

CWC Field Book  
No. 4

BRIDGE L-2873 PLAT

5/10/83

BS. NW COR

D 00-00-00

to W/4

R 179-59/40-40

to SW COR

R 359-59-40/40

D 180-00-00/00

V 359-48-00

(DIST TO NW)

F 2637.47

M 803.904

H 2637.45/45

D 90-00-00/00

R 269-59-40/40

R 89-59-40/40

D 270-00-00/00

DIST TO SW

V 359-50-00

F 2638.99

M 804.368

H 2638.97/98

NW COR. SEC. 28  
2" CAP. I.P.

-- 2637.45 --

W/4 COR. S. 28  
RR SPIKE FLUSH

-- 2638.97 --

3/4" X 15" I.P.  
W/D.C. FLUSH

B.S. W/4

T@ SWCH

D 00-00-00

To "B"

R 89-49-55/55 89-49-55

(MKT.)

R 269-49-55/50

(9" SPK)

D 179-59-55/55

V 000-08-00

F 2107.06

M 642.235

H 2107.05

D 90-00-00 89-50-09

R 179-50-02/00

R 359-50-12/10

D 289-59-55/50

89-50-02"

TIES To "B"

16" RED OAK (DISC) S20E 57.7'

14" RED OAK (DISC) S20W 37.30'

B.S. SW. D 00-00-00 V 359-55-00

To (MKT) R 182-10-05 F 487.84

to (COUNTER) R 02-10-10 M 148.695

D 179-59-55 H 487.84

D 80-00-00 182-10-10

R 272-10-15 182-10-10

R 92-10-15

D 270-00-10

To "C" D 00-00-00 V 359-02-00

(RD. SPK) R 140-08-20 F 1581.09

R 320-08-25 M 481.919

D 179-59-55 H 1580.87

D 90-00-00

R 230-08-30 140-08-25

R 50-08-30 140-08-25

D 270-00-10

9" SPK @ E DRIVEWAY APPROACH

6'± WESTLY OF P/W LINE

# BRIDGE SURVEY CONT.

B.S. "B" D 00-00-00 V 359-56-00

To "C" R 166-33-25 F 693.36

to P.C. R 346-33-25 M 211.38

D 180-00-10 H 693.36'

D 90-00-00 { 166-33-20

R 256-33-30 { 166-33-25

R 76-33-25 { 166-33-23"

D 270-00-05

D 00-00-00 V 359-50-00

B.S. "C" R 159-05-10 F 531.22

To P.C. R 339-05-05 M 161.917

To "D" D 180-00-05 H 531.22

D 90-00-00 159-05-05

R 249-05-10 159-05-10

R 69-05-10 159-05-08

D 270-00-00

"D" " " 9" SPC 8" J.P. S80W 56<sup>60</sup>/<sub>10</sub>  
" " " " N80W 56<sup>70</sup>/<sub>10</sub>

BRIDGE SURVEY CONT.

B.S. PC. D 00-00-00 ✓ 360 -02-00

To D R 194-29-10 E 416.39

To "E" R 14-29-15 M 126.918

D 179-59-55 H 416.39

D 90-00-00

9" SPL

R 284-29-10

194-29-15

R 104-29-15

194-29-15

D 269-59-55

D 00-00-00 ✓ 357-41-00

B.S. "D" R 173-22-45 E 279-47

To "E" R 353-22-50 M 85.184

To "F" D 179-59-55 H 279.24

D 90-00-00

173-22-50

R 263-23-00

D 83-23-10

173-22-54

R 270-00-15

9" SPL

# BRIDGE SURVEY CONT.

B.S. "E" D 00-00-00 V 359-31

TC "E" R 135-21-50 F 289.17

To "P.T." R 315-21-45 M 88.141

D 180-00-00 H 289.16

D 90-00-00 135-21-48

R 225-22-00 135-22-00

R 45-22-00 135-21-54

D 270-00-00

To "P.I." D 00-00-00 V 353-49

R 238-29-00 F 64.72

R 58-29-00 M 19.727

D 180-00-00 H 64.34

# BRIDGE SURVEY CONT.

B.S. "F" D 00-00-00 V 360-04

To P.T. R 168-41-35 F 1323.04

To "23" R 348-41-35 N 403.265

(LANDECKER) D 180-00-00 H 1323.04

D 90-00-00

R 258-41-35

R 78-41-35

D 270-00-00

B.S. P.T. D 00-00-00 V 359-53

To "23" R 243-16-05 F 454.38

To "22" R 63-16-05 M 138.496

D 179-59-50 H 454.38

D 90-00-00

R 333-16-15

R 153-16-15

D 270-00-10

LANDECKER  
R/R SPIKE

BS 23 D 00-00-00 U 00-16-00

TR 22 R 178-03-10 F 975.88

to 21 R 358-03-05 M 297.449

D 179-59-50 H 975.87

LANDECKER

A

D 90-00-00

R 268-03-30

R 88-03-20

D 270-00-10

241-28-59

178-03-16

# BRIDGE SURVEY CONT.

10

D 00-00-00 V 359-13-00  
 BS222 X R 58-06-15 F 137.66  
 T21 R 238-06-20 M 41.960  
 10 1/16 D 179-59-55 H 137.65  
 2" W/CAP +.25'  
 for Pinned

D 00-00-00 V 01-41-00  
 T20 R 241-28-55 F 501.10  
 R 61-28-55 M 152.737  
 D 179-59-55 H 500.88

LAND ELEV



D 90-00-00  
 R 331-29-00  
 R 151-29-00  
 D 270-00-00

BRIDGE CONT.

BS21 D00-00-00 U 00-0500

TO20 R179-13-15 F 671.44

to 1 R359-13-10 M 204.656

NECOR D180-00-00 H 671.44

D 90-0000

R 269-13-15

R 89-13-15

D 270-00-00

B.S. Cont.

TIE IN OF D.C. PLAT

B.S.B D 00-00-00 V 357-57  
To "A" R 126-29-50 F 29.20' + .3'  
to 5/4 R 306-29-50 M  
D 180-00-00 H

To D.C. D 000000 V 0-13-00  
ON MS 1/2 line R 265-15-30 F 413.64  
265-30-15 R 25-15-30 M 126.080  
85-30-15 D 180-00-00 H 413.64

12

May 18, 1983  
TSS - 8H

Locate additional OLD &

To #23 B.S. #22 All 8's RT.

| STA.    | Hor    | DIST  |
|---------|--------|-------|
| P.O.T & | 117-31 | 399   |
| &       | 117-32 | 375   |
| "       | 117-34 | 352   |
| "       | 117-34 | 329   |
| "       | 117-31 | 306   |
| "       | 117-28 | 282   |
| "       | 117-10 | 261   |
| "       | 117-08 | 235   |
| "       | 116-54 | 210 ✓ |
| "       | 116-30 | 192   |
| "       | 115-50 | 168 ✓ |
| "       | 114-42 | 143   |
| "       | 112-51 | 124 ✓ |
| "       | 101-02 | 77    |
|         | 87-46  | 59 ✓  |
|         | 65-12  | 49    |
|         | 38-30  | 52 ✓  |

13

00 00 00

56-58-40

280-58-35

180-50-04

56-58-20

90-00-00

100-00

|   |        |     |   |
|---|--------|-----|---|
| E | 18-58  | 63  | ✓ |
| " | 8-00   | 82  | ✓ |
| " | 1-40   | 104 | ✓ |
| " | 358-08 | 126 | ✓ |
| " | 356-03 | 150 | ✓ |
| " | 354-46 | 170 | ✓ |
| " | 354-04 | 192 | ✓ |
| " | 353-37 | 215 | ✓ |
| " | 353-24 | 240 | ✓ |
| " | 353-26 | 265 | ✓ |
| " | 353-4  | 290 | ✓ |
| " | 354-00 | 310 | ✓ |
| " | 354-35 | 335 | ✓ |
| " | 355-10 | 360 | ✓ |

36 cont

2/16/84

TB

180-16-00

BS.23 D 00-00-00 V 000-13-30

T-21 R 152-00-43/50 F 433.84'

to T-1 R 332-00-59/50 M 132.236

(P.O.T) D 180-00-03/00 H 433.84'

D 90-00-00/00

R 242-00-55/55

R 62-00-55/55

D 270-00-40/05

BS.23 D 00-00-00 V 358-48-30

T-1 R 125-00-00/00 E 331.02

to T-2 R 305-00-05/00 M 100.897

(SIS) R 180-00/00 H 330.97

SIDE  
SHOT  
(P.O.T.) D 90-00-00

R 215-00-15/20

R 35-00-30/25

D 270-00-20/15

125-00-10  
330.97

15

152-0050

433.86

Check 433.88'

T-1 D 00-00-00 V 359-28-10

to T-3 R 121-31-05/10 F 980.90'

R 301-31-10/05 M 298.990

D 180-00-10/05 H 980.85

D 90-00-00

R 211-31-20

R 31-31-10

D 270-00-15/15

121-31-06  
980.85

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COUNTY LANDFILL (RIVERTON)

X-SECTIONS FOR DAVE ZONTELLI

JULY 11, 1983

BENCH MARKS

R.R. SPIKE IN 8" ASPEN IN 8. FENCE  
N. SIDE OF TRAIL 100±' WEST  
OF FENCE ENCL. ELEV 1257.38

SPIKE IN BIT. & E OF 147;  
TRAIL INTO PHASE I  
ELEV 1267.14

B.M. 2.48 1269.62 1267.14'

29+75/7+00 7° 1262.6  
 29+00/7+00 5° 1263.7  
 28+00/7+00 8° 1260.7  
 27+00/7+00 11° 12583  
 26+35/7+00 10° 12596

2625/8+00 9° 12557  
 27/8 10° 12588  
 28/8 15° 1254.3  
 29/8 —  
 29+75/8

29/5/9 12° 1257.6  
 29/9 14° 1255.1  
 28/8 11° 1258.3  
 27/8 9° 1260.0  
 2625/9 5° 1264.4

17

SPIKE @ 22

From Another Point

2975  
 2750  
 225

1269.62

2625/10

27/10

28/10

91

1260.5

29/10

61

1263.5

2975/10

92

1260.4

2975/1075

72

1262.4

29/1075

28/1075

19

1268.6

27/1075

2625/1075

Bm

2.5% x 1267.12 / 1267.14

06 DB

B.M. 0.20 1267.34 1267<sup>14</sup>

2975/8 18° 1249.34

29/8 17° 1250.1

28/8 128/ 1254.5

B.M. 0.20 1267<sup>14</sup> / 1267<sup>14</sup>

0/3/83 JB  
JH CHECK TOP BERM

B.M. 7.90 1275.04 1267<sup>14</sup> 8/3  
ELEV

|       |        |       |       |            |       |
|-------|--------|-------|-------|------------|-------|
| 26+25 | 1275.0 | F-4.8 | F-3.1 | 0.0<br>7.9 | 71.94 |
| 27+00 | "      | F-4.0 | F-3.9 | 0.0<br>7.9 | 71.14 |
| 28+00 | "      | F-3.3 | F-4.6 | 0.0<br>7.9 | 70.44 |
| 29+00 | "      | F-2.9 | F-5.2 | 0.0<br>7.9 | 69.84 |
| 29+75 | "      | F-3.1 | F-4.8 | 0.0<br>7.9 | 70.24 |

29+00/7+00 ✓ shot

B.M. 7.90

Check Shot right on

SAC @ R

From PJ  
9/1 ELEV

R 3.1

R 3.9

F 4.6

R 5.2

R 4.8

70° F 5°

71° F 3 1/2

72° F 2 1/2

72° F 2 1/2

73° F 1 1/2

B.M 9.72 1276.9 1267.14

2625/9 122 12647

TP 275 1274.11  
1625 90.36

2625/10 32 1287.2

27/1075 42 1286.2

2625/1075  $V = 170 - 36 D = 72'$   $R_{60} = 3.4'$

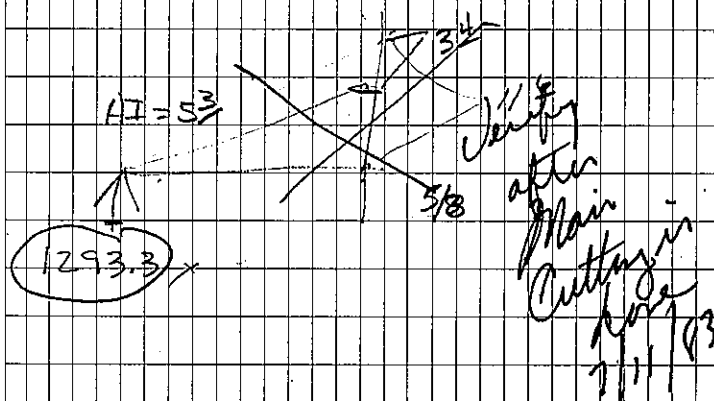
TP 285 1276.96  
1625 1274.11

BM 982 1267.14 1267.14

20

EC

✓ right on DB



✓ right on DB

CHD-83-08 (C.R. 118)

BEGIN 7/25/83

TJB-Q.H.

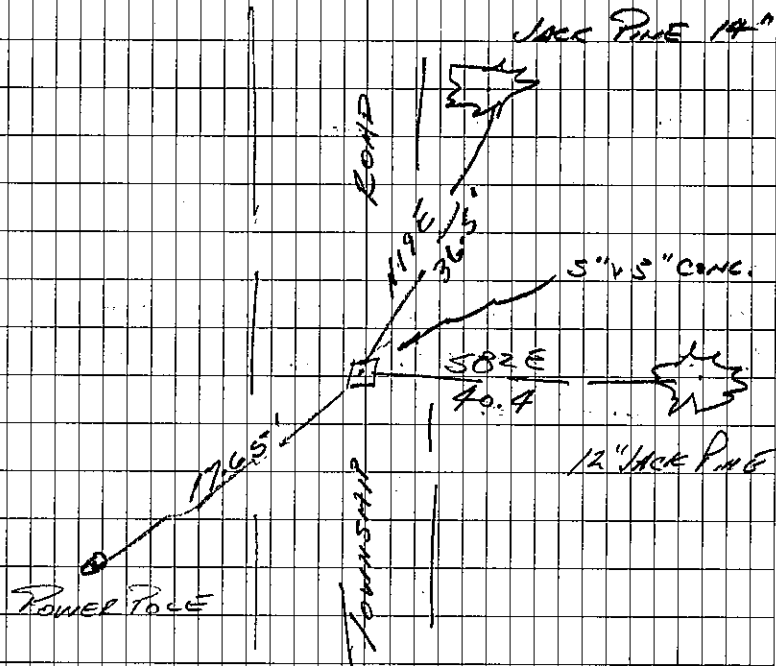
F. TERRY J. BETLEY R.L.S. #15811  
FOUND THE 5" x 5" CONC. MON.  
AS FOUND BY OTHERS AS INDICATED  
ON THE INDEX CARD.

R.C.M. 1981 B.T. ARE INTACT  
AND IN GOOD SHAPE SHOULD  
DIG THIS CONC. QUITE POSS. F.A.  
GLASS SET THIS POSS. HIS INITIALS  
ARE SCRIBED ON THE SIDE

7/25/83 TJB

22

TIES TO  
C-S-135-27 (5/6)



JULY 25, 1983

TERRY - JEFF

I TERRY J. BETLEY R.L.S. #15811

FOUND A 1/2" IRON PIPE DOWN 0.1'

& C.R. NO. 118

NO EXCAVATION MADE AT THIS DATE

NOTE: PCN 1081 TIES ARE INTACT

AND CHECK O.K.

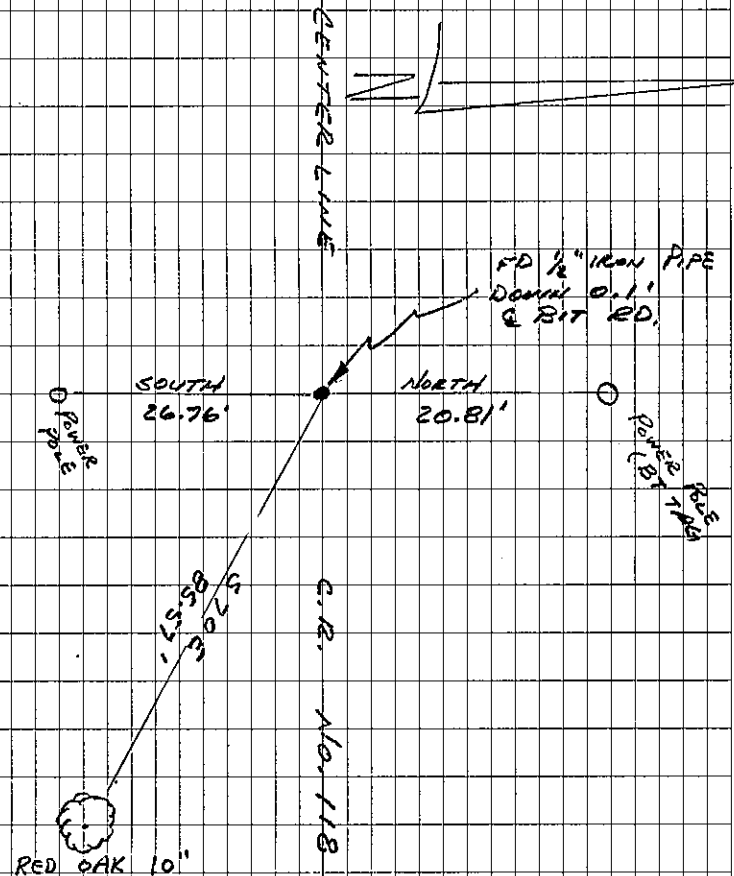
TJB

See  
Certificate  
for  
the

Done  
10/20/83

23

C-25 (C-1) 135-28 (135-27)



C-21, 135-28

DMA 1950 B.T.  
 30" WHITE PINE  
 BLAZES GROWN OVER  
 DID NOT CHOP OPEN  
 IN YARD!

RCM, 8" RED OAK

RCM 12" JACK PINE



N60W  
 44.15'

N46E  
 55.2'

N15E  
 51.93'

FOUND 2" IRON PIPE  
 0.3 DOWN.

R.C.M. TIES CHECK

OK. TJB

S20W  
 86.95'

RCM 12" BIRCH



E-17 135-28

9" SPK DIRECTLY OVER  
A 2" CAPPED IRON PIPE

# ALIGNMENT CONTROL

B.S. G-17 D) 00-00-00 V) 359-56-20

To E-17 R) 89-22-51/54 V) 359-56-22

To E-15 R) 269-22-50/52 F) 2650.20

D) 180-00-05/05 M) 807.783

A' = 89-22-50

D) 90-00-00

H) = 2650.19

R) 179-22-56/50

R) 359-22-44/39

D) 270-00-18/18

AZ = 89-22-34

To D-17 D) 00-00-00 V) 359-57-41

R) 175-50-09/07 V)

D) 355-50-07/05 R) 1323.97

R) 180-00-05/05 M) 403.548

A' = 175-50-05

AZ = 175-49-58

D) 90-00-00

H) = 1323.97

R) 265-50-08/5

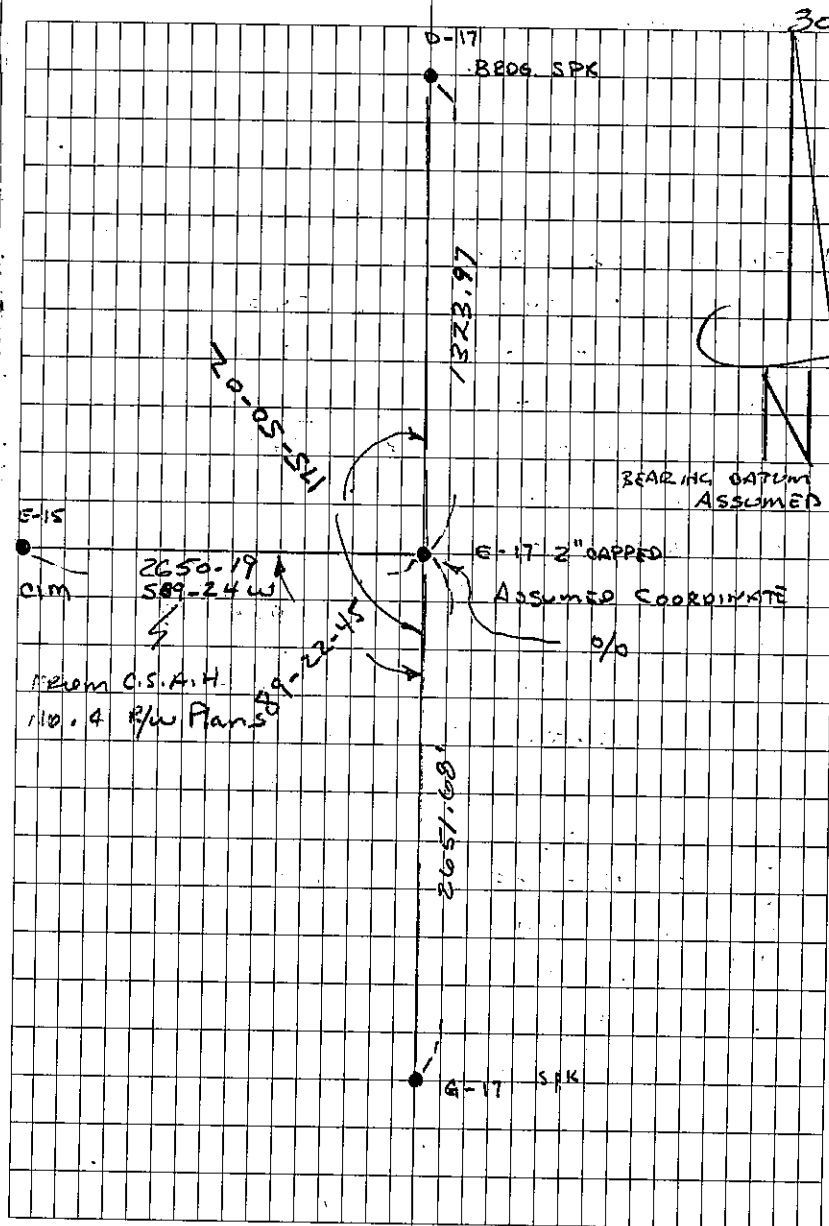
R) 85-50-15/08

D) 270-00-18/18

To G-17 (DIST. ONLY!!)

V) 359-54-50 F) 2651.69 H) 2651.68

V) 359-54-50 M) 808.237



# ALIGNMENT CONTROL CONT.

B.S. E-17

TO D-17 D 00-00-00 ✓ 179-55-46

TO TRAIL R 272-54-21/11 ✓ 359-54-54 ✓

R 92-54-11/18 FSL 2740.63

D 180-00-05/03 M 835.347

A' = 272-54-14 A<sup>2</sup> = 272-54-13 ✓

D 90-00-00 H = 2740.63'

R 2-54-09/16 (12)

R 182-54-22/19 (21)

D 270-00-04/09 (08)

B.S. D-17

TO TRAIL D 00-00-00 ✓ 359-46-56 ✓

TO PORT HILLS R 179-51-34/36 ✓ 180-04-06

R 359-51-40/44 FSL 2516.23'

D 179-59-54/57 M 766.949

A' = 179-51-42 A<sup>2</sup> = 179-51-45

D 90-00-00 H = 2516.21'

R 269-51-41/43

R 89-51-32/37 (35)

D 269-59-47/52 (50)

10" OAK DISC 165107698

NE COR TRANSFORMER  
518.00 - 49.25

PORT HILLS  
912516

2516.21'

179-51-661

10" BIRCH DISC W FACE  
510.00 MAG. 59.32

12" JACK PINE DISC W FACE  
547.00 E MAG 67.75

2740.63

272-54-21

513

# ALIGNMENT CONTROL CONT.

8/1/83 T, S, CLEAR 70° A.M.

B.S. TRAIL D) 00-00-00 D) 90-00-00  
 TO PORT HALLS (15) R) 240-26-16/14 R) 330-26-15/17 (16)  
 to POPLAR (20) R) 60-26-21/19 R) 50-26-21/15 (18)  
 (54) D) 119-59-56/51 D) 270-00-03/5 (64)

U) 180-39-05

(240-26-17) Fsl.) 250.66

M) 76.403

H) 250.64'

A<sup>1</sup> = 240-26-20 A<sup>2</sup> = 240-26-14

TO BIRCH D) 00-00-00 D) 90-00-00

(12) R) 117-58-09/15 R) 207-58-10/8 (9)

(117-58-08) (01) R) 297-58-05/56 R) 27-58-05/07 (6)

(54) D) 119-59-56/51 D) 270-00-03/05 (4)

A<sup>1</sup> = 117-58-10 A<sup>2</sup> = 117-58-06

U) 00-03-45

Fsl.) 310.45'

M.) 94.628

H) 310.45'

NOTE R<sup>1</sup> IS 7 1/2 WEST (EXT)

32

BIRCH TIES

6" BOX ELDER N 68° W 48.20'

6" POPLAR S 42° W 53.00'

NOTE T<sup>1</sup> IS FROM BIRCH TO A<sup>2</sup>-TRAV. "P.C."

BIRCH  
9" SPK

TRAIL

N

-- 2516.21' --

PORT HALLS

240-26-17

ANGLE LEFT

158-54-07

"POPLAR TIES"

6" POPLAR S 65° W 19.65'

6" OAK N 35° W 29.25'

POPLAR  
9" SPK

1106.15'

6-21 1/2"

## ALIGNMENT CONTROL CONT.

8/1/83

E-21

BS. PORT HALL D 00-00-00 D 90-00-00

TO BIRCH (19) R 180-54-19/116 R 240-54-01/04 (9)

PORT HALL  
TO E-21 (56) R 330-53-53/52 R 60-54-05/05

(50-54-07) (59) D 179-59-58/59 D 269-59-55/55

 $A^1 = 150^\circ 54' - 07''$   $A^2 = 150^\circ 54' - 07''$ 

U. 79-42'-33"

Fsl. 1106.16

M. 337.161

H. 1106.15'

B.S. PORT HALL D 00-00-00 D 90-00-00

TO BIRCH (09) R 152-04-11/07 R 242-03-59/03

TO C-21 (11) R 332-04-09/12 D 62-03-39/41 (40)

(07) D 180-00-09/5 R 269-59-39/36

 $A^1 = 152^\circ 04' - 07''$   $A^2 = 242-04-02$ 

U. 359-46-16

Fsl. 1047.81

M. 319.376

H. 1047.81

33

NEILAND  
9" SPK2611.7367  
11674.7133

"NEILAND TIES"

(44.22) 8" BIRCH S 65° E

(52.05) 8" J. PINE 85° E

11-23-43  
10-0-0-0

1301.39'

C-25

5095.24'

C-21

(242-04-01)

(242

422-03-40

269-59-37

152 04 03

|        |       |       |
|--------|-------|-------|
| Align. | Cont. | Cont. |
|--------|-------|-------|

|                 |   |              |  |   |              |
|-----------------|---|--------------|--|---|--------------|
|                 | D | 00-00-00     |  | D | 90-00-00     |
| B.S. BIRCH (58) | R | 273-23-00/56 |  | R | 03-22-58/54  |
| McC-21 (45)     | R | 93-22-44/46  |  | R | 183-22-44/43 |
| To C-25 (02)    | D | 180-00-03/00 |  | D | 269-59-50/54 |

A' 273°-22'-51"      A<sup>3</sup> 273-22-54"

273-22-53

Y 359°-57'-59"

F3 5093.24

MSI 1552.425

H 5093.24

END 9/1/83

8/2/93 75° clay

|           |            |            |
|-----------|------------|------------|
| B.S. C-21 | D 00-00-00 | D 90-00-00 |
|-----------|------------|------------|

Te C-25<sup>(45)</sup> R177-25-44/46 R267-25-34/39 (38)

to NEILAND <sup>(42)</sup> R 357-25-10/43 R 87-25-36/32 (34)

177-25-43 D 179-59-58/58 D 269-59-55/50 (53)

|           |            |            |            |
|-----------|------------|------------|------------|
| <u>A'</u> | 177-25-45' | <u>A''</u> | 177-25-40" |
|-----------|------------|------------|------------|

V 359-50-21"

SL F 1301.40'

SL 17 396.669

M 1301.39

34

NIELAND 945PK

256-16-58

(56)

(44)

(52)

## WHITE TIES

38

41

|                |       |        |
|----------------|-------|--------|
| Power Pole     | 505E  | 87.42  |
| Tel. PEO. Pole | N 80W | - 6750 |

2016.09.21

1978. 7130  
7589

|       |      |
|-------|------|
| WHITE | HSE. |
| ENSON |      |

158-04-46

Now Ay

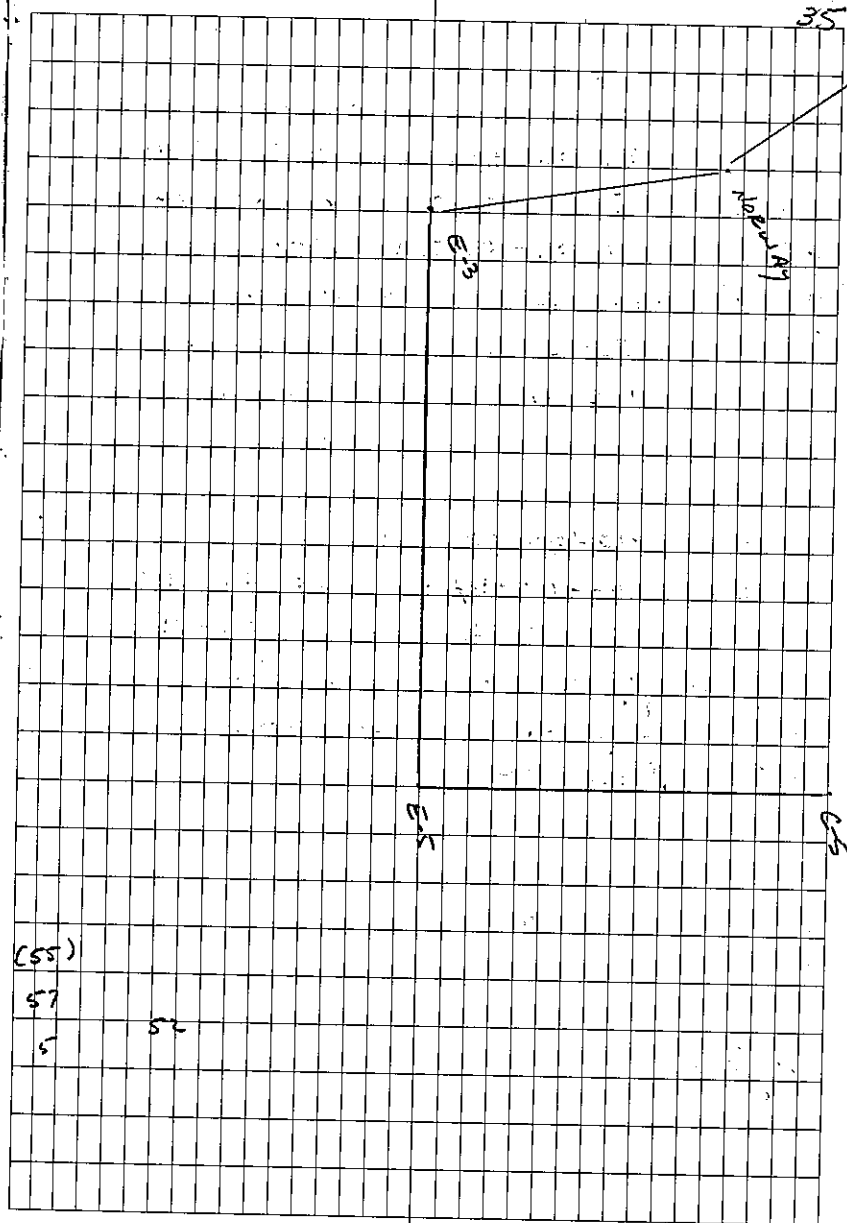
1870  
1871  
1872

# ALIGN. CONT.

B.S. C-25 D 00-00-00 D 90-00-00  
 TO NEILAND R 256-16-59/55 R 346-16-59/59  
 TO WH.HSE R 76-16-54/54 R 166-17-04/04  
 D 179-59-56/56 D 270-00-07/11  
 A<sub>1</sub> = 256-16-58" A<sub>2</sub> = 256-16-57  
 V 359-55-21 M<sub>51</sub> 230.628  
 S<sub>1</sub> F 756.65 H = 756.65'

B.S. NEILAND D 00-00-00 D 90-00-00  
 TO WH.HSE<sup>(40)</sup> R 158-04-43/36 R 248-04-44/46 (45)  
 TO NORWAY<sup>(38)</sup> R 338-04-36/40 R 68-04-51/51  
 D 179-59 46/46 D 270-00-05/05 (46)  
 A<sub>1</sub> = 158-04-46 A<sub>2</sub> = 158-04-46  
 V 180-01-34 M<sub>51</sub> 488.550  
 S<sub>1</sub> F 1602.85 H = 1602.85'

B.S. WH.HSE D 00-00-00 D 90-00-00  
 TO NORWAY<sup>(45)</sup> R 208 48-54/46 R 298-48-52/57  
 TO E-3 R 28-48 59/50 R 118-48-54/59  
 D 180-00-07/07 D 270-00-07/03  
 L 208-48-51 Z 208-48-54  
 V 180-02-56 M 191.735  
 F 629.05 H 629.05'



ALIGN CONT.

B.S. NORWAY D 00-00-00 D 90-00-00

TO E-3 B R 97-06-14/12 R 187-06-14/14

TO E-S R 287 06-02/00 R 7-06-15/3 14

97-06-12 D 179-59-49/47 D 270-00-08/10 9

V 97-06-13 Z 97-06-10

U 359-55-29" MSL 807.111

BS 8647.99 H = 2647.99'

B.S. E-3 D 00-00-00 D 90-00-00

TO E-S R 90-47-41/43 R 180-47-39/36

to C-S R 270-47-39/4 R 0-47-31/32

90-47-39 D 180-00-04/03 D 269-59-52/55

V 90-47-39 Z 180-47-38

V 359-54-12 \*

S/F 2669.57

S/M 813.689

H 2669.57'

36

38

32

54

TO D-17 B.S. C-17  $\frac{1}{2}$  RT

| F/S | HORZ    | DIST |
|-----|---------|------|
| Q   | 358°14' | 195' |
| "   | 356°55' | 140' |
| "   | 337°32' | 70'  |
| "   | 284°30' | 80'  |
| "   | 273°52' | 140' |
| "   | 273°06' | 208' |

TO PORT HILLS B.S. TRAIL XS RT

| FS | HOR     | DIST   |
|----|---------|--------|
| Q  | 359°42' | 197' * |
| "  | 359°46' | 131'   |
| "  | 6°12'   | 74'    |
| 41 | 69°17'  | 36'    |
| "  | 117°19' | 90'    |
| "  | 122°52' | 156'   |
| "  | 121°25' | 230'   |
| "  | 116°35' | 308'   |

| F/S | Hor     | DIST   |
|-----|---------|--------|
| Q   | 1°46'   | 220' 1 |
| "   | 00°35'  | 147' 2 |
| "   | 345°50' | 83' 3  |
| "   | 290°03' | 79' 4  |
| "   | 273°51' | 141' 5 |
| 4   | 272°55' | 224'   |
| 1   |         |        |

38

STAKING NOTES  
TO SET P.O.T. FROM  
STA. "TRAIL"

91° 14' 28" P.O. 3/8" X 9" SPK (SET)

STRAIGHT LINE BETWEEN 1/16 CORNERS

D-17  
1320.50LS  
1904.2968-

-- N 88° 42' - 02" E --  
-- 2740.69' --

-- 5394.75' --

1442.8418  
15227.6561  
8-2

63. D-17  
XE TRAIL  
to P.O.T.  
R) 91-14-28  
D)

H= 2.79' (CL.)

TRAIL 9" SPK  
11379.8769  
12644.2830

NOTE TAKE TIES!!

2740.69  
2615.24  
13+91.95  
4071.5  
4071.23

12644.283  
9904.296  
2739.987

STAKING NOTES  
TO SET P.O.T. FROM  
STA. "PORT HALLS"

STRAIGHT LINE BTWN 1/16 CORN.

91° 22' 44" 0.70' SET P.O.T.

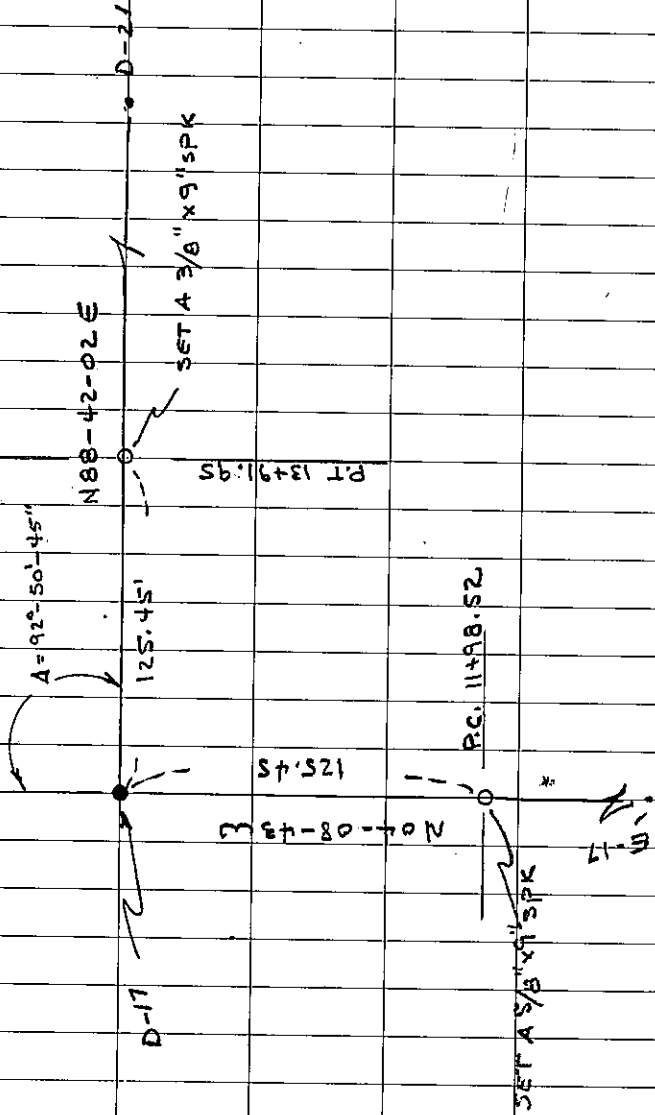
117.92'

"PORT HALLS"

TAKE CROSS SECTIONS

STAKING NOTES TO SET

P.C. 11+98.52  
P.T. 13+91.95



70

1.48  
24.95  
26.43

DEF. X'S FOR  
CURVE 13+23.97 (P.T.)

| P.C. 11+98.52 | DEF.        | C+D.   |
|---------------|-------------|--------|
| 12+00         | 0°-21'-16"  | 1.48'  |
| +25           | 6°-21'-16"  | 24.95' |
| +50           | 12°-21'-16" | 24.95' |
| +75           | 18°-21'-16" | 24.95' |
| 13+00         | 24°-21'-16" | 24.95' |
| +25           | 30°-21'-16" | 24.95' |
| +50           | 36°-21'-16" | 24.95' |
| +75           | 42°-21'-16" | 24.95' |
| P.T. 13+91.95 | 46°-25'-22" | 16.94' |

D = 20° 00' - 00"  
 A = 89° 51' - 00"  
 R = 286.481  
 L = 449.25  
 T = 285.731  
 C = 404.617  
 E = 118.1342

STAKING NOTES FOR  
 CURVE 66+61.25

11728.5143  
 15291.9243

SET 3/8" x 9" FOR P.T.

118.1342

818CH  
 11718.3547  
 15298.0763

15297.996  
 1501.45  
 15245

11436.3621  
 15011.9996  
 SET 3/8" x 9" FOR P.C.

N88-42-02E

N88-37-14E

STATION  
 110 ESCAPE

P.I. 11442.8418  
 15297.6561

PORT  
 HALLS

11440.4176  
 #15159.7644

N88-25-40E

B.S. TRAIL  
 TO PORT HALLS  
 TO P.C.

D) 00-00-00  
 E) 359-48-24  
 D)  
 E)

CN. 147821

B.S. P.H.  
 TO BIECH  
 TO P.T.

D) 00-00-00 CH) 11.881  
 E) 122-20-491  
 D)  
 E)

# 2 CURVE DATA

66+61.25

| P.C. | 63+75.52          | DEF                | S/CHD  |
|------|-------------------|--------------------|--------|
|      | 64+00             | 357-33-07 2-26-53  | 24.47  |
|      | +25               | 355-03-07 4-56-53  | 24.99  |
|      | +50               | 352-33-07 7-26-53  | 24.99  |
|      | +75               | 350-03-07 9-56-53  | 24.99  |
|      | 65+00             | 347-33-07 12-26-53 | "      |
|      | +25               | 345-03-07 14-56-53 | "      |
|      | +50               | 342-33-07 17-26-53 | "      |
|      | +75               | 340-03-07 19-56-53 | "      |
|      | 66+00             | 337-33-07 22-26-53 | "      |
|      | +25               | 335-03-07 24-56-53 | "      |
|      | +50               | 332-33-07 27-26-53 | "      |
|      | +75               | 330-03-07 29-56-53 | "      |
|      | 67+00             | 327-33-07 32-26-53 | "      |
|      | +25               | 325-03-07 34-56-53 | "      |
|      | +50               | 322-33-07 37-26-53 | "      |
|      | +75               | 320-03-07 39-56-53 | "      |
|      | 68+00             | 317-33-07 42-26-53 | "      |
| P.T. | +24 <sup>77</sup> | 315-04-22 44-55-38 | 24.76' |

42

TIES TO P.C. 14" ? POPPLE  
N. 70.59'

12" MAPLE  
N 30°W 91.60'

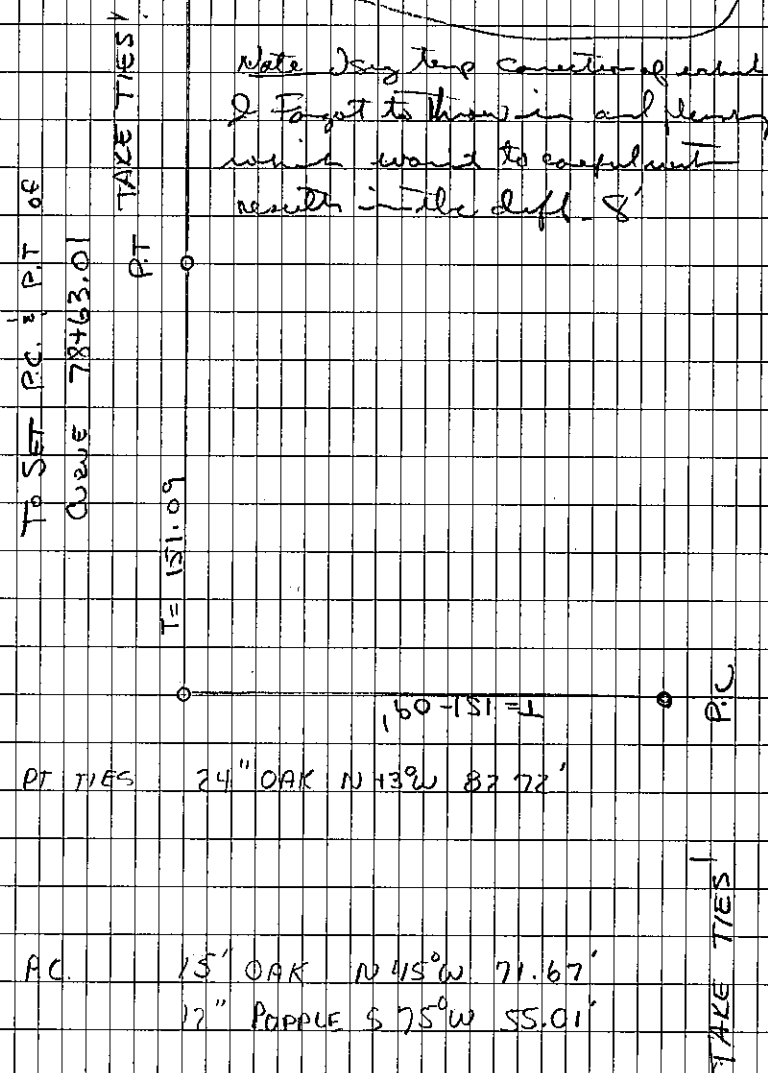
10" POPPLE  
N 20°W 51.14'

TIES TO P.T. 8" POPPLE  
S 20°W 78.72'

E CURVE DATA 78+63.01 78+63.01  
 A =  $93^\circ - 03' - 22''$  143.24 151.09  
 D =  $40^\circ - 00' - 00''$  77+19.77 77+11.92  
 R = 143.24'  
 L = 232.6403  
 T = 151.09'  
 C = 207.9010  
 E = 64.9576

|      | STA      | DEF &    | CHD    |
|------|----------|----------|--------|
| PC = | 77+11.92 | —        | —      |
|      | +25      | 2-36-58  | 13.08' |
|      | +50      | 7-36-58  | 24.97  |
|      | +75      | 12-36-58 | "      |
|      | 78+00    | 17-36-58 | "      |
|      | +25      | 22-36-58 | "      |
|      | +50      | 27-36-58 | "      |
|      | +75      | 32-36-58 | "      |
|      | 79+00    | 37-36-58 | "      |
|      | +25      | 42-36-58 | "      |
| P.T. | 79+44.56 | 46-31-41 | 19.54' |

EQUATION BACK = 77+11.12  
 AHEAD = 77+11.92



# E CURVE DATA

P.I. 128+86.76

D= 01°-00'-00" Note checked

Δ= 02°-30'-11" INTO P.C. 127+41.19 .49 will

R= 5729.68' Not check mile equation

L= 250.3056 LONG FOR THIS DIST

T= 125.1727 5,000±' ~~1983~~

C= 250.2857

E= 113671

P.C. 127+61.57 Δ CHD

+75 359-55-59 0-04-01 13.41

128+00 359-48-29 0-11-31 25.00

+25 359-40-59 0-19-01 "

+50 359-33-29 0-26-31 "

+75 359-25-59 0-34-01 "

129+00 359-18-29 0-40-31 "

+25 359-10-59 0-49-01 "

+50 359-03-29 0-56-31 "

+75 358-55-59 01-04-01 "

130+00 358-48-29 01-11-31 "

P.T. 130+11.89 358-44-59 01-15-06 11.89'

141+47.60 END PROJECT E & C

To SET E/S set  
a nail 1.55' South  
of the end of the

TAKE TIES TO P.C.

127+41.19  
29-49  
125.1727

T= 125.1727

TAKE TIES TO P.C.

To COR OF PLAT AS PER TESTIMONY

1) 251-34-15

Or 65.70

104D-83-08

8/24/83

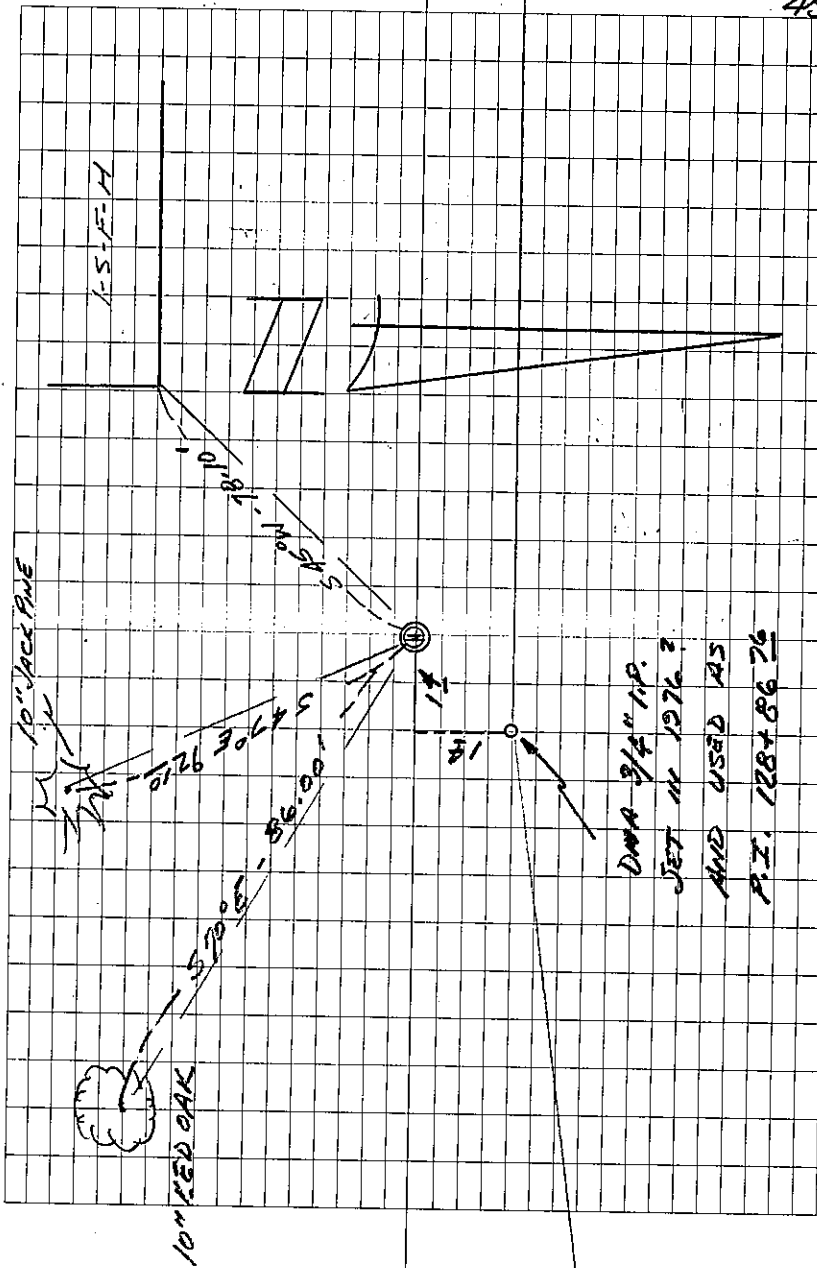
CP-18-118-01

TJB, J.A, J.H, DMA

|       |       |         |        |        |       |       |
|-------|-------|---------|--------|--------|-------|-------|
| I     | TERRY | O       | BETLEY | R.L.S. | #     | 15811 |
| FOUND | A     | 3"      | WOOD   | POST   | 1.2'± |       |
| BELOW | EXIST | BIT.    | MAT.   | 1.4    |       |       |
| SOUTH | AND   | 1'±     | WEST   | OF     | A     |       |
| 3/4"  | I.P.  | THAT    | HAS    | BEEN   | USED  |       |
| AS    | THE   | QUARTER | CORNER | AND    |       |       |
| I     | HAVE  | ALSO    | USED   | AS     | A     | P.I.  |

REPLACED SAID POST WITH A  
STANDARD C.I.M. (LEFT REMAINS  
OF POST UNDER C.I.M.)

45





|         |      |
|---------|------|
| 1375/95 | P.T. |
|---------|------|

LT E RT 48



STA      +      -      ELEV

22+00

23+00

24+00

25+00

26+00

27+00

28+00

29+00

LT      E      RT      SD

EM

EM

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EM

STA      +      T      -      ELEV

30+00

31+00

32+00

33+00

34+00

35+00

36+00

37+00

LT

E

RT

51

EM

0

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EM

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STA      +      -      ELEV

38+00

39+00

40+00

107<sup>23</sup> P.O.T

41+00

42+00

43+00

44+00

45+00

LT

E

RT

52

EM

0

EM

EM

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EM

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EM

9" X 3/8" SPK FLUSH

EM

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EM

STA +  $\pi$  - GLEV.

46+00

47+00

48+00

49+00

50+00

51+00

52+00

53+00

LT

2

RT

53

EM

0

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| STA   | + | π | - | ELEV |
|-------|---|---|---|------|
| 54+00 |   |   |   |      |
| 55+00 |   |   |   |      |
| 56+00 |   |   |   |      |
| 57+00 |   |   |   |      |
| 58+00 |   |   |   |      |
| 59+00 |   |   |   |      |
| 60+00 |   |   |   |      |
| 61+00 |   |   |   |      |

| LT | E | RT | SA |
|----|---|----|----|
| EM | 0 | EM |    |
| EM | 0 | EM |    |
| EM | 0 | EM |    |
| EM | 0 | EM |    |
| EM | 0 | EM |    |
| EM | 0 | EM |    |
| EM | 0 | EM |    |
| EM | 0 | EM |    |

STA      +      T      -      ELEV

62+00

63+00

63+75<sup>52</sup> P.C.

64+00

+25

+50

+75

65+00

LT

E

RT

55

EM

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STA +  $\pi$  - ELEV

67+25

+50

+75

68+00

68+24<sup>17</sup> P.T.

69+00

70+00

71+00

LT

Q

RT

57

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| STA.     | +                 | - | ELEV |
|----------|-------------------|---|------|
| 72+00    |                   |   |      |
| 73+00    |                   |   |      |
| 74+00    |                   |   |      |
| 75+00    |                   |   |      |
| 76+00    |                   |   |      |
| 77+00    |                   |   |      |
| 77+11.12 | ↑ BACK "EQUATION" |   | P.C  |
| 77+11.92 | ↓ AHEAD           |   | P.L  |
| +125     |                   |   |      |

[illegible]

| STA | + | π | - | ELEV |
|-----|---|---|---|------|
|-----|---|---|---|------|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
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|-----|--|--|--|--|
| +75 |  |  |  |  |
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| 78+00 |  |  |  |  |
|-------|--|--|--|--|

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| +25 |  |  |  |  |
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| +50 |  |  |  |  |
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| +63 <sup>01</sup> P.I. |  |  |  |  |
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| +75 |  |  |  |  |
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| 79+00 |  |  |  |  |
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|-----|--|--|--|--|
| +25 |  |  |  |  |
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|------------------------|--|--|--|--|
| +44 <sup>56</sup> P.T. |  |  |  |  |
|------------------------|--|--|--|--|

| LT | Q | RT | SS |
|----|---|----|----|
|----|---|----|----|

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| EM |  |  |  |
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B.M

1267.14

26125

7100

29478

B.m

9.39

1267.14

1276.53

9+75

9+00

8+00

7+00

6+25

B.m

9.38

SOUTH  
BASE  
LINE 13.9  
62.9

24.8 24.3 18.8 13.9 6.8 21.6 13.6  
300 200 100 75 50 25 100

24.8  
375 51.7

51.4 52.5 53.4 61.5 72.3 66.9 64.0  
25.1 24.3 23.1 15.0 4.2 9.6 12.5  
300 200 100 75 50 25 100

24.1 52.4  
375

52.5 53.0 55.0 51.7 62.0 72.3 65.5 60.0

24.0 23.5 21.5 16.8 13.9 4.2 11.0 15.7  
300 200 100 75 50 25 100

22.9 53.9  
375

53.5 54.5 56.1 63.1 71.9 64.9 59.2

23.0 22.3 20.4 12.8 4.6 11.6 17.3  
200 100 75 50 25 100

25.3 50.7  
300

51.9 52.5 56.1 63.1 70.0 66.1 59.4

24.6 23.7 20.0 12.9 6.5 9.8 16.9  
250 200 100 75 50 25 100

10/31/83

ELEVATIONS OR WELLS

DB-RB

@ COUNTY L/F

|      |      |        |        |           |
|------|------|--------|--------|-----------|
| B.M. | 5.98 | 105.98 | 100.00 | (1232.16) |
|------|------|--------|--------|-----------|

|      |  |       |       |  |
|------|--|-------|-------|--|
| T.P. |  | 11.10 | 94.88 |  |
|------|--|-------|-------|--|

|  |      |       |  |  |
|--|------|-------|--|--|
|  | 1.55 | 96.43 |  |  |
|--|------|-------|--|--|

|      |  |      |       |  |
|------|--|------|-------|--|
| T.P. |  | 5.04 | 91.39 |  |
|------|--|------|-------|--|

|  |      |       |  |  |
|--|------|-------|--|--|
|  | 4.51 | 95.90 |  |  |
|--|------|-------|--|--|

|        |  |      |       |  |
|--------|--|------|-------|--|
| T.B.M. |  | 0.10 | 95.80 |  |
|--------|--|------|-------|--|

~~4.51~~

|  |      |       |      |  |
|--|------|-------|------|--|
|  | 0.10 | 95.90 | 4.51 |  |
|--|------|-------|------|--|

|      |  |      |       |  |
|------|--|------|-------|--|
| T.P. |  | 4.77 | 91.39 |  |
|------|--|------|-------|--|

4.77

|  |      |       |  |  |
|--|------|-------|--|--|
|  | 4.70 | 96.16 |  |  |
|--|------|-------|--|--|

|        |  |      |       |  |
|--------|--|------|-------|--|
| T.P.I. |  | 4.70 | 91.46 |  |
|--------|--|------|-------|--|

|  |       |        |  |  |
|--|-------|--------|--|--|
|  | 11.24 | 102.70 |  |  |
|--|-------|--------|--|--|

|        |  |      |        |        |
|--------|--|------|--------|--------|
| T.B.M. |  | 2.70 | 100.00 | 100.00 |
|--------|--|------|--------|--------|

ELEV FOR WELL #6

ASSUMED ELEV ON R/R SPIK IN 12"  
RED DAK (WILL CALL WSN FOR ELEV.)

TOP OF WELL CASING, WELL #6

SPIK IN DAK RIGHT ON TOP

10/31/83  
TJB RGV

ELEV FOR WELL #5

|        |       |        |        |                  |
|--------|-------|--------|--------|------------------|
| B.M.   | 0.00  | 100.00 | 100.00 | (1232.16)        |
| T.P.   |       |        | 10.58  | 89.42            |
|        | 8.97  | 98.39  |        |                  |
| T.P.   |       |        | 2.34   | 96.05            |
|        | 10.29 | 100.34 |        |                  |
| T.B.M. |       |        | 0.00   | 106.34 (1238.50) |
|        | 0.00  | 106.34 |        |                  |
| T.P.   |       |        | 10.29  | 96.05            |
|        | 4.14  | 100.19 |        |                  |
| T.B.M. |       |        | 0.18   | 100.01 / 100.00  |

SPK IN RED OAK ELEV ASSUMED  
(CALL W.S.A. FOR ELEV.)

TOP OF WELL CASING #5

Right on TJB

10/31/83  
WELLS CONT.

B.M. 11.94 111.94 100.00 (1232.16)

T.P. 9.31 16.78 4.47 107.47

T.B.M. 9.62 116.78 9.62 107.16

T.P. 1.01 110.91 6.80 109.90

B.M. 10.91 100.00 / 100.00

ELEV FOR WELL # 1 67

SPK IN RED OAK ASSUMED 100.00  
WILL CALL W.S.N FOR ELEV.

TOP WELL CASIN # 1

Right 2. TB

BS.T-1 D) 00-00-00 V) 359-54-20  
 T@T-3 R) 190-55-42/40 F) 460.71, 460.72  
 to T-4 D) 10-55-42/40 M) 140.427, 140.429  
 (P.O.T) R) 180-00-00/00 H) 460.71, 460.72

D) 90-00-00

R) 280-55-42/40

R) 100-55-42/40

D) 270-00-00/00

BS.T-3 D) 00-00-00 V) 359-42-50  
 T@T-4 R) 172-33-32/32 F) 858.22  
~~to T-5~~ R) 352-33-32/32 M) 261.587  
 (P.I.) R) 177-59-55/55 H) 858.22

D) 90-00-00 F) 858.22

R) 262-33-37/37 M) 261.587

R) 82-33-35/37 H) 858.22

D) 270-00-00/00

✓ SHOT T-V SEE PG 15  
 V) 000-19-10  
 F) ① 980.93 ② 980.93  
 M) 298.989 298.989  
 H) (980.91) + (980.91) ÷ 2

✓ SHOT TO T-3  
 V) 359-51-10  
 F) 460.69 + 460.70  
 M) 140.421 + 140.423 ÷ 2 =  
 H) 460.68 + 460.70

B.S.T-4 D 00-00-00 V 000-32-30

TePI R 253-29-05/05 F 454.16

to T-5 R 73-29-10/10 M 138.431

D 180-00-05/05 H 454.14

D 90-00-00 F 454.16

R 343-29-05/05 M 138.429

R 163-29-05/05 H 454.14

D 270-00-05/00

B.S.P.I D) 00-00-00 V) 000-11-40

TeT-5 R) 189-26-30/30 F) 416.31

to 1/4 Cor R) 009-26-30/35 M) 126.894

4.11.00 D) 180-00-05/00 H) 416.31

D) 90-00-00 F) 416.30

R) 279-26-35/35 M) 126.890

R) 99-26-35/35 H) 416.30

D) 270-00-05/10

✓ Slot - T-4

✓ 179-44-10

F 858.20

M 261.581

H 858.19

✓

F 858.22

M 261.586

H 858.21

✓ Slot - TO P.I

✓ 180-37-40 F) 454.17

F) 454.16 M) 138.432

M) 138.431

H) 454.13

H) 454.14

BS.T-5 D) 00-00-00 V) 000-15-20  
TR 1/4 COR R) 180-11-53/53 F) 556.22'  
to P.T. R) 00-11-55/55 M) 169.539  
(PRAT D) 180-00-00/00 H) 556.21'

D) 90-00-00 F) 556.23'  
R) 270-12-10/10 M) 169.540'  
D) 90-12-10/10 H) 556.22'  
R) 270-00-20/20

BS 1/4 D) 00-00-00 V) 359-39-20  
to P.T. R) 179-19-42/42 F) 610.96  
to P.C. R) 359-19-35/37 M) 186.224  
(PRAT D) 180-00-05/03 H) 610.94

D) 90-00-00 F) 610.97  
R) 269-19-42/42 M) 186.226  
R) 89-19-42/42 H) 610.95  
D) 270-00-05/07

✓ SHOT T-5

V) 180-17-20 F) 416.29  
F) 416.28 M) 126.886  
M) 126.883 H) 416.28  
H) 416.27

✓ SHOT ON 1/4 COR

V) 359-29-50 F) 556.25  
F) 556.24 M) 169.547  
M) 169.545 H) 556.23  
H) 556.22