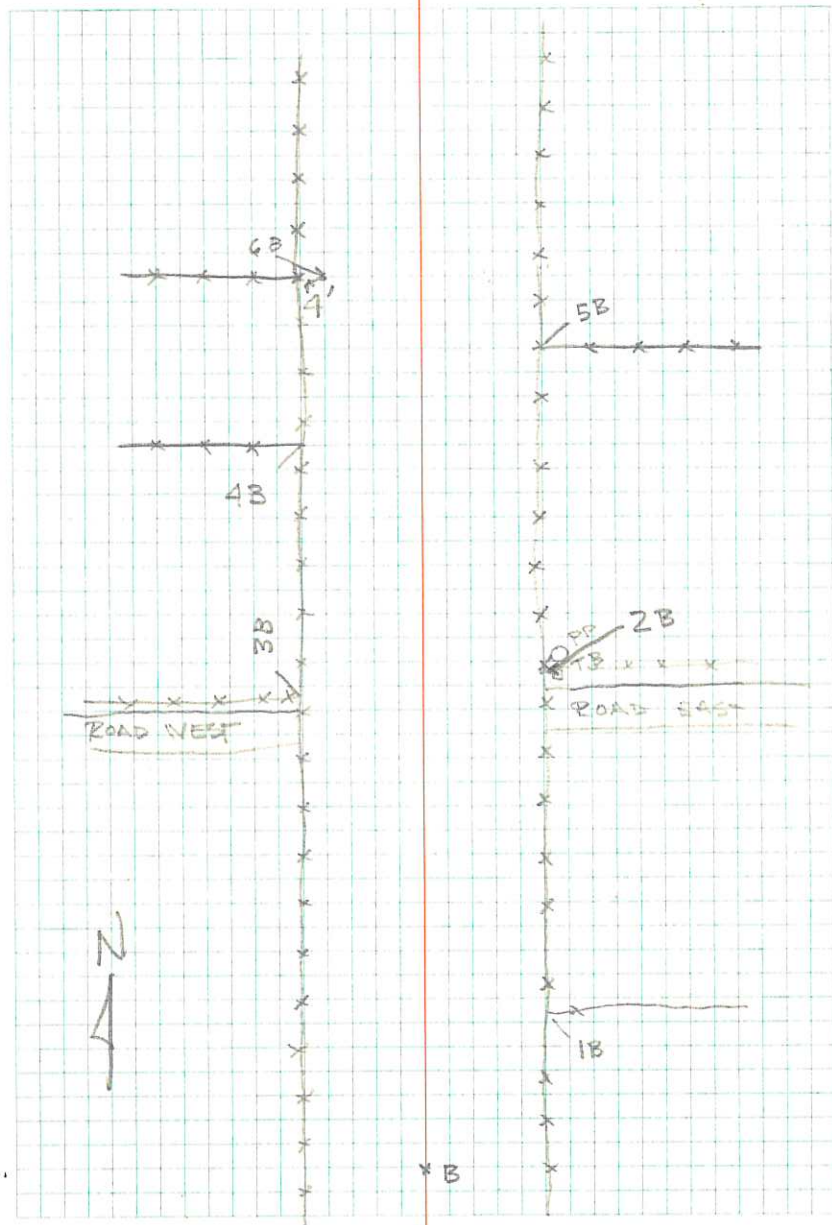
POB-2A	5°00'15"	715.30	92°38'		
\angle INT LT					
BACK A					

POB-1A	1°01'20"	706.47	92°32'		
\angle INT RT					
BACK A					

POB-A	0°00'	594.06	92°41'		
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STA-STA	HORIZ. \angle	SLP DIST	VERT \angle	HORIZ DIST	VERT DIFF.
POB-6B	$2^{\circ}37'05''$	3049.12	$91^{\circ}04'$		
\angle INT RT					
BACK A					
POB-5B	$2^{\circ}48'00''$	2824.15	$91^{\circ}07''$		
\angle INT RT					
BACK A					
POB-4B	$2^{\circ}10'00''$	2680.68	$91^{\circ}11'$		
\angle INT RT					
BACK A					
POB-3B	$1^{\circ}12'15''$	2019.47	$91^{\circ}30'$		
\angle INT RT					
BACK A					
POB-2B	$1^{\circ}49'55''$	2019.04	$91^{\circ}29'$		
\angle INT RT					
BACK A					



STA-STA	HORZ Δ	SLD DIST	VERT Δ	HORZ DIST	VERT DIFF
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POB- END	3°04'55"	4301.34	90°45'		
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X INT RT
 BACK A

POB - ZD	3°01'50"	3457.04	91°02'		
----------	----------	---------	--------	--	--

X INT RT
 BACK A

POB - ID	2°37'35"	3442.64	91°04'		
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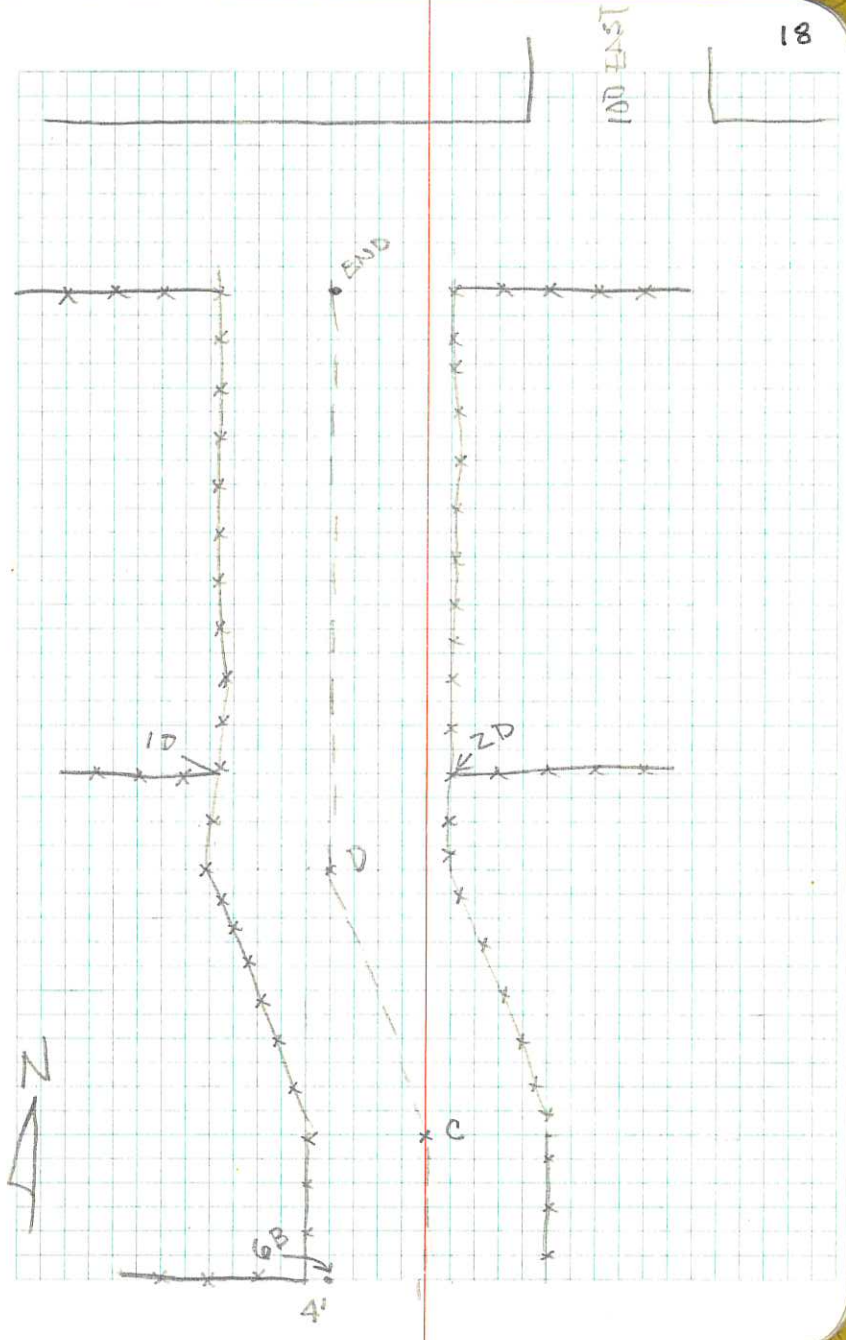
X INT RT
 BACK A

POB - D	2°46'55"	3404.73	91°01'		
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X INT RT
 BACK A

POB - C	2°55'50"	3257.51	91°01'		
---------	----------	---------	--------	--	--

X INT RT
 BACK A



5-28-81

PROPERTY SURVEY FOR CACHE CO.
 TAX SALE OF PARCEL 160890013
 R. LAPRAY, J. WILLIAMS, P. WARD
 JOB 1-81-004

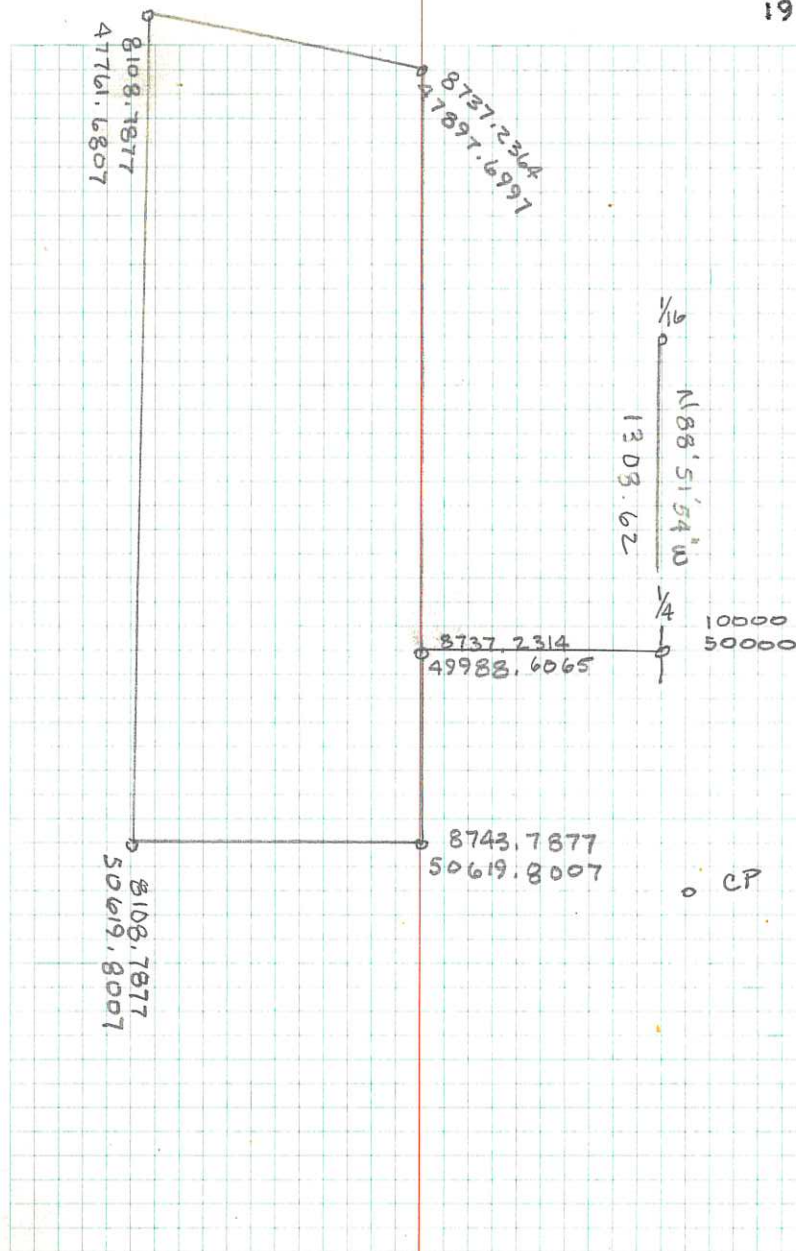
STA-STA Horz & SLP. DIST VERT & Horz Dist

CP-REBAR 7°05'30" 4698.94 94°17' 4685.82
 IN ROAD
 & INT RT
 BACK 1/4

CP-1/6 COR 3°31'05" 3658.64 95°36' 3641.18
 & INT RT
 BACK 1/4
 NO GOOD

CP-1/4 COR 0°00'00" 2172.06 105°45' 2090.51
 BASE LINE

SET UP ON CONTROL POINT SET BY
 MTN. WEST DESIGN FOR SURVEY OF
 SHEEP CREEK COVE



$5^{\circ}36'00''$	4709.49	$94^{\circ}15'$	4696.54
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6/18/81

SCOTT & ROSS

JOB 1-81-003

SEE Pg. 16-18

T/N/N

27.26

34.35

R/E

SET AN ALUM CAP ON NORTH
SIDE OF FAKE POST AFTER
RECEIVING TESTIMONY FR.
PROP OWNER ON NORTH
SIDE.

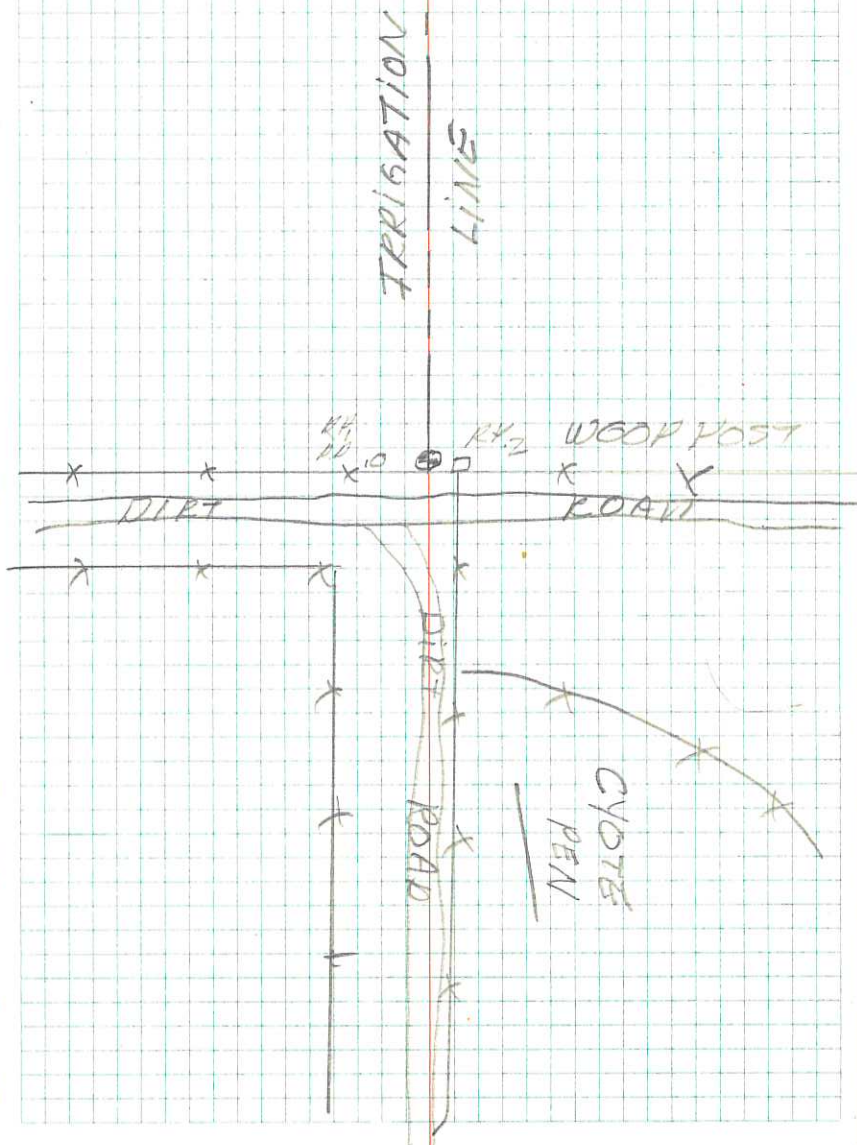
R.P. 1 → CAP

32.16

R.P. 2 → CAP

11.25

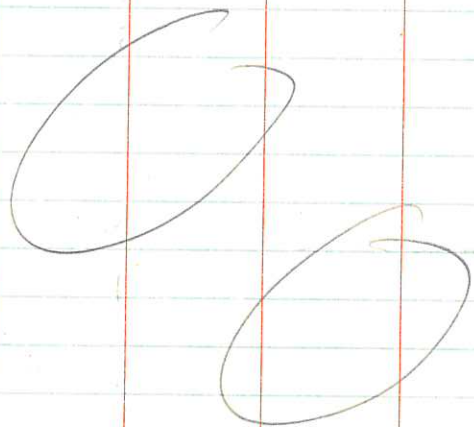
21



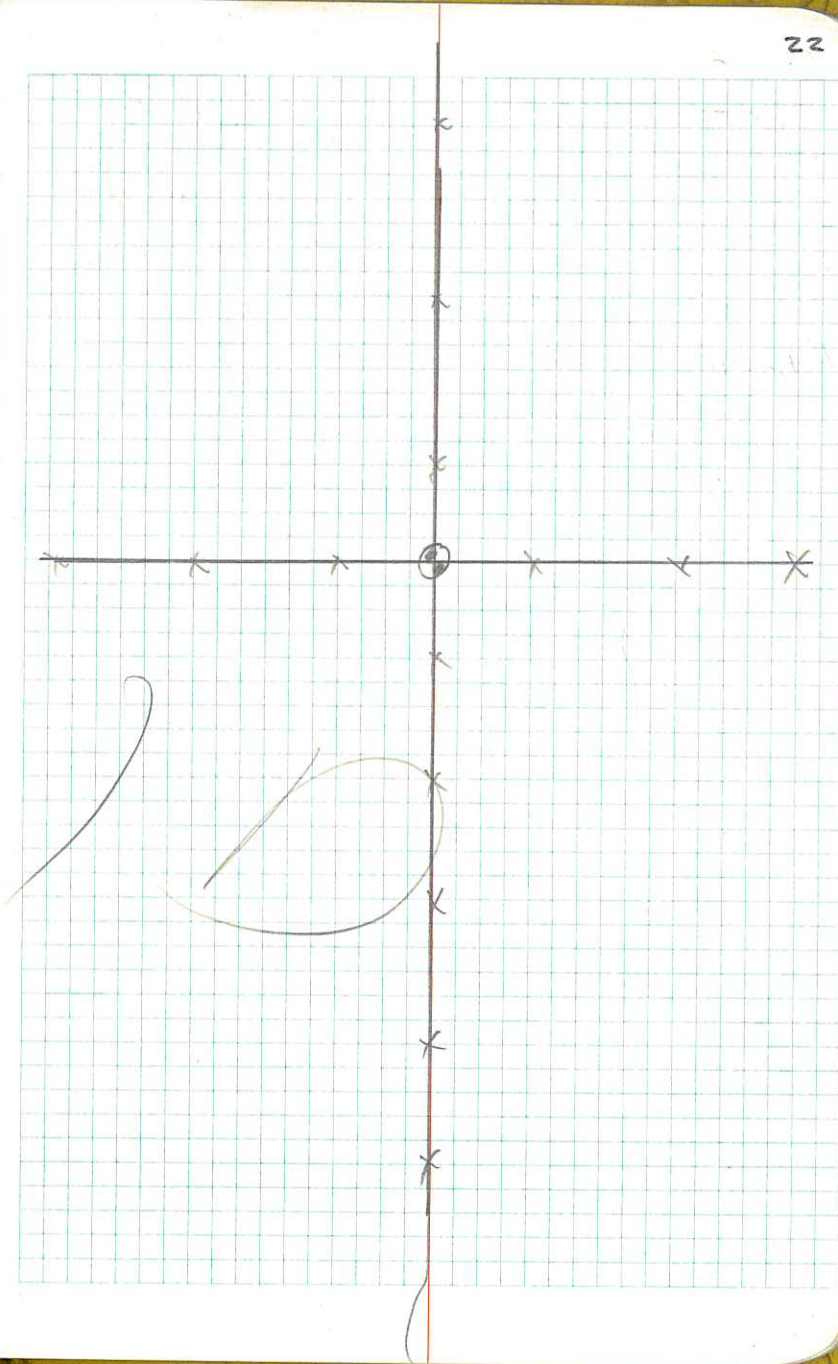
6/18/81
SCOTT, & ROSS

T/11/4
15 14
22 23
R/15

FOUND



22



6/19/81

SCOTT T
ROSS #

PARTLY CLOUDY

WARM 75°

CALM

1-81-003

SEE PG. 16

TIE TO SECTION CORNER BY
RADIAL SURVEY TO KEY POINTS
IN ROAD SOUTH OF MILLVILLE.

STA → STA HORZ S. DIST VERT & HOR. DIST.

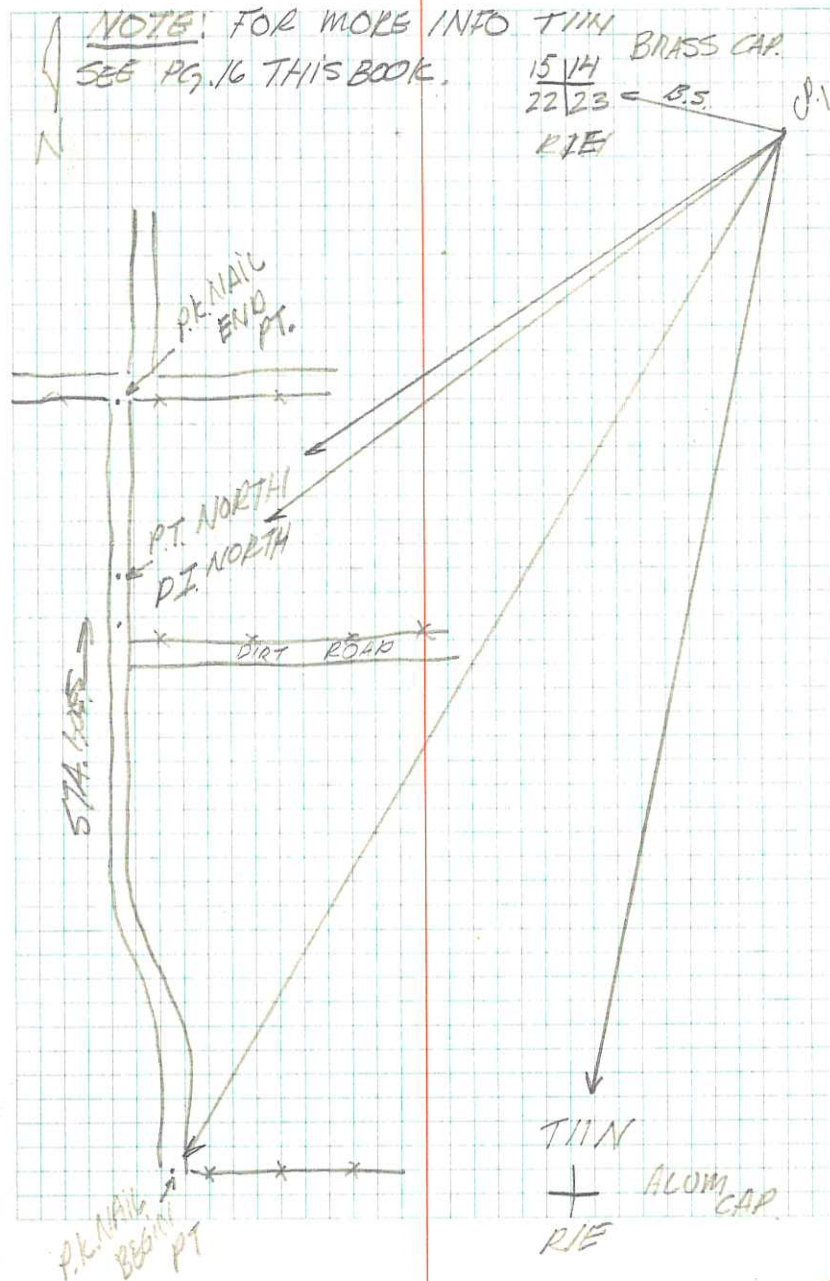
CP ₁ → 15/14	00°00'00"	1641.455	94°01'15"	1637.4148
BACK SAME		1641.45	94°01'00"	
		1641.45	26°58'30"	

CP ₁ → PT. NORTH	64°42'08"	5302.45	93°21'15"	5299.3666
INT LT	64°42'15"	5302.45	93°21'45"	
BACK 15/14 22/23	258°48'30"	5302.45	266°39'10"	

CP ₁ → PI NORTH	65°27'23"	5375.65	93°17'23"	5366.7973
INT LT	65°27'20"	5375.66	93°17'50"	
BACK 15/14 22/23	261°49'30"	5375.65	266°42'45"	

CP ₁ → BEGIN PT	81°26'31"	8065.765	91°47'08"	8061.8486
INT LT	81°26'25"	8065.78	91°47'30"	
BACK 15/14 22/23	325°46'05"	8065.75	268°13'15"	

23

NOTE! FOR MORE INFO TWIN
SEE PG. 16 THIS BOOK.BRASS CAP.
15/14
22/23 ← B.S.
R.I.E.

STA → STA	HOR &	S. DIST	VERT &	HOR DIST
CP, → $\frac{27126}{24135}$	$100^{\circ}02'53''$	10215.81	$91^{\circ}05'40''$	$10,213.94163$
INT LT	$100^{\circ}02'50''$	10215.81	$91^{\circ}05'30''$	
BACK $\frac{15114}{2223}$	$40^{\circ}11'30''$	10215.81	$268^{\circ}54'10''$	

NOTE:

TO CALL THE LOCATION OF CP,
 A THREE POINT RESECTION
 SHOULD BE RUN USING 4'S
 ONLY. FR. PT NORTH, PI NORTH,
 & BEGIN PT.

6/19/81

MELVILLE ROAD &

SCOTT & LOSS

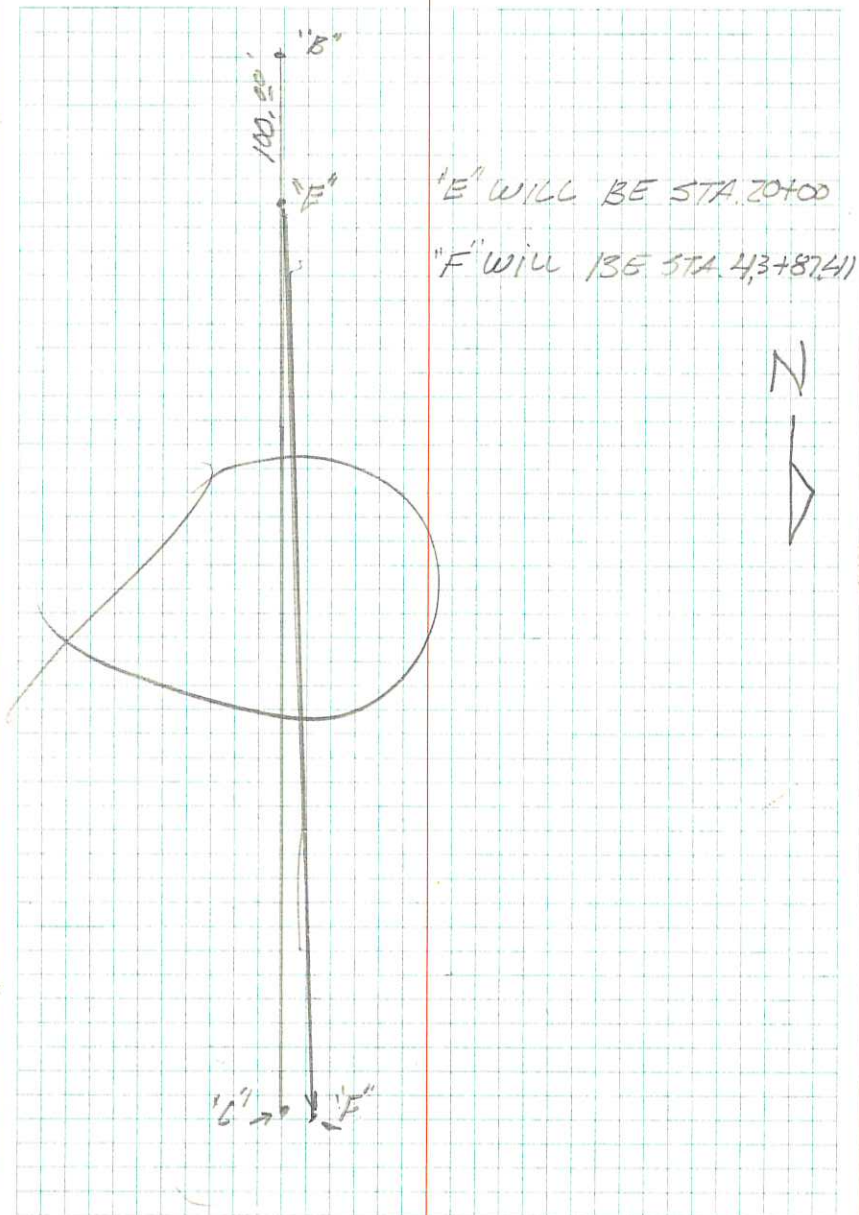
SET TWO NEW PIS ON
SAME PROJECT AS PG. 16 THIS
BOOK.

A PI WAS SET 100.00 FT
NORTH FROM PI "B" ALONG
LINE "B" - "C" TO BE PI "E"

A PI WAS SET 4' WEST
OF PI "C" WITH THE FOLLOWING
TIES MADE. TO BE PI "F"

STA → STA	HORIZ	SPIST	VERTA
		3391.855	90°14'05"
"E" → END	00°00'00"	3391.87	90°13'50"
BACK END		3391.84	269°45'45"
"E" → F	0°18'53"	2387.46	90°22'35"
INT RT	0°18'50"	2387.46	90°23'00"
BACK END	1°15'30"	2387.47	269°37'50"

25



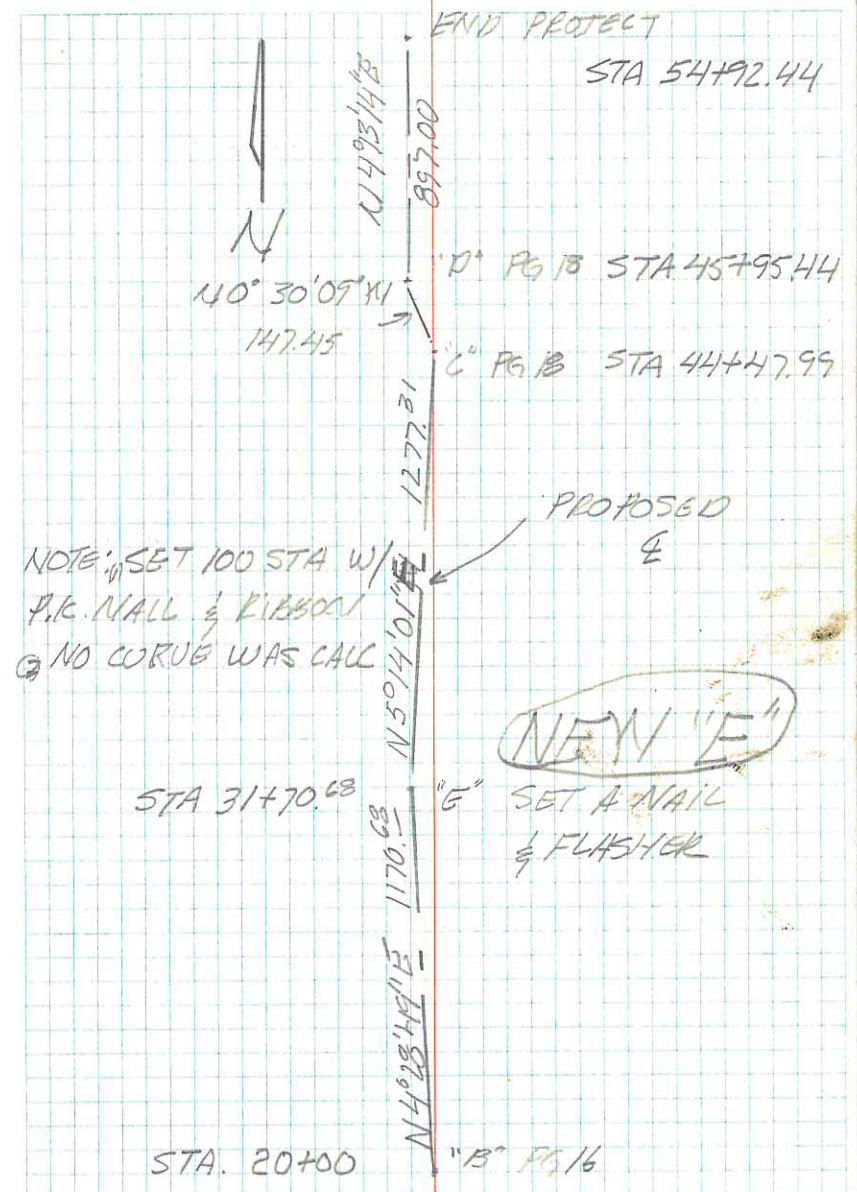
6/23/81 Millville Road
 SCOTT T
 ROSS #

WIND 75°
 PARTLY CLOUDY
 SLIGHT BREEZE
 1-81-003

GLEN REVIEWED ALL INFORMATION ON E OF MILLVILLE RD. SET THIS ALIGNMENT.

STA → STA	HOR. Δ	SP. DIST	VERT. Δ	HOR. DIST
"C" → "E"	174°15'04"	1277.32	89°47'45"	1277.31
INT LT	174°15'05"	1277.32	89°47'50"	
BACK "D"	337°00'15"	1277.32	270°12'20"	
"E" → "B"	179°14'48"	1170.22	89°18'15"	1170.68
INT RT	179°15'10"	1170.22	89°18'20"	
BACK "C"	356°39'10"	1170.22	270°41'50"	

FR. PT "B" TO "A" PG 16 & "A" TO BEGIN PG 16 WILL NOT BE USED FOR THIS ALIGNMENT. THE DEVELOPERS WILL BE RESPONSIBLE FOR THAT AREA OF THE ROAD.



NOTE: SET 100 STA W/ P.R. NAIL & RIBBON @ NO CORNER WAS CALL

NEW "E"

"E" SET A NAIL & FLASHER

7/1/81 PROP SURVEY DEWAYNE B.
 SCOTT T HOT - 85°
 ROSS # CLOUDY - T SHOWERS.
 WINDY

1-81-0005
 SEE Pg. 33

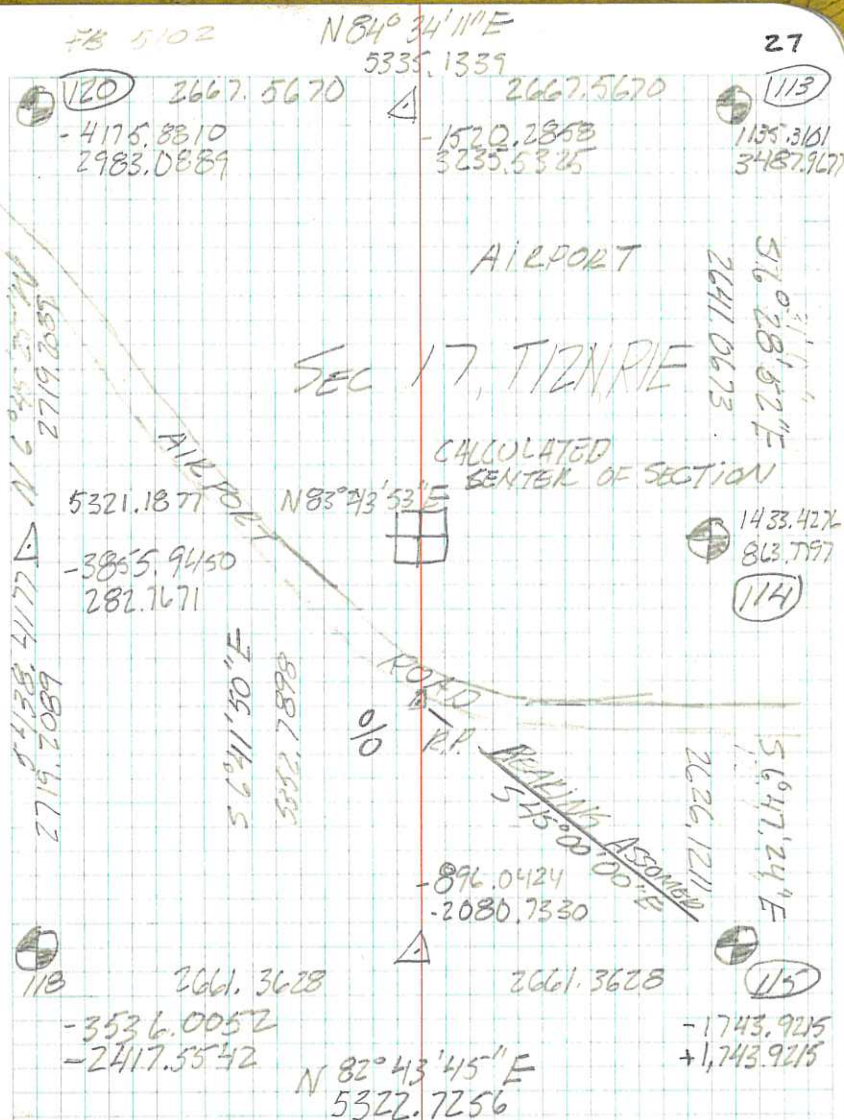
THE COMMISSION AGREED WITH DEWAYNE
 HOPPED THAT WE WOULD STAKE
 HIS 10 AC PARCEL WEST OF
 THE 10th WEST EXTENSION.

WE DECIDED (AT THIS POINT) TO
 ONLY STAKE THE 10 AC DESCRIPTION.
 TO DO THIS WE NEED TO BRAKE
 THE SECTION DOWN THEN WE
 WILL STAKE ENTRY No. 332543
 FR THE CENTER OF THE
 SECTION.

STA → STA HORZ & VERT

RP → 115	0°00'00"	2466.295	89°47'00"	2466.2774
BACKSIGHT		2466.29	89°46'55"	
		2466.30	270°12'55"	

R.P. → 114	76°04'23"	1673.528	89°50'05"	1673.5680
INT LT	76°04'15"	1673.53	89°50'05"	
BACK 115	304°17'30"	1673.52	270°09'55"	



NOTE: BOTTOM CORD = NORTH.
 TOP CORD = EAST.

STA → STA HORZ DIST VERTS

RP → 113
 INT LT
 BACK 115

116° 58' 13"	3668.085	89° 59' 48"	3668.0850
116° 58' 08"	3668.08	89° 59' 50"	
107° 52' 50"	3668.09	270° 00' 15"	

RP → 120
 INT RT
 BACK 115

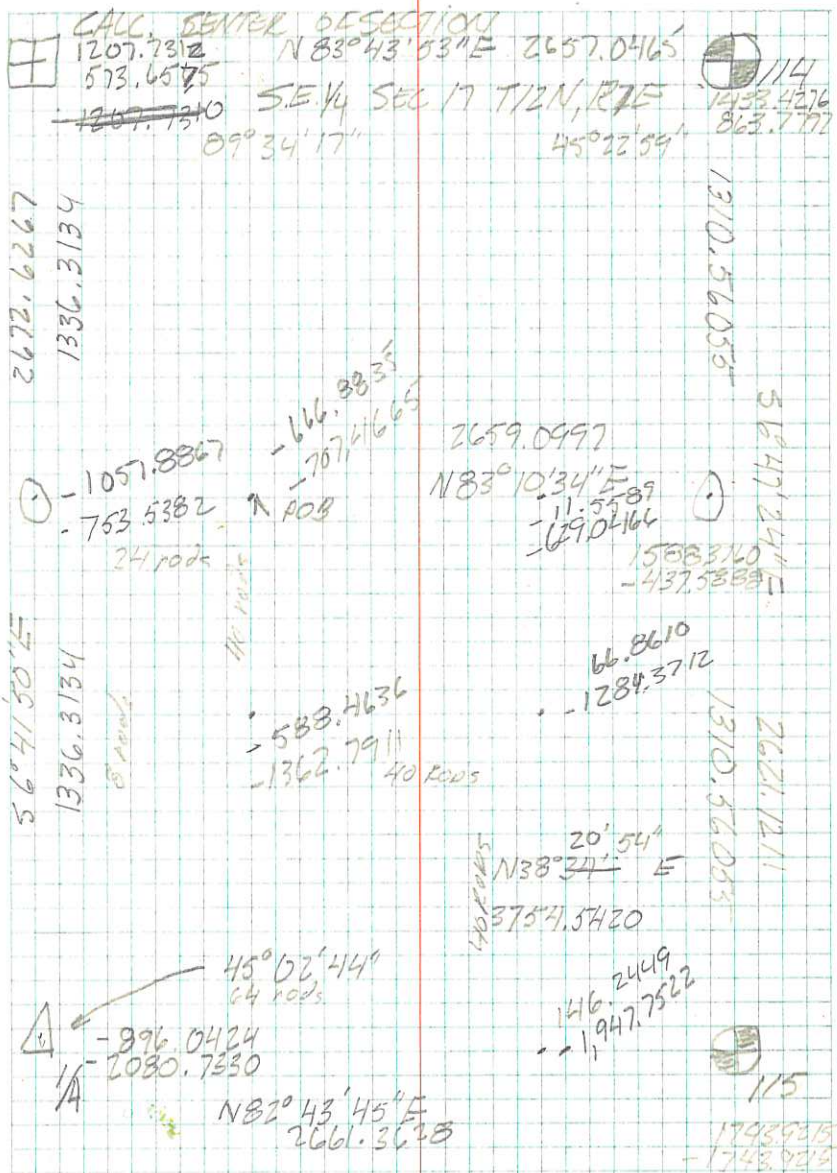
170° 32' 26"	5131.95	90° 07' 00"	5131.9374
170° 32' 10"	5131.92	90° 07' 00"	
322° 09' 45"	5131.94	209° 53' 00"	

RP → 118
 INT RT
 BACK 115

88° 26' 43"	3125.445	90° 05' 05"	3125.6416
88° 36' 25"	3124.62	90° 05' 05"	
354° 26' 30"	3145.67	209° 54' 53"	

RP → 118
 INT RT
 BAC 115.

100° 38' 23"	4283.46	90° 09' 05"	4283.445
100° 38' 30"	4283.43	90° 09' 05"	
42° 33' 30"	4283.49	269° 50' 55"	



STA → STA	HORZ	5 DIST	VERT
	98°00'26"	78.785	95°04'05"

RP → NW. FNC	198°00'30"	98.79	90°04'10"
--------------	------------	-------	-----------

INT RT	32°01'45"	78.78	269°56'00"
--------	-----------	-------	------------

BACK HS

RP → ENCLIN WEST	71°39'13"	1537.69	90°02'30"
------------------	-----------	---------	-----------

INT RT	71°39'10"	1537.65	90°02'30"
--------	-----------	---------	-----------

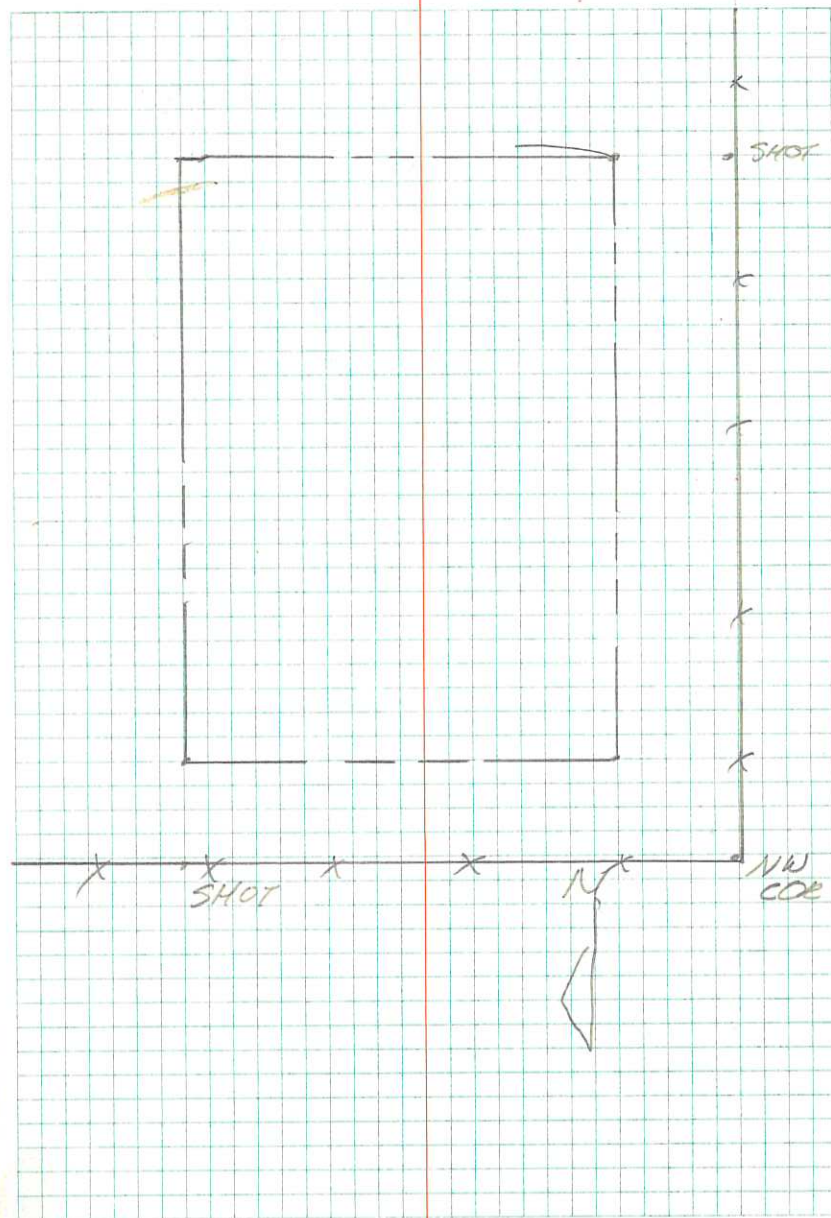
BACK HS	286°36'50"	1537.65	269°57'30"
---------	------------	---------	------------

RP → ENCLINE NORTH	45°24'30"	574.21	89°45'30"
--------------------	-----------	--------	-----------

INT RT	130°24'30"	574.21	89°45'30"
--------	------------	--------	-----------

BACK HS	181°38'10"	574.21	270°44'45"
---------	------------	--------	------------

SHOT FNC LINES $\frac{1}{2}$ CORNERS.
 H&T SET @ CALL. PROP CORNS.



7/13/81
SCOTT A
ROSS #

1-81-006

LYNN BALL'S SURVEY

HOT 85°

WINDY

PARTLY CLOUDY

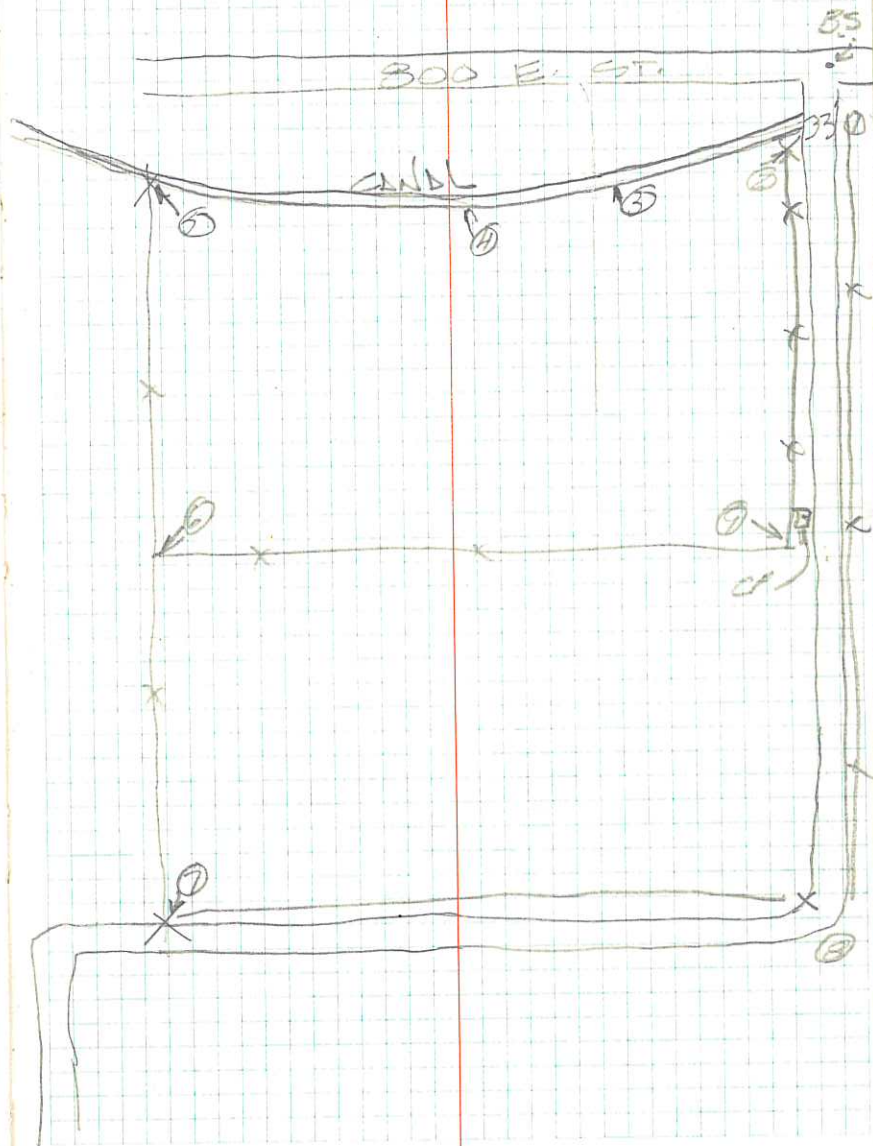
CHANCE OF RAIN

THIS SURVEY IS COMMISSIONED
BY LYNN BALLS. BASIS OF BEARING
IS THE SOUTH FMC LINE ON
33' COUNTY ROAD.

STA → STA HOLD DIST VERT

CD → BS.	00°00'00"	703. ²⁸	88°29'10"
		703. ²⁴	

CD →	① INCLINED		
INTRT	0°11'10"	442. ⁶¹	88°44'00"
BACK BS.		442. ⁶¹	



STA → STA WORK SUIT VERTK

CP → ① FNL COX 2°52'55" 623.42 88°40'00"
 INTLT. CANAL 623.45
 BACK B.S.

CP → ② FNL COX 2°12'10" 550.65 88°40'00"
 INTLT CANAL 550.61
 BACK B.S.

CP → ③ FNL COX 52°09'10" 631.89 88°54'00"
 INTLT CANAL 631.87
 BACK B.S.

CP → ④ FNL COX 54°12'00" 754.65 89°07'00"
 INTLT CANAL 754.63
 BACK B.S.

CP → ⑤ FNL CORN 93°25'00" 634.83 90°18'15"
 INT LT 634.84
 BACK B.S.

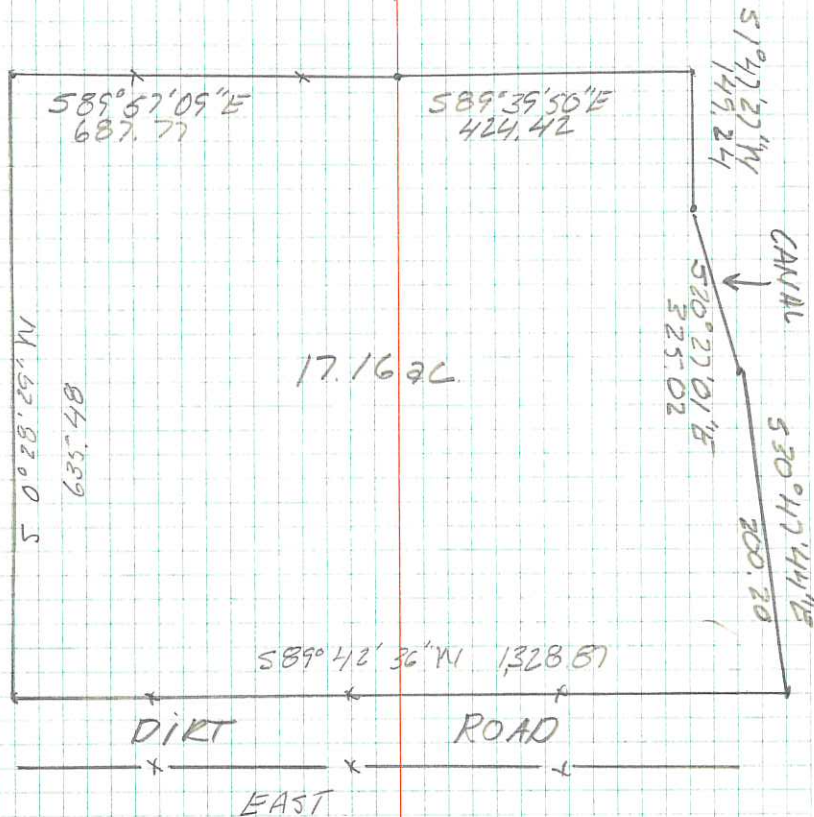
STA → STA HDLQ SPIST VERT HOR DIST

CV → ① FNC CON 140°04'15" 2.5 63 91°05'10"
 INT LT 945.76
 BACK B.S.

CD → ② FNC CON 17°23'30" 706.55 91°20'10"
 INT RT 706.66
 BACK B.S.

CD → ③ FNC CON 169°33'00" 15.88
 INT LT
 BACK B.S.

SECT 10, 11, 14, 15 TIZN RIE



7/27/81 Prop. Soroby Dewaym B
 Scott A (SEE PG. 27)
 Pass # 1-81-005 SEE PG. 27

STAKING OF LARGER
 PARCEL OF LAND.

STA → STA HOLD & DIST VERT. H. DIST

RP → W COR. 5/4 1293.94

INT. RT. 99°23'00"

BACK 115

RP → S 1/4 COR. 2265.47

INT RT 68°17'55"

BACK 115

RP → S. Prop. COR. 1953.23

INT RT 40°42'22"

BACK 115

SEE NEXT PG

STA	→ STA	HOK &	S	DIST	VERT
① RP →	N.W. FNC COR	97°57'15"	987.42	90°04'48"	987.43
	INT RT	97°57'15"	987.43	90°04'45"	
	BACK 115	31°49'15"	987.42	289°05'10"	
② RP →	S.W. FNC COR	63°32'28"	1963.16	89°58'00"	1963.16
	INT RT	63°32'30"	1963.13	89°58'00"	
	BACK 115	254°09'50"	1963.17	270°02'00"	
③ RP →	S.E. FNC COR	33°11'08"	1859.84	89°49'15"	1859.83
	INT RT	33°11'08"	1859.84	89°49'15"	
	BACK 115	132°44'30"	1859.81	270°16'45"	
④ RP →	JOG(1)	27°04'08"	1113.70	89°46'15"	1113.62
	INT RT	27°04'05"	1113.68	89°46'15"	
	BACK 115	108°16'30"	1113.72	270°13'45"	
⑤ RP →	JOG(2)	28°50'03"	1108.29	89°46'45"	1108.22
	INT RT	28°50'05"	1108.26	89°46'45"	
	BACK 115	115°20'10"	1108.33	270°13'15"	
⑥ RP →	N.E. FNC COR	18°22'08"	632.825	89°44'45"	632.82
	INT RT	18°22'05"	632.84	89°44'45"	
	BACK 115	73°28'30"	632.81	270°15'15"	

$$\begin{aligned} \textcircled{1} & - 594.8656 \\ & - 788.1326 \end{aligned}$$

$$\begin{aligned} \textcircled{2} & - 1861.2633 \\ & - 624.2554 \end{aligned}$$

$$\begin{aligned} \textcircled{3} & - 1820.4319 \\ & + 380.7870 \end{aligned}$$

$$\begin{aligned} \textcircled{4} & - 1059.5962 \\ & + 342.8757 \end{aligned}$$

$$\begin{aligned} \textcircled{5} & - 1064.4698 \\ & + 308.5688 \end{aligned}$$

$$\begin{aligned} \textcircled{6} & - 565.6881 \\ & + 283.6598 \end{aligned}$$

1-2	S 7°22'24"E	1276.96
2-3	N 87°40'25"E	1005.87
3-5	N 5°27'25"W	759.40
5-4	N 81°54'53"E	34.65
4-6	N 6°50'12"W	497.45
6-1	S 88°26'26"W	1072.19

STA →	STA	HDRX	S DIST	VERTA
	NORTH FENCE RANDOM SHOT			
RP →	RP	93° 59' 33"	901.995	90° 00' 15" 902.00
INT RT		93° 59' 30"	901.99	90° 00' 15"
BACK HS		15° 58' 10"	902.00	269° 54' 45"

①
-591.8543
-680.6706

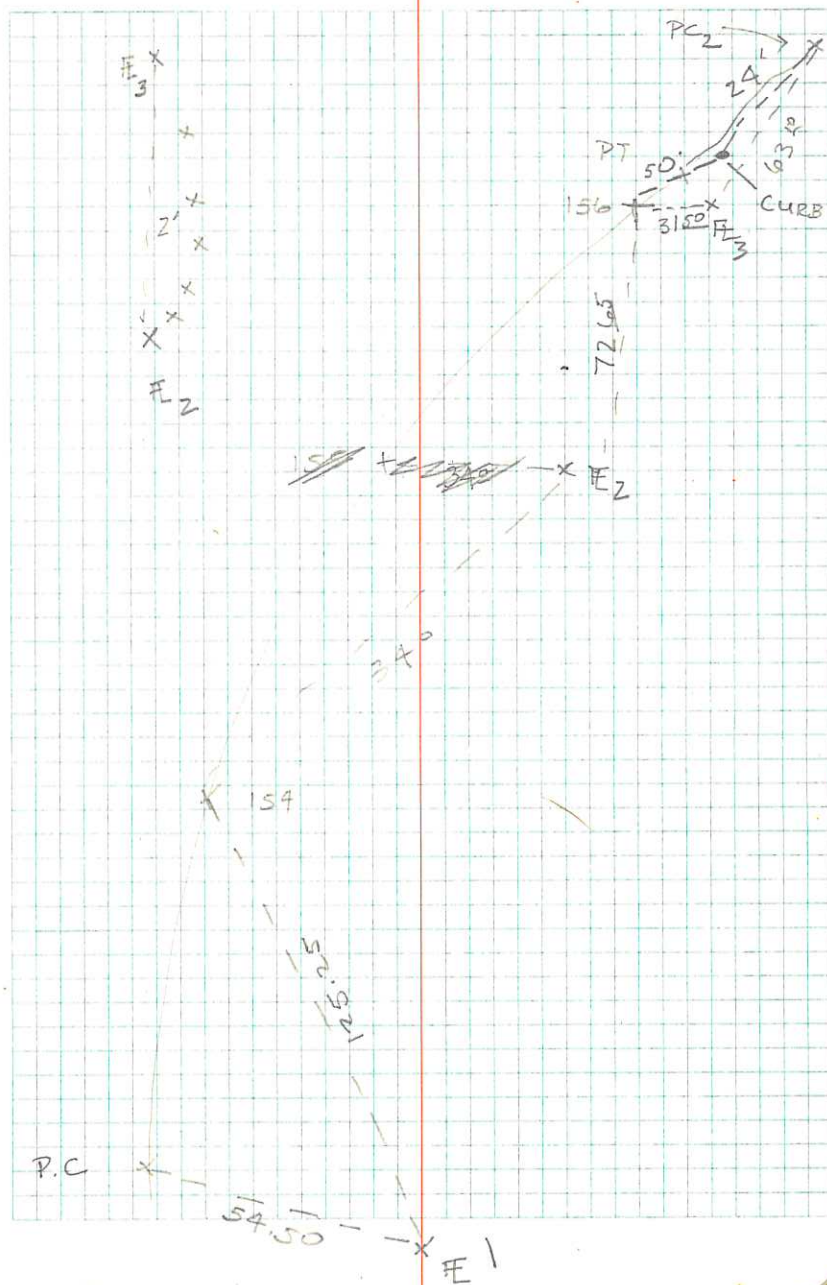
1-7) N 88° 23' 42" E 107.50

RIVER HEIGHTS ROAD
CURB AND GUTTER

7-29-81

1-81-007

STA	+	HI	-	ELEV
PC ₂			50 24 6 01	4675 95
CURB			8 23	4673 23
E ₃			11 46	4670 50
E ₂			16 36	4665 60
156 155			10 69	4671 27
156				
154			16 68	4665 28
E ₁			23 16	4658 80
PC			20 96	4661 00
	1.10	4681 96		
BM	LAMPLIGHTER TOWER SW COR.			4680 86



36

7/30/81

SCOTT T
ROSS #LEAGUE FOR C's
@ H's T's

STA	+	H1	-	ELEV	PRO ELEV	CF
BNI	1.37			4680.86		
155135		82.23	6.9E			
155135 ³⁵			15.12	75.27	74.23	F1.04
155105 4f			11.12	72.11	72.47	C0.36
155100			12.95	71.08	72.00	C0.92
154175			14.86	69.29	70.68	C1.40
154150			15.91	67.32	69.23	C1.86
154125			17.01	66.24	67.71	C1.47
154100				64.62	66.17	C1.55

STA	+	LI	-	EU	PROB
			19.37		
153+75			19.80	62.86	64.65
153+50			21.99	62.37	63.12
153+25			22.13	60.24	61.60
153+00			22.15	60.10	61.05
152+75			22.55	60.08	60.05
				59.68	58.50

C-1.5

C-1.79

C-0.75

C-1.30

C-0.95

F-0.03

F-1.14

LEVEL CHECKS ON DRAIN DITCH
AT LOGAN-CACHE AIRPORT

9-24-81

↑
RUSSELL, FLAPRA, VARD

9+00 7.8

8+00 7.6

7+00 7.8

6+00 7.8

5+00 7.4

4+00 7.4

3+00 7.1

2+00 6.4

1+00 5.9

0+00 4.8

HI 100.0

DITCH

0+00

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

~~EX. DITCH~~

PRESTON $\frac{1}{2}$
 SCOTT π
 ROSS ϕ
 10-7-81

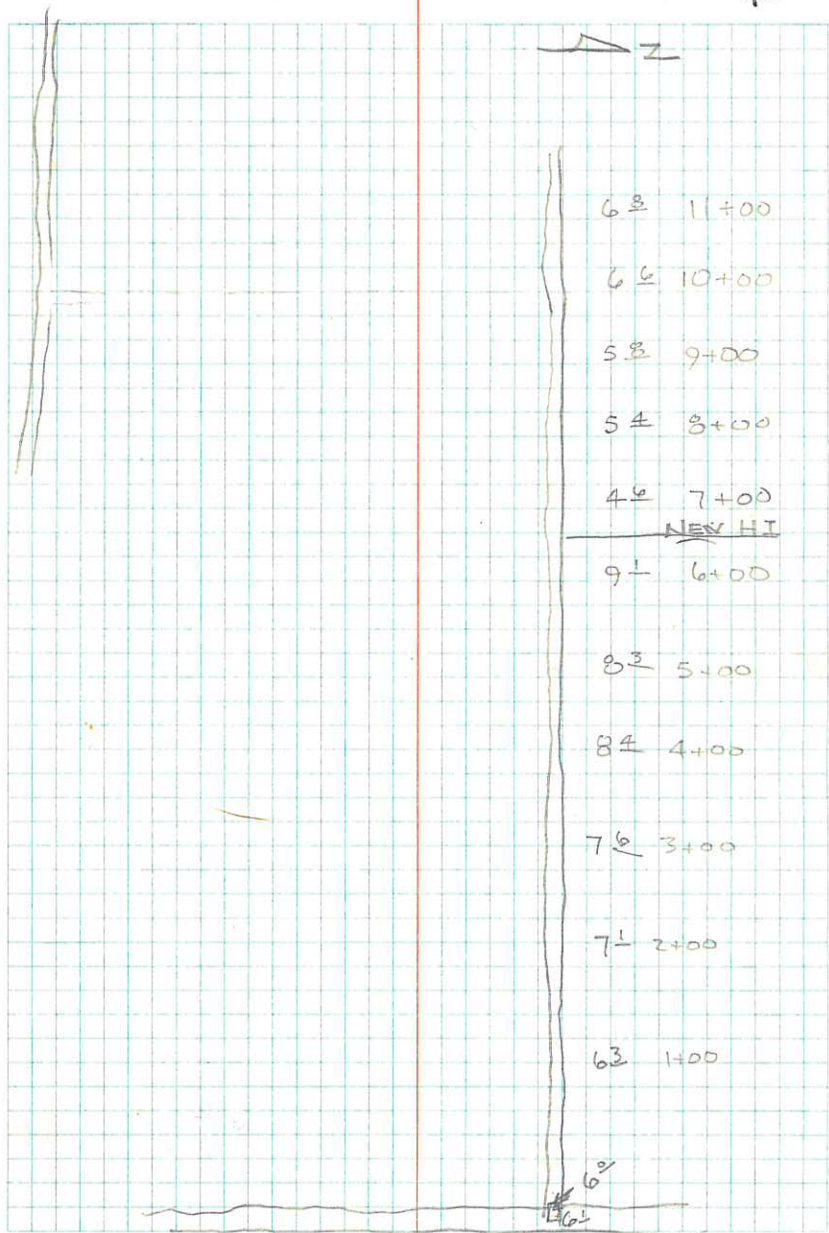
LEVEL RBT FOR CANAL
 ALONG 10th West at 2nd
 NORTH SEE PG 1

Cool, Partly
 Cloudy,
 Calm.

STA + HI - I. ELEV ELEV

11+00			6 8
10+00			6 6
9+00			5 8
8+00			5 4
7+00			4 6
	1 47	HI 9 4 62	6 85
6+00			9 1
5+00			8 3
4+00			8 4
3+00			7 6
2+00			7 1
1+00			6 3
HEADGATE OUTLET			6 2
0+00 # OF N-S DITCH ON 10 th			6 1

HI 100 65

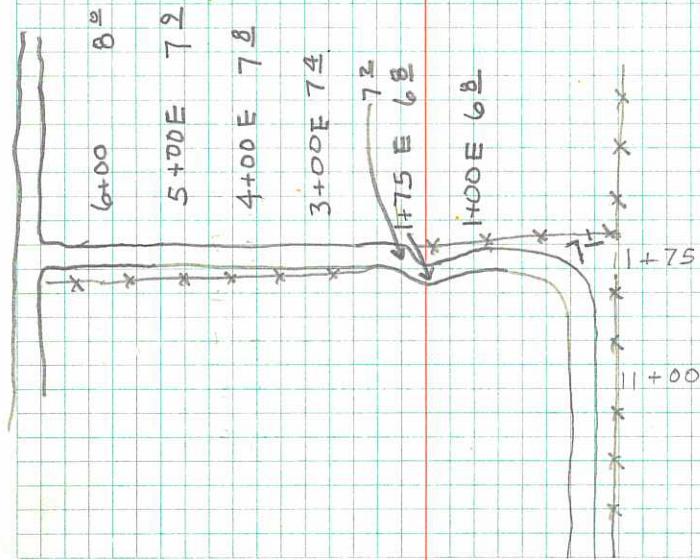


10th WEST

6+00E
 5+00E
 4+00E
 3+00E
 1+75E
 1+75E
 1+00E

8°
 7°
 7°
 7°
 7°
 6°
 6°

94⁶²



+

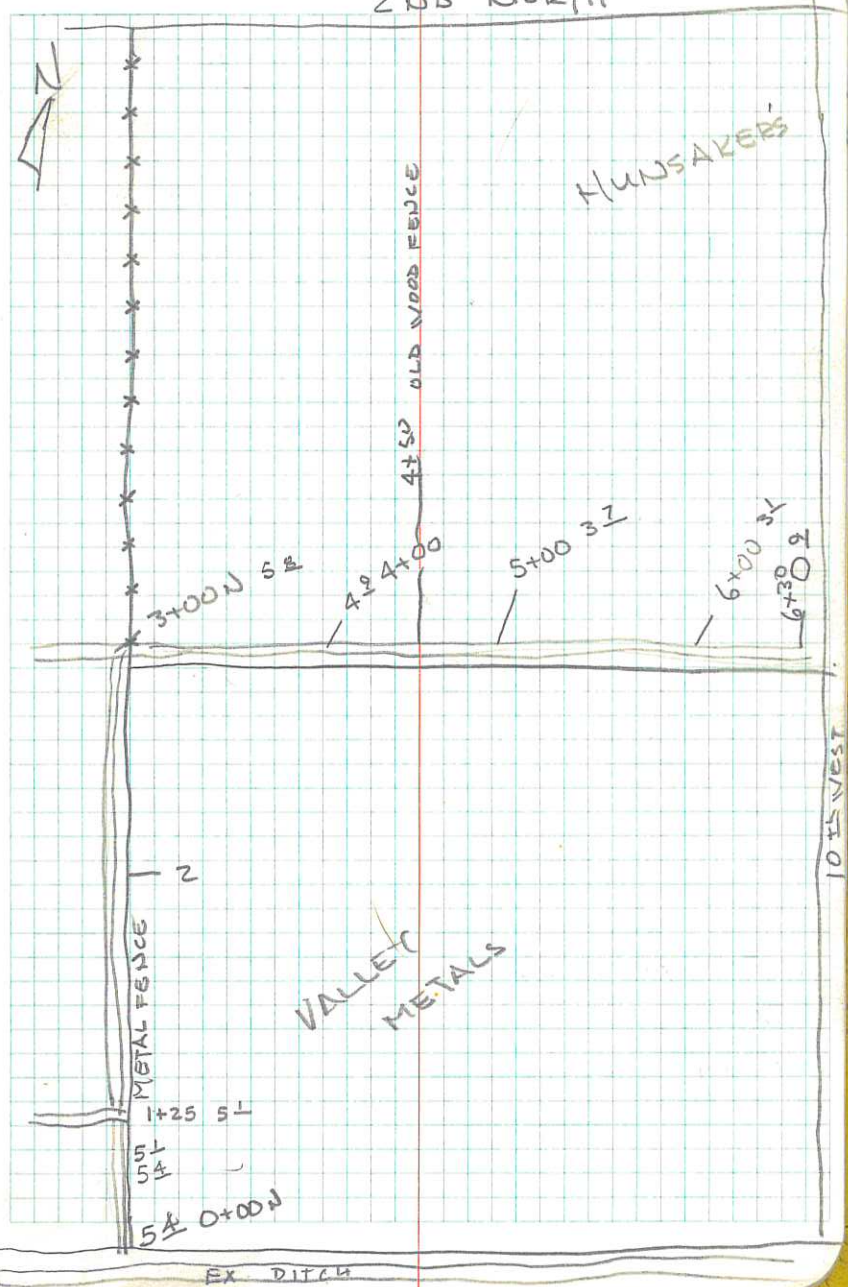
HI

-

6+00N			0 2
5+00N			3 1
4+00N			3 7
3+00N	INTER. OF DITCH		4 2
2+00N			5 8
1+25N	DITCH WEST		5 3
1+00N			5 1
0+80N			5 1
0+00N			5 4
6 85	99 99	1 48	9 3 14
	94 62		6 85
	48		

2ND NORTH

42



10-28-81 EARL HONSAKER WARM 65°
PROP. SURVEY. BREEZY
PARTLY CLOUDY

PROPERTY SURVEY & LOCATION SURVEY
TO DETERMINE WHAT COUNTY HAS
TO DO FOR MR HONSAKER.

INST HI 5.23 EL @ CP₁ = 4453.18.
EDM HI 5.83
GLASS HI 8.40

STA → STA HONSAKER H. DIST VERT

CP₁ → CP₂ 00°00'00" 357.01 89°21'50" 4453.78
BACK CP₂

CP₁ → BM 126°23'10" 123.79 88°17'30" 4453.50
BACK CP₂
INT RT

43

BM IS NORTH LIP OF M.H. USED IN
PREVIOUS SURVEYS.

STA → STA	HORZ	H DIST	VERT
CP ₁ → PT ₁ BACK CP ₂ INT RT	109°07'00"	140.27	89°32'50" 4450.10
CP ₁ → PT ₂ BACK CP ₂ INT RT	138°24'55"	56.41	89°52'15" 4451.08
CP ₁ → PT ₃ BACK CP ₂ INT RT	59°55'00"	276.78	89°42'20" 4451.23
CP ₁ → PT ₄ BACK CP ₂ INT RT	59°22'16"	354.09	89°44'05" 4451.59
CP ₁ → PT ₅ BACK CP ₂ INT RT	59°14'30"	378.87	89°49'10" 4451.01
CP ₁ → PT ₅ CP ₂ RT	58°34'15"	378.91	90°04'00" 4449.37

PT₁ IS CACHE COUNTY ALUM. CAP
ON N.W. CORNER OF 10th W & 2nd N.
INTERSECTION.

(TO BE USED AS BASIS
OF BEARING)

PT₂ IS FNC LINE 400' NO. OF PT₁

(TO BE USED AS BASIS
OF BEARING)

PT₃ IS STATE R-O-W MARKER ON SO. R-O-W
LINE OF 2nd NORTH. APP 200' W. OF
INTER.

1/2" BOLT @ N.W. PROP. CORN. ALONG
2nd NORTH

T.B.

FE

STA → STA	HORZ	H DIST	VERT		
CP ₁ → PT ₆	58°00'10"	378.92	89°49'30"	4450.97	TB
BACK CP ₂					
INT RT					
CP ₁ → PT ₉	64°33'50"	100.19	89°55'00"	4449.96	TB
BACK CP ₂					
INT RT					
CP ₁ → PT ₈	62°20'15"	99.82	90°39'00"	4448.68	FL
BACK CP ₂					
CP ₁ → PT ₉	59°56'30"	99.10	89°57'15"	4449.89	TB
BACK CP ₂					
INT RT					
CP ₁ → PT ₁₀	37°28'55"	103.76	89°29'50"	4450.27	FL
BACK CP ₂					
CP ₁ → PT ₁₁	18°53'30"	67.55	88°35'30"	4451.17	TB

STA → STA	HOR X	H.DIST	VERT X
CP ₁ → PT ₁₂ BACK CP ₂ INT RT	14°20'15"	58.00	91°40'30" 4448.12
CP ₁ → PT ₁₂ BACK CP ₂ INT RT.	4°51'10"	54.31	86°17'00" 4453.33
CP ₁ → PT ₁₃ BACK CP ₂ INT LT.	27°26'45"	322.86	88°53'30" 4456.06
CP ₁ → PT ₁₄ BACK CP ₁ INT LT	25°15'05"	322.33	90°19'55" 4447.94

FE CANAL

T.B. $\frac{1}{2}$ EP.T.B. $\frac{1}{2}$ EP.

FE

STA → STA	HOLK	H. DIST.	VERT
INST. HI = 5.15		EL = 4453.78	
EDM HI = 5.65			
GLASS HI = 8.10			
CP ₂ → PT ₁₅	64°02'50"	138.78	88°24'05" 4454.20
CP ₁ INT RT			
CP ₂ → PT ₁₆	65°24'30"	118.49	83°19'00" 4453.81
CP ₁ INT RT			
CP ₂ - PT ₁₇	147°54'35"	45.19	81°15'45" 4452.49
CP ₁ INT LT			
CP ₂ → PT ₁₈	142°10'50"	44.37	88°18'10" 4451.64
CP ₁ INT LT			
CP ₂ → PT ₁₉	135°13'08"	42.94	86°34'00" 4452.90
CP ₁ INT LT			

T.B. & P.C. (S.E.)

FLOWING WELL @ R

T.B. & P.C.

T.B.

T.B.

STA → STA	HORX	H/DIST	VERTA		
CP ₂ → PT ₂₀ CP, INT LT	127°45'36"	194.27	89°35'15"	4451.73	TB $\frac{1}{2}$ PL (S.W.)
CP ₂ → PT ₂₁ CP, INT LT	126°04'06"	193.52	90°02'06"	4450.22	FL
CP ₂ → PT ₂₂ CP, INT LT	124°55'40"	192.83	88°39'45"	4454.83	TB $\frac{1}{2}$ PL

NOTE: SMALL DITCH EAST OF
CP₂ IS 9.82'

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30



$$\frac{524}{478} = \frac{\sin 45^\circ 22' 55''}{\sin 89^\circ 34' 17''} \times \frac{46}{46}$$

$$\frac{524}{482}$$

$$\frac{\sin A}{9} = \frac{\sin B}{42}$$

$$\frac{529}{484} = \frac{42}{529}$$

$$\frac{45}{48}$$

$$.3 / 100$$

$$300$$

$$\begin{array}{r} 60 \\ 003 \\ 180 \\ 0000 \\ \hline .18 \end{array}$$

~~DELETED~~
 76 ← 76