Notes Ck'd by	Survey of	F.B. 1847 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

PINE CN. RD. J.N. 0904.60
(R-1188)

5-34	Ties	Align. & Section Line Ties fr. Willow Springs Rd. to Goode Hill Rd.
35-38	C.L.	Curve data for C.L. stationing for new PI's 1 thru 10.
39-88A	B.M.	Goode Hill Rd. to San Francisquito Cn. Rd.
39-250	Elev.	Profile & X-Sections

Continued in F.B. 1861

Microfilmed Jan 87

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F.B. _____ PG. _____

COPIES TO

ANTELOPE VALLEY

(REGIONAL OFFICE)

pages 5 thru 34

Notes Ck'd by	Survey of Pine Cyn. Road
Map No.	W. O. 0904.60 Tape No. St'd. °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes W.S.C. Date 4-[illegible]
Date	Indexed

F. B. 1847 PG. 5

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PINE CYN. ROAD

NOTE: Add 200' to all Stationing to conform with Alignment Map & Profile Map

FB-1847

JN-0904.60

APRIL-54

Reference

Bench Levels Pg 39-89
X sections " 89-250

Party
W. S. Cowherd
C. Morrison
J. Terranova
R. Strader
J. Hunter

H.C. 50-19-1,263.
C.S.B- 2519-1,263

76F309S 247 2-51

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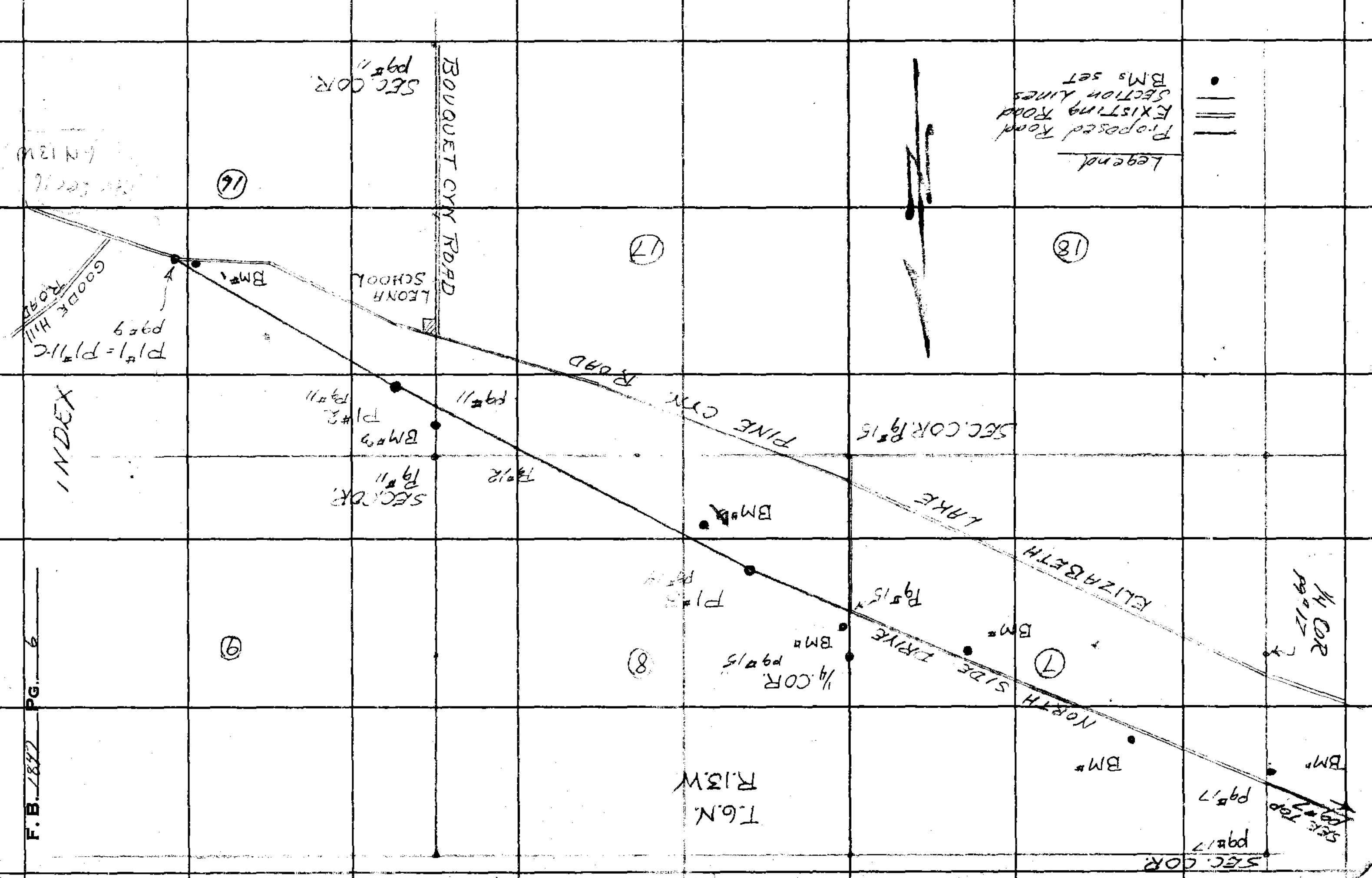
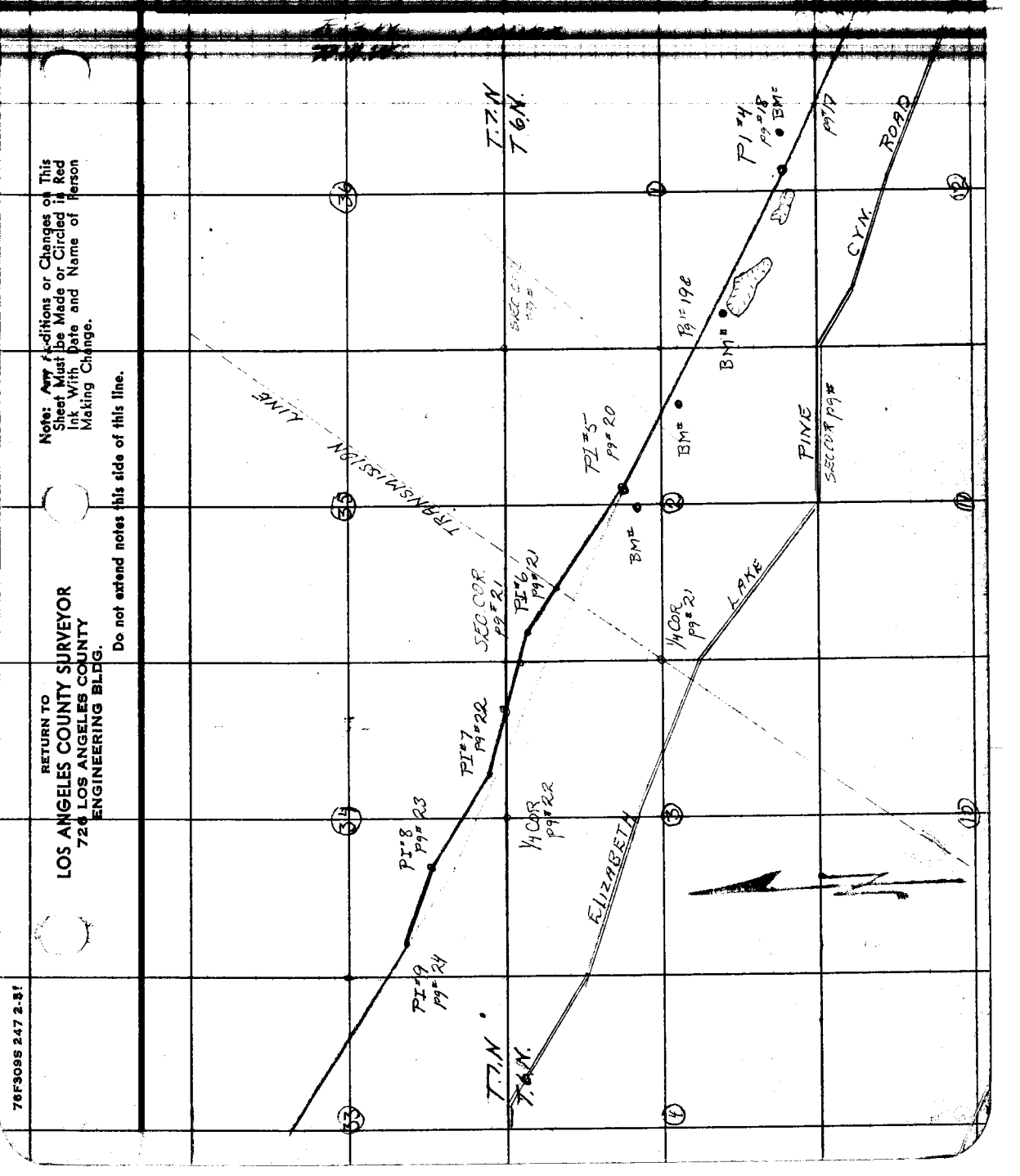
F. B. 1842 PG. 6



Notes Ck'd by	Survey of Pine Cyn Rd
Map No.	W. O. 80462 Tape No. St'd. °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes Date
Date	Indexed

F. B. 1822 PG. 7



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76F309S 247 2-51

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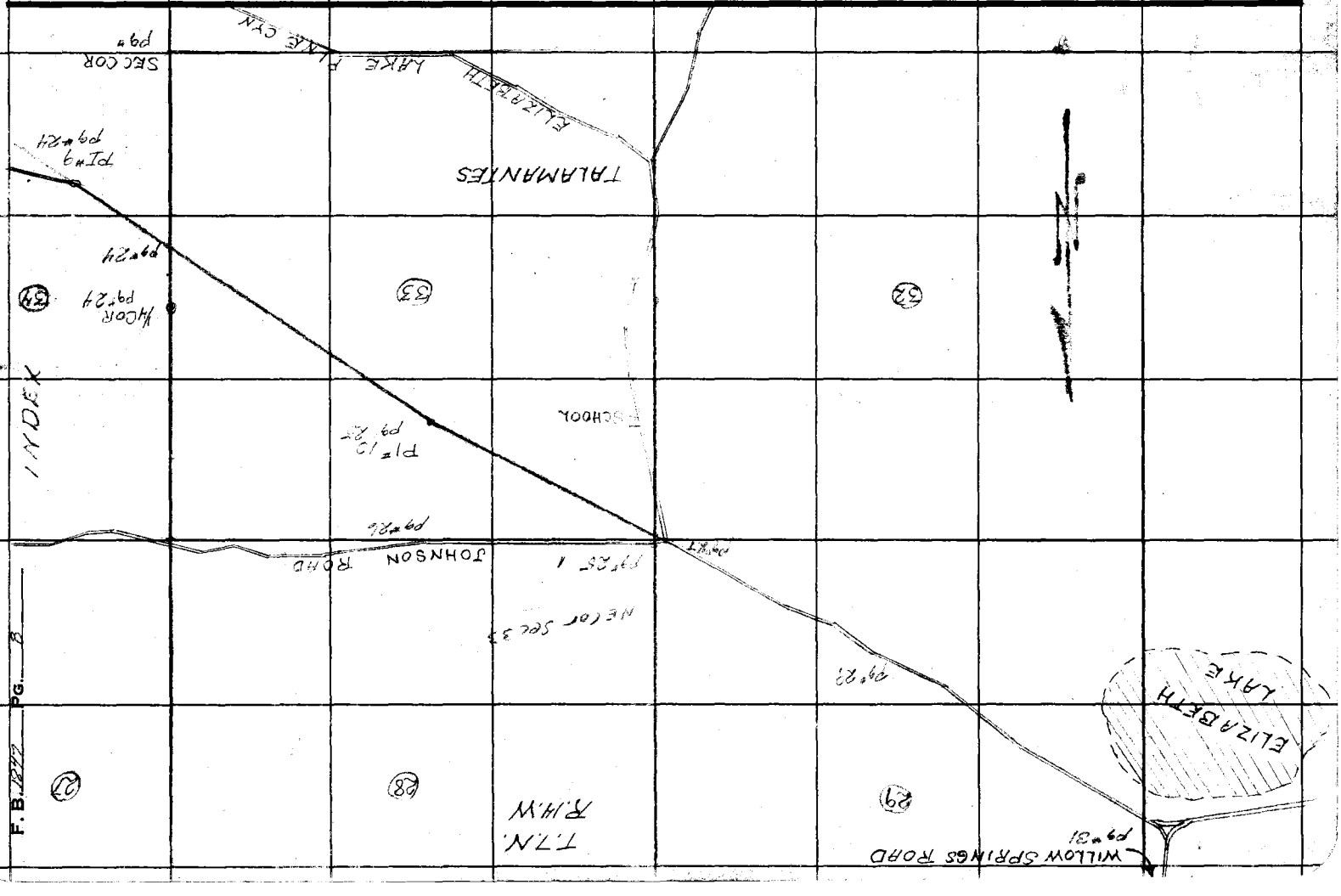
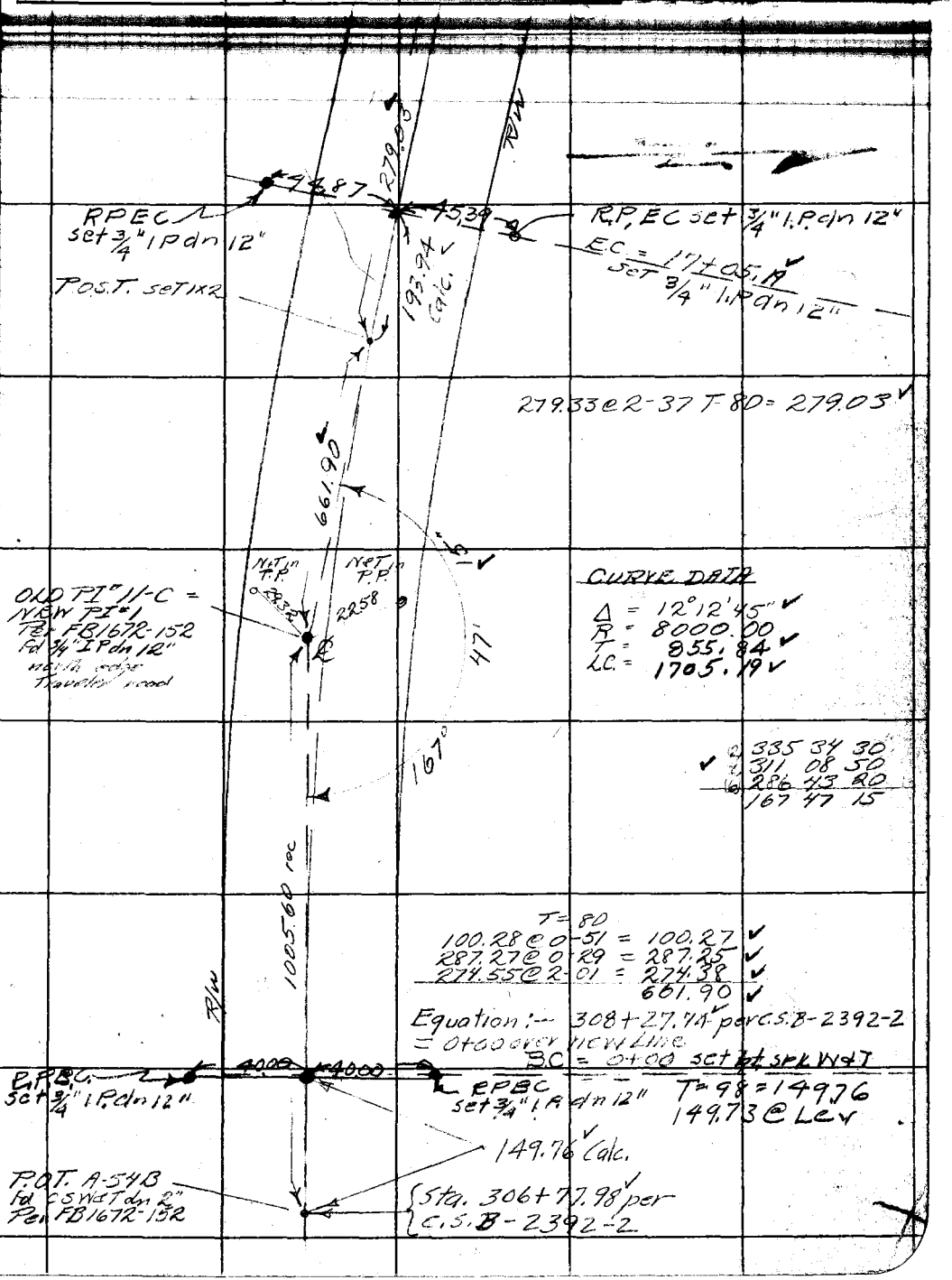


Notes Ck'd by [illegible]	[illegible] Cyn Rd
Map No. B-2519-1	W. O. [illegible] Tape No. 122 St'd. 84 °F
Office Work Wilson	Surveyed by W.S. Cowherd
Checked McPherson	Notes W.S.C. Date 4-20-54
Date [illegible]	Indexed

F. B. [illegible] PG. [illegible]

W.S. 64-



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76F309S 247 2-51

F. B. 1847 PG. 10

CONT BOT Pg # 11

277.69 ✓

R/W

278.86 @ 5-14 T78 = 277.69 ✓

P.O.T. - 32+69.67 ✓
SET 1X2

630.26 ✓

T = 78°

132.88 @ 1-55 = 132.80 ✓
295.54 @ 2-29 = 295.25 ✓
202.26 @ 1-10 = 202.21 ✓
630.26 ✓

P.O.T. - [illegible] ✓
[illegible]

849.13 ✓
N 52° 07' W [illegible]

T = 80°

285.66 @ 0-54 = 285.62 ✓
266.09 @ 2-23 = 265.85 ✓
297.91 @ 2-19 = 297.66 ✓
849.13 ✓

P.O.T. 17+90.28 ✓
SET 1X2

279.03 ✓

R/W

CONT FROM TOP Pg # 9

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Notes Ck'd by KBM
Map No. B-2519-1
Office Work Wilson
Checked McHuron
Date

Survey of True Line Rd
W. O. 0904-02 Tape No. 122 St'd. 24 °F
Surveyed by W.S. Cowbard
Notes W.S.C. Date
Indexed

F. B. Pg.

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76F309S 247 2-51

W.S.C.

16 54 45 40 16 5 49 00
9 07 35 60 58 10

Set 1x2 on proof

N61°15'

95.10

R/W

T=96°=44.93
44.92 @ Lev

E.C. = 47+30
Set 3/4" I.P.
R.P.E.C. Set 3/4" I.P. Fl.

74 55.96

44.93

R.P.E.C.
Set 3/4" I.P.

8.66 calc.

POST
Set 1x4

60°

58'

10"

90° 41' 45"

55.95 @ Lev
T=96=55.96

COUNTY SURVEYORS MONUMENT
R.13.W T.6.N
20 17 16
21 18 19

354.92

61°

90

SEC. COR
Fd C.S. Mon.
Mkd as shown
Per FB 429-12

Set 3/4" I.P.
by Inter
Flush

SEC. COR
Fd C.S. Mon
Mkd as shown
Per FB 429-8

COUNTY SURVEYORS MONUMENT
R.13.W. T.6.N.
17 8 9
20 16

TRUE SEC. LINE
S26°43' rec

274.91

PI #2
Set 3/4" IP
Flush in
sod/dir

53.20

R.P.'s PI
Set 3/4" IPs
on L 3/4" I.P.
up 2"

97.83

CURVE DATA

Δ = 9°07'35"
R = 8000.00
T = 638.49
L.C. = 1274.28

T=98=47.03
48.44 @ 13°55' = 47.02

94°33'34"

99.14 @ 9-16 T60 = 97.83
53.21 @ 0-0 T48 = 53.20

547.59

184.47 @ 4-44 T52 = 183.80
171.15 @ 0-0 T56 = 171.12
354.92

275.17 @ 2-15 T54 = 274.91

90.90
Calc.

POST
Set 1x4

T=78
0.33 @ 0-0 = 0.33
213.42 @ 8-31 = 211.06
245.29 @ 14-36 = 237.36
137.38 @ 15-32 = 132.35
38.80 @ 0-0 = 38.80
619.90

BC = 34+56.46
Set 3/4" I.P.

RPBC
Set 3/4" I.P. fl.

(2) 181 23 40
(4) 362 47 12
(6) 184 10 40
90 41 45

47.03

48.09

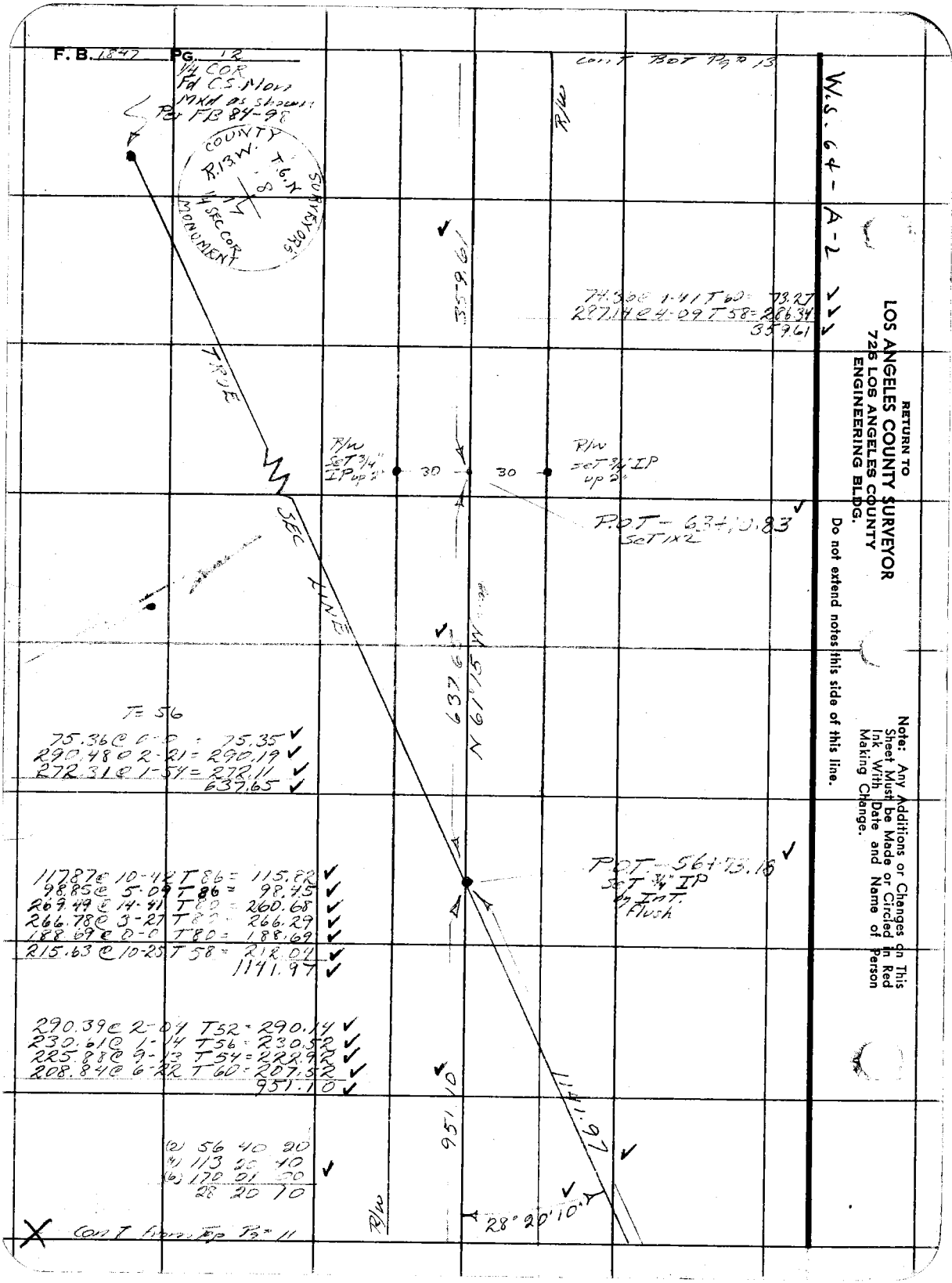
277.6

RPBC
Set 3/4" I.P. fl.

283.71 @ 1-35 T74 = 283.58
266.89 @ 8-24 T74 = 264.01
547.59

T=98=48.09
48.48 @ 7°24 = 48.08

Cont from Tap Pg 110



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Notes Ck'd by KRM	Survey of Pine Cyn Rd
Map No. B-2519-1	W. O. 0904.68 Tape No. 122 St'd. 84 °F
Office Work Wilson	Surveyed by W.S. Cowlard
Checked McPherson	Notes [illegible] Date [illegible]
Date [illegible]	Indexed

F. B. [illegible] PG. [illegible]

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731.07

T= 64

296.31 @ 9-33 = 292.16
140.91 @ 1-14 = 140.86
298.09 @ 0-0 = 298.05
731.07

P.O.T. - 80+70.92
Set 1x2
Top ridge

698.86

N 61°15 W

T= 64

25.51 @ 0-0 = 25.51
50.55 @ 19-13 = 47.72
296.81 @ 0-0 = 296.77
30.61 @ 0-0 = 30.61
298.29 @ 0-0 = 298.25
698.86

POT - 73+72.06
Set 1x2
Top ridge

701.62

T= 62

128.80 @ 20-20 = 120.75
297.57 @ 0-0 = 297.53
283.68 @ 2-38 = 283.34
701.62

P.O.T. - 66+70.44
Set 1x2
Top low ridge

359.61

Blw

Cont from Top Pg 13

76F3095 247 2-51

F. B. 1847 PG. 14

cont Bot Pg # 15

W.S. 64-A-2

T = 64
122.95 @ 0-0 = 122.93 ✓
149.62 @ 0-0 = 149.60 ✓
272.53

T = 64
129.85 @ 0-0 = 129.83 ✓
65.43 @ 0-0 = 65.42 ✓
188.81 @ 3-58 = 188.34 ✓
249.94 @ 0-0 = 249.91 ✓
633.50 ✓

T = 84°
174.44 @ Lev
73.76 @ Lev
248.20

248.20
N 66° 10' W mag.
272.53

RPEC set 3/4" I.P. fl.

RPEC set 3/4" I.P. fl.

45.36 45.32

POST. set 1x2

E.C. set 3/4" IP flush

24.33 Calc.

5°01'20"

633.50

4540 @ 322° = 45.32

T = 86
45.87 @ 831° = 45.36

RPs 3/4" IP up 1" set on L split

92.26 85.51 96.21 89.43

PI # 3 set 3/4" IP up 1" in flat

CURVE DATA
Δ = 5°01'20" ✓
R = 15,000.00
T = 657.83 ✓
L = 1314.81 ✓

(2) 10 02 40
(4) 20 05 20
(6) 30 07 00
5 01 20 ✓

4551 @ Lev T = 90° = 45.52

604.84

T = 94° = 44.93
45.38 @ 811° = 44.92

91.29 @ 11-34 T 66 = 89.43 ✓
98.70 @ 12-53 T 66 = 96.21 ✓

B.C. = 87+49.00 ✓
set 3/4" IP fl.

BC set 3/4" IP flush

45.52 44.93

P.O.S.T. Set 1x2

52.99 Calc.

RPBC set 3/4" IP fl.

86.46 @ 8-27 T 66 = 85.51 ✓
93.11 @ 7-41 T 66 = 92.26 ✓
207.92 @ 0-0 T 62 = 207.89 ✓
296.19 @ 2-36 T 64 = 295.84 ✓
101.12 @ 0-0 T 64 = 101.11 ✓
604.84 ✓

N 61° 15' W mag.
731.07

R/W

cont from Top Pg # 13

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Notes Ck'd by: VRM
Map No. B-2519-1
Office W.O. McPherson
Checked: Wilson
Date:

Survey of: Pine Cyn Rd
W.O. Map Tape No. 122 St'd. 84 °F
Surveyed by: W.J. Cox
Notes: 115 C Date: 4-29-54
Indexed:

F. B. 54 Pg.

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76F3095 247 2-51

W.S. 64

T.58 = 601.80
300.09 @ 0-0 T.58 = 300.09
166.29 T.58 = 166.29
922.25

86.24 @ 0-0 T.56 = 86.22
265.55 @ 4-01 T.58 = 264.86
297.71 @ 3-42 T.60 = 297.04
648.12

T = 80
1.28 @ 0-0 = 1.28
245.21 @ 4-17 = 244.52
211.12 @ 4-34 = 210.44
456.24

T = 80
72.84 @ 6-45 = 72.34
292.59 @ 4-44 = 291.58
250.13 @ 4-00 = 249.51
271.48 @ 4-00 = 270.81
884.24

922.23

NORTH SIDE DR
40 Rd. Per Tract #5148

648.12

30 30

R.P. Set 3/4" IP Flush

R.P. Set 3/4" IP Flush

T.O.T. - 109+92.64 - Set Stip spk X/Tin dn 1"

R.13.W. T.6.N. 7 8 18 11 COUNTY SURVEYORS MONUMENT

67° 08' 20"

1/4 COR. Fd C.S. Mon Mkd as shown Per FB 139-47

103+14.52 P.O.T. Set 3/4" IP dn 12" by inter.

SEC COR Fd C.S. Mon Mkd as shown dn 06" Per FB 139-45

456.24

TRUE SEC LINE

30

112.16

32.51

884.24

21.71

Fd 2" IP N.E. cor of North Side Drive & Palomas ST. Per Tract #5148 Sheet 4 (no plug or nail in pipe) 8" up

P.O.T. 103+12.01 Fd 2" IP plug + nail flush. Looks as old as other Tract cors. on ℄

Fd 2" IP plug & nail 8" up Tract Cor.

246.20 N66°10'W 272.53

21.71 @ 0-0 T60 = 21.71

32.52 @ 0-0 T60 = 32.51

224	33	30	134	16	40
89	06	00	268	33	20
313	39	00	43	50	00
112	16	30	67	08	20

Tell T from Top Pg. 14

cont Bot Pg # 17

T = 52°

158.77 @ 0-0 = 158.74 ✓
108.67 @ 0-0 = 108.65 ✓
144.88 @ 0-0 = 144.85 ✓
412.24 ✓

412.24

R.P. set 3/4" IP up 1" — 30 — 30 — R.P. set 3/4" IP up 1"

P.O.T. - 155+88.39 ✓
set ship spk 1/4 in dn 1"

151.54 @ 0-0 T 52 = 151.51 ✓
190.04 @ 0-0 T 52 = 190.00 ✓
258.84 @ 3-00 T 52 = 258.44 ✓
223.98 @ 4-01 T 50 = 223.38 ✓
192.71 @ 0-0 T 50 = 192.67 ✓
256.59 @ 4-0 T 52 = 255.91 ✓
142.68 @ 0-0 T 52 = 142.65 ✓
224.07 @ 0-0 T 52 = 224.02 ✓
1638.58 ✓

1638.58
N 66°10' W

R.P. set 3/4" IP up 1" — 30 — 30 — R.P. set 3/4" IP up 1"

P.O.T. 139+49.81 ✓
set ship spk 1/4 in dn 1"

2034.92
℄ NORTH SIDE DRIVE

132.77 @ 0-0 T 52 = 132.74 ✓
235.03 @ 4-22 T 52 = 234.30 ✓
215.60 @ 0-0 T 52 = 215.56 ✓
205.63 @ 2-45 T 52 = 205.35 ✓
123.82 @ 0-0 T 52 = 123.79 ✓
210.97 @ 0-0 T 52 = 210.93 ✓
197.78 @ 2-02 T 52 = 197.62 ✓
144.29 @ 0-0 T 56 = 144.26 ✓
199.69 @ 3-00 T 56 = 199.38 ✓
200.38 @ 1-49 T 56 = 200.24 ✓
170.78 @ 0-0 T 54 = 170.75 ✓
2034.92 ✓

R.P. set 3/4" IP up 1" — 30 — 30 — R.P. set 3/4" IP up 1"

P.O.T. - 119+14.89 ✓
set ship spk 1/4 in dn 1"

922.25

cont from Top Pg # 15

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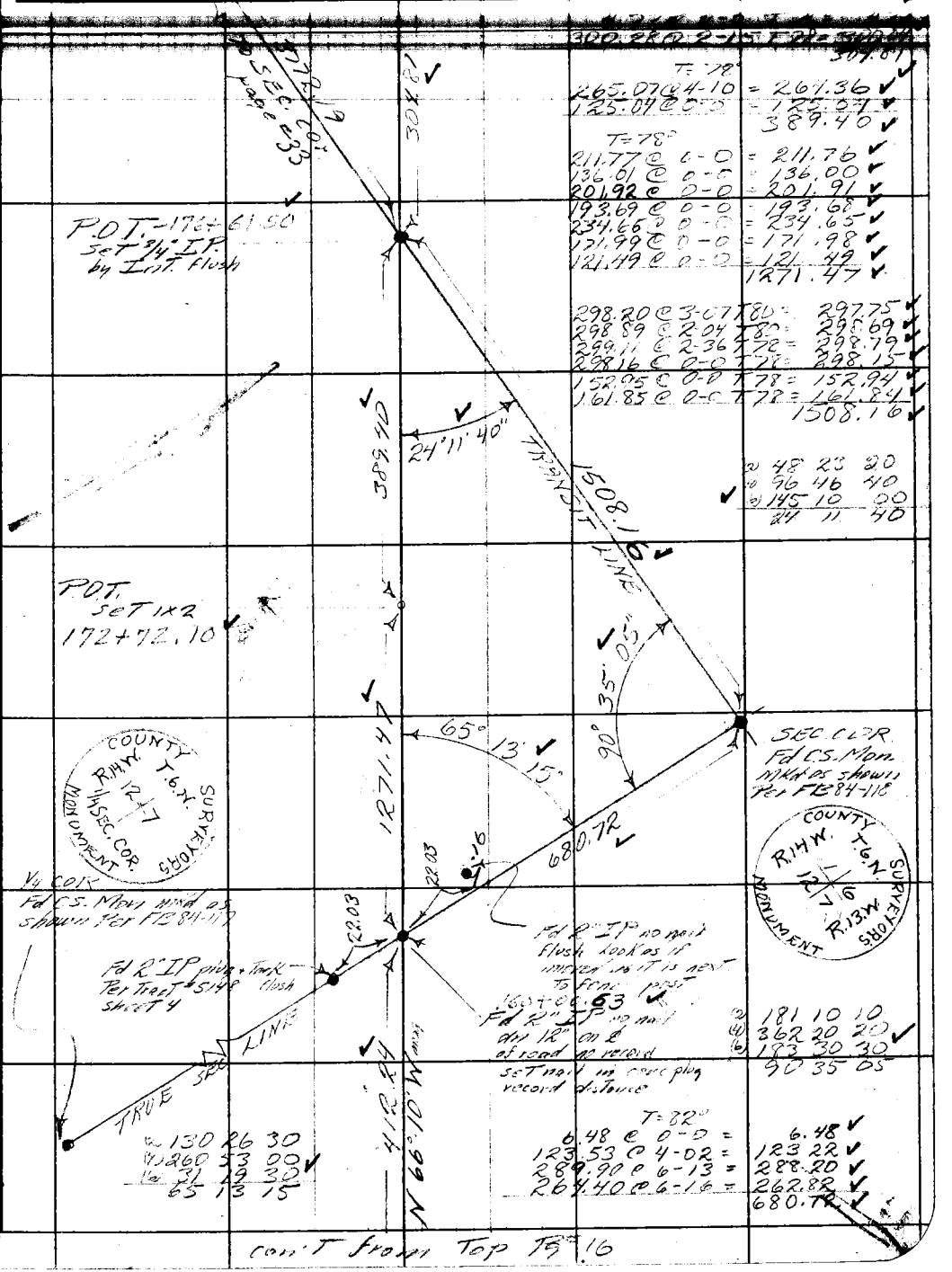
Map No. B-2519(1&2)	W. O. 090460 Tape No. 182 St'd. 24 °F
Office Work Wilson	Surveyed by [illegible]
Checked McPherson	Notes [illegible] Date 5 [illegible]
Date [illegible]	Indexed

F. B. _____ PG. 17



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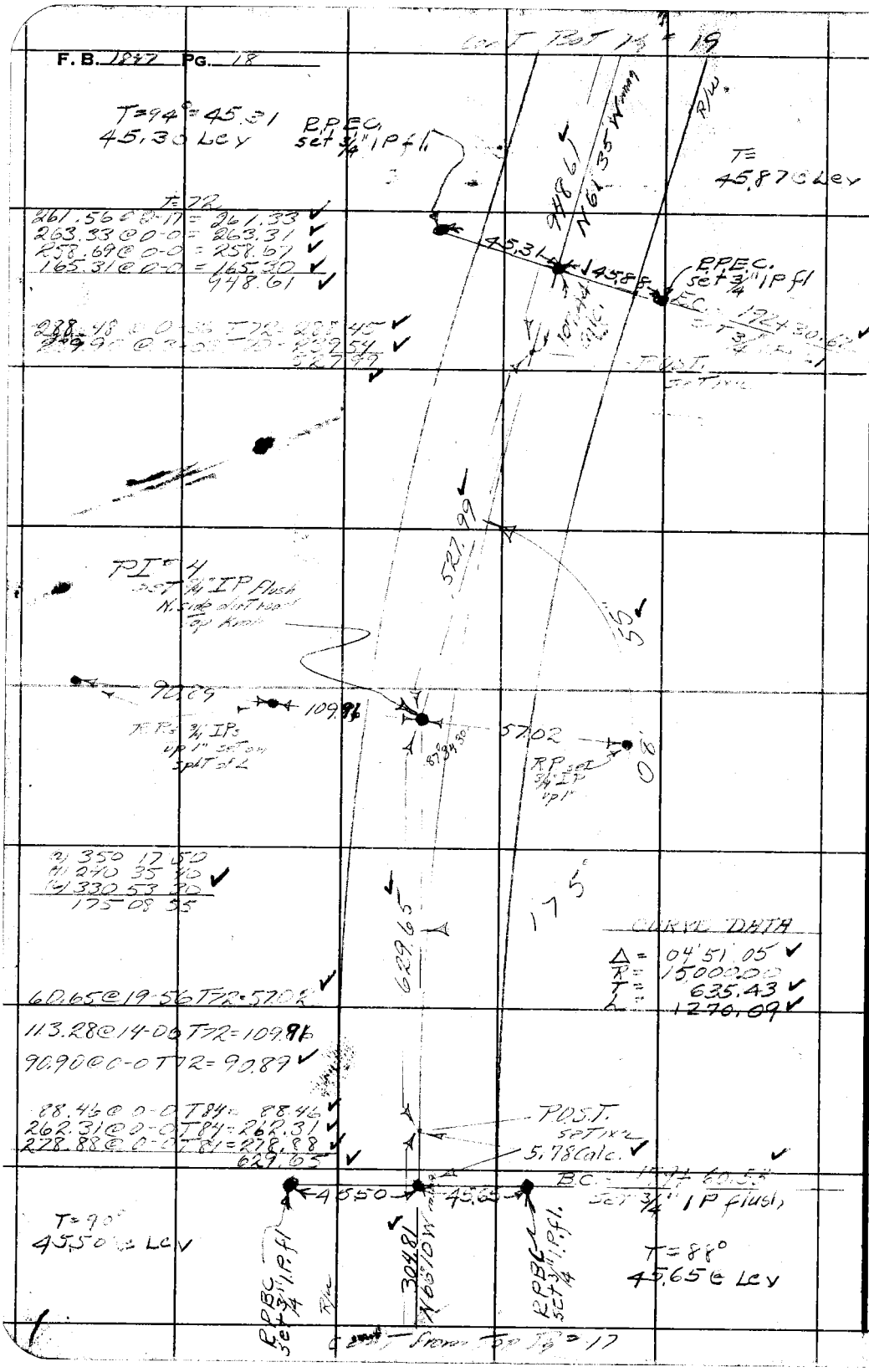
76F3098 247 2-51



W.S. 78-D-1

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Notes Ck'd by K.R.M.	Survey of Pine Cyn Rd	F. B. ____ PG. ____
Map No. B-2509-2	W. O. 090460 Tape No. 122 St'd. 84 °F	
Office Work Wilson	Surveyed by W. S. Cowherd	
Checked McPherson	Notes W.S.C. Date ____	
Date ____	Indexed ____	

T-78°

110.98 @ 2-18 = 110.89 ✓
292.20 @ 4-18 = 287.35 ✓
292.04 @ 3-17 = 296.54 ✓
704.78 ✓

255.67 @ 9-27 T70 = 252.18 ✓

POT - 222+49.81 ✓
set 3/4" IP
up 1" Top spur

118 50 00
237 39 50
356 29 30 ✓
59 24 55

219+97.63 ✓
Inter ℄ &
Transit Line
set 1x2

△ PT-C-
set 1x2 Top spur
pg # 34

644.63 ✓

Transit Line
see pg # 34

59° 24' 55"

858.47 ✓

T=70°

272.15 @ 13-07 = 265.03 ✓
84.55 @ 0-0 = 84.54 ✓
295.70 @ 3-40 = 295.06 ✓
644.63 ✓

P.O.T. - 211+39.16 ✓
Set 3/4" IP flush

T-78°

26.24 @ 0-0 = 26.24 ✓
44.72 @ 0-0 = 44.72 ✓
290.20 @ 2-12 = 289.98 ✓
174.60 @ 3-38 = 174.24 ✓
227.86 @ 0-0 = 227.85 ✓
95.44 @ 0-0 = 95.44 ✓
858.47 ✓

1067.37 ✓
N 61° 35' W mag

R.P. set 3/4" IP
up 1"

50' 50'

R.P. set 3/4" IP
up 1"

P.O.T. - 200+71.79 ✓
set 3/4" IP up 1"

188.42 @ 1-28 T76 = 188.35 ✓
216.44 @ 3-12 T78 = 216.09 ✓
151.65 @ 5-09 T78 = 151.03 ✓
296.23 @ 3-11 T74 = 295.75 ✓
216.29 @ 1-56 T72 = 216.15 ✓
1067.37 ✓

948.61 ✓

cont from Top Pg # 18

X

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76F309S 247 2-51

F. B. 1847 PG. 20

T=86° = 50.40
50.39 @ Lev

12087 @ 4-03 T80 = 120.57
80.39 @ 3-14 T80 = 80.26
118.59 @ 0-0 T80 = 118.59

4540 @ Lev
T' = 86° = 45.41

EPEC set 3/4" IP fl
POST set tree

5040
4541
N 57-15 W
1113.87

EPEC set 3/4" IP fl
E.C. = 257+09.90
set 3/4" IP fl.
1.33 Calc

2 351 80 00
4 3 R 40 00
4 334 00 00
175 40 00

2 176 36 00
4 35 R 56 00
88 14 00

PI # 5
set 3/4" IP up 1" Top of saddle or divide

566.17
88 14 00

RP set 3/4" IP up 1"

118.59
80.26
120.57
RP set 3/4" IP up 1"

40'

CURVE DATA
Δ = 04° 20' 00"
R = 1800.00
L = 134.46

175'

T = 84°
65.56 @ 9°53' = 64.59

T = 84°
65.60 @ 15 @ 4 = 63.09

688.18

EPBC set 3/4" IP fl.
64.59
63.09
B.C. = 257+23.50
set 3/4" I.P. fl.
120.68 Calc

P.O.T. - 228+54.84
set tree
Top spur

T = 70°
237.57 @ 1-37 = 237.46
176.85 @ 0-0 = 176.85
272.10 @ 1-44 = 272.95
256.65 @ 1-58 = 256.48
170.28 @ 2-0 1 = 170.15
1113.87

T = 70°
270.26 @ 0-56 = 270.20
296.22 @ 2-11 = 295.97
566.17

63.21 @ 0-0 T80 = 63.21
168.71 @ 12-41 T84 = 164.59
297.72 @ 0-0 T84 = 297.72
162.66 @ 0-0 T82 = 162.66
688.18

900.25
N 61-35 W

P.O.T. - 229+54.59
set 3/4" IP

RP set 3/4" IP up 1"
55'
50'

RP set 3/4" IP up 1"

T-2R'
298.98 @ 10-00 = 295.81
299.57 @ 3-44 = 298.93
169.34 @ 0-0 = 169.31
226.26 @ 1-18 = 226.20
900.25

704.78

W.S. 78 + D-1

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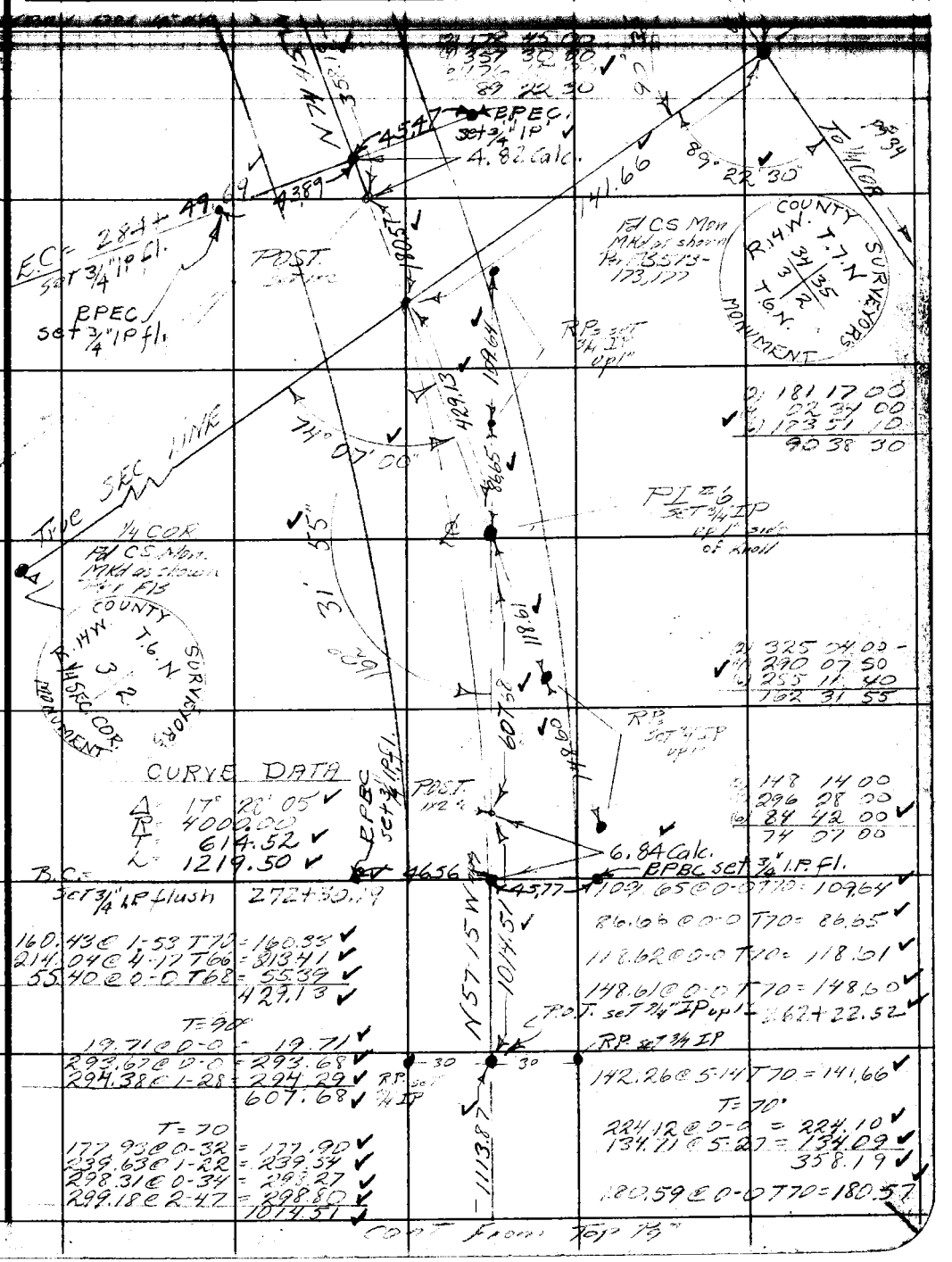
Notes Ck'd by KRM	Survey of Pine Cyn Rd
Map No. B-2519-2&3	W. O. 20460 Tape No. 122 St'd. 84 °F
Office Work Wilson	Surveyed by W. S. Cowman
Checked McPherson	Notes W.S.C. Date 3
Date Mar 55	Indexed

F. B. _____ PG. 2

W.S. 28 - 1



CURVE DATA

Δ = 17° 28' 05"
R = 4000.00
T = 614.52
L = 1219.50

B.C. set 3/4" I.P. flush 272+30.19

160.43 @ 1-53 T70 = 160.33
214.04 @ 4-17 T66 = 213.41
55.40 @ 0-0 T68 = 55.39
429.13

T = 90°
19.71 @ 0-0 = 19.71
293.67 @ 0-0 = 293.68
294.38 @ 1-28 = 294.29
607.68

T = 70
177.93 @ 0-32 = 177.90
239.63 @ 1-22 = 239.54
298.31 @ 0-34 = 298.27
299.18 @ 2-47 = 298.80
1014.51

(2) 181 17 00
(1) 02 34 00
(6) 183 51 10
90 38 30

(2) 325 04 00
(1) 290 07 50
(6) 255 11 40
162 31 55

(2) 148 14 00
(1) 296 28 00
(6) 84 42 00
74 07 00

109.65 @ 0-0 T70 = 109.64
86.66 @ 0-0 T70 = 86.65
118.62 @ 0-0 T70 = 118.61
148.61 @ 0-0 T70 = 148.60
262+22.52
142.26 @ 5-14 T70 = 141.66

T = 70°
224.12 @ 0-0 = 224.10
134.71 @ 5-27 = 134.09
358.19

180.59 @ 0-0 T70 = 180.57

Cont from Top Pg

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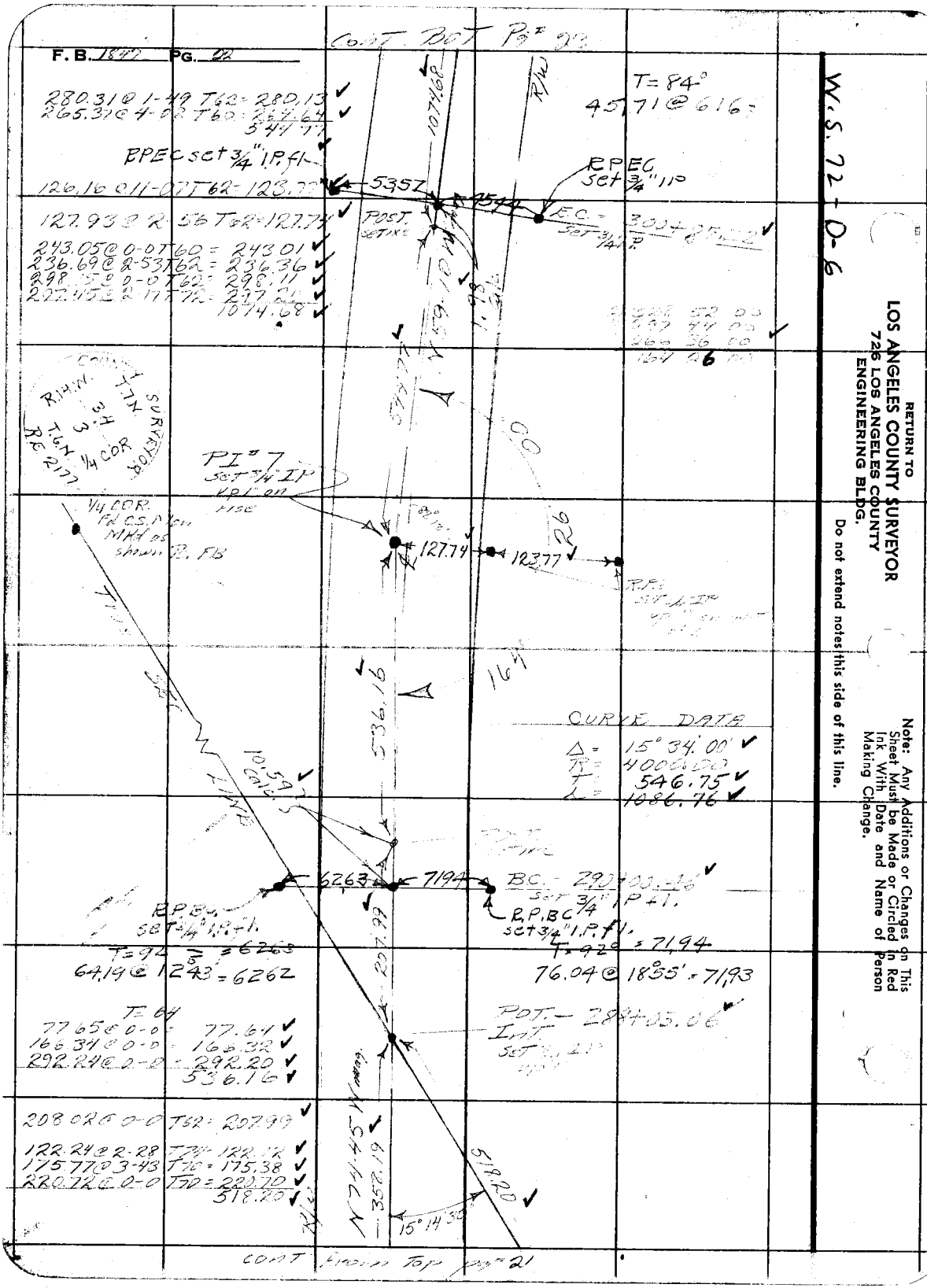
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51



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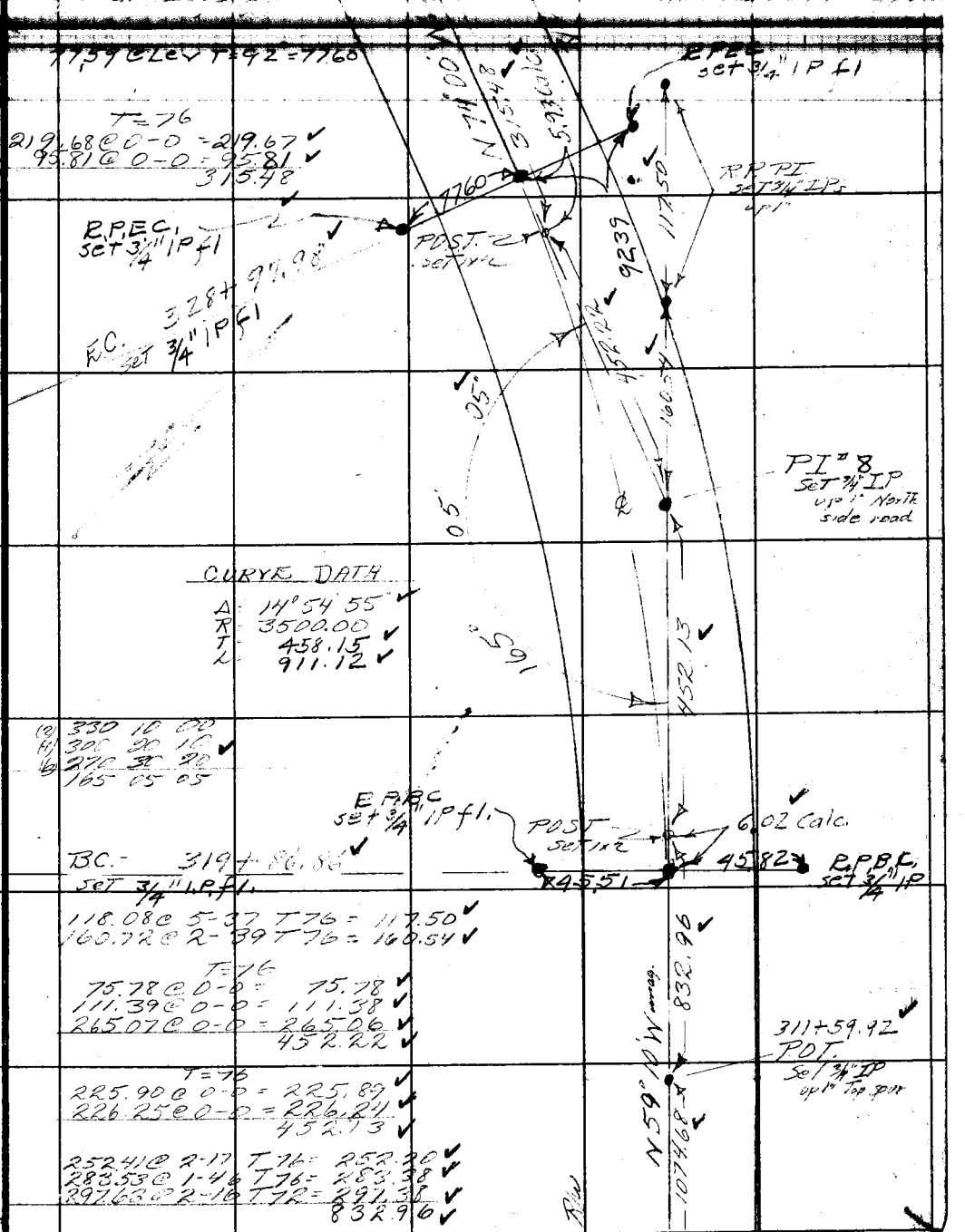
Notes Ck'd by KRM	Survey of The [illegible]
Map No. B-2519-3	W. O. 090466 Tape No. 122 St'd. 84 °F
Office Work Wilson	Surveyed by W. S. Cowan
Checked McPherson	Notes W. S. C. Date 6-9-[illegible]
Date Mar. '55	Indexed B. C. Johnson

F. B. [illegible] PG. [illegible]

W.S. 72-[illegible]-6



Cont from Top Pg # 22

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726 LOS ANGELES COUNTY
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76F3095 247 2-51

F. B. 1892 PG. 29

Cont from Bot Pg 25

(a) 113 42 46
(b) 282 35 26
(c) 341 22 02
56 53 50

T = 50°

Ball 38.00 Inter Tru Sec Line & set 3/4 IP Stsh

126.63 @ 0-0 = 126.60
247.29 @ 3-23 = 246.81
266.38 @ 0-0 = 266.32
113.48 @ 0-0 = 113.45
139.54 @ 0-0 = 139.51
173.08 @ 1-02 = 173.01
1065.70

106.56 @ 1-30 T50 = 106.52

100.56 @ 1-38 T 78 = 99.67
298.84 @ 8-20 T 78 = 297.37
2.96 @ 2-12 T 22 = 2.96
398.30

T = 50

174.91 @ 3-56 = 174.46
208.37 @ 2-11 = 208.17
382.63

T = 60 =
52.67 @ Lev

PI #9
Set 3/4 IP
Stsh side road

RPEC
Set 3/4" IP

Rw

1065.70

56° 53' 50"

Fd C.S. Mon Mkd as shown Per F13573-152

TRUE SEC LINE

398.30

Fd 1/4 Cor Mkd as shown Per F13573-150

1/4 COR.

83.85

P.O.S. Setting

X2

RPEC
Set 3/4" IP

T = 60° = 83.85

85 68 @ 1150' = 83.86

Rw

76.38

117.50

RPEC
Set 3/4" IP

148.56

CURVE DATA

Δ 17 02 15
R 3000.00
T 449.36
L 892.08

T = 92°
59.57 @ Lev

Set 1x2 on Prod

17°02'15"

P.O.S. Setting

59.58

59.90

RPBC
Set 3/4" I.P. fl

B.C. = 332+36.73
Set 1x2

T = 92 = 59.90
59.89 @ Lev

(a) 34 09 30
(b) 68 09 00
(c) 102 13 30
17 02 15

RPBC
Set 3/4" IP fl

127.54 @ 22.51 T50 = 127.50

78.18 @ 12.14 T50 = 76.38

108.05 @ 2-38 T50 = 107.92
191.33 @ 2-20 T50 = 191.13
149.52 @ 0-07 T76 = 149.51
448.56

315.48

N 74 00 W

Rw

Cont from Top Pg 23

W.6, 72-C-6

COUNTY SURVEYOR
R.14W. T.1.N
28 27
33 34
RE 177

COUNTY SURVEYOR
R.14W. T.1.N
33 34
1/4 COR.
RE 177

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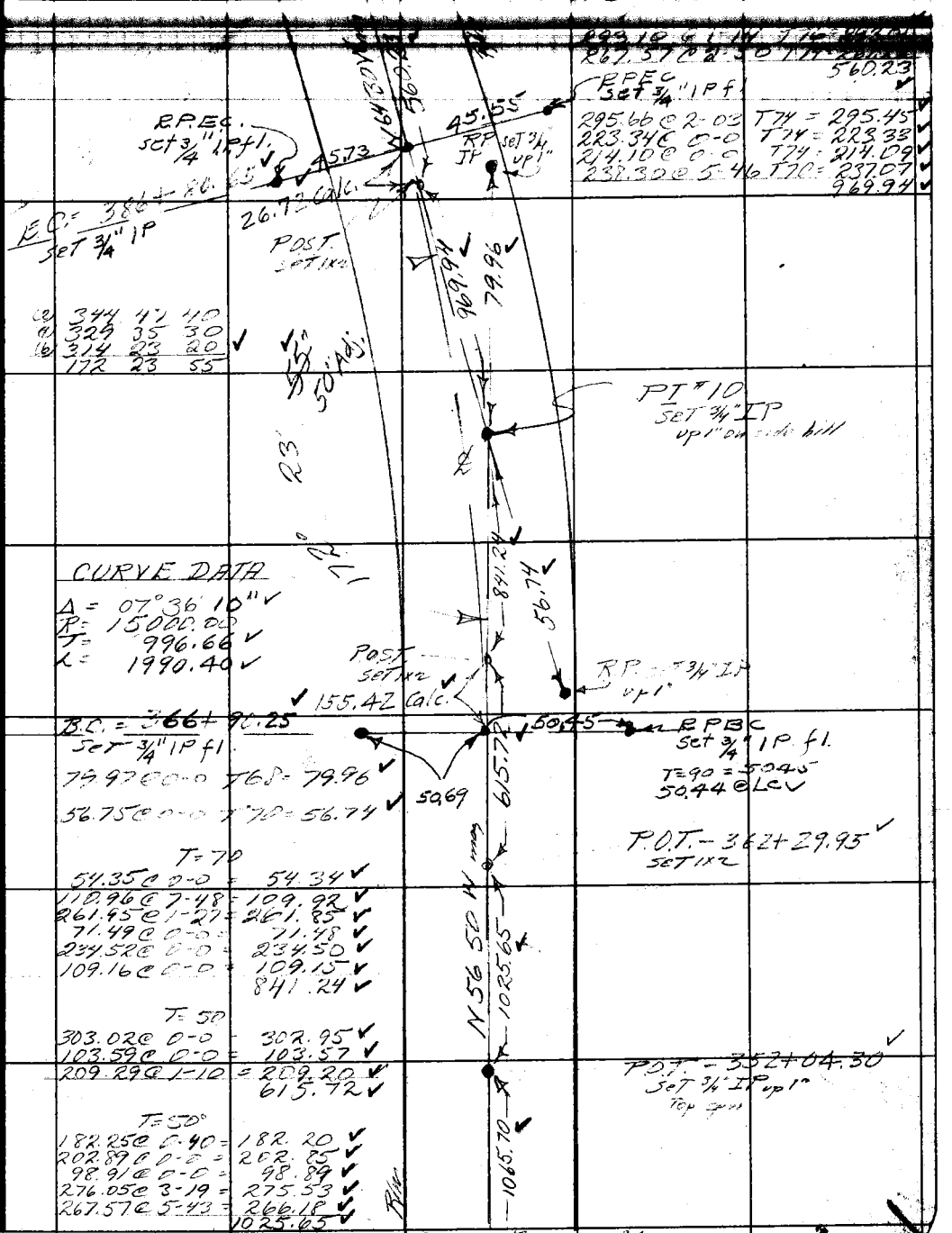
Notes Ck'd by KRM	Survey of Pine Can Rd
Map No. B-2519-3	W. O. 0[illegible] Tape No. 182 St'd 84 °F
Office Work Wilson	Surveyed by [illegible]
Checked McPherson	Notes [illegible] Date [illegible]
Date [illegible]	Indexed

F. B. [illegible] PG. [illegible]

W.S. 72 C-5



(a) 344 47 40
(b) 329 35 30
(c) 314 23 20
172 23 55

CURVE DATA

Δ = 07°36'10"
R = 15000.00
T = 996.66
L = 1990.40

T=70
54.35 @ 0-0 = 54.34
110.96 @ 7-48 = 109.92
261.95 @ 1-27 = 261.85
71.49 @ 0-0 = 71.48
234.52 @ 0-0 = 234.50
109.16 @ 0-0 = 109.15
841.24

T=50
303.02 @ 0-0 = 302.95
103.59 @ 0-0 = 103.57
209.29 @ 1-10 = 209.20
615.72

T=50°
182.25 @ 0-40 = 182.20
202.89 @ 0-0 = 202.85
98.91 @ 0-0 = 98.89
276.05 @ 3-19 = 275.53
267.57 @ 5-43 = 266.18
1025.65

Cont from Top page 24

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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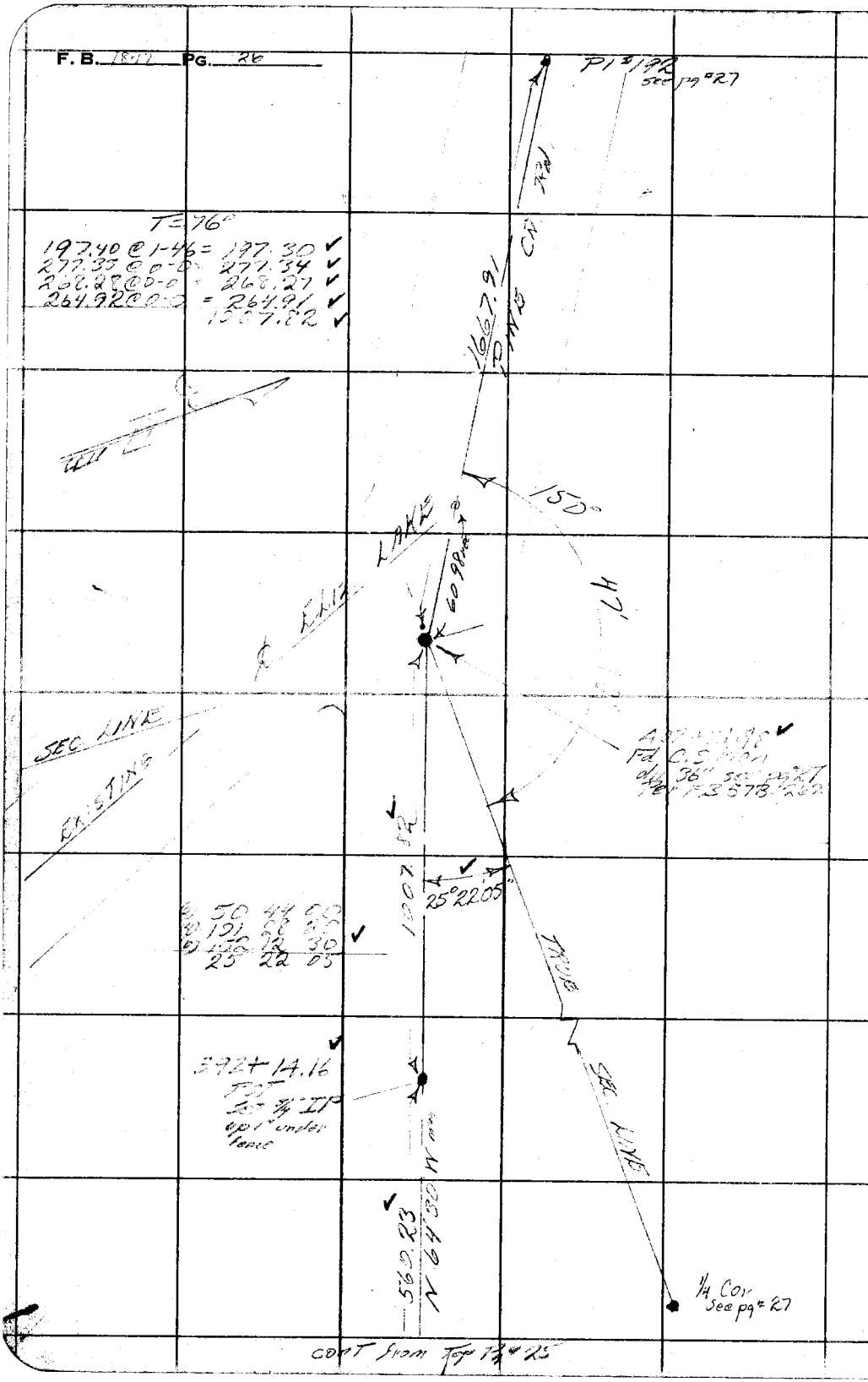
76F3095 247 2-51

F. B. 1847 PG. 26



W.S. 72-C-5

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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CONT from Top Pg #25

Notes Ck'd by KRM	Survey of Pine Cyn Rd
Map No.	W. O. 090463 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowhead
Checked	Notes W.S.C. Date 5-2[illegible]
Date	Indexed

F. B. [illegible] PG. 27

W.S. 7[illegible]-5

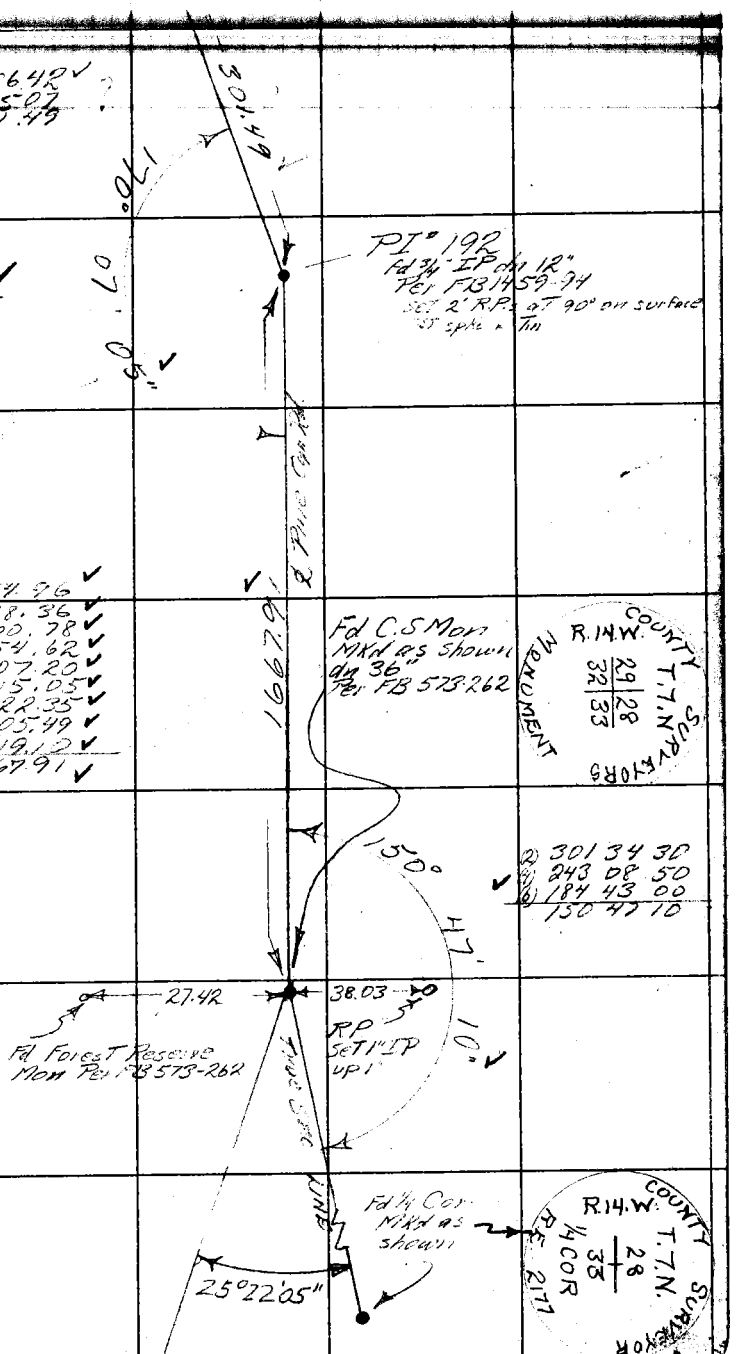
T74

206.43 @ 0-0 = 206.42 ✓
~~90.08~~ @ 0-0 = 95.07
301.49

(2) 340 14 10
(4) 320 28 20 ✓
(6) 300 42 30
170 07 05

T = 74°

54.96 @ 0-0 = 54.96 ✓
188.37 @ 0-0 = 188.36 ✓
200.79 @ 0-0 = 200.78 ✓
154.63 @ 0-0 = 154.62 ✓
207.21 @ 0-0 = 207.20 ✓
215.06 @ 0-0 = 215.05 ✓
222.36 @ 0-0 = 222.35 ✓
205.50 @ 0-0 = 205.49 ✓
219.11 @ 0-0 = 219.12 ✓
1667.91 ✓



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F. B. 1847 PG. 28

con't Bot Pg # 29

248.14 00-0 T94 = 248.16 ✓

(2) 305 30 00
(4) 250 59 50
(6) 196 29 40
152 45 00 ✓

SPK x Tin in 2' Willow

13.66

PI # 195
Fd cut spk dn 12"
replaced with 3/4"
I.P. dn 12"

18.45

BT SPK x Tin
Double 30" Willow

222.73 00-0 T94 = 222.74 ✓

(2) 310 53 20
(4) 261 46 40
(6) 212 40 00 ✓
155 26 40

PI # 194
Fd 3/4" IP
dn 10'
FB 1459-95

79.47 00-0 = 79.47 ✓
263.74 00-0 = 263.73 ✓
256.92 00-0 = 256.91 ✓
600.11 ✓

BT SPK x Tin

1.52

PI # 193
Fd old cut spk x N
dn 12" replaced
with 3/4" I P dn 12"
FB 1459-95

1.48

BT SPK x Tin

(2) 325 01 00
(4) 290 02 00
(6) 255 02 50 ✓
162 30 30

248.16

45° 00'

152°

222.74

40'

26'

155

600.11

30'

30'

162°

301.49

con't from Top Pg # 27

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by KRM	Survey of Pine Cyn Rd	F. B. ___ PG. ___
Map No.	W. 0090460 Tape No. 122 St'd. 24 °F	
Office Work	Surveyed by W. C. Cowlin	
Checked	Notes W.C.C. Date 5-8-[illegible]	
Date	Indexed	

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RETURN TO
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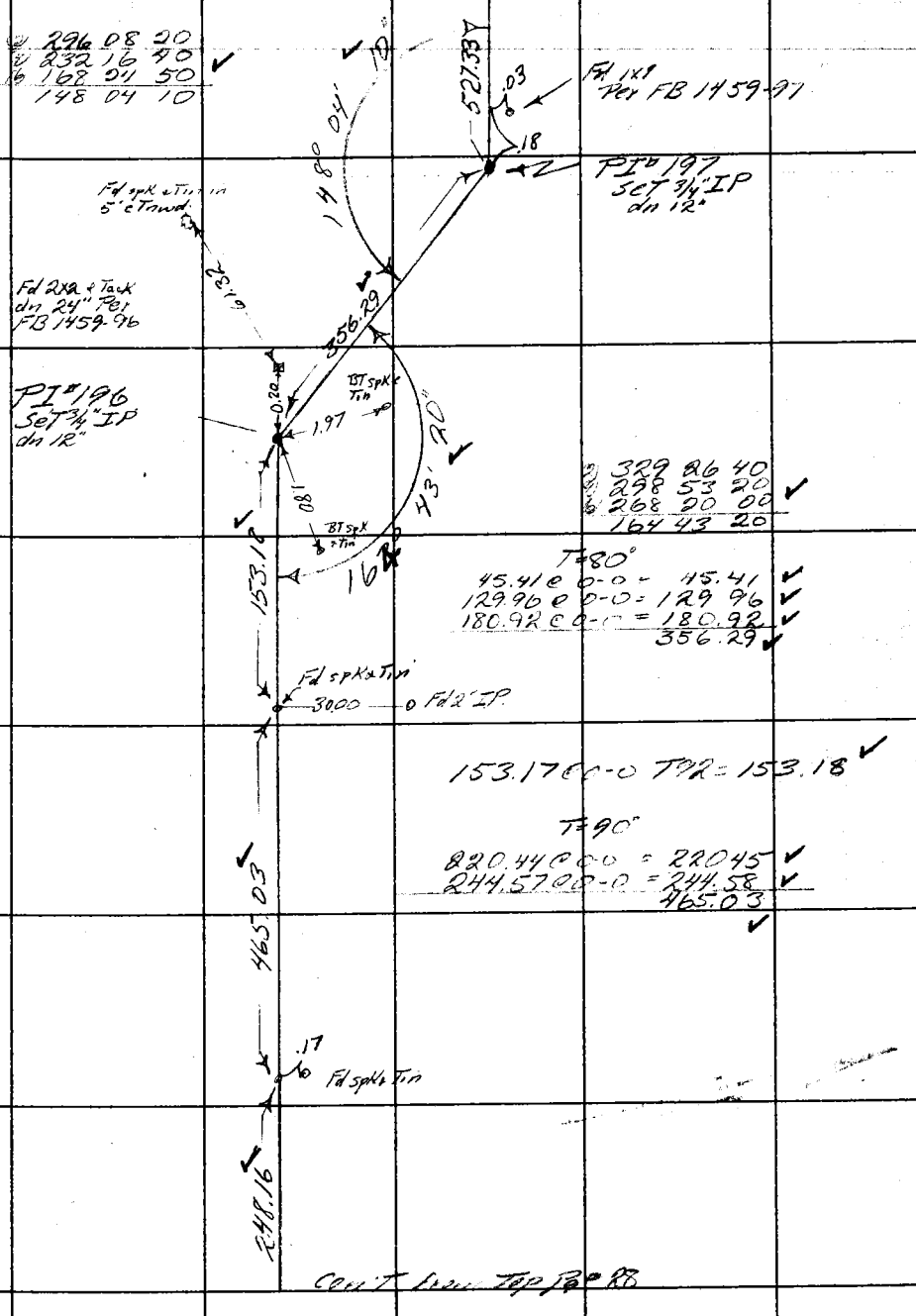
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



329 26 40
298 53 20
268 20 00
164 43 20

T=80°
45.41 @ 0-0 = 45.41
129.96 @ 0-0 = 129.96
180.92 @ 0-0 = 180.92
356.29

153.17 @ 0-0 T92 = 153.18

T=90°
220.44 @ 0-0 = 220.45
244.57 @ 0-0 = 244.58
465.03

Con't from Top Pg # 28

76F3095 247 2-51

F. B. 1891 PG. 30

CONT TO BOT Pg 31

93.44 @ 0-0 T 86 = 93.44 ✓

(2) 338 39 00
(4) 317 18 00
(6) 295 57 00
169 19 30

45.27 @ 0-0 T 86 = 45.27 ✓

93.44

30

19

169°

45.27

90°

.10

Fd R.P. 3/4 IP.

PI # 199
Fd 3/4" IP dn 7"
Per FB 1459-98
FB 1672-6
Also Fd 1 1/4" IP
2" dn .10 north of
PI Looks as if moved
north
Set 2" R.P. at 90°
on surface BT spk.
[illegible]

856.96

Fd spk & Tin

T = 86°
148.93 @ 0-0 = 148.93 ✓
199.26 @ 0-0 = 199.26 ✓
143.88 @ 0-0 = 143.88 ✓
129.48 @ 0-0 = 129.48 ✓
235.41 @ 0-0 = 235.41 ✓
856.10 ✓

269.27

PI # 198
Fd 3/4" IP dn 12"
Per FB 1459-97

55"

42'

169°

(2) 339 25 50
(4) 318 51 40
(6) 298 17 30
169 42 55

310.30

T = 90°
35.98 @ 0-0 = 35.98 ✓
233.28 @ 0-0 = 233.29 ✓
269.27 ✓

.08

Fd spk & Tin

T = 78
155.93 @ 0-0 = 155.92 ✓
154.39 @ 0-0 = 154.38 ✓
310.30 ✓

T = 78
235.29 @ 0-0 = 235.28 ✓
292.06 @ 0-0 = 292.05 ✓
527.33 ✓

527.33

CON'T FROM Top pg # 29

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Notes Ck'd by KRM	Survey of Pine Gen Rd
Map No.	W. O. [illegible] Tape No. [illegible] St'd. 54 °F
Office Work	Surveyed by W.S. Cowberg
Checked	Notes [illegible] Date [illegible]
Date	Indexed

F. B. [illegible] PG. [illegible]

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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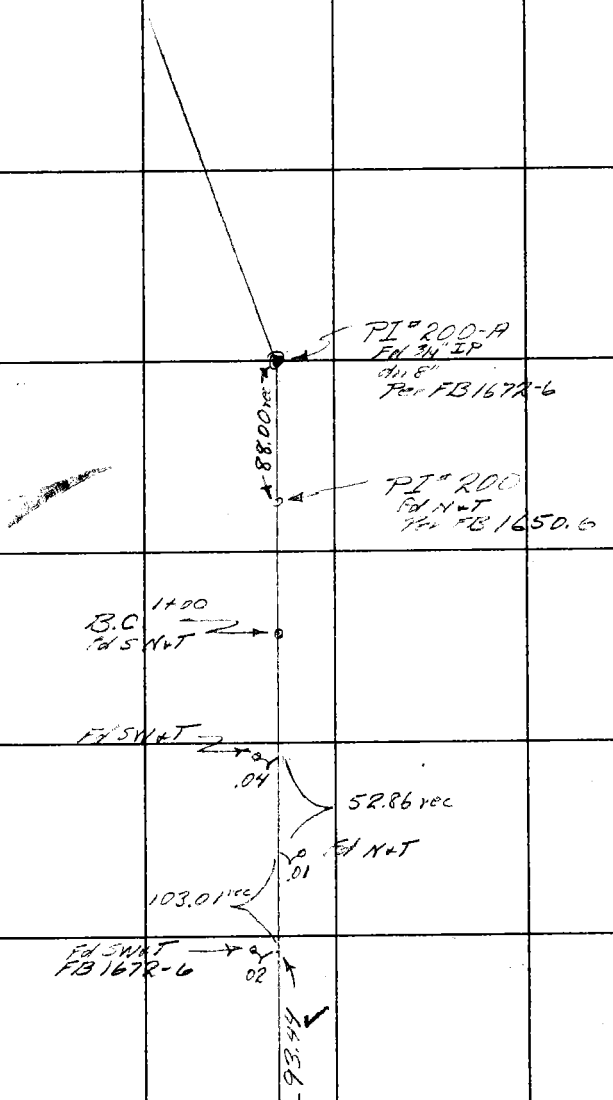
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



CONT From Top Pg#

76F3095 247 2-51

F. B. 1847 PG. 32

207.38
1509.16
923.42
2638.96

52+80.47
26+39.32
26+41.24

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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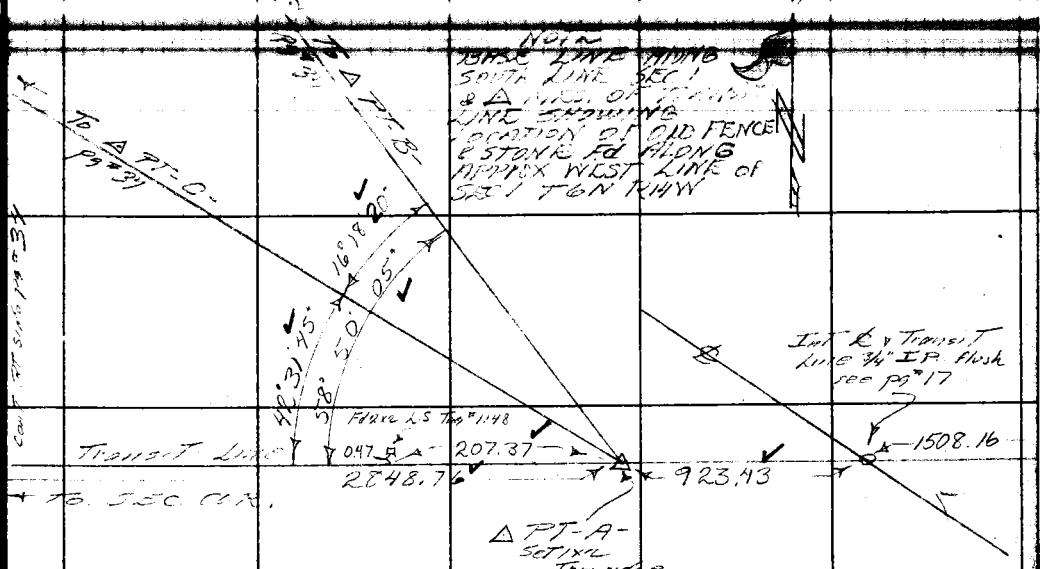
Notes Ck'd by K.A.M.	Survey of Pine Cyn Rd	F. B. [illegible] Pg. 35
Map No.	W. O. 090468 Tape No. 122 St'd. 84 °F	
Office Work	Surveyed by W. C. Cockerell	
Checked	Notes W.S.C. Date [illegible]	
Date	Indexed B. C. Johnson	



135.89 @ 0-0	T76 = 135.88 ✓		109.55 @ 7-11	T76 =	108.68 ✓
240.43 @ 0-0	T76 = 240.42 ✓		48.20 @ 15-01	T76 =	46.55 ✓
195.14 @ 1-20	T76 = 195.08 ✓		56.84 @ 23-28	T86 =	52.14 ✓
294.06 @ 7-13	T76 = 291.71 ✓				207.37 ✓
60.88 @ 7-40	T76 = 60.34 ✓				
	923.43 ✓				

109.55 @ 7-11	T 76 =	108.68 ✓	108.68 ✓		
109.45 @ 6-46	T 76 =	108.68 ✓			
48.19 @ 15-01	T 76 =	46.54 ✓	46.55 ✓		
47.92 @ 13-41	T 76 =	46.56			
287.83 @ 10-47	T 76 =	282.74 ✓	282.73 ✓		
287.68 @ 10-38	T 76 =	282.73 ✓			
57.74 @ 0-0	T 80 =	57.74	57.74 ✓		
24.66 @ 0-0	T 88 =	24.66	24.66 ✓		
101.35 @ 19-26	T 82 =	95.58 ✓	95.58 ✓		
101.07 @ 18-58	T 82 =	95.58 ✓			
298.73 @ 6-19	T 78 =	296.91 ✓	296.91 ✓		
298.65 @ 6-10	T 78 =	296.91 ✓			
258.77 @ 3-51	T 80 =	258.18 ✓	258.19 ✓		
258.86 @ 4-04	T 80 =	258.20 ✓			
297.38 @ 2-15	T 80 =	297.14 ✓	297.14 ✓		
297.36 @ 2-08	T 80 =	297.14 ✓			
281.55 @ 1-49	T 82 =	281.41 ✓	281.42 ✓		
281.60 @ 2-03	T 82 =	281.42 ✓			
199.61 @ 2-19	T 80 =	199.44 ✓	199.44 ✓		
199.59 @ 2-10	T 80 =	199.44 ✓			
197.58 @ 2-06	T 80 =	197.44 ✓	197.43 ✓		
197.62 @ 2-30	T 80 =	197.42 ✓			
110.52 @ 4-52	T 80 =	110.12 ✓	110.12 ✓		
110.47 @ 4-32	T 80 =	110.12 ✓			
298.82 @ 6-20	T 80 =	296.99 ✓	296.99 ✓		
298.87 @ 6-25	T 80 =	296.99 ✓			
295.35 @ 1-58	T 80 =	295.17 ✓	295.18 ✓		
295.35 @ 1-50	T 80 =	295.19 ✓			
			2848.76 ✓		

(2)	117	40	10
(4)	235	20	20
(6)	353	50	20
	58	50	05
(2)	32	36	40
(4)	65	13	20 ✓
(6)	97	50	00
	16	18	20
(2)	85	03	30
(4)	170	07	00 ✓
(6)	[illegible]	10	20
	42	31	45

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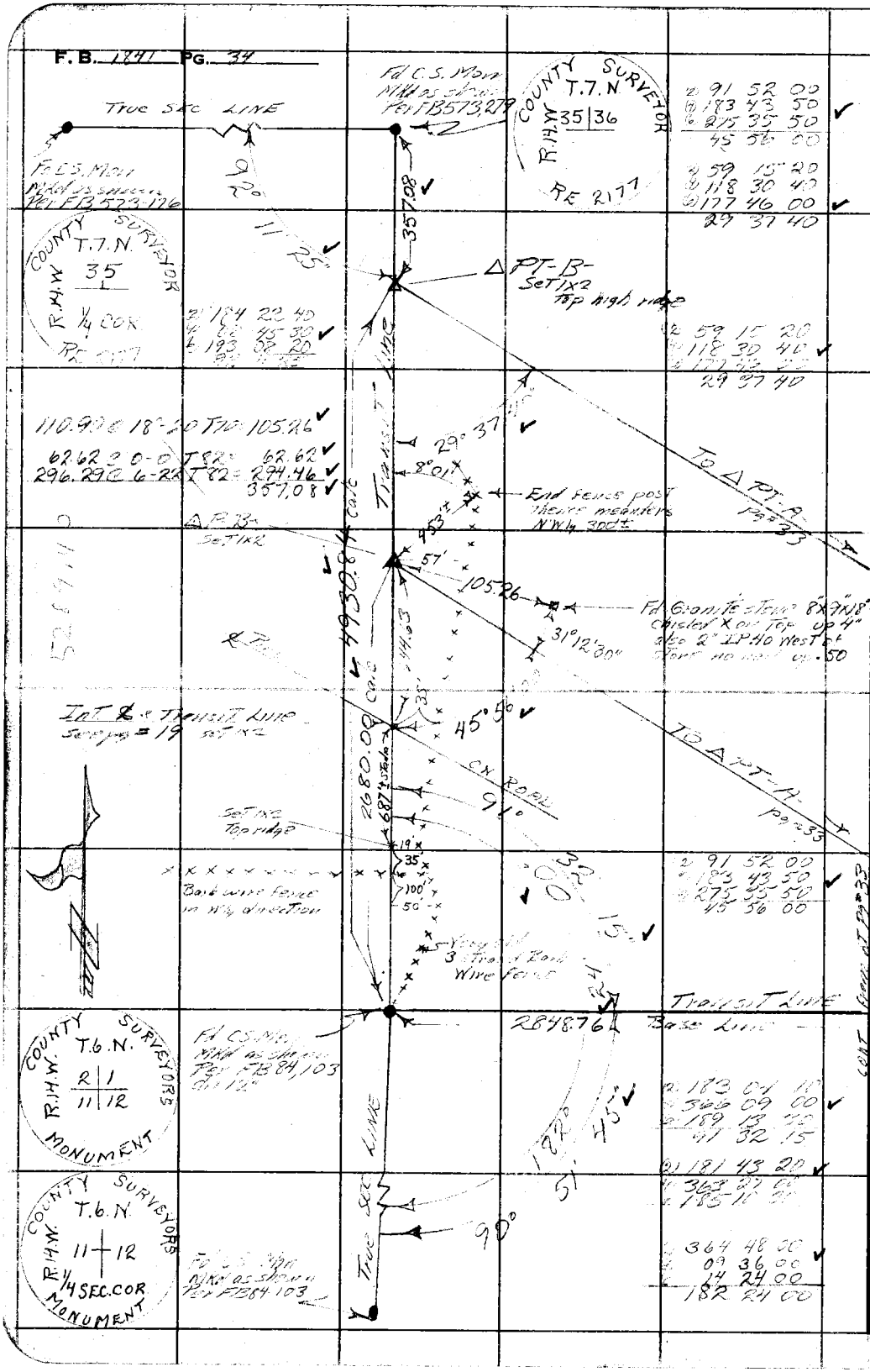
76F309S 247 2.51



RETURN TO
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Pine Cn Rd
W. O. Tape No. Sr'd. of
Surveyed by RLWilley
Notes " Date 7-54
Indexed C. Johnson

F. B. 1847 PG. 35

Old Pt #	Old Pt	Old Pt	New Pt	New Pt	New Pt	New Pt
0+00	=0-00-00	BC	34+56.46	=0-00-00		BC
+50	=0-10-44	50.00	35+00	=0-09-22	43.54	
1+00	=0-21-29		+50	=0-20-06	50.00	
1+50	=0-32-13		36+00	=0-30-50		
2+00	=0-42-58		+50	=0-41-35		
+50	=0-53-42		37+00	=0-52-19		
3+00	=1-04-26		+50	=1-03-04		
+50	=1-15-11		38+00	=1-13-48		
4+00	=1-25-55		+50	=1-24-32		
+50	=1-36-40		39+00	=1-35-17		
5+00	=1-47-24		+50	=1-46-01		
+50	=1-58-08		40+00	=1-56-46		
6+00	=2-08-53		+50	=2-07-30		
+50	=2-19-37		41+00	=2-18-14		
7+00	=2-30-22		+50	=2-28-57		
+50	=2-41-06		42+00	=2-39-43		
8+00	=2-51-50		+50	=2-50-28		
+50	=3-02-35		43+00	=3-01-12		
9+00	=3-13-19		+50	=3-11-56		
+50	=3-24-04		44+00	=3-22-41		
10+00	=3-34-48		+50	=3-33-25		
+50	=3-45-32		45+00	=3-44-10		
11+00	=3-56-17		+50	=3-54-54		
+50	=4-07-01		46+00	=4-05-38		
12+00	=4-17-46		+50	=4-16-23		
+50	=4-28-30		47+00	=4-27-07		
13+00	=4-39-14		47+30.74	=4-33-31		
+50	=4-49-50					
14+00	=5-00-43					
+50	=5-11-28					
15+00	=5-22-12					
+50	=5-32-56					
16+00	=5-43-41					
+50	=5-54-25					
17+00	=6-05-10					
17+05.19	=6-06-17	EC				

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76P3096-247 4-53

F. B. 1847 Pg. 36

PI #3

Sta	Def	Chord
87+49.00 =	0-00-00 BC	
88+00 =	0-05-51	51.00
+50 =	0-11-35	50.00
89+00 =	0-17-19	
+50 =	0-23-03	
90+00 =	0-28-47	
+50 =	0-34-31	
91+00 =	0-40-15	
+50 =	0-45-59	
92+00 =	0-51-43	
+50 =	0-57-23	
93+00 =	1-03-07	
+50 =	1-08-51	
94+00 =	1-14-35	
+50 =	1-20-19	
95+00 =	1-26-03	
+50 =	1-31-47	
96+00 =	1-37-21	
+50 =	1-43-05	
97+00 =	1-48-49	
+50 =	1-54-33	
98+00 =	2-00-17	
+50 =	2-06-01	
99+00 =	2-11-45	
+50 =	2-17-29	
100+00 =	2-23-13	
+50 =	2-28-57	
100+63.81 =	2-30-37 EC	

PI #4

Sta	Def	Chord
179+60.53 =	0-00-00	
180+00 =	0-04-32	39.47 BC
+50 =	0-10-16	50.00
181+00 =	0-16-00	
+50 =	0-21-44	
182+00 =	0-27-28	
+50 =	0-33-12	
183+00 =	0-38-56	
+50 =	0-44-40	
184+00 =	0-50-24	
+50 =	0-56-08	
185+00 =	1-01-52	
+50 =	1-07-36	
186+00 =	1-13-20	
+50 =	1-19-04	
187+00 =	1-24-48	
+50 =	1-30-32	
188+00 =	1-36-16	
+50 =	1-42-00	
189+00 =	1-47-44	
+50 =	1-53-28	
190+00 =	1-59-12	
+50 =	2-04-56	
191+00 =	2-10-40	
+50 =	2-16-24	
192+00 =	2-22-08	
192+30.62 =	2-25-38	30.62 EC

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Pine Cr Rd	F.B. 1847 Pg. 37
Map No.	W.O. 0304.40 Tape No. Str'd. °F	
Office Work	Surveyed by R.L. Willey	
Checked	Notes " Date 7-54	
Date	Indexed A. C. Johnson	

240+00	=0-02-49	=25.52	+50	=0-08-30	30.19
+50	=0-08-33	50.00	273+00	0-29-59	50.00
241+00	=0-14-17		+50	0-51-28	
+50	=0-20-01		274+00	1-12-57	
242+00	=0-25-45		+50	1-34-26	
+50	=0-31-29		275+00	1-55-55	
243+00	=0-37-13		+50	2-17-24	
+50	=0-42-57		276+00	2-38-53	
244+00	=0-48-41		+50	3-00-22	
+50	=0-54-25		277+00	3-21-51	
245+00	=1-00-09		+50	3-43-20	
+50	=1-05-53		278+00	4-04-49	
246+00	=1-11-37		+50	4-26-18	
+50	=1-17-21		279+00	4-47-47	
247+00	=1-23-05		+50	5-09-16	
+50	=1-28-49		280+00	5-30-45	
248+00	=1-34-33		+50	5-52-14	
+50	=1-40-17		281+00	5-13-43	
249+00	=1-46-01		+50	6-35-12	
+50	=1-51-45		282+00	6-56-41	
250+00	=1-57-29		+50	7-18-10	
+50	=2-03-13		283+00	7-39-39	
251+00	=2-08-57		+50	8-01-08	
+09.98	=2-10-12	=09.98	284+00	8-22-37	
			+49.69	8-43-58	=49.69

	Pl #7			Pl #8	
290+00.46	=0-00-00		319+86.86	=0-00-00	
+50	=0-21-17	=49.54	320+00.00	=0-06-15	=13.14
291+00	=0-42-46	50.00	+50	=0-30-48	=50.00
+50	1-04-15		321+00	=0-55-22	
292+00	1-25-44		+50	=1-19-55	
+50	1-47-13		322+00	=1-44-28	
293+00	2-08-42		+50	=2-09-01	
+50	2-30-11		323+00	=2-33-35	
294+00	2-51-40		+50	=2-58-08	
+50	3-13-09		324+00	=3-22-41	
295+00	3-34-38		+50	=3-47-15	
+50	3-56-07		325+00	=4-11-48	
296+00	4-17-36		+50	=4-36-21	
+50	4-39-05		326+00	=5-00-55	
297+00	5-00-34		+50	=5-25-28	
+50	5-22-03		327+00	=5-50-01	
298+00	5-43-32		+50	=6-14-35	
+50	6-05-01		328+00	=6-39-07	
299+00	6-26-30		+50	=7-03-41	
+50	6-47-59		328+97.98	=7-27-14	=47.98
300+00	7-09-28				
+50	7-25-28				
300+87.22	7-46-57	=37.22			

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 4-53

F.B. 1847 No. 38

P1 #9

332+0673 = 0-00-00
+50 = 0-24-47 = 4327
333 +00 = 0-53-26 = 5000
+50 = 1-22-05
334 +00 = 1-50-44
+50 = 2-19-23
335 +00 = 2-48-02
+50 = 3-16-41
336 +00 = 3-45 20
+50 = 4-13-50
337 +00 = 4-42-38
+50 = 5-11-17
338 +00 = 5-39-56
+50 = 6-08-35
339 +00 = 6-37-14
+50 = 7-05-53
340 +00 = 7-34-32
+50 = 8-03-11
340+9881 = 8-31-09 = 48.81

P1 #10

366+90.25 = 0-00-00
367 +00 = 0-01-07 = 9.25
+50 = 0-06-55 = 5000
368 +00 = 0-12-35
+50 = 0-18-19
369 +00 = 0-24-08
+50 = 0-29-47
370 +00 = 0-35-31
+50 = 0-41-15
371 +00 = 0-46-59
+50 = 0-52-43
372 +00 = 0-58-27
+50 = 1-04-11
373 +00 = 1-09-55
+50 = 1-15-39
374 +00 = 1-21-23
+50 = 1-27-07
375 +00 = 1-32-51
+50 = 1-38-35
376 +00 = 1-44-19
+50 = 1-50 03
377 +00 = 1-55 47
+50 = 2-01-31
378 +00 = 2-07-15
+50 = 2-12-59
379 +00 = 2-18-43
+50 = 2-24-27
380 +00 = 2-30-11
+50 = 2-35-55
381 +00 = 2-41-39
+50 = 2-47-23
382 +00 = 2-53-07
+50 = 2-58-51
383 +00 = 3-04-35
383+50 = 3-10-19 = 5008
384 +00 = 3-16-03
+50 = 3-21-47
385 +00 = 3-27-31
+50 = 3-33-15
386 +00 = 3-38-59
+50 = 3-44-43
+30.65 = 3-48-13 = 30.65

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

NOTES RED. _____ JOB NO. 090460 SURVEY OF Pine Cn. Rd

DATE _____ SURVEY BY R L Willey

NOTES CHKD. _____ NOTES BY R. Hall DATE 8-54

DATE _____ INDEXED E. O. Johnson DATE 9-13-54

F. B. 1847 PG. 39

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
BENCH LEVELS						
PINE CANYON RD						
FROM: GODDE RD.						
TO:						
JN 090460 AUG - 54						
	R.L. Willey J.C. Pierce J.P. McGill D.H. Boots					

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

768430 333 3-51

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM#15	3057.356				3057.~~356~~ .367	B.M.#15 Elev=3057.356 F.B. 1834-35
	+5.295		5.072			Elizabeth Lake~Pine Canyon Road
⊼	3062.651	+0.595	+0.592		+0.594	N.E. Cor.; 80'±E. & 60'±N ℄ Int. Goode
	-4700		4480			Hill Road; near fence Cor.
TP	57.951				3057.950	Fd. 2" I.P. & B.C. in conc. marked
	+6.138		6.423			B.M. #15
⊼	64.089	+1.608	+1.603		+1.606	
	-4.530		4.820			
T.P.	59.559				3059.556	
	+3.461		3.738			
⊼	63.020	-1.422	-1.422		-1.422	
	-4.883		5.160			
T.P.	58.137				3058.134	
	+4.939		5.208			
⊼	63.076	+4.726	+4.728		+4.727	
	-0.213		0.480			
T.P.	62.863				3062.861	
	+7.840		7.492			
⊼	70.703	+2.239	+2.240		+2.240	
	-5.601		5.252			
B.M.P.C.#1	65.102				3065.~~101~~ .112	B.M. P.C. #1 Pine Cn. Rd. 160'± W. of P.I. #1,
	+2.873		2.395			4' N. of T.P. #486023H, 1' S. of fence.
⊼	67.975	-9.127	-9.128		-9.127	Set 2" I.P. + B.C. in Conc. mkd. P.C. #1.
	-12.000		11.523			
T.P.	55.975				3055.974	
	+5.068		5.311			
⊼	61.043	+2.889	+2.891		+2.890	
	-2.179		2.420			
T.P.	58.864				3058.864	

JOB NO. 0904.60 SURVEY OF Pine Cn Rd NOTES RED W.E.
SURVEY BY R.L. Willey DATE 9-13-54
NOTES BY McGall DATE NOTES CHKD.
INDEXED A. O. Johnson DATE DATE

F.B. 1947 PG. 70

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3058.864				3058.864	
	+5.805		6.003			
⊼	64.669	+2.285	+2.285		+2.285	
	-3.520		3.718			
T.P.	61.149				3061.149	
	+9.859		10.079			
⊼	71.008	+6.298	+6.297		+6.298	
	-3.561		3.782			
B.M. #16	3067.447				3067.447	B.M. #16 Elev. = 3067.442 F.B.
	+2.757		3.098			Elizabeth Lake ~ Pine Canyon Road, N.
⊼	70.204	-7.543	-7.542		-7.542	15' N of N. edge of pavement; 2'
	-10.300		10.640			T.P. # 486030 H; 0.4 mile Elg. of
T.P.	59.904				3059.905	Valley School. Fd. 2" I.P. & B.C.
	+5.138		5.390			B.M. #16
⊼	65.042	-3.950	-3.952		-3.951	
	-9.088		9.342			
T.P.	55.954				3055.954	
	+11.340		11.510	11.712		
⊼	67.294	+9.162	+9.172	+9.160	+9.161	
	-2.178		2.338	2.552		
B.M. P.C. #1	3065.116				3065.~~115~~ .112	B.M. P.C. #1 Pine Cn. Rd. 160'± W. o
	+11.085		11.202			4' N. of T.P. # 486023 H; 1' S. of
⊼	76.201	+7.666	+7.667		+7.667	Fd. 2" I.P. + B.C. in conc. mkd. P
	-3.419		3.535			
T.P.	72.782				3072.782	
	+10.358		10.619			
⊼	83.140	+9.550	+9.549		+9.550	
	-0.808		1.070			
T.P.	82.332				3082.332	

NOTES RED. W.E. JOB NO. 07046 SURVEY OF [illegible]
DATE [illegible] SURVEY BY [illegible]
NOTES CHKD. NOTES BY McCall DATE 7-13-54
DATE INDEXED [illegible] DATE

F.B. Pg. 41

765420 J-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 0904.60 SURVEY OF Pine Cr. Rd. NOTES RED. W. E. DATE 9-13-54
SURVEY BY Pulvillery NOTES CHKD. DATE
NOTES BY M. Gazell DATE 9-13-54
INDEXED L. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3082.332				3082.332	
	+ 11.558		11.771			
π	93.890	+10.146	+10.141		+10.144	
	- 1.412		1.630			
T.P.	92.478				3092.476	
	+ 11.575		11.782			
π	3104.053	+10.498	+10.499		+10.499	
	- 1.077		1.283			
T.P.	02.976				3102.975	
	+ 11.743		11.603			
π	14.719	+12.863	+12.863		+9.863	
	- 1.880		1.740			
T.P.	12.839				3112.838	
	+ 10.229		9.950			
π	23.068	+6.639	+6.641		+6.640	
	- 3.590		3.309			
T.P.	19.478				3119.478	
	+ 6.475		6.781	6.827		
π	25.953	+4.645	+4.638	+4.642	+4.643	
	- 1.830		2.143	2.185		
T.P.	24.123				3124.121	
	+ 9.588		9.440			
π	33.711	+1.596	+1.601		+1.599	
	- 7.992		7.839			
T.P.	25.719				3125.720	3/4" IP. 3' N. of 71 Tree in N. row
	+10.428		10.560			
π	36.147	+9.631	+9.633		+9.632	
	- 0.797		0.927			
T.P.	35.350				3135.352	

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3135.350				3135.352	
	+11.847		11.752			
⊼	3147.197	+11.402	+11.402		+11.402	
	-0.445		0.350			BM #PC.2 Prop. Pine Cn. B
BM PC #2	3146.752				3146.~~754~~ .766	under E+W. fn 6" ± N Ely S
	+9.772		9.880			Std C.S. Br. Cap Mon. Stpd. B
⊼	3156.524	+7.951	+7.950		+7.951	
	-1.821		1.930			
TP	3154.703				3154.705	
	+11.829	-.012	11.612	11.775		
⊼	3166.532	+11.098	+11.083	+11.085	+11.084	
	-0.731		0.529	0.690		
TP	3165.801				3165.789	
	+11.550		11.948			
⊼	3177.351	+10.280	+10.280		+10.280	
	-1.270		1.668			
TP	3176.081				3176.069	
	+11.380		11.721			
⊼	3187.461	+9.789	+9.789		+9.789	
	-1.591		1.932			
TP	3185.870				3185.858	
	+11.122		11.458			
⊼	3196.992	+10.520	+10.521		+10.521	
	-0.602		0.937			
TP	3196.390				3196.379	
	+11.721	-.011	11.610	11.455		
⊼	3208.111	+9.991	+9.980	+9.984	+9.982	
	-1.730		1.630	1.471		
TP	3206.381				3206.361	

NOTES RED. W.E. JOB NO. 090460 SURVEY OF Pine Cn Rd
DATE 9-13-54 SURVEY BY R.L. Willey
NOTES CHKD. NOTES BY " DATE 8-21-54
DATE INDEXED A. C. Johnson DATE

F.B. PG. 43

769420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 090460 SURVEY OF Pine Cn Rd
SURVEY BY R.L.W. 11/67
NOTES BY 11 DATE 8-20-54
INDEXED R. C. Tobias DATE
NOTES RED. W.E. DATE 2-13-54
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3206.381				3206.361	
	+11.880		11.543			
Π	3218.261	+11.082	+11.083		+11.083	
	-0.798		0.460			
TP	3217.463				3217.444	
	+1.902		2.272			
Π	3219.365	-9.256	-9.256		-9.256	
	-11.158		11.528			
T.P.	3208.207				3208.188	
	+6.130		6.375			
Π	3214.337	+1.042	+1.039		+1.041	
	-5.088		5.336			
BM #P.C.3	3209.249				3208.~~229~~ .241	BM #P.C.3 Prop Pine Cn Rd under fn. Near E line sec 17 T6N R8W 35'± N of 3/4" I.P. sec ¼ int set std c.s. pr cap Mon stpd BM PC3
	+1.770		2.300	1.335		
Π	3211.019	-8.227	-8.231	-8.233	-8.229	
	-9.997		10.531	9.568		
T.P.	3201.022					
	+1.017		1.338			
Π	3202.039	-10.198	-10.~~197~~ 8.15			
	-11.215		11.353			
TP	3190.824					
	+2.610		2.193			
Π	3193.434	-8.803	-8.802		-8.802	
	-11.413		10.995			
TP	3182.021					
	+3.523		3.111			
Π	3185.544	-8.072	-8.072		-8.072	
	-11.595		11.183			
T.P.	3173.949					

Note
Check run between BM #PC3, and BM #PC4
Pg #86 + 87

B.M. Bk 47 Pg 44

768420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3173.949					
	+2.921		3.215			
Π	3176.870	-7.149	-7.153		-7.151	
	-10.070		10.368			
TP.	3166.800					
	+8.000		8.420			
Π	3174.800	+6.802	+6.802		+6.802	
	-1.198		1.618			
TP	3173.602					
	+11.880		12.000			
Π	3185.482	+11.668	+11.667		+11.668	
	-0.212		0.333			
TP	3185.270					
	+11.865		11.422			
Π	3197.135	+10.530	+10.530		+10.530	
	-1.335		0.892			
T.P.	3195.800					
	+8.948		9.212	9.290		
Π	3204.748	+8.088	+8.082	+8.087	+8.088	
	-0.860		1.130	1.203		
T.P.	3203.888					
	+6.472		6.640			
Π	3210.360	+6.072	+6.072		+6.072	
	-0.900		0.568			
TP	3209.960					
	+9.540		9.711			
Π	3219.500	+8.549	+8.548		+8.549	
	-0.991		1.163			
BM PC 4	3218.509				3218.~~507~~ .500	BM PC 4 Prop. Pine Cr. 50' ± N'ly PL 63+10.83 on W. Set F Stl CS br. Cap Man Stand

NOTES RED. W. E. JOB NO. 00460 SURVEY OF Pine Cr Rd
DATE 8-17-54 SURVEY BY K. Whitney
NOTES CHKD. _____ NOTES BY A. O. Jacobson DATE 8-20-54
DATE _____ INDEXED _____ DATE _____

F.B. 1847 PG. 45

JOB NO. 094060 SURVEY OF Pine Cr Rd NOTES RED. W.E.
SURVEY BY R.L. Willey DATE 8-13-54
NOTES BY " DATE 8-23-54 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

F.B. 1847 PG. 46

769420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM PC4	3218.509				3218.~~487~~ .500	
	+9.392		9.978			
⊼	27.901	+8.673	+8.678		+8.676	
	-0.719		13.00			
T.P.	27.182				3227.163	
	+11.883		11.620			
⊼	39.065	+9.821	+9.821		+9.821	
	-2.062		1.799			
T.P.	37.003				3236.984	
	+8.910		9.572	9.198		
⊼	45.913	+6.612	+6.622	6.616	+6.614	
	-2.298		2.950	2.582		
T.P.	43.615				3243.598	
	+5.388		5.750			
⊼	49.003	-4.993	-4.993		-4.993	
	-10.381		10.743			
T.P.	38.622				3238.605	
	+10.299		10.515			
⊼	48.921	+9.952	+9.955		+9.954	
	-0.347		0.560			
T.P.	48.574				3248.559	
	+11.228		11.528			
⊼	59.802	+10.645	+10.647		+10.646	
	-0.583		0.881			
T.P.	59.219				3259.205	
	+11.029		11.513			
⊼	70.248	+9.989	+9.994		+9.992	
	-1.040		1.519			
T.P.	3269.208				3269.197	

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3269.208				3269.197	
	+11.884		11777			
⊼	81.092	+10.897	+10.898		+10.898	
	−0.987		0.879			
T.P.	80.105				3280.095	
	+10.680		10.169			
⊼	90.785	−0.362	−0.361		−0.361	
	−11.042		10.530			
TP	79.743				3279.734	
	+4.390		4.892			
⊼	84.133	+2.562	+2.562		+2.562	
	−1.828		2330			
TP	82.305				3282.296	
	+11.461		11.698			
⊼	93.766	+11.142	+11.146		+11.144	
	−0.319		0.552			
T.P.	93.447				3293.440	
	+7.528		7.780			
⊼	3300.975	−3.852	−3.858		−3.855	
	−11.380		11.638			
T.P.	3289.595				3289.585	
	+9.679		10.390			
⊼	99.274	+8.881	+8.878		+8.880	
	−0.798		1.512			
T.P.	98.476				3298.465	
	+11.101		10.700			
⊼	3309.577	+8.332	+8.332		+8.332	
	−2.769		2.368			
T.P.	3306.808				3306.797	

NOTES RED. W.E. JOB NO. 0904 60 SURVEY OF Pine Cn
DATE 9-13-54 SURVEY BY R.I. Willey
NOTES CHKD. NOTES BY E. C. Johnson DATE 8-23-53
DATE INDEXED DATE

F.B. 1847 PG. 47

769420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 090460 SURVEY OF Pine Cr Rd
SURVEY BY R.L. Willey
NOTES BY " DATE 8-23-54
INDEXED J. O. Johnson DATE
NOTES RED. W.E. DATE 2-13-54
NOTES CHKD. DATE

F.B. 1847 PG. 48

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3306.808				3306.797	
	+5.159		5.357			
π	11.967	-3.443	-3.446		-3.444	
	-8.602		8.803			
T.P.	3303.365				3303.353	
	+7.668		8.153	7.722		
π	11.033	+5.567	+5.561	+5.564	+5.565	
	-2.101		2.592	2.158		
T.P.	3308.932				3308.918	
	+6.059		5.815			
π	14.991	-5.749	-5.747		-5.747	
	-11.808		11.561			
T.P.	3303.183				3303.171	
	+2.540		2.818			
π	3305.723	-9.111	-9.110		-9.110	
	-11.651		11.928			
T.P.	3294.072				3294.061	
	+2.091		2.562			
π	96.163	-9.373	-9.373		-9.373	
	-11.464		11.935			
TP	84.699				3284.688	
	+1.900		2.199			
π	86.599	-9.601	-9.599		-9.600	
	-11.501		11.798			
T.P.	75.098				3275.088	
	+2.043		2.232			
π	77.141	-9.447	-9.443		-9.445	
	-11.490		11.675			
T.P.	3265.651				3265.643	IXI 20' N & 28' W Sta # 88+00

768420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3265.651				3265.643	
	+ 3.250		3.593	3.948		
⊼	68.901	-7.308	-7.299	-7.302	-7.300	
	-10.558		10.892	11.250		
BM# P.C.-5	3258.343				3258.~~343~~ .357	BM# P.C.5 Prop Pine Cn Rd.
	+ 3.802		4.202			Under fence Cor 225' ± South of B
⊼	62.145	-1.335	-1.336		-1.335	Std B.C. C.S. Br. Cap Mon Mkd. B.M.
	- 5.137		5.538			
T.P	57.008				3257.008	
	+ 4.337		4.662			
⊼	61.345	+ 2.107	+ 2.109		+ 2.108	
	- 2.230		2.553			
T.P.	59.115				3259.116	
	+ 5.018		5.398			
⊼	64.133	- 2.412	-2.412		-2.412	
	- 7.430		7.810			
T.P.	56.703				3256.704	
	+ 2.710		3.040			
⊼	59.413	- 3.850	-3.849		-3.849	
	- 6.560		6.889			
T.P.	52.853				3252.855	
	+10.699		10.978			
⊼	63.552	+ 8.567	+ 8.567		+8.567	
	- 2.132		2.411			
T.P.	61.420				3261.422	
	+ 8.000		8.358			
⊼	69.420	+ 5.341	+ 5.340		+5.341	
	- 2.659		3.018			
T.P.	66.761				3266.763	

NOTES RED. W.E. JOB NO. 090460 SURVEY OF Pine Cn Rd
DATE 9-13-54 SURVEY BY R. Willey
NOTES CHKD. NOTES BY DATE 8-24-54
DATE INDEXED A. O. Johnson DATE

F.B. 1847 PG. 49

76S420 [illegible] 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3266.761				3266.763	
	5.490		5.794			
⊼	72.251	-1.312	-1.311		-1.311	
	6.802		7.105			
B.M.P.C. 6	3265.449				3265.~~452~~ .466	B.M. P.C. 6 Pine Cn. Rd. 21' E + 32' N of int. of Northside Dr. + 90th St W. fd 2" I.P. + B.C. in conc. MKd B.M. P.C. 6
	10.280		10.558			
⊼	75.729	+8.668	+8.669		+8.669	
	1.612		1.889			
T.P.	74.117				3274.121	
	11.647		11.875			
⊼	85.764	+11.192	+11.193		+11.193	
	0.455		0.682			
T.P.	85.309				3285.314	
	11.710		11.551			
⊼	97.019	+10.630	+10.629		+10.630	
	1.080		0922			
TP	95.939				3295.944	
	10.797		11.042			
⊼	3306.736	+9.195	+9.192		+9.194	
	1.602		1.850			
T.P.	3305.134				3305.138	
	5.925		6.288			
⊼	11.059	+2.633	+2.635		+2.634	
	3.292		3.653			
T.P.	3307.767				3307.772	
	5.960		6.185			
⊼	13.727	+5.033	+5.035		+5.034	
	0.927		1.150			
T.P.	3312.800				3312.806	

F.B. 1847 PG. 50

JOB NO. 090640 SURVEY OF Pine Cn. Rd. NOTES RED. W.E.
SURVEY BY R.L. Willey DATE 8-24-50 DATE 9-13-54
NOTES BY K. O. Johnson DATE NOTES CHKD.
INDEXED DATE DATE

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3312.800				3312.806	
	11.278		11.410			
Π	24.078	+10.793	+10.792		+10.793	
	0.485		0.618			
T.P.	23.593				3323.599	
	7.223		6.970	7.280		
Π	30.816	+1.744	+1.752	+1.748	+1.750	
	5.479		5.218	5532		Strong West Wind
T.P.	25.337				3325.349	
	1391		1.041	1.592		
Π	26.728	-7.477	-7.471	-7.476	-7.476	
	8.868		8.512	9.068		
TP	17.860				3317.873	
	1.351		0.845			
Π	19.211	-6.716	-6.715		-6.715	
	8.067		7.560			BM#P.C.7
BM#P.C.7	3311.144				3311.~~158~~ .173	Northridge Dr. Prop. Pine Cn. Rd
	~~33~~0.220		0.341	0.270		25'± S of Sta 122+90, 300'± E of
Π	11.364	-6.282	-6.289	-6.283	-6.282	set std CS w cap mon. Stpd B
	6.502		6.630	6.553		
TP	3304.862				3304.876	
	~~330~~3.192		2.775			
Π	3308.054	-3.998	-3.995		-3.996	
	7.190		6770			
TP	3300.864				3300.880	
	2.012		1.538			
Π	3302.876	-3.748	-3.752		-3.750	
	5760		5.290			
T.P.	3297.116				3297.130	

NOTES RED. W. E. JOB NO. [illegible] SURVEY OF Pine Cn Rd
DATE [illegible] SURVEY BY R.L. Willey DATE 8-24-54
NOTES CHKD. _____ NOTES BY " DATE
DATE _____ INDEXED L. G. Johnson DATE

F.B. 1847 PG. 51

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3297.116				3297.130	
	0650		0.967			
π	97.766	-7.185	-7.184		-7.184	
	7.835		8151			
T.P.	89.931				3289.946	
	0505		0.731			
π	90.436	-2.727	-2.727		-2.727	
	3232		3458			
T.P.	87.204				3287.219	
	8.405		8.737			strong west wind
π	95.609	+8.095	+8.095		+8.095	
	0310		0.642			
TP	95.299				3295.314	
	11521		11.790	11.591		
π	3306.820	+10.793	+10800	+10.799	+10.800	
	0.728		0.990	0792		
TP	3306.092				3306.114	
	8682		9.210			
π	14.774	+6.307	+6.302		+6.305	
	2375		2.908			
T.P.	12.399				3312.419	
	6738		6.921			
π	19137	+5.228	+5.226		+5.227	
	1510		1.695			BM PC 8 Northridge Dr, prop. Pine cn Rd
BM #PC8	17.627				3317.~~646~~ .661	27' N. of Std 142+70 140'± W PP# 50829 SE
	11410		10.917			set std c.s. br. cap mon. Stpd BM PC #8
π	29.037	+6.063	+6.067		+6.065	
	5347		4850			
T.P.	3323.690				3323.711	

JOB NO. 090460 SURVEY OF Pine cn Rd NOTES RED. W.E.
SURVEY BY R L Willey DATE 9-13-54
NOTES BY C. Johnson DATE 8-24-54 NOTES CHKD.
INDEXED DATE DATE

F.B. 1847 PG. 57

768420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3323.690				3323.711	
	11.148		11.502			
T	3334.838	+10.568	+10.567		+10.568	
	0.580		0.935			
T.P.	34.258				3334.279	
	5.071		4.778			
T	39.329	+4.149	+4.148		+4.149	
	0.922		0.630			
T.P.	38.407				3338.428	
	8.470		8.719			
T	46.877	+8.211	+8.209		+8.210	
	0.259		0.510			
T.P.	46.618				3346.638	
	8.937		9.149			
T	55.555	+8.546	+8.548		+8.547	
	0.391		0.601			
T.P.	55.164				3355.185	
	10.107		9.900			
T	65.271	+9.259	+9.260		+9.260	
	0.848		0.640			
T.P.	64.423				3364.445	
	8.018		8.198			
T	72.441	+7.369	+7.369		+7.369	
	0.649		0.829			
TP	71.792				3371.814	
	8.275		8.493			
T	80.067	+3.697	+3.702		+3.700	
	4.578		4.791			
TP	3375.489				3375.514	

NOTES RED. W.E. JOB NO. 0904.60 SURVEY OF Pine Cr. Rd
DATE 9-13-54 SURVEY BY R. L. Willey
NOTES CHKD. NOTES BY " DATE 8-25-54
DATE INDEXED J. G. Johnson DATE

F.B. 1847 PG. 53

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3375.489				3375.514	
	1.135		0.931			
⊼	76.624	-7.904	-7.904		-7.904	
	9.039		8.835			
T P	67.585				3367.610	
	1 757		1.401			
⊼	69.342	-2.106	-2.108		-2.107	
	3.863		3509			BM #PC 9 Northridge Rd, (prop pine cr Rd)
BM #PC9	3365.479				3365.~~503~~ .519	at fn cor, 25' ± S. of 159+90, 80' ± S. of windmill
	2.182		2537			set std. c's br. cap mon, stpd BM PC 9
⊼	67.661	+1.471	+1.467		+1.469	
	0.711		1070			NOTE
TP	66.950					Check level's between
	5558		5.980			BM PC #9 and BM PC 10
⊼	72.508	+0.983	+0.981		+0.982	Pg's # 87 to 89 inc.
	4.575		4999			
T.P.	67.933					
	2959		3343			
⊼	70.892	+2.169	2.171		+2.170	
	0.790		1.172			
T.P.	70.102					
	4821		4418			
⊼	74.923	+1.999	+1.998		+1.999	
	2.822		2420			
T.P.	72.101					
	3575		3.917			
⊼	75.676	+2.706	+1.707			
	0.869		2210			
T.P.	3374.807					

JOB NO. 090460 SURVEY OF Pine Cr. Rd NOTES RED. W.E.
SURVEY BY R.L. Willey DATE 9-14-54
NOTES BY R.L. Willey DATE 8-25-54 NOTES CHKD.
INDEXED H. C. Johnson DATE DATE

F.B. 1847 PG. 54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3374.807					
	4.302		3.959			
T	79.109	+0.851	0.856		+0.854	
	3.451		3.103			
T.P.	75.658					
	8.813		9.202			
T	84.471	+8.185	+8.187		+8.186	
	0.628		1.015			
TP	83.843					
	9.590		9.940			
T	93.433	+8.962	+8.967		+8.965	
	0.628		0.973			
T.P.	92.805					
	11.701		11.420			
T	3404.506	+10.163	+10.168		+10.166	
	1.538		1.252			
T.P.	3402.968					
	8.008		7.411			
T	10.976	+5.361	5.363		+5.362	
	2.647		2.048			
T.P.	3408.329					
	8.101		8.390			
T	16.430	+4.731	4.735		+4.733	
	3.370		3.655			BM PC 10
BM PC 10	3413.060				3413.~~133~~ .139	Prop Pine Cn. Rd 50' N sta.
	2.630		2.068			Toe slope in S. slop Low hill
T	15.690	-0.327	-03.27		-0.327	set Sta. C.S. 1 br cap Mon Stel
	2.957		2.395			
T.P.	3412.733				3412.796	

Strong W. wind blowing

NOTES RED. W.E. JOB NO. 09046 SURVEY OF Pine Cn Rd
DATE 3-16-54 SURVEY BY R. Whitney
NOTES CHKD. NOTES BY " DATE 3-23-54
DATE INDEXED A. C. Johnson DATE

F.B. 1847 Pg. 55

JOB NO. 090460 SURVEY OF Pine Cn Rd NOTES RED. N.E.
SURVEY BY E.L. Willey DATE 2-14-54
NOTES BY " DATE 8-25-54 NOTES CHKD.
INDEXED E. O. Johnson DATE DATE

PG. 56

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3412.733				3412.786	
	1.080		1.472			
π	13.813	-8.210	-8.209		-8.209	Strong West Wind
	9.290		9.681			
T.P.	3404.523				3404.587	
	0.581		0.763			
π	3405.104	-10.449	-10.447		-10.448	
	11.030		11.210			
T.P.	3394.074				3394.139	
	1.738		1.889			
π	95.812	-0.573	-0.573		-0.573	
	2.311		2.462			
TP	93.501				3393.566	
	5.597		5.795			
π	99.098	+2.459	+2.463		+2.461	
	3.138		3.332			
TP	95.960				3396.027	
	8.357		8.083			
π	3404.317	+7.526	+7.525		+7.526	
	0.831		0.558			
TP	3403.486				3403.553	
	2.407		2.231			
π	3405.893	-6.376	-6.377		-6.376	
	8.783		8.608			
TP	3397.110				3397.177	
	3.848		3.435			
π	3400.958	+1.751	+1.752		-1.751	
	5.599		5.187			
T.P.	3395.359				3395.426	

768420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3395.359				3395.426	
	0.361		0.590			
π	95.720	-9.245	-9.240		-9.242	
	9606		9.830			
T.P.	86.114				3386.184	
	2471		2.660			
π	88585	+0.559	+0559		+0.559	
	1.912		2101			
T.P	86.673				3386.743	
	8395		8.660			
π	95.068	+4.987	+4.988		+4.988	
	3408		3672			BM# P.C.11
BM# P.C.11	91.660				3391.~~721~~ .748	Prop Pine Cn Rd 30'± sly 206±
	11.920		11.605			15' sly Tr. Rd 60' N old fn beam
π	3403.580	+9.651	+9.650		+9.651	set std c.s. br. cap mon. stpd
	2.269		1955			
T.P.	3401.311				3401.382	
	11.301		10.938	11.165		
π	12.612	+9.149	+9.133	9.130	+9.132	
	2.152		1.805	2035		
T.P.	10.460				3410.514	
	10.179		9.940			
π	20.639	+5.281	+5.282		+5.282	
	4898		4.658			
T.P.	15.741				3415.796	
	9313		9.675			
π	25054	+8.883	+8.883		+8.883	
	0430		0792			Ely end of south bar to clamp
TP	3424.624				3424.679	well under windmill Tower
						130'± sly Sta. 216+50

NOTES RED. W.E. JOB NO. 090460 SURVEY OF Pine Cn Rd
DATE 9-14-54 SURVEY BY R.L. Willey
NOTES CHKD. NOTES BY C. Johnson DATE 8-25-54
DATE INDEXED DATE

F.B. 1847 PG. 57

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3424.624				3424.679	
	9.978		10.219			
π	34.602	+9.197	+9.197		+9.197	
	0.781		1022			
T.P.	33.821				3433.876	
	11.265		11.580			
π	45.086	+10.725	+10.725		+10.725	
	0.540		0855			
T.P.	44.546				3444.601	
	10.149		9.810	10.212		
π	54.695	+8.489	+8.483	+8.482	+8.483	
	1660		1.327	1.730		
T.P.	53.035				3453.084	
	10.461		10.650			
π	63.496	+8.931	+8.932		+8.932	
	1.530		1.718			
T.P.	61.966				3462.016	
	10.977		11.211			
π	72.943	+10.652	+10.651		+10.652	
	0325		0.560			
T.P.	72.618				3472.668	
	9.973		10261			
π	82.591	+9.745	+9.744		+9.745	
	0.228		0517			
TP	82.363				3482.413	
	10 848		10.541			
π	93.211	+7.876	+7.871		+7.874	BM P.C. 12
	2972		2.670			prop. Pine Cn Rd 10' W of sta. 229+50
BM P.C. 12	3490.239				3490.~~287~~ .304	at Toe of W. slope of hill
						set std C.S. br. Cap Mon stpd BM PC 12

JOB NO. 0904.60 SURVEY OF Pine Cn Rd NOTES RED W.E.
SURVEY BY R.L. Willey DATE 9-14-54
NOTES BY " DATE 8-26-54 NOTES CHKD.
INDEXED A. O. Johnson DATE DATE

F.B. 1847 PG. 58

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM # PC.12	3490.239				3490.~~287~~ .304	
	8818		8,311			
⊼	3499.057	+5,949	+5,951		+5.950	
	2,869		2,360			
TP	96,188				3496.237	
	10.751		11,172			
⊼	3506,939	+10,451	+10,451		+10.451	
	0.300		0,721			
T.P.	3506,639				3506.688	
	12.002		11,399			
⊼	18,641	+10,912	+10,911		+10.912	
	1,090		0488			
TP	17,551				3517-600	
	10.320		11,140			
⊼	27,871	+10,109	+10,108		+10.109	
	0211		1,032			
T.P.	27,660				3527-709	
	7.410		7,531			
⊼	35,070	+5,771	+5,770		+5.771	
	1,639		1,761			
T.P.	33,431				3533.480	
	4.178		4405			strong West Wi[illegible]
⊼	37,609	3,088	3,088		+3.088	
	1090		1317			
T.P.	36,519				3536.568	
	5,779		5,451			
⊼	42,298	+5,087	+5,084		+5.086	
	0,692		0367			
T.P.	3541,606				3541.654	

NOTES RED. W.E. JOB NO. C90460 SURVEY OF Pine Cor Rd
DATE 9-14-54 SURVEY BY C. Whitley DATE 8-27-54
NOTES CHKD. NOTES BY " DATE
DATE INDEXED J. G. Johnson DATE

F.B. 1847 PG. 59

769420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 090460 SURVEY OF Pine Cn Rd NOTES RED. W.E.
SURVEY BY R.L. Willey DATE 9-14-54
NOTES BY " DATE 8-27-54 NOTES CHKD.
INDEXED H. C. Johnson DATE DATE

F.B. 1847 PG. 60

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3541.606				3541.654	
	9.949		10.440			
T	51.555	+9.652	+9.652		+9.652	
	0.297		0.788			
T.P.	51.258				3551.306	
	11.232		11.589			
T	62.490	+10.700	+10.705		+10.703	
	0.532		0.884			
T.P.	61.958				3562.009	strong west wind
	10.340		11.088			
T	72.298	+9.951	+9.949		+9.950	
	0.389		1.139			
T.P.	71.909				3571.959	
	11.719		11.490			
T	83.628	+10.808	10.812		+10.810	
	0.911		0.678			
T.P.	82.717				3582.769	
	5.807		6.151			
T	88.524	+1.437	+1.436		+1.437	
	4.370		4.715			
TP	84.154				3584.206	
	8.744		8.210			
T	92.898	+4.392	+4.390		+4.391	
	4.352		3.820			BM #PC13
BM #PC13,	3588.546				3588.~~501~~ .615	Prop. Pine Cn Rd 250'± S of Sta. 247+00
	1.117		1.628			at end of fn, To N. 4E +30'± E of fo To S
T	89.663	-8.833	-8.837		-8.835	set std. c s br. cap Mon stpd BM PC 13
	9.950		10.465			
TP	3579.713				3579.762	

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3579,713				3579.762	
	0357		0,630			
Π	80,070	-10,965	-10,962		-10.963	
	11,322		11,592			
T.P.	68,748				3568.799	
	3,260		3,551			
Π	72,008	-5,982	-5,982		-5.982	
	9,242		9,533			Stong Gusty wind bl[illegible] from Wly
T.P.	62766				3562.817	
	0270		0,690			
Π	63,036	-11,172	-11,173		-11.172	
	11,442		11863			
TP	51,594				3551.645	
	1,721		1,358			
Π	53,315	-4,957	-4,961		-4.959	
	6.678		6319			
TP	46,637				3546.686	
	2,778		2,470	2,901		
Π	49,415	-4,535	-4,541	-4,539	-4.538	
	7,313		7,011	7,440		
T.P.	42,102		-		3542.148	
	0,689		0740	1,795		
Π	42,791	-9,873	-9,881	-9,882	-9.881	
	10562		10621	11,677		
TP	32,229				3532.267	
	0,712		0,983			
Π	32941	-7,439	-7,439		-7.439	
	8,151		8,422			
TP	3524790				3524.828	

NOTES RED. W.E. JOB NO. 090460 SURVEY OF Pine Cr Rd
DATE 9-14-54 SURVEY BY R.L. Willey
NOTES CHKD. NOTES BY " DATE 8-27-54
DATE INDEXED E. O. Johnson DATE

F.B. 1847 PG. 61

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
723 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 0904.60 SURVEY OF Pine Cr Rd
SURVEY BY E.L. Willey
NOTES BY L. O. Johnson DATE 8-27-54
INDEXED DATE
NOTES RED. W.E. DATE 9-14-54
NOTES CHKD. DATE

F.B. 1842 PG. 62

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
3 TP	3524.790				3524.828	
	0782		0.933			
T	25.572	-2.688	-2.688		-2.688	
	3.470		3.621			
TP	22.102				3522.140	
	5380		5.705			
T	27.482	+1.679	+1.678		+1.679	
	3701		4.027			
BM PC 14	3523.787				3523.~~819~~ .838	BM #PC 14 Prop pipe on Rd 167± N of Sta. 269+50 under Edison Trans. Tower # M21T6
	0487		0.731			
T	24.268	-8.811	-8.811		8.811	set std CS bt cap NGM stpd BM PC 14
	9298		9.542			
TP	14.970				3515.008	
	0362		0736			
T	15.332	-7.049	-7.049		-7.049	
	7.411		7779			
TP	3507.921				3507.959	
	1.833		2.161			
T	3509.754	-2.884	-2.881		-2.882	
	4.717		5.042			
TP	3505.037				3505.077	
	0.212		0.371	0.419		
T	05.249	-8.058	-8.051	-8.058	-8.058	
	8.270		8.422	8477		
TP	3496.979				3497.019	
	1.450		1.131			
T	98.429	-6.748	-6.749		-6.748	
	8.198		7.880			
T.P.	3490.231				3490.271	set bt spk Wly base 60" cottonwood 100'± S of Sta 280+00

765420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3490.231				3490.271	
	2.338		2.759			
π	92.569	- 4.492	- 4.492		- 4.492	
	6.830		7.251			
TP	85.739				3485.779	
	6.295		6.968			
π	92.034	+ 3.745	+ 3.745		+ 3.745	
	2.550		3.223			
TP	89.484				3489.524	
	3.860		4.359			
π	93.344	- 6.178	- 6.179		- 6.178	
	10.038		10.538			
TP	83.306				3483.346	
	0.439		0.912	1.320		
π	83.745	- 6.452	- 6.458	- 6.458	- 6.458	
	6.891		7.370	7.778		
BM P.C. #15	76.854				3476.~~888~~ .907	BM P.C. #15 Prop Pine Cn Rd 36' ± S'ly of Sta [illegible] at fence cor.
	5.558		5.187			
π	82.412	+ 1.927	+ 1.925		+ 1.926	Set Std. C.S. Brass Cap Mon. Std. B.M. [illegible]
	3.631		3.262			
T.P	78.781				3478.814	
	5.847		6.383			
π	84.628	- 2.846	- 2.845		- 2.845	
	8.693		9.228			
T.P.	75.935				3475.969	
	0.382		0.613			
π	76.317	- 10.968	- 10.969		- 10.968	
	11.350		11.582			
TP	3469.967				3465.001	

NOTES RED. W. E. JOB NO. 090460 SURVEY OF Pine Cn Rd
DATE 9-14-54 SURVEY BY R. L. Whitley
NOTES CHKD. NOTES BY MA Whist Jr DATE 8-30-54
DATE INDEXED E. C. Johnson DATE

F.B. 1847 PG. 63

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 090460 SURVEY OF Pine Cn. Rd.
SURVEY BY R. L. Willey
NOTES BY M. A. Walsh Jr. DATE 8-30-54
INDEXED A. O. Johnson DATE
NOTES RED. W.E. DATE 9-14-54
NOTES CHKD. DATE

F.B. 1847 PG. 64

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3464.967				3465.001	
	0.610		0.918			
π	65.577	-10.840	-10.835		-10.837	
	11.450		11.753			
T.P.	54.127				3454.164	
	1.740		2.549			
π	55.867	-.563	-.561		-0.562	
	2.303		3.110			
T.P.	53.564				3453.602	
	1.170		1.799			
π	54.734	-8.162	-8.164		-8.163	
	9.332		9.963			
T.P.	45.402				3445.439	
	2.015		1.622			
π	47.417	-2.735	-2.731		-2.733	
	4.750		4.353			
T.P.	42.667				3442.706	
	0.982		1.368			
π	43.649	-3.429	-3.427		-3.428	
	4.411		4.795			B.M. P.C. #16
B.M. P.C. #16	39.238				3439.~~278~~ .298	Prop Pine Cn Road 36'± N'ly of sta. 313+73 at the toe of Ely Slope of hill
	2.429		1.916			
π	41.667	-2.371	-2.367		-2.369	Set Std. C.S. Br. Cap Mon. Stpd. B.M. P.C. 16
	4.800		4.283			
T.P.	36.867				3436.909	
	1.218		1.580			
π	38.085	-7.937	7.938		-7.937	
	9.155		9.518			
T.P.	3428.930				3428.972	

768420 353 3-51

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3428.930				3428.972	
	1.188		1.612			
⊼	30.118	- 5.774	- 5.778		- 5.776	
	6.962		7.390			
T.P.	23.156				3423.196	
	0.640		1.453			
⊼	23.796	- 8.508	- 8.505		- 8.505	
	9.148		9.958			
T.P.	14.648				3414.691	
	5.003		5.342			
⊼	19.651	- .530	- .530		- 0.530	
	5.533		5.872			
T.P.	14.118				3414.161	
	2.195		2.618			
⊼	16.313	- .077	- .074		- 0.075	
	2.272		2.692			
T.P.	14.041				3414.086	
	6.269		6.628			
⊼	20.310	+ 2.561	+ 2.559		+ 2.560	
	3.708		4.069			
T.P.	16.602				3416.646	
	5.167		5.610			
⊼	21.769	+ 2.146	2.150		+ 2.148	
	3.021		3.460			
T.P.	18.748				3418.794	
	3.531		3.932			
⊼	22.279	- 2.609	- 2.608		- 2.608	
	6.140		6.540			B.M. P.C. #17
B.M. P.C. #17	3416.139				3416.~~186~~ .206	Prop Pine Cn Rd 30'± Nly of Sta 33[illegible] ce Set Std. C.S. Br. Cap Mon. Stpd. B.M. P.C.

NOTES RED. W.E. JOB NO. 090460 SURVEY OF Pine Cn Rd
DATE 9-14-54 SURVEY BY R.L. Willey
NOTES CHKD. NOTES BY M.A. Walsh Jr DATE 8-30-54
DATE INDEXED L. C. Johnson DATE

F.B. 1847 PG. 65

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 020440 SURVEY OF Pine Cn Rd
SURVEY BY R. L. Willey
NOTES BY M. A. Walsh Jr DATE 8-30-54
INDEXED B. O. Johnson DATE
NOTES RED. W.E.
DATE 9-14-54
NOTES CHKD.
DATE

F.B. 1847 PG. 66

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. P.C.#17	3416.139				3416.~~106~~ .286	See precd. page
	1.910		2.446			
π	18049	- 6.020	6.019		-6.019	
	7.930		8.465			
T.P	10.119				3410.167	
	1.801		1.495			
π	11.920	- 6.909	8.708		-6.908	
	8.710		8.403			
T.P.	03.210				3403.259	
	7.680		8.138			
π	10.890	- 2.717	- 2.717		-2.717	
	10.397		10.855			
T.P.	3400.493				3400.542	
	0.833		1.342			
π	01.326	- 7.899	- 7.898		-7.898	
	8.732		9.240			
TP	3392.594				3392.644	
	7.512		7.183			
π	3400.106	+ .199	+ .203		+0.201	
	7.313		6.980			
TP.	3392.793				3392.845	
	1.633		1.223			
π	94.426	- .615	- .617		-0.616	
	2.248		1.840			
T.P.	92.178				3392.229	
	4.002		4.690			
π	96.180	+ .005	+ .005		+0.005	
	3.997		4.685			B.M. P.C.#18
B.M. P.C.#18	3392.183				3392.~~234~~ .255	Prop Pine Cn Rd 40'± N'ly, Sta 3+80 at Toe S'ly Slope hill Set std C.S. Br Cap Mon. Stpd. B.M. PC 18

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. P.C. #18	3392.183				3392 ~~.224~~ .255	See preced. page
	0.471		0.960			
π	92.654	-10.480	-10.480		-10.480	
	10.951		11.440			
T.P.	81.703				3381.754	
	1.200		1.481			
π	82.903	-9.311	-9.311		-9.311	
	10.511		10.792			
T.P.	72.392				3372.443	
	0.742		0.538			
π	73.134	-8.925	-8.922		-8.923	
	9.667		9.460			
T.P.	63.467				3363.520	
	2.580		3.008			
π	66.047	-2.553	-2.552		-2.552	
	5.133		5.560			
T.P.	60.914				3360.968	
	3.842		4.099			
π	64.756	-1.694	1.692		-1.693	
	5.536		5.791			
T.P.	59.220				3359.275	
	2.768		3.057			
π	61.988	-3.820	-3.821		-3.820	
	6.588		6.878			
T.P.	55.400				3355.455	
	1.951		2.355			
π	57.351	-4.287	-4.286		-4.286	
	6.238		6.641			
T.P.	3351.113				3351.169	

NOTES RED. W. F. JOB NO. 290460 SURVEY OF Pine Cir Rd
DATE 9-14-54 SURVEY BY [illegible]
NOTES CHKD. NOTES BY M. A. [illegible] DATE 8-30-54
DATE INDEXED J. C. [illegible] DATE

F.B. 1817 PG. 67

769420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 020460 SURVEY OF Pine Cr Rd
SURVEY BY R.L. Willey
NOTES BY M.A. Walsh Jr. DATE 8-31-54
INDEXED J. O. Johnson DATE
NOTES RED. W.B. DATE 9-14-54
NOTES CHKD. DATE

F.B. 1847 PG. 68

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. ~~B.M.P.C.#19~~	3351.113				3351.~~168~~ .190	~~B.M.P.C.#19~~ T.P.
	6.271		6.698			Prop Pine Cr Rd 73'± Nly Sta 367+34
π	57.384	- 1.914	- 1.914		-1.914	at toe Sly Slope hill
	8.185		8.612			Set Std. C.S. Br. & Mon. Stpd B.M. P.C. 19
BMPC #19 ~~T.P.~~	49.199				3340.255	B.M.P.C. # 19
	2.402		2.780	2.895		
π	51.601	- 6.488	- 6.478	- 6.480	-6.479	
	8.890		9.258	9.375		
T.P.	42.711				42.776	
	2.280		2.701			
π	44.991	- 2.135	- 2.137		-2.136	
	4.415		4.838			
T.P.	40.576				3340.640	
	6.612		7.038			
π	47.188	+ .173	+ .170		+0.172	
	6.439		6.868			
T.P.	40.749				40.812	
	7.775		8.072			
π	48.524	+ 6.864	+ 6.867		+6.866	
	0.911		1.205			
T.P.	47.613				47.678	
	8.463		8.807			
π	56.076	+ 7.411	+ 7.409		+7.410	
	1.052		1.398			
T.P.	55.024				55.088	
	7.680		10.082			
π	64.704	+ 9.190	+ 9.190		+9.190	
	0.490		0.892			
T.P.	3364.214				3364.278	

766420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	33 64.214				3364.278	
	11.199		11.630			
⊼	75.413	+ 10.177	+ 10.173		+10.175	
	1.022		1.457			
T.P.	74.391				3374.453	
	8.989		10.087			
⊼	83.380	+ 8.807	+ 8.807		+8.807	
	0.182		1.280			B.M. P.C. #20
B.M. P.C. #20	33 83.198				3383.~~260~~ .281	Prop. Pine Cñ Rd 140 ± Nly. Sta. 383
	1.153		0.709			Under Edison Trans. Tower 221-L
⊼	84.351	- 10.324	- 10.321		-10.322	Set Std. C.S. Br. Cap Mon. Stpd. B.M. P.C.
	11.477		11.030			
T.P.	72.874				3372.938	
	1.530		1.978			
⊼	74.404	- 8.968	- 8.967		-8.967	
	10.498		10.945			
T.P.	63.906				3363.971	
	1.190		1.482			
⊼	65.096	- 9.704	- 9.706		-9.705	
	10.894		11.188			
TP	54.202				3354.266	
	1.843		2.012	2.273		
⊼	56.045	- 5.585	- 5.585	- 5.585	-5.585	
	7.428		7.597	7.858		
T.P.	48.617				3348.681	
	1.748		2.128			
⊼	50.365	- 7.292	- 7.292		-7.292	
	9.040		9.420			
T.P.	33 41.325				3341.389	

NOTES RED. W. E. JOB NO. 090460 SURVEY OF Pine Cñ Rd
DATE 9-14-54 SURVEY BY R. L. Willey
NOTES CHKD. NOTES BY M. A. Walsh Jr. DATE 8-31-54
DATE INDEXED C. Johnson DATE

F.B. 1847 PG. 69

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Do not extend notes this side of this line

JOB NO. 090460 SURVEY OF Pine Cir Rd
SURVEY BY R.L. Willey
NOTES BY M.A. Welsh Jr. DATE 8-31-59
INDEXED L. O. Johnson DATE
NOTES RED. W.E. DATE 2-14-54
NOTES CHKD. DATE
F.B. 1847 PG. 70

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3341.325				3341.389	
	3.379		3.090			
T	44.704	- 7.356	- 7.359		-7.357	
	10.735		10.449			
T.P.	33.969				3334.032	
	4.017		4.140			
T	37.986	- 1.353	- 1.349		-1.351	
	5.370		5.489			
T.P.	32.616				3332.681	
	3.342		3.590			
T	35.958	- 2.363	2.358		-2.360	
	5.705		5.948			
T.P.	30.253				3330.321	
	1.602		1.265			
T	31.855	- 1.763	1.765		-1.764	
	3.365		3.030			
T.P.	28.490				3328.557	
	7.622		7.945			
T	36.112	+ 1.291	+ 1.294		+1.293	
	6.331		6.651			
T.P.	29.781				3329.850	
	7.620		7.842			
T	37.401	+ 2.708	+ 2.708		+2.708	
	4.912		5.134			
B.M. P.C. #21	33 32.489				3332.~~550~~ .580	Int. Eliz. Lake Pine Cir Rd. & Johnson Rd. N.E. Cor. 11' W. of a 30" Cottonwood tree & 15' S. of P.P. #524086E near fence Cor. Set Std. C.S. Br. Cap Mon. Stpd. B.M. P.C. 21
	4.899		4.633			
T	37.388	- 2.844	- 2.847		-2.845	
	7.743		7.480			
U.S.B.M. 1465	33 29.645				3329.~~713~~ .735	U.S.B.M. 1465 description next page

Note
Levels To San Francisquito on Rd. see pg #83

768420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
U.S.B.M. 1465	3329.645				3329.~~710~~ .735	U.S.B.M. 1465 Elev = 3330.[illegible]
	2.419		2.732			Int. of Eliz. Lake Pine Cn Rd & Johnson Rd
⊼	32.064	- 3.871	- 3.873		-3.872	S.E. Cor. fd IP with 4" br tablet Stpd.
	6.290		6.605			U.S. Forest Res Bdy Post #83 R14W 29[illegible] 32[illegible]
T.P.	25.774				3325.841	
	0.865		1.161			
⊼	26.639	- 5.293	- 5.289		-5.291	
	6.158		6.450			
T.P.	20.481				3320.550	
	2.487		2.872			
⊼	22.968	- 4.965	4.966		-4.965	
	7.452		7.838			
T.P.	15.516				3315.585	
	2.013		2.323			
⊼	17.529	- 3.735	3.735		-3.735	
	5.748		6.058			
T.P.	11.781				3311.850	
	4.730		5.070			
⊼	16.511	- .842	- .841		-0.841	
	5.572		5.911			
T.P.	10.939				3311.009	
	0.523		0.790			
⊼	11.462	- 8.895	- 8.895		-8.895	
	9.418		9.685			
T.P.	3302.044				3302.114	
	2.930		3.385			
⊼	04.974	- 2.413	- 2.412		-2.412	
	5.343		5.797			B.M.P.C. #22
B.M.P.C. #22	3299.631				3299.~~700~~ .724	Elizabeth Lake Pine Cn Rd S[illegible] Mi. W. Johnson Rd. at fr. Cor. [illegible] set Std. CS br cap man, Std [illegible]

NOTES RED. W. Ev. JOB NO. 090460 SURVEY OF Pine Cn Rd
DATE 9-14-54 SURVEY BY R. L. Willey
NOTES CHKD. NOTES BY M. J. Wolf Jr. DATE 8-31-54
DATE INDEXED C. JOHNSON DATE

F.B. 1847 PG. 71

F.B. 1847 PG. 72

JOB NO. 090460 SURVEY OF Fine C-Rd NOTES RED. W.E.
SURVEY BY P.L. Willey DATE 8-1-54 DATE 9-14-54
NOTES BY A. G. Johnson DATE NOTES CHKD.
INDEXED DATE DATE

769420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM P.C #22	3299.631				3299.~~102~~ .724	B.M. P.C. 22
	4020		4.511			
π	3303.651	+0.402	+0.399		+0.401	
	3.618		4.112			
T.P.	3300.033				3300.103	
	3353		3.789			
π	3303.386	-1.679	-1.681		-1.680	
	5032		5.470			
T.P.	3298.354				3298.423	
	2900		3.189			
π	3301.254	-3.831	-3.831		-3.831	
	6.731		7020			
T.P	3294.523				3294.592	
	1732		1.978			
π	96.255	-3.813	-3.812		-3.812	
	5545		5.790			
T.P.	90.710				3290.780	
	1.742		2.133			
π	92.452	-4.229	-4.228		-4.228	
	5.971		6.361			
T.P.	86.481				3286.552	
	2008		2.258			
π	88.489	-3.099	3.101		-3.100	
	5107		5.359			
TP	83.382				3283.452	
	3400		3.818			
π	86.782	-2.180	-2.182		-2.181	
	5580		6000			
T.P.	3281.202				3281.271	

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3281,202				3281-271	
	4651		5,100			
T	85,853	-1,946	-1,946		-1.946	
	6597		7,046			BM PC 23
BM PC 23	3279,256				3279.~~325~~ .348	Elizabeth Lake Pine Cn Rd + [illegible]
	7678		8,090			boo Rd 15'N + 17'S of [illegible]
T	86,934	+4,013	+4,012		+4.013	at NWly End of W. Rockwall [illegible]
	3665		4028			To Lake Elizabeth Ranch [illegible]
T.P.	83,269				3283.338	set std B.S. br. Cap. Mon. Stp [illegible]
	2,511		2,975			
T	85,780	+0.201	+0.200		+0.201	
	2310		2775			
TP	83,470				3283.539	
	7949		8,460			
T	91,419	+6,158	+6,161		+6.160	
	1,791		2,299			
T.P.	89,628				3289.699	
	5150		5587			
T	94,778	+2,898	+2,897		+2.898	
	2,252		2690			
T.P.	92,526				3292.597	
	7,273		7,681			
T	99,799	+3.261	+3.261		+3.261	
	4,012		4420			
T.P.	95,787				3295.858	
	1,460		2,038			
T	97247	-3,058	-3,053		-3.055	
	4518		5,091			
T.P.	3292,729				3292.803	

NOTES RED W.T. JOB NO. 090460 SURVEY OF Pine Cn Rd
NOTES CHKD. SURVEY BY R. Willey DATE Oct 1-54
NOTES BY K. O. Johnson DATE
INDEXED DATE

F.B. 184 PG. 73

765420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3292.729				3292.803	
	2493		2,843			
π	95222	-5,765	-5,767		-5.766	
	8,258		8,610			
T.P.	86,964				3287.037	
	0.398		0,870			
π	87.362	-3,883	-3,882		-3.882	
	4,281		4,752			
T.P	83,081				3283.155	
	6421		6890			
π	89,502	+5,544	+5,543		+5.544	
	0.877		1,347			
TP	88,625				3288.699	
	4,815		5203			
π	93,440	-0,136	0,136		-0.136	
	4951		5339			
T.P.	88,489				3288.563	
	8601		8,811			
π	97,09	+4,543	+4,543		+4.543	BM #PC24
	4,058		4268			Elizabeth Lake Pine Cr Rd
BM PC.24	93,032				3293.~~[illegible]~~ .129	34± N of ℄ of Curve at Willow springs
	1.023		0,750			Rd. 210± W of Ely Junction Willow
π	94055	-5,535	-5540		-5.537	Spring Rd.
	6558		6,290			set std GS. br cap mon. stpd BM PC24
T.P.	87,497				3287.569	
	7.952		8,219			
π	95.449	+5.341	+5,341		+5.341	
	2611		2878			
T.P.	3292,838				3292.910	

JOB NO. 090460 SURVEY OF Pine Cr Rd
SURVEY BY R.L. Willey DATE 8-1-54
NOTES BY
INDEXED A. O. Johnson DATE
NOTES CHKD.
DATE

F.B. 1842 PG. 74

768420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3292.838				3292.910	
	6.092		6.562			
π	98.930	+3.767	+3.769		+3.768	
	2325		2.793			
TP	96.605				3296.678	
	4.800		5.252	5.063		
π	3301.405	-0.270	-0.261	-0.270	-0.270	
	5.070		5.513	5333		
T.P.	3296.335				3296.408	
	2.689		3.110			
π	3299.024	-1.102	-1.099		-1.100	
	3.791		4.209			
T.P.	3295.233				3295.308	
	6.039		6.395			
π	3301.272	+5.449	5.448		+5.449	
	0.590		0.947			
T.P.	3300.682				3300.757	
	10.620		10.211	10.647		
π	3311.302	+8.702	+8.684	+8.705	+8.704	
	1.918		1.527	1.942		
T.P.	3309.384				3309.461	
	7.501		7.915			
π	3316.885	+0.919	+0.918		+0.919	
	6.582		6.997			
T.P.	3310.303				3310.380	
	1.113		1.439			
π	3311.416	-6.015	-6.011		-6.013	
	7.128		7.450			
T.P.	3304.288				3304.367	

NOTES RED. W. E. JOB NO. 090460 SURVEY OF Pine Cr Rd
NOTES CHECKED BY
NOTES BY
DATE
INDEXED
DATE
DATE

F. B. 1847 PG. 75

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3304.288				3304.367	
	2970		3423			
⊼	3307.258	-0.527	-0.529		-0.528	
FD.	3.497		3952			
TBM.	3303.761				3303.~~839~~ .863	FD. TBM. FB 1672-23 Elev = 3304.18
	~~4.342~~		~~6.828~~			Spk on So. Side PP# 307277E
⊼	~~3310.103~~	+3.932	~~+3.933~~			2250'± W of Willow Spgs. Rd on Elizabeth -
	~~2.410~~		~~2.895~~			Pine Cñ. Rd.
T.P.	~~3307.693~~					
	~~6.490~~		~~6.130~~			
⊼	~~3311.183~~	+1.799	~~+1.798~~			
	~~4.691~~		~~4.332~~			
T.P.	~~3309.492~~					
	~~2.958~~		~~3.345~~			
⊼	~~3312.450~~	-1.962	~~1.963~~			
	~~4.920~~		~~5.308~~			
T.P.	~~3307.530~~					
	3.691		4.238			
⊼	07.452	+1.064	+1.066		+1.065	BM # PC 25.
	2.627		3.172			Elizabeth Lake Pine Cn Rd N side
BM PC25	3304.825				3304.~~904~~ .928	40'± N ℄, 13° E P.P. # 307277E, 18° W. of culvert #,
	5.597		5.972			16.08, 25'± E of ⊼ dirt road
⊼	10.422	+4.350	+4.351		+4.351	set std. C.S. br. cap mon stpd BM. PC 25
	1.247		1.621			
TP	09.175				3309.255	
	5.217		5.482			
⊼	14.392	-0.446	-0.451		-0.448	
	5663		5933			
T.P.	3308.729				3308.807	

VOID

JOB NO. 0904 60 SURVEY OF Pine Cn
SURVEY BY R.L. Willey DATE 9-7-
NOTES BY A. C. Johnson DATE
INDEXED DATE
NOTES RED. W.E. DATE 9-14-54
NOTES CHKD. DATE

F.B. 1847 Pg. 76

NOTES RED. W. E. JOB NO. 09046 SURVEY OF Pine Cn Rd
DATE [illegible] NOTES BY [illegible] DATE 9-7-54
NOTES CHKD. [illegible] INDEXED [illegible] DATE
DATE

F. B. 1847 PG. 77

768420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3308.729				3308.807	
	2.065		2.531			
Π	10.794	-3.118	-3.121		-3.119	
	5.183		5.652			
T.P.	3305.611				3305.688	
	1.755		2.410			
Π	07.366	-3.538	-3.539		-3.538	
	5.293		5.949			
T.P.	3302.073				3302.150	
	4.100		4.550			
Π	06.173	+0.505	+0.503		+0.504	
	3.595		4.047			
T.P.	3302.578				3302.654	
	5.582		5.447	5.685		
Π	08.160	+2.287	+1.787	+2.288	+2.288	
	3.295		3.660	3.397		
T.P.	3304.865				3304.942	
	5.271		5.769			
Π	10.136	+2.419	+2.421		+2.420	
	2.852		3.348			
T.P.	3307.284				3307.362	
	4.810		5.282			
Π	12.094	+1.975	+1.972		+1.974	
	2.835		3.310			
T.P.	09.259				3309.336	
	4.783		5.320			
Π	14.042	+1.388	+1.390		+1.389	
	3.395		3.930			
T.P.	3310.647				3310.725	

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3310,647				3310.725	
	3,772		4,112			
Ā	14,419	-1,129	1,130		-1.129	
	4901		5,242			
TP	3309,518				3309.596	
	3079		3,480			
Ā	12,597	-2.422	-2,422		-2.422	
	5,501		5902			
T.P.	3307,096				3307.174	
	2,695		3,251			
Ā	09,791	-3,053	-3,057		-3.055	
	5,748		6308			
T.P.	3304,043				3304.119	1681
	2351		2,778			951736E
Ā	06,394	-3,707	-3702		-3.704	
	6058		6480			
T.P.	3300,336				3300.415	
	2790		3,102			
Ā	03,126	-1.340	-1,340		-1.340	
	4130		4442			BM# PC 26
BM# PC,26	3298.996				3299.~~075~~ .100	Elizabeth Lake Pine Cn Rd N side
	1,238		1,803			40' I N. of ℄ 5' W. of P.P. #951736E
Ā	3300.234	-4,377	-4,377		-4.377	52' I E of culvert # 16.81
	5,615		6.180			set Std. C.S. br. cap Mon. stpd B.M. PC 26
T.P.	3294,619				3294.698	
	2,995		3,700			
Ā	97.614	-2,168	2168		-2.168	
	5,163		5868			
T.P.	3292,451				3292.530	

JOB NO. 090460 SURVEY OF Pine Cn Rd NOTES RED W.E.
SURVEY BY E.L. Willey DATE 9-14-54
NOTES BY K. O. Johnson DATE 9-7-54 NOTES CHKD.
INDEXED DATE DATE

F.B. 1847 Pg. 78

766420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	329.2451				3292.530	
	3092		3.593			
Π	95.543	-2.163	-2.162		-2.162	
	5.255		5.755			
T.P.	90.288				3290.368	
	3800		4.251			
Π	94.088	-1.068	-1.069		-1.068	
	4.868		5.320			
TP	89.220				3289.300	
	3.935		4.338			
Π	93.155	-1.486	-1.485		-1.485	
	5.421		5.823			
TP.	87.734				3287.815	
	2841		3.3~~15~~ 23			
Π	90.575	-2.487	-2.4~~86~~	-2.487	-2.487	
	5.328		5.810			
T.P.	85.247				3285.328	
	3.267		3.762	3.298		
Π	88.514	-1.371	-1.378	-1.380	-1.379	
	4638		5.140	4678		
T.P.	83.876				3283.949	
	4.473		5.070			
Π	88.349	+0.725	+0.730		+0.728	
	3748		4340			
T.P.	84.601				3284.677	
	5.153		5.408	5.550		
Π	89.754	+0.441	+0.433	+0.430	+0.432	BM PC 27
	4712		4975	5120		Elizabeth Lake Pure Co[illegible]
BM PC 27	328.5042				3285.~~100~~ .184	40.[illegible] of ℄, at E. edge Bd. To[illegible]
						Set std. C.S. for Cap. Mon. Sto[illegible]

NOTES RED W.E. JOB NO. 0004.60 SURVEY OF Pine Tr. Rd.
DATE 8-14-54 SURVEY BY R. Wilcox
NOTES CHKD. NOTES BY J. C. Johnson DATE 4-7-54
DATE INDEXED DATE

F.B. 1443 PG. 79

769420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 090469 SURVEY OF Pine Cr Rd
SURVEY BY R.L. Willet NOTES RED. W.E. DATE 3-14-54
NOTES BY L. A. Johnson DATE 9-8-54 NOTES CHKD. DATE
INDEXED DATE

F.B. 1847 PG. 80

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM PC27	3285.042				3285.~~100~~ .132	
	4.177		4.543			
Π	89.219	-1.148	-1.152		-1.150	
	5.325		5.695			
T.P.	83.894				3283.959	
	2.092		2.430			
Π	85.986	-4.670	-4.668		-4.669	
	6.762		7.098			
T.P.	79.224				3279.290	
	2.370		2.133			
Π	81.594	-5.613	-5.618		-5.615	
	7.983		7.751			
T.P.	73.611				3273.675	
	2.439		2.127			
Π	76.050	-4.243	-4.243		-4.243	
	6.682		6.370			
T.P.	69.368				3269.432	
	2.488		2.802			
Π	71.856	-3.439	-3.440		-3.439	
	5.927		6.242			
T.P.	65.929				3265.993	
	2.873		3.199			
Π	68.802	-1.619	-1.618		-1.618	
	4.492		4.817			
T.P.	64.310				3264.375	
	4.065		4.309			
Π	68.375	-0.327	-0.323		-0.325	
	4.392		4.632			
T.P.	3263.983				3264.050	

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3263.983				3264.050	
	3772		4,067			
⊼	67755	-1.880	-1,881		-1.880	
	5652		5948			
T.P.	62,103				3262-170	
	2,111		2,378			
⊼	64214	-0,569	-0,570		-0.569	
	2,680		2948			
T.P.	61,534				3261-601	
	5,481		5,754			
⊼	67.015	+4,552	+4,552		+4-552	
	0929		1,202			
T.P.	66.086				3266.153	
	3,989		4,320			
⊼	70,075	+3,341	+3,339		+3.340	
	0,648		0981			
T.P.	69,427				3269.493	
	11,268		10,688			
⊼	80.695	+8,773	+8,776		+8.775	
	2,495		1,912			BM U.S. 1469 Elev. = 3[illegible]
BM U.S. 1469	3278.200				3278.~~268~~ .294	N.E. Cor. of Lake Hugh's F[illegible]
						fd std c.s. br. Cap Mon. stpd [illegible]

COUNTY SUR[illegible]
7 N
23 2[illegible]
26 2[illegible]
1928
15W
MONUM[illegible]

NOTES RED. W.E. JOB NO. 000460 SURVEY OF Pine Cn Rd
DATE 9-14-54 SURVEY BY R.L. Willett
NOTES CHKD. NOTES BY [illegible] DATE 9-1-54
DATE INDEXED E. C. Johnson DATE

F.B. 1847 PG. 81

F. B. 1947 Pg. 82

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY _____ DATE _____ NOTES CHKD. _____
INDEXED _____ DATE _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

765420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
723 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMPC21	3332.489				3332.~~558~~ .580	BM PC 21, El- FB 1847-
	4102		4.434			int. Elizabeth Lake Pine Cn Rd Joh
π	36.591	-2.850	-2.851		-2.850	N.E. Cor. 11' W. of 30" collonwood 45' S.
	6952		7.285			Fd std cs br cap Mon. stpd BM P
USBM1465	29.639				3329.~~708~~ .735	USBM 1465 El = FB 1497-
	0211		0450	0.489		int Elizabeth Lake Pine Cn Rd SE
π	29.850	-6.682	-6.689	-6.685	-6.684	Fd I.P. with 4" br. Tablet stpd U.S.
	6893		7139	7174		Res. Bndy Post #83 R14W 29 32 3
T.P.	22.957				3323.024	
	1.972		2.120			
π	24.929	-2.771	2772		-2.771	
	4.743		4892			
T.P.	20.186				3320.253	
	5307		5.610			
π	25.493	+3.582	3.578		+3.580	
	1.725		2032			
T.P.	23.768				3323.833	
	4.818		5209			
π	28.586	+2.281	+2.279		+2.280	
	2.537		2930			
T.P.	26.049				3326.113	
	7.699		7148			
π	33.748	+5.051	+5.049		+5.050	
	2648		2.099			
T.B.M.	3331.100				3331.163	T.B.M. set spk W. side T.P.
	3130		3.572			
π	34.230	-1.902	-1.903		-1.902	
	5.032		5.475			
T.P.	3329.198				3329.261	

NOTES RED. W.E. JOB NO. 0424 60 SURVEY OF Pine Cn Rd
DATE 9-14-54 SURVEY BY R.L. Willey
NOTES CHKD. NOTES BY " DATE 9-2-54
DATE INDEXED E. C. Johnson DATE

F.B. 1847 PG. 83

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3329.198				3329.261	
	4808		5332			
π	34006	+3,733	+3,732		+3.732	
	1075		1,600			
T.P.	32,931				3332.993	
	5,801		5570	6151		
π	38,732	+5,009	+5,002	+5,011	+5.010	
	0792		0,568	1,140		Strong W. wind blowing
T.P.	37,940				3338.003	
	7,898		8,081	7,950		
π	45,838	+7,585	+7.579	+7,577	+7.578	
	0,313		0.502	0373		
T.P.	45,525				3345.581	
	6303		6,638			
π	51,828	+3,804	+3,808		+3.806	
	2,499		2830			
T.P.	49,329				3349.387	
	7911		7,657			
π	57,240	+6,789	+6.787		+6.788	
	1122		0870			
T.P.	56,118				3356.175	
	9020		9,260			
π	65,138	+7,941	+7,941		+7.941	
	1079		1319			
T.P.	64,059				3364.116	
	10,370		10,622			
π	74,429	+9,831	+9.829		+9.830	
	0.539		0,793			
T.P.	3373,890				3373.946	

JOB NO. 090060 SURVEY OF Pine Cn Bd NOTES RED W.E.
SURVEY BY E.L. Willey DATE 9-14-54
NOTES BY " DATE 9-2-54 NOTES CNKD
INDEXED C. Johnson DATE DATE

F.B. 1847 PG. 84

765420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3373.890				3373.946	
	3.868		4.085			
T	77.758	+0.190	+0.190		+0.190	
	3.678		3.895			
T.P.	74.080				3374.136	
	4.632		5.052			
T	78.712	+4.224	4.221		+4.223	
	0.408		0.831			
TP	78.304				3378.359	
	9.509		9.757			
T	87.813	+9.084	+9.086		+9.085	
	0.425		0.671			
TP	87.388				3387.444	
	10.408		10.698			
T	97.796	+6.090	+6.088		+6.089	
	4.318		4.610			
TP	93.478				3393.533	
	6.813		7.160			
T	3400.291	+1.103	+1.107		+1.105	
	5.710		6.053			
T.P.	94.581				3394.638	
	7.159		7.451			
T	3401.740	+6.907	+6.908		+6.908	
	0.252		0.543			
USBM-433	3401.488				3401.~~546~~ .568	USBM 433 El = 3401.793 FB 167 At Junction Elizabeth Lake + San Francisquito Cn El 55± 'E +11± S. of E end of Bc Turn Fd A.P. with 4" br. [illegible]

GEOLOGICAL RESET STOP [illegible] ELEV [illegible] 3401 BATUM [illegible] B.M.

NOTES RED. W.E. JOB NO. 09046 SURVEY OF PINE CN
NOTES GREEN. NOTES BY " DATE 4-2-54
DATE INDEXED DATE

F.B. 1847 PG. 85

768420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 09-2846 SURVEY OF Bmc Co. Rd. NOTES RED. W.E.
SURVEY BY B.L. Miller DATE 9-22-53 DATE 2-24-54 NOTES CHKD.
NOTES BY L. O. Johnson DATE DATE
INDEXED DATE
F.B. 1847 Pg. 86

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	Check of Elevs Between BM PC. 3 Pg # 44 and BM PC 4 Pg # 45					
BM PC3	3209.249				3209.~~220~~ .241	
	6.190		6.488			
T	3215.439	+2.243	+ 2.243		+2.243	
	3.947		4.245			
TP	3211.492				3211.472	
	8.031		8.508			
T	3219.523	+7.348	+ 7.348		+7.348	
	0.683		1.160			
T.P.	3218.840				3218.820	
	7.712		8.253			
T	3226.552	+2.454	+2.452		+2.453	
	5.258		5.801			
T.P.	3221.294				3221.273	
	10.495		10.962			
T	3231.789	+9.980	+ 9.977		+9.979	
	0.515		0.985			
T.P.	3231.274				3231.252	
	6.014		6.829			
T	3237.288	-4.236	- 4.233		- 4.234	
	10.250		11.062			
TP	3227.038				3227.018	
	3.218		3.908			
T	3230.256	-5.472	- 5.472		-5.472	
	8.690		9.380			
T.P.	3221.566				3221.546	

765420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3221.566				3221.546	
	4051		4.493			
T	3226.617	-6.249	-6.252		-6.250	
	10.300		10.745			
T.P.	3215.317				3215.296	
	3,253		3608			
T	3218.570	+1.042	+1.039		+1.041	
	2,211		2,569			
T.P.	3216.359				3216.337	
	5.517		5.868			
T	3221.876	+2.150	2.150		+2.150	
	3367		3718			
BM # PC4	3218.509				3218 ~~.507~~ .500	BM # PC4 prop Pine C. Rd 50' ± N. St[illegible] on W. slope set std. c.s. br. cap mon. stpd [illegible]

NOTE
Check Levels between BM PC9, pg # 54 and BM # PC10, [illegible]

BM # PC9	3365.479				3365 ~~.503~~ .519	BM # PC9 North ridge Rd. prop. Pine C[illegible] at fr cor, 25' ± s. of 159+9[illegible] s. of windmill. set std. c.s. mon. stpd BM[illegible]
	2.387		2.663			
T	3367.866	+1.367	+1.363		+1.365	
	1,020		1,300			
TP	3366.846				3366.868	
	6185		6450			
T	3373.031	+2.215	+2.218		+2.217	
	3,970		4232			
T.P.	3369.061				3369.085	

NOTES RED. W.E. JOB NO. 22460 SURVEY OF Pine Cr. Rd.
DATE 9-27-54 SURVEY BY R. Wilcox DATE 9-54
NOTES CHKD. NOTES BY K. C. Johnson
DATE INDEXED DATE

F.B. 1847 PG. 87

76S420 353 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3369.061				3369.085	
	3.269		3.670			
π	3372.330	+0.017	+0.018		+0.018	
	3.252		3.652			
TP	3369.078				3369.703	
	6.818		7.199			
π	3375.896	+4.615	+4.614		+4.615	
	2.203		2.585			
TP	3373.693				3373.718	
	3.738		4.067	3.730		
π	77.431	+0.979	+0.986	+0.978	+0.979	
	2.759		3.081	2.752		
T.P.	3374.672				3374.697	
	8.468		8.898			
π	83.140	+8.080	8.078		+8.079	
	0.388		0.820			
T.P.	3382.752				3382.776	
	10.411		10.731			
π	3393.163	+9.949	+9.949		+9.949	
	0.462		0.782			
T.P.	3392.701				3392.725	
	9.000		9.300			
π	3401.701	+8.308	+8.307		+8.308	
	0.692		0.993			
T.P.	3401.009				3401.033	
	10.843		11.182	10.472		
π	3411.852	+7.573	+7.564	+7.572	+7.573	
	3.270		3.618	2.900		
TP	3408.582				3408.606	

JOB NO. 090460 SURVEY OF Pine Cr Bd
SURVEY BY R L Willey DATE 9-22-54
NOTES BY L. DATE 9-22-54
INDEXED E. C. Johnson DATE
NOTES RED. W.E. DATE 9-24-54
NOTES CHKD. DATE

F.B. 1847 PG. 88

76S420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	3408.582				3408.606	
	2867		3.198			
⊼	3411.449	-0.088	-0.092		-0.090	
	2.955		3.290			
TP	3408.494				3408.316	
	7459		7.818			
⊼	3415.953	+4.607	+4.607		+4.607	
	2.852		3211			
BM #PC10	3413.101				3413.~~123~~ .139	BM #PC 10 Prop. Pine Cn Rd 50'± N. [illegible] 183+50 at S. Toe of slope [illegible] set std C.S. bs Cap Mon. Stpd [illegible]

NOTES RED. W.E. JOB NO. 090466 SURVEY OF Pine Cn Rd
DATE 9-24-54 SURVEY BY R. L. Kvilic-1
NOTES CHKD. NOTES BY " DATE 9-22-54
DATE INDEXED E. C. Johnson DATE

F.B. 1847 PG. 88A

[illegible] 1147 PG. [illegible]

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

765420 353 8-49

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Profile Notes Red. JRE Plotted Job No. 0940.60 Division No. F.B. 1847

Pine Cn Rd 9-12-54

No. Date Date Map No. Date

PROFILE & CROSS SECTIONS

PROP. PINE CN RD.

JN 0940.60

Sept 1954

E.L. Willey
J.C. Pierce
J.P. McCall
D.H. Beers

NOTE: Add 200' to all Stationing to conform with Alignment and Profile Maps.

STATION	B.S.	H.I.	F.S.	ELEV.
BM				

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

76LE88 307 8-53

76L298 307 8-53

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
BM #15	3 52	3060.88		3057.36	BM #15 El = 3057.356 FB. Elizabeth Lake Pine Cn Rd NE cor std. cs br. cap Mon. Stpd BM No. 15
0+00 BC			2.65	58 23	℄ pvmt
9 8 R			2.83	58 05	N edge pvmt
18 7 R			2.9	58 0	bot cut
21 3 R			0.0	60 9	Top "
40 0 R			+1.2	62 1	
75 0 R			+3.8	64 7	
10 6 L			3.13	57 75	S edge pvmt
20 3 L			3.8	57 1	bot brk
22 5 L			3.4	57 5	Top "
28 4 L			5.2	55 7	bot brk
40 0 L			6.2	54 7	
81 0 L			10.4	50 5	
0+50			1.75	59 13	℄ pvmt
9 7 R			1.96	58 92	N edge pvmt
18 0 R			1.9	59 0	bot cut
19 0 R			+1.4	62 3	Top "
40 0 R			+3.3	64 2	
74 4 R			+6.9	67 8	
9 5 L			2.04	58 84	S. edge pvmt
22 5 L			2.5	3058 4	bot brk

Note, These BM. El.'s are Taken from Peg Book and are not adjusted

Profile
Survey of Pine Cn Rd Job No. 290469 Division No. Notes Red. JRE Plotted No.
Survey by P.L. Willey Notes P.L.W. Date 11/10/54 Date X-Sec.
Indexed R. C. Johnson Date Notes Chkd. Checked No.

76L298 307 8-53

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
22 4		3060.88	1.8	3059 1	T brk	
27 5			3.4	57 5	bot brk	
41 0			4.9	56 0		
75 0			9.1	51 8		
1+00			1.40	59 48	℄	
9 0 R			1.37	59 51	Nedge "	
17 5 R			1.3	59 6	B. cut	
20 0 R			+2.5	63 4	T "	
40 0 R			4.6	56 3		
77 3 R			8.4	52 5		
9 7 L			1.59	59 29	sedge prmt	
19 6 L			1.9	59 0	B. brk	
22 5 L			1.0	59 9	T "	
28 5 L			2.8	58 1	b. "	
43 2 L			4.6	56 3		
72 0 L			8.3	52 6		
1+50			1.25	59 63	℄	
7 7			1.43	59 45	Nedge prmt	
16 0			0.9	60 0	bot cut	
19 0			+2.9	63 8	Top "	
41 6			+5 0	3065.9		

Profile Notes Red. JEF Plotted ____ Job No. 09406 Division No. ____ F. B. 1847 Pg. 91
No. ____ Date 11/10/54 Date ____ Survey of Pine Co. Rd
X-Sec. Notes Chkd ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Sheet Johnson Date ____

76L298 307 8-53

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
1+50						
74° R		3060.88	+8.4	3069.3		
13 L			1.24	59.64	℄ pvmt	
10 3 L			1.43	59.45	S. edge "	
20 3 L			1.8	59.1	bot brk	
23 3 L			1.1	59.8	T brk	
28 6 L			2.7	58.2	B "	
81 5 L			9.0	51.9		
T.P.	2.79	3062.33	1.34	3059.54		
2+00			2.61	59.72	℄	
7 0 R			2.86	59.47	N edge pvmt	
16° R			2.4	59.9	bot cut	
19° R			+1.1	63.4	Top cut	
48° R			+3.7	66.0		
72° R			+6.2	68.5		
2 2 L			2.56	59.77	ctr pvmt	
12 2 L			2.83	59.50	S edge "	
21 6 L			3.5	58.8	bot brk	
24° L			2.6	59.7	Top "	
29 7 L			4.7	57.6	bot "	
75° L			9.4	3052.9		

Profile
Survey of Pine Cr Rd
Survey by R L Willey
Indexed C. Johnson
Job No. 090460
Division No.
Notes Red. JRE
Date 11/10/54
Notes Chkd.
Date
Plotted
Date
Checked
Date
No.
X-Sec.
No.
K. B. 1847 Pg. 92

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
2+50		3062.33	2.59	3059.74	℄	
65 R			2.83	59.50	N edge pvmt	
15.0 R			2.9	59.4	bot brk	
18.0 R			0.1	62.2	Top brk	
76.0 R			+5.2	67.5		
35 L			2.57	59.76	ctr pvmt	
14.0 L			3.09	59.24	S. edge "	
23.2 L			3.9	58.4	bot brk	
25.7 L			3.1	59.2	Top brk	
31.0 L			5.0	57.3	bot brk	
75.0 L			10.2	52.1		
3+00			2.95	59.38	℄	
43 R			3.16	59.17	N edge pvmt	
13.6 R			3.5	58.8	bot brk	
17.2 R			0.2	62.1	Top "	
71.5 R			+5.7	68.0		
5.0 L			2.88	59.45	ctr pvmt	
15.3 L			3.55	58.78	s edge pvmt	
25.2 L			4.6	57.7	bot brk	
28.0 L			4.2	58.1	Top brk	
32.8 L			6.0	3056.3	bot brk	

Profile Notes Red JRE Plotted Job No. 090460 Division No.
No. Date 11/10/54 Date Survey of Pine Ave
X-Sec. Notes Chkd. Checked Survey by E.L. Willey Notes R.L.W. Date 9-54
No. Date Date Map No. Indexed Johnson Date

F. B. 1847 Pg. 93

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+00 79.0 L		3062.33	11 L	3051.2		
3+50			3.36	58.97	℄	
2.4 R			3.47	58.86	N edge pvmt	
12.0 R			3.7	58.6	bot cut	
15.0 R			0.6	61.7	Top "	
72.2 R			+5.3	67.6		
6.7 L			3.26	59.07	ctr. pvmt	
17.7 L			3.73	58.60	S edge pvmt	
26.8 L			4.4	57.9	bot brk	
29.0 L			3.9	58.4	Top "	
34.0 L			5.9	56.4	bot brk	
79.7 L			10.9	51.4		
4+00			3.85	58.48	N edge pvmt + ℄	
9.0 R			3.5	58.8	bot cut	
12.3 R			0.4	61.9	Top cut	
76.0 R			+5.3	67.6		
9.7 L			3.57	58.76	ctr pvmt	
20.0 L			3.88	58.45	S edge "	
29.2 L			4.4	57.9	bot brk	
31.3 L			3.6	58.7	Top "	
36.4 L			5.6	3056.7	bot "	

F. B. 1847 Pg. 94
Job No. 090460 Division No. ____ Notes Red. JRE Plotted ____ Profile ____
Survey of Pine Ca Rd Date 11/10/54 Date ____ No. ____
Survey by R. L. Willey Notes R. L. W. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. O. Johnson Date ____ Date ____ No. ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
4+00						
85° L		3062 33	11 0	3051 3		
4+50			4 00	58 33	℄	
7° R			4.09	58 24	bot cut	
9° R			1.2	61 1	Top "	
70° R			+4.8	67 1		
2° L			4.10	58 23	N edge pvmt	
12° L			3.91	58 42	ctr "	
22° L			4.41	57 92	S edge "	
32° L			5.2	57 1	b. brk	
34° L			5.0	57 3	T "	
39° L			7.1	55 2	bot "	
80° L			12.1	50 2		
5+00			4.39	57 94	℄	
3° R			4.4	57 9	bot brk	
6° R			1.1	61 2	Top "	
79° R			+5.9	68 2		
5° L			4.29	58 04	N edge pvmt	
15° L			4 23	58 10	ctr "	
26° L			4.88	57 45	S edge "	
34° L			5 8	56 5	bot brk	
			5.6	3056 7	Top brk	

Profile Notes Red. JRF Plotted _____ Job No. 290469 Division No. _____ F. B. 1847 Pg. 95
No. _____ Date 11/10/54 Date _____ Survey of [illegible] Rd
X-Sec. Notes Chkd. _____ Checked _____ Survey by R.L. Willey Notes [illegible] Date 9-[illegible]
No. _____ Date _____ Date _____ Map No. _____ Indexed [illegible] Johnson Date _____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
5+00						
42.3 L		306283	8.1	3054.2	bot brk	
78.0 L			13.2	49.1		
T.P.	782	306599	4.16	3058.17		
5+50			7.50	58.49	℄ & bot brk	
2.0 R			4.4	61.6	Top brk	
84.0 R			+3.6	69.6		
8.5 L			7.93	58.06	N edge prmt	
19.0 L			7.89	58.10	ctr "	
29.5 L			8.59	57.40	S edge "	
38.5 L			9.5	56.5	bot brk	
41.0 L			9.1	56.9	Top brk	
45.0 L			11.0	55.0	bot	
80.0 L			17.1	48.9		
6+00			4.97	61.02	℄ & Top brk	
4.0 R			4.3	61.7	brk	
40.5 R			1.5	64.5		
75.5 R			+2.2	68.2		
4.0 L			8.0	58.0	bot cut	
12.4 L			7.85	58.14	N edge prmt	
23.0 L			7.87	3058.12	℄ "	

F. B. 1847 Pg. 96 Job No. 090460 Division No. Notes Red. JRF Plotted Date 11/10/54 Date No. Profile
Survey of Pine Cn. Rd. Notes Chkd. Checked Date No. X-Sec.
Survey by R.L. Willey Notes R.L.W. Date
Indexed R. C. Johnson Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
6+00						
33.2 L		3065.99	8.72	3057.27	S edge pvmt	
42.6 L			9.9	56.1	Gut bot brk	
45.0 L			9.6	56.4	T brk	
50.4 L			11.6	54.4	bot brk	
75.0 L			15.3	50.7		
6+50			5.09	60.90	℄ IX	
33.0 R			2.4	63.6		
75.0 R			+3.6	69.6		
59 L			5.9	60.1	Top cut	
10.0 L			8.0	58.0	bot cut	
17.0 L			7.81	58.18	N edge pvmt	
22.0 L			7.61	58.38	ctr "	
32.8 L			8.40	57.59	S " "	
42.4 L			9.6	56.4	bot brk	
43.8 L			9.4	56.6	Top brk	
48.0 L			11.6	54.4	bot "	
54.4 L			12.3	53.7	Top "	
78.0 L			15.1	50.9		
7+00			4.36	61.63	℄ IXI	
22.0 R			4.0	62.0	bot brk	
64.0 R			0.4	3065.6		

Profile Notes Red JRE Plotted Job No. 2904-08 Division No. F. B. 1847 Pg. 92
No. Date 11/10/54 Date Survey of
X-Sec. Notes Chkd. Checked Survey by R.L. Miller Notes R.L.W. Date 9-5-54
No. Date Date Map No. Indexed Johnson Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+00						
75° R		3065.99	0.0	3066 0		
64 L			5.1	60 9	T ~~brk~~ cut	
12° L			7.0	59 0	bo cut	
20.5 L			6.91	59 08	N edge prmt	
30.5 L			6.69	59 30	ctr "	
42° L			7.26	58 73	S. " "	
51° L			8.1	57 9	bot brk	
53° L			7.7	58 3	Top "	
57° L			9.1	56 9	bot "	
61° L			9.7	56 3	Top "	
79° L			10.9	55 1		
7+50			1 0	65 0	℄	
30° R			+0.4	66 4		
80° R			+3.1	69 1		
9° L			1 8	64 2	T brk	
13° L			2.5	63 5	Top brk	
17.2 L			5.4	60 6	" cut	
25.8 L			5 34	6065	N edge prmt	
35.7 L			5 13	6086	ctr "	
47.5 L			5 86	6013	S " "	
56.3 L			6 4	3059 6	bot brk "	

F. B. 1847 PG. 98
Job No. 090966 Division No. Notes Red. JRE Plotted Date 11/10/54 Date No. Profile
Survey of Pine Cr Rd Notes Chkd. Checked Date X-Sec.
Survey by R. L. Willey Notes RLW Date No.
Indexed R. C. Johnson Date

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
57.3 L		3065.99	5.6	3060.4	top brk	
60.0 L			5.6	60.4	" "	
62.5 L			6.6	59.4	bot "	
77.0 L			7.5	58.5		
T.P.	7.10	3072.58	0.51	3065.48		
8+00			5.81	66.77	℄	
40.0 R			4.0	68.6		
75.0 R			2.0	70.6		
13.7 L			6.7	65.9	T brk	
22.0 L			7.8	64.8	T "	
24.2 L			9.4	63.2	bot "	
34.0 L			10.28	62.30	N. edge pvmt	
44.5 L			10.35	62.23	ctr "	
54.5 L			11.15	61.43	S " "	
62.5 L			11.5	61.1	bot brk	
63.5 L			10.2	62.4	Top "	
69.0 L			11.6	61.0	bot "	
8+50			3.34	69.24	℄	
30.0 R			1.0	71.6		
75.0 R			+2.8	75.4		
12.0 L			4.0	3068.6	T brk	

Profile No. ____ Notes Red. JRE Plotted ____ Job No. 090460 Division No. ____ F. B. 1847 Pg. 99
Date 11/14/54 Date ____ Survey of [illegible]
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Wiley Notes RLW Date ____
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+50						
28.0 L		3072.58	5.8	3066.8	Top brk	
44.7 L			9.10	6348	N edge pvmt	
56.2 L			9.40	6318	ctr "	
66.4 L			10.41	6217	S " "	
70.8 L			10.1	62.5	bot brk	
73.0 L			8.7	63.9	Top	
9+00			1.90	7068	℄ 1x1	
21.0 R			0.0	72.6	slope	
75.0 R			5.6	67.0	slope	
41.0 L			4.5	68.1	Top brk	
48.0 L			5.3	67.3	" "	
53.0 L			7.7	64.9	bot brk	
61.3 L			8.79	6379	N edge pvmt	
73.2 L			9.28	6330	ctr "	
83.4 L			10.23	6235	S " "	
9+50			1.22	7136	℄ 1x1	
45.0 R			2.7	69.9	Slope	
75.0 R			6.4	66.2	"	
43.0 L			4.2	68.4	slope	
69.5 L			5.7	66.9	Top brk	
74.0 L			7.1	3065.5	" "	

F. B. 1847 Pg. 100 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr. Rd. Date 11/10/54 Date No.
Survey by R.H. Willey Notes R.H.W. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
9+50						
77.5 L		3072.58	9.2	3063.4		
T.P.	9.04	3079.97	1.65	3070.93		
10+00			7.16	72.81	℄ 1X1	
40° R			4.0	76.0	slope	
75° R			1.3	78.7	"	
40° L			10.3	69.7	"	
75° L			13.2	66.8	"	
10+50			6.63	73.34	℄ 1X1	
40° R			3.4	76.6	slope	
75° R			0.2	79.8	"	
40° L			10.0	70.0	"	
75° L			13.0	67.0	"	
11+00			6.55	73.42	℄ 1X1	
40° R			2.9	77.1	slope	
75° R			0.0	80.0	"	
40° L			9.8	70.2	"	
75° L			13.0	67.0	"	
11+50			7.02	72.95	℄ 1X1	
40° R			3.8	76.2	slope	
75° R			0.4	79.6	slope	
40° L			10.3	3069.7	"	

Profile Notes Red. JRF Plotted Job No. 090460 Division No.
No. Date 11/10/54 Date Survey of Pine Ch. Rd.
X-Sec. Notes Chkd. Checked Survey by R.L. Wiley Notes R.L.W. Date
No. Date Date Map No. Indexed E. Johnson Date

F. B. 1847 Pg. 101

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
11+50						
75° L		3079.97	13 3	3066 7		
12+00			8.45	715 2	℄ 1X1	
24° R			7.0	73 0	small drain 3' wide 1' deep	
67° R			4.3	75 7	" " " "	
78° R			1 2	78 8	" "	
40° L			11.1	68 9	slope	
75° L			13.4	66 6	"	
12+50			7.56	724 1	℄ 1X1	
40° R			4.5	75 5	slope	
75° R			1 4	78 6	"	
42° L			10 7	69 3	"	
75° L			12.3	67 7	"	
12+74.5			7 1	72 9	℄ Top brk	
+78°			7 8	72 2	" bot "	
+81 7			7 0	73 0	" Top "	
12+93.5			6 5	73 5	℄	
27.5 R			5 1	74 9	T brk small drain	
29° R			5 7	74 3	bot "	
40° R			3 8	76 2	Top "	
75° R			1 2	78 8	slope	
13+00			6.22	3073 75	℄ 1X1	

F. B. 1847 Pg. 102 Job No. 090460 Division No. Notes Red. JRE Plotted Date 11/10/54 No. Profile
Survey of Pine Cr. Rd. Date No. X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed C. Johnson Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
13+00						
43° L		3079.97	9.3	70 7	slope	
75° L			10.5	69 5	slope	
T.P.	10.54	3086.48	4.03	3075.94		
13+50			10.66	75 82	℄ 1X1	
40° R			8.3	78 2	slope	
75° R			6.4	80 1	"	
40° L			12.8	73 7	"	
75° L			14.5	72 0	"	
14+00			8.40	78 08	℄ 1X1	
40° R			5.7	80 8	slope	
75° R			3.7	82 8	"	
40° L			10.4	76 1	"	
75° L			12.3	74 2	"	
14+50			6.05	80 43	℄ 1X1	
40° R			3.6	82 9	slope	
75° R			1.3	85 2	"	
40° L			7.9	78 6	"	
75° L			9.6	76 9	"	
15+00			3.07	83 41	℄ 1X1	
40° R			1.0	85 5	slope	
75° R			+1.0	3087 5	"	

Profile Notes Red. JRE Plotted _____ Job No. 090460 Division No. _____ F. B. 1847 PG. 103

No. _____ Date 11/10/54 Date _____ Survey of Pine Cr. Rd.

X-Sec. Notes Chkd. _____ Checked _____ Survey by R.L. Willey Notes R.L.W. Date _____

No. _____ Date _____ Date _____ Map No. _____ Checked S.C. Johnson Date _____

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STATION	B. S.	H. I.	F. S.	ELEV.		
15+00						
40° L		3086.48	5 4	3081 1	slope	
75° L			7 3	79 2	"	
15+50			1 3	85 2	℄ 1x1	
40° R			+1.6	88 1	slope	
75° R			+3.8	90 3	"	
43⁴ L			5 2	81.3	Top brk in to drain	
49³ L			7 0	79 5	bot " " "	
52⁴ L			7 0	79 5	" " " "	
57° L			5 8	80 7	Top " " "	
75° L			6 5	80 0		
15+71°			1 7	84 8	℄ Top brk in drain	
+74⁵			3 6	82 9	℄ bot " " "	
+77⁵			3 6	82 9	℄	
+79¹			1 8	84 7	℄	
T.P.	11 92	309777	0 63	3085 85	℄	
16+00			11 50	86 27	℄ 1x1	
62⁵ R			9 0	88 8	Top brk. in drain	
64⁵ R			11 8	86 0	bot " "	
70° R			11 1	86 7	" " "	
72° R			8 6	89 2	Top " "	
83° R			7 2	3090 6	Slope	

F. B. 1847 PG. 104 Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr Rd Date 11/10/54 Date X-Sec.
Survey by R.L. Willey Notes McCall Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date Date

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
16+00-40° L		3097 77	13 0	3084 8	Slope	
82° L			14 8	83 0	Slope	
16+50			8 00	89 77	℄ 1X1	
45° R			4 5	93 3	Slope	
82° R			2 6	95 2	"	
40° L			10 5	87 3	"	
82° L			12 5	85 3	"	
E.C. 17+05 19			6 49	91 28	℄ 1X1	
50° R			2 7	95 1	Slope	
83° R			0 4	97 4	"	
40° L			8 6	89 2	"	
83° L			10 5	87 3	"	
17+50			5 31	92 46	℄ 1X1 brk. in profile	
40° R			3 3	94 5	Slope	
83° R			+0 2	98 0	"	
40° L			6 4	91 4	"	
83° L			7 7	90 1	"	
18+00			1 84	95 93	℄ 1X1	
45° R			1 1	96 7	Slope	
83° R			0 2	97 6	"	
40° L			2 8	3095 0	"	

Profile Notes Red JRE Plotted Job No. 9074 Division No.
No. Date 11/10/54 Date Survey of Pine Ch. Rd.
X-Sec. Notes Chkd. Checked Survey by R. Willey Notes McColl Date 9-04
No. Date Date Map No. Indexed Johnson Date

F. B. 1847 Pg. 105

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
18+00						
83° L		3097 77	4 0	3093 8	Slope	
T.P.	11 59	3108 60	0 76	3097 01		
18+50			9 24	99 36	℄ 1X1	
40° R			8 8	99 8	Slope	
83° R			9 0	99 6	"	
40° L			10 4	98 2	"	
83° L			12 6	96 0	"	
19+00			6 69	3101 91	℄ 1X1	
45° R			4 4	04 2	Slope	
83° R			3 4	05 2	"	
40° L			9 1	3099 5	"	
83° L			11 3	3097 3	"	
19+50			5 12	3103 48	℄ 1X1	
45° R			2 7	05 9	Slope	
83° R			1 3	07 3	"	
40° L			7 3	01 3	"	
83° L			8 8	3099 8	"	
20+00			3 71	3104 89	℄ 1X1	
40° R			0 9	07 7	Slope	
85° R			+1 4	10 0	"	
40° L			5 3	03 3	"	

F. B. 1847 PG. 106 Job No. 890460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cn. Rd. Date 11/10/59 Date No.
Survey by R.L. Miller Notes McCall Notes Chkd. Checked X-Sec.
Indexed E. O. Johnson Date Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
20+00						
83° L		3108 60	6 6	3102 0	Slope	
20+50			1 23	07 37	℄ 1X1	
45° R			+0 6	09 2	Slope	
83° R			+3 0	11 6	"	
40° L			2 5	08 1	"	
83° L			4 5	04 1	"	
T.P.	11 74	3119 52	0 82	3107 78		
21+00			9 48	10 04	℄ 1X1	
40° R			7 7	11 8	Slope	
83° R			6 3	13 2	"	
40° L			11 1	08 4	"	
83° L			13 7	05 8	"	
21+50			7 67	11 85	℄ 1X1	
45° R			5 0	14 5	Slope	
85° R			3 2	16 3	"	
40° L			9 5	10 0	"	
83° L			12 2	07 3	"	
22+00			5 30	14 22	℄ 1X1	
45° R			3 2	16 3	Slope	
83° R			1 4	18 1	"	
40° L			7 8	11 7	"	

Profile Notes Red JRF Plotted Job No. 090460 Division No.
No. Date 11/10/54 Date Survey of Pine Ch. Rd.
X-Sec. Notes Chkd. Checked Survey by R.L. Wiley Notes McCall Date 9-54
No. Date Date Map No. Indexed Johnson Date

F. B. 1847 Pg. 107

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STATION	B. S.	H. I.	F. S.	ELEV.		
22+00 82° L		3119 52	9 9	3109 6	Slope	
22+50			3 25	16 27	℄ 1x1	
45° R			1 3	18 2	Slope	
83° R			0 9	18 6	"	
45° L			6 0	13 5	"	
83° L			8 3	11 2	"	
23+00			1 23	18 29	℄ 1x1	
45° R			0 2	19 3	Slope	
83° R			0 1	19 4	"	
40° L			3 6	15 9	"	
83° L			6 6	12 9	"	
T.P.	6 13	3124 99	0 66	3119 86		
23+50			5 70	19 29	℄ 1x1	
40° R			4 6	20 4	Slope	
83° R			5 2	19 8	"	
40° L			8 4	16 6	"	
83° L			7 6	17 4	"	
24+00			5 51	19 48	℄ 1x1	
40° R			4 6	20 4	Slope	
83° R			4 7	20 3	"	
40° L			8 2	16 8	"	

F. B. 1847 PG. 108 Job No. 90460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Ck. Rd. Date 11/10/50 Date No.
Survey by R. L. Willey Notes McColl Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
24+00 83° L		3124 99	11 3	3113 7	Slope	
24+50			5 36	19 63	℄ 1x1	
40° R			4 2	20 8	Slope	
83° R			4 2	20 8	flat	
40° L			8 1	16 9	Slope	
83° L			11 4	13 6	"	
25+00			4 60	20 39	℄ 1x1	
45° R			3 7	21 3	Slope	
83° R			3 3	21 7	"	
40° L			7 1	17 9	"	
83° L			10 2	14 8	"	
25+50			4 10	20 89	℄ 1x1	
40° R			3 1	21 9	Slope	
83° R			3 0	22 0	flat	
40° L			6 9	18 1	Slope	
82° L			10 1	14 9	"	
26+00			3 18	21 81	℄ 1x1	
40° R			2 2	22 8	Slope	
83° R			1 1	23 9	"	
40° L			5 3	19 7	"	
83° L			8 1	16 9	"	

Profile Notes Red. JRE Plotted Job No. 090460 Division No. F. B. 1847 Pg. 109
No. Date 11/10/54 Date Survey of Pine Ch. Rd.
X-Sec. Notes Chkd. Checked Survey by R. L. Willey Notes McColl Date 9-54
No. Date Date Map No. Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		3124 99				
T.P.	6 52	3129 16	2 35	3122 64		
26+50			5 53	23 63	℄ 1X1	
45° R			4 0	25 2	Slope	
83° R			3 0	26 2	"	
40° L			7 8	21 4	"	
83° L			11 1	18 1	"	
27+00			4 68	2 ~~14~~ 48	℄ 1X1	
40° R			2 1	27 1	Slope	
83° R			0 4	28 8	"	
40° L			7 0	22 2	"	
83° L			8 8	20 4	"	
T.P.	8 74	3134 49	3 41	3125 75		
27+50			8 28	26 21	℄ 1X1	
40° R			6 1	28 4	Slope	
82° R			4 3	30 2	"	
40° L			9 9	24 6	"	
82° L			10 5	24 0	"	
28+00			5 10	29 39	℄ 1X1	
40° R			4 0	30 5	Slope	
82° R			2 4	32 1	"	

F. B. 1847 PG. 110 Job No. 090460 Division No. Notes Red. JRE Plotted Date 11/10/59 Checked Date No. X-Sec. No.

Survey of Pine Ct. Rd.

Survey by R.L. Willey Notes McCall Notes Chkd. Date

Indexed C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
28+00						
41° L		3134 49	5 8	3128 7	Slope	
82° L			6 2	28 3	"	
28+50			2 57	31 92	℄ 1X1	
44° R			1 3	33 2	Slope	
82° R			+0 4	34 9	"	
40° L			3 4	31 1	"	
82° L			4 4	30 1	"	
T.P.	11 33	3144 26	1 56	3132 93		
29+00			9 11	35 15	℄ 1X1	
41° R			8 3	36 0	Slope	
82° R			6 0	38 3	"	
40° L			9 7	34 6	Slope	
81° L			10 8	33 5	Flat	
29+50			5 83	38 43	℄ 1X1	
40° R			4 5	39 8	Slope	
82° R			2 6	41 7	"	
40° L			7 6	36 7	"	
82° L			9 6	34 7	"	
30+00			3 72	40 54	℄ 1X1	
40° R			1 5	42 8	Slope	
82° R			0 0	44 3	"	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 890460 Division No. ____ F. B. 1847 Pg. 111
X-Sec. No. ____ Date 11/10/54 Date ____ Survey of Pine Cr. Rd
Notes Chkd. ____ Checked ____ Survey by R. Whitney Notes McCall Date 9-54
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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F. B. 1847 PG. 112 | Job No. 090460 | Division No. | Notes Red. JRE | Plotted | No. | Profile
Survey of P.J. Ch. Rd. | Date 11/10/54 | Date | No. | X-Sec.
Survey by P.J. Bailey | Notes McGill | Notes Chkd. | Checked
Indexed L. C. Johnson | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
30+00						
40° L		3144 26	5 8	3138 5	Slope	
82° L			7 2	37 1	"	
T.P.	8 63	3148 55	4 34	3139 92	per PCG Book	
B.M. P.C. 2	1 88	3148 63	1 79	3146 76	B.M. P.C. 2 El. = 3146.75	
30+50			6 21	42 42	℄ 1x1	
39° R			4 0	44 6	Slope	
82° R			1 5	47 1	"	
42° L			8 6	40 0	"	
82° L			9 8	38 8	"	
31+00			5 16	43 47	℄ 1x1	
42° R			2 2	4 4	Slope	
82° R			0 0	48 6	"	
40° L			7 0	41 6	"	
83° L			9 0	39 6	"	
31+50			5 16	43 47	℄ 1x1	
40° R			3 0	45 6	Slope	
83° R			0 8	47 8	"	
40° L			7 3	41 3	"	
83° L			9 6	39 0	"	
T.P.	6 06	3147 64	7 05	3141 58		
32+00			5 90	41 74	℄ 1x1	

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STATION	B. S.	H. I.	F. S.	ELEV.	
32+00 39° R		3147 64	3 7	3143 9	Slope
90° R			0 7	46 9	"
40° L			7 5	40 1	"
85° L			9 9	37 7	"
32+50			7 97	39 67	℄ 1X1
41° R			5 4	42 2	Slope
90° R			3 0	44 6	"
45° L			10 3	37 3	"
85° L			11 4	36 2	"
33+00			10 03	37 61	℄ 1X1
45° R			7 3	40 3	Slope
90° R			4 0	43 6	"
46° L			12 2	35 4	"
90° L			13 1	34 5	"
33+50			10 43	37 21	℄ 1X1
20° R			9 3	38 3	bot brk.
45° R			5 2	42 4	side hill
90° R			0 0	47 6	" "
45° L			12 4	35 2	Slope
90° L			13 8	33 8	"
33+77			10 1	3137 5	bot brk in profile

Profile No. X-Sec. No.
Notes Red. JRE Date 11/10/54 Notes Chkd. Date
Plotted Date Checked Date
Job No. 090462 Survey of Pine C~Rg Survey by R.L. Hilley Notes Date 9-54 Map No. Date
Division No.
F. B. 1847 Pg. 113

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3147 64				
T.P.	9 03	3148 94	7 73	3139 91		
34+00			9 96	38 98	℄ 1X1	
21° R			7 9	41 0	bot. brk.	
65° R			+1,5	50 4	Top "	
92° R			+6,7	55 6	Side hill	
29° L			12,8	36 1	Toe of Slope	
60° L			14,4	34 5	flat	
95° L			15,2	33 7	flat	
34+19°			8,7	40 2	℄ bot brk. in prof.	
T.P.	11,51	3158,86	1,59	3147 35	STn. 34+50 1X1	
BC 34+56,46			9,04	49,82		
37° R			3,0	55,9	SH.	
83° R			+8,9	67,8	SH	
111° R			+9,8	68,7	Top spur	
44.5 L			20,3	38,6	Toe slope	
96° L			21,7	37,2	Slope	
34+71°			3,6	55 3	℄ brk in Slope	
T.P.	12 18	3170,39	0,65	3158,21		
35+00			11 03	59,36	℄ 1X1	
42° R			0 0	3170,4	S.H.	

F. B. 1847 Pg. 114
Job No. 09046 Division No. Notes Red. JRF Date 11/10/59 Plotted Date No. Profile
Survey of Pine Cn Rd Notes R.L.W. Date Notes Chkd Checked Date No. X-Sec.
Survey by R.L. Willey Date
Indexed C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.		
88.4 R		3170.39	+10.5	3180.9	Top spur	
100.0 R			+9.6	80.0	" "	
52.0 L R			28.5	41.9	Toe slope	
100.0 L R			31.8	38.6	slope	
35+07.4			7.7	62.7	℄ bot brk	
35+50			2.95	67.44	℄ Top brk	
40.0 R			+7.3	77.7	S.H.	
83.0 R			+15.8	86.2	Top ridge	
96.3 R			+15.0	85.4	" "	
30.0 L			12.0	58.4	S.H.	
67.5 L			23.6	46.8	Toe slope	
114.0 L			26.2	44.2	slope	
35+71.7			2.6	67.8	℄ T. brk into small swale	
35.4 R			+6.7	77.1	Head small spur	
70.0 L			-21.6	48.8	Toe slope and small swale 15' L, [illegible]	
35+91.6			3.8	66.6	℄ bot " "	
42.5 R			+10.1	80.5	Head small swale	
36+00			3.25	67.14	℄ 1X1	
33.6 R			+7.8	78.2	SH	
99.6 R			+25.6	96.0	Top Ridge	
108.0 R			+25.1	3195.5	" "	

Profile No. ___ Notes Red. JRF Plotted ___ Job No. 29046 Division No. ___ F. B. 1847 Pg. 115
Date 11/10/59 Date ___ Survey of [illegible]
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by R.L. Miller Notes R.L.M. Date 9-15-59
Date ___ Date ___ Map No. ___ Date ___ Jackson

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STATION	B. S.	H. I.	F. S.	ELEV.		
36+00						
51° L		3170.39	11.8	3156.5	SH	
91° L			19.4	51.0	Toe slope end spur	
105° L			19.8	50.6	flat.	
TP.	8.73	3178.40	0.72	3163.67		
36+50			3.92	74.48	℄ Top spur	
38° R			+9.8	86.2	S.H. on spur.	(12' L. +2° Top spur)
71° R			+18.8	97.2		(10' L. +2° " ")
86° R			+22.5	3210.9	T. Ridge	
108° R			+23°	3211.4	T "	
118° R			+21.9	3210.3	" "	
22° L			12.0	3166.4		
62° L			21.5	56.9	bot of 6' drain	
89° L			20.4	58.0	end spur	
108° L			23.8	54.6	Toe Slope Toe Slope	
37+00			11.37	67.03	℄ 1X1	
41° R			+8.0	86.4	S.H.	
70° R			+19°	3197.6	T. brk	
98° R			+26.9	3205.3	Top ridge.	
118° R			+25.9	3204.3		
6° L			13.6	3164.8	bot drain	
56° L			9.4	69.0	Top spur.	

F. B. 1847 Pg. 116 Job No. 08046 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Ave Date 11/10/54 Date X-Sec.
Survey by P.L. Wiley Notes P.L.W. Notes Chkd. Checked
Indexed ~~L. C. Johnson~~ Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	
37+00					
107.4 L		3178.40	19.7	3158.7	Toe slope wly side spur
37+06 R			12.8	65.6	℄ bot drain
T.P.	11.70	3189.21	0.89	3177.51	
37+50			2.55	86.66	℄
34.6 R			5.1	84.1	Top brk into drain
65.5 R			11.6	77.6	int, drains To North + West
103.5 R			0.0	89.2	bot drain To North
13.6 L			1.9	87.3	Top ridge
41.0 L			5.9	83.3	" brk
64.0 L			13.4	75.8	brk
101.8 L			28.8	60.4	Toe slope
T.P.	1197	3200.87	0.31	3188.90	
37+86			1.7	3199.12	℄ brk
T.P.	955	3209.40	1.02	3199.85	
38+00			7.09	3202.31	℄ ixl
24.7 R			6.2	3203.2	Top brk into drain To W.
42.0 R			12.0	3197.4	brk
71.0 R			17.3	3192.1	bot drain
96.3 R			9.0	3200.4	Top brk
118.5 R			0.0	3209.4	Top brk
51.0 L			22.2	3187.2	T brk

Profile Notes Rvd. JRE Plotted _____ Job No. 290469 Division No. _____ F. B. 1847 Pg. 117
No. _____ Date 11/10/54 Date _____ Survey of _____
X-Sec. Notes Chkd. _____ Checked _____ Survey by R.L. Hillel Notes Bk. Date _____
No. _____ Date _____ Date _____ Map No. _____ Date _____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
38+00						
85.5 L		3209.40	24.6	3184.8	SH	
122.3 L			36.1	3173.3	Toe Slope	
38+30.0			4.6	3204.8		
21.4 R			2.4	07.0	Top brk	
71.3 R			1.8	07.6	" " into w. drain	
38+50			6.62	02.78	℄ IXI	
47.6 R			1.6	07.8	Slope	
107.0 R			+6.0	3215.4	Slope	
40.0 L			19.6	3189.8	brk in SH.	
80.0 L			34.4	75.0	" " slope	
116.3 L			44.0	65.4	bot drain	
T.P.	383	3201.68	11.55	3197.85		
39+00			7.70	3193.98	℄ IXI	
40.0 R			+4.9	3206.6	SH brk	
56.0 R			+9.0	19.7	Top brk	
95.5 R			+15.5	3217.2	S.H.	
21.0 L			11.5	3190.2	Top brk	
57.0 L			24.6	77.1	Top " into drain	
61.0 L			28.5	73.2	bot "	
75.0 L			29.2	72.5	" "	
101.0 L			28.6	73.1	Pt ridge	

F. B. 1847 Pg. 118 Job No. 090460 Division No. Notes Red. JRF Plotted Date 11/10/54 Checked Date No. X-Sec. No.
Survey of Pine Cn Rd
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Date Date
Indexed E. O. Johnson Date

F. 761.298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
39+22°		3201.68	8.8	3192.9	℄ Top brk	
39+50°			15.1	86.6	℄	
7° R			11.4	90.3	Top brk	
31° R			2.9	98.8	bot brk	
66° R			+8.9	3210.6	Top brk	
110° R			+17.0	3218.7	Top ridge	
12° L			20.8	3180.9	bot drain	
19° L			17.0	84.7	Top brk	
51° L			12.8	88.9	Top spur	
102° L			24.0	77.7	Toe slope	
39+60°			16.0	85.7	℄ bot drain	
39+73°			13.8	87.9	℄ " "	
39+80			8.5	93.2	Top brk in	drain
40+00			4.24	3197.44	℄ bot	"
22° R			+1.4	3203.1	bot brk	
53° R			+9.7	11.4	SH	
102° R			+19.9	3221.6	SH	
6° L			2.0	3199.7	Top brk out of drain	
19° L			0.3	3201.4	Top spur	
57° L			0.3	3201.4	" "	
108° L			20.0	3181.7	Toe slope	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 094069 Division No. ____ F. B. 1847 Pg. 119
Date 11/10/54 Date ____ Survey of Fine L. R.
X-Sec. No. ____ Chkd. ____ Checked ____ Survey by E. L. Miller Notes E. L. Miller Date 9-5-54
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3201,68				
T.P.	1207	3212,95	0,80	3200,88		
40+10			11,8	3201,1	℄ brk in drain	
40+50			3,21	09,74	℄ IXI	
17 5 R			1,4	11,5	Top brk	
57° R			+1,7	14,6	SH	
95° R			+6,0	18,9	"	
7° L			3,9	09,0	head of drain	
21° L			1 2	11,7	Top brk	
65° L			+2 0	14,9	Top ridge	
90° L			0,9	12,0	" brk into drain	
114° L			12,3	3200,6	bot brk	
40+60			1,3	11,[illegible]	℄ Top brk	
T.P.	573	3217,81	0 87	3212,[illegible]8		
41+00			4 88	12,93	℄ in saddle	
45° R			4 4	13,4	" "	
84° R			1,0	16,8	bot brk in saddle	
100° R			0 0	17 8	slope "	
49° L			1,4	16,4	Toe slope	
85° L			+2,0	19,8	Top ridge	
115° L			1,2	3216 6		

F. B. 1847 PG. 120 Job No. 29906 Division No. Notes Red. JRF Plotted Date 11/10/54 No. Profile
Survey of Fine Gr. Rd. Date No. X-Sec.
Survey by P. Willey Notes P. Lin Notes Chkd. Checked
Indexed R. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
41+50		3217.81	5.10	3212.71	℄ 1X1 Toe slope	
36° R			5.9	11.9	saddle	
72° R			3.2	14.6	SH	
95° R			0.0	17.8	SH	
40° L			1.4	16.4	SH	
53° L			0.0	17.8	brk in SH	
124° L			+11.2	29.0		
42+00			6.93	3210.88		
32° R			7.9	09.9	in saddle	
60° R			5.2	12.6	bot slope	
93° R			0.0	17.8	slope	
50° L			1.9	15.9	Toe slope	
94° L			+5.7	3222.5	bot brk	
42+50			9.06	08.75	℄ 1X1	
30° R			10.2	07.6	saddle	
56° R			8.0	09.8	Toe slope	
93° R			2.1	15.7	SH	
45° L			5.0	12.8	bot brk	
70° L			3.2	14.6	brk in Slope	
100° L			+5.3	23.5	SH	
T.P.	181	3211.78	7.84	3209.97		

Profile Notes Red. JRF Plotted Job No. 0940 Division No.
No. Date 11/10/54 Date Survey of Pine Cove Rd
X-Sec. Notes Chkd. Checked Survey by R.W. Notes Date
No. Date Date Map No. Index Date

F. B. 1847 Pg. 121

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STATION	B. S.	H. I.	F. S.	ELEV.		
43+00		3211.78	597	3205.81	℄ 1X1	
36° R			54	064	bot swale	
70° R			27	09 1	SH	
93° R			00	11 8	SH	
50° L			1.3	10.5	SH	
108° L			+82	3220.0	bot brk	
43+50			8 28	03.50	℄ 1X1	
28° R			7.3	04.5	bot brk	
68° R			3.8	08 0	SH	
98° R			1.3	10.5	SH	
43° L			5.1	06 7	bot brk	
80° L			06	11.2	S.H.	
100° L			+26	14.7		
BM #PC3	076	3210.01	264	3209.~~14~~ 25	BM PC3 El = 3209.25 Peg book	
44+00			8.40	01.61	℄ bot swale	
46° R			4.5	95.5	SH	
86° R			00	10.0	SH	
130° R			+50	150	"	
34° L			84	01.6	Toe slope	
85° L			25	07.5	SH	
100° L			00	10 0	SH	

F. B. 1847 Pg. 122 Job No. 090460 Division No. Notes Red. JRF Plotted Date 11/10/54 Date No. Profile
Survey of Pine Cr Rd Notes Chkd. Checked Date No. X-Sec.
Survey by R.L. Willey Notes RLW Date
Indexed R. C. Johnson Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
44+50		3210.01	8.42	3201.59	℄ 1X1	
45° R			2.6	07.4	SH.	
64° R			0.0	10.0	SH	
100° R			+5.8	3215.8	S.H.	
52.5 L			12.9	3197.1	bot swale	
83° L			9.3	3200.7	SH	
105° L			5.8	3204.2	SH	
45+00			7.89	02.12	℄ 1X1	
45 R			14	08.6	SH	
101° R			+8.0	3218.0	SH	
74° L R			16.0	3194.0	bot swale	
95° L R			14.2	95.8	brk	
110° L R			12.5	3197.5	SH	
T.P.	313	3205.04	8.10	3201.91		
45+50			4.30	3200.74	℄ 1X1	
31° R			0.0	05.0	SH	
65° R			+5.4	10.4	SH	
100° R			+11.8	3216.8	SH	
50° L			11.2	3193.8	bot swale	
92°			15.5	89.5	" "	
120°			15.5	89.5		

Profile No. ____ Notes Red. JRR Date 11/10/54 Plotted ____ Date ____ Job No. 09046 Division No. ____ F. B. 1847 Pg. 123

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Pine Cr. Rd. Survey by R. L. Wilks Notes Chkd. Date 9-5-54 Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
46+00		3205,04	7,68	3197,36	℄ 1X1	
50° R			00	3205,0	SH	
100° R			+9,0	3214,0	SH.	
49° L			14,5	3190,5	SH	
94° L			18,4	86,6	bot Swale	
46+50			12,12	3192,92	℄ 1X1	
51° R			40	3201,0	SH	
100° R			49	3201	SH	
49° L			18 2	86,8	SH	
100° L			23 3	3181,7	bot Swale	
TP	370	3196,62	12,12	3192,12		
47+00			7 72	88,90	℄ 1X1	
45° R			1,7	94,9	SH	
90° R			+6,8	3203 4	SH	
35° L			12,0	3184,6	SH	
70° L			15 3	81.3	SH	
105° L			16 5	80,1		
EC 47+3074			9 53	87,09	℄ 3/4" 11°	
45° R			3 5	93.1	SH.	
90° R			+5 3	3201,9	S.H.	
45° L			14,6	3182 0		

B. 1847 PG. 124 Job No. 090460 Division No. Notes Red. JRF Plotted Profile
Survey of Pine Cr Rd Date 11/10/54 Date No.
Survey by R.L. Willey Notes RLW Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
47+30.74						
90° L		3196.62	17.9	3178.7		
47+50			10.52	86.10	℄ 1X1	
45° R			4.6	3192.0	SH	
90° R			+3.6	3200.2	SH	
45° L			15.2	3181.4	SH	
90° L			18.8	77.8	SH	
47+77°			11.0	85.6	small swale	
72° R			0.8	95.8	℄ 1X1	
48 +00			9.67	86.95	SH	
45° R			3.2	3193.4	SH	
90° R			+4.3	3200.9	SH	
45° L			15.6	3181.0	SH	
90° L			20.0	76.6	SH	
48+50			7.43	89.19	℄ 1X1	
41° R			0.0	3196.6	SH	
90° R			+9.1	3205.7	SH	
45° L			14.2	3182.4	SH	
90° L			20.0	76.6	SH	
T.P.	11.50	3201.06	7.06	3189.56		
49 +00			8.99	3194.07		
43° R			10	32.001		

Profile Notes Red. JEE Plotted _____ Job No. 2904 Division No. _____ F. B. 1897 Pg. 125
No. _____ Date 11/10/54 Date _____ Survey of Pine Co. Rd.
Notes Chkd. _____ Checked _____ Survey by R.L. Wilk Notes R.L.W. Date 9-54
No. _____ Date _____ Date _____ Map No. _____ Indexed R. G. Johnson Date _____

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STATION	B. S.	H. I.	F. S.	ELEV.		
49+00						
90° R		3201,06	+8 4	3209,5	SH	
45° L			16 6	3184,5	SH	
90° L			23 7	3177,4	SH	
49+50			6,23	3194,83	℄ 1X1	
45° R			+2 0	3203,1	SH	
90° R			+10 5	3211,6	SH	
45° L			14.3	3186,8	SH	
90° L			21,8	3179,3	SH	
50+00			4,24	3196.82	℄ 1X1	
45° R			+4 2	3205,3	SH	
90° R			+13,2	3214,3	SH	
50° L			13 3	3187,8	SH	
100° L			21,6	3179,5	SH	
50+50			3 40	3197,66	℄ 1X1	
45° R			+5 7	3206,8	SH	
90° R			+15,4	3216,5	SH	
50° L			12 0	3189.1	SH	
100° L			19 7	3181,4	SH	
51+00			2 22	3198,84	℄ 1X1	
45° R			+6,7	3207.8	SH	
90° R			+16 9	3218,0	SH	

F. B. 1847 PG. 126 Job No. 090466 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Gr Rd Date 11/10/54 Date X-Sec.
Survey by R.L. Willey Notes Chkd. Checked
Indexed A. G. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
51+00						
50° L		3201 06	11.1	1900 ~~3200.0~~	SH	
100° L			18.3	828	SH	
T.P.	11 03	3210.32	1.77	3199.29		
51+50			10 10	3200.22	℄ 1X1	
45° R			2 2	3208.1	SH	
90° R			+7.4	3217.7	S.H.	
50° L			6.4	3203.9		
100° L			24 4	3185.9	bot brk spur To W.	
52+00			7.28	3203.04	℄ 1X1	
45° R			0.2	3210.1	SH	
90° R			+72	3217.5	SH	
50° L			13 9	31.964	Top small N+S spur	
110° L			16 2	3194.1	" " " " " "	20' Ely - 20 20' Wly - 1
52+50			7 60	3202.72	℄ 1X1	
43.5 R			0 0	3210.3	SH	
72.4 R			+3.5	3213.8	Toe slope	
101.8 R			+11.0	3221.3	SH.	
50° L			15.0	3195.3	SH	
100° L			23 6	3186.7	SH	16' Ely +0.4
53+00			9 57	3200.75	℄ 1X1	
45° R			3 4	3196.9	SH	

Profile Notes Red. JRF Plotted Job No. 090460 Division No.
No. Date 11/10/54 Date Survey of
X-Sec. Notes Chkd. Checked Survey by R.L. Willer Notes R.L.W. Date 9-5-9
No. Date Date Map No. Indexed Date

F. B. 1847 Pg. 127

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STATION	B. S.	H. I.	F. S.	ELEV.		
53+00						
54° R		3210.32	1.5	3208.8	Toe slope pt. small N+S spur	
83.5 R			+7.6	3217.9	brk in SH " " "	
90° R			+10.5	3220.8	SH. " " "	
50° L			17.3	3193.0	SH.	
100° L			24.2	3186.1	S.H.	
53+50			6.56	3203.76	℄ 1X1	
48.4 R			0.0	3210.3	SH	
85° R			+7.0	3217.3	Toe of W. slope N+S spur	
105° R			+12.0	3222.3	SH	
50° L			14.2	3196.1	SH	
100° L			21.6	3188.7	SH	
53+74.4			5.5	3204.8	℄ Toe slope N+S. ridge	
33° R			0.0	3210.3	" " " "	
105° R			+10.0	3220.3	bot swale	
46° L			12.0	3198.3	SH	
103° L			22.0	3188.3	Toe slope	
T.P.	12.22	3222.36	0.18	3210.14		
54+00			8.03	14.33	℄ 1X1	
18.5 R			5.0	17.4	Top brk	
46° R			6.0	16.4	brk	
65.6 R			6.0	16.4	Toe slope	

F. B. 1847 PG. 128 Job No. 090463 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr. Rd. Date 11/10/54 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Index C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
54+00						
97.8 R		3222.36	1.5	3220.9	in swale	
34.5 L			12.0	3210.4	SH.	
56.5 L			16.1	3206.3	SH	
98.5 L			23.3	3199.1	SH	25' Ely
T.P.	1197	3234.00	0.33	3222.03		
54+22			9.2	24.8	℄ brk in slope	
20.5 R			5.8	28.2	" " "	
49.6 R			6.8	27.2	" " "	
113.0 R			9.8	24.2	Toe slope	
34.0 L			16.5	3217.5	SH	
95.4 L			33.0	3201.0	SH	
T.P.	765	3240.12	1.53	3232.47		
54+50			5.26	34.86	℄ 1x1	
46.0 R			0.0	40.1	Top brk	
130.5 R			6.2	3233.9	S.H.	
28.6 R			10.1	30.0	Top brk	
70.0 R			24.0	16.1	SH	
102.3 R			33.8	06.3	T. brk	
54+66.0			3.6	36.5	℄ Top ridge	
45.0 R			+3.2	43.3	" " "	
73.0 R			+6.3	3246.4	Top brk	

Profile No. ____ Date ____ Notes Red. JRF Plotted ____ Job No. 09046 Division No. ____ F. B. 1847 Pg. 129
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Pine ____ Survey by R.L. Willey Notes R.L.W. Date 9-54
Map No. ____ Date ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
54+66						
96° R		3240.12	+5.2	3245.3		
42° L			10.6	29.5	Top brk	
75° L			21.2	18.9	brk	
108° L			34.0	3206.1	SH	
54+81			4.81	35.31	℄ Top brk	
70° R			+7.3	47.4	Top ridge	
89° R			+10.9	51.0	" "	
44.5 L			9.9	30.2	Top brk Top ridge	
86° L			23.8	16.3	pt of ridge	
55+00			7.89	34.23	℄	
45° R			0.0	40.1	brk	
95° R			+11.0	51.1	Top ridge	
131° R			+17.7	57.8	" "	
38° L			12.0	28.1	" brk	
66° L			16.2	23.9	" "	
103° L			32.0	08.1		
113° L			36.3	03.8		
T.P.	0.68	3229.15	11.65	3221.47		
55+50			9.60	19.55	℄ IN	
35° R			0.8	28.2	Top brk	
65° R			+0.8	3230.0	bot "	

F. B. 1847 Pg. 130 Job No. 090460 Division No. Notes Red. JRF Plotted Date 11/10/54 No. Profile
Survey of Pine Gn Rd Date Notes Chkd. Checked Date X-Sec.
Survey by R L Willey Notes R.L.W. Date
Indexed R. O. Johnson Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
55+50						
97° R		3229.15	+8.3	3237.4		
19° L			13.8	15.3	bot brk	
74° L			16.8	12.3	Top brk	
105° L			24.2	04.9	SH	
T.P.	294	3220.41	11.68	3217.47		
56+00			6.76	13.65	℄ 1X1	
24° R			3.5	16.9	bot brk	
81° R			+5.6	26.0	SH	
109° R			+9.5	29.9	SH 18' Ely at level. Toe slope	
56° L			16.1	04.3	bot brk	
90° L			22.0	~~3200~~ 3198.4	Toe slope	
125° L			28°	3192.4	slope	
56+50			8.22	12.19	℄ 1X1	
53° R			0.0	20.4	SH	
101° R			+7.4	27.8	SH	
47° L			15.1	3205.3	"	
100° L			23°	3197.4	"	
57+00			9.02	3211.39	℄ 1X1	
46° R			2.6	3217.8		
66° R			0.0	20.4	bot brk	
106° R			+7.7	3228.1		

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 09046 Division No. ____ F. B. 1847 Pg. 131
X-Sec. No. ____ Date 11/10/54 Date ____ Survey of Pine Cr Ry
Notes ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date 9-5-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 8-53

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F. B. 1847 PG. 132 | Job No. 28096 | Division No. | Notes Red. JRF | Plotted | No. | Profile
Survey of Pine Cr Rd | Date 11/10/59 | Date | No. | X-Sec.
Survey by R.L. Willey | Notes R.L.W. | Notes Chkd. | Checked
Indexed J. O. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
57+00						
50° L		3220.41	14.3	3206.1		
102° L			21.8	3198.6		
57+29°			9.1	3211.3	℄ bot brk	
57+50			6.67	13.74	℄ 1X1	
17° R			4.2	16.2	bot brk	
53° R			+3.0	23.4	S.H.	
96° R			+12.0	32.4	S.H.	
38° L			12.0	18.4	S.H.	
100° L			19°	11.4	S.H.	
58+00 T.P.	9.71	3225.43	4.69	3215.72	℄ 1X1	
34° R			30	22.4	S.H.	
81° R			+9°	34.4	S.H.	
108° R			+16.4	41.8	"	
40° L			16.7	08.7	"	
89° L			22.9	02.5	"	
58+50			7.20	18.23	℄ 1X1	
40° R			+3.6	29.0	S.H.	
68° R			+12.0	37.4	"	
96° R			+20.4	45.8	T brk	
43° L			17°	3208.4		
102° L			26.2	3198.7		

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STATION	B. S.	H. I.	F. S.	ELEV.		
59+00		3225.43	4.97	3220.46	℄ 1X1	
42.6 R			+7.6	33.0	Top brk	
78.0 R			+15.0	40.4	Top spur	
110.0 R			+15.0	40.4	S.H W side spur	
52.5 L			19.5	~~35.9~~ 01	bot brk	
103.0 L			28.7	~~26.7~~ 31.96	S.H	
59+50			4.44	20.99	℄ 1X2	
31.0 R			+2.9	28.3	Top spur Top brk	
50.0 R			+4.3	29.7	" " Top brk	
99.0 R			.00	25.4	S.H bot "	
13.6 L			9.4	16.0	brk	
51.0 L			17.1	3208.3		
101.0 L			27.4	3198.0	bot brk	
T.P	3.68	3217.41	11.70	3213.73		
59+71			+1.0	18.4		
23.5 R			+4.8	22.2	Top spur	
47.5 R			+4.7	22.1	" spur	
77.5 R			+1.5	18.9	Toe slope	
100.0 L			19.4	3198.0	" "	
60+00			5.15	3212.26	℄ 1X1	
32.0 R			4.1	13.3	brk	

Profile · Notes Red. JRF Plotted Job No. 094060 Division No. F. B. 1847 Pg. 133
No. Date 11/10/54 Date Survey of Pine C-Rd
X-Sec. Notes Chkd. Checked Survey by R L Willey Notes R L W Date 9-54
No. Date Date Map No. Checked Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
60+00						
1060 R		3217 41	0.6	3216.8		
38° L			14.0	3203.4	Toe slope	
983 L			19.6	3197.8	slope	
60+28 2			11.8	3205.6	Toe slope	
60+50			11.40	06.01	℄ 1X1	
45° R			7.9	09.5	slope	
90° R			3.9	13.5	"	
45° L			14.7	3202.7	"	
100° L			18.8	3198.6		
61+00			10.03	3207 38	℄ 1X1	
45° R			6.4	11.0	Slope	
90° R			2.5	14.9	"	
50° L R			14.5	3202.9	"	
100° L R			17.7	3199.7	"	
T.P.	808	3219.07	642	3210.99		
61+50			10 66	08.41	℄ 1X1	
48° R			73	11.8	Slope	
100° R			22	16.9	"	
52° L			14.7	3204.4	"	
100° L			19°	3200.1		
62+00			9 69	3208.38	℄ 1X1	

F. B. 1847 PG. 134 Job No. 09 24 60 Division No. Notes Red. JRF Plotted Profile
Survey of Pine Gr. Rd Date 11/10/58 Date No.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
62+00 50° R		3219.07	5.3	3213.8	slope	
100° R			1.1	3218.0	"	
50° L			14.4	3204.7	"	
100 L			19.3	3199.8		
BM PC 4	216	3220.67	0.56	3218.51	BM # PC 4 El = 3218.51 Peg Book	
62+50			10.07	10.60	℄ 1X1	
50° R			5.3	15.4	S.H.	
100° R			+2.4	23.1	S.H.	
50° L			15.2	05.5	S H	
105° L			20.3	00.4	S.H.	
63+00			9.76	10.91	℄ 1X1	
52° R			3.0	17.7	Toe slope	
82° R			+2.4	23.1	Top brk small spur.	
100° R			+3.0	23.7	bot brk	
30° L			12.6	08.1	brk in slope	
65° L			17.2	03.5	S H	
100° L			21.1	3199.6	S H	
63+50			14.8	05.9	℄ bot brk 1X1	
24° R			11.0	09.7	bot brk	
50° R			3.8	16.9	S H	
80° R			+7.5	3228.2	S H	

Profile No. ____ Notes Red. JCF Date 11/10/54 Plotted ____ Date ____ Job No. 090460 Division No. ____ F. B. 1847 Pg. 135

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Pine Cove Rd. Survey by R.L. Miller Notes R.L.W. Date 7-3-54 Map No. ____ Date ____ Reviewed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
63+50°						
110° R		3220,67	+13,7	3234,4	Top ridge	
54° L			-18,8	01,9	SH.	
100° L			22,9	3197,8		
64+00			15,2	3205,5	℄ 1X1	
17° R			12,0	08,7	bot brk	
37.5 R			4,8	15,9	brk	
69° R			+12,0	32,7	SH	
90° R			+24,0	44,7	Top brk	
105° R			+29,3	3250,0	Top ridge	
50° L			21,0	3199,7	SH.	
103° L			27,0	3193,7	SH	
64+50			10,00	3210,67	℄ 1X1	
16° R			7,2	12,5	bot brk	
55° R			+9,1	29,8		
61.5 R			+12,9	33,6	SH. (16' Ely -1.5	bot small drain
85° R			+24,0	44,7	SH	
98° R			+30,0	50,7	SH (15' Ely -1°	Head small drain
50° L			19,7	01,0		
100° L			27,6	3193,1		
64+75			8,7	3212,0	℄ in small swale	
31.5 R			1 0	19,7	bbrk " " "	

F. B. 1847 Pg. 136 Job No. 29046 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr. Rd Date 11/10/54 Date No.
Survey by R L Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed E. O. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	
64+75 59° R		3220.67	+11.0	3231.7	bot small swale
84° R			+23.0	43.7	" " "
105° R			+34.2	54.9	" " "
65+00			5.40	15.27	℄ 1X1
36° R			+7.2	27.9	E side N+S spur
69° R			+24.0	44.7	" " " "
90° R			+34.2	54.9	" " " "
112° R			+45.6	66.3	" " " "
17° L			10.7	10.0	bot brk
50° L			17.2	63.5	SH
100 L			27.0	3193.7	SH
65+20			2.6	3218.1	℄ pt N+S spur.
50° R			+22.0	42.7	Top " "
93° R			+46.0	66.7	" " "
T.P.	11.20	3228.65	3.22	3217.45	
65+31.8			10.8	17.8	℄ end small drain
65+50			7.86	20.79	℄ 1X1
17° R			2.8	25.8	SH (10' Ely - 2° bot small drain)
45° R			+9.0	37.6	SH
66° R			+20.5	49.1	ctr small drain
92° R			+33.0	3261.6	SH. (6' Wly - 0.6 ctr small drain)

Profile No. ____ Notes Red. JRF Date 11/12/54 Plotted ____ Date ____ Job No. 090469 Division No. ____ Survey of Pipe Cut Rd

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by R. Whittle Notes RLW Date 9-54 Map No. ____ Indexed J. Johnson Date ____

F. B. 1847 Pg. 137

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STATION	B. S.	H. I.	F. S.	ELEV.		
67+50						
43° L		3237,01	19,0	3218,0	bot drain	
51° L			18,1	18,9	Top brk	
88° L			23,0	3214,0	bot brk.	
67+57°			12.8	24 2	℄ bot drain	
68+00°			1,27	35,74	℄ 1X1	
33° R.			+1,2	38,2	Top brk	
84 R			+2.4	39,4	SH	
121° R			+3,4	40,4	bot drain	
46° L			11,0	28,0	bot swale.	
116° L			9,7	27,3	Top brk	
T.P.	11 73	3247,79	0,95	3236,06		
68+32°			9.0	38,8	℄ Head of swale	
68+50			4,02	43.77	℄ 1X1	
24° R			0.0	47 8	Top brk	
42° R			+3.2	51,0	Top brk	
102° R			+6.0	53 8	SH.	
41° L			7.2	40,6	Top ridge	
101° L			10 6	37.2	Top ridge	
T.P.	10 80	3257,52	1 07	3246,72		
68+73,7			8 4	49,1	℄ Top brk	
49° R			1 9	55,6	Top brk	

F. B. 1847 Pg. 140 Job No. 09046 Division No. Notes Red JRE Plotted No. Profile
Survey of Pine Cn Rd Date 11/12/50 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed R. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
68+73.7 915 R		325752	+2.2	32597	Top brk	
69+00			5.75	51.77	℄ 1X1	
46.5 R			0.0	57.5	SH	
105° R			+5.8	63.3	SH	
50° L			12.0	45.5	SH	
105° L			18.0	39.5	T brk	
69+50			3.20	54.32	℄ 1X1	
29° R			0.0	57.5	SH	
100° R			+8.0	65.5	S.H.	
54° L			9.8	47.7	Top brk	
108° L			22.2	35.3	SH	
69+76.4			4.5	53.0	℄	
34° R			0.0	57.5	brk in S.H.	
88.4 R			+6.4	63.9		
106° R			+11.0	68.5		
70+00			9.12	48.40	℄ 1X1	
36° R			6.1	51.4	brk in slope	
90.8 R			0.0	57.5	bot brk	
46.8 L			17.2	40.3	SH	
105°			27.1	30.4	SH	
T.P.	0.97	3247.54	10.95	3246.57		

Profile Notes Red. JRF Plotted _____ Job No. 09045 Division No. _____ F. B. 1847 Pg. 141
No. _____ Date 11/12/54 Date _____ Survey of Pine C.C. Rg
X-Sec. Notes Chkd. _____ Checked _____ Survey by R.L. Willey Notes R.L.W. Date 9-54
No. _____ Date _____ Date _____ Map No. _____ Indexed Tolerance Date _____

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STATION	B. S.	H. I.	F. S.	ELEV.		
7°+50		3247.54	7 83	3239.71	℄ 1X1	
50° R			15	46.0	S H.	
91° R			+6°	53.5	bot brk	
33° L			12 0	35.5	S H	
78° L			18 1	29.4	S H	
113° L			23 2	23.8	S H	
71+00			9.15	38 39		
55° R			3 4	44.1		
90° R			+3.1	50 6	Toe slope (14' wlg level)	
113° R			+9 2	56.7	Top small spur.	
48° L			15 3	32.2	S H	
105° L			22 3	25.2	S H	
71+50			10 72	36.82	℄ 1X1	
50° R			4 6	42.9	S. H.	
100° R			+1.0	48.5	S H.	
52° L			16.7	30.8	S H	
112° L			23 2	24.3	Toe of Slope	
71+72°			10 4	37 1	℄ Toe slope	
72+00°			6.05	41.49	℄ 1X1	
50° R			2 5	45.0	Slope	
100° R			3 8	43.7	"	

F. B. 1847 PG 142 Job No. 290460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cn. Rd. Date 11/12/54 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
72+00						
51° L		3247.54	11.1	36.4	SH	
90° L			13.0	34.5	brk	
112.5 L			11.8	35.7	Toe slope	
72+25			1.8	45.7	℄ brk	
T.P.	1184	3259.08	0.30	3247.24		
72+50			7.56	51.52	℄ 1x1	
50° R			5.1	54.0	SH	
98° R			0.6	58.5	SH	
118° R			+1.4	60.5	SH	
49.3 L			3.5	55.6	Top brk	
79.3 L			5.4	53.7	" "	
114° L			8.8	50.3	bot brk	
T.P.	1163	3270.35	0.36	3258.72		
72+75°			10.3	60.0		
31° R			11.3	59.0	bgt brk	
100° R			3.3	67.0	SH	
26° L			6.2	64.1	Top brk	
53.5 L			3.4	66.9	" "	
67.2 L			3.3	67.0	" "	
114° L			9.0	3261.83	bot brk	
T.P.	1189	3282.07	0.17	3270.18		

Profile No. ____ Notes Red. JRE Date 11/12/54 Plotted ____ Date ____ Job No. 290468 Division No. ____ F. B. 1847 Pg. 183

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Fine Co. Survey by R.L. Miller Notes R.L.W. Date 9-5-54 Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
73+00		3282.07	11 39	3270 68	℄ 1X1 SH	
22 5 R			15 2	6 9	bot brk	
37 5 R			14.6	67.5	" "	
91 4 R			5 1	77.0	Top "	
103 0 R			4.4	77.7	SH	
58 5 L			3 8	79.1	T. brk	
92 5 L			2 1	80.0	SH	
104 5 L			3 5	78 6	SH	
T.P.	11 99	3293.92	014	3281.93		
T.P.	891	3302.17	066	3299.26		
73+50			066	3301.71	℄ 1X1 Top brk	
39 0 R			9 1	3293 L	bot brk	
85 4 R			3.0	91.2	T brk	
100 0 R			2 4	[illegible]	SH	
47 0 L			9 2	93.0	Top ridge	
90 6 L			13.7	[illegible]	" brk	
114 5 L			19 4	[illegible]	SH	
73+62.0			6.2	96.2	℄ Top brk	
73+72.96			5.2	97.0	℄ Top ridge	
37 2 R			3.7	3298.5	brk in ridge	
100 0 R			5.4	3307.6	Top brk (12' W'ly	+1 E Top ridge

F. B. 1847 Pg. 44 Job No. 89046 Division No. Profile
Survey of PIPE LINE No.
Survey by R.L. WILLEY Notes R.L.W. Notes Red. JRE Plotted
Indexed A. C. Johnson Date Notes Chkd. Date 11/12/54 Date
Date Checked X-Sec. No.
Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
73+72.06 18.2 L		3302.17	7.2	3295.0	Top brk	
44.8 L			12.0	90.2		
82.5 L			19.0	83.2		
73+89.0			6.7	95.5	℄ Top brk	
TP	0.63	3290.87	11.93	90.24		
74+00			1.37	3289.50	℄ 1X1 SH	
76.5 R			+9.8	3300.7	Head swale	
100.0 R			+16.3	3307.2	S.H	
44.8 L			11.2	79.7	S.H	
101 L			23.4	67.5	SH	
TP	0.80	3279.72	11.95	3278.92		
74+50			6.50	73.22	℄ 1X1	
34.6 R			1.1	78.6	bot swale	
71.0 R			+8.3	88.0	SH	
104.0 R			+17.7	97.4	SH	
50.5 L			15.5	64.2	SH	
88.5 L			24.0	55.7	SH	
124.0 L			30.9	48.8	SH	
74+70.5			10.9	68.8	℄ bot brk	
75+00			13.8	65.9	℄ bot brk	
50.0 R			4.4	3275.3	slope	

Profile Notes Red JRF Plotted Job No. 090469 Division No.
No. Date 11/12/54 Date Survey of Pine Cr. Rd.
X-Sec. Notes Chkd. Checked Survey by R.L. Willey Notes R.L.W. Date 9-54
No. Date Date Map No. Indexed Johnson Date

F. B. 1847 Pg. 145

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
75+00						
85° R		3279.72	+4.0	3283.7	SH	
100.5 R			+8.4	88.1	"	
50° L			22.5	57.2	"	
104° L			30.9	48.8	"	
128° L			34.2	45.5	"	
75+50			12.33	67.39	℄ 1X1	
50° R			3.9	75.8	SH	
102° R			+3.6	83.3	SH	
50° ~~R~~ L			20.4	51.3	"	
100° ~~R~~ L			28.3	51.4	"	
120° ~~R~~ L			31.0	48.7	"	
75+71.0			11.4	68.3	℄ bot brk	
50° ~~L~~ R			3.0	72.7	" "	
75° ~~L~~ R			+1.4	81.1	" "	
50° L			18.6	61.1	SH	
100° L			25.4	54.3	SH	
76+00			6.85	72.87	℄ 1X1	
47.3 R			0.0	79.7	SH	
100° R			+8.8	88.5	SH	
50° L			14.3	65.4	"	
100° L			20.8	59.9	"	

F. B. 1847 Pg. 146 Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Line on Rd Date 11/12/54 Date X-Sec.
Survey by R.L. Miller Notes R.L.W. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P		3279,72				
	12 06	3291,73	0.05	3279.67		
76+50			1.09	90.64	℄ 1X1 SH	
45.5 R			+4.4	96.1	S H	
100° R			+13.7	3305.4	S H	
50° L			6.9	84.8	S H	
100 L			12.8	78.9	S H (20' W ly - 57 Top small ri	
TP.	11 42	33 02,06	1 09	3290.64		
76 +76°			2.69	99.37	℄ Top brk	
45° R			3 5	98 6	" "	
95° R			+12 3	3314.4	" "	
44° L			6 1	3296.0	" "	
85° L			13 9	88 2	Top ridge	
112° L			19.5	82.6		
76+89.5			1.4	3300.7	℄ Top ridge	
77+00			1.65	3300.31	℄ 1X1 Top brk	
42° R			+4.7	06.8	brk in slope	
79° R			+12°	14.1		
121° R			+23°	25.1	Top ridge	
43° L			4 1	3298.0	Top brk	
71 ° L			12 0	3290 1		

Profile Notes Red. JEF Plotted Job No. 0406 Division No. F. B. 1847 Pg. 147
No. Date 11/16/54 Date Survey of Pine Cov Rd
X-Sec. Notes Chkd. Checked Survey by R.L. Miller Notes R.L.W. Date 9-54
No. Date Date Map No. Indexed Job no. Date

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
77+00 105° L		3302.06	22.6	3279.5		
77+27°			9.1	3293.0	℄	
26° L			12.3	89.8		
57° L			13.4	88.7	Top brk	
90° L			21.6	80.5		
77+34° T.P.	020	3290.94	11.32	3290.74	℄	
60° L			+9.0	99.9	brk in slope	
103° L			+21.0	3311.9		
77+50			6.58	3284.36	℄ 1X1	
40° R			0.0	3290.9	bot brk	
85° R			+12.0	3302.9	SH	
105° R			+18.8	3309.7	SH	
21° L			9.4	3281.5	bot brk	
58° L			10.5	80.4	T brk	
103° L			22.3	68.6	SH	
T.P.	320	3282.29	11.85	3279.09		
78+00			8.50	73.79	℄ 1X1 Toe slope	
44° R			0.2	82.1	bot brk	
100° R			+10.9	93.2	S.H.	
53° L			17.2	65.1	SH	
86° L			21.6	3260.7	brk	

F. B. 1847 PG. 148 Job No. 0904.60 Division No. Notes Red. JRF Plotted Profile
Survey of Pine Cr Rd Date 11/12/50 Date No.
Survey by R.L.Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed R. O. Johnson Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
78+00 129° R		3282.29	29.0	3253.3		
78+50			10.74	71.55	℄ bot cn	
50° R			3.2	79.1	" "	
100° R			+5.8	88.1	" "	
50° L			17.2	65.1	" "	
115° L			26.7	55.6	" "	
79+00			11.30	70.99	℄ 1X1 Toe slope	
52.5° R			4.9	77.4	" "	
105° R			+3.6	85.9	bot cn	(15' wly +18 To[illegible]
50° L			18.0	64.3	Toe slope	
117° L			27.0	55.3	" "	
79+50			1.22	81.07	℄ 1X1 bot brk	
53° R			+8.7	91.0	SH	
108° R			+10.8	93.1	SH	
50° L			10.0	72.3	SH	
108° L	~~12.04~~		16.7	65.6	SH	
T.P.	12.04	3294.06	0.27	3282.02		
T.P.	11.84	3305.26	0.64	3293.42		
80+00			5.82	3299.44	℄ 1X2	
48° R			+3.8	3309.1	Top brk	
88° R			+7.4	3312.7	" "	

Profile Notes Red. JCF Plotted Job No. 090460 Division No. F. B. 1847 Pg. 149
No. Date 11/12/54 Date Survey of Pine Cn Rd
X-Sec. Notes Chkd. Checked Survey by R.L. Willey Notes R.L.W. Date 9-54
No. Date Date Map No. Reduced Johnson Date

76L298 307 8-53

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
80+00						
114° R		3305.26	+7.5	3312.8	SH	
53° L			19.9	285.4	bot small swale	
100° L			21.9	283.4	S.H.	
T.P.	1174	3316.37	0.63	3304.63		
80+39°			3.4	13.0	℄ Top brk	
56° R			+5.5	21.9	Top brk	
98° R			+10.0	26.4	" "	
30° L			12.0	04.4	Head ~~swl~~ swale	
74° L			+19.0	3297.4	Top brk	
100° L			25.3	91.1	S.H	
T.P.	416	3319.67	0.86	3315.51		
80+50			5.24	14.43	℄ 1x2	
50° R			+2.6	22.3	SH Top ridge	
96° R			+8.7	28.4	Top brk	
116° R			+8.0	27.7		
48° L			16.6	3303.1	Head swale	
96° L			24.0	3295.7	SH	
129° L			31.8	3287.8	S.H.	
80+70.92			4.87	3314.80	℄ 1x2 Top ridge Top brk	
52° R			+1.8	21.5	Top brk	
87° R			+5.1	3324.8	Top brk	

F. B. 1847 Pg. 52 Job No. 07045 Division No. ____ Notes Red. RE Plotted ____ No. ____ Profile
Survey of Pine cr Rd Date 11/12/54 Date ____ X-Sec.
Survey by R.L. Wills + Notes RLW Notes Chkd. ____ Checked ____
Indexed J. C. Johnson Date ____ Date ____ No. ____

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED ING, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
80+70.92						
129° R		3319.67	+5.1	3324.8		
38° L			12.0	07.7	Top ridge	
87° L			20.4	3299.3	Top brk	
81+00			10.14	09.53	℄ 1X1 Top brk	
51° R			8.2	11.5	SH	
104° R			8.2	11.5	SH (28' W/y	— 6.9' bot draw
41° L			13.9	3305.8	Head of small	
98° L			20.6	3299.1	Top brk	
T.P.	0.93	3308.42	12.18	3307.49		
81+22			5.2	03.2	℄ Top brk	
50° R			6.0	02.4	SH	
108° R			4.0	04.4	bot draw.	
48° L			7.8	3300.6	H small swale	
76° L			8.2	3300.2	Top ridge	
119° L			12.6	3295.8	Top brk	
TP	0.87	3298.07	11.22	3297.20		
81+50			5.83	92.24	℄ 1X1 Toe slope	
34° R			5.0	93.1	bot. draw	
62° R			0.4	3297.7	Toe slope	
103 R			+6.0	3304.1	SH	
66.3 L			5.1	3293.0	bot small swale	

Profile Notes Red. JCE Plotted Job No. 2964 Division No. F. B. 1147
No. Date 11/12/54 Date Survey of Pine Ave. Pg. 157
X-Sec. Notes Chkd. Checked Survey by Notes PLW Date
No. Date Date Map No. Map Ret. JOHNSON Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
81+50						
115.0 L		3298.07	4.0	3294.1	Top ridge.	
8+66.6			9.6	88.5	℄ bot draw.	
8+76.6			9.7	88.4	℄ Toe slope	
82+00			7.26	90.81	℄ 1X1	
32.0 R			+1.6	3299.7	SH	
65.5 R			+10.0	3308.1	SH	
91.0 R			+19.4	3317.5		
56.0 L			18.5	3279.6	bot draw	
87.0 L			17.5	80.6	small swale	
125.0 L			9.7	88.4	Top ridge	
82+27.7			5.4	92.7	Top small ridge	
32.0 R			+5.6	3303.7	" " "	
81.4 R			+22.0	3320.1	" " "	
110.2 R			+31.0	3329.1	" " "	
51.5 L			18.4	3279.7	end " " Toe slope	
67.4 L			21.1	3277.0	bot draw.	
99.0 L			10.9	87.2	Side Hill.	
82+50			7.50	3290.57	℄	
40.5 R			+5.1	3303.2	SH	
87.3 R			+22.6	3320.7	SH	
58.0 L			21.5	3276.6		

F. B. 1847 PG. 152 Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cn Rd Date 11/12/54 Date X-Sec.
Survey by R.L. Willey Notes BLW Notes Chkd. Checked
Indexed R. C. Johnson Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
82+50						
108° L		3298.07	27.7	704	Toe slope (20' wly	- 3.7 int. drain
82+88.7			14.0	84.1	℄ bot draw	
83+00			13.0	85.1	℄ Toe.	
20° R			11.3	86.8	bot drain	
38.5 R			7.0	3291.1	Toe slope	
70° R			+3.7	3301.8	Top brk	
99.5 R			+12.0	3310.1	Top small spur	
29.3 L			14.4	3283.7	" brk	
57° L			19.2	78.9	S.H	
104° L			25.6	72.5	S.H	
T.P.	1164	3309.24	0.47	3297.60		
83+50			6.19	3303.05	℄ 1X1 S.H.	
62° R			9.0	00.2	S.H (19° Ely - 6°; angle pt in	
114° R			4.2	05.0	S.H. (15° Ely - 3' bot	
15° L			7.9	3301.3	Top brk	
59° L			17.0	3292.2	SH	
101.8 L			26.4	3282.8	S.H	
83+63.4			2.3	3306.9	℄ Top brk	
T.P.	791	3316.42	0.73	3308.51		
83+80.5			6.3	10.1	℄ Top brk	
42° R			2.1	3314.3	Top brk	

Profile Notes Red. JRF Plotted Job No. 0904.68 Division No. F. B. 1847 Pg. 153
No. Date 11/12/54 Date Survey of Pine Cr Rd
X-Sec. Notes Chkd. Checked Survey by R.L.Wille Notes R.L.W. Date 9-54
No. Date Date Map No. Checked Johnson Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
84+00		3316.42	4.80	3311.62	℄	
64° R			+2.2	18.6	Top brk (5' Ely	- 0.7 Top brk)
134° R			+6.6	23.0	" brk	
52° L			13.7	3302.7	SH	
86° L			19.9	3296.5	Top brk	
124° L			28.3	3288.1	bot small swale	
84+50			4.30	3312.12	℄ 1x1 Top wide ridge	
36° R			0.0	16.4	Slope Top ridge	
82° R			+2.8	19.2	Top slope	
119.9 R			+4.5	20.9	Top brk 32° Ely	+38' Top ridge
52° L			11.1	05.3	SH	
115.4 L			18.4	3298.0	"	
85+00			5.40	3311.12	℄	
33.2 R			4.5	11.9	Top brk	
80° R			8.0	08.4	SH	
121.6 R			8.3	08.1	"	
50° L			10.3	06.1	SH	
110° L			17.2	3299.2		
85+29°			8.0	3308.4	℄ Top brk	
85+50			10.67	05.75	℄ 1x1	
26.4 R			12.0	04.4	Top brk	

F. B. 1847 PG. 154 Job No. 090460 Division No. Notes Red. JRE Plotted Date 11/12/54 No. Profile
Survey of Pine Cn Rd Date No. X-Sec.
Survey by R.L. Willey Notes RLW Notes Chkd. Checked
Indexed R. C. Johnson Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
85+50						
66° R		3316.42	19.8	3296.6	S.H.	
112° R			23.6	3292.8	bot brk	
46° L			11.0	3305.4	Top brk	
110° L			17.9	3298.5	S.H.	
T.P.	1.52	3306.03	11.91	3304.51		
85+84			6.1	3299.9	Top brk ℄	
86+00			9.79	96.24	℄	
56° R			22.8	83.2	bot brk	
87° R			24.3	81.7	bot brk	
127° R			23.0	83.0	slope	
25° L			5.3	3300.7	Top brk	
60° L			4.1	3301.9	Top slope	
103° L			7.7	3298.3	slope	
T.P.	2.24	3296.41	11.86	3294.17		
86+22.3		86.0	6.0	90.4	℄ Top brk	
T.P.	1.34	3285.99	11.76	84.65		
86+50			5.50	80.49	℄ 1x1 SH	
33.5 R			13.2	72.8	bot brk	Toe slope
64° R			12.4	73.6	bot "	Toe slope
101° R			9.0	77.0	slope	(13' E ℄ + 9.3 Toe
39° L			5.3	3291.3	Top brk	

Profile Notes Red. JKE Plotted 11/1/54 Date Job No. 8-1 Division No. Survey of Pine Cr Rd
No. Notes Chkd. Checked Survey by Notes Date 9-15
No. Date Date Map No. Date

F. B. 1847 Pg. 55

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STATION	B. S.	H. I.	F. S.	ELEV.		
86+50						
65° L		3285.99	+8.0	3294.0	Top brk	
99° L			+6.8	92.8	SH.	
T.P.	321	3277.50	11.70	3274.29		
86+84°			10.4	67.1	℄ Toe slope	
87+00			12.40	65.10	℄ 1X1	
33° R			8.4	69.1	slope	
72° R			3.9	63.6	"	
100° R			0.0	77.5	"	
18° L			12.5	65.0	Toe slope	
43° L			5.9	71.6	Top brk	
84° L			1.1	76.4	" "	
110° L			1.2	76.3	slope	
T.P.	273	3268.29	11.94	3265.56		
BM PC #5	555	3263.89	10.00	58.34	BM P.C. #5 Peg Book	Not adj.
87+49.25			2.43	61.46	B.C.	
25° R			+2.7	66.6		
73° R			+7.0	70.9		
105° R			+9.7	73.6	Slope 11' wly - 1.2 bot small drain	
8° L			3.7	60.2	bot brk	
63° L			5.2	58.7	bot brk	
113° L			3.5	32~~58~~60.4		

F. B. 1897 Pg. 156 Job No. 09969 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr Rd Date 11/12/54 Date No.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
87+92.2		3263.89	3.5	3260.9	℄ bot small drain	
88+00			2.53	61.36	℄	
34° R			+2.7	66.6	Top brk 25° Ely	-2.7 bot small dr
85° R			+6.9	70.8	Slope	
40° L			9.1	54.8	bot small drain	
83° L			12.5	51.4	slope	
110° L			13.7	50.2	"	
T.P.	115	3264.19	0.85	3263.04		
88+22.2			0.4	63.8	℄ Top brk	
88+50			0.75	63.44	℄ 1X1	
43° R			+3.4	67.6	slope	
93° R			+8.8	73.0	"	
50° L			5.8	58.4		
83° L			10.0	54.2	T brk	
120° L			14.9	49.3	slope 21° Ely	-3.2' bot small dr
89+00			3.37	60.82	℄ 1X	
4[illegible]° R			+0.4	64.6	slope	
100° R			+6.0	70.2	"	
50° L			7.7	56.5	"	
104° L			12.7	51.5	"	
89+50			7.10	3257.09	℄ 1X1	

Profile Notes Red JRF Plotted Job No. 090460 Division No. F. B. Pg. 157
No. Date 11/16/54 Date Survey of Pine Cr. Rd
X-Sec. Notes Chkd. Checked Survey by R.L. Willis Notes R.L.W. Date 9-54
No. Date Date Map No. Indexed C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
89+50						
50° R		3264.19	2.3	3261.9	Slope	
100° R			+2.9	67.1	"	
50° L			11.4	52.8	"	
101° L			15.2	49.0	"	
90+00			10.71	53.48	℄ slope	
50° R			6.3	57.9	Slope	
100° R			1.3	62.9	Slope	
50° L			14.5	49.7	Slope	
100° L			18.6	45.6	"	
T.P.	7.96	3260.43	11.72	3252.47		
90+50			11.04	49.39	℄ 1X1	
50° R			6.6	53.8	Slope	
92.5 R			1.5	58.9	"	
50° L			14.4	46.0		
103° L			18.5	41.9		
91+00			14.2	46.2	℄ 1X1	
29.5 R			11.9	48.5	Slope	
52° R			9.1	51.3	"	
98° R			1.2	59.2	"	
50° L			19.8	40.6	"	
100° L			24.3	36.1	"	

F. B. Pg. 158 Job No. 390469 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr. Pd. Date 11/12/54 Date No.
Survey by R.L. Willey Notes Rebuilt Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
91+50		3260.43	17 4	3243.0	℄ 1X1	
41° R			11 4	49.0	bot brk	
97° R			0.1	60 3	slope	
58° L			22 7	37.7		
100° L			28 0	32.4		
92+00			15 5	44.9	℄ 1X1	
41° R			8 2	52.2	slope	
100° R			+4 5	64 9	"	
50° L			23 9	36 5	"	
87° L			28 6	31.8	bot brk	
100° L			30 0	30.4	slope	
92+34°			14 3	46.1	℄ Top brk	
92+50°			14.4	46.0	℄ 1X1	
50° R			4.4	56.0	slope	
108° R			+7.2	67 6	TOP brk	
42° L			22 4	38.0	slope	
98° L			31 4	29.0	"	
TP	3 38	3252.10	11 71	3248.72		
92+75			6 9	45.2	℄ brk	
93 +00			8 33	43.77	℄ 1X1	
377 R			1 4	3250 7		

Profile No. X-Sec. No. Notes Red. JRF Date 11/12/54 Plotted Date Job No. 09 Division No. Survey of Survey by R L Wilson Notes Date 9-3-54 Date Date Date Date Date Date Date Date

F. B. 1847 Pg. 159

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
93+00						
78° R		3252.10	+6.9	3259.0	slope	
111° R			+13.2	65.3	"	
50° L			16.6	35.5	"	
100° L			24.0	28.1	"	
93+50			10.96	41.14	℄ bot swale	
45° R			2.7	49.4	slope	
100° R			+8.3	60.4	"	
50° L			19.7	32.4	"	
78° L			24.3	27.8	brk	
100° L			27.2	24.9	slope	
94+00			10.73	41.37	℄ slope	
45° R			1.6	50.5	"	
89° R			+8.0	60.1	"	
50° L			19.6	32.5	"	
90° L			26.3	25.8	bot. brk	
100° L			28.1	24.0	slope	
94+50			9.87	42.23	℄	
42° R			2.0	50.1	slope	
92° R			+7.8	59.9	"	
50° L			18.6	33.5	"	
100° L			24.7	3227.4	"	

F. B. 1847 PG. 160 Job No. 09046 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr Rd Date 11/12/54 Date X-Sec.
Survey by E.L. Willey Notes E.L.W. Notes Chkd. Checked
Indexed E.J. Johnson Date Date No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3252.10				
T.P.	9.01	3249.17	11.94	3240.16		
94+69°			7.6	41.6	℄ Top brk	
95+00			9.49	39.68	℄ 1x1	
52° R			0.0	49.2	slope	
100° R			+9.4	58.6	slope	
50° L			16.6	32.6	bot swale	
105° L			22.6	26.6	"	
95+21°			10.4	38.8	℄ bot swale	
95+50			8.74	40.43	℄ 1x1	
50° R			2.6	46.6	bot swale	
100° R			+4.2	53.4	" "	
51° L			15.1	34.1	" "	
101° L			20.0	29.2	slope	
95+87.5			6.7	42.5	℄ bot brk	
96+00			6.42	42.75	℄ 1x1	
26° R			3.9	45.3	bot brk	
50° R			0.6	48.6	slope	
100° R			+6.2	55.4	slope	
50° L			11.8	37.4	slope	
105° L			17.7	31.5	"	

Profile No. ____ Notes Red. JCE Date 11/12/54 Plotted ____ Date ____ Job No. 090466 Division No. ____ Survey of Pine Ave Rd Survey by R.L. Willey Notes R.L.W. Date 9-54 Indexed C. Johnson Date ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Map No. ____

F. B. 161 Pg. 161

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
96+50		3249.17	2.25	3246.92	℄	
52° R			+3.2	52.4	Slope	
88° R			+6.9	56.1	Top brk	
109° R			+8.2	57.4	bot swale	
53° L			8.2	41.0	Slope	
103° L			13.3	35.9	Slope	
T.P.	12.30	3260.78	0.69	3248.48		
96+76°			12.0	48.8	℄ brk	
97+00			10.07	50.71	℄ 1x1	
50° R			4.2	56.6	Slope	
100° R			+1.4	62.2	"	
52° L			15.8	45.0	"	
87° L			19.9	40.9	Top brk	
108° L			22.0	38.8	Slope	
97+35.5			7.2	53.1	℄ brk	
97+50			6.47	54.31	℄ 1x1	
57.5 R			0.0	60.[illegible]	slope	
100° R			+5.0	65.8	"	
51° L			12.8	48.0	"	
103° L			18.3	42.5	"	
98+00			3.65	57.13	"	

F. B. 1847 Pg. 162 Job No. Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr Rd Date 11/12/54 Date No.
Survey by R.L.Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
98+00						
52° R		3260.78	+2.9	3263.7	Slope	
103° R			+9.0	69.8	"	
41° L			9.2	51.8	brk	
75° L			12.2	47.6	brk	
102° L			15.6	45.2	slope	
98+18°			2.8	58.0	℄ bot brk	
98+40.5			1.1	59.7	℄ Top "	
19° R			+2.6	63.4	Top brk	
39° R			+4.3	65.1	"	
65° R			+7.5	68.3	"	
98° R			+11.0	71.8	slope	
52° L			7.7	53.1	"	
104° L			14.4	46.4	"	
98+50° TP	6.93	3267.06	0.65	60.13	℄ 1X1	
98+82°			5.4	61.7		
99+00			5.2	61.9		
15° R			3.6	63.5	slope	
31.5 R			1.0	66.1	"	
69° R			+4.0	71.1	"	
100° R			+7.8	74.9		
39° L			10.9	56 ~~78.0~~ 3	Slope	C - 2° Wly bot drain

Profile No. ____ Notes Red. JRF Date 11/12/54 Plotted ____ Date ____ Job No. 090468 Division No. ____ Survey of Pine Cn Rd

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by R.L. Willey Notes ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 1847 Pg. 163

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
66° L		3267 06	14,3	3252 8	Top brk into drain	
69° L			15,3	51 8	bot drain ∡ pt	
100° L			19,2	47 9	" "	
99+15			5,4	61,7	Top brk	
17 8			6,4	60,7	bot drain beginning	
20 5			5,3	61,8	Top brk	
99+50			5,04	62,02	℄ 1X1	
50° R			+2,4	69 5	slope	
100° R			+9,8	76 9	"	
51° L			12,0	55,1	"	
103° L			19,3	47,8	"	
99+74°			5,0	62,1	℄	
100+00			5,06	62,00	℄ 1X1	
60° R			+2,8	69,9	slope	
95° R			+7,7	74 8	"	
53° L			11,8	55 3	"	
106° L			18,8	48,3	"	
100+50			4,26	62,80	℄ 1X1	
51° R			+2 6	69,7	slope	
1001° R			+9 0	76,1	"	
50° L			10,6	56,5	"	

F. B. 1847 PG. 164 Job No. 09046 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr Rd Date 11/12/54 Date No.
Survey by R L Willey Notes R L W Notes Chkd. Checked X-Sec.
Indexed R. O. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
100+50						
101° L		3267.06	16.9	3250.2	slope	
EC 100+63.81			3.97	63.09	℄ 3/4" IP E	
101+00			4.05	63.01	℄	
50° R			+2.3	69.4	slope	
100° R			+8.3	75.4	"	
50° L			10.3	56.8	"	
100° L			16.0	51.1	"	
T.P.	7.13	3270.15	4.04	3263.02		
101+50			6.43	63.72	℄ IXI	
24° R			4.0	66.1	slope	
50° R			0.8	69.3	"	
100° R			+5.2	75.3	"	
51° L			12.3	57.8	"	
104° L			18.4	51.7	"	
102+00			6.63	63.52	℄ IXI	
33.5 R			3.4	66.7	slope	
50° R			1.6	68.5	"	
100° R			+4.6	74.7	"	
50° L			12.3	57.8	"	
102° L			17.9	52.2	"	
102+50			7.80	62.35		

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 090468 Division No. ____ F. B. 1847 Pg. 165
Date 11/12/54 Date ____ Survey of Pine Cr Rd
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date 9-54
Date ____ Date ____ Map No. ____ Rnd Old Johnson Date ____

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F. B. 1842 PG. 166 Job No. 9946 Division No. 2 Notes Red. JRE Plotted No.
Survey of Pine St. Date 11/12/54 Date X-Sec.
Survey by R. L. Willey Notes R. L. W. Notes Chkd. Checked
Indexed R. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
102+50						
51 ℄ R		3270.15	2.1	32[illegible]	Slope	
100 ℄ R			13.1	73.2	"	
50 ℄ L			13.1	57.0	"	
101 ℄ L			17.8	52.3	"	
103+00			8.20	61.95	℄ IXI	
51 ℄ R			3.3	[illegible].8	Slope	
100 ℄ R			12.1	[illegible]	"	
64 ℄ L			16.4	53.7	Top cut E, side 90 Th W	
69 ℄ L			18.0	52.1	bot " " edge pvmt	
100 ℄ L			19.7	50.4	ctr pvmt 12 ℄ Ely −1.4 bot cut E edge pvmt 10 ℄ Wly +0.3 bot cut W " "	
BM # PC 6	945	3274.90	4.72	3265.45	BM PC 6. peg elev. 3265.449	
103+29 ℄			12.3	62.6	℄ Top cut	
103+34 ℄			13.0	61.9	℄ bot " edge pvmt	
103+50			13.25	61.65	℄ and ctr of pvmt	
16 ℄ R			11.4	63.5	Slope	
55 ℄ R			8.2	66.7	"	
102 ℄ R			3.7	71.2	"	
13 ℄ L			15.0	57.9	bot cut	
17.3 L			14.2	60.7	Top "	
50 ℄ L			16.3	58.6	Slope	
100 ℄ L			20.3	54.6	"	

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STATION	B. S.	H. I.	F. S.	ELEV.		
104+00		3274.90	11.05	3263.85	℄ N+T	
19.8 R			9.2	65.7	bot cut	
22.2 R			8.5	66.4	Top "	
57.0 R			6.7	68.2	slope	
99.0 R			4.4	70.5	"	
5.0 L			11.5	63.4	bot cut	
7.8 L			11.0	63.9	Top "	
15.6 L			10.8	64.1	" brk	
50.0 L			13.3	61.6	slope	
100.0 L			16.7	58.2	"	
104+50			7.03	66.87	℄	
17.0 R			6.0	68.9	bot cut	
20.5 R			4.7	70.2	Top "	
50.0 R			3.0	71.9	slope	
89.0 R			0.0	74.9	"	
6.4 L			7.4	67.5	bot cut	
9.8 L			7.2	67.7	" "	
17.2 L			7.1	67.8	Top brk	
50.0 L			9.5	65.4	slope	
100.0 L			13.3	61.6	"	
105+00			2.79	3272.11	℄ N+T	

Profile Notes Red. JRF Plotted Job No. 29-4-68 Division No.
No. Date 11/12/54 Date Survey of Pine Cn Rg
X-Sec. Notes Chkd. Checked Survey by R.L. Willey Notes R.L.W. Date 9-54
No. Date Date Map No. Indexed E. Johnson Date

F. B. 1847 Pg. 167

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STATION	B. S.	H. I.	F. S.	ELEV.		
105+00						
16.5 R		3274.90	1.8	3273.1	bot cut	
19.4 R			0.3	74.6	Top "	
50.0 R			+1.8	76.7	Slope	
100.0 R			+4.7	79.6	"	
6.5 L			3.2	76.7	bot cut	
9.2 L			2.8	72.1	Top "	
15.8 L			2.5	72.4	" brk	
50.0 L			5.6	69.3	Slope	
100.0 L			10.1	64.8	"	
T.P.	11.86	3285.85	0.91	3273.99		
105+50			9.72	76.13	℄ N+T	
14.2 R			9.0	76.8	bot cut	
17.8 R			7.5	7[illegible].3	Top "	
50.0 R			5.5	80.3	Slope	
100.0 R			+1.5	81.3	"	
8.5 L			10.2	75.6	bot cut	
11.0 L			10.1	75.7	Top "	
17.0 L			10.2	75.6	Top brk	
50.0 L			12.5	7[illegible].3	Slope	
100.0 L			17.2	68.6	Slope	
106+00			6.25	79.60	℄ N+T	

F. B. 1847 PG. 168
Job No. 090468 Division No. ____ Notes Red. JRE Plotted ____ Profile
Survey of Pine Ave Rd Date 11/12/54 Date ____ No. ____
Survey by R L Willey Notes RLW Notes Chkd. ____ Checked ____ X-Sec.
Indexed R. C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
106+00						
12.5 R		3285.85	5.6	3280.2	bot cut	
17.0 R			4.0	81.8	Top "	
50.0 R			1.9	83.9	Slope	
100.0 R			+1.7	87.5	"	
8.7 L			6.7	79.1	edge Rd.	
31.5 L			7.5	78.3	Top brk	
50.0 L			9.2	76.6	slope	
100.0 L			13.6	72.2	"	
106+50			2.54	83.3	℄	
12.4 R			1.8	84.0	bot cut	
17.0 R			0.4	85.4	Top "	
50.0 R			+1.6	87.4	slope	
100.0 R			+5.7	91.5	"	
10.7 L			3.1	82.7	bot cut	
18.8 L			2.9	82.9	Top "	
48.3 L			5.7	80.1	brk	
100.0 L			11.4	74.4	slope	
T.P.	10.57	3296.27	0.15	3285.70		
107+00			9.33	86.94	℄ N+T	
10.7 R			8.5	87.8	bot cut	
15.0 R			6.7	3289.6	Top cut	

Profile No. ____ Notes Red. JRF Date 11/12/54 Plotted ____ Date ____ Job No. 090468 Division No. ____ Survey of Pine Cov Rd

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by R.L. Willey Notes RLW Date 9-54 Map No. ____ Indexed J. C. Johnson Date ____

F. B. 1847 Pg. 161

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STATION	B. S.	H. I.	F. S.	ELEV.		
107+00						
50° R		3296.27	4.2	3292.1	slope	
100° R			0.8	95.5	"	
11.6 L			10.0	86.3	bot cut	
19.5 L			9.3	87.0	Top "	
47.2 L			13.2	83.1	bot brk	
57.7 L			13.0	83.3	Top "	
100° L			18.1	78.2	slope	
107+50			5.78	90.49	℄ N+T	
11.9 R			5.1	91.2	bot cut	
16.5 R			3.5	92.8	Top "	
52° R			+0.3	96.6	slope	
104° R			+3.8	3300.1	"	
11.7 L			6.6	3289.7	bot cut	
16° L			5.9	90.4	Top "	
25° L			8.2	88.1	bot brk	
50° L			9.5	86.8	slope	
100° L			14.6	81.7	"	
108+00			2.79	93.48	℄	
11.5 R			2.2	94.1	bot cut	
16° R			1.0	95.3	Top "	
50° R			+2.7	3299.0	Slope	

F. B. 1847 Pg. 170 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr Rd Date 11/12/54 Date No.
Survey by R.L. Willey Notes RLW Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
108+00						
100° R		329627	+7.7	3304.0		
12.4 L			3.6	3292.7	edge rd.	
18.3 L			3.4	92.9	Top brk	
21° L			4.5	91.8	bot "	
52° L			7.7	88.6	slope	
100° L			12.3	84.0	"	
T.P.	11 15	3307.09	0.33	3295.94		
108+50			10.82	96.9	℄ NTT	
11° R			10.4	96.7	bot cut	
15.7 R			8.8	3298.3	Top "	
50° R			5.2	3301.9	slope	
104° R			0.2	3306.9	"	
12.6 L			11.5	3295.6	edge Rd	
17.2 L			11.2	95.9	Top brk	
20° L			12.0	95.1	bot brk	
48° L			14.5	92.6	slope	
100° L			19.2	87.9	"	
109+00			8.18	3298.81	℄	
11° R			7.7	99.4	bot cut	
14.8 R			5.9	3301.2	Top cut	
50° R			2.2	3304.9	Slope	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 090465 Division No. ____ F. B. 1847 Pg. 171
Date 11/12/54 Date ____ Survey of Pine Cr Rd
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L.Willey Notes R.L.W. Date 9-54
Date ____ Date ____ Map No. ____ Indexed E. Johnson Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
109+00						
100° R		330709	+2.2	3309.3		
12.4 L			8.7	329[illegible].4	edge Rd	
18.3 L			8.2	98.9	Top brk	
24.0 L			9.6	97.5	bot "	
50° L			12.3	94.8	slope	
100° L			17.2	89.9	"	
109+50			6.10	33[illegible].99	℄ N+T	
11° R			5.7	01.4	bot cut	
16.7 R			3.4	03.7	Top "	
47° R			0.0	07.1	slope	
100° R			+4.6	11.7	Slope	
12.2 L			6.5	0[illegible].6	edge Rd	
17.7 L			6.4	[illegible].7	Top brk	
22.6 L			7.3	3299.8	bot brk	
50° L			10.2	96.9	Slope	
100° L			15.3	91.8	"	
110+00			4.52	3302 ~~45~~ 57	℄ N+T	
11.5 R			4.0	03.1	bot cut	
16.2 R			2.2	04.9	Top "	
50° R			+2.5	09.6	Slope	
100° R			+7.7	3314.8	"	

F. B. 1847 Pg. 172 Job No. 090960 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr Rd Date 11/12/54 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date Date

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
110+00						
11.8 L		3307 pg	5.0	33 02.1	edge Rd	
17.6 L			4.9	02.2	Top brk	
20.6 L			5.7	01.4	bot "	
50.0 L			8.4	3298.7	slope	
100.0 L			14.0	3293.1	"	
T.P.	557	3311.51	1.15	3305.94		
110+50			7.55	03.96	℄ N+T	
11.5 R			6.9	04.6	bot cut	
16.5 R			5.4	06.1	Top "	
50.0 R			1.5	10.0	slope	
100.0			+4.0	15.5	"	
12.0 L			8.1	03.4	edge Rd	
17.5 L			8.0	03.5	Top brk	
21.3 L			8.9	02.6	bot brk	
50.0 L			12.9	3298.6	slope	
100.0 L			17.6	93.9	"	
111+00			6.32	3305.19	℄ N+T	
11.0 R			5.9	05.6	bot cut	
18.0 R			3.6	07.9	Top "	
50.0 R			+5.8	17.3	Slope	
100.0 R			6.6	04.9		

Profile No. ____ Notes Red. JRF Plotted ____ Job No. [illegible] Division No. ____ F. B. 1847 Pg. 173

X-Sec. No. ____ Date 11/12/54 Date ____ Survey of Pine Cr Rd

Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date 9-54

Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
111+00						
11.0 ~~R~~ L		3311.51	6.0	33[illegible] 5	edge Rd	
16.8 ~~R~~ L			6.0	05 0.5	T brk	
19.7 ~~R~~ L			7.0	04 5	bot "	
50.0 ~~R~~ L			10.5	01 0	slope	
101.0 ~~R~~ L			16.3	329[illegible] 2	"	
111+50			5.8	33[illegible] 7	℄	
11.0 R			5.1	[illegible] 4	bot cut	
17.8 R			2.9	[illegible] 6	Top "	
50.0 R			+3.0	14 5	Slope	
100.0 R			+6.0	17 5	"	
11.5 L			5.8	05 7	edge pvmt	
15.5 L			5.5	[illegible] 0	Top brk	
20.0 L			6.6	[illegible] 7	bot brk	
50.0 L			10.0	01 5	slope	
100.0 L			15.0	329[illegible] 5	"	
111+90.0			5.05	33[illegible] 6	℄	
12.0 R			4.3	07 2	bot brk	
29.3 R			2.0	09 5	Top " (9.3 Ely -0.3 bot cut) (11.5 Ely + 0.8 Top cut	
68.3 R			+2.4	13 7	" " (8.0 Ely -0.2 " ") (9.0 " +0.5 " "	
112+00			5.05	[illegible] 6	℄ N+T	
10.5 R			4.5	3307 [illegible]	bot cut	

F. B. 1847 Pg. 174 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr Rd Date 11/12/54 Date No.
Survey by R.L. Willey Notes RLW 9-54 Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
112+~~30~~ 00						
16.7 R		3311.51	2.7	3308 8	Top cut (3° Ely - 0.8 bot cut	
36° R			0.0	11 5	Top cut (8' Wly bot fill - 0.4)	
44° R			+1.0	12 5	Top C. (5° Wly + 0.8 bot fill (9° Wly + 2	
78° R			+3.9	15 4	bot fill (5.5 Wly + 1.7 Top fill)	
10.9 L			5.3	06 2	edge Rd	
14.5 L			4.8	06 7	Top brk	
20.3 L			6.1	05 4	bot "	
51° L			10.1	01 4	slope	
102° L			15.4	3296 1	"	
112+50 ~~113+00~~			5.46	3305 05	℄ N&T	
11° R			5.1	06 4	bot cut	
15° R			3.9	07 6	Top "	
21° R			3.6	07 9	bot "	
27° R			8.8	10 7	Top "	
36.7 R			0.5	11 0	bot fill	
45° R			+4.2	15 7	Top "	
81° L			2.8	08 7		
13° L			6.0	05 5	edge prmt	
18.5 L			7.5	04 0	bot cut	
51° L			11.0	00 5	Slope	
102° L			16.0	3295 5	"	

Profile No. ____ Notes Red. JRE Plotted ____ Job No. 29046 Division No. ____ F. B. 1847 Pg. 175
Date 11/12/54 Date ____ Survey of [illegible]
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R. L. Willey Notes R.L.W. Date ____
Date ____ Date ____ Map No. ____ Reduced Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
113+00		3311,51	5.62	3305 89	℄ N+1	
12 2 R			5,3	[illegible] 2	bot cut	
17 0 R			3.8	[illegible] 7	Top "	
25 2 R			2,8	08 7	bot cut	
32 0 R			00	11 5	Top "	
39 0 R			04	11 1	bot fill	
45 5 R			+51	[illegible] 6	Top "	
92 0 R			+5,2	[illegible] 7	flat	
13 0 L			61	05 4	edge Rd T. brk	
19 6 L			7,2	[illegible] 3	bot brk	
50 0 L			10,8	[illegible] 7	slope	
101 0 L			16 0	3[illegible]	"	
~~114+00~~ 113+50			585	3305 66	℄ N+T	
12 5 R			54	[illegible]	bot cut	
23 0 R			32	[illegible] 3	Top " (3° Wly -1' bot cut	
29 0 R			26	[illegible]	bot fill	
34 0 R			+4 0	[illegible]	(6° Ely +3' Top fill)	
43 0 R			+2 0	[illegible]	(8° Ely +1' " ")	
51 0 R			+2 5	[illegible]	bot brk (11° R +5' Top fill	
95 0 R			0,0	[illegible]		
14 0 L			63	[illegible]	edge Rd	

F. B. 1897 Pg. 176
Job No. 09046 Division No. ____ Notes Red. JRE Plotted ____ Profile
Survey of Pine Cr Rd Date 11/12/54 Date ____ No. ____
Survey by R L Walley Notes R.L.W. Notes Chkd. ____ Checked ____ X-Sec.
Indexed R. C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
113+50 ~~114+00~~						
18 8 L		3314.51	7.5	3304 0	bot brk	
51 3 L			11.6	3299 9	Slope	
102 0 L			16.0	95 5	"	
114+00			5.79	3305 72	℄ N+T	
13 0 R			5.3	06 2	edge Rd	
29 5 R			3.5	08 0	bot brk	
64 0 R			0.2	11 3	Slope	
100 0 R			+ 3.5	15 0	"	
13 5 L			6.4	05 1	edge Rd	
16 0 L			7.4	04 1	bot fill	
50 0 L			10.6	00 9	Slope	
101 0 L			14.9	3296 6	"	
T.P.	11 23	3316.94	5.80	3305.71		
114+50			10 20	06 74	℄ N+T	
13 4 R			9 7	07 2	edge pvmt	
21 5 R			9 8	07 1	bot brk	
52 0 R			7 2	09 7	Slope	
81 0 R			3 9	13 0	"	
100 0 R			1.02	15 92	"	
8 5 L			10 6	06 3	edge Rd	
14 0 L			10 0	3306 9	Top brk	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. [illegible] Division No. ____ F. B. 1847 Pg. 177
Date 11/12/54 Date ____ Survey of Pine Cn Rd
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date 9-25-54
Date ____ Date ____ Map No. ____ Sindered Johnson Date ____

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F. B. 1847 PG. 178 Job No. 8204 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr Rd Date 11/12/54 Date X-Sec.
Survey by E.K. Valley Notes E.K.V. Checked
Indexed [redacted] G. Johnson Date Notes Chkd. Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
114+50						
17 5 L		331699	11.8	33[illegible] 1	bot brk	
51 0 L			15.3	[illegible] 6	Slope	
102 0 L			18.9	32[illegible] 0	"	
115+00			7.84	33[illegible] 16	℄ N+T	
13 2 R			7.6	[illegible] 3	edge Rd	
25 5 R			8.4	[illegible] 5	bot brk	
50 0 R			6.2	[illegible] 7	slope	
100 0 R			2.3	[illegible] 5	"	
85 L			8.3	[illegible] 6	edge Rd	
12 3 L			7.3	[illegible] 6		
14 3 L			7.7	[illegible] 2	Top brk	
20 0 L			10.9	[illegible] 5	bot fill	
50 0 L			14.9	[illegible] 5	slope	
102 0 L			18.6	32[illegible] 3	"	
115+50			4.88	33[illegible] 76		
16 8 R			4.6	[illegible] 3	Top brk edge rd	
23 3 R			6.1	[illegible] 8	bot "	
50 0 R			3.3	[illegible] 5	slope	
81 0 R			+1.0	[illegible] 1	Top brk	
100 0 R			+3.0	[illegible] 1	Slope	
75 L			4.8	33[illegible] 1	bot brk edge Rd	

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STATION	B. S.	H. I.	F. S.	ELEV.		
115+50						
10° L		3316.94	3.8	3313.1	Top fill	
26° L			12.7	04.2	bot fill	
52° L			14.2	02.7	bot brk	
101° L			16.1	00.8	slope	
115+72			3.3	13.6	℄	
16° R			3.0	13.6	edge Rd	
19° R			2.2	14.7	Top cut	
24° R			2.6	14.3	bot brk	
53° R			+2.3	19.2	brk in slope	
87° R			+5.6	22.5	Top small E+W spur.	
116+00			1.16	15.78	℄ N+T	
17° R			1.1	15.8	edge Rd+bot cut	
25° R			+4.6	21.5	Top cut	
51° R			+8.0	24.9	slope	
90° R			+11.8	28.7	slope	
8° L			9.1	15.8	bot cut	
23° L			+0.7	17.6	Top cut	
29° L			3.5	13.4	bot brk	
34° L			6.1	10.8	bot brk	
60° L			9.1	07.8	" "	
97° L			8.6	3308.3	Toe slope	

Profile No. ____ Date ____ X-Sec. No. ____ Date ____

Notes Red. JRF Date 11/12/54 Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0964 Division No. ____ Survey of Kline Cy Rd Survey by R.L. Miller Notes ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 1847 Pg. 179

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3316.94				
T.P.	11 63	332840	0 17	33[illegible].77		
116+50			9 14	1[illegible].26	℄ N&T	
14 2 R			9 3	19.1	edge pvmt	
18 0 R			7 6	20 8	bot cut	
20 5 R			+1.6	30.0	Top cut	
70 0 R			+6.2	34.6	Top brk	
100 0 R			+6.8	35.2		
8 7 L			9.6	18.8	bot cut	
13 0 L			7 1	21.3	" brk	
17 0 L			4.1	24.3	Top cut	
30 0 L			3.8	24.6	" brk	
60 0 L			7.8	20.6	bot "	
72 0 L			6.2	22.2	" "	
90 0 L			1.4	2[illegible].0	slope	
117+00			6 55	21.85	℄ N&T	
14 3 R			6 4	22.0	bot cut	
17 5 R			4 7	23.7	bot cut	
22 5 R			+4 1	32.5	Top "	
50 0 R			+6 3	34.7	flat	
100 0 R			+9.2	37.6	"	

F. B. 1847 PG. 180 Job No. 09046 Division No. Notes Red. JRE Plotted Date 11/12/54 No. Profile
Survey of Pine Cn Rd Date 11/12/54 No. X-Sec.
Survey by R.L. Willey Notes R.L.H. Notes Chkd. Checked
Indexed E. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
117+00						
9.0 L		3328.40	6.9	3321.5	edge Rd bot brk	
12.5 L			5.2	23.2	bot cut	
16.8 L			+1.2	29.6	Top "	
31.0 L			+3.0	31.4	Top brk	
61.0 L			+3.4	31.8	flat	
95.0 L			+8.0	36.4	Slope	
117+50			4.78	23.62	℄ N+T	
12.5 R			4.5	23.9	edge Rd	
15.3 R			3.1	25.3	bot cut	
22.0 R			+5.3	33.7	Top cut	
53.0 R			+7.0	35.4	flat	
100.0 R			+8.0	36.4		
9.3 L			5.0	2 33.4	edge Rd bot cut	
12.3 L			3.6	2 34.8	brk in cut	
17.0 L			+3.2	31.6	Top cut	
42.0 L			+4.0	32.4	bot brk	
6[illegible] L			+5.8	34.2	" "	
100.0 L			+10.0	38.4	" "	
118+00			3.35	25.05	℄ N+T	
12.2 R			3.2	25.2	edge Rd	
16.2 R			1.7	26.7	bot cut	

Profile No. ____ Notes Red. JEF Plotted ____ Job No. [illegible] Division No. ____ F. B. 1847 Pg. 189
Date 11/12/54 Date ____ Survey of Pine Cr Rd
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.W. Notes R.W. Date 9-54
Date ____ Date ____ Map No. ____ Indexed E. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
118+00						
20.5 R		3328.40	+3.6	3332.0	Top cut	
50° R			+6.5	34.9	Slope	
100° R			+11.6	40.0	Slope	
9.5 L			3.3	25.1	edge Rd	Private Rd
15.8 L			2.4	26.0	Top cut	{13° Wly +0.2 bot cut / 8° Ely +1.4 bot cut} {20.4 Wly +5.2 Top cut / 13° Ely +6° Top cut}
51° L			+3.0	31.4	Top cut Wly side Private Rd	{16.7 Ely Lev. bot cut / 19.8 " +0.7. Top cut}
100° L			+9.0	37.4	Slope	
118+50			2.38	26.02	℄ N+T	
12° R			2.4	26.0	edge Rd	
14.8 R			1.3	27.1	bot cut	
19° R			+4.4	32.8	Top "	
53° R			+7.6	36.0	Slope	
91° R			+11.6	40.0	"	
10° L			2.4	26.0	edge Rd	
13.5 L			0.8	27.6	bot cut	
17.5 L			+1.8	30.2	Top cut	
41° L			+0.8	29.2	bot brk	
91° L			+4.9	33.3	SH	
T.P.	2.57	3328.83	2.14	3326.26		
119+00			2.65	26.18	℄ N+T	
113 R			2.4	26.4	Edge Rd	

F. B. 1847 Pg. 182 Job No. 2[illegible] Division No. Notes Red. JRE Plotted Profile
Survey of Pine Co. Rd Date 11/12/54 Date No.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
119+00						
13.0 R		3328.83	16	3327.2	brk in cut	
18.0 R			+2.5	31.3	Top cut	
50.0 R			+6.3	34.6	slope	
98.0 R			+12.0	40.8	slope	
10.2 L			3.0	25.8	edge Rd	
14.2 L			1.6	27.2	brk in cut	
16.8 L			+0.2	29.0	Top "	
31.5 L			1.5	27.3	bot brk	
56.8 L			2.3	26.5	" "	
106.8 L			+1.4	30.2	slope	
119+50			3.23	25.60	℄ N+T	
11.6 R			2.9	25.9	edge Rd & bot cut	
13.0 R			2.0	26.8	Top Cut	
19.3 R			+2.0	30.8	Top brk	
52.0 R			+5.9	34.7	slope	
97.6 R			+12.0	40.8	"	
10.7 L			3.4	25.4	edge Rd	
12.7 L			2.7	26.1	Top brk	
18.0 L			1.3	27.5	" cut	
35.5 L			3.3	25.5	bot brk	
70.0 L			4.2	24.6	bot brk	

Profile Notes Red JRF Plotted Job No. 59046 Division No. F. B. 1847 Pg. 183
No. Date 11/12/54 Date Survey of Pine Cr Rd
X-Sec. Notes Chkd. Checked Survey by R L Wilkes Notes Date
No. Date Date Map No. Indexed Date Sd Johnson

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
119+50						
101.0 L		3328.83	1.6	3327.2	Slope	
120+00			4.08	24.75	℄ N+T	
12.8 R			3.6	25.2	bot cut	
16.2 R			1.0	27.8	bot brk	
18.1 R			+1.3	30.1	Top cut.	
50.0 R			+4.9	33.7	Slope	
100.0 R			+11.3	40.1	"	
10.5 L			4.2	24.6	edge Rd bot cut	
17.0 L.			3.1	25.7	Top cut	
29.7 L			4.7	24.1	bot brk	
50.0 L			6.4	22.4	Slope	
74.0 L			7.5	21.3	Toe Slope	
100.0 L			5.8	23.0	Slope	
120+50			5.31	23.52	℄ N+T	
14.0 R			4.8	24.0	bot cut edge Rd	
16.0 R			3.2	25.6	brk	
20.0 R			1.1	27.7	Top cut	
50.0 R			+2.8	31.6	Slope	
97.5 R			+8.4	37.2	"	
10.0 L			5.5	23.3	edge Rd	
17.5 L			5.0	23.8	Top cut	

F. B. 1847 PG. 184 Job No. 2404.60 Division No. Notes Red. JRF Plotted No. Profile
Survey of Pine Cr Rd Date 11/12/59 Date X-Sec.
Survey by R. L. Willey Notes R.R.W. Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
120+50						
33.8 L		3328.83	6.9	3321.9	bot brk	
53.0 L			8.7	20.1	Slope	
100.0 L			9.2	19.6	"	
121+00			6.93	21.90	℄ N+T	
14.8 R			6.7	22.1	edge Rd	
20.5 R			3.7	25.1	Top cut	
50.0 R			0.2	28.6	Slope	
10[illegible].0 R			+5.2	34.0	"	
7.3 L			7.3	21.5	edge Rd	
16.0 L			6.7	22.1	Top cut	
56.7 L			11.0	17.8	bot brk	
100.0 L			11.7	17.1	bot "	
121+50			8.95	19.88	℄ N+T	
14.4 R			8.9	19.9	bot cut	
20.6 R			5.4	23.4	Top "	
50.0 R			2.0	26.8	Slope	
101.0 R			+4.9	33.7	"	
11.4 L			9.3	19.5	edge Rd	
15.6 L			8.7	20.1	Top cut	
25.2 L			10.3	18.5	bot brk	
55.2 L			13.0	15.8	" "	

Profile Notes Red JEE Plotted _____ Job No. [illegible] Division No. _____ F. B. 1847 Pg. 185
No. _____ Date 11/12/54 Date _____ Survey of Pine Cr Rd
X-Sec. Notes Chkd. _____ Checked _____ Survey by R.L. Whitney Notes R.L.W. Date 9-54
No. _____ Date _____ Date _____ Map No. _____ Indexed Johnson Date _____

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STATION	B. S.	H. I.	F. S.	ELEV.		
86° L		3328.83	14.4	3314.4	bot brk	
100° L			13.9	14.9	slope	
T.P.	0.63	3319.47	9.99	3318.84		
121+70.8			0.6	18.9	℄ ~~[illegible]~~	
16.5 R			0.6	18.9	bot cut begining private dr. Ely sick	
20° R			+2.8	22.3	Top " " " "	
42° R			+5.7	25.2	Slope	
91° R			+11.4	30.9	Slope	
122+00			2.13	17.34	℄ N+T	
14.1 R			2.1	17.4	bot Cut Wly side private Rd	
18° R			0.9	18.6	Top " " " " "	
32.2 R			+0.2	19.8	bot " Ely " " "	
34° R			+2.2	21.7	Top " " " " "	
53° R			+4.9	24.4	Slope	
100° R			+10.6	30.1	"	
11.8 L			2.7	16.8	edge Rd	
16.5 L			2.2	17.3	Top cut	
34° L			4.7	14.8	bot brk	
57° L			6.5	13.0	bot brk	
90.5 L			7.9	11.6	bot "	
100° L			7.4	12.1	slope	

F. B. 1847 PG. 186 Job No. 090469 Division No. Notes Red. JRE Plotted Date 11/12/54 No. Profile
Survey of Pine Cr. Rd Date No. X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed R. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
122+50		3319.47	4.96	14.51	℄ N+T	
14.6 R			4.7	14.8	edge Rd	
17.0 R			3.5	16.0	brk in cut	
20.0 R			2.1	17.4	Top "	
50.0 R			1.9	17.6	slope	
62.8 R			+3.0	22.5	bot fill	
65.0 R			+3.7	23.2	Top " edge private Rd	
78.4 R			+4.2	23.7	bot cut " " "	
83.1 R			+5.5	25.0	Top " " " "	
98.0 R			+7.3	26.8	slope	
11.3 L			5.4	14.1	edge Rd	
17.1 L			5.2	14.3	brk	
37.4 L			7.4	12.1	bot brk	
93.0 L			10.1	09.4	" "	
102.0 L			9.4	10.1	slope	
123+00			7.84	11.63	℄ N+T	
14.0 R			7.6	11.9	bot Cut	
17.0 R			6.1	13.4	Top brk	
21.0 R			4.5	15.0	Top cut	
36.2 R			3.2	16.3	Top brk	
51.0 R			1.2	18.3	slope	

Profile Notes Red. JCF Plotted ____ Job No. 09046 Division No. ____ F. B. 1847 Pg. 187
No. ____ Date 11/12/54 Date ____ Survey of Pine Cr Rd
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L.Miller Notes R.L.W. Date 9-54
No. ____ Date ____ Date ____ Map No. ____ Made by G. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
123+00						
101° R		3319 47	+3,9	3323,4	Slope	
104 L			8,2	11,3	edge Rd	
14° L			7,8	11,7	Top brk	
46° L			11,5	08 0	bot "	
82° L			12,5	07,0	bot swale Toe slope	
100° L			11,5	08 0	Slope	
BM PC 7	0.74	3311,88	8,33	3311,14	BM#PC 7 El=3311,144 Peg book el.	
123+50			3.08	08,80	℄ N,+T.	
13° R			3,2	08 7	edge Rd	
16 2 R			2,2	09,7	bot, cut	
20 8 R			0,6	11,3	Top cut	
50° R			+2 8	14,7	slope	
100° R			+8 2	20 1	"	
11 4 L			3,2	08 7	edge Rd	
13 8 L			2,6	09 3	Top cut	
18 1 L			3,9	08,0	bot brk	
43° L			6,4	05 5	bot. "	
90° L			7 4	04 5	bot swale Toe slope	
100° L			6,2	05 7	slope	
124+00			5 17	06,71	℄ N+T	
13° R			4 9	07 0	bot cut	

F. B. 1847 PG. 188 Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cn Rd Date 11/12/54 Date X-Sec.
Survey by R.L. Willey Notes R.L.H. Notes Chkd. Checked
Indexed E. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
124+00						
16.0 R		331188	4.4	3307.5	Top cut	
50.0 R			1.4	10.5	slope	
100.0 R			+4.3	16.2	slope	
10.8 L			5.3	06.6	edge Rd	
13.4 L			4.9	07.0	Top cut	
18.4 L			6.7	05.2	bot brk	
50.0 L			9.0	02.9	slope	
92.6 L			10.0	01.9	bot swale	
100.0 L			9.3	02.6	slope	
124+50			6.56	05.32	℄ N+T	
14.0 R			6.2	05.7	edge Rd	
15.5 R			5.9	06.0	Top brk	
19.0 R			6.3	05.6	bot brk	
50.0 R			3.6	08.3	slope	
100.0 R			+1.8	13.7	"	
11.0 L			6.9	05.0	edge Rd	
12.2 L			6.9	05.0	Top brk	
20.5 L			9.0	02.9	bot "	
50.0 L			10.7	01.2	slope	
100.0 L			12.0	3299.9	"	
125+00			7.16	330472	℄ N+T	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 0904 Division No. ____ F. B. 1847 Pg. 189
Date 11/18/54 Date ____ Survey of Pine Co. Rd
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R L Wiley Notes R L W Date 9-54
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
125+00						
13 5 R		3311.88	6 8	3305.1	edge Rd.	
15 5 R			6 5	05.4	bot brk	
50° R			3 9	08.0	Slope	
70° R			1 8	10 1	bot brk	
77 4 R			0.4	11.5	Top "	
100° R			+1.0	12 9		
10° L			7 4	04 5	edg Rd	
14° L			7 1	04.8	Top brk	
16° L			8 1	03.3	bot "	
50° L			10 7	3301.2	Slope	
100° L			12 4	3299.5		
T.P.	583	3312.30	5.41	3306.47	spk S. side pp# 568289E	
125+50			7 51	04.79	℄ N+T	
12 3 R			7 2	05.1	edge Rd	
16 3 R			5 6	06.7	Top cut	
45° R			2 8	09.5	Slope	
70° R			0.8	11.5	T. brk (15° Wly + 0 I Top Brk)	
101° R			0.0	12 3	Bot cut (11° Wly + 2 5 " ")	
10 8 L			7 6	04.7	edge Rd	
14° L			7 2	05 1	Top fill	
18 5 L			8 3	3304.0	bot "	

F. B. 1847 Pg 90 Job No. 290460 Division No. Notes Red. JRE Plotted Date 11/12/51 Date No. Profile
Survey of Pine Cn Rd Notes Chkd. Checked X-Sec.
Survey by R.L. Willey Date Date No.
Indexed A. C. Johnson Notes R.L.W. Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
125+80						
44 - L		3312.30	9 9	3302 4	Slope	
97° L			12 5	3299.8	bot swale	
126+00			7 28	0502	℄ N47	
12 3 R			7 1	052	edge Rd	
15 5 R			5 6	06.7	Top cut	
50° R			2 2	10.1	slope	
100° R			+3 0	15.3	"	
14 2 L			7.2	05.1	edge pvmt Top brk	
24 L			8.6	07 7	slope	(17° Wly -0.3
52° L			10.8	01 5	"	(17° Wly -0.2 Top brk
90° L			13.2	3299.1	slope (17° Wly -0.5 slope)	
126+50			7.72	3304.58	℄ N47	
8 R			7.3	05.6	edge Rd	
16 5 R			4.9	07.4	Top cut	
50° R			1.6	10 7	slope	
100° R			+2 8	15 1	"	
14° L			7 7	04 6	edge Rd	
16° L			7 2	051	Top fill	
23 5 L			9 6	02 7	" cut	
28 L			14 0	3298 3	bot "	(28° Ely +0.2 bot cut
54° L			14 4	3297 9	flat	

Profile Notes Red. RF Plotted
No. Date 11/12/54 Date Job No. 49-460 Division No.
X-Sec. Notes Chkd. Checked Survey of Pine Cut Rd
No. Date Date Map No. Survey by Pine Notes Pine Date
Indexed Job Date
F. B. 1847 PG. 19

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STATION	B. S.	H. I.	F. S.	ELEV.		
126+50						
101° L		331230	14,0	329[illegible]3		
127+00			8,65	330[illegible]75	℄ N+T	
11° R			8,3	[illegible]	edge Rd bot cut	
15° R			6,5	[illegible]8	Top cut	
45° R			3,8	[illegible]5	Slope	
100° R			+1,0	13,3	"	
13° L			8,6	[illegible]7	edge Rd	
15° L			7,7	[illegible]6	Top brk	
18° L			8,6	[illegible]7	" "	
27° L			12,8	32[illegible]	bot "	
52° L			13	[illegible]	flat edge frame bldg	
127+50			10,21	33[illegible]	℄ N+T	
12° R			9,7	[illegible]6	edge Rd	
52° R			6,1	[illegible]	Slope	
100° R			2,3	[illegible]	"	
11° L			10,2	[illegible]	edge Rd Top cut	
23° L			12,0	[illegible]	bot cut	
53° L			13,6	32[illegible]	flat	
95° L			15,6	9[illegible]	"	
128+00			11,52	330[illegible]8	℄ N+T	
11°			11,1	[illegible]	edge Rd	

F. B. 1147 Pg. 192 Job No. 8904 Division No. ____ Notes Rec. JRE Plotted ____ No. ____ Profile
Survey of Pine Cyn Rd Date 11/12/58 Date ____ X-Sec.
Survey by R L Williams Notes R L Williams Notes Chkd. ____ Checked ____
Indexed K. C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
128+00						
32° R		3312.30	9.6	3302.7	Slope	
70° R			7.7	04.6	bot brk	
94° R			6.1	06.2	Slope	
12.4 L			11.8	00.5	edge Rd	
21.5 L			13.4	3298.9	bot brk	
49° L			14.7	97.6	Slope	
79° L			14.5	97.8	Top cut	
92° L			22.9	90.3	bot "	
T.P.	2.47	3302.78	11.99	3300.31		
128+50			2.71	00.07	℄ N+T	
11.5 R			2.4	00.4	edge Rd	
18.8 R			0.9	01.9	Top cut	
50° R			+0.8	03.6	Slope	
100° R			+4.4	07.2	"	
13° L			3.1	3299.7	edge Rd	
50° L			6.2	96.6	Slope	
100° L			9.8	93.0	"	
129+00			3.21	99.57	℄ N+T	
11.6 L			3.2	99.6	Edge Rd	
20° L			0.8	3302.0	T. Cut	
50° L			+1.7	3304.5	Slope	

Profile No. ____ Notes Red. JCE Plotted ____ Job No. 00046 Division No. ____ F. B. 1847 Pg. 193
Date 11/12/54 Date ____ Survey of Pine Cin Rd
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date 9-54
Date ____ Date ____ Map No. ____ Red Ced Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
129+00						
100° R		3302.78	5.7	329[illegible]1	slope	
15° L			3.6	[illegible]	edge Rd	
24° L			5.1	[illegible]7	bot brk	
50° L			7.0	[illegible]8	slope	
101° L			11.1	[illegible]7	"	
129+50			3.85	[illegible]93	℄ N+T	
11° R			3.7	[illegible]1	edge Rd	
20° R			1.0	33[illegible]8	Top cut	
50° R			+2.0	33[illegible]4.8	Slope	
101° R			+5.8	[illegible]8.6	Slope	
15° L			4.0	32[illegible]8	edge Rd Top brk	
50° L			7.3	[illegible]5	Slope	
101° L			11.4	[illegible]4	"	
130+00			4.72	[illegible]	℄ N+T	
12° R			4.65	[illegible]13	Top cut	
20° R			2.5	33[illegible]3	Top "	
53° R			0.3	[illegible]5	Slope	
100° R			+3.6	3306.4	"	
15° L			4.8	329[illegible]	edge rd Top Full	
50° L			8.0	[illegible]8	Slope	
101° L			12.2	329[illegible]		

F. B. 1847 Pg. 194
Job No. 0904CO Division No. Notes Red. JRE Plotted
Survey of Pine Co. Rd Date 11/12/54 Date No.
Survey by R. L. Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.
Profile

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STATION	B. S.	H. I.	F. S.	ELEV.		
130+50		3302.78	5.74	3297.04	℄ N+T	
12.5 R			5.4	97.4	edge Rd	
19.0 R			3.4	99.4	Top Cut	
51.0 R			0.6	3302.2	Slope	
100.0 R			+3.7	3306.5	"	
14.6 L			6.0	3296.8	edge Rd	
50.0 L			8.7	94.1	Slope	
100 L			13.1	89.7	"	
131+00			6.78	96.00	℄ N+T	
11.8 R			6.2	96.6	edge Rd	
18.2 R			4.5	98.3	Top Cut	
50.0 R			1.5	3301.3	Slope	
100.0 R			+4.6	07.4	"	
14.5 L			6.8	3296.0	edge Rd	
21.8 L			7.8	95.0	bot brk	
50.0 L			10.2	92.6	Slope	
88.0 L			14.2	88.6	Slope	
T.P.	0.76	3296.16	7.38	3295.40		
131+50			1.20	94.96	℄ Rd	
11.8 R			0.8	95.4		
17.3 R			+1.3	97.5	Slope	

Profile Notes Red. JRF Plotted _____ Job No. [illegible] Division No. _____ F. B. 1847 Pg. 195
No. _____ Date 11/12/54 Date _____ Survey of RLOC - - 1-4
X-Sec. Notes Chkd. _____ Checked _____ Survey by R.L. Wolley Notes RLW Date 9-54
No. _____ Date _____ Date _____ Map No. _____ Indexed Johnson Date _____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
50° R		3296.16	+4°	33[illegible].2	Slope	
101° R			+7.8	3304.5	Slope	
15.8 L			1.4	3294.8	edge Rd	
22.3 L			2.4	93.8	Top brk	
52° L			5.0	91.2	Slope	
89.5 L			7.5	88.7	Top brk	
132+00			2.66	3293.50	℄ ~~Rd~~ N&T	
11.5 R			2.2	94.0	edge Rd	
18.8 R			0.5	95.7	Top cut	
51° R			+1.8	3298.0	Slope	
101° R			+8.0	3304.2	bot fill	
16° L			2.8	3293.4	edge Rd	
22.5 L			3.9	92.3	bot brk	
50° L			6.3	89.9	slope	
89.5 L			9.2	87.0	Top brk	
132+50			4.35	91.81	℄ N&T	
12.2 R			4.2	92.0	edge Rd	
18.2 R			2.8	93.4	Top brk	
50° R			+0.5	96.7		
100° R			+5.2	3301.4		
L						

F. B. 1847 PG. 196 Job No. 0904.60 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cn Rd Date 11/12/50 Date No.
Survey by R. L. Willey Notes Chkd. Checked X-Sec.
Indexed R. O. Johnson Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
132+50						
16° L		3296.16	5.1	3291.1	edge Rd	
19° L			5.6	90.6	bot brk	
51° L			8.2	88.0	slope	
94° L			12.3	83.9	"	
133+00			6.40	89.76	℄ N&T	
11.5 R			6.0	90.2	edge Rd	
50° R			1.5	94.7	slope	
100° R			+4.0	3300.2	slope	
14.3 L			6.8	3289.4	edge Rd	
27° L			8.7	87.5	bot brk	
50° L			11.2	85.0	slope	
99° L			15.2	81.0	slope	
133+50			7.73	88.43	℄ N&T	
12.3 R			7.4	88.8	edge Rd bot cut	
16.3 R			6.0	90.2	top cut	
50° R			2.4	93.8	slope	
100° R			+2.1	98.3	"	
14° L			8.1	88.1	edge Rd	
21.7 L			9.2	87.0	bot brk	
50° L			11.7	84.5	slope	
100° L			16.6	3279.6	"	

Profile No. ____ Notes Red. JRF Date 11/12/54 Plotted ____ Date ____ Job No. 2904160 Division No. ____ Survey of Pine Cr. Rd

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by R.L. Willey Notes R.L.W. Date 9-54

Map No. ____ Indexed E. C. Johnson Date ____

F. B. 1847 Pg. 197

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
134+00		3296.16	8.94	3287.22	℄ N+T	
12.0 R			8.6	87.6	edge Rd bot cut	
15.3 R			7.7	88.5	Top brk	
22.7 R			6.5	89.7	" "	
50.0 R			4.1	92.1	slope	
100.0 R			0.8	95.4	"	
13.8 L			9.3	86.9	edge Rd Top fill	
22.5 L			10.4	85.8	bot "	
54.0 L			13.5	82.7	slope	
101.0 L			17.3	78.9	"	
134+50			10.17	85.99	℄ N+T	
11.5 R			9.6	86.6	edge Rd	
14.0 R			8.9	87.3	Top brk	
20.0 R			9.6	86.6	bot "	
50.0 R			7.7	88.5	slope	
100.0 R			4.9	91.3	"	
13.9 L			10.4	85.8	edge Rd	
22.2 L			11.6	84.6	Top brk	
52.0 L			13.7	82.5	slope	
101.0 L			17.8	78.4	"	
T.P.	11.02	3296.42	10.76	3285.40		

F. B. 1487 Pg. 198
Job No. 0904.60 Division No. ____ Notes Red. JRE Plotted ____ Profile
Survey of Pine Cr Rd Date 11/12/54 Date ____ No. ____
Survey by R.L. Willey Notes R.L.W. Notes Chkd. ____ Checked ____ X-Sec.
Indexed A. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
135+00		3296.42	10.49	85.93	℄ N+T	
13.3 R			9.9	86.5	Top brk	
18 R			10.6	85.8	bot "	
50.0 R			8.9	87.5	bot sh[illegible]	
100.0 R			4.7	91.7	slope	
14.6 L			11.0	85.4	edge Rd	
21.2 L			13.2	83.2	bot brk	
50.0 L			14.2	82.2	slope	
100.0 L			17.3	79.1	slope	
135+50			8.73	87.69	℄ N+T	
13.4 R			8.2	88.2	edge Rd	
18.2 R			8.2	88.2	bot brk	
50.0 R			5.6	90.8	slope	
100.0 R			0.3	96.1	"	
14.2 L			9.2	87.2	edge Rd	
21.4 L			10.2	86.2	bot brk	
50.0 L			11.3	85.1	slope	
100.0 L			14.9	81.5	"	
136+00			5.52	90.90	℄ N+T	
13.2 R			4.8	91.6	edge Rd	
17.0 R			4.2	3292.2	Top brk	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 0900 69 Division No. ____ F. B. 1847 Pg. 198
X-Sec. No. ____ Date 11/12/54 Date ____ Survey of [illegible] Date ____
Notes Chkd. ____ Checked ____ Survey by R. Willey Notes RLW Date 9-54
Date ____ Date ____ Map No. ____ Endorsed Johnson Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
136+00						
50° R		3296.42	1.5	3294.9	slope	
100° R			+3 4	3299.8	"	
15 3 L			5 8	90.6	edge Rd	
21 7 L			6 4	90.0	bot brk	
50° L			7 9	88.5	slope	
120° L			13 3	83.1	"	
136+50			1.70	94.72	℄	
13° R			0.9	95.5	edge Rd	
16 8 R			0 0	96.4	Top brk	
50° R			+3.2	3399.6		
100° R			+4 0	3300.4		
14° L			2 2	3294 2	edge Rd	
19 5 L			2 1	94 3 8	Top brk	
26 2 L			3 2	93 2	bot "	
51° L			4 6	91 8	slope	
92° L			7 9	88.5	slope	
100° L			8 6	87 8	"	
T.P.	11 30	3307.43	0 29	3296.13		
137+00			9 03	3299 40	℄ N&T	
12 6 R			8 3	99.1	bot cut	
187			6 6	3300 8	To "	

F. B. 1847 PG. 200 Job No. 09046 Division No. Notes Red. JRF Plotted Date 11/12/54 Date No. Profile
Survey of Pine Cen Rd Notes Chkd. Checked Date No. X-Sec.
Survey by R.L. Willey Notes R.P.W. Date
Indexed R. O. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
137+00						
48.8 R		3307.43	4.4	3303.0	slope	
97.5 R			1.0	06.4	"	
14° L			9.8	3297.6	edge Rd	
20° L			9.5	97.9	Top cut	
27° L			10.7	96.7	bot brk	
50° L			12.2	95.2	slope	
100° L			16.0	91.4	"	
137+50			5.64	01.79	℄ N+T	
12° R			4.9	02.5	bot cut edge Rd	
16.4 R			3.2	04.2	Top "	
50° R			+0.2	07.6	Slope	
100° R			+3.5	3310.9	"	
15.5 L			6.5	00.9	edge Rd	
16.5 L			5.4	02.0	Top brk	
26.5 L			7.0	00.4	bot "	
50° L			8.2	3299.2	slope	
100° L			12.8	3294.6	Slope	
138+00			2.72	3304.71	℄ N+T	
12° R			2.0	05.4	edge Rd bot cut	
18° R			0.0	07.4	Top cut	
50° R			+2.9	10.3	slope	

Profile Notes Red. ____ Plotted ____ Job No. 2904-3 Division No. ____ F. B. 1847 Pg. 201
No. ____ Date ____ Date ____ Survey of Line Cir Rd
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L.Miller Notes R.R.W. Date 9-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
138+00						
100° R		3307.43	+7.5	3314.9		
13° L			2.9	04.5	edge Rd	
16.5 L			2.4	05.0	Top brk	
28° L			4.2	03.2	bot "	
50° L			5.4	3302.0	Slope	
100° L			10.1	3297.3	"	
138+50			0.16	3307.27	℄ N&T	
12.6 R			+0.6	08.0	edge Rd bot brk	
16.3 R			+2.2	09.6	Top brk	
50° R			+6.0	13.4	Slope	
100° R			+10.6	14.0	"	
14.5 L			0.4	07.0	edge Rd bot cut	
17° L			+0.2	07.6	Top "	
29° L			1.9	05.5	bot "	
50° L			3.9	03.5	~~Slope~~ Top brk	
57° L			5.4	02.0	bot brk	
81° L			6.0	01.4	Top "	
100° L			7.4	3300.5	Slope	
T.P.	11.09	3317.92	0.60	3306.83		
139+00			8.67	09.25	℄	
13.6 R			7.8	10.1	edge Rd	

F. B. 1847 PG. 202 Job No. 090460 Division No. Notes Red. JRE Plotted No. Pro
Survey of Pine Cr. Rd Date 11/12/54 Date X-Sec.
Survey by R. L. Willey Notes R. L. Willey Notes Chkd. Checked No.
Indexed K. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
139+00						
18° R		3317.92	5 5	3312.4	Top cut /	
50° R			2 7	15.2	slope	
100° R			+1.9	19.8	"	
14.7 L			9 0	08.9	edge Rd	
18° L			8 1	09 8	Top brk	
26.7 L			10 2	07.7	bot "	
50° L			12 7	05.2	slope	
100° L			17.3	3300.6	"	
139+50			7.17	10.75	℄ N+T	
12.5 R			6.5	11.4	edge Rd bot cut	
17° R			3 3	14.6	Top "	
50° R			+0.3	18.2	slope	
100° R			+4.6	22.5	"	
13.3 L			7.1	10.8	edge Rd	
17.8 L			6.4	11.5	Top brk	
27.5 L			8.3	09 6	bot brk	
5[illegible] L			10.3	07.6		
100° L			16.3	01.6		
140+00			5 98	11.94	℄ N+T	
12.6 R			5 5	12 4	edge Rd	
17.1 R			3 4	14.5	Top brk	

Profile Notes Red. JRF Plotted Job No. [illegible] Division No. F. B. 1847 Pg. 203
No. Date 11/12/54 Date Survey of Pine Cr Rd
X-Sec. Notes Chkd. Checked Survey by R L Wilkes Notes R L W Date 9-54
No. Date Date Map No. Indexed S. Johnson Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
140+00						
51° R		3317.92	0.5	3317.4	slope	
100° R			+6.0	23.9	"	
13° L			6.2	11.7	edge Rd	
17.5 L			5.8	12.1	Top brk	
26° L			7.3	10.6	bot "	
51° L			10.0	07.9	slope	
100° L			15.7	02.2	"	
140+50			5.56	12.36	℄ N+T	
12.5 R			5.0	12.9	edge Rd	
16.2 R			3.8	14.1	Top cut	
44° R			0.7	17.2	slope	
88.2 R			+4.8	22.7	Top brk	
112° R			+5.3	23.2	bot "	
14° L			6.0	11.9	edge, Rd.	
20° L			7.6	10.3	bot. brk	
50° L			10.6	07.3	slope	
100° L			14.3	03.6	slope	
141+00			5.38	12.54		
13° R			4.8	13.1	edge Rd	
21° R			1.7	16.2	Top brk	
50° R			+1.6	19.5	slope	

F. B. 1847 Pg. 204 Job No. 090466 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr. Rd Date 11/12/54 Date No.
Survey by R.L. Willey Notes R.L.W. 9-54 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
141+00						
85° R		3317.92	+5.3	3324.2	slope	
14.5 L			5 4	12.5	edge Rd	
15.5 L			5 2	12.7	Top brk	
19.5 L			6 2	11 7	bot "	
50° L			9.6	08.3	Slope	
100° L			14.6	03.3	slope	
141+50			5.41	12.51	℄ N&T	
13° R			5.0	12.9	bot cut edge Rd	
20° R			3 5	14.4	Top cut	
50° R			0 3	17.6	slope	
102° R			+5 6	23.5	slope	
14° L			5.7	12.4	edge Rd	
23.5 L			7 5	10.2	bot brk	
50° L			10.3	07.6	slope	
100° L			15 8	02.1	Slope	
142+00			5 23	12.69	℄ N&T	
14° R			4 6	13.3	edge Rd Toe slope	
50° R			0 9	17.0	slope	
95° R			+5.0	22.9	Slope	
12.5 L			5.3	12.6	edge Rd	
14.4 L			4 6	3313.3	TOP brk	

Profile Notes Red JRF Plotted Job No. 09956 Division No.
Date 11/12/54 Date Survey of Pine Cr Rd
X-Sec. Notes Chkd. Checked Survey by R.L. Willey Notes R.L.W. Date
No. Date Date Map No. Indexed Johnson Date

F. B. 1847 Pg. 205

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STATION	B. S.	H. I.	F. S.	ELEV.		
142+00						
22.5 L		3317.92	9 2	3308 7	bot brk	
50.0 L			12 2	05 7	Slope	
100.0 L			17 1	3300.8	"	
142+50			4.29	13.63	℄ N+T	
12.7 R			4 0	13.9	edge Rd	
50.0 R			+2.8	20.7	bot brk	
100.0 R			+19.0	36.9	S.H.	
13.0 L			4.2	13.7	edge Rd	
14.5 L			3 3	14.6	Top fill	
28.5 L			9.9	08.0	bot fill.	
50.0 L			12.3	05.6	bot draw Toe slope	
79.0 L			15.1	02.8	SH	
100.0 L			13.4	04.5	SH	
BMPC8	9 02	3327.25	0 33	3317.63	BMPC8 El = 3317.627 per peg book	
143+00			11 58	15 67	℄	
11.8 R			11 5	15 8	edge Rd bot cut	
19.0 R			7 8	19 5	Top cut	
45.0 R			1 7	2 15 6	S.H.	
76.0 R			+8 0	35 3	"	
101.0 R			+17.6	44 9	"	
12.0 L			11 8	3315 5	edge Rd	

F. B. 1847 Pg. 206 Job No. 09 09 65 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr Rd Date 11/12/54 Date X-Sec.
Survey by R. L. Willey Notes R.L.W. Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date Date No.

307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
143+00						
13.6 L		3327.25	10 4	3316 9	Top brk	
~~15.0~~			~~12.0~~	—	~~Top~~	
27.0 L			16.7	10 6	bot fill	
41.5 L			20.2	07 1	bot brk	
72.0 L			22 8	04 5	bot ~~swale~~ drain	
83.0 L			21.5	05 8	Toe slope	
143+50			8 43	188 2	℄ SPK&T	
16.0 R			8 2	19 1	edge Rd	
17.0 R			5 8	21 5	Top cut	
21.5 R			3.4	23 9	" "	
41.0 R			+0.8	28 1	bot brk	
50.0 R			+4.3	31 6	Top "	
86.0 R			+17.0	44 3	bot brk	
99.0 R			+22.0	49 3	SH	
11.0 L			8.7	18 6	edge Rd	
13.5 L			7.4	19 9	Top brk	
22.7 L			12.5	14 8	Bot "	
32.5 L			14.1	13 2	Top "	
60.0 L			19 1	08 2	" "	
64.0 L			22 8	04 5	bot ~~swale~~ drain	(20.0 WLY +1.2 bot b[illegible] drain 23.0 " +6.6 Top [illegible]
70.0 L			23 1	3304 2	" "	

Profile Notes Red JEE Plotted Job No. 690460 Division No. F. B. 1847 Pg. 207
No. Date 11/12/54 Date Survey of Pine Cn Rd
X-Sec. Notes Chkd. Checked Survey by P.L. Willey Notes R.L.W. Date 9-54
No. Date Date Map No. Mud Ed Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
143+50						
72° L		3327,25	19,1	3308 2	Top brk	
82° L			15,2	12 1	" "	
144+00			4,03	23 22	℄	
16° R			4,0	23 3	edge Rd	
19° R			+0,9	28 2	Top cut	
33° R			+3,4	30 7	bot brk	
63° R			+12,0	39 3	S H	
75° R			+15,7	43 0	S H	
10 5 L			4,3	23 0	edge Rd	
13° L			3,0	24 3	Top brk	
22 5 L			5,8	21 5	bot brk	
42 5 L			8 2	19 1	" "	
75° L			10 2	17 1	bot drain	
T.P.	11 62	3338,53	0 34	3326.91		
144+50			10,75	27 78	℄ N&T	
15° R			10 7	27 8	edge Rd	
20° R			6,2	32 3	Top cut	
41° R			2,5	36 0	Toe slope	
75° R			+4,6	43 1	S.H.	
12° L			11,2	27 3	edge Rd	
15 5 L			9,8	3328 7	Top brk	

F. B. 1847 Pg. 208 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr. Rd. Date 11/12/50 Date No. X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed C. Johnson Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
144+50 21° L		3338.53	11.0	3327.5	bot brk	
50° L			14.0	24.5	slope	
78° L			16.5	22.0	swale	
145+00			7.04	31.49	℄ N&T	
14° R			7.2	31.3	edge Rd	
16° R			4.0	34.5	Top cut	
21° R			2.0	36.5	Top brk	
41° R			+0.2	38.7	bot brk	
82° R			+6.2	44.7	SH	
12° L			7.7	30.8	edge Rd	
15.8 L			6.7	31.8	Top brk	
21.6 L			7.8	30.7	~~bot~~ " slope	
48° L			10.8	27.7	bot "	
70° L			13.7	24.8	" brk	
84° L			13.7	24.8	bot swale	
145+50			5.1	33.4	℄ spk&T	
12° R			5.2	33.3	edge Rd	
15° R			2.3	36.2	Top cut	
21° R			0.0	38.5	T brk	
55° R			+4.5	43.0	slope	
76° R			+7.2	3345.7	slope	

Profile Notes Red JEE Plotted Job No. 090460 Division No.
No. Date 11/12/54 Date Survey of Pine Cn. Rd.
X-Sec. Notes Chkd. Checked Survey by R.L. Willey Notes R.L.W. Date 9-54
No. Date Date Map No. Date

F. B. 1847 Pg. 2 of 9

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
145+50						
11.6 L		3338.53	5.3	3333.2	edge Rd	
19.5 L			5.6	32.9	Top brk	
25.0 L			6.6	31.9	bot "	
62.0 L			11.0	27.5	bot "	
81.0 L			12.5	26.0	swale	
146+00			3.96	34.57	℄ spk+T	
12.3 R			3.7	34.8	edge Rd	
15.7 R			1.1	37.4	Top cut	
19.0 R			0.0	38.5	" brk	
45.0 R			+3.3	41.8	Slope	
78.0 R			+7.7	46.2	"	
11.0 L			4.2	34.3	edge Rd	
16.0 L			4.4	34.1	Top brk	
20.2 L			5.4	33.1	bot "	
44.0 L			8.0	30.5	slope	
80.0 L			11.4	27.1	"	
146+50			3.82	34.71	℄ spk+T	
12.0 R			3.3	35.2	edge Rd	
13.3 R			2.8	35.7	Top cut	
44.0 R			+1.0	39.5	slope	
78.0 R			+5.6	3344.1	"	

F. B. 1847 Pg. 210 Job No. 090460 Division No. Notes Red. JRE Plotted Date 11/12/54 No. Profile
Survey of Pine Ch. Rd. Date X-Sec.
Survey by R.H. Willey Notes R.H.W. Notes Chkd. Checked
Indexed C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
146+50						
11° L		3338.53	4.3	3334.2	edge Rd	
15° L			4.5	34.0	Top brk	
22° L			6.1	32.4	bot "	
53° L			8.5	30.0	brk in Slope	
81° L			10.5	28.0	Slope	
147+00	*		3.36	35.17	℄ N+T	
12° R			2.8	35.7	edge Rd	
14° R			2.2	36.3	Top brk	
17° R			2.8	35.7	bot brk	
44° R			0.6	37.9	slope	
77° R			+4.2	42.7	"	
12° L			3.8	32.7	edge Rd	
16.5 L			4.2	34.3	top brk	
21° L			5.2	33.3	bot "	
45° L			7.2	31.3	" "	
79° L			9.1	29.4	slope	
147+50			1.60	36.93	℄ Spk+T	
13° R			1.3	37.2	edge Rd	
14.7 R			0.5	38.0	Top brk	
43° R			+0.8	39.3	Slope	
76° R			+4.1	3342.6	"	

Profile Notes Red. JRE Plotted ____ Job No. 090460 Division No. ____ F. B. 1847 Pg. 211
No. ____ Date 11/12/54 Date ____ Survey of Pine Cir. Rd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date 9-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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F. B. 1847 PG. 212 | Job No. 090460 | Division No. | Notes Red. JRE | Plotted | No. | Profile

Survey of Pine St. Rd. P.L.W. | Date 11/12/54 | Date | No. | X-Sec.

Survey by R.L. Willey | Notes | Notes Chkd. | Checked

Indexed H. C. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
147+50						
10 L		3338.53	2.1	3336.4	edge Rd.	
14 L			1.6	369	Top brk	
19 L			3.2	353	bot "	
48 L			4.9	336	slope	
79 L			6.7	318	"	
T.P.	11.39	3349.63	9.30	3338.23		
148+00			10.45	3914	℄ spkt	
14 R			10.0	396	edge Rd	
16 R			8.9	407	Top brk	
45 R			6.3	433	slope	
77 R			3.5	461	"	
10 L			10.8	388	edge Rd	
15 L			10.6	390	Top brk	
22 L			11.8	378	bot "	
48 L			13.8	358	slope	
76 L			15.7	339	"	
T.P.	11.91	3352.37	9.13	3340.16		
148+50	—		10.78	4139	℄ N+T	
13 R			10.3	421	edge Rd	
16 R			9.4	430	Top brk	
45 R			6.0	3349	slope	

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STATION	B. S.	H. I.	F. S.	ELEV.		
148+50		40.				
77.0 R		3352 ~~37~~	4.0	3348 4	Slope	
8.1 L			11.0	41 4	edge Rd	
150 L			11.0	41 4	Top brk	
21.0 L			12.1	40 3	bot brk	
47.0 L			14.1	38 3	Slope	
77.0 L			15.6	36 8	"	
149+00			8.03	44 3~~4~~ 7	℄ Rd N+T	
13.2 R			7.4	45 0	edge Rd	
15.4 R			6.5	45 9	Top brk	
23.0 R			5.5	46 9	Top brk	
45.0 R			4.0	48 4	Slope	
77.0 R			1.1	51 3	"	
9.0 L			8.4	44 0	edge Rd	
16.0 L			8.1	44 3	Top brk	
21.2 L			9.0	43 4	bot brk	
45.0 L			10.4	42 0	slope	
77.0 L			12.7	39 7	"	
149+50			5 04	47 3~~2~~ 6	℄ N+T	
12.5 R			4.4	48 0	edge Rd	
15.5 R			3.5	48 9	Top brk	
45.0 R			1.4	3351 0	Slope	

Profile Notes Red JEF Plotted Job No. 090460 Division No.
No. Date 11/16/54 Date Survey of Pine Cir. Rd
X-Sec. Notes Chkd. Checked Survey by R.L. Willey Notes R.L.W. Date 9-54
No. Date Date Map No. Indexed C. Johnson Date

F. B. 1847 Pg. 213

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STATION	B. S.	H. I.	F. S.	ELEV.		
149+50						
77° R		3352~~37~~ 40	+2.1	54.5	Slope	
9.3 L			5.5	46.9	edge Rd	
17° L			5.3	47.1	Top brk	
23.5 L			6.2	46.2	bot brk	
45° L			7.4	45.0	Slope	
77° L			9.1	43.3	"	
150+00			1.98	50~~39~~ 42	℄ N&T	
13.5 R			1.3	51.1	edge Rd	
15.5 R			0.4	52.0	Top brk	
46° R			+1.6	54.0	Slope	
77° R			+3.8	56.2	"	
9° L			2.3	50.1	edge Rd	
16.5 L			2.0	50.4	Top brk	
20.5 L			2.7	49.7	bot brk	
45° L			4.3	48.1	Slope	
77° L			6.4	46.0	Slope	
T.P.	11.37	3363.~~44~~ 7	0.30	3352.~~37~~ 10		
150+50			9.88	53.5~~6~~ 9	℄ N&T	
13° R			9.5	53.~~9~~ 40	edge Rd	
14.7 R			8.6	54.~~8~~ 9	Top cut	
45° R			6.6	3356.~~8~~ 9	Slope	

F. B. 1847 PG. 214 Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr. Rd. Date 11/12/50 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
150+50						
76° R		3363 ~~44~~ 7	5.1	3358 ~~3~~ 4	Slope	
9.5 L			10.3	53 ~~1~~ 2	edge Rd	
15.5 L			10.2	53 ~~2~~ 3	Top brk	
22.5 L			11.0	52 ~~4~~ 5	bot brk	
46° L			12.4	51 ~~0~~ 1	Slope	
77° L			14.0	49 ~~4~~ 5	Slope	
151+00			6.72	56 ~~2~~ 5	℄ N+T	
14° R			6.3	57 ~~1~~ 2	edge Rd	
16° R			5.5	57 ~~9~~ 8	Top brk	
45° R			3.9	59 ~~5~~ 6	Slope	
77° R			2.0	61 ~~4~~ 5	Slope	
10.2 L			7.2	56 ~~2~~ 3	edge Rd	
16° L			6.8	56 ~~6~~ 7	Top brk	
20.5 L			9.1	54 ~~3~~ 4	bot bk	(12.5 Wly +07 bot brk) (18.5 Wly + [illegible] rk
63° L			9.9	53 ~~8~~ 6	Top brk	
68° L			11.1	52 ~~3~~ 4	bot "	
80° L			12.0	51 ~~4~~ 5	Slope	
151+50	—		3.72	59 ~~2~~ 5	℄ N+T	
13.2 R			3.0	60 ~~4~~ 5	edge Rd	
15° R			2.2	61 ~~2~~ 3	top cut	
70° R			1.3	3362 ~~1~~ 2	" "	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 090460 Division No. ____ F. B. 1847 Pg. 215
Date 11/12/54 Date ____ Survey of Pine Cir Rd
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by P.J.Willey Notes P.J.W. Date 9-54
Date ____ Date ____ Map No. ____ Indexed E. Johnson Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
151+50						
45° R		3363.47	0.8	3362.7		
77° R			+0.6	64.1		
9° L			3.9	59.6	edge Rd	
20° L			3.7	59.8	Top brk	
21° L			5.8	57.7	bot " (2° Wly + 3° Top cut	
45° L			6.2	57.3	flat	
78° L			7.5	56.0	"	
T.P.	9.07	3371.61	0.93	3362.54		
152+00			9.07	62.54	℄ N+T	
12.5 R			8.6	63.0	edge Rd	
14.5 R			7.5	64.1	Top brk	
20° R			6.2	65.4	" "	
74° R			3.3	68.3	slope	
9° L			9.2	62.4	edge Rd	
45° L			11.7	59.9	slope	
77° L			14.5	57.1	"	
152+50	–		7.00	64.61	℄ N+T	
11° R			6.6	65.0	edge Rd	
20° R			4.5	67.1	Top brk	
73° R			0.0	71.6	slope	
9° L			7.3	3364.3	edge Rd	

F. B. 1847 Pg. 216
Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Ck. Rd. Date 11/12/54 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
152+50						
45° L		3371.~~58~~ 61	10.4	3361 2	Slope	
77° L			13.0	58 6	"	
153+00			5.17	664 4	℄ N+T	
12.5 R			4.7	66 9	edge Rd	
20° R			3.0	68 6	Top brk	
73° R			+1.7	73 3	slope	
10.5 L			5.9	65 7	edge Rd	
45° L			8.8	62 8	slope	
77° L			11 2	60 4	slope	
153+50			3.52	68 0~~6~~ 9	℄ N+T	
13° R			3 1	68 5	edge Rd	
20° R			3 5	68 1	Top brk	
73° R			+2 0	73 6	slope	
10° L			4 1	67 5	edge Rd	
12° L			3 9	67 7	Top brk	
16.5 L			4.9	66 7	bot "	
45° L			6.9	64 7	Slope	
77° L			9.8	61 8	Slope	
154+00			2.33	69 2~~5~~ 8	℄ N+T	
12.5 R			1.9	69 7	edge Rd	
19.5 R			0.2	3371 4	Top brk	

Profile No. X-Sec. No.
Notes Red. JRE Date 11/16/54 Notes Chkd. Date
Plotted Date Checked Date
Job No. 090460 Division No. Survey of Pine Cn. Rd. Survey by R.L. Willey Notes R.L.W. Date 9-54 Map No. Indexed Johnson Date
F. B. 1897 Pg. 217

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STATION	B. S.	H. I.	F. S.	ELEV.		
154+00						
45° R		3371.~~58~~ 61	+2.3	3373 9	Slope	
77° R			~~+4.9~~	76 5	"	
12° L			2.8	68 8	edge Rd	
19° L			2 9	68 7	Top brk	
20° L			3 9	67 7	bot brk	
45° L			4 7	66 9	Slope	
77° L			8 1	63 5	Slope	
154+50			1.05	70 5~~8~~ 6	℄ N&T	
14° R			0.5	71 1	edge Rd	
21° R			+0.7	72 3	Top brk	
42° R			+2.3	73 9	brk in slope	
77° R			+5.4	77 0	Slope	
10° L			1.2	70 4	edge Rd	
30° L			3.8	67 8	bot brk	
64° L			6.3	65 3	Slope	
T.P.	12 11	3382.~~77~~ 80	0.92	3370.~~66~~ 69		
155+00			10.18	72 ~~59~~ 69	℄ N&T	
14° R			9.6	73 2	edge Rd.	
16° R			9.2	73 6	Top brk	
75° R			4 1	78 7	slope	
8° L			10 7	3372 1	edge Rd	

F. B. 1847 PG 218 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Ck. Rd. Date 11/12/50 Date No.
Survey by R.H. Willey Notes R.H.W. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
155+00						
9° L		3382 ~~3~~ 80	10.5	3372 3	Top brk	
42° L			13.9	68 9	slope	
63° L			15.2	67 6	slope	
155+35°			8 4	74 4	℄	
30° L			11°	71 8	Toe slope	
70°			14 6	68 2	" " (5° Wly +2°	
155+50	-		7.82	749 8	℄ N+T	
13° R			7.3	75 5	edge Rd	
16° R			6.1	76 7	Top cut	
45° R			4.8	78 0	slope	
77° R			2.4	80 4	slope	
9° L			8 3	74 5	edge Rd	
14° L			6.5	76 3	Top brk	
41° L			7.1	75 7	" "	
78° L			12.1	70 7	S.H.	
156+00	-		6 36	764 4	℄ N+T	
13° R			5 9	76 9	edge Rd bot cut	
16° R			3.6	79 2	Top cut	
19 6 R			1.8	81 0	Top "	
45°			1.3	81 5	flat	
76°			0.0	3382 8	"	

Profile No. X-Sec. No. Notes Red. IRE Date 11/12/54 Plotted Date Checked Date Job No. 90460 Division No. Survey of Pine Ch. Rd. Survey by Rib. Willey Notes R.L.W. Date 9-54 Map No. Date Date Date

F. B. 1847 Pg. 214

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STATION	B. S.	H. I.	F. S.	ELEV.		
156+00						
8° L		3382.~~77~~ 80	6.6	3376 2	edge Rd bot brk	
17° L			2 8	80 0	Top brk	
40° L			3 5	79 3	flat	
87° L			6.1	76 7	Slope	
156+50	–		6 25	76 5 ~~2~~	℄ N+T	
13° R			6.0	76 8	edge Rd bot cut	
15° R			5 0	77 8	Top cut	
18.5 R			4.3	78 5	" brk	
45° R			3 0	79 8	Slope	
77° R			1 0	81 8	"	
10.5 L			6.6	76 2	edge Rd bot cut	
12.5 L			5.9	76 9	Top cut	
43° L			5.5	77 3	flat	
71° L			5.7	77 1	bot brk	
157+00	–		7.35	75 4 ~~2~~	℄ N+T	
14° R			7 0	75 8	edge Rd	
19° R			5 8	77 0	Top brk	
45° R			4 4	78 4	brk in slope	
77° R			1.8	81 0	slope	
10.5 L			7 7	75 1	edge Rd	
55° L			9.6	3373 2	bot brk	

F. B. 1847 PG. 220 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr. Rd. Date 11/12/54 Date No.
Survey by R.H. Willey Notes R.H.W. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
157+00						
80.0 L		3382.~~77~~ 80	8 2	3374 6		
157+50			8 99	73 ~~78~~ 81	℄ N+T	
13.5 R			8 4	74 4	edge Rd	
18.0 R			7 4	75 4	Top brk	
44.0 R			5.9	76 9	Slope	
77.0 R			3.3	79 5	slope	
12.0 L			9.7	73 1	edge Rd	
64.0 L			12.3	70 5	bot brk	
84.0 L			12 1	70 7	SH.	
T.P.	0.80	3375.~~89~~ 92	7.68	3375.~~09~~ 12		
158+00			3 74	72 1~~3~~ 8	℄ N+T	
13.0 R			3 0	72 9	edge Rd	
19.8 R			1 7	74 2	Top brk	
43.0 R			0.0	75 9	slope	
80.0 R			+2.8	78 7	"	
14.8 L			4.6	71 3	edge Rd	
49.0 L			6.8	69 1	slope	
90.0 L			8.0	67 9	"	
158+50			5 44	70 4~~3~~ 8	℄	
16.0 R			4 8	71 1	edge Rd	
22.5			3 5	3372 4	Top brk	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 90460 Division No. ____ F. B. 1847 Pg. 221
Date 11/12/54 Date ____ Survey of Pine Cr. Rd.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Wiley Notes R.L.W. Date 9-54
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
158+50						
46° R		3375 ~~89~~ 92	0.0	3375 9	slope	
78° R			+0.8	76 7	"	
16° L			6.0	69 9	edge Rd	
45° L			7.9	68 0	slope	
82° L			10.0	65 9	slope	
159+00			7.10	68 ~~9~~ 82	℄ N&T	
15° R			6.5	69 4	edge Rd	
20.5 R			6.0	69 9	Top brk	
45° R			3.5	72 4	slope	
80° R			0.8	75 1	"	
15.5 L			7.9	68 0	edge Rd	
48.5 L			9.9	66 0	slope	
85° L			12.0	63 9	"	
159+50			8.41	67 ~~48~~ 56	℄ N&T	
16.5 R			7.7	68 2	edge Rd	
21° R			6.5	69 4	Top brk	
45° R			5.1	70 8	slope	
76° R			2.5	73 4	"	
13° L			9.1	66 8	edge Rd	
45° L			11 4	64 5	slope	
75° L			13 0	3362 9	"	

F. B. 1847 Pg. 222 Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr. Rd. Date 11/12/54 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date No.

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
160+00		3375 ~~89~~ 92	9,29	3366.6~~0~~ 3	℄ 1X1	
12° R			8,7	67 2	edge Rd	
32° R			6,8	69 1	Top brk	
50° R			5.5	70 4	slope	
76° R			3,7	72 2	slope	
16.5 L			10,3	65 6	edge road	
41° L			12,0	63 9	slope	
75° L			13,8	3362 1		
BM PC9	6 64	3372.12	10,43	USE ~~2.48~~ 49" 3365.~~46~~	BM # PC El = 3365,479	per. peg book,
160+50			6,92	65 20	℄ 1X1	
5.5 R			6,3	65 8	edge Tr. Rd	
35° R			4 1	68 0	Top brk	
76° R			0.5	71 6	slope	
6.2 L			7.0	65 1	edge Rd	
22° L			7.9	64 2	slope	
53° L			10,2	61 9	"	
78° L			11,6	60 5	"	
161+00			7,36	64 76	℄ 1X1	
22° R			5,3	66 8	top brk	
48° R			3,1	69 0	slope	
81° R			+0,2	3372 3	slope	

Note
The road ahead [illegible]
160+00 is a p[illegible]
dirt Rd 11'± [illegible]

Profile Notes Red. JPF Plotted Job No. 90460 Division No.
No. Date 11/12/54 Date Survey of Pine Ctr. Rd.
X-Sec. Notes Chkd. Checked Survey by R.L. Wiley Notes R.L.W. Date 9-54
No. Date Date Map No. Indexed Johnson Date

F. B. 1847 Pg. 223

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
161+00						
4° L		3372.12	7.7	3364.4	edge Pvt. Rd	
15° L			8.3	63.8	" " "	
45° L			10.6	61.5	slope	
75° L			12.5	59.6	"	
161+50			7.06	65.06	℄ 1X1	
23° R			5.0	67.1	brk	
45° R			3.1	69.0	slope	
76° R			0.0	72.1	"	
7° L			7.8	64.3	edge Pvt Rd	
18° L			8.2	63.9	" " "	
36° L			9.7	62.4	brk	
74° L			12.2	59.9	slope	
162+00			5.59	66.53		
21° R			3.4	69.7	brk	
45° R			1.7	70.4	slope	
74° R			+1.0	73.1	"	
7.2 L			6.6	65.5	edge Pvt Rd	
18° L			7.2	64.9	" " "	
41° L			9.2	62.9	slope	
75° L			11.7	60.4	"	
162+50			4.55	3367.57	℄ 1X1	

F. B. 1847 PG. 224 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Ctr. Rd. Date 11/12/54 Date No.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
162+50						
21° R		3372,12	2.3	3369 8	Brk	
45° R			0.0	72 1	Slope	
75° R			+3,0	75 1	"	
7.5 L			5,6	66 5	edge Prt Rd	
18.7 L			6,3	65 8	" " "	
45° L			9,1	63 0	Slope	
75° L			11,6	60 5	slope	
163+00			4,84	67 28	℄ 1X1	
20° R			2,7	69 4	brk	
44° R			0.5	71 6	slope	
76° R			+3,0	75 1	"	
11° L			6,0	66 1	edge Prt Rd	
20° L			6,4	65 7	" " "	
45° L			9.1	63 0	slope	
80° L			12,3	59 8	"	
163+50			4,16	67 96	℄ 1X1	
30° R			1,4	70 7	slope	
74° R			+3,2	75 3	slope	
7° L			5,1	67 0	edge Prt Rd	
19° L			6,1	66 0	" " "	
47° L			9 3	3362 8	Slope	

Profile No. ___ Date ___ Notes Red. JRE Date 11/12/54 Plotted ___ Job No. 090460 Division No. ___ Survey of Pine Cr. Rd. Survey by R.L. Willey Notes R.L.W. Date 9-54 Map No. ___ Indexed Johnson Date ___

X-Sec. No. ___ Date ___ Notes Chkd. ___ Date ___ Checked ___ Date ___

F. B. 1847 Pg. 225

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
163+50 80° L		3372.12	12.5	3359.6	Slope	
T.P.	6.39	3375.45	3.06	3369.06		
164+00	-		7.46	6799	℄ 1X1	
22.8 R			5.1	704	brk	
70.5 R			0.3	752	Slope	
82° R			+0.9	764	slope	
10.8 L			8.7	668	edge Pvt Rd	
21° L			9.4	661	" " "	
43° L			11.9	636	Slope	
75° L			14.7	608	"	
164+50	-		7.63	6782	℄ 1X1	
22.8 R			5.1	704	brk	
49° R			2.6	729	Slope	
75° R			0.0	755	"	
11° L			8.7	668	edge pvt Rd	
21° L			9.4	661	" " "	
40° L			11.5	640	Slope	
76.5 L			14.7	608	Slope	
165+00	-		7.69	6776	℄ 1X1	
16.5 R			6.0	695	Top brk	
56° R			2.1	3373.4	Slope	

F. B. 1847 PG. 226 Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr. Rd. Date 11/12/54 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
165+00						
77° R		337545	0 0	3375 5	slope	
9° L			8 6	66 9	N edge pvt Rd	
20° L			9,2	66 3	S " " "	
44° L			11 3	64 2	slope	
76° L			13,6	61 9	"	
165+50			7,60	67 85	℄	
21° R			5,5	70 0	brk	
55° R			2,2	73 3	slope	
76° R			0,0	75 5		
9° L			8,5	67 0	edge pvt Rd	
20.5 L			9 4	66 1	sedg " "	
45° L			11,6	63 9	slope	
75° L			13,9	61 6	"	
166+00			8 08	67 37	℄ 1X1	
21° R			5,8	69 7	brk	
48° R			3,1	72 4	slope	
74° R			0,7	74 8	"	
9.5 L			8,8	66 7	edge Pvt Rd	
21° L			9,5	66 0	" " "	
42° L			11,4	64 1	slope	
75° L			13,5	3362 0	"	

Profile No. ____ Notes Red. JRF Date 11/12/54 Plotted ____ Date ____ Job No. 090460 Division No. ____ Survey of Pine Cr. Res. Survey by R.L. Willey Notes R.L.W. Date 9-54 Map No. ____ Indexed E. Johnson Date ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

F. B. 1847 Pg. 227

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
166+50		3375.45	6.67	3368.78	℄ 1X1	
23.5 R			4.6	70.9	brk	
49.0 R			2.7	72.8	Slope	
81.0 R			0.0	75.5	"	
10.0 L			7.5	68.0	edge pvt Rd	
21.8 L			8.5	67.0	" " "	
50.2 L			11.1	64.4	Slope	
79.5 L			12.8	62.7	"	
167+00	–		5.40	70.05	℄ 1X1	
25.5 R			3.4	72.1	Slope	
48.0 R			1.8	73.7	"	
75.0 R			+0.3	75.8	"	
9.5 R			6.2	69.3	edge pvt Rd	
19.5 R			6.9	68.6	" " "	
45.5 R			9.0	66.5	Slope	
74.0 R			12.0	63.5	"	
T.P.	10.48	3381.71	4.22	3371.23		
167+50	–		10.48	71.23	℄	
40.0 R			7.2	74.5	~~brk~~ Slope	
75.0 R			4.4	77.3	Slope	
9.5 L			11.4	3370.3	edge Rd	

F. B. 1847 PG. 228 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Ch. Rd. Date 11/12/54 Date No.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
167+50						
21.5 L		3381.71	12.1	3369.6	edge pvt Rd	
42° L			14.2	67.5	slope	
75° L			17.2	64.5	"	
168+00	-		10.55	71.16	℄ 1X1	
38° R			7.6	74.1	slope	
76° R			4.3	77.4	"	
11.8 L			11.5	70.2	edge pvt Rd	
22.0 L			12.0	69.7	" " "	
42° L			13.7	68.0	slope	
76° L			16.4	65.3	"	
168+50	-		10.27	71.44	℄ 1X1	
41° R			6.8	74.9	slope	
79° R			3.0	78.7	"	
13° L			11.6	70.1	edge pvt Rd	
23° L			12.3	69.4	" " "	
46.5 L			14.6	67.1	slope	
81° L			17.4	64.3	"	
169+00	-		9.70	72.01	℄ 1X1	
45° R			5.9	75.8	slope	
87.5 R			2.0	79.7	"	
12° L			10.5	71.2	edge pvt Rd	

Profile No. ____ Notes Red. JRE Plotted ____ Job No. 0904.60 Division No. ____ F. B. 1847 Pg. 229
X-Sec. No. ____ Date 11/11/54 Date ____ Survey of Line Co. No. ____
Notes Chkd. ____ Checked ____ Survey by P.L. Wiley Notes P.L.W. Date 9-54
Date ____ Date ____ Map No. ____ Ended Johnson Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
169+00						
24° L		3381.71	11,6	3370.1	sedge Pvt Rd	
50° L			14°	677	slope	
82° L			17.1	646	"	
169+50	–		9.85	7186	℄ 1x1	
44.5 R			5,7	760	slope	
83° R			2,5	792	"	
12° L			11°	707	edge pvt Rd	
23° L			11.8	699	" " "	
49.4 L			13,9	678	slope	
83.6 L			16,5	652	slope	
170+00	–		9.56	7215	℄ 1x1	
47° R			5,9	758	slope	
81° R			3,2	785	"	
12.6 L			10,7	7[illegible]	edge Pvt Rd	
24.4 L			11,6	701	" " "	
52.6 L			13,8	679	slope	
82.2 L			16,2	655	"	
170+50	–		9.75	7196	℄ 1x1	
40° R			6,9	748	slope	
76° R			4,1	776	"	
11° L			10 7	71[illegible]	edge Pvt Rd	

F. B. 1847 Pg. 230 Job No. 0904160 Division No. ____ Notes Red. JRF Plotted ____ Profile
Survey of Pine Cr Rd Date 11/12/54 Date ____ No. ____
Survey by R.L. Willey Notes RLW Notes Chkd ____ Checked ____ X-Sec.
Indexed R. C. Johnson Date ____ Date ____ No. ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
170+50						
22° L		3381.71	11.3	3370.4	edge prt Rd	
42° L			13.2	68.5	slope	
77° L			14.7	67.0	"	
171+00	-		9.39	72.32	℄ 1X1	
36° R			6.9	74.8	slope	
75° R			3.9	77.8	"	
12° L			10.3	71.4	edge prt Rd	
23° L			10.8	70.9	" " "	
54° L			12.4	69.3	slope	
77° L			13.8	67.9	"	
T.P.	717	3381.38	7.50	3374.21		
171+50	-		7.86	73.52	℄ 1X1	
38° R			5.6	75.8	slope	
79° R			2.6	78.8	"	
12° L			8.6	72.8	edge prt Rd	
22° L			9.1	72.3	" " "	
53° L			10.9	70.5	slope	
77° L			12.2	69.2	"	
172+00	-		6.87	7~~64~~ 51	℄ 1X1	
39° R			4.6	76.8	slope	
78° R			1.9	79.5	"	

Profile Notes Red. JRF Plotted _____ Job No. 0904.60 Division No. _____ F. B. 1847 Pg. 231
No. _____ Date 11/12/54 Date _____ Survey of [illegible] No. _____
X-Sec. Notes Chkd. _____ Checked _____ Survey by R.L. Willey Notes RLW Date 9-54
No. _____ Date _____ Date _____ Map No. _____ Indexed C. Johnson Date _____

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
172+00						
11.8 L		3381.38	7.6	3373.8	edge Pvt Rd	
22.9 L			8.1	73.3	" " "	
53.0 L			9.9	71.5	slope	
82.0 L			10.8	70.6	"	
172+50			6.22	75.16	℄ 1X1	
36.0 R			4.6	76.8	slope	
82.0 R			1.6	79.8	"	
11.8 L			6.8	74.6	edge Pvt Rd	
22.3 L			7.3	74.1	" " "	
62.0 L			9.0	72.4	slope	
88.0 L			10.1	71.3	"	
173+00			6.15	75.23	℄ 1X1	
40.0 R			4.3	77.1	slope	
74.0 R			2.0	79.4	"	
11.8 L			6.6	74.8	edge Pvt Rd	
22.4 L			7.1	74.3	" " "	
50.0 L			8.4	73.0	slope	
87.0 L			9.4	72.0	Bot swale Toe slope	
173+50			5.95	75.43	℄ 1X1	
42.0 R			3.5	77.9	slope	
87.0 R			0.3	81.1	"	

F. B. 1847 Pg. 232 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr. Rd. Date 11/12/54 Date No.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
173+50						
13° L		3381,38	6,0	3375 4	edge Pvt Rd	
22.5 L			6,2	75 2	" " "	
47.8 L			6.9	74 5	bot brk	
68.5 L	-		7.1	74 3	" " Toe slope	
91° L			5,1	76 3	slope	
174+00			3,37	78 01	℄ 1X1	
40.8 R			0,8	80 6	Toe slope	
83.2 R			+2,5	83 9	slope	
12.8 L			3,6	77 8	edge Pvt Rd	
23° L			3,8	77 6	" " "	
62.5 L			4 7	76 7	bot brk Toe slope	
96.5 L			0,6	80 8	slope	
T.P.	11,51	3392,58	0 31	3381,07		
174+50			11,51	81 07	℄ 1X1	
47° R			8,1	84 5	slope	
83° R			5.4	87 2	"	
13° L			12°	80 6	edge Pvt Rd	
23° L			12.3	80 3	" " "	
59° L			12,6	80 0	bot brk	
88° L			9,9	82 7	slope	
175+00	-		8 01	84.57	℄ 1X1	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 0904.60 Division No. ____ F. B. 1847 Pg. 233
Date 11/12/54 Date ____ Survey of Rine in Ba
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes RLW Date 9-5-54
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
175+00						
33.0 R		3392.58	5.6	3387.0		
76.2 R			2.7	89.9		
13.0 L			9.0	83.6	edge Pvt Rd	
25.5 L			9.0	83.6	" " "	
53.6 L			9.6	83.0	bot brk	
93.0 L			5.8	86.8	slope	
175+50			4.80	87.78	℄ 1X1	
38.5 R			2.4	90.2	slope	
80.0 R			+0.5	93.08	"	
13.5 L			5.4	87.2	edge Pvt Rd	
24.8 L			6.2	86.4	" " "	
53.0 L			6.6	86.0	bot brk	
77.0 L			4.9	87.7	slope	
176+00			1.81	90.77	℄ 1X1	
38.5 R			0.4	92.2	bot small drain	
51.0 R			+0.5	93.08	Top brk	
80.0 R			+2.7	95.28	slope	
14.2 L			2.4	90.2	edge Pvt Rd	
26.5 L			3.1	89.5	" " "	
48.5 L			3.3	89.3	bot brk Toe slope	
80.0 L			0.2	92.4	slope	

F. B. 1847 Pg. 234
Job No. 0904.60 Division No. ____ Notes Red. JRE Date 11/12/54 Plotted ____ Date ____ No. ____ Profile
Survey of Pine Cn Rd
Survey by R.L. Willey Notes R.L.W. Notes Chkd. ____ Checked ____ Date ____ No. ____ X-Sec.
Indexed R. C. Johnson Date ____

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		3392.58				
T.P.	11 34	3403.50	0.42	3392.16		
176+50			9.34	94 16	℄ 1X1	
24° R			7.9	95 6	slope	
52° R			6.6	96 9	"	
78 R			4.8	98 7	"	
14 L			10.2	93 3	edge Pvt Rd	
25.8 L			10.8	92 7	" " "	
48° L			10.9	92 6	bot brk	
75° L			8.4	95 1	Slope	
177+00			5.93	97 57	℄ 1X1	
19 R			4.4	99 1	small brk	
44° R			3.0	34005	slope	
80° R			1.0	34025	bot brk	
14 L			6.9	33966	edge pvt Rd	
26.9 L			7.5	96 0	" " "	
41° L			7.9	95 6	bot brk	
56° L			7.2	96 3	Toe slope	
80° L			3.7	99 8	slope	
177+50			3.40	3400.10	℄ 1X1	
18 R			2.0	34015	brk	

Profile No. ____ Notes Red. JRE Date 11/12/54 Plotted ____ Date ____ Job No. 0904.60 Division No. ____ F. B. 1847 Pg. 235

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Pine Cr Rd Survey by R.K. Willey Notes R.K.W. Date 9-54 Map No. ____ Indexed R. G. Johnson Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
46° R		3403.50	0.0	3403 50	slope	
78° R			+1.5	3405 00	"	
15.8 L			4.5	3399 0	edge Pvt Rd	
26° L			5.0	98 5	" "	
35° L			5.3	98 2	bot brk	
47.2 L			4.7	95 8	Toe slope	
74° L			0.0	3403 5	bot brk	
178+00 T.P.	964	3411.86	1.28	3402.22	℄ 1x1	
40° R			7.1	3404 8	slope	
75° R			4 0	07 9	"	
16.5 L			10 5	01 4	edge Pvt Rd	
26.5 L			10 7	01 2	" " "	
39° L			10 4	01 5	bot brk	
67° L			6 4	05 5	bot slope	
178+50			7.29	04 57	℄ 1x1	
53.2 R			4.2	07 7	Slope	
83° R			1.6	10 3	"	
16° L			8.2	03 7	edge Pvt Rd	
26° L			8.5	03 4	" " "	
41.8 L			7.4	04 5	bot brk	
65° L			3.8	08 1	Toe slope	

F. B. 1847 Pg. 236 Job No. 090460 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cn Rd. Date 11/12/54 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
178+50						
82.4 L		3411.86	+1.3	3413.2	S.H.	
179+00			5.90	05.96	℄ 1x1	
48.0 R			3.1	08.8	slope	
84.0 R			0.0	11.9	slope	
15.8 L			6.7	05.2	edge pvt Rd	
26.0 L			7.0	04.9	Toe slope	
60.0 L			3.0	08.9	Toe slope	
77.0 L			+2.7	14.6	S.H.	
179+50			4.89	06.97	℄ 1x1	
48.5 R			1.5	10.4	Slope	
88.5 R			0.6	11.3	"	
16.4 L			5.7	06.2	edge pvt Rd	
26.0 L			5.9	06.0	" " "	
47.0 L			4.3	07.6	bot brk	
68.0 L			0.2	11.7	Toe slope	
81.0 L			+4.3	16.2	SH.	
179+60 53 B.C.			4.68	07.18	℄ 3/4" IP	
180+00			4.42	07.44	℄ 1x1	
48.4 R			1.3	10.6	slope	
84.2 R			+2.3	14.2	"	
15.5 L			5.3	3406.6	edge Pvt Rd	

Profile Notes Red JRF Plotted Job No. 04468 Division No.
No. Date 11/16/54 Date Survey of Fine Cut Rd
X-Sec. Notes Chkd. Checked Survey by R.W. Notes R.W. Date
No. Date Date Map No. Indexed Johnson Date

F. B. 1847 Pg. 237

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STATION	B. S.	H. I.	F. S.	ELEV.		
180+00						
25.8 L		3411.86	56	3406.3	edge pvt Rd	
43.3 L			4.8	07.1	bot brk	
76.5 L			0.3	11.6	Toe slope	
180+50	+		4.33	07.53	℄ 1X1	
42.0 R			0.7	11.2	Slope	
73.5 R			+2.0	13.9	"	
14.0 L			5.3	06.6	edge pvt Rd	
25.0 L			5.5	06.4	" " "	
40.0 L			6.1	05.8	bot brk	
84.0 L			1.4	10.5	Slope	
181+00	+		3.40	08.46	℄ 1X1	
37.0 R			0.0	11.9	slope	
75.0 R			+3.3	15.2	Slope	
13.0 L			4.7	07.2	edge pvt Rd	
23.0 L			5.1	06.8	" " "	
54.5 L			7.0	04.9	bot brk	
86.0 L			4.7	07.2	Slope	
181+50 TP	806	3416.97	2.95	3408.91	℄ 1X1	
48.0 R			3.9	13.1	Slope	
78.0 R			0.7	16.3	Slope	
11.0 L			9.3	3407.7	edge pvt Rd	

F. B. 1847 PG. 238 Job No. 090460 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Cr Rd Date 11/12/54 Date No.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
181+50	+					
21° L		3416,97	97	3407,3	edge pvt Rd	
75° L			14.0	03,0	bot brk	
182+~~50~~ 00			7,50	09.47	℄ 1X1	
45° R			3,1	13,9	Slope	
77° R			0,0	17,0	"	
95 L			8,7	08,3	edge pvt Rd	
19° L			9 1	07,9	" " "	
51° L			12,4	04,6	Slope	
90° L			15,3	01,7	bot brk	
182+50	-		7 92	09,05	℄ 1X1	
41° R			3,6	13,4	Slope	
76 5 R			0 0	17 0	"	
8° L			9,2	07,8	edge pvt Rd	
18° L			9,5	07,5	" " "	
47° L			13,0	04,0	Slope	
80° L			16,1	00.9	"	
183+00	+		9,27	07.70	℄ 1X1	
43 6 R			4 8	12,2	Slope	
79° R			0 6	16,4	"	
4° L			10 2	06,8	edge pvt Rd	
15° L			10 7	3406,3	" " "	

Profile No. X-Sec. No.
Notes Red. JKE Date 11/12/54 Plotted Date
Notes Chkd. Date Checked Date
Job No. 090469 Division No.
Survey of Pine Survey by RLWilley Notes RLW Date 9-54
Map No. Plex C. Johnson Date
F. B. 1847 Pg. 239

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STATION	B. S.	H. I.	F. S.	ELEV.		
183+00						
51° L		3416.97	15.0	3402.0	slope	
83° L			18.2	3398.8	"	
183+50	+		11.10	3405.9	℄ 1X1 edge prt Rd	
42.4 R			5.3	11.7	S.H.	
76° R			+0.2	17.2	Toe slope	
74 L			11.6	05.4	edge Prt Rd	
44.5 L			16.0	01.0	slope	
80.5 L			20.0	3397.0	slope	
BM# P.C. 10	1.96	3415.02	3.90	3413.~~07~~ 06	BM# PC 10 El = 3413.060 per peg book	
184+00	+		9.71	05.31	℄ 1X1	
58 R			9.2	05.8	bot Cut edge prt Rd	
75 R			8.2	06.8	Top cut	
41.5 R			1.7	13.3	Side hill	
78.3 R			+6.0	21.~~6~~ 8	" "	
68 L			10.0	05.0	T brk edge prt Rd	
26.5 L			13.8	3401.2	bot brk	
57° L			17.0	3398.0	Slope	
86° L			21.8	93.2	"	
184+50	-		8.49	3406.53	℄ N+T	
44 R			7.8	07.2	Bot cut edge prt Rd	
6° R			6.4	8~~7~~.6	Top "	

F. B. 1847 PG. 240
Job No. 0904160 Division No.
Survey of Pine Ct Rd
Survey by R.L. Wiley Notes R.L.W.
Indexed R. C. Johnson Date
Notes Red. JRE Date 11/12/54 Plotted Date
Notes Chkd. Date Checked Date
Profile No. X-Sec. No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
184+50						
31° R		3415,02	0.0	3415 0	Slope	
65° R			+12,0	27 0	"	
77° R			+18 2	33 2	"	
7° L			8,6	3406 4	Top ~~brk~~ edge Pvt Rd	
47° L			16,2	3398 8	Side Hill	
93° L			23,1	3391 9	bot brk.	
185+00			6 29	3408 73	℄ N+T	
2° R			5 9	09 1	bot cut edge Pvt Rd	
3° R			4 5	10 5	Top "	
32° R			+5 3	20 3	S, H,	
80° R			+23,7	38 7	S H	
10° RL			7,1	07 9	Top brk edge Pvt Rd	
99° RL			16,6	3398 4	Slope	
82° RL			22,8	92 2	"	
185+22			4,4	3410 6	℄ bot ~~brk~~ cut	
185+50			0,17	1485	℄ Top cut 1x1	
32° R			+12,0	27 0	Side Hill	
64° R			+24,0	39 0	" "	
72° R			+28 5	43 5	Top brk	
85° R			+31,9	46 9	Top ridge	
15 L			1,8	13 2	bot cut	

Profile No. ____ Notes Red. JRF Plotted ____ Job No. 0904 Division No. ____ F. B. 1847 Pg. 241

X-Sec. No. ____ Date 11/12/54 Date ____ Survey of Pine Hill Rd.

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by R.L. Willey Notes R.L.W. Date 9-54

Map No. ____ Date ____ Indexed Johnson Date ____

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112

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STATION	B. S.	H. I.	F. S.	ELEV.		
185+50						
64 L		3415.02	2 3	12 7	edge Trav. Rd	
156 L			3 7	11 3	" " "	
22° L			4 1	10 9	Top brk	
41° L			12.9	02 1	bot brk	
89° L			24 0	3391 0	bot "	
T.P.	11.36	3425.65	0.73	3414.29		
186+00	-		4.76	[illegible] 39	℄ 1X1 on face of cut	
1° R			3.0	[illegible]	Top cut	
48° R			+9 0	[illegible]	Top ridge	
76° R			+13.0	[illegible]	Top brk. (19 5 Ely + 5° Top ridge)	
107° R			+9.6	[illegible]	S.H. (15° Ely + 8 4 Top brk to ridge	
4 5 L			10.7	[illegible]	bot cut	
11 5 L			12.8	[illegible]	edge Trav. Rd bot brk	
21 6 L			11.6	[illegible]	edge " "	
38° L			11.3	[illegible]	Top fill.	
68° L			24 0	[illegible]	side hill	
108 4 L			36.0	[illegible]	bot brk	
186+25°			11 4	[illegible]	℄	
2° R			10 6	[illegible]	bot Cut	
4 4 R			3.7	[illegible]	Top cut	
30° R			+1.4	[illegible]	Top ridge	

F. B. 1847 Pg. 242 Job No. 0904.60 Division No. Notes Red. JRE Date 11/12/54 Plotted Date No. Profile
Survey of Pine Cr. Rd. Notes Chkd. Checked Date No. X-Sec.
Survey by R.L. Willey Notes R.L.W. Date
Indexed C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
63° R		3425,65	+6,0	3431 6	Top brk into drain	17 2
7° L			12,7	12 9	edge Tr. Rd	13 5
41° L			12,7	12 9	Top fill	33 4
69° L			21,4	3404 2	Top brk	
105° L			33,4	3392 2	Toe slope	
T.P.	004	3413.88	11,81	3413,84		
186+50			1,74	12 14	℄ N&T.	
6,5 R			1,4	12 5	bot, brk	
16° R			+1,2	15 1	bot cut	
21° R			+3,6	17 4	Top "	
34° R			+5,4	19 3	Top small spur	
57° R			+5,4	19 3	Top brk into drain	
78° R			+2,0	15 9	bot drain	
106° R			+11,0	24 9	Top brk out of drain (7³ Ely - 5³ bo	
28° L			2,1	11 8	Top fill	
43° L			5,2	08 7	bot "	
59° L			7,9	06 0	Top brk	
66° L			11,5	3402 4	" "	
78° L			22 0	3391 9	bot brk	
187+00	—		6,95	3406 93	℄ N&T	
12° R			6,5	3407 4	edge Tr Rd	

Profile Notes Red JRF Plotted Job No. 09M-60 Division No.
No. Date 11/12/64 Date Survey of Fire Sta. No.
X-Sec. Notes Chkd. Checked Survey by R.L. Willey Notes R.L.W. Date 9-54
No. Date Date Map No. Indexed C. Johnson Date

F. B. 1847 Pg. 243

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STATION	B. S.	H. I.	F. S.	ELEV.		
187+00						
28° R		3413.88	7.8	34[illegible]1	bot drain	
40⁴ R			7.3	[illegible]6	bot brk	
47⁸ R			4.8	[illegible]1	" "	
49⁷ R			2.6	11.3	Top "	
87° R			+12°	25.9	Side [illegible]	
18° L			13.0	34[illegible]9	bot brk	
53⁸ L			17.9	33[illegible]0	slope	
92° L			23.8	33[illegible]1	slope	
T.P.	2.06	3305.69	10.25	340[illegible]		
187+50			1.48	[illegible]1	℄ N&T S edge Rd	
85 R			1.1	[illegible]6	bot cut N " "	
16° R			+3.2	[illegible]9	Top cut	
34⁵ R			+12.0	[illegible]	Top knoll	
62° R			+17.9	23.6	Top brk.	
100° R			+24.8	3[illegible]5	" "	
2° L			1.7	340[illegible]0	Top cut	
14⁸ L			6.3	33[illegible]4	bot cut (36° Ely - 1° head small drain	
47° L			12.6	[illegible]		
55° L			13.8	[illegible]	bot small drain	
73° L			14.1	[illegible]	Top brk out of drain (8° Wly - 1⁷ bot drain	
100° L			17.5	33[illegible]	Slope	

F. B. 1847 PG. 244 Job No. 0904.60 Division No. ____ Notes Red. JRE Plotted ____ Profile
Survey of Pine Cr Rd. Date 11/12/59 Date ____ No. ____
Survey by R.L. Willey Notes R.L.W. Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
188+00		3305.69	2.88	3402.81	℄ N+T	
6.5 R			2.2	03.5	bot cut	
10.4 R			0.0	05.7	Top cut	
31.6 R			+4.0	09.7	Top small spur	
69.0 R			+5.2	10.9	Slope	
98.0 R			+5.0	10.7	Slope	
4.4 L			3.2	3402.5	edge pvt Rd Top fill	
26.2 L			9.6	3396.1	Bot fill	
51.9 L			14.4	91.3	Slope	
91.0 L			19.6	3386.1	"	
188+34.0			4.8	3400.9	℄	
5.0 R			4.6	01.1	edge Rd bot cut	
8.3 R			3.8	01.9	Top cut	
91.0 R			0.1	05.6	in small Swale	
7.0 L			4.4	3401.3	edge Rd.	
32.3 L			7.2	3398.5	Top brk	
72.0 L			20.0	85.7	bot brk	
188+50			7.24	98.45	℄ N+T	
3.2 R			7.1	98.6	edge Rd	
45.0 R			4.8	3400.9	Slope	
75.5 R			2.1	03.6	bot small	

Profile Notes Red. JRF Plotted Job No. 0904-60 Division No.
No. Date 11/15/54 Date Survey of Line [illegible]
X-Sec. Notes Chkd. Checked Survey by R. L. Wiley Notes RLW Date 9-54
No. Date Date Map No. Edited Johnson Date

F. B. 1847 Pg. 245

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
188+50						
9.4 L		3305.69	7.0	3398.7	edge Rd	
31.8 L			8.1	97.6	Top brk	
75.0 L			19.9	85.8	bot brk	
T.P.	4.28	3398.50	11.47	3394.22		
189+00			5.52	[illegible] 98	℄ N edge pvt Rd	bot brk
4.6 R			4.6	[illegible] 9	Top brk	
43.6 R			0.5	33[illegible] 0	Slope	
98.0 R			+4.7	34[illegible] 2	"	
10.2 L			6.1	3[illegible] 4	edge pvt Rd	
47.2 L			9.6	[illegible] 9	Slope	
92.6 L			14.6	[illegible] 9	"	
189+50			5.90	[illegible] 60	℄ 1X1	
54.0 R			0.9	[illegible]	Slope	
73.0 R			+1.4	99.9	Top brk.	
5.0 L			6.6	[illegible]	edge pvt. rd.	
15.0 L			7.2	[illegible]	" " "	
48.0 L			10.4	[illegible]	Slope	
83.0 L			13.2	[illegible]	"	
190+00			6.39	[illegible]	℄ 1X1	
24.5 R			3.5	[illegible]	Top brk.	
49.5 R			1.0	[illegible]	" "	

F. B. 1847 Pg. 246 Job No. 0904163 Division No. Notes Red. JRE Plotted No. Profile
Survey of Pine Cr Rd. Date 11/15/50 Date X-Sec.
Survey by R.W. Hex Notes R.W. Notes Chkd. Checked No.
Indexed E. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
190+00						
83° R		3398 50	+2 0	3400 5	Slope	
9° L			7 5	3391 0	edge put rd.	
20° L			8 2	90 3	" " "	
47° L			10 8	87 7	Slope	
80° L			13 2	85 3	"	
190+50	-		6 27	92 23	℄ 1x1	
44° R			2 5	96 0	Slope	
82° R			+0 4	98 9	Top brk.	
10° L			7 5	91 0	edge put rd.	
20° L			8 1	90 4	" " "	
43° L			9 9	88 6	Slope	
78° L			11 8	86 7	"	
191+00			6 08	92 42	℄ 1x1	
37° R			3 9	94 6	Slope	
78° R			1 2	97 3	bot. brk.	
9° L			7 0	91 5	edge put. rd.	
19° L			7 3	91 2	" " "	
42° L			8 5	90 0	Slope	
80° L			10 9	87 6	"	
191+50			5 31	93 19	℄ 1x1	
39° R			2 6	3395 9	Slope	

Profile Notes Red. JEE Plotted Job No. 0904.60 Division No.
No. Date 11/15/54 Date Survey of Fine Cit Rd.
X-Sec. Notes Chkd. Checked Survey by R L Willey Notes R L W Date 9-54
No. Date Date Map No. Indexed Johnson Date

F. B. 1847 Pg. 247

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
191+50						
82° R		3398 50	+0 5	3399 0	Slope	
5° L			5 7	[illegible]	edge put rd.	
14° L			6 1	[illegible]	" " "	
42° L			7 9	[illegible]	flat	
82° L			10 5	[illegible]	Slope	
192+00	-		5 15	93 35	℄ 1X1	
4° R			4 5	94 0	edge put rd.	
45° R	-		1 8	[illegible]	Slope	
74° R			0 0	[illegible]	"	
6° L			5 1	[illegible]	edge put. rd.	
42° L			7 6	[illegible]	Slope	
83° L			10 4	[illegible]	"	
B.C. 192+30.62 T.P.	6 86	3399 81	5 55	3392 95	℄ B.C. 3/4" I.P. Conc. plug	+ tack
192+50			6 72	[illegible]	℄ 1X1	
6° R			6 4	[illegible]	edge put rd.	
15° R			6 1	[illegible]	" " "	
45° R			3 7	[illegible]	Slope	
83° R			+0 7	3400 5	"	
40° L			9 3	[illegible]	"	
82° L			11 8	[illegible]	"	
193+00	-		6 52	3393 29	℄ 1X1	

F. B. 1847 PG. 248 Job No. 090460 Division No. Notes Red. JRE Plotted Date 11/15/59 Date No. Profile
Survey of Pine Cr Rd Notes Chkd. Checked Date No. X-Sec.
Survey by R.L. Willey Notes R.L.W. Date
Indexed C. Johnson Date

76L296 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
193+00						
18° R		3399 81	5 2	3394 6	edge put. rd.	
28° R			4 9	94 9	" " "	
33.5 R			3 9	95 9	Top brk.	
81° R			+0 5	3400 3	Slope	
40° L			9 5	90 ~~5~~ 3	"	
83.5 L			12 3	87 5	"	
193+50	-		6 99	92 82	℄ 1x1	
28° R			5 0	94 8	edge put rd.	
37.5 R			4 6	95 2	" " "	
42° R			3 8	96 0	Top brk.	
85° R			0 6	99 2	Slope	
39.5 L			10 0	89 8	"	
83° L			12 6	87 2	"	
194+00	-		7 07	92 74	℄ 1x1	
36° R			4 1	95 7	edge put. rd.	
47° R			3 4	96 4	" " "	
84.5 R			0 0	99 8	Slope	
39° L			10 9	88 9	"	
83.5 L			13 9	85 9	"	
194+50	-		6 67	93 14	℄ 1x1	
49° R			2 5	97 3	edge put rd.	

Profile Notes Red. JRE Plotted ____ Job No. 0904.69 Division No. ____
No. ____ Date 11/15/54 Date ____ Survey of Fire Co. Rd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by P.L. Willey Notes P.L.W. Date 9-54
No. ____ Date ____ Date ____ Map No. ____ Ed Johnson Date ____

F. B. 1847 Pg. 249

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
194+50						
60° R		3399 81	1 8	3398 0	edge pvt. rd.	
76° R			0 0	[illegible] 8	Slope	
39° L			10 1	[illegible] 7	"	
85° L			14 1	[illegible] 7	"	
195+00			6 30	[illegible]	℄ 1x1	
32° R			3 3	[illegible] 5	Slope	
64° R			0 5	[illegible]	edge pvt. rd.	
75° R			+0 2	3400 0	" " "	
39° L			9 7	3390 1	Slope	
82° L			13 8	[illegible]	"	
195+50	–		6 65	[illegible] 16	℄ 1x1	
48° R			2 4	[illegible] 4	Slope	
77° R			0 3	[illegible] 5	edge pvt. rd.	
40° L			9 8	[illegible]	Slope	
81° L			14 1	[illegible] 7	"	
196+00	–		6 61	[illegible]	℄ 1x1	
49° R			2 3	[illegible] 5	Slope	
79° R			0 2	[illegible]	"	
36° L			10 4	[illegible] 4	"	
80° L			14 5	[illegible] 3	"	
T.P.	7 45	3400 63	6 63	3393 18	Cont. FB 1861-5	

F. B. 1847 Pg. 250 Job No. 0904.66 Division No. Notes Red. JRE Plotted Profile
Survey of Pine Ch Rd Date 11/15/54 Date No.
Survey by R. L. Willey Notes R. L. W. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. _____ PG. _____

NOTES CHKD. _____ SURVEY BY _____

NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

769430 353 8-63

JOB NO. ________ SURVEY OF ________ NOTE

SURVEY BY ________ DATE

NOTES BY ________ DATE ________ NOTE

INDEXED ________ DATE ________ DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION