PLANS SURVEY

OF

COUNTY RD. "B"

From S.T.H. No. 1 to White Bear Rd.

PROJ. 29-15

PROJ # 29-15

ALIGNMENT FROM STA. 0+00

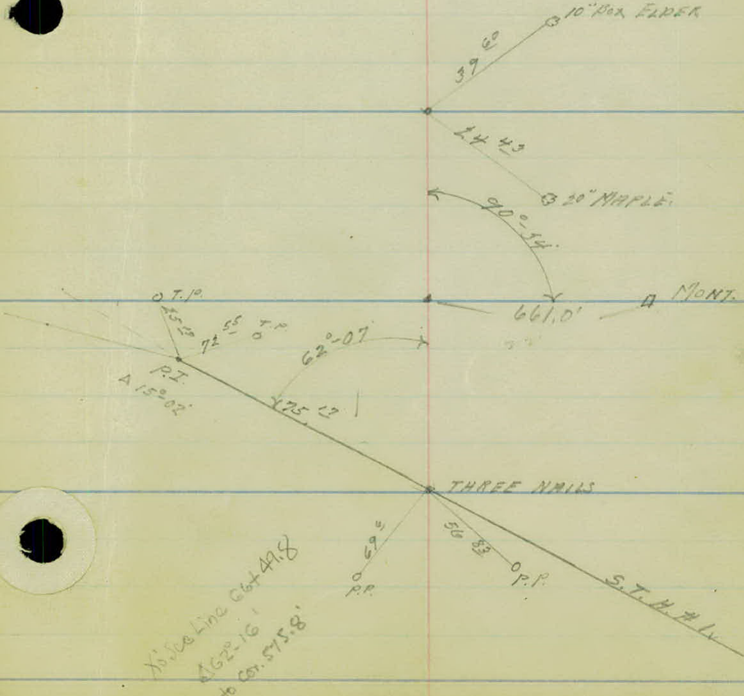
TO STA 86+75 ℄

STA	POINT	Δ Lt.	Δ Rt.	
				S 00° 45' W
29+85.67	P.T.	45° 22.5		
+50		40° 12'		
29		32° 57'		
28+75.07	P.I.	90° 45'		Δ - 90° 45'
+50		25° 42'		D - 29° R
28		18° 27'		T - 202.33
+50		11° 12'		L - 312.93
27		5° 57'		R - 197.2
26+72.74	P.C.	0° 00		
25+96.2	P.O.T.			
24+31.5	P.O.T.			N 90° 00' E.
0+00				

P.I. 7+47.04
D 15° 02' 45"
T. 182.1
L.C. 214.8
R.C. 73.4

11-3-28

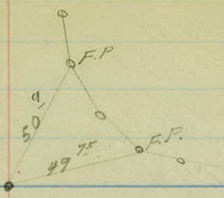

15" WILLOW
67 25
53 30
T.P.

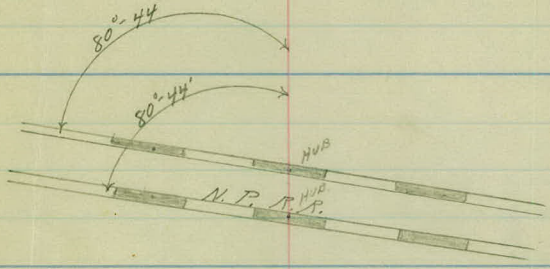

10" BOX ELDER
39 60
24 43
20" MAPLE
90°-54'
T.P.
MONT.
661.0'
15 17
72 55
T.P.
62°-07'
P.I.
Δ 15°-02'
75 17
THREE NAILS
69 5
56 83
P.P.
P.P.
S.T.H. #1
Xo Sec Line 66+49.8
Δ 62°-16'
to cor. 575.8'

STA	POINT	ΔLT.	ΔRT.
46+35.25	P.O.T.		
39+05.95	P.O.T.		
38+91.10	P.O.T.		
35+55.14	P.T.	44-54	
150		44°-09	
35		36°-54	
+50		29°-39	
34+44.5	P.I.	89°-48	Δ-89°-48
34		22°-24	D-29°R
+50		15°-09	T-179.0
33		7°-54	L-309.06
+50		0°-39	R-199.7
32+45.48	P.C	0°-00	

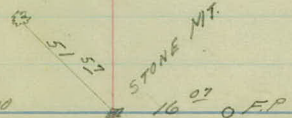
S 89°-03' E.

S 00°-45' W.





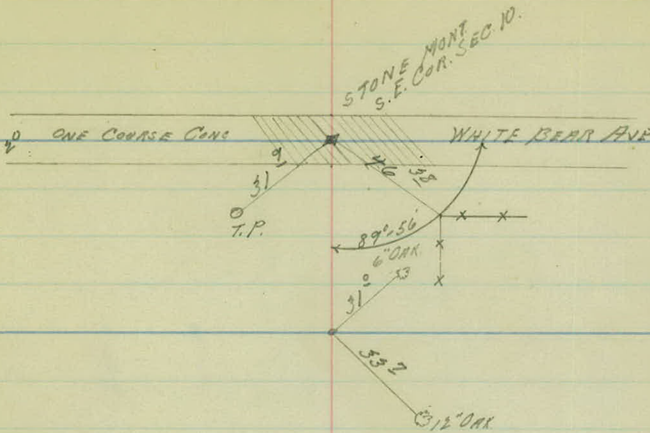
46 + 54.25
1 32.01
48 + 66.26

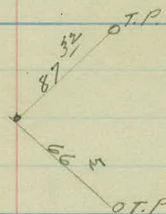


S.W. Cor. Sec. 10
T. 29 - R. 22

STA.	POINT.	Δ Lt.	Δ Rt.
86+75.65	MONT.		
84+84.2	P.O.T.		
			S. 89° 21' E.
74+82.3	P.O.T.		
60+08.4	P.I.	0° 18'	
54+01.0	P.O.T.		

11-5-28


STONE MONT.
S.E. COR. SEC. 10.
2" ONE COURSE CONC
WHITE BEAR AVE
31
T.P.
89°-56'
6" OAK
31
33 2
12" OAK


T.P.
87 32
66 5
T.P.


T.P.
54 26
1/4 COR. S. LINE
SEC. 10.
51 88
27 44
MAIL BOX
T.P.

PROJ. # 29-15

"A" LINE.

ALIGNMENT FROM STA. 26+34.66

TO STA. 45+30.37

STA.	POINT	Δ LT	Δ RT	
31+05.49	P.T.		14°-07.5	
31			13°-57.5	S 61°-45' E
+50			12°-27.5	
30			10°-57.5	
+50			9°-27.5	
29			7°-57.5	
28+75.07	P.I.			Δ-28°-15
+50			6°-27.5	D-6° R.
28			4°-57.5	T-240.41
+50			3°-27.5	L-470.83
27			1°-57.5	R-955.37
+50			0°-27.5	
26+34.66	P.C.		0°-00'	
25+96.9	P.O.T.			N 90°-00' E
2+31.2	P.O.T.			
0+00				

11-13-28

1278.13

F 73

£ English □
661

STA.	POINT	Δ LT.	Δ RT.
54+01.0	P.O.T.		
48+67.16			
45+30.39	P.T. =	13°-39'	
45		12°-44'	
+50		11°-14'	
44		9°-44'	
+50		8°-14'	
43+07.4	P.I. = 46+38.25 P.O.T.		
43		6°-44'	
+50		5°-14'	
42		3°-44'	
+50		2°-14'	
41		0°-44'	
40+75.39	P.C.	0°-00'	
36+00	P.O.T.		
35+50.52	P.O.T.		
35+35.32	P.O.T.		

S. 89°03' E.

S. 61° 45' E.

Δ - 27°-18'
D - 6°-0'
T. - 132.01
L. - 455.2
R. - 955.37

11-13-28

#1423 Cor Ho Br

#1424 Garage Fo.

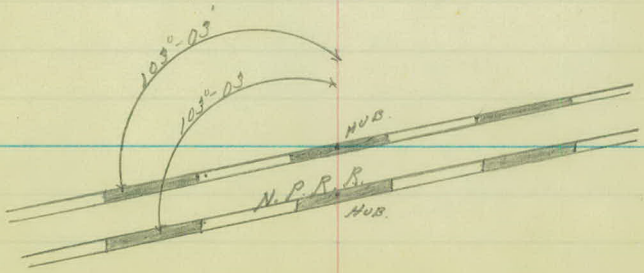
102.76

88.33

Spike
FK 1959

146.11

Stucco
#1407



PROJ # 29-15

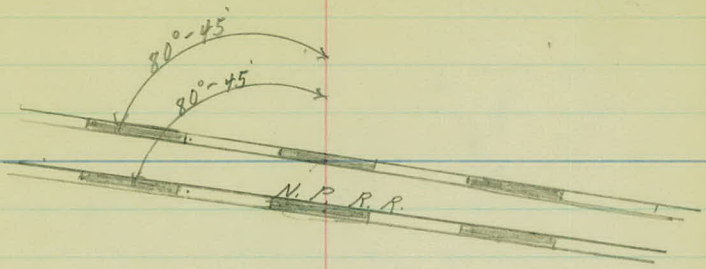
"B" LINE.

ALIGNMENT FROM STA 27+00

TO STA. 48+37 L2

STA	POINT	Δ LT	Δ RT
35+15.23	P.O.T		
35+20.7	P.O.T.		
34+89.0	P.O.T.		
28+75.07	P.I.		0°-59
25+96.2	P.O.T.		

11-14-28



STA.	POINT	Δ LT	Δ RT	
54+01	P.O.T.			
48+37.19	P.T. =	44°-54'	48+34.27	
48		39°-30		
+50		32°-15'		
47+27.15	P.I.	89°-48'		Δ-89°-48'
47		25°-00		D-29°-1
+50		17°-45'		T-199.02
46		10°-25'		L-309.06
+50		3°-10'		R-199.7
45+28.13	P.C.	0°-00		
42+64.99	P.T.	44°-52.5		
+50		42°-42		
42		35°-27		
41+54.35	P.I.	89°-45'		Δ-89°-45
+50		28°-12'		D-29°-R.
41		20°-57'		T-178.84
+50		13°-42'		L-309.78
40		6°-27'		R-199.7
39+55.51	P.C.	0°-00		

11-14-28

ART TORCH

ORIGINAL LINE

3+00

2+00

1772 GARAGE 19.5

1759 GARAGE 19.5

1759 BERRY PATCH 37

1777.5 SHED 4

1769 PUMP HOUSE 22

1759 PUMP HOUSE 20.5

1729.5 HOUSE 23.3

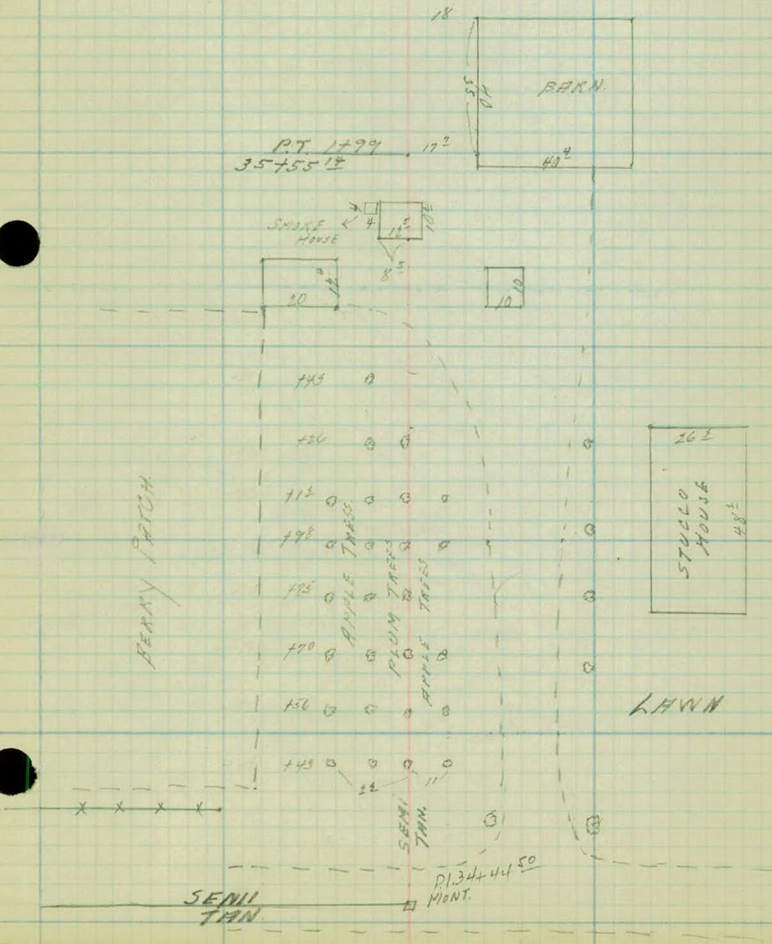
1+00

0+36 BERRY PATCH 42

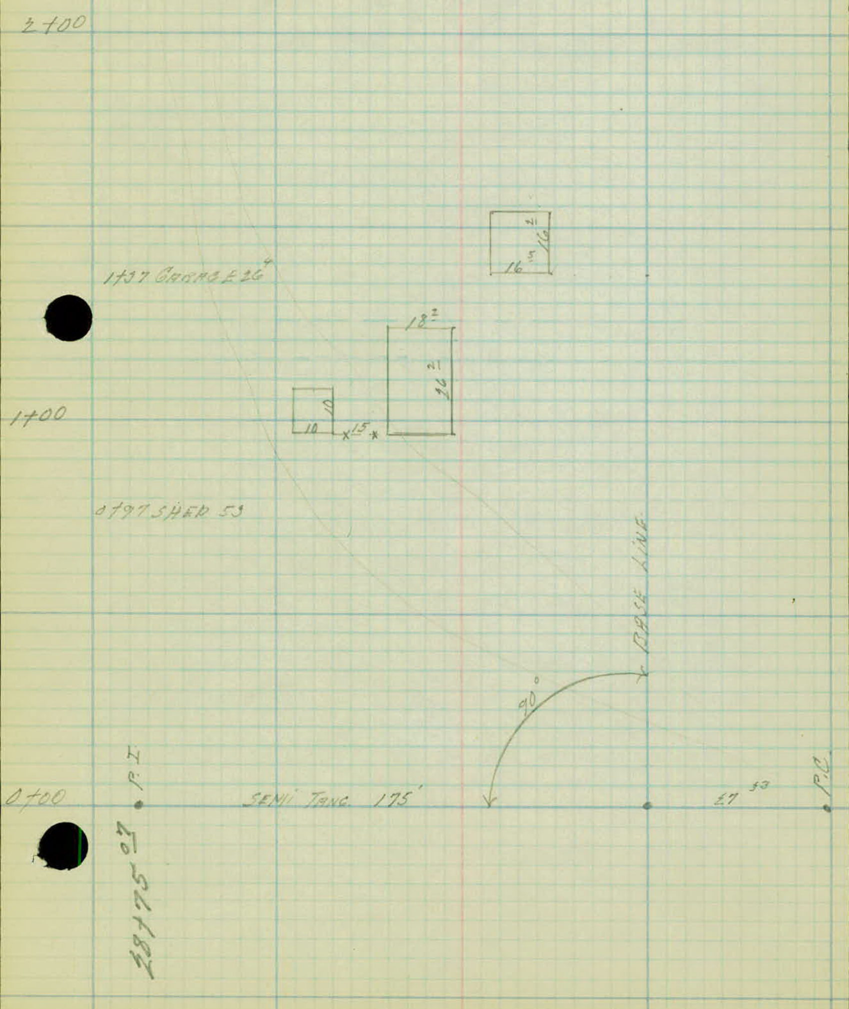
0+30 END OF F.51

0+26-18"-T-22

0+24-30-T-30



18
BARN.
35
70
P.T. 1+99
35+55
17
40
SMOKE HOUSE
4
10
8
20
12
10 10
+43
+26
+12
+98
+85
+70
+56
+43
APPLE TREES
PLUM TREES
APPLE TREES
BERRY PATCH
STUCCO HOUSE
26
48
LAWN
SEMI TAN.
P.I. 34+44 50
MONT.
SEMI TAN


2+00
1+37 GARAGE 26 4
18 2
16 5
16 2
26 2
10
10
15
1+00
0+97 SHED 53
BASE LINE
90°
0+00
P.I
SEMI TANG. 175'
57 53
P.C.
28+75 27

PROJ # 29-15

"A" LINE.

ART. TOPOG. FROM STA. 36+00

TO STA. 46+00.

31

30

29

28

27

26

25

11-15-58

CULTIVATED.

#11-12"-T-4.
#06-8"-T-3.

37

36

35

34

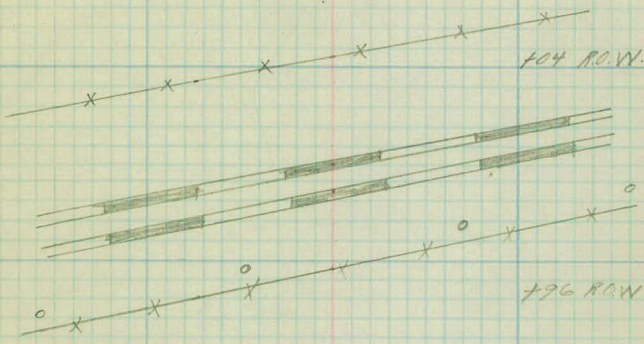
33

32

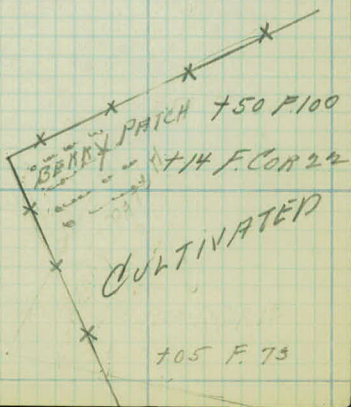
31

11-13-25

CULTIVATED



CULTIVATED



43

42

41

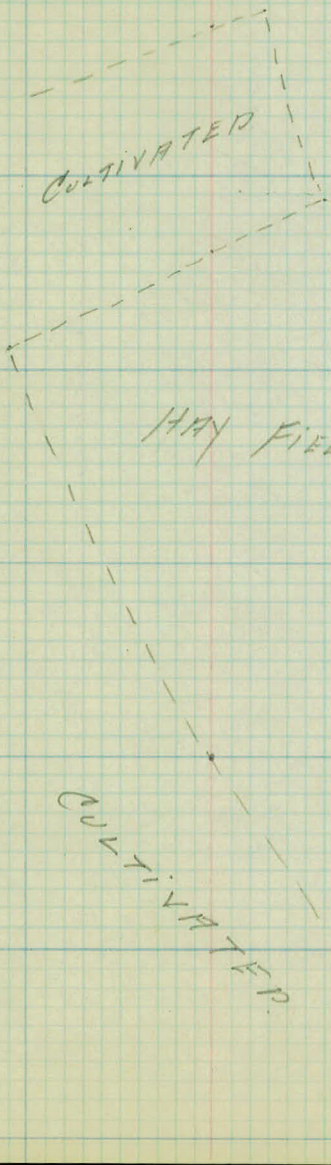
40

39

38

37

11-23-58



49

48

47

46

45

44

43

PROJ H 29-15
"B" LINE
ART TOPOG FROM STA
27+00 TO STA. 48+00

31

30

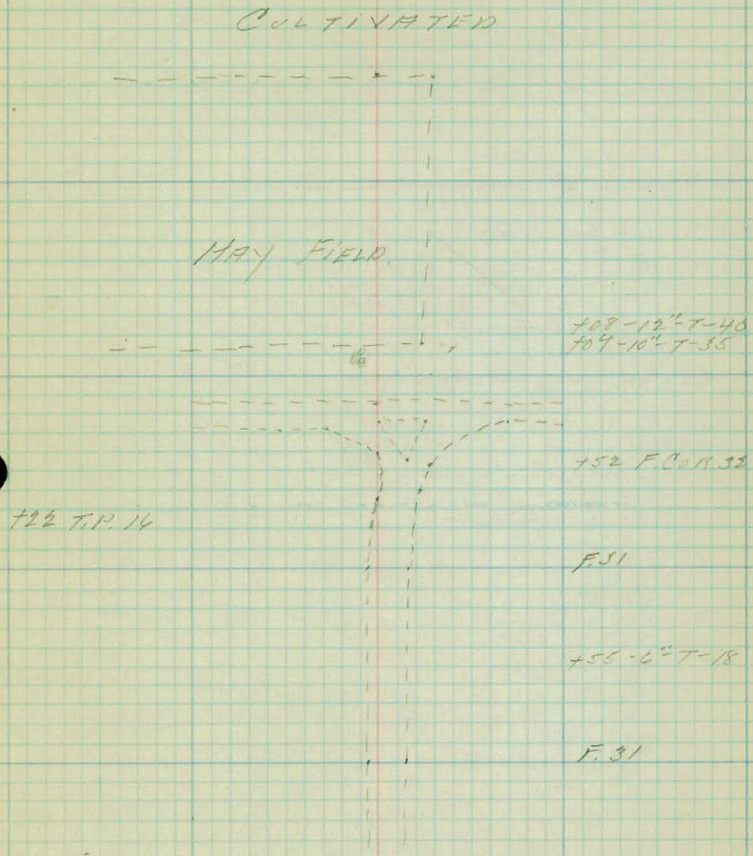
29

28

27

24

25


CULTIVATED
HAY FIELD.
+09-12"-T-46
+09-10"-T-35
+52 F.Cor.32
+22 T.P. 16
F.31
+55-6"-T-18
F.31

37

36

35

34

33

32

31

HAY FIELD

+27 R.O.W. F.

+93 T.P. 22

+84 R.O.W. F.

43

42

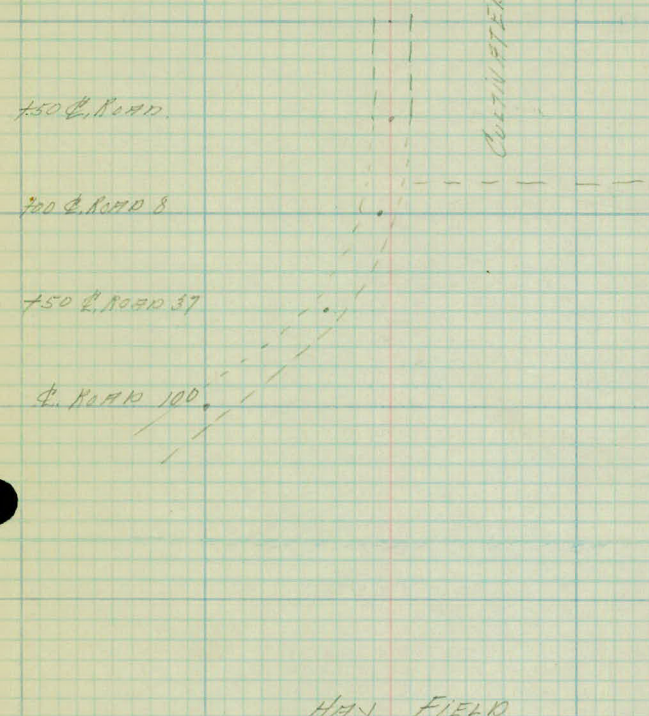
41

40

39

38

37


+50 ℄ ROAD.
+00 ℄ ROAD 8
+50 ℄ ROAD 37
℄ ROAD 100
CULVERT
HAY FIELD.

49

48

47

46

45

44

43

+50 ℄ ROAD 47

℄ ROAD 16

+50 ℄ ROAD 3

CULTIVATED

CULTIVATED

PROJ. # 27-15.
ART. TO R/C FROM STA. 0+00
TO STA 86+74.05

4700

3700

2700

1700

0700

11-2-38

+00 ℄ ROAD 15

+95 P.P 37

+17-18'-7-31

+00 ℄ ROAD 16

HAY FIELD

HAY FIELD

+47 P.P 37

100 ℄ ROAD 17

+00 ℄ Rd. 22

+93 C. SHACK 42

+78 P.P 41

+73 CHICKEN SHACK 50²

+34 STOP SIGN 7

20

24

+72 GUY POLE 6

+18 T.P 4

10

9

8

7

6

5.

4

F. 37
℄. ROAD 15

F. 38
℄. ROAD 14
789 T. P. 30

F. 42
℄. ROAD 15

760 F. COR 44

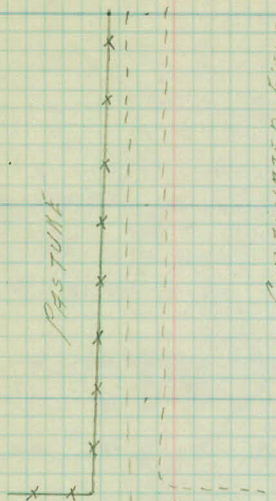
734 P. P. 33

700 ℄. ROAD NO

700 ℄. ROAD 16

761. P. P. 36

700 ℄. ROAD 17



746 FANNY RD

16

15

14

13

12

11

10

11-2-28

℄ ROAD 8

+35 T.P. 22

℄ ROAD 9.

HAY FIELD.

℄ ROAD 10

+60 T.P. 24

+35 F. COR 42

℄ ROAD 12

CULTIVATED FIELD

+15 T.P. 26

F. 43
℄ ROAD 13.

PASTURE.

F. 43
℄ ROAD 15

+65 T.P. 37

22

21

20

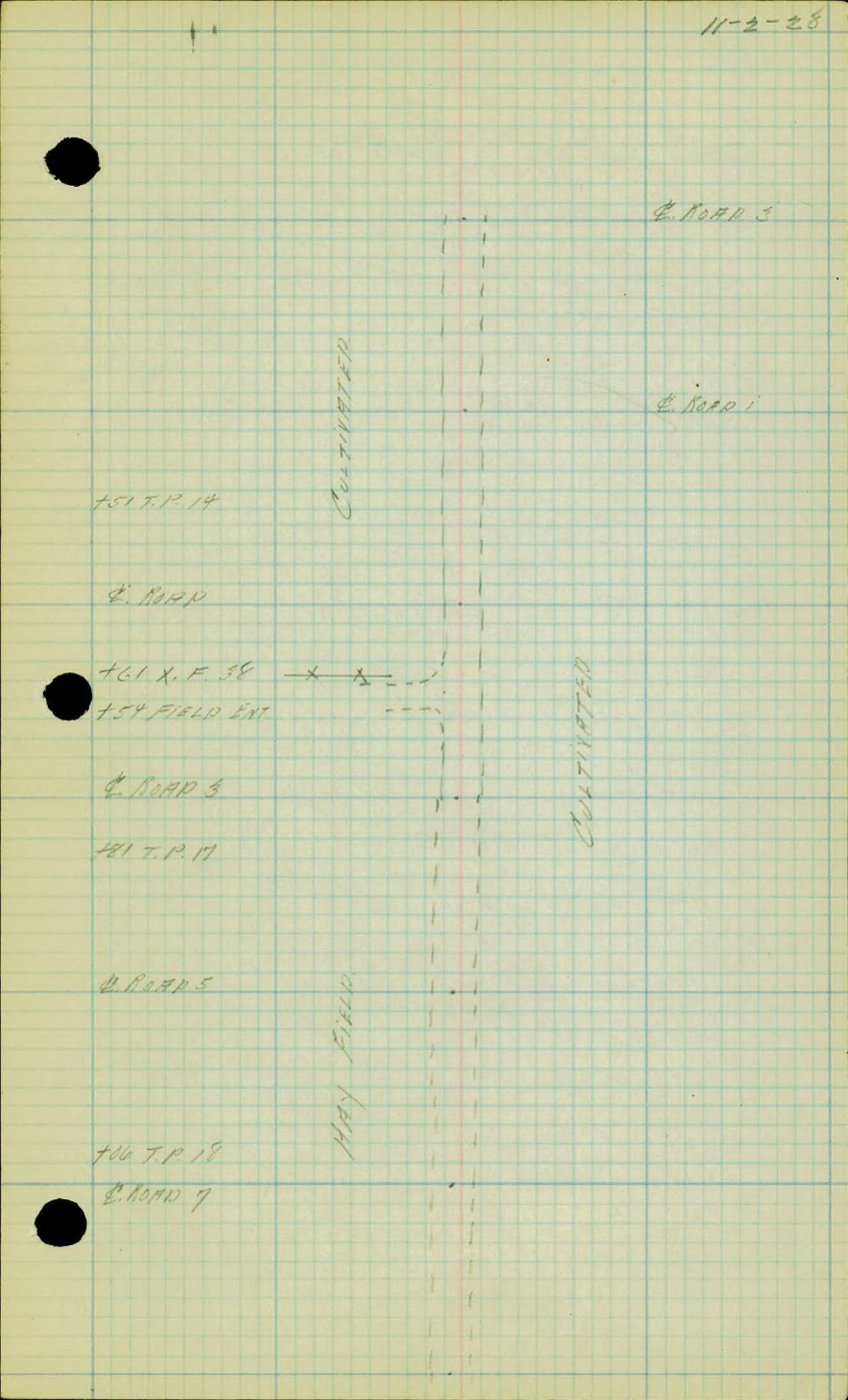
19

18

17

16

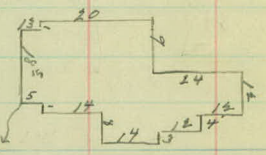
11-2-28


℄ ROAD 3
℄ ROAD 1
CULTIVATED
+51 T.P. 14
℄ ROAD
+61 X. F. 38
+54 FIELD ENT
CULTIVATED
℄ ROAD 3
+81 T.P. 17
℄ ROAD 5
HAY FIELD
+66 T.P. 18
℄ ROAD 7

28

27

26+52 House 53 Rt



26

26+14 House 55 Rt.

25

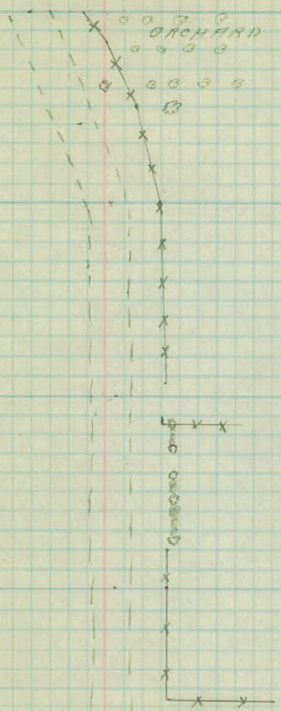
24

23

22

11-3-28

+00 ℄ ROAD 40
+00 F. 11
+87 F. ℄
+50 ℄ ROAD 13
+61 T. P. 10
+03 T. P. 6
+83 T. P. 8
+16 T. P. 11



+50 F. 17
+00 F. 29
℄ ROAD 2
+82 - 12" T - 34
+72 F. 31
+69 - 12" T - 34
+60 + 12" T. 34
+38 - 12" T - 34
+17 - 8" T - 34
+09 - 6" T - 33
+05 Log F. 31
℄ ROAD 5
+96 FARM ENT
+88 END F. 31
+85 F. Cor. 31
+61 FARM ENT
+56 END H FENCE F. 31
+22 BEG H FENCE 32
+22 END F. 32
℄ ROAD 5
F. 33
+74 F. Cor 32
℄ ROAD 4
+
℄ ROAD 4

34

33

32

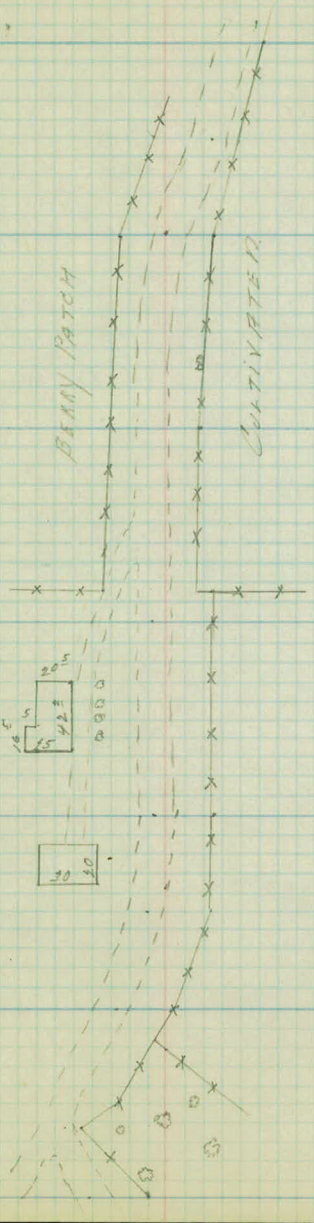
31

30

29

28

11-2-38



F. 52

+50 F. 4

+50 ℄ ROAD 34

℄ ROAD 0.0
F. 2.4

F. 27

℄ ROAD 8

F. 19.5

+40 FARM ENT.
+15.5 F. COR 33

+15.5 F. 19.4
+15.5 F. 23.5

℄ ROAD 5

F. 24

+74 HOUSE 48

+52 HOUSE 48

+00 ℄ ROAD 7

F. 25

+94.5 BARN 35
+64.5 BARN 37
+50 ℄ ROAD 10

+50 F. 22

℄ ROAD 27

+00 F. 6

+50 F. 27
+38 ℄ ROAD 55

+79 X. F.

+38 F. COR. 45

40

39

38

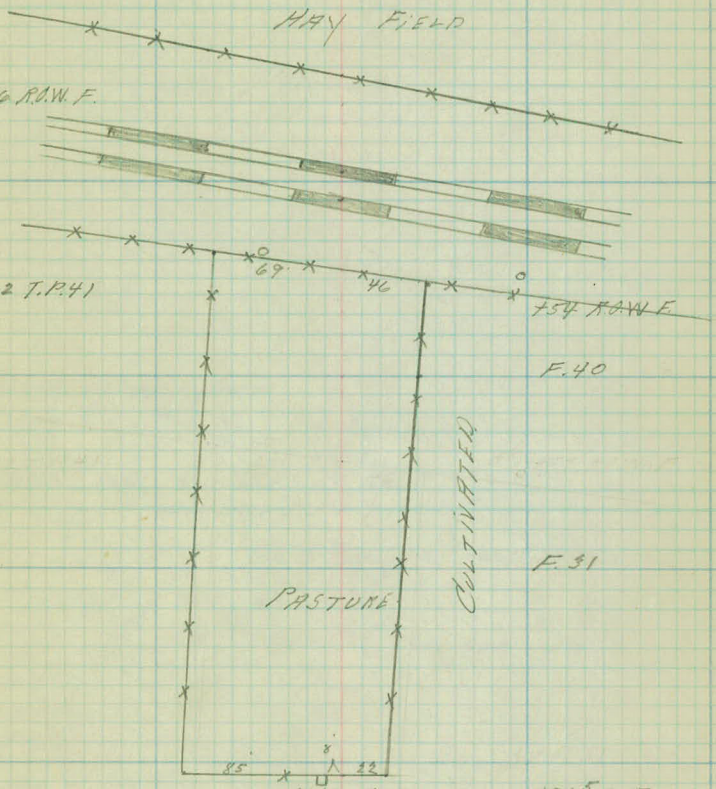
37

36

35

34

11-2-28


HAY FIELD
756 R.O.W. F.
762 T.P. 41
69'
46
754 R.O.W. F.
F. 40
CULTIVATED
F. 31
PASTURE
85'
32'
4'X4' OUT HOUSE
792.5 X. F.

46

45

44

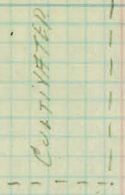
43

42

41

40

11-2-28



HAY FIELD

52

471 HOUSE 46[5]

471 HOUSE 46[5]

51

50

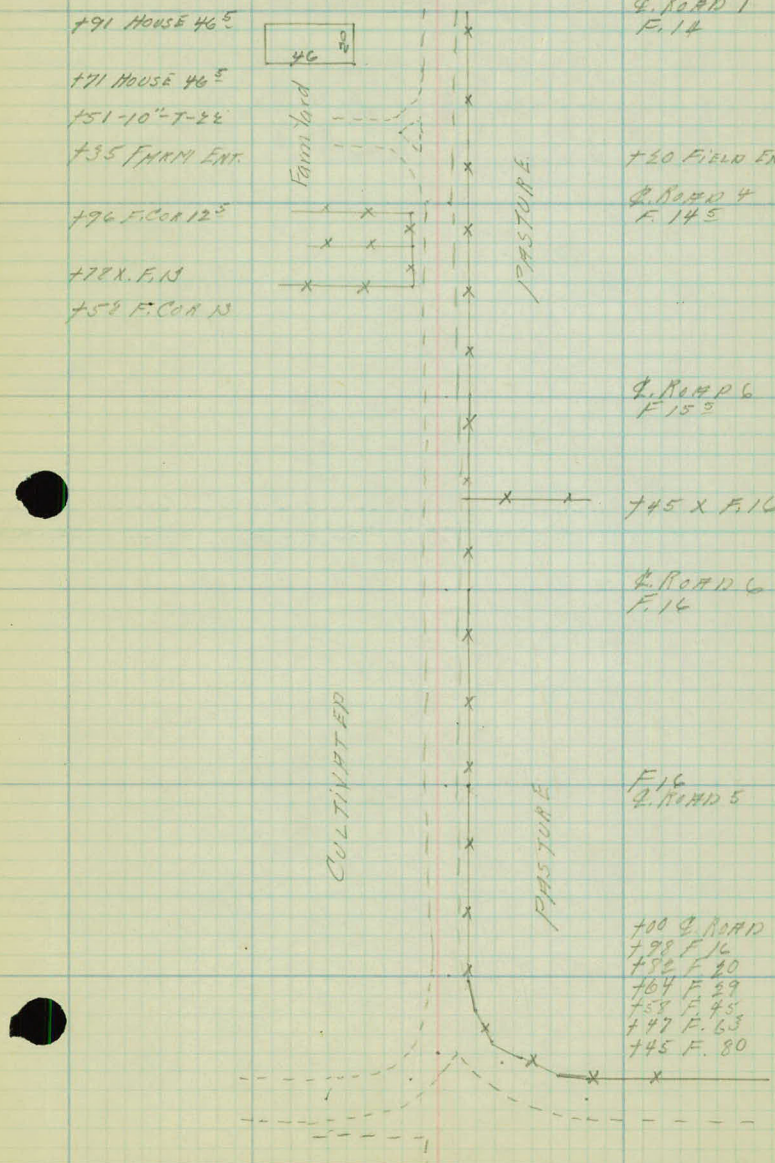
49

48

47

46

11-5-88


+91 HOUSE 46 S
+71 HOUSE 46 S
+51 -10"-T-22
+35 FARM ENT.
+96 F. COR 12 S
+72 X. F. 13
+58 F. COR 13
46
20
Farm Yard
PASTURE
CULTIVATED
PASTURE
Q. ROAD 1
F. 14
+20 FIELD ENT
Q. ROAD 4
F. 14 S
Q. ROAD 6
F. 15 S
+45 X F. 16
Q. ROAD 6
F. 16
F. 16
Q. ROAD 5
+00 Q. ROAD 7
+98 F. 16
+82 F. 20
+64 F. 29
+58 F. 45
+47 F. 63
+45 F. 80

58

57

56

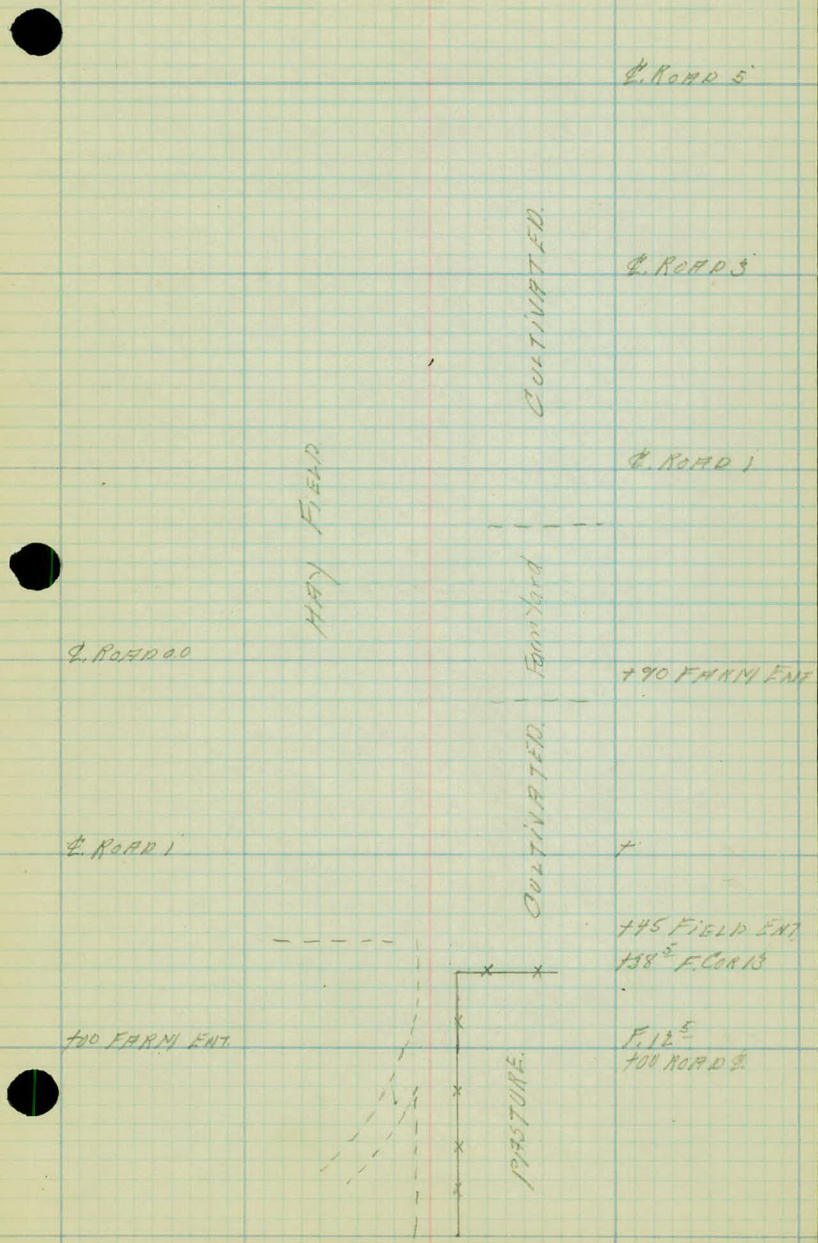
55

54

53

52

11-5-28


℄ ROAD 5
℄ ROAD 3
℄ ROAD 1
HAY FIELD
CULTIVATED
CULTIVATED
BANK
℄ ROAD 00
790 FARM ENT
℄ ROAD 1
745 FIELD ENT
138° F. COR 13
F. 12°
700 ROAD ℄
700 FARM ENT
PASTURE

64

63

62

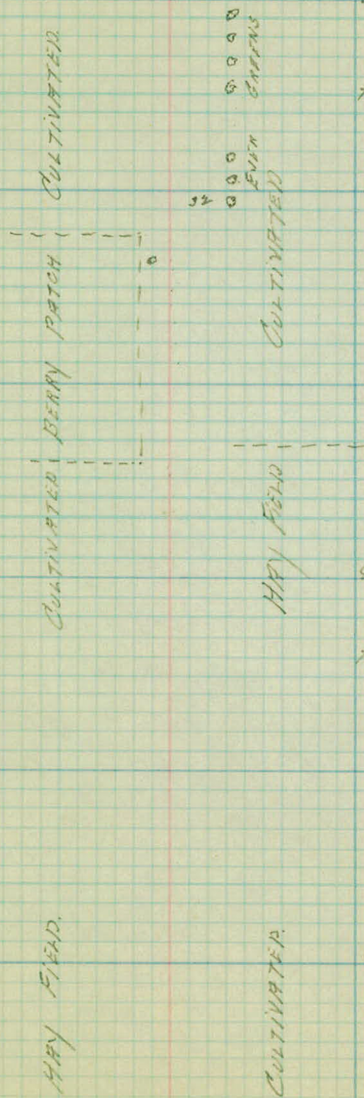
61

60

59

58

11-5-28



℄ ROAD 6

+57 T.P. 24

℄ ROAD 5

+01 T.P. 24
℄ ROAD 4

℄ ROAD 4

+59 T.P. 24

+07 ℄ X ROAD.

℄ ROAD 4

70

67

68

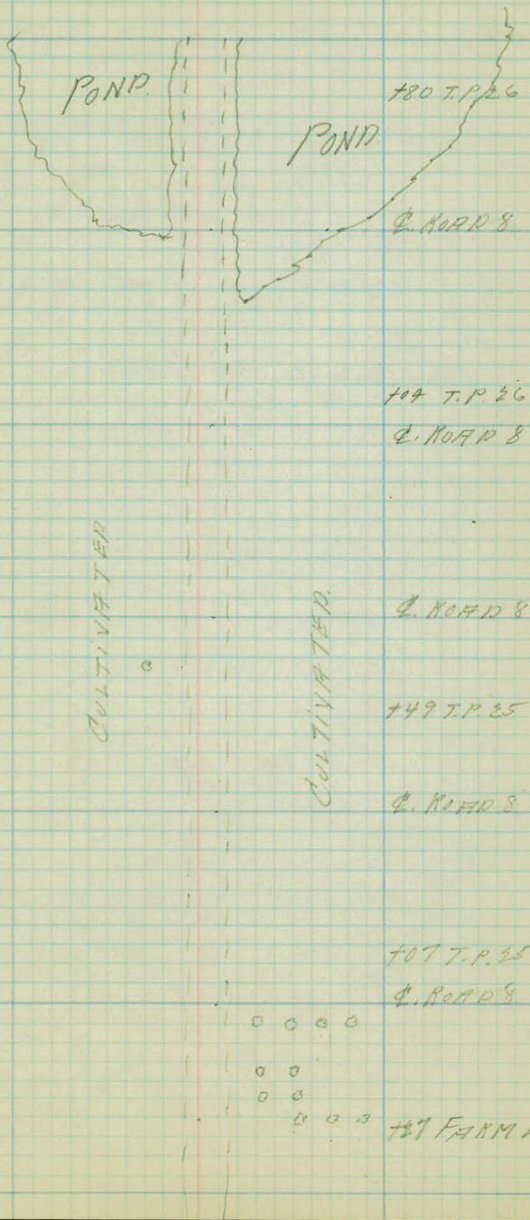
67

66

65

64

11-5-28


POND.
POND
#80 T.P. 26
℄ ROAD 8
#04 T.P. 26
℄ ROAD 8
CULTIVATED
CULTIVATED
℄ ROAD 8
#49 T.P. 25
℄ ROAD 8
#07 T.P. 25
℄ ROAD 8
#27 FARM END

76

75

74

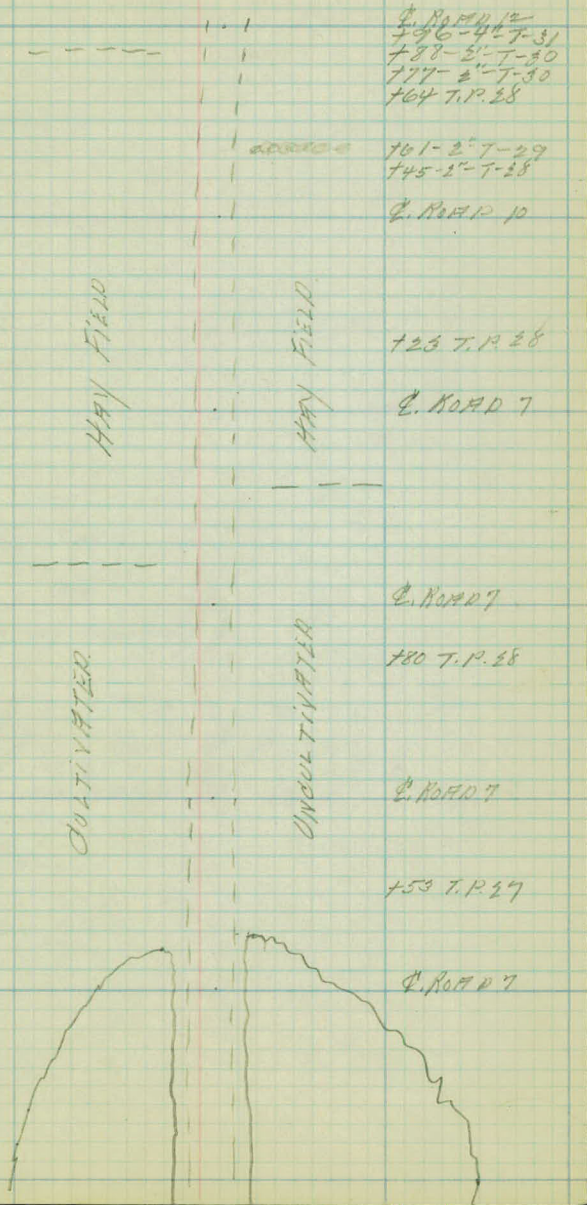
73

72

71

70

11-7-28


℄ ROAD 12
+96-4½-7-31
+38-5"-7-30
777-2"-7-30
+64 T.P. 28
+61-2"-7-29
+45-2"-7-28
℄ ROAD 10
HAY FIELD
HAY FIELD
+23 T.P. 28
℄ ROAD 7
℄ ROAD 7
+80 T.P. 28
CULTIVATED
UNCULTIVATED
℄ ROAD 7
+53 T.P. 27
℄ ROAD 7

82

81

80

79

78

77

76

11-7-28

℄ ROAD RIL

+64 T.P. 30

℄ ROAD 15

+17 T.P. 30

℄ ROAD 13

+57 X DRAIN 4'
12" X 24' C.M.

+41 X DRAIN 24

+31 CROSS ROAD

+08 X. DRAIN 4

℄ ROAD 16

+91 - 24" T-9
+78 FARM ENT.

+85 X DRAIN 36
12" X 40' C.M.

+65 - 24" - T-33
+58 - T.P. 29

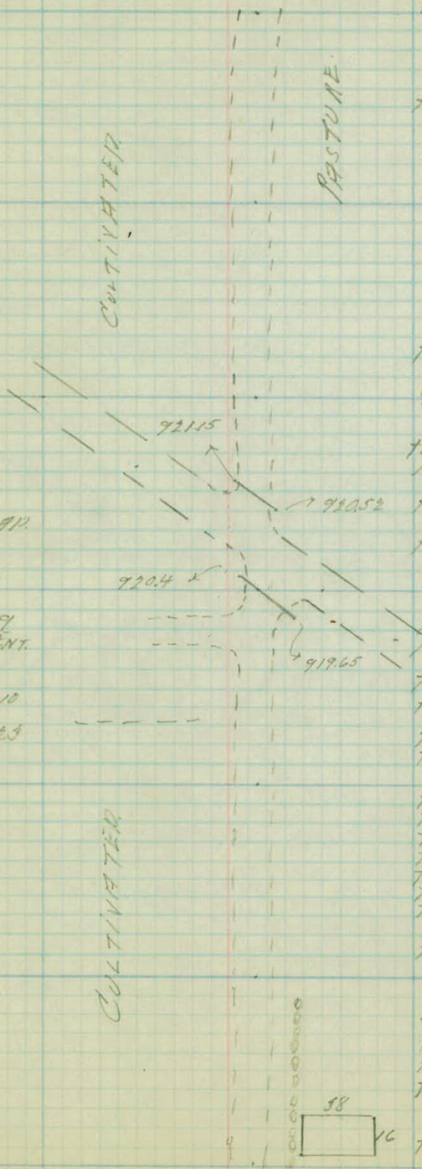
+56 - 12" - T-10

+45 - 10" - T-23

+28 - 2" - T-35
+11 - 2" - T-34
℄ ROAD 15
+98 - 2" - T-34
+89 - 2" - T-34
+70 - 2" - T-34
+59 - 2" - T-34
+44 - 4" - T-34
+29 - 4" - T-34
+16 - 2" - T-34
+08 - T.P. 39
+05 - 2" - T-34
℄ ROAD 14

+95 FARM ENT.
+82 - 4" - T-35
+63 - 2" - T-34
+58 - 2" - T-34
+24 BARN 41

+06 BARN 37



88

87

86

85

84

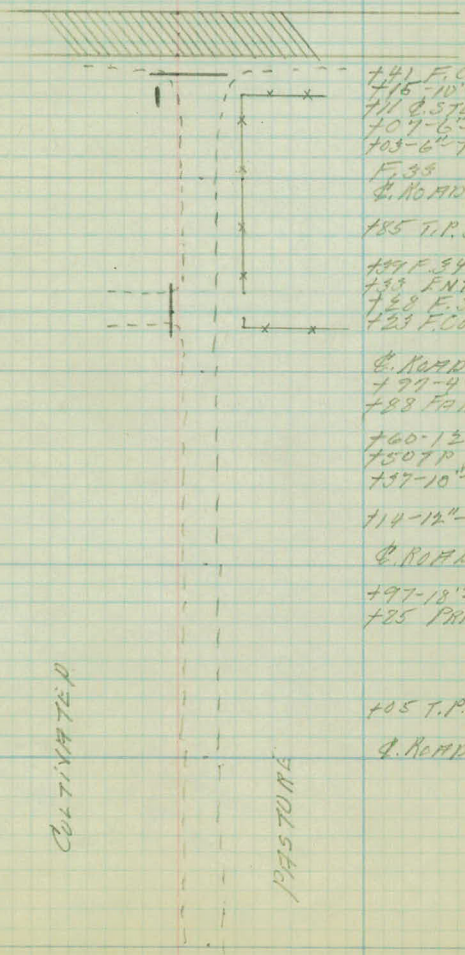
83

82

11-7-28

+54 X DRAIN
15" X 40' C.M.
EXTENDS 132.8
+47 T.P. 15
+43 S. DRAIN II
15" X 8' C.M.

+30 FARM ENT.
+30 S. DRAIN 15
12" X 24' C.M.



+41 F. COR 32
+16-10" T-30
+11 C. STEP 625
+07-6" T-28
+03-6" T-31
F. 38
℄ ROAD 12
+85 T.P. 32
+37 F. 34
+33 FNT.
+26 E. 34
+23 F. COR 34
℄ ROAD 14
+97-9" T-28
+93 FARM ENT.
+60-1½" T-29
+50 T.P. 31
+37-10" T-29
+14-12" T-24
℄ ROAD 13
+97-18" T-24
+85 PRO. ENT.
+05 T.P. 31
℄ ROAD 14

PROD. # 29-15

CHECK LEVELS.

STA	+	H.I	−	ELEV.
	4.35	901.92		897.57
	0.62	890.08	12.46	889.46
	1.77	878.40	13.45	876.63
B.M.	3.71	873.71	8.40	870.00
	9.44	882.37	0.78	872.93
B.M.			5.94	876.43
	13.76	894.74	1.37	880.98
	13.12	907.21	0.65	894.09
	12.17	917.03	0.37	906.84
	9.15	928.03	0.15	918.88
B.M.			1.03	927.00
	0.93	916.18	12.80	915.25
	0.44	907.74	8.88	907.30
B.M.			7.45	900.29
	1.41	896.37	12.78	894.96
	10.10	899.67	6.80	889.57
B.M.			3.73	895.94
	6.30	905.39	0.58	899.09
	10.17	909.75	5.83	899.58
B.M.			3.58	906.17
	13.43	919.22	3.78	905.79
	7.07	925.97	0.32	918.90
B.M.	8.32	930.74	3.55	922.42
	2.50	927.43	5.81	924.93
B.M.			6.80	920.63

11-7-28

NAIL IN P.P. LT. STA. 55+50

SPK IN P.P. 50' LT. STA. 0-20

SPK IN P.P. 100 RT STA. 7+45

N.E. COR. OF CONC. PORCH RT STA 25+55

SPK IN LARGE COTTONWOOD NEAR HWY.

SPK. IN 10" TREE 35' LT. STA. 51+50

SPK IN 24" TREE 40 RT STA 64+20

SPK IN 24" TREE 40' LT. STA 79+06.

SPK IN T.P. 90 RT STA 86+45

B.M.	9.51	879.51 ✓		870.00 ✓	
	12.97	890.13 ✓	2.35	877.16 ✓	
	12.68	901.78 ✓	1.03	889.10 ✓	
B.M.			4.23	897.55	897.55 ✓

SPK IN P.P. 50' LT. STA. 0-20

NAIL IN P.P. LT. STA. 55+50

Proj. # 29-15.

X SECTIONS FROM STA 0+00

TO STA. 86+74.65

B.M.	5.20	875.20 ✓	870.00 ✓	
0+00				870.60
0+21				870.80
0+36				871.40
0+62				869.70
1+00				868.50
1+30				867.60
1+70				868.40
2+00				867.70
+40				865.90
	8.06	877.05 ✓	6.21 868.99 ✓	
3+00				867.65
+50				866.65
4+00				866.05
+25				867.15

11-7-28

SPX. IN PP 50 LT STA. 0'-20

9.53	6.75	6.22	5.45		3.70	2.81	2.07	1.27	
200	150	100	50	460	50	100	150	200	

4.72					5.5	5.7	5.0	4.0	1.7
18				4.4	4	14	27	33	36

5.15	4.9	4.9	4.7	4.7		3.7	5.0	5.4	5.8
44	33	27	14	2	2.4	13	27	33	50

5.4	5.5	5.3	5.4		6.4	7.2	7.7		
50	33	27	12	5.5	15	33	50		

6.8	6.4	5.6	6.0	6.2		7.9	8.2	8.3	
50	33	21	13	12	6.7	16	33	50	

6.8	6.7	6.6	5.6	6.0	7.6	8.3	8.6	8.5	9.0
50	33	27	21	11	3	7.6	21	33	47

6.0	5.9	6.3	5.8	6.2	7.6	5.6	6.7	8.0	7.8
50	33	27	19	9	4	6.8	2	16	33

8.1	7.3	7.4	6.6	6.0	6.4	7.9	7.6	7.8	8.4
50	33	27	25	18	8	5	7.5	12	22

10.0	10.0								
33	40	50							

11.0	10.5	6.8	6.2	6.6	7.0	9.1	9.6	10.6	
50	33	24	18	8	3	9.3	13	33	50

11.7	11.3	10.1	10.1	8.8	8.0	7.6	9.8	10.8	10.8
50	42	33	31	27	17	5	9.4	12	24

10.7	8.7	8.5	9.0	9.3					
33	50								

8.7	8.5	6.8	9.1	7.2	7.8	7.9	9.0	6.8	8.3
50	45	35	31	23	16	8	8.4	8	13

9.0	9.3								
27	33	50							

11.2	10.0	9.5	7.9	8.0	7.4	7.7	9.0	9.7	8.4
50	34	30	25	22	15	6	9.0	12	28

7.2	6.5								
33	44	50							

12.0	11.7	10.5	7.9	7.2	7.7		10.5	10.3	9.0
50	45	33	25	15	7	7.9	3	14	33

7.5	6.5								
43	50								

		877.05			
+73					869.35
5+00					870.15
+50					871.65
6+00					877.05
+50					871.65
B.M.	7.32	883.75 ✓	0.62	876.43	876.43 ✓
7+00					872.85
+61					875.95
8+00					877.15
+42					876.95
9+00					875.85
	7.06	883.55 ✓	7.24	876.49 ✓	
+50					874.75
10+00					874.05
+50					875.75

11-7-28

10.3	9.9	8.9	8.2	7.1	6.7	6.9		7.8	6.8	6.4	4.7	4.1	
50	42	33	29	23	15	8	7.7	12	28	33	46	50	
8.4	7.4	6.8	7.1	6.5	6.1	6.4		6.5	4.6	4.2	3.8	2.4	
50	42	33	28	21	16	8	6.9	8	14	26	33	50	
4.0	3.6	3.6	3.5	4.9	5.0			5.3	2.1	1.8	1.5	0.4	
50	45	37	29	16	9	5.4		7	13	33	42	50	
5.0	5.0	4.9	5.6	5.6	4.6	4.2	4.7	5.7	5.1	5.0	4.6	4.2	3.3
50	46	37	33	31	24	16	8	5.0	8	13	24	33	46	50
3.4	3.7	4.6	5.3	4.1	3.8	4.0		6.4	6.8	6.5	5.3		
50	44	33	29	28	17	8	5.4	2	15	33	50		
7.0	7.9	10.3	9.7	9.4	9.4	9.7		12.1	12.5	12.1			
50	35	30	25	18	8	4	10.7	9	33	50			
2.4	2.2	7.8	7.4					8.2	6.9	7.4	7.8		
50	36	27	13	7.8				4	18	33	50		
5.6	4.8	3.9	3.3	6.9	6.0	6.4		6.1	2.4	2.8	3.5		
50	41	35	32	27	14	3	6.6	4	24	33	50		
9.6	9.7	8.0	7.3	6.8	6.2	6.3		6.4	0.8	0.0	+0.5		
50	43	33	24	24	14	4	6.8	5	26	33	50		
7.5	8.0	7.9	8.4	7.3	7.1	7.2		8.3	7.3	6.0			
50	42	33	29	23	15	4	7.9	3	33	50			
8.4	9.3	9.4	9.1	7.4	7.1	7.6		11.3	11.0	10.5			
50	40	33	29	23	16	4	8.8	7	33	50			
11.0	10.9	10.3	10.0	7.6	7.2	7.4		10.2	10.7	10.0			
50	40	33	31	22	14	4	9.5	5	33	50			
8.0	8.1	8.9	8.0	7.3	6.7	6.8		8.4	7.2	6.2	6.2		
50	40	33	30	22	15	7	8.3	4	13	33	50		

		883.55		
11+00				876.55
+50				877.85
12+00				877.75
+50				877.95
13+00				878.55
+50				879.45
14+00				880.75
+50				881.55
	10.77	893.11	1.23	882.32
15+00				883.41
+50				886.41
16+00				888.71
+50				890.91
	10.54	902.60	1.05	892.04
17+00				893.00

11-7-28

7.4	7.2	6.8	8.8	9.2	8.4	6.9	6.2	6.4		7.6	4.3	3.0	2.3	
50	45	38	36	33	29	26	14	6	7.0	5	17	33	50	
6.2	6.0	5.6	7.7	7.9	6.7	5.4	5.7			6.4	6.0	3.5	3.2	
50	45	39	36	33	25	13	4	5.7		3	8	33	50	
6.4	6.5	6.2	7.8	7.7	7.4	6.3	5.0	5.3		6.1	5.6	3.7	3.0	2.5
50	45	39	37	33	28	24	12	5	5.8	4	10	18	33	50
8.6	8.4	7.9	8.5	8.4	9.8	6.1	5.3	4.7	3.0	6.3	3.5	2.1	1.1	
50	44	38	36	33	27	26	17	12	5	5.6	5	19	33	50
10.8	10.0	9.5	5.4	4.7	4.2	4.5				5.7	4.7	3.1		
50	33	28	22	18	11	5	5.0			8	33	50		
10.3	8.9	8.1	4.4	3.8	3.4	3.7				5.3	5.0	4.6		
50	33	27	21	16	10	4	4.1			5	33	50		
8.1	7.1	6.2	3.3	2.7	2.3	2.6				5.0	4.8	4.1		
50	33	26	22	17	11	5	5.3			4	33	50		
6.7	6.1	5.4	1.8	1.1	1.5					4.3	4.1	2.9		
50	33	23	20	11	4	2.0				6	33	50		
13.7	13.7	12.9	9.4	7.8	9.1					10.4	11.8	12.4	12.0	11.0
50	33	27	21	10	4	9.7				3	7	12	33	50
15.3	12.4	11.4	7.0	6.6	6.4					7.3	7.9	9.1	7.6	
33	33	27	21	17	9	6.7				3	8	33	50	
11.3	10.6	9.8	4.7	3.9						5.3	8.2	7.0	5.5	4.4
50	33	29	19	8	4.4					4	9	16	33	50
9.7	7.6	7.2	2.6	1.9						4.6	5.2	4.0	2.1	0.9
50	33	26	18	5	2.2					4	9	16	33	50
12.7	11.2	14.7	10.3	9.3						10.0	10.9	10.3	6.9	4.4
50	34	27	19	8	9.6					6	8	14	33	33

		902.60		
+50				896.20
18 700				897.50
	10.65	910.68 ✓	2.57	900.03 ✓
+70				900.58
19 700				901.68
+50				903.68
20 700				905.58
+50				907.38
21 700				908.68
	11.37	921.31 ✓	0.77	909.94 ✓
+50				910.71
22 700				912.21
+50				914.11
23 700				916.01
	9.44	928.94 ✓	2.03	919.28 ✓
	2.09	929.09 ✓	1.91	927.03 ✓ 927.00 ✓

11-7-28

7.6	7.1	11.3	11.6	8.1	7.1		7.6	8.4	7.9	5.2	3.1	2.5	1.0	0.4
50	33	27	23	18	7	6.4	8	9	13	19	29	33	46	50
5.0	4.7	9.1	9.1	6.2	4.7		5.7	6.3	5.7	1.5	1.3	0.2		
50	30	25	23	19	5	5.1	9	10	19	30	33	50		
6.1	6.1	12.7	12.7	10.6	10.6		10.7	11.5	8.8	6.0	5.7	6.0		
50	31	21	20	17	12	10.1	8	11	19	29	33	50		
7.2	6.6	6.4	10.7	9.5	9.5		9.5	10.6	7.8	5.3	4.8	5.1		
50	33	29	22	8	10	9.0	8	10	19	29	33	50		
9.5	8.2	8.2	8.2	7.3			7.3	9.3	7.6	6.9	7.0	7.0		
50	33	31	20	10	7.0		9	14	18	27	33	50		
8.5	7.7	7.7	6.0	5.5			5.5	5.7	8.4	7.3	7.7	8.6		
50	33	20	17	8	5.1		7	12	15	21	33	50		
7.3	7.1	7.0	4.1				4.0	4.7	7.2	6.6	7.5	8.0		
50	33	20	12	3.3			7	12	17	19	33	50		
5.1	5.5	5.8	2.9	2.3			2.5	5.1	6.0	5.9	5.7			
50	33	17	12	7	2.0		12	17	19	33	50			
14.5	13.0	13.2	11.8				11.1	11.3	13.5	13.3	12.7	11.7		
50	33	18	11	10.7			9	13	18	25	33	50		
13.1	13.1	13.3	13.6	9.7			9.1	9.9	10.5	9.7	9.2	8.3		
50	33	25	18	10	9.0		10	18	21	27	33	50		
10.4	10.2	10.1	10.5	8.0			7.3	7.5	7.0	6.0	5.0			
50	33	24	18	11	9.2		11	17	24	33	50			
6.3	6.0	6.1	6.7	5.9			5.5	5.6	3.7	3.0	2.2			
50	33	23	17	10	5.3		12	17	27	33	50			

	929.09	
+50		917.59
24+00		919.19
+50		920.59
25+00		922.39
+50		923.89
26+00		923.59
	TO HERE	
+50		922.49
27+00		920.99
+50		918.09
28+00		916.09
	6.77 922.26 13.60 915.49	
28+00		
+50		916.36
+85		918.36

11-8-28

11.2	10.8	11.9	12.6	12.0		11.7	11.6	8.4	7.9	7.3	
50	33	19	12	9	11.5	12	16	27	33	50	
9.1	8.9	9.1	10.4	11.3	10.2		10.3	9.7	7.3	6.3	5.6
50	33	28	14.9	6	9.9		12	17	27	33	50
10.5	10.2	10.1	8.6			8.6	9.2	7.2	6.2	6.0	
50	33	12	7	8.5		12	19	42	33	50	
9.2	8.5	8.4	6.8			6.3	7.1	7.2	5.3	4.3	4.0
50	33	12	6	6.7		6	13	20	22	33	50
5.1	4.8	4.9	5.0			4.8	5.1	4.2	4.7	3.5	
50	33	18	7	5.4		5	17	21	33	50	
4.7	4.8	5.3	5.9			5.7	5.1	4.9	4.7		
50	33	8	5	5.5		12	24	33	50		
6.0	6.2	7.0				6.2	6.9	7.3	6.5	5.9	5.8	5.2
50	33	6	6.6			4	11	14	17	30	33	50
6.3	5.8	6.6	8.7			8.6	8.4	7.8	5.4	5.6	5.5	
50	33	19	10	8.1		11	13	18	26	33	50	
9.2	9.5	11.5	11.9	10.3		10.4	8.3	8.2	8.6	8.1		
50	33	23	22	12	11.0	4	11	21	33	50		
						11.6	10.3	9.5				
					13.0	17	33	50				
8.5	7.9	8.2	8.5	8.9	7.5							
50	40	33	21	18	15							
10.4	12.5	9.7	7.7			4.3	3.6	3.4				
50	41	33	16	5.9		18	33	50				
11.3	11.3	12.0	7.7	4.0		3.6	3.8	4.6				
50	33	22	9	7	3.7	23	33	50				

922.26 ✓

29+00 911.16

+50

30+00

4.37 914.46 ✓ 12.19 910.07 ✓

29+00

29+50 910.06

30+00 908.96

30+50 907.96

31+00 906.76

31+50 905.76

32+00 906.76

1.17 906.65 ✓ 8.98 905.48 ✓

+50 903.75

33+00 902.65

+25 901.15

11-8-28

	11.1	3.5/7 4.5/37 5.2/50
		7.1/16 7.9/33 7.8/50
		10.0/21 9.4/33 9.0/50
8.0/50 7.9/49 3.7/39 3.6/28 4.1/18		
9.5/50 7.8/33 7.3/27 4.3/21 4.3/11	4.4	5.3/6 4.2/11
9.5/50 8.9/33 8.0/25 5.4/15 5.2/5	5.5	5.4/50
9.2/45 9.1/33 8.6/25 6.6/15 6.3/8	6.5	6.4/10 4.8/20 3.1/24 3.0/33 2.7/50
10.7/50 9.5/33 9.3/24 7.9/18 7.5/8	7.7	8.1/6 8.3/12 5.3/17 4.3/26 4.7/33 5.0/50
12.5/50 11.7/35 10.7/33 9.9/25 10.4/24 9.1/16 8.7/8	8.7	10.3/10 7.4/18 6.9/33 6.7/50
14.1/50 13.1/35 12.3/33 11.5/23 10.3/17 9.8/8	7.7	11.6/9 11.6/14 9.3/19 8.0/23 7.7/33 6.5/50
7.6/50 6.2/35 5.4/33 4.7/23 3.4/16 3.1/9	2.9	2.9/3 4.4/8 4.5/13 3.7/15 2.3/18 1.3/23 1.1/33 0.6/50
9.6/50 9.6/26 7.1/25 4.6/17 4.6/7	4.0	4.2/11 5.1/15 5.4/21 3.2/25 2.2/30 3.0/33 1.7/33
10.8/50 9.9/33 9.0/19 8.1/17 7.6/6	5.5	4.4/9 4.5/21 6.4/30 6.7/33 4.3/39 3.7/40 4.4/42 3.8/50

		906.65			
+50					897.55
+75					895.75
34+00					896.55
B.M.	6.34	906.63 ✓	6.34	900.31 ✓	900.29 ✓
+50					898.83
35+00					902.03
+33					901.83
Hub	4.42	903.80 ✓	7.25	889.38 ✓	
+68					899.80
	1.63	897.84 ✓	7.57	896.23 ✓	
36+00					895.76
+55					890.76
37+00					891.06
+25					889.66
	6.84	891.52 ✓	13.38	884.48 ✓	
38+00					880.47
+50					880.67

11-8-28

12.0	11.6	10.3	9.5		8.3	5.1	4.9	5.3	7.4	7.6	7.0		
50	33	6	4	9.1	8	16	23	35	42	49	50		
12.1	11.6				10.8	10.1	9.8	8.6	5.5	4.3	5.6		
50	33			10.9	10	12	19	25	35	43	50		
11.0	10.3							7.5	8.8	5.3	5.6		
50	33			10.1				28	44	50	60		
10.5	9.7	8.6			7.4	7.2							
50	33	15		7.8	33	50							
7.7	6.6	5.3			5.4	5.1							
50	33	9		4.6	33	50							
8.0	7.0	5.9	4.9		4.1	4.0							
50	38	11	7	4.8	23	50							
6.2	5.4	4.5			4.2	3.2							
50	33	17		4.0	10	18	BRKN						
3.2	2.9	2.5			2.3	2.4	2.9	2.7					
50	33	16		2.1	22	24	33	50					
8.5	7.9	5.3			7.2	6.8	7.2						
50	33	23		7.4	14	33	50						
7.3	6.6				7.6	8.3							
50	33			6.8	33	50							
9.7	8.9				8.8	9.5							
50	33			8.2	33	50							
10.9	11.1	11.0			10.3	10.1							
50	33	27		10.9	13	50							
10.6	10.8				10.6	10.5							
50	33			10.7	27	44							

891.32

+62 882.52

5.56 896.30 / 0.58 890.74 /

+78 893.50

+88.7 TOP OF RAIL 895.31

+93.5 TOP OF RAIL 895.33

39 +00 894.70

+03.6 TOP OF RAIL 895.36

+08.3 TOP OF RAIL 895.36

+15 893.70

11.13

+32 884.20

+44 881.50

+62 887.50

40+00 887.10

+50 887.70

11-8-28

7.7	8.0			6.8	7.4		
50	33	7.8		33	50		
7.4	7.0			2.4	1.6		
50	33	2.8		33	50		
0.84	0.92	0.98	1.00		0.72	0.76	0.74	0.87
200	150	100	50	0.97	50	100	150	200
0.84	0.92	0.97	1.01		0.96	0.97	0.94	0.90
200	150	100	50	0.97	50	100	150	200
1.5	1.6			1.4	1.6		
50	33	1.6		33	50		
0.62	0.75	0.81	0.88		0.75	0.97	0.94	0.90
200	150	100	50	0.94	50	100	150	200
0.62	0.75	0.82	0.92		0.96	0.98	0.95	0.90
200	150	100	50	0.94	50	100	150	200
1.4	1.7			4.8	6.9		
50	28	2.6		28	50		
11.3	11.1			11.7	11.9		
50	33	12.0		33	50		
13.7	14.5			14.7	14.7		
50	33	14.8		33	50		
12.8	13.5			14.2	14.5		
50	33	13.8		33	50		
12.6	13.5			14.5	14.5		
50	33	14.2		33	50		
11.3	12.4			13.9	13.3		
50	33	13.6		33	50		

		896.30		
41+00				84.2 ~~88.07~~
+70				890.50
42+00				897.60
+45				891.60
	5.54	877.13 ✓	2.71	873.59 ✓
43+00				892.63
+50				887.93
44+00				
	1.98	890.70 ✓	10.41	888.72 ✓
43+50				
44+00				884.60
44+50				880.10
45+00				881.60
45+50				886.50
46+00				888.70

11-8-38

10.1/50	11.0/33	12.1	11.9/33	11.5/50	
6.8/50	6.1/33	5.8	5.7/28	5.3/50	
6.5/50	5.2/33	3.7	5.8/33	5.7/50	
7.5/50	6.7/33	4.7	5.6/33	5.1/50	
13.7/50	11.0/31	7.3/20	6.3	5.5/33	1.9/50
			11.2	6.5/28	4.3/50
		(16.5)		11.4/33	9.0/50
10.2/50	8.2/33	6.0/17	(2.8)		
12.2/50	11.1/33	8.1			
12.4/50	(7.9/33)	10.9		8.0/33	6.6/50
9.1/50	9.2/33	9.1		8.3/33	6.8/50
4.1/50	3.8/33	4.2		5.6/33	5.3/50
3.0/50	4.1/33	4.0		3.2/33	3.4/50

		896.70		
+34				888.90
47+00				886.90
48+00				887.30
	10.50	898.50 ✓	2.64	888.04 ✓
+50				888.36
49+00				889.36
+50				890.86
50+00				892.66
+50				893.96
	2.61	898.55 ✓	2.61	895.95 ✓ 895.94 ✓
51+00				894.55
+50				895.35
52+00	Here			896.75
	9.05	906.35 ✓	1.45	897.30 ✓
+50				903.45
				98.5
53+00				900.05

11-8-28

3.3	2.8	2.6		1.6	1.3	1.2						
100	50	33	1.8	33	50	100						
6.4	6.3	5.7		3.8	4.1	5.2	6.0	5.9	5.7			
50	33	7	5.8	6	16	19	23	33	50			
4.7	4.7	4.6	4.1	3.2	3.4	4.4	4.8	4.5	4.2			
50	33	6	5	3.4	6	12	15	21	33	50		
9.1	10.0	10.7	7.9	9.9	10.1	10.9	10.9	10.0	9.8	9.4		
50	33	7	5	10.2	6	14	16	18	19	33	50	
6.3	7.4	8.5	8.0	9.2	8.6	8.5	9.0	8.3	8.1	8.1		
50	33	6	4	2	9.2	6	13	19	20	33	50	
3.7	5.3	6.3	7.7			7.4	8.2	7.5	8.0	8.1		
50	33	4	2	7.7		14	18	19	33	50		
4.5	4.4	5.7	5.4	6.0	5.9	5.7	6.5	6.1	5.7	6.0		
50	33	8	5	3	5.9	8	15	18	19	33	50	
3.3	3.9	5.2		4.4	4.6	5.0	4.4	5.1	5.8			
50	33	3	4.6	5	12	16	18	33	50			
3.6	3.9			4.1	4.5	4.7	4.2	4.2				
50	33	4.0		10	15	19	33	50				
3.1	3.2	3.5		3.4	4.4	4.3	4.3					
50	33	12	3.2	10	15	33	50					
1.7	2.0	2.4		1.7	2.3	2.7	2.8					
50	29	12	1.8	13	14	33	50					
7.6	7.8	8.0		8.0	8.7	8.7	8.6					
50	33	12	7.9	11	14	33	50					
5.0	5.7	6.7		6.2	6.9	6.8	6.1					
50	33	11	6.3	9	12	33	50					

	906.35			
+50				901.55
54+00				902.35
+50				902.45
55+00				901.85
+50				900.45
56+00				898.35
+50				896.75
57+00				894.85
	2.88	298.67 ✓	10.56	895.79 ✓
57+00				
+50				894.27
58+00				893.87
+50				893.77
59+00				893.77

11-8-18

3.3/50 2.8/33 4.6/10 — 4.8 — 5.1/12 4.6/33 4.4/50

2.8/50 3.2/33 4.4/14 — 4.0 — 4.0/10 4.5/13 4.3/33 4.6/50

3.6/50 3.1/33 4.4/14 3.7/12 — 3.7 — 4.2/10 5.1/11 5.8/33 6.6/50

1.5/50 2.8/33 4.3/13 — 4.5 — 5.5/11 7.0/33 7.3/50

1.9/50 2.9/33 5.4/9 6.2/7 — 5.9 — 6.4/7 7.0/10 7.7/33 7.8/50

3.1/50 4.7/33 7.7/10 — 8.0 — 8.3/11 9.1/14 9.8/33 10.8/50

5.8/50 7.7/33 9.9/10 10.3/7 — 10.1 — 10.2/8 12.3/15 13.3/10 14.3/33 14.5/50

9.5/50 10.8/33 11.9/11 11.6/8 — 11.5 — 11.6/8 12.6/12

3.8 — 6.5/16 7.1/18 8.1/33 8.5/50

3.4/50 4.0/33 4.2/11 5.0/9 4.4/7 — 4.4 — 4.3/5 5.2/12 6.5/16 7.1/17 7.5/33 8.5/50

3.6/50 4.5/33 5.1/9 4.7/9 — 4.8 — 4.8/9 6.0/17 6.4/18 6.5/33 7.3/50

4.4/50 4.9/33 5.2/10 5.8/8 5.1/7 — 4.9 — 5.0/11 5.7/14 6.5/18 6.8/33 7.1/50

4.2/50 4.8/33 5.5/9 5.2/7 — 4.9 — 4.8/11 5.5/15 6.0/19 5.6/33 5.8/50

		898.67			
+50					899.77
60 +00					894.77
+07	Cross Road				894.87
+50					896.47
	11.85	909.27 ✓	1.23	897.44 ✓	
61 +00					898.59
+50					900.79
62 +00					900.69
+50					900.89
63 +00					901.19
+50					903.09
64 +00					904.49
+50					904.79
65 +00					904.79

11-8-28

4.4	4.8	5.2	5.4	5.0		4.7	6.0	6.6	6.4	6.7	
50	33	10	8	7	4.9	10	15	20	33	50	

3.3	3.5					4.2	3.8				
50	33				3.7	33	50				

1.3	3.3	3.5				4.0	3.7	3.5			
100	50	33			3.8	33	50	100			

2.3	2.6	2.9	2.6			2.6	2.3	3.4	4.0	4.0	
50	33	15	11		2.2	12	23	27	33	50	

9.3	10.8	11.8	11.4			10.9	11.2	12.7	13.6	12.7	13.8
50	33	11	7		10.7	10	17	23	27	37	50

10.6	11.9	12.3	9.3			9.0	9.5	11.1	11.3	9.2	10.6	10.7
50	33	12	5		9.0	9	17	22	28	36	44	50

10.4	10.4	10.6	9.2			8.6	10.0	10.1	9.3	10.1	10.0	10.1
50	33	13	10		9.6	10	17	21	23	26	33	50

7.6	7.9	10.0	9.1			7.6	7.9	11.1	10.4
50	33	16	4		8.4	10	18	26	50

6.4	7.2	7.8	7.3			6.9	7.6	8.5	8.5	7.3	7.6	8.2
50	33	9	6		7.1	5	15	18	21	23	33	50

6.2	6.5	6.9				6.0	6.1	7.1	7.1	6.9	7.1	7.6
50	33	9			6.2	6	16	18	22	23	33	50

3.1	3.6	4.2	5.2			4.7	4.9	5.3	4.5	5.2
50	33	17	8		4.8	8	19	22	27	50

2.6	2.2	2.7	4.2			4.2	4.7	4.0	4.0	4.6
50	33	19	9		4.5	8	21	24	33	50

4.9	4.3	4.9				4.3	5.0	5.1	5.7	
50	33	8			4.5	9	21	33	50	

		909.29			
750.					904.59
	3.11	909.38 ✓	3.11	906.18 ✓	906.17 ✓
66+00					904.08
+50					903.88
67+00					904.18
	5.98	910.17 ✓	5.07	904.21 ✓	
+50					904.09
68+00					904.29
+50					904.99
69+00					904.89
+50					905.09
70+00					905.19
+50					904.99
71+00					905.39
+50					906.79

11-8-28

5.7	5.7	5.7	5.2		4.6	5.1	5.7	6.2	6.2
50	33	7	4	4.7	8	17	21	33	50

6.8	6.7	6.6			5.1	5.6	6.5	6.3	6.3
50	33	7		5.2	9	17	22	33	50

6.9	6.9	6.3	5.9		5.0	5.5	6.0	5.6	5.4
50	33	7	5	5.4	8	17	19	33	50

6.7	6.7	5.9	6.6		4.8	5.1	5.5	4.6	3.8
50	33	13	6	5.1	9	17	19	33	50

NAIL IN T.P. ET. 66+50

7.7	7.7	7.9	6.7		5.6	6.3	5.5	4.6
50	33	7	4	6.1	8	18	33	50

6.4	7.1	8.0	5.9		5.6	6.2	6.6	6.0	5.7
50	33	8	3	5.9	8	16	21	33	50

6.4	7.0	7.8	5.7		5.1	5.6	7.9	7.8	7.6
50	33	7	3	5.4	7	15	21	33	50

→ TOP OF WATER

8.4	8.8	8.9	5.8		5.0	5.3	6.2	7.9	8.6	10.1	10.1
50	33	11	4	5.9	7	14	16	20	25	33	50

→ TOP OF WATER

10.2	9.2	5.6		4.7	5.3	8.7	11.7
33	9	4	5.1	7	16	20	33

11.2	9.2	5.6		4.7	5.6	8.6	11.6
33	10	4	5.0	9	16	21	33

11.2	9.2	6.0		4.7	5.4	8.6	11.6
33	9	4	5.2	8	17	22	33

9.5	8.9	8.3	5.3		4.7	5.1	8.6	10.0
33	15	10	4	4.8	7	16	23	33

6.9	6.6	6.2	3.4		3.2	3.8	6.5	7.0
50	33	7	3	3.4	7	17	24	33

		910.19			
72+00					908.59
	13.69	923.06 ✓	0.82	909.37 ✓	
+50					910.84
73+00					917.86
+50					914.66
74+00					916.66
+50					917.96
75+00					918.76
+50					919.06
76+00					918.36
77+00					919.36
78+00					920.36
	10.73	933.15 ✓	0.62	922.44 ✓	922.42
+75					921.45
79+00					920.95

11-9-28

2.7	3.4	5.2	3.8	2.6		1.4	2.0	3.0	2.4	2.4	2.8		
50	33	17	10	6	1.6	7	18	22	26	33	50		
10.7	10.9	11.9	13.3	14.3	12.6	12.1	13.0	11.2	10.7	10.4			
50	33	19	11	9	7	12.2	8	22	28	33	50		
5.6	5.6	6.0	8.9	11.1	10.5	9.9	10.7	8.2	6.1	5.7			
50	33	27	23	12	6	10.2	7	23	29	35	50		
1.9	2.0	2.6	7.0	8.3	9.2	8.6	8.0	8.7	6.0	3.6	4.1		
50	33	26	20	15	12	8	8.4	8	23	29	35	50	
1.8	2.2	2.7	4.7	6.6	7.8	6.6	6.1	7.4	6.9	5.4	3.6	3.6	3.7
50	33	23	19	14	9	9	6.4	9	24	26	27	31	33	50
2.7	2.9	2.6	5.5	6.0		4.8	6.0	4.8	3.4	3.4	3.6		
50	33	22	14	8	5.1	9	24	27	31	33	50		
3.7	3.6	3.4	4.7	5.1		4.2	4.8	3.4	3.1	3.7			
50	33	18	13	5	4.8	10	23	26	33	50			
4.9	4.8	4.6				3.4	3.2	3.8	4.3	3.9	3.9	4.2	
50	33	4	4.0			5	12	22	25	27	33	50	
4.7	4.7					3.8	3.2	3.8	4.3	3.5	3.5		
50	33		4.7			5	12	23	28	33	50		
4.0	4.0					2.8	2.7	2.7	2.0				
50	33		3.7			8	14	33	50				
2.0	2.3					2.3	1.9	2.6	2.0	2.1			
50	33		2.7			6	15	28	33	50			

¢ Road

11.0	11.3	11.5				11.6	12.1	12.9	13.6	13.9	12.1	11.9	
50	33	15	11.7			16	27	30	43	56	67	89	

¢ Road

11.3	11.3	12.0				11.9	11.4	11.4					
50	33	8	11.2			7	33	50					

	933.15		
+31			972.45
+62			977.05
80+00			977.95
81+00			974.75
82+00			974.95
83+00			976.45
84+00			978.05
85+00			980.75
+46			979.45
+76			976.95
86+00			975.05
+40			977.05
	5.55	727.70 ✓ 11.00	922.15 ✓

11-9-29

℄ Road

11.2/50 12.0/37 11.6/23 11.2/17 10.7 10.6/20 10.9/29 11.6/37 12.1/50

℄ Road

10.2/50 10.5/20 11.5/8 11.1 10.3/7 10.4/13 10.8/23 11.5/33 10.6/35 10.4/50

℄ Road

9.4/98 9.8/72 11.5/63 11.3/50 10.8/33 10.2 10.0/6 9.9/12 10.4/23 11.0/32 9.6/35 10.0/50

9.3/50 9.1/33 8.4 8.2/7 8.0/15 8.7/23 9.3/27 9.5/32 9.0/34 9.1/50

9.3/50 9.0/33 8.2 8.2/5 7.8/17 8.3/27 9.2/32 8.3/35 7.6/50

8.0/50 7.9/33 6.7 6.5/7 6.5/15 6.5/21 7.9/33 7.3/35 6.8/39 6.8/50

5.6/50 5.6/33 5.1 5.1/7 4.9/14 4.8/22 5.9/33 5.2/50

2.6/50 3.0/33 2.9 2.9/13 3.0/21 3.4/25 3.3/33 3.3/50

0.7/50 0.8/33 1.3/14 2.8/6 4.6/3 4.6/2 3.7/1 3.7 4.1/14 4.3/22 4.8/26 4.2/28 4.2/30 2.4/35 2.5/50

0.3/50 0.8/33 0.7/18 3.0/9 7.0/4 6.3/2 6.2 6.2/14 6.4/20 7.1/25 5.6/26 3.1/31 3.9/50

0.8/50 1.2/33 2.5/21 4.8/9 8.5/5 8.3/2 8.1 8.1/13 8.2/20 8.8/23 7.4/26 5.4/30 5.6/33 6.7/50

4.8/50 7.4/31 9.1/13 10.3/8 10.3 10.5/11 10.7/21 11.4/25 7.9/29 11.8/50

927.70

+52 924.40

+54 CROSS DRAIN

+64 922.05

+75.65 922.15

B.M. 7.06 920.64 920.63

11-9-27

5.4 60 66 5.5 5.5 6.0 7.1 8.0
50 33 13 10 5.53 10 25 28 50
7.40 8.13
13 27

4.55 6.87
50 5.65 50

2.57 3.10 3.74 4.52 6.80 8.00 9.40 10.80
200 150 100 50 5.55 50 100 150 200

PROJ # 29-15

"B" LINE

X SECTIONS FROM STA. 27+00

TO STA 48+37.19

B.M.	0.28	927.28 ✓		927.00	
27					920.88
+50					918.08
	2.81	918.05 ✓	12.04	915.24 ✓	
28					915.05
+62					911.35
+75 & R.R.R.					910.75
+89					910.65
29					905.25
	1.59	906.11	13.53 ✓	904.52 ✓	
29					
+17					900.01
+80					900.61
30					899.41
+50					894.81
31					893.41

11-15-28

N.E. COR. OF CONC. PORCH RT STA. 25+55

4.6/50 4.0/33 4.9/16 6.8/9 6.4 6.1/4 6.7/13 6.1/19 3.5/28 3.3/33 3.3/50

6.5/50 6.3/33 6.3/27 9.5/8 10.0/7 9.2 9.5/13 8.7/19 6.6/26 6.2/30 6.3/33 6.2/50

4.2/50 4.4/33 4.2/21 3.7/5 3.0 3.6/15 4.7/23 3.0/28 2.4/33 2.1/50

12.2/50 12.5/33 12.3/20 7.1/7 6.7 5.1/12 6.1/33 6.2/41 6.8/46 7.3/50

10.9/100 10.1/50 9.5/33 7.3 6.3/23 6.4/50 7.3/100

14.3/50 14.0/33 10.5/11 8.8/7 7.4 8.0/37 7.9/50

12.8 12.7/17 13.1/27 10.8/50

6.0/50 5.4/33 5.1/26 3.9/14

5.9/50 5.9/33 6.1 5.0/24 4.1/33 3.2/50

1.9/50 2.7/33 3.6/20 5.5 7.6/23 7.9/33 7.6/50

1.6/50 3.5/33 6.9 9.8/33 9.3/50

3.2/50 6.5/33 8.5/22 11.3 12.7/27 12.9/33 12.8/50

6.7/50 8.7/33 10.4/23 12.7 13.9/33 14.1/50

906.11 ✓

	+50	893.71
32		893.41
	+50	893.21
33		895.41
	+35	896.51
34		895.71
	+82	903.01
	2.45 904.70 ✓ 3.86 902.85 ✓	
	+91	901.60
35		896.60
	+10	893.90
	+14	895.30
	+18 3/4 TOP OF RAIL	896.00
	+23 1/4 TOP OF RAIL	896.01

11-15-28

9.5/50 10.6/33 12.4 11.2/33 11.2/50

10.3/50 11.3/33 12.7 12.5/14 11.2/33 11.0/50

12.2/50 12.6/33 13.1/14 12.8 12.4/33 12.5/50

12.1/50 11.3/33 10.7 10.5/33 10.4/50

11.8/50 10.4/33 9.6/23 9.6 9.1/33 8.4/50

9.8/50 9.8/33 10.9 10.9/33 9.9/50

8.1/50 5.6/33 5.1 4.3/33 5.6/50

NAIL IN T.P. LT. STA. 34+90

6.6/50 4.6/33 2.1 2.6/33 4.0/50

9.3/50 8.3/33 8.1 8.4/33 8.6/50

11.2/50 11.2/33 10.8 10.6/33 10.9/50

11.2/50 9.5/14 9.4 9.3/33 9.3/50

8.81/200 8.84/150 8.83/100 8.74/50 8.70 8.73/50 8.79/100 8.82/150 8.84/200

8.84/200 8.84/150 8.82/100 8.73/50 8.69 8.74/50 8.79/100 8.82/150 8.83/200

		904.70 ✓			
+32 8	TOP OF RAIL				895.80
+37 4	TOP OF RAIL				895.79
+38					895.30
+45					894.50
+60					896.30
	3.11	894.95	12.86	891.84 ✓	
36					891.15
+50					887.55
37					887.45
+70					886.45
38					886.85
+50					884.45
39					891.05
	6.92	901.21 ✓	0.66	894.29 ✓	
+55					894.11

11-15-28

8.79	8.84	8.92	8.94		8.92	8.92	8.84	8.92
200	150	100	50	8.90	50	100	150	200

8.79	8.84	8.91	8.92		8.91	8.92	8.94	8.92
200	150	100	50	8.91	50	100	150	200

9.4	9.4			10.3	10.5	
50	33	9.4		13	50	

9.5	9.6	10.4		10.1	11.9	8.7
50	17	8	10.2	24	40	50

10.3	10.0	9.9		9.1	10.0
50	33	9	8.4	33	50

4.6	4.5			2.7	2.8
50	33	3.8		33	50

7.5	7.5			6.7	6.7
50	33	7.4		33	50

8.1	8.0			7.5	7.8
50	33	7.5		33	50

7.5	7.7			9.1	9.5
50	33	8.5		33	50

7.2	7.5			8.3	8.8
50	33	8.1		33	50

6.1	6.3			7.0	7.3
50	33	6.5		33	50

3.3	3.5			4.8	4.9
50	33	3.9		33	50

6.2	6.5	6.4		8.0	8.5	
50	30	14	7.1	33	50	

		901.21		
40				896.71
	+50			898.71
41				897.61
	+50			896.71
42				896.71
	+50			895.81
43				893.81
	+50			891.61
	4.38	893.52	12.07	889.14
44				889.72
	+50			888.52
45				888.22
	+50			887.42
46				885.62

11-15-28

3.4/50 3.6/33 4.5 5.8/33 6.6/50

2.3/50 2.2/33 3.0 4.6/33 5.1/50

℄ ROAD.

3.7/100 5.4/74 4.4/75 3.8/50 3.4/33 3.4 4.1/33 4.3/50

℄ ROAD.

4.9/50 4.2/37 4.5/25 5.6/17 4.9/16 4.5 4.0/33 4.2/50

℄ ROAD.

3.9/50 3.5/29 4.0/27 4.2/11 5.0 5.7/8 4.2/9 4.3/33 4.6/50

℄ ROAD.

3.5/50 3.1/33 3.4/15 6.1/13 5.4 6.3/9 6.6/14 4.9/16 5.1/33 5.2/50

7.7/50 6.7/33 6.8/15 8.3/13 7.4 8.3/11 9.0/14 8.2/18 8.0/33 7.8/50

9.1/50 8.9/33 9.3/15 10.3/13 9.4 10.5/10 11.7/16 11.2/18 11.4/33 11.3/50

4.8/50 4.3/33 4.0/15 4.6/14 3.8 4.5/10 5.8/13 6.7/33 7.1/50

5.5/50 6.1/33 6.1/16 6.0/13 5.7/10 5.0 5.9/10 7.4/13 8.1/33 8.1/50

4.8/50 6.0/33 5.9/14 6.0/13 5.7/9 5.3 6.2/11 6.9/13 7.8/33 8.8/50

℄ ROAD.

5.0/50 6.7/33 7.8/12 6.6/9 6.1 6.0/3 7.0/12 8.0/14 8.1/33 8.4/50

℄ ROAD

6.6/50 7.8/33 7.9 8.0/3 6.9/5 6.2/16 7.6/33 6.9/34 6.4/50

		893.52 ✓			
+50					885.62
47					884.72
+50					884.92
48					886.82
+57 (8)					887.87
T.P.	7.52	878.33 ✓	4.71	888.81 ✓	
B.M.			2.36	895.97	895.94

$\frac{7.2}{50}$ $\frac{7.6}{33}$ 7.7

$\frac{6.3}{31}$ $\frac{5.8}{43}$ $\frac{5.8}{50}$ ← 4 RUNS

$\frac{7.8}{50}$ $\frac{8.5}{33}$ 8.8

$\frac{8.6}{33}$ $\frac{7.7}{50}$

$\frac{8.0}{50}$ $\frac{8.4}{33}$ 8.6

$\frac{8.5}{17}$ $\frac{6.7}{20}$ $\frac{6.5}{30}$ $\frac{6.7}{36}$ $\frac{8.8}{45}$ $\frac{8.8}{50}$

$\frac{6.2}{50}$ $\frac{7.0}{33}$ $\frac{7.5}{3}$ 6.7

$\frac{6.2}{12}$ $\frac{6.5}{21}$ $\frac{7.8}{23}$ $\frac{8.0}{33}$ $\frac{8.0}{50}$

$\frac{5.6}{50}$ $\frac{6.4}{33}$ $\frac{6.5}{7}$ $\frac{5.3}{5}$ 5.7

$\frac{5.3}{7}$ $\frac{5.5}{15}$ $\frac{6.3}{17}$ $\frac{5.7}{33}$ $\frac{5.5}{50}$

PROJ # 29-15

"A" LINE.

X SECTIONS FROM STA. 26+50

TO STA. 45+30 ±.

B.M.	1.03	928.03 ✓		927.00 ✓	
26+50					922.53
27					921.03
+50					918.03
28					914.33
	3.00	918.03 ✓	13.00	915.03 ✓	
+50					912.43
+85					911.83
+96					910.53
29					908.93
	1.02	905.53 ✓	13.52	904.51 ✓	
29+96					
29					
29+17					902.73
29+50					900.33
30+00					897.33

N. E. Cor. of Conc. Porch Rt Sta. 25+55

4.9/50 5.2/33 5.9/9 5.5 5.2/4 5.9/12 6.3/13 5.4/18 4.8/33 4.5/50

5.2/50 4.9/33 5.6/18 7.5/12 7.0 7.5/12 6.7/18 4.3/26 4.4/33 4.4/50

7.8/50 7.7/33 9.0/23 10.4/15 10.8/14 10.1/8 10.0 10.2/6 9.6/11 8.7/15 7.2/18 7.0/27 7.0/33 7.4/50

16.0/50 15.7/33 13.9/21 13.1/11 13.7 14.4/9 12.9/14 12.2/21 12.2/33 10.4/50

12.4/50 12.0/47 6.4/30 6.1/22 5.2/15 5.6 5.6/2 6.0/5 5.0/23 4.1/33 2.0/50

14.6/50 9.5/36 8.2/31 7.5/18 6.2 6.4/21 6.6/28 7.5/39 7.6/47 6.9/50

9.2/14 7.5 8.2/10 6.9/27 6.9/46 6.9/50

11.4/12 9.1 8.0/3 8.0/9 7.7/27 6.7/30 7.2/50

4.3/50 1.3/43 (+5.0)

5.3/50 3.5/35 (+3.4)

5.7/50 6.3/33 5.0/19 2.8 1.4/3 +3.5/22 +2.5/44 +2.6/50

5.5/50 6.4/33 5.2 3.5/33 1.9/50

9.8/50 10.0/33 8.2 6.2/33 5.6/50

905.53 ✓

+50 894.33

31 892.03

+50 891.83

32 890.58

5.13 897.14 ✓ 13.52 883.01 ✓

+50 889.34

33 890.24

+50 890.94

34 893.64

7.99 904.15 ✓ 0.98 896.16 ✓

+50 896.15

35 897.75

+10 898.75

+22 893.55

+30 894.95

12.5	12.4			9.2	8.3		
50	33	11.3		33	50		
13.4	13.7			11.1	9.7		
50	33	13.5		33	50		
12.2	13.3	14.0		11.6	10.3		
50	33	21	13.7	33	50		
14.1	14.9			13.6	13.5	13.8	
50	33	15.0		16	33	50	
6.8	7.4			7.5	7.1		
50	33	7.6		33	50		
6.8	7.1			5.3	5.1		
50	33	6.9		33	50		
5.5	6.0			4.1	5.3		
50	33	6.2		33	50		
6.2	3.5			3.0	3.5		
50	33	3.5		33	50		
4.7	6.0			10.2	10.7		
50	33	8.0		33	50		
10.3	10.0	4.4		7.6	9.1	10.9	
50	44	29	6.4	15	33	50	
10.5	10.4	9.7	5.3	8.6	9.4	10.2	
50	33	17	3	5.4	33	38	50
9.0	9.2	10.5		10.1	6.5	7.3	9.7
50	33	17	10.6	17	28	33	50
8.9	9.1			10.6	10.3	7.5	7.7
50	33	9.4		14	33	47	50

	904.15 ✓	
+32 9	TOP OF RAIL	895.63
+37 7	TOP OF RAIL	895.68
+48 1	TOP OF RAIL	895.75
+52 9	TOP OF RAIL	895.73
+54		895.35
+63		893.95
+72		891.75
	2.76 903.96 ✓ 2.95 901.80 ✓	
+95		899.76
36+00		899.86
+15		899.46
+65		898.06
37		895.36
	1.37 893.91 ✓ 11.42 892.54 ✓	
+50		889.71

11-14-58

8.27/200 8.30/150 8.33/100 8.44/50 8.52 8.56/50 8.63/100 8.69/150 8.77/200

8.28/200 8.28/150 8.31/100 8.41/50 8.47 8.50/50 8.58/100 8.69/150 8.75/200

8.40/200 8.38/100 8.38/100 8.39/50 8.40 8.41/50 8.39/100 8.47/150 8.60/200

8.39/200 8.38/100 8.38/100 8.40/50 8.42 8.44/50 8.41/100 8.47/150 8.59/200

10.4/50 9.7/33 10.0/17 8.8 9.1/33 9.2/50

6.1/50 5.9/47 9.9/34 11.1/33 13.8/16 13.0/9 10.2 10.1/24 9.1/33 8.9/50

6.0/50 5.8/41 8.9/33 10.5/24 12.6/14 12.9 12.1/12 10.8/34 9.9/50

NAIL T.P. 50' LT. STA. 34+75.

6.4/50 6.2/44 5.8/33 4.2 4.0/3 6.6/14 8.0/19 6.8/30 8.9/50

6.4/50 5.7/33 4.8/19 4.1 4.0/9 6.7/23 5.2/33 6.9/50

7.0/50 6.2/33 4.5 4.7/21 4.2/22 4.6/33 5.1/50

9.8/50 8.4/33 5.9 6.5/26 6.6/33 7.0/50

12.0/50 10.7/33 8.6 8.3/33 8.4/50

6.2/50 5.8/33 4.2 2.4/33 1.5/50

	893.91 ✓	
38		885.71
+50		883.81
39		885.61
+45		887.01
40		883.41
	7.74 882.81 ✓ 7.84 884.07 ✓	
+75		879.41
41		879.51
+50		882.81
42		886.41
+50		888.11
43		888.11
+50		884.61
44		885.11

11-14-58

10.0/50 9.7/33 8.2 7.2/33 6.2/50

11.3/50 11.1/33 10.1 8.5/33 7.5/50

10.1/50 9.6/33 8.3 6.3/33 5.2/50

7.4/50 7.0/33 6.9 8.3/33 8.3/50

5.8/50 7.3/33 10.5 13.2/33 13.8/50

6.4/50 8.7/33 12.4 13.8/27 13.8/33 13.5/50

6.2/50 8.5/33 12.3 13.6/33 13.6/50

4.4/50 5.4/33 9.0 11.6/33 12.0/50

4.5/50 4.2/33 8.4 6.3/33 8.2/50

4.9/50 4.6/33 9.7 3.6/33 4.3/50

5.5/50 5.0/33 4.4/24 9.7 2.0/12 3.0/33 3.4/50

6.0/50 7.1/33 7.2 7.1/11 5.6/13 4.8/23 4.9/35 6.3/40 5.6/50

7.0/50 7.2/33 6.7 6.8/4 5.5/5 4.9/13 5.1/21 7.0/28 7.2/33 7.2/50

891.81 ✓

+50 886.71

45 888.01

9.52 898.31 ✓ 3.02 888.79 ✓

+30.39 888.71

B.M. 3.36 895.75 895.94

6.2 6.3 6.1 5.1 5.1 — 4.5 4.5 6.2 6.1 6.0
50 29 4 1 — 8 14 22 33 50

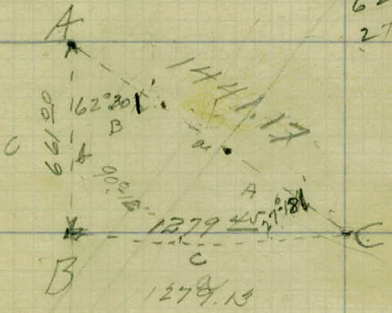
3.2 4.3 4.8 3.7 3.8 — 3.6 3.7 4.3 3.8 3.5
50 33 5 4 — 7 13 17 33 50

7.3 8.6 7.9 7.1 7.7 7.6 — 9.3 9.3 10.3 9.2 8.6 7.3
50 33 7 6 3 — 6 12 17 17 33 50

SICK IN 10" TREE 35 LT STA 51+50.

2652.05
1372.6
1279.45

27.18
90 17
179 60
117 30
89 60
62 30
27 30



661.0 $\sqrt{661.0}$

$$b = \frac{661}{\sin C} \times \sin B =$$

$$\frac{661}{,45865} \times ,99999$$

$$= 1441.17$$

COUNTY ROAD "B"

Sta	Point	Δ Lt	Δ Rt.
28+75.07	P.I.		27°30'
25+96.99			
3+31.3			
0+00	S.T.H. No. 1		

15" Willow

67.05

Hub

T.P. 53.20

10" Box Elder

39.60

Hub.

34.13

20" Maple.

T.P.

T.P.

62.07'

25.17

72.05

P.I.

75.17

3 Nails in Pav.

69.60

56.83

PP

PP

Mont

P.I.

P.O.T.

5092 O F.A.

Hob.

4925 O F.A.

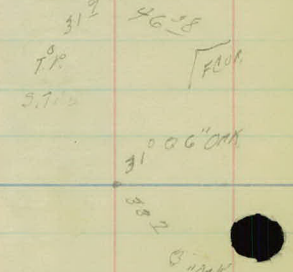
8 7 3 2/ 0 T.P.

66 5 T.P. 0 SIDE Tie

80°, 44 ft

86 f 74 65 MONT.

84 f 83 7 P.C.T.



PROJ # 29-15

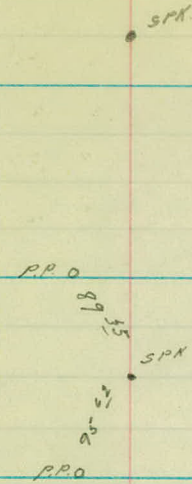
L. LINE.

ALIGNMENT FROM STA. 6+61

TO STA. 32+42 ±.

STA.	POINT	Δ LT.	Δ RT	
12 + 76.06	P.T.		18°-27'	
+50			17°-40'	
12+00			16°-10'	
+50			14°-40'	S. 53°-06' E ✓
11+00			13°-10'	
+50			11°-40'	
10+00			10°-10'	
9 + 79.8	P.I.			Δ - 36°-54'
+50			8°-40'	D - 6°-[illegible]
9+00			7°-10'	T - 318.74 ✓
+50			5°-40'	L - 615.0 ✓
8+00			4°-10'	R - 955.37 ✓
+50			2°-40'	
7+00			1°-10'	
6 + 61.06	P.C.		0°-00'	
0 + 00				N. 90°-00' E

2-26-29



STA.	POINT	Δ LT	Δ RT
$23+54\frac{26}{}$	P.T.	$18°-27'$	
$+50$		$18°-19'$	
23		$16°-49'$	
$+50$		$15°-19'$	
22		$13°-49'$	
$+50$		$12°-19'$	
21		$10°-49'$	
$20+58°$	P.I.		
$+50$		$9°-19'$	
20		$7°-49'$	
$+50$		$6°-19'$	
19		$4°-49'$	
$+50$		$3°-19'$	
18		$1°-49'$	
$+50$		$0°-19'$	
$17+39\frac{29}{}$	P.C.	$0°-00'$	
$13+05-\frac{76}{}$	P.O.T.		

N 90° 00' E.

S. 53° 06' E.

A - 36° - 54'

D - 6° L.

T - 318 $\frac{74}{}$

L - 615 $\frac{0}{}$

R - 955 $\frac{37}{}$

2-27-29

HUB.

SPK.

SPK.

SPK.

STH POINT Δ LT. Δ RT.

35+55.14 P.T. ON MAIN LINE.

32+42.92 P.O.T. =

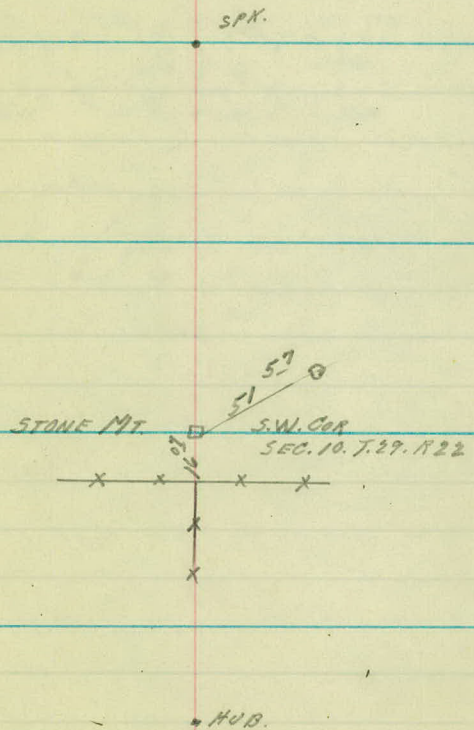
S. 89°-03' E.

30+43.9 P.I. 0°-57'

25+27.55 P.O.T.

N. 90°-00' E.

2-27-29



PROJ # 29-15

L. LINE.

ART. TOPOG. FROM STA.
6+00 TO STA 33+00.

11

10

9

8

7

6

2-28-29

CULTIVATED

17

16

15

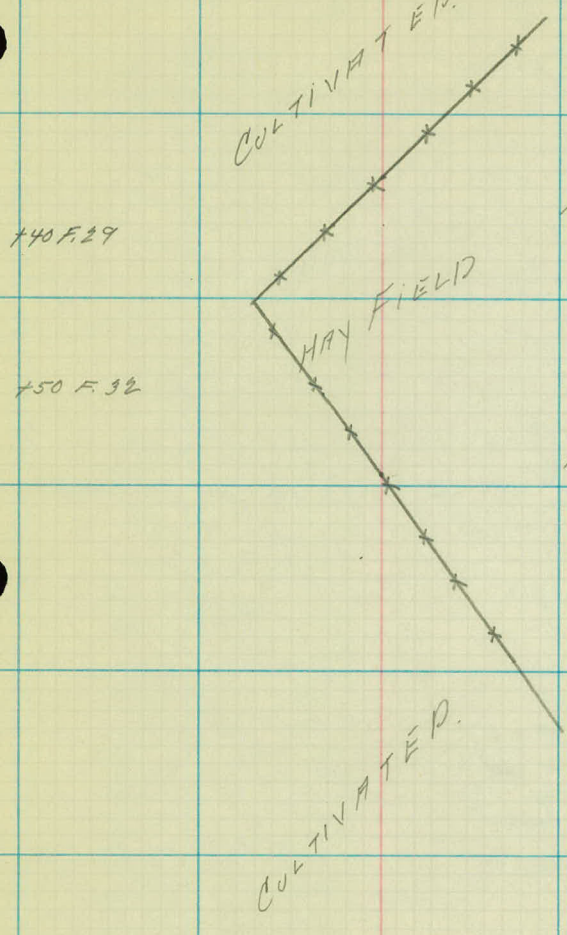
14

13

12

11

2-28-29



23

22

21

20

19

18

17

2-28-29

29

28

27

26

25

24

23

2-28-29

F. 1

F. 2

F. 3

F. 4

CULTIVATED

HAY FIELD.

CULTIVATED

F. 3

F. 2

450 FT

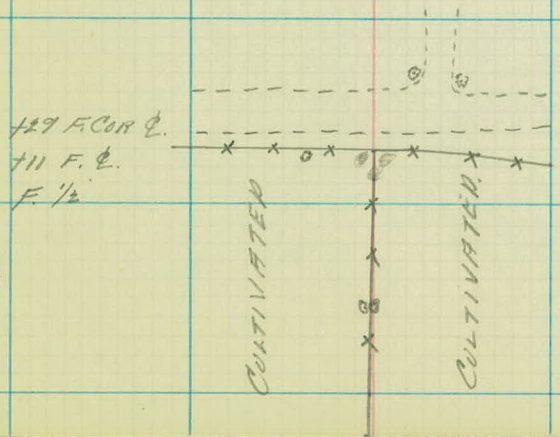
32

31

30

29

2-28-29



PROJ # 29-15

L. LINE

CENTER LINE LEVELS AND X SECTIONS FROM STA. 7+00 TO STA. 33+00.

STA.	+	H.I.	−	ROD	ELEV
B.M.	9.17	885.60		876.43	
7+00					72.9
+50					75.4
8+00					79.0
+50					81.5
9+00					77.4
+50					73.3
10+00					73.5
+50					76.3
11+00					82.1
+25					84.6
+50					84.4
12+00					83.5
	10.5-8	895.14	1.04	884.56	
+50					86.3

2-27-29

SPK. IN R.P 100 RT. STA. 7+45

10.2	12.0	11.6	11.1	11.4	11.5		13.9	14.3
35	30	28	23	13	5	12.7	7	33

6.4	9.9	9.5	9.4		9.7	9.9
36	31	24	14	10.2	24	33

8.2	7.7	8.1	8.2		4.5	5.4	5.8
33	29	20	8	6.6	10	25	33

8.1	8.4	8.6	6.6		1.9	1.4
35	30	20	6	4.1	13	33

9.4	9.7	10.3	9.4		6.1	5.0	4.3
33	30	26	14	8.2	14	27	33

13.3	12.8	13.0			11.6	9.5
33	26	13	12.3		16	33

12.5	12.3			11.9	11.3
33	12	12.1		16	33

8.3	8.6	9.7			9.4	8.8
33	25	14	9.3		15	33

4.0	3.8	3.6			3.8	4.1	4.3
33	28	14	3.5		18	29	33

2.6	1.9	1.4			1.9	2.5	2.9
33	24	14	1.0		17	31	35

2.9	2.6	1.6			1.5	2.7
33	29	13	1.2		16	35

3.2	2.7				1.9	2.0	2.0
33	14	2.1			13	28	33

9.9	9.5			7.7	7.6
33	24	8.8		21	33

	895.14 ✓	
13+00		90.1'
+50		89.4'
14+00		88.9'
+50		89.9'
15+00		90.9' ✓
	2.60 892.54	
+50		90.8'
16+00		88.2'
+40		86.7'
+66		87.5'
17+00		87.5'
+50		88.9'
18+00		89.7' ✓
	9.43 900.37 · 4.20 890.94 ✓	
+50		90.2'

2-28-29

5.7 / 33	5.2 / 21	5.0	5.8 / 21	6.6 / 33	
4.2 / 33	5.1 / 15	5.7	6.6 / 16	8.0 / 33	
6.1 / 33	5.9 / 18	6.2	6.8 / 18	7.6 / 33	
6.6 / 33	6.1 / 22	5.2	4.8 / 20	4.7 / 33	
5.7 / 33	5.2 / 23	4.2	3.3 / 16	3.2 / 33	

NAIL IN E. POST ON ℄ AT STA 15+05

3.7 / 33	3.8 / 28	4.0 / 14	4.3	4.7 / 20	6.2 / 33
5.2 / 33	6.0 / 14	6.9	8.5 / 20	9.6 / 33	
3.8 / 33	6.5 / 25	7.5 / 11	8.4	9.4 / 20	10.2 / 33
6.6 / 33	7.1 / 12	7.6	8.7 / 21	9.5 / 33	
5.2 / 33	6.3 / 16	7.6	8.8 / 19	9.8 / 33	
2.9 / 33	4.5 / 16	6.2	7.9 / 14	9.5 / 33	
1.2 / 35	3.2 / 20	5.4	7.0 / 16	8.8 / 33	
5.4 / 33	6.9 / 24	8.2 / 15	10.2	12.3 / 18	13.5 / 33

		900.37 ✓			
19+00					90.0
+50					89.9
20+00					91.0
+50					91.1
21+00					93.6
+50				✓	97.6
	12.06	910.86 ✓	1.57	898.80	
22+00					900.4
+50					900.4
+80					00.9
23+00					02.3
+50				✓	07.1
	10.85	917.06 ✓	2.65	908.21	
24+00					11.3
+50					14.0

4-28-39

4.3	6.4	8.6		12.0	13.1	13.2	
33	23	12	10.4	14	25	33	

5.3	7.7			13.3	15.0		
33	19	10.5		20	33		

5.6	6.5			12.1	13.6		
33	16	9.4		19	33		

5.4	7.4			11.4	12.8		
33	17	9.3		18	33		

2.9	4.0			9.0	10.2	9.5	9.8
33	20	6.8		19	30	32	33

0.0	1.3			4.8	4.2	6.7	
33	15	2.8		18	21	33	

NAIL IN F. POST 15' RT STA. 21+65.

9.7	9.9			11.4	10.6	13.3	13.8
33	16	10.4		6	12	28	33

10.0	10.3			11.0	12.5	13.3	
33	15	10.5		7	21	33	

9.0	9.4			10.3	11.5	12.1	
33	15	10.0		6	24	33	

7.8	8.3			9.4	10.1	10.6	
33	19	8.4		6	12	33	

3.4	3.8		4.0	4.5	
33	20	3.8	18	33	

8.3	8.3	8.2		8.2	8.7	9.0	
50	50	20	7.8	16	33	50	

6.3	6.1	5.6		4.9	5.0	5.2	
50	33	20	5.1	17	33	50	

		917.00			
25+00					17.2'
	5.80	914.15	0.51	918.55	
+50					18.9'
26+00					16.8'
+50					15.0'
27+00					13.7'
+50					11.4'
	2.72	916.63	10.44	913.91	
28+00					09.4'
+50					07.7'
29+00					04.0'
	2.93	908.34	11.22	905.41	
+50					00.3'
30+00					97.8'
+33					98.7'
+40					00.7'
TB.M.	7.15	907.44	8.03	900.31	900.29

2-28-27

3.5	3.0	2.2	1.5		2.5	3.8	5.2	
50	33	8	4	1.9	14	33	50	

NAIL IN FROST LT. STA 25+00

6.7	6.3	6.0	4.7		6.5	8.0	9.7	
50	35	22	7	5.5	18	33	50	

6.1	7.0	7.1	7.6		8.8	10.5	12.1	
50	33	22	7	7.6	18	35	50	

5.6	6.7	7.1	7.8		10.1	12.3	13.7	
50	33	25	8	7.4	8	33	50	

6.1	7.8	10.1			12.2	13.8	15.8	
50	33	8		10.7	18	32	50	

8.6	9.7	11.0	11.2		14.6	16.1	17.5	
50	33	21	6	13.0	17	33	50	

3.3	4.8	5.5	6.3	5.8	8.7	10.0	11.5	
50	33	20	8	5	7.2	16	33	50

5.8	6.6	7.0	7.8	8.0	10.6	12.2	13.6	
50	33	20	10	4	8.9	17	35	50

9.4	10.5	11.3	11.9		14.6	16.1	17.1	
50	33	20	3	12.6	20	36	50	

4.7	6.1	7.1	7.6		7.7	11.3	12.7	
50	33	15	2	8.0	19	33	50	

8.2	9.1	9.4	9.8		12.4	13.0	13.1	
50	33	20	3	10.5	20	37	50	

9.3	9.3	9.8	9.7		8.9	10.0	10.4	
50	33	22	12	9.6	22	39	50	

7.2	7.3				7.8	8.0	8.1	
50	33			7.6	28	35	50	

907.44 ✓

750	℄ ROAD	00.9'
760		00.3'
		766-50
766		97.7'
31 700		98.3'
750		01.5'
32 700		02.3'
$32+42^{92} = 35+55^{12}$		✓ 00.3'
B.M.	715	700.29 700.29

2-28-29

3.7	4.7	5.5	6.1		6.7	6.7	7.0	7.2
200	150	100	50	6.5	50	100	150	200

6.9	6.6		7.1	7.0	
50	33	7.1	25	50	

7.8	7.6	7.9	7.1	7.2	7.6
50	33	17	15	42	50

10.5	9.6		8.6	8.3	6.5	6.6	4.9	4.1
50	33	9.1	17	22	27	37	44	50

10.2	8.9	8.2	4.8	4.2	4.0	3.1	2.9	
50	33	23	5.9	17	27	38	44	50

8.3	7.0	5.8	4.6	4.4	4.3	
50	33	16	5.1	20	33	50

9.1	8.2	7.7		6.7	
50	34	21	7.1	18	BRAN.

SPK IN LEASE COTTONWOOD 5½ RT 5 TH 30 AC

1+32 SHED 29 L

1+35 CORN CRIB 8 R.

1+00 1+16.5 BARN 16 R.

0+82 BARN 16 R.

0+89 OUT HOUSE 9 R 5X6'

0+71 SHED 6 L

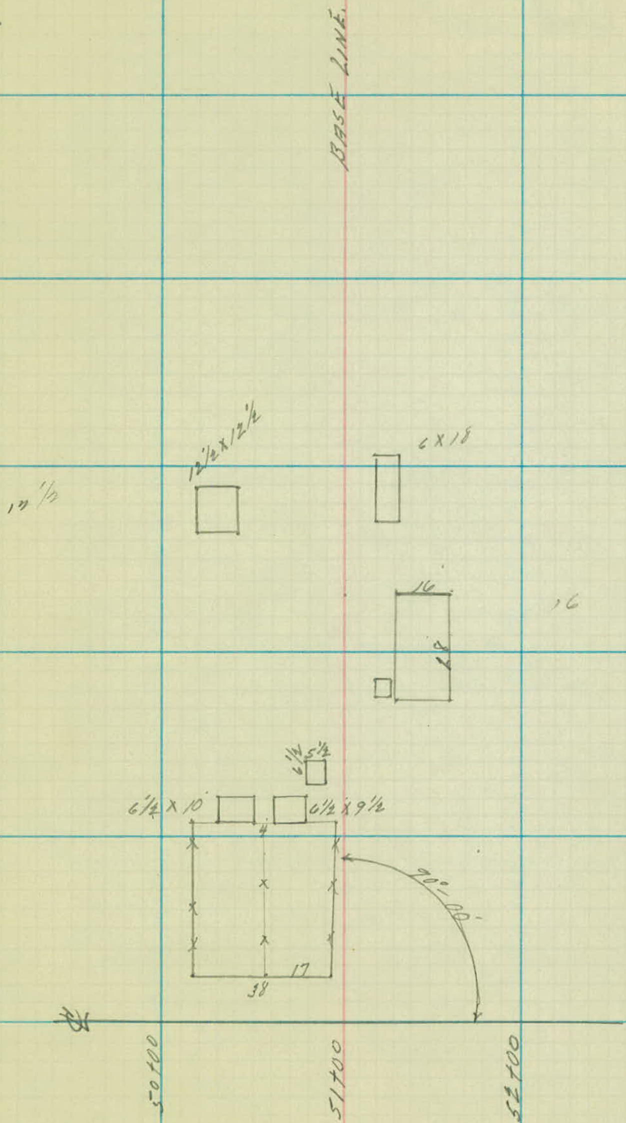
0+67.5 SHED 6 1/2 L

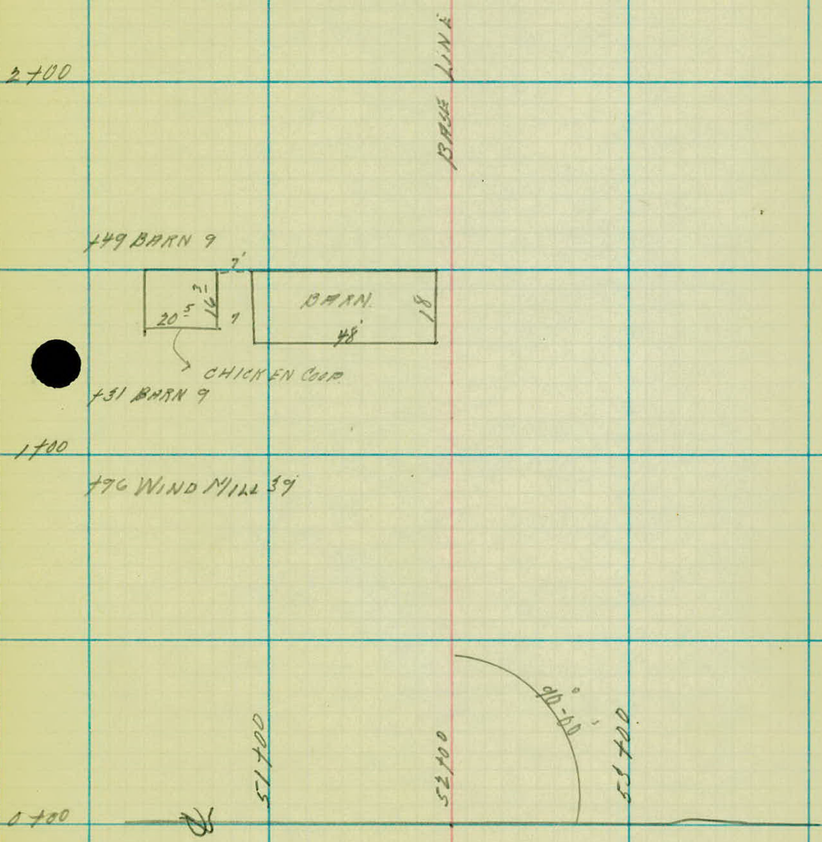
0+61 COOP 11.5 L

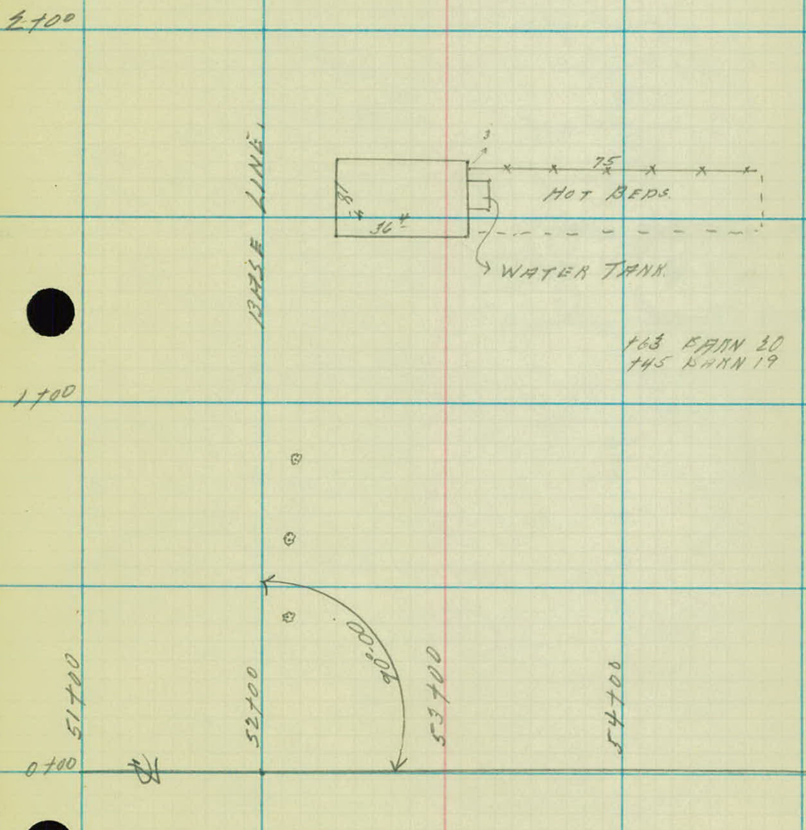
0+54.5 " 11.5 L.

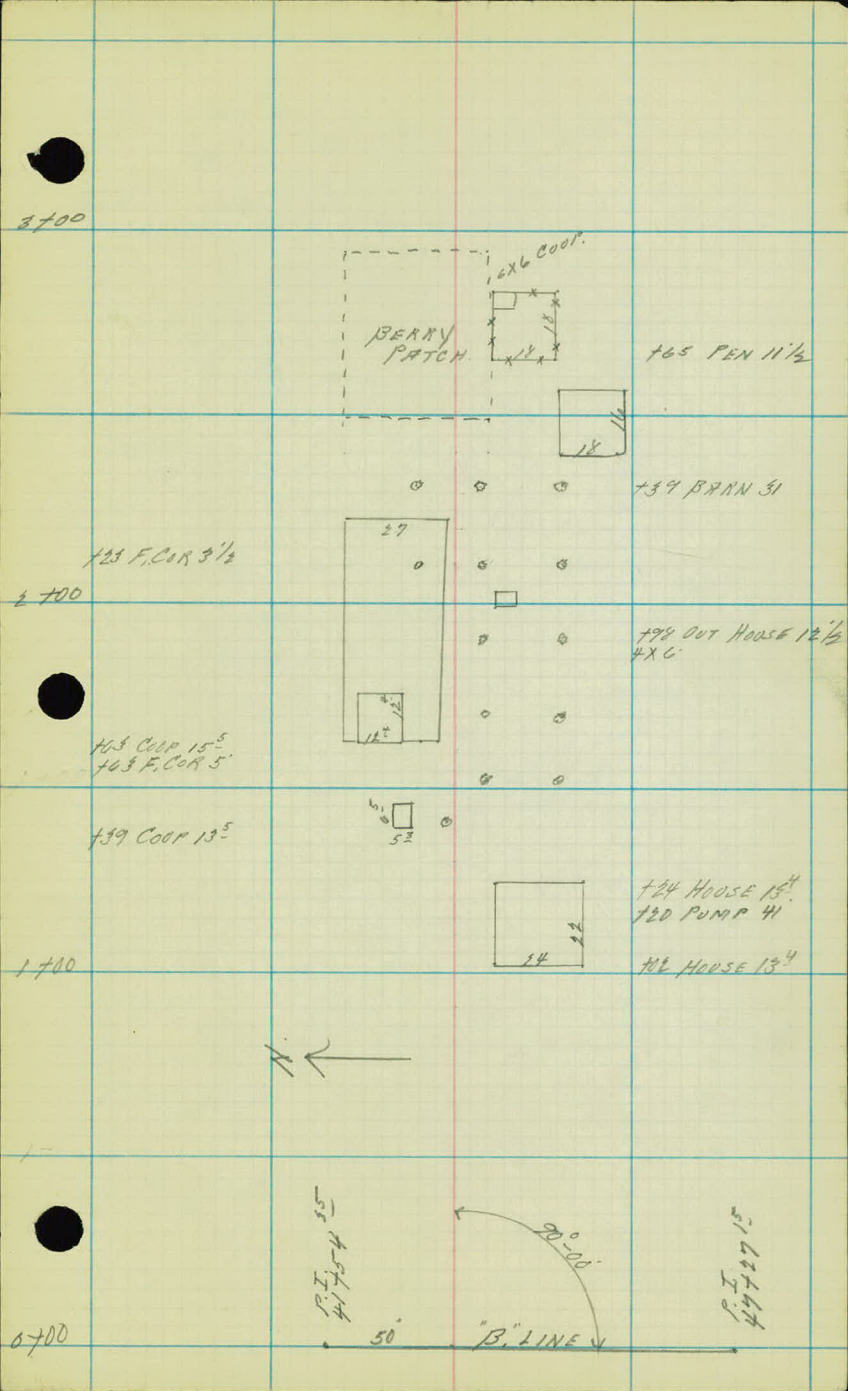
0+00 0+54 F. COR 2 L

0+12 F. COR 4 1/2 L


BASE LINE
12½ x 12½
6 x 18
12½
16
16
18
5½
6½
6¼ x 10
6½ x 9½
4
90° 00'
17
38
50+00
51+00
52+00


2+00
BASE LINE
+49 BARN 9
7'
16 1/2
20 5
BARN
18
48'
7
CHICKEN COOP
+31 BARN 9
1+00
+76 WIND MILL 39
90°-00'
51+00
52+00
53+00
0+00


2+00
BASE LINE
3
75
HOT BEDS
81
36
WATER TANK
+63 BARN 20
+45 BARN 19
1+00
90°00'
51+00
52+00
53+00
54+00
0+00


3700
2700
1700
0700
BERRY PATCH
16X6 COOP.
#65 PEN 11½
#39 BARN 31
#23 F.COOP 3½
#98 OUT HOUSE 12½ #X C.
#63 COOP 15.5
#63 F.COOP 5.
#39 COOP 13.5
#24 HOUSE 15.4
#20 PUMP 41
#12 HOUSE 13.4
N.
"B" LINE
50'
90°-00'

County Road "B" Proj. 29-15

7-1-29
O.R.V.K.
W.S.M.
M.W.C.

✓ 2+40 - P-24" B_3 x 60'.

✓ 2+25 to 2+60 - Cl. 33' wide. =0.03 ac

✱ Check drainage on Rt. from 6 to 2+20

✓ 4+00 - Lt. - No culv. req.

✓ 7+46 - Rt. - P-18" x 20' C.M.

✱ 9+00 to 7+50 - Check drainage on Rt

✓ 10+30 - Lt. - P-15" x 20' C.M.

✓ 19+54 - Lt. - P-18" x 20' C.M.

✓ 25 to 28 - Cl. + Gr. 25 T.

✓ 25+61 - Rt - No. culv. req.

✓ 25+96. Rt. " " " .

✓ 28+50 to 29+00 - Cl. 3 T.

✓ 28+80 - Rt. - 15" x 40' C.M.

✓ 32+00 - P-24" B_3 -

✓ Remove bank to Lt on west side of track

✱ Change grade at R.R. crossing.

✓ 39+50 Rt. + Lt. - No culv. req.

✓ 41+00 - 24" B_3 x

✓ 43+00 - Lt. - P-15" x 30' C.M.

✓ 43+20 - Rt. - P-15" x 20' C.M.

✓ 51+00 to 52 - Cl. + Gr. 2 T.

✓ 51+50 Rt. - P-15" x 20' C.M.

✓ 53+00 - Lt. - P-15" x 20' C.M.

✓ 53+45 - Rt. - No culv. req.

✓ 54+90 - Rt " " "

✓ 59+50 - P-24" P_3

✓ 60+10 - Rt & Lt P. - 2 - 15" X 30' C.M.

✓ 62+50 - 63+00 - Cl. & Gr. 2T.

✓ 64+27 - Rt - ~~P-15" X 20' C.M.~~ No culv. req.

✓ 64+27 - Lt, " " "

* 64+27 to 68 - Special ditch on Rt.

✓ 68+40 - P-24" P_3 - 54' Hi. D. ~~30~~ 24" Figure

✓ 78+00 - 79+00 - Cl. & Gr. 3T.

✓ 78+78 - P 15" X 20' - C.M. - Lt

✓ 79+25 - ~~Lt~~ - P-15" X 40' C.M.

✓ 79+00 - Remove culv.

✓ 79+50 - " "

✓ 83+85 - Rt. - Replace 12" x 20' from 79+50

✓ 84+00 - to 86+~~50~~ - Cl. & Gr. 9 T.

✓ 84+88 - Rt - No culv. req.

✓ 85+30 - Lt. - Remove & replace

✓ 85+33 - Rt. - Replace - 12' x 20' from 79+50

~~Remove & replace wood hdwl.~~

✓ 86+54 - Remove & replace. culv.

✓30 + 20 Rt - Rep. 12" x 18' from 3+30 C.M
✓30 + 30 Lt - Rep. 12" x 18' from 3+30 C.M
✓31 + 20 Lt. P. 12" x 20' CM
✓31 + 14 Rt. - No curb req
✓31 + 90 Rt - P. 12" x 20' C.M.
✓34 + 42 Rt - P. 12" x 20' CM
✓34 + 51 Rt "
✓35+39 - 35+60 - 36+30 - 37+04 Rt
No curb req
✓36+50 - 38+00 Cl. & Gr. 14 tr.
✓Reinf. all Guard rail
✓38+26 - Extend 12"x8'Lt. - 1 band
✓38+89 No. curb req
✓39+69 Rt - Reinf & Rep.
✓40+93 Lt - Reinf & Rep
✓41+20 Rt "
✓42+80 Rt "
✓43+00 - 43+50 - Cl. & Gr 7 tr
✓43+95 - Rt. - Reinf & Rep
✓45+36 - Rt - P. 12x20' CM
✓46+95 - 46+90 Rt. - No curb req.
✓46+00 - 47+00 Cl & Gr 8 tr
✓48+57 - P 12" x 20 CM
✓49+08 - P 12" x 20' CM
✓48+50 - 53+00 Cl. 25 Gr. 5

✓ 5-1+49 Rt - Rep - 12" x 20' C.M. 5-2+76 Rt.

✓ 5-2+33 Rt - Remv & Rep.

✓ 5-2+56 Lt - Remv. P. 24" C.M. 68

✓ 5-2+81 Rt - Remv & Rep.

✓ 5-3+09 Lt No cdv req

✓ 5-4+00 - 5-5+00 Cl. & Gr. 10 Tn.

✓ 5-5+00 - Rt - P 12" x 20' C.M.

✓ 5-5+22 Rt "

✓ 5-6+00 Rt. "

✓ 5-6+75 Rt Remv & Rep

✓ 5-6+00 - 5-7+00 Cl 5 Tn Gr 3 Tn.

✓ 5-9+00 - 60+00 C & G 1 Tn

✓ 61+00 - 64+00 Cl. 17 - Gr - 12

✓ 62+44 Rt Rep. 12" x 24' C.M. from 63+46

✓ 63+46 - Remove - P. 24" x 66' C.M.

Home Contest

BOX 207

new york

49.6
48
49.6
3
1

15
40
600
600
49.6
90
33

1372.6

6078.4
1372.6

4635.8