Notes Ck'd by
Job No.
Work

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F.B. 2694 Pg.

	Job	Description
		SAND CYN. RD. 0075.64
5	Sec. Line	Survey btwn. Secs. 1 & 12, & Secs. 13 & 14 T4N, R15W 0302.01.
4	P-line	Survey on Sand Cyn. Rd. 0075.64.
6	Index	
7	Tilt	Tilt points for Sand Cn. Rd. prelim. line.
28	B.M.	Levels.
54	Prof.	Profille checks.
190	C.L.	Proposed C.L. of Sand Cyn. Rd. Lost Cyn. Rd. Southerly to Sec. Cor. T4N R15W.
196	Slope	Loc. of toes of slopes, S'ly of Live Oak Sp. Cn. Rd.
198	Index	
229	C.L.	Survey to set PI of prop. Sand Cn. Rd. & ties to Sec. lines T4N, R15W.
240	P-line	On Sand Cn. Rd. (proposed) S'ly from Lost Cn. Rd.
242	Index	
244	C.L.	Prop. C.L. Sand Cyn. Rd. in relation to bridges.

Microfilmed July 85

F.B. _____ Pg. _____

Page	Job	Description
245-246	Index	
247-254	C.L.	C.L. P.I. changes on Sand Cn.Rd., S'ly. from Live Oak Spring Cn.Rd.

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Notes Ck'd by F. CESSOR	Survey of Section Lines	F. B. 2694 PG. 5
Map No.	JN 0302.01 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 3-23-64	
Date	Indexed R. J. GALLI MAY 2 9 '64	

SECTION LINES

J.N. 0302.01

Ref. Used.
C.S.B. 736
C.S.B. 1563-1

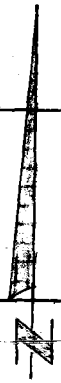
Party:
W. Voge
J. Fulton
R. Strader
I. Rangel

PLEASE RETURN T
NGELES COUNTY
ES COUNTY ENG

F. B. 2694 PG 6

INDEX

T. 4 N. R. 15 W.



SEC. 2 SEC. 1

24 23 22

SEC. 11 19 SEC. 12

15 11 14

0

SEC. 14 10 SEC. 13

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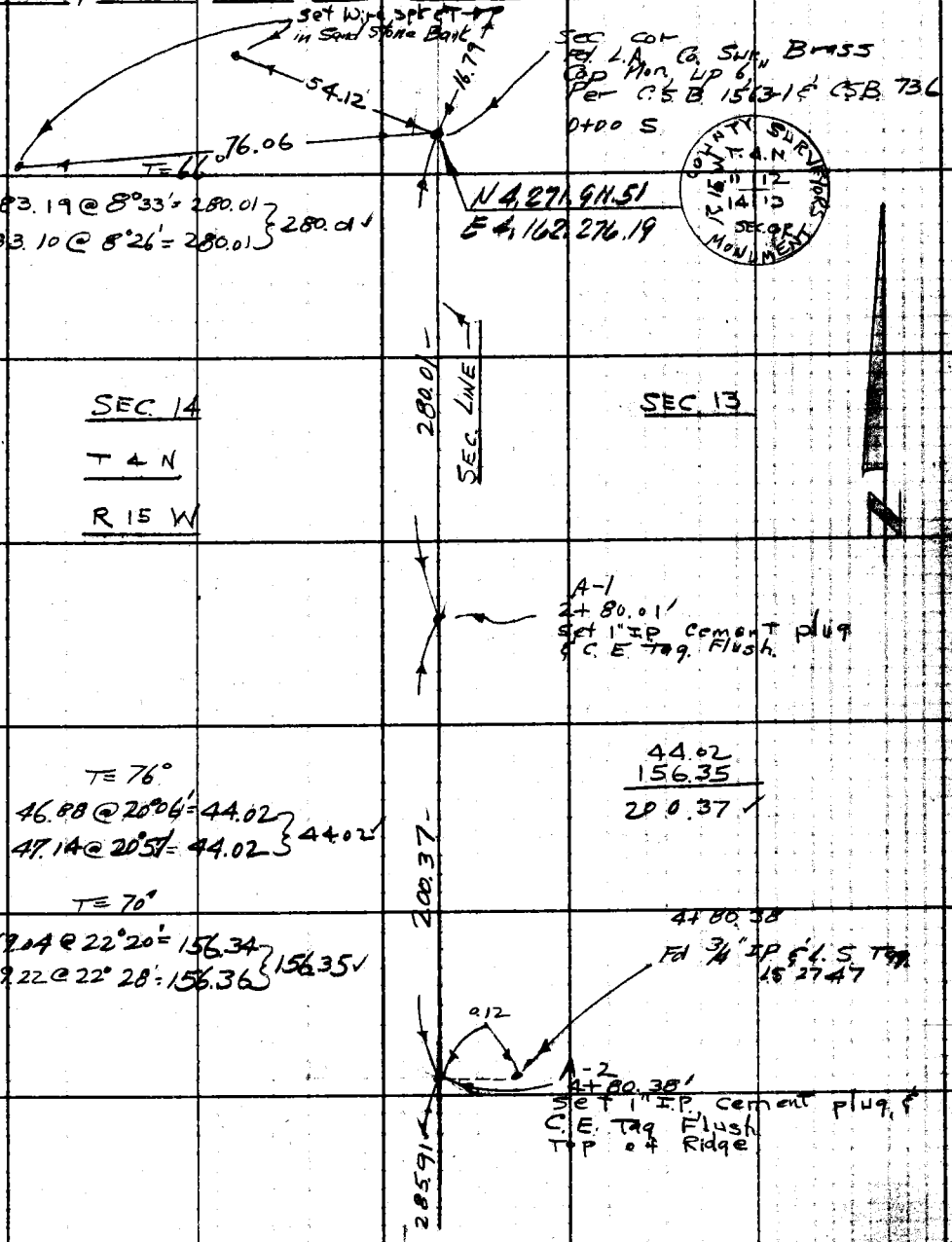
Notes Ck'd by F. CESSOR	Survey of Section Lines	F. B. 2694 Pg. 7
Map No.	JN 0302.01 Tape 127 Std 84 °F	
Office Work	Surveyed by W J Voge	
Checked	Notes Voge Date 3-30-64	
Date	Indexed C. J. GALLI	

NORTH ½ EAST LINE OF SEC 14 T.4N R.15W



To Top pg 8

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W.S. 62, D-1

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76F3095 C.E. #310 6-62

F. B. 2694 PG. 8

TO Bott Pg 7

T=78°

285.92 @ LEV = 285.91 ✓

285.91 ✓

A-3
7+66.29 ✓
Set 1" IP Cement
plug & C.E. Tag
Flush
Top of Ridge

T=82°

75.33 @ 11°02' = 73.94
75.27 @ 10°50' = 73.93 } 73.94 ✓

SEC. 14

T 4 N

R 15 W

SEC. 13

73.94 ✓

SEC. LINE

A-4
8+40.23 ✓
Set 1x2 & Nail

T=84°

220.81 @ 13°40' = 214.56
220.59 @ 13°26' = 214.55 } 214.56 ✓

214.56
202.98
417.54 ✓

T=78°

205.21 @ 8°26' = 202.98
205.37 @ 8°45' = 202.97 } 202.98 ✓

417.54 ✓

A-5
12+57.77 ✓
Set 1x2 & Nail
Top of Spur

406.20 ✓

TO TOP Pg. 9

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Notes Ck'd by L. F. CESSOR	Survey of Section Lines	F. B. 2694 Pg. 9
Map No.	JN 0302.01 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 3-30-64	
Date	Indexed C. J. GALLI	

To Bott. Pg 8

T=78°
253.69 @ 8°19' = 251.01
253.58 @ 8°07' = 251.03 } 251.02 ✓

T=80°
155.24 @ 1°39' = 155.17
155.27 @ 1°55' = 155.18 } 155.18 ✓

251.02
155.18
406.20 ✓

406.20 ✓

A-6
16+63.97
Set 1x2 & Nail
Top of Spur

SEC. 14
T 4 N
R 15 W

SEC 13
T=80°
157.48 @ 5°41' = 156.71
157.57 @ 6°00' = 156.71 } 156.71 ✓

156.71 ✓

SEC. LINE

A-7
18+20.68
Set 1x2 & Nail

T=80°
52.52 @ 17°21' = 50.13
52.34 @ 16°41' = 50.14 } 50.14 ✓

T=82°
256.75 @ 17°06' = 245.40
256.93 @ 17°13' = 245.42 } 245.41 ✓

50.14
245.41
295.55 ✓

295.55 ✓

Set 1x2 & Nail
21+16.23

T=84°
60.00 @ LEV = 60.00

60.00 ✓

90°

90°

A-8
21+16.23
Set 1x2 & Nail

524.28 ✓

To Top Pg. 10

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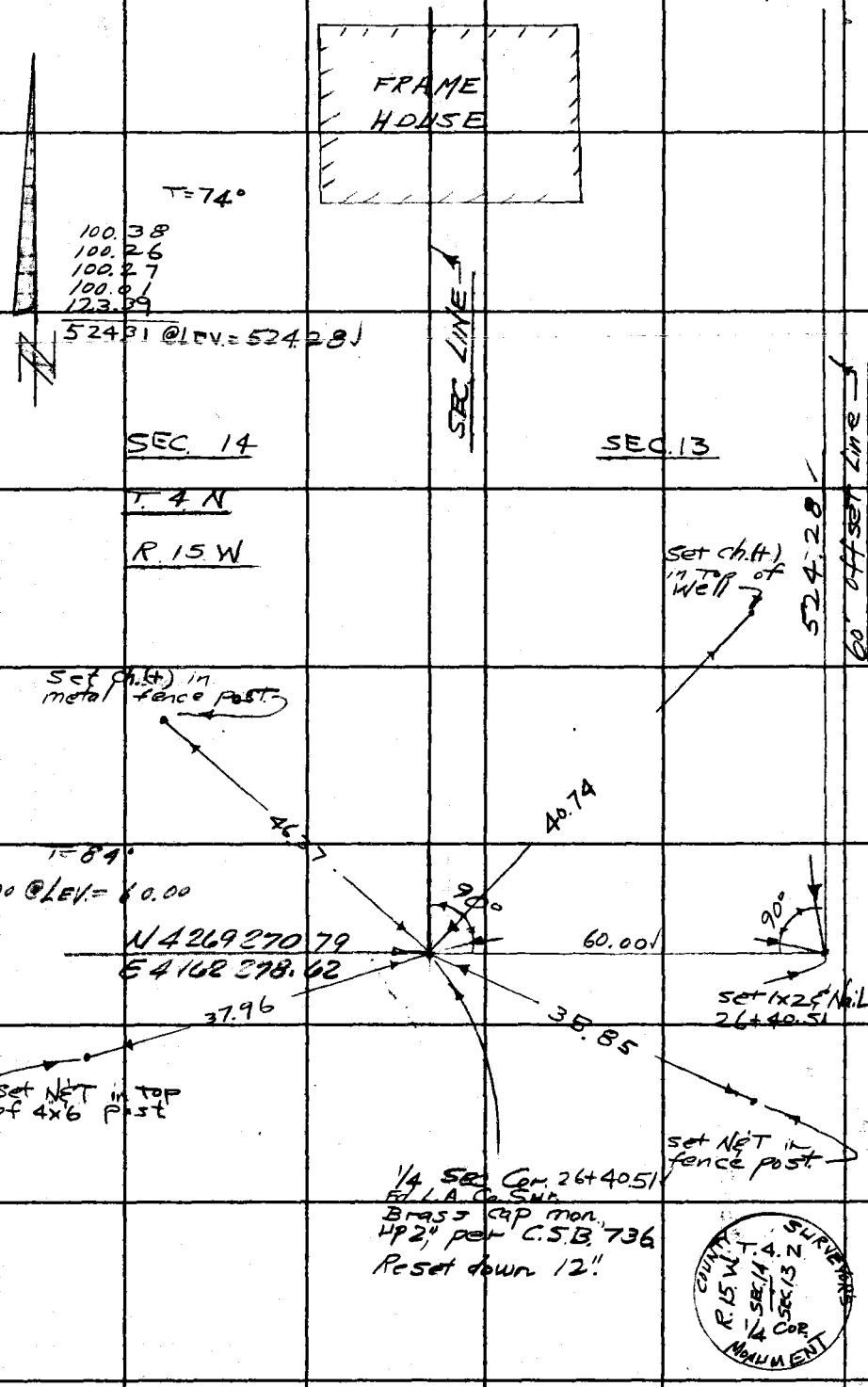
76F3095 CE #3 0 6-62

F. B. 2694 PG. 10

To Bott pg. 9

W.S. 62, D-2



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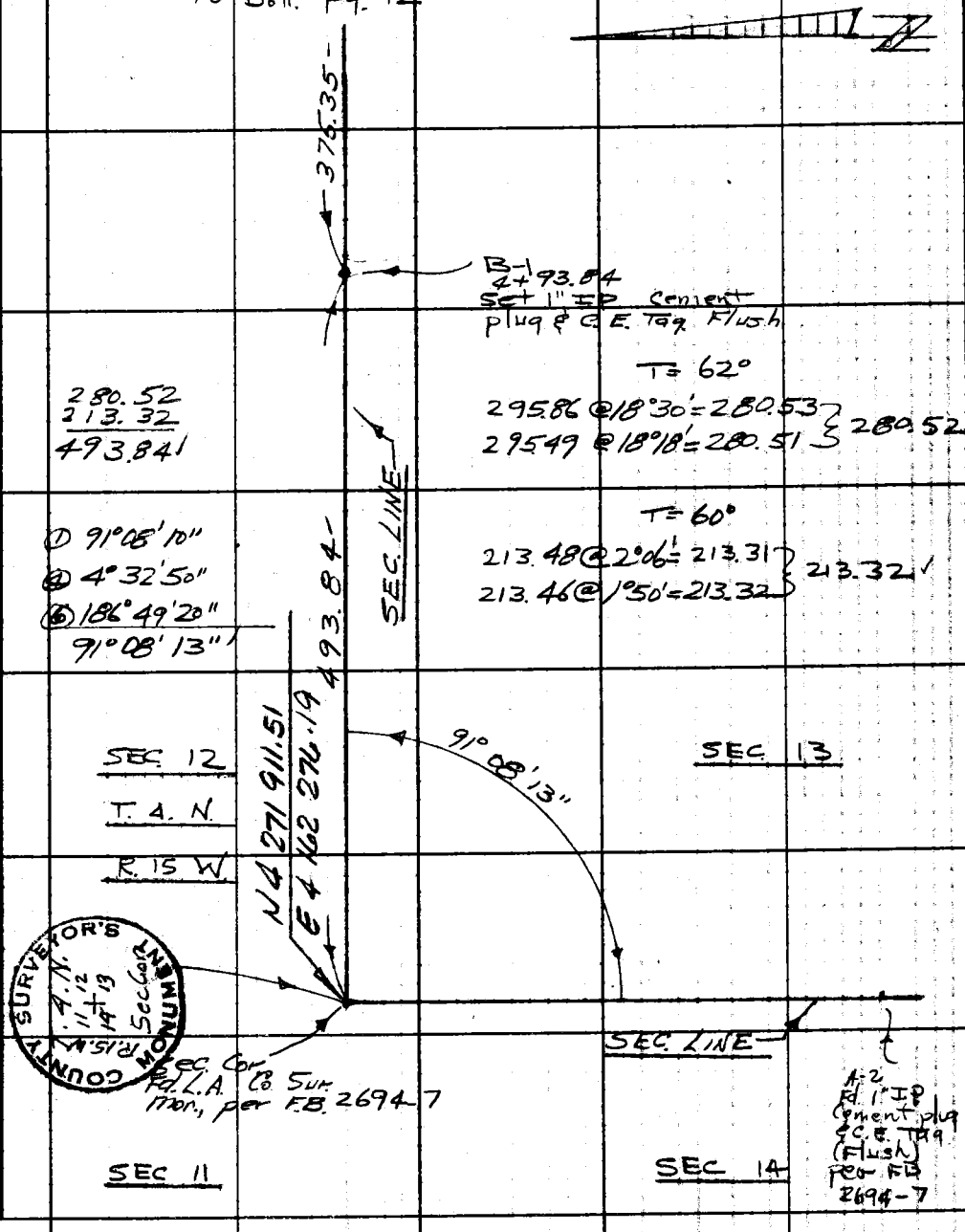
Notes Ck'd by E. CESSOR	Survey of Section Lines	F. B. 2694 PG. 11
Map No.	JN 0302 d Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 3-31-64	
Date	Indexed C. J. GALLI	

W. ½, NORTH LINE OF SEC. 13 T 4 N R. 15 W.

To Bott. Pg. 12



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W. S. 62, D-1

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76F3098 CE #310 6-62

F. B. 2694 Pg. 12

To Bott. Pg. 13

T = 48°

115.07 @ 11°31' = 112.72
115.27 @ 12°00' = 112.72 } 112.72 ✓

T = 48°

132.65 @ 16°50' = 126.94
132.80 @ 17°02' = 126.95 } 126.94 ✓

T = 48°

50.83 @ LEV = 50.82 ✓

T = 48°

276.31 @ 37°26' = 219.65
275.91 @ 37°14' = 219.63 } 219.64 ✓

112.72
126.94
50.82
219.64
510.12'

510.12

B-3
8+73.11
5/8" 1x2 & Nail
Edge of Ridge

T = 46°

5.92 @ LEV = 5.92 ✓

5.92

SEC 12

T. 4 N.

R. 15 W.

SEC. 13

B-2
8+69.19
Set 1" I.P. Cement
Plug & C.E. Tap.
Flush
Top of Ridge

T = 46°

15.07 @ LEV = 15.07 ✓

T = 46°

86.45 @ 31°59' = 73.31
86.10 @ 31°38' = 73.29 } 73.30 ✓

15.07
73.30
286.98
375.35 ✓

375.35 ✓

Sec. Line

T = 50°

288.19 @ 5°07' = 286.98
288.25 @ 5°16' = 286.97 } 286.98 ✓

To Top Pg. 11

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Notes Ck'd by E. CESSOR	Survey of Section Lines	F. B. 2694 Pg. 13
Map No.	JN 0302.01 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 4-2-64	
Date	Indexed C. J. GALLI	

TO B.H. Pg 14

SEC 13

T 4 N

R 15 W

T = 82°

297.99 @ 24°32' = 271.09
297.60 @ 24°22' = 271.09 } 271.09'

SEC 12

271.09

B-6
18+65.44
Set 1x2 & Nail
Top of Spur

T = 48°

131.14 @ 17°59' = 124.71
130.99 @ 17°46' = 124.71 } 124.71'

124.71

B-5
17+40.73
Set 1x2 & Nail
Top of Spur

T = 48°

69.31 @ 21°29' = 64.48
69.02 @ 20°51' = 64.48 } 64.48'

64.48
291.02
355.50

T = 48°

296.00 @ 10°27' = 291.02
295.82 @ 10°15' = 291.03 } 291.02'

355.50

Sec. Line

B-4
13+85.23
Set 1x2 & Nail
Top of Spur

510.12

TO TOP Pg. 12

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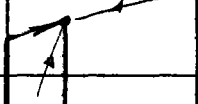
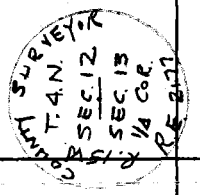
76F3095 C.E. #310 6-62

F. B2694 PG 14



1/4 Sec. Cor.
26+74.29
Fd. L.A. Co. Sur.
Brass Cap Mon.
(Flush)
per CSB 1563-1



N 4 271 967.38
E 4 164 950.57

T = 86°
215.81 @ 3°41' = 215.36
215.88 @ 3°58' = 215.36 } 215.36

215.36
271.76
50.64
537.76

537.76

T = 86°
288.07 @ 19°22' = 271.77
287.94 @ 19°18' = 271.76 } 271.76

SEC. 12

SEC 13

T 4 N

R 15 W

Sec. Line

T = 86°
55.59 @ 24°22' = 50.64
55.74 @ 24°41' = 50.65 } 50.64

B-7 21+36.53
set 1" I.P. Cement
plug & C.E. Tag
Flush
Top of Ridge.

271.09

TO TOP pg. 13

W.S. 62, D-1

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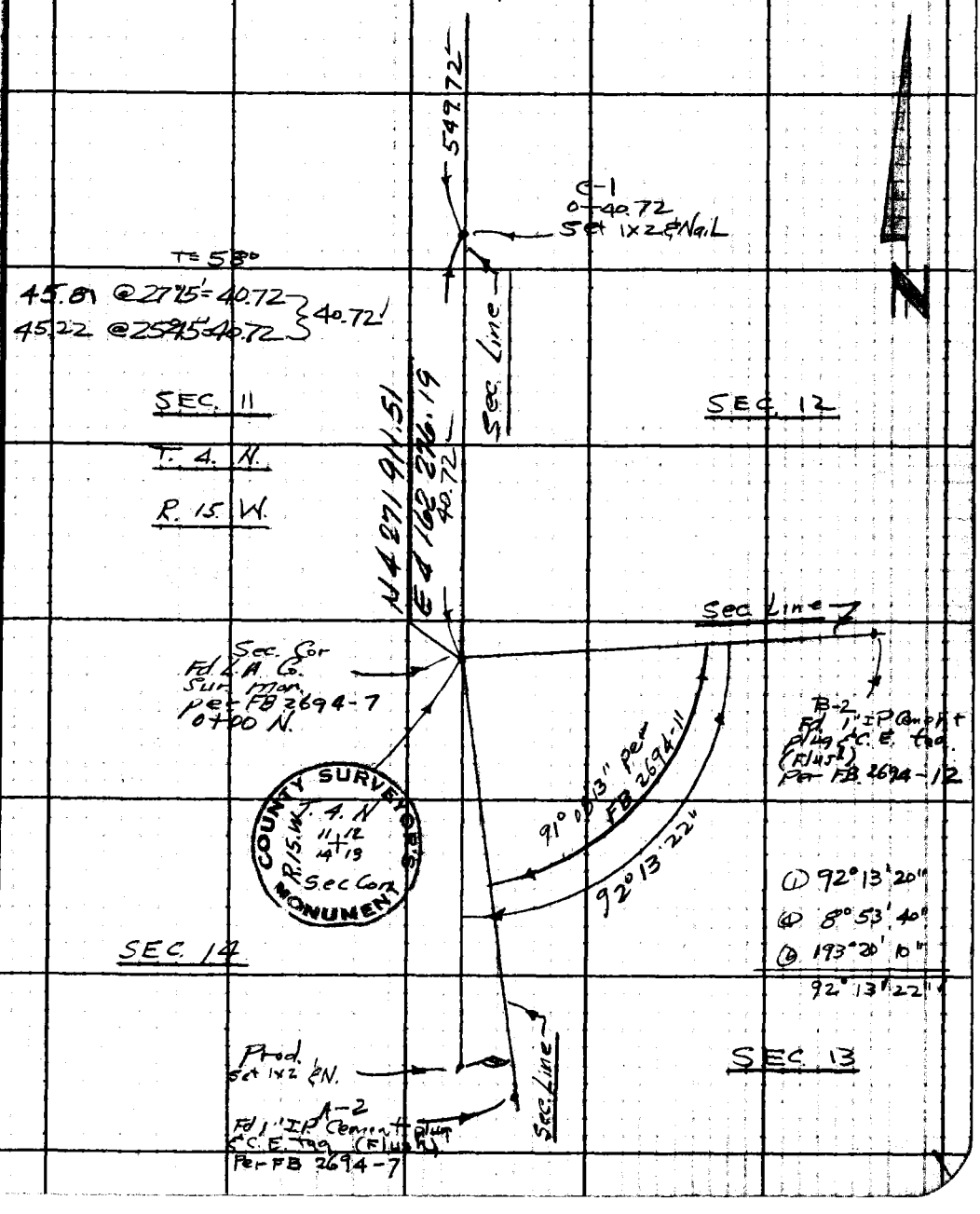
Notes Ck'd by F. CESSOR	Survey of Section Lines	F. B. 2694 Pg. 15
Map No.	JN 0302.01 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 4-4-64	
Date	Indexed C. J. GALLI	

WEST LINE OF SEC. 12, T. 4 N., R. 15 W.

To Bott. Pg. 16



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W.S. 62, D-1

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76F309S CE #310 6-62

F. B. 2694 PG 16

To B.M. Pg. 17

T = 60°

299.31 @ 3°15' = 298.78
299.26 @ 3°07' = 298.77
298.78

T = 56°

233.69 @ 3°58' = 233.09
233.65 @ 3°45' = 233.11
233.10

T = 62°

160.54 @ 26°24' = 143.78
160.81 @ 26°35' = 143.79
143.78

T = 60°

262.83 @ 8°59' = 259.57
262.57 @ 8°36' = 259.58
259.58

SEC 11

T = 58°

90.95 @ 3°11' = 90.79
91.00 @ 3°37' = 90.80
90.80

T = 60°

56.99 @ 12°46' = 55.57
57.15 @ 13°30' = 55.56
55.56

531.88

298.78
233.10
531.88

C-2
5+90.44
Set 1" IP Center plug & C.E. Tag, Flush Top of Ridge

143.78
259.58
90.80
55.56
549.72

549.72

Sec. Line

SEC 12

T. 4. N.

R. 15 W.

To Top Pg. 15

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Notes Ck'd by F. CESSOR	Survey of Section Lines	F. B. 2694 PG. 17
Map No.	JN 0302.01 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 4-4-64	
Date	Indexed C. J. GALLI	

TO BOTH pg 18

SEC 11

T 4 N

R 15 W

SEC 12

T=56°

85.16 @ LEV = 85.14

T=62°

284.73 @ 18°45' = 269.58
284.45 @ 18°36' = 269.56 } 269.57

269.57
106.68
376.25

T=62°

108.07 @ 9°08' = 106.68
107.99 @ 8°54' = 106.67 } 106.68

289.76

C-5
15+83.71
Set 1x2 & Nail

85.14

Sec Line

C-4
14+98.57
Set 1x2 & Nail
Top of Spur

0.06

Fd 2x2 & L.S. Tag
L.S. #2313 up 2"
J.W. BATTY
13+27.26

376.25

T=62°

206.22 @ 6°19' = 204.94

204.94

C-3
11+22.32
Set 1x2 & Nail
in Saddle

531.88

TO TOP Pg 16

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76F309S CE #310 6-62

F. B. 2694 Pg. 18

TO BK. Pg. 19

1266.3

S.8
35+29.21
Set 1x2" Nail
Top of Ridge

T=60°

277.88 @ 21°04 = 259.27
277.03 @ 26°37' = 259.25
} 259.26

259.26
135.70
394.96

SEC. 11

394.96

SEC. 12

T. 4. N.

R 15 W

SEC. LINE

T=58°

135.72 @ 1°EV. = 135.70

S.7
21+34.25
Set 1x2" Nail
Top of Spur

T=60°

260.92 @ 1°35' = 260.79
260.97 @ 2°00' = 260.77
} 260.78

260.78

S.6
13+73.47
Set 1x2" Nail
Top of Spur

T = 56°

299.14 @ 14°21' = 289.76
299.02 @ 14°15' = 289.77
} 289.76

289.76

TO TOP Pg. 17

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Map No.	JN 03020 Tape 127 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 4-6-64
Date	Indexed C. J. GALLI

F. B. 2694 Pg. 19

TO Both Pg. 20

Prod. Set M2 & Nail

228.33

D-1 5+69.72 Set 1" I.P. Cement Plug & C.E. T99, Flush. Top of Ridge.

121.88
152.24
295.60
569.72

T=80°

128.40 @ 18°20' = 121.88
128.15 @ 17°59' = 121.89 } 121.88

0°00'27"

T=76°

162.25 @ 20°14' = 152.23
162.07 @ 20°02' = 152.25 } 152.24

① 0°00'30"
④ 0°02'00"
⑥ 0°02'40"
0°00'27"

T=60°

299.20 @ 8°51' = 295.59
299.33 @ 8°59' = 295.61 } 295.60

569.72

SEC 11

SEC 12

T. 4. N.

R. 15 W.

1/4 Sec. Cor. Fd. L.A. Co. Sur. Brass Cap Mon., Flush, per C.S.B. 15.63-1

26+55.84 from South = 0+00 North

COUNTY SURVEYOR T. 4. N. R. 15 W. SEC. 11 SEC. 12 1/4 COR. R.E. 2177

T=60°

61.67 @ 19°02' = 58.29
61.82 @ 19°26' = 58.29 } 58.29

58.29
68.34
126.63

126.63

SEC LINE

T=58°

68.35 @ LEV. = 68.34

TO TOP Pg. 18

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W.S. 62, D-1

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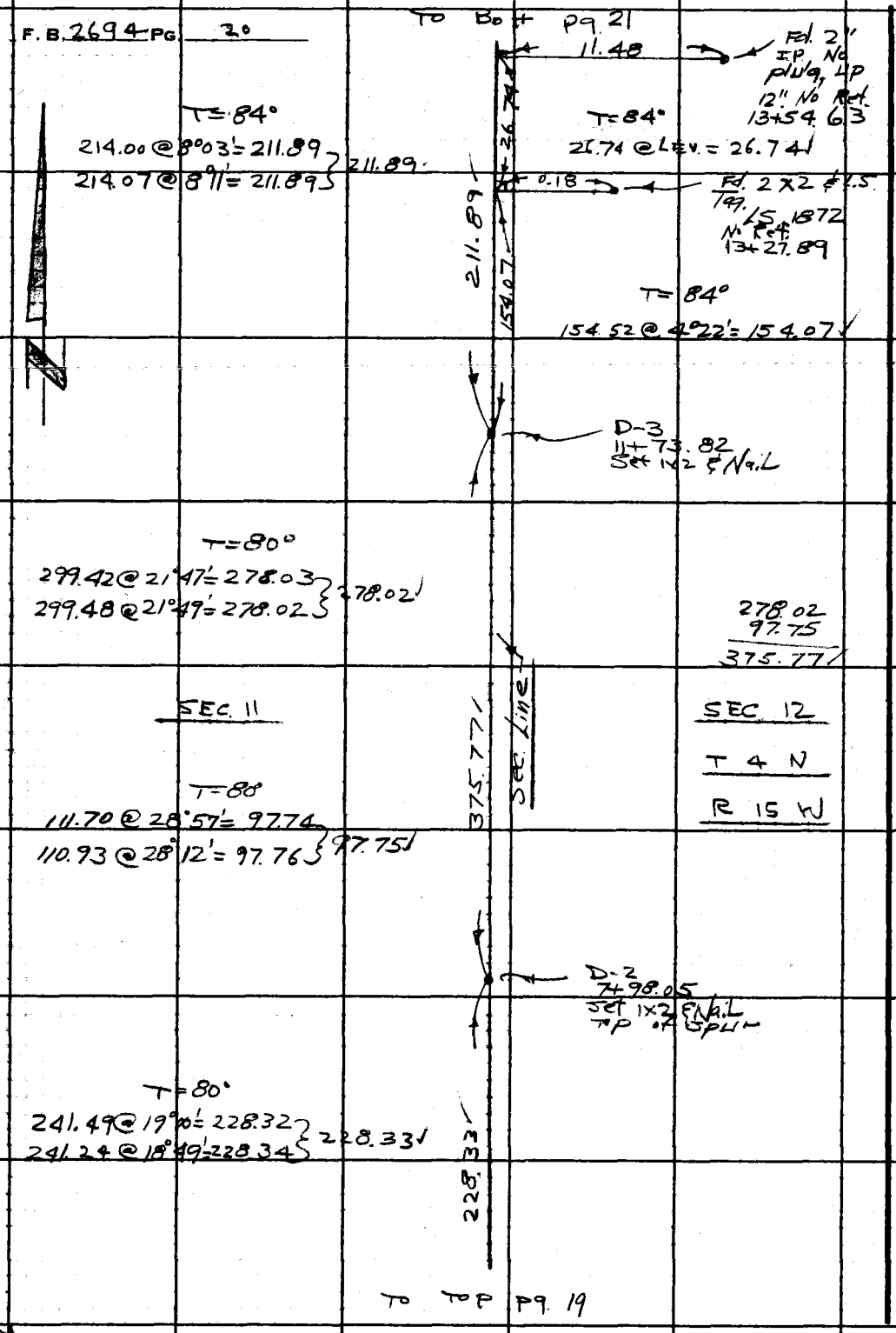
76F309S C.E. #310 6-62

F. B. 2694 PG. 20



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Notes Ck'd by F. CESSOR	Survey of Section Lines
Map No.	JN 0302.01 Tape 127 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 4-9-64
Date	Indexed C. J. GALLI

F. B. 2694 PG. 21

To Bott. Pg. 22

T= 84°

226.27 @ 11°17' = 221.90
226.12 @ 11°06' = 221.89 } 221.90 ✓

221.90

SEC. 11

T= 84°

32.59 @ LEV = 32.59

D-6
22+19.71
Pd 2x2 & Nail

T= 84°

299.92 @ 4°30' = 299.00
300.00 @ 4°39' = 299.01 } 299.00 ✓

SEC. 12
T. 4 N.
R. 15 W.

T= 84°

112.71 @ 16°57' = 107.81
112.51 @ 16°37' = 107.81 } 107.81 ✓

439.40

Sec Line

32.59
299.00
107.81
439.40 ✓

D-5
17+80.31
Set 1x2 & Nail
Top of 5 Pdr

T= 84°

235.35 @ 9°33' = 232.09
235.15 @ 9°16' = 232.08 } 232.08 ✓

232.08
162.52
394.60 ✓

T= 84°

175.15 @ 21°54' = 162.51
174.67 @ 21°30' = 162.52 } 162.52 ✓

394.60

D-4
13+85.71
Set 1x2 & Nail

211.89

Top Pg. 20

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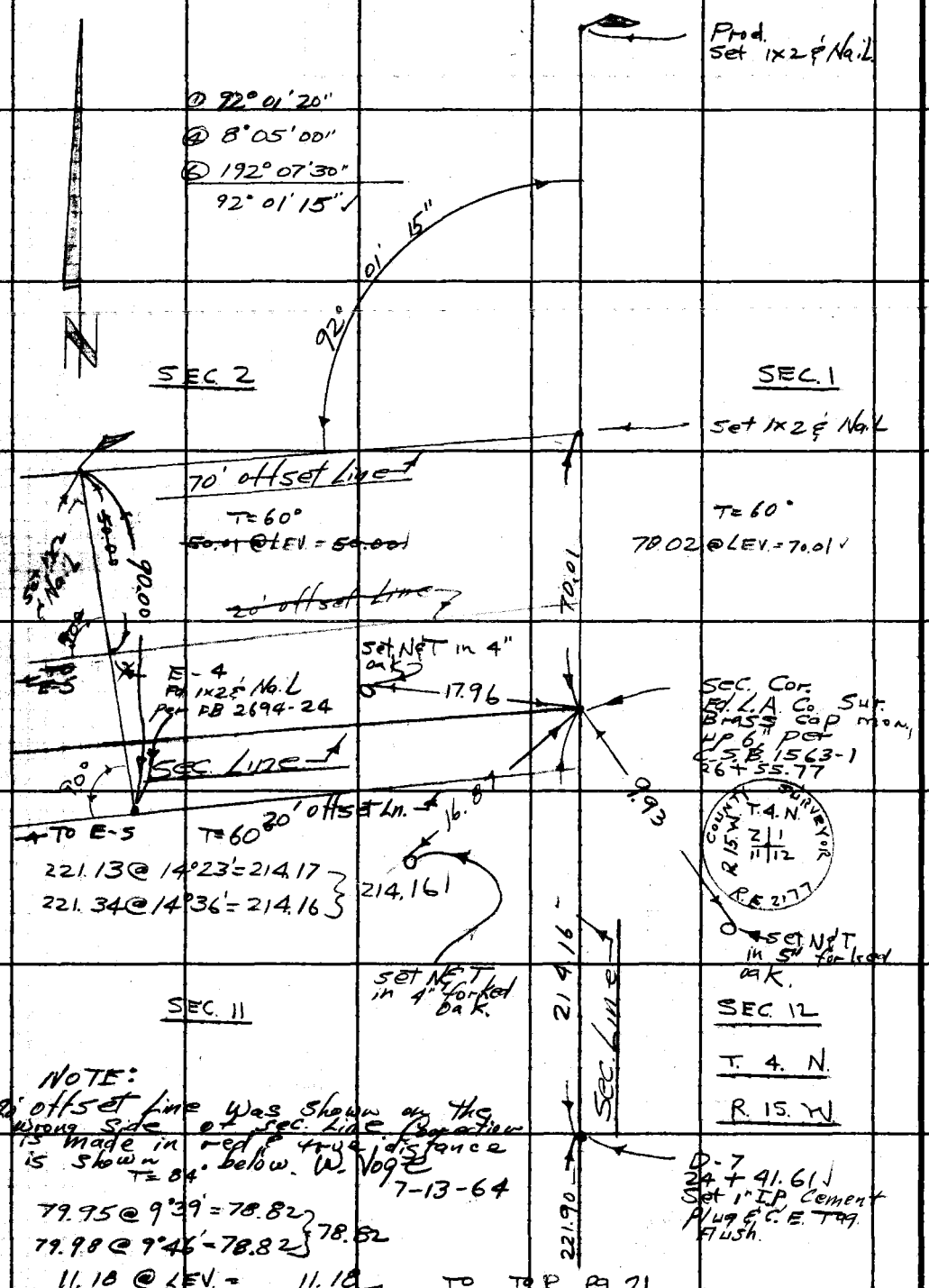
76F309S C.E. #310 6-62

F. B. 2694 PG. 22

W.S. 62, D-1



NOTE:
20' offset line was shown on the wrong side of sec. line. Correction is made in red & true distance is shown below. W. Vogt 7-13-64

T=84°

79.95 @ 9°39' = 78.82
79.98 @ 9°46' = 78.82 } 78.82

11.18 @ LEV. = 11.18
90.00

TO TOP PG. 21

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Notes Ck'd by F. CESSOR	Survey of Section Lines
Map No.	JN 0302.01 Tape 127 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 3-31-64
Date	Indexed C. I. GAIN

F. B. 2694 PG. 23

E. ½ NORTH LINE OF SEC. 11 T. 4. N R. 15 W

ON 20' OFFSET LINE

Sec. Cor. Fd. L.A. Co. Sur. Brass cap mon. up 6" pet. CSB 1563-1 & F.B. 2694-22

20.00

E-1 Set 1x2 & Nail 0+00 W.

90°

90°

SURVEYOR COUNTY RE 2 LL T. 4 N R. 15 W.

131.82

T = 70°

134.08 @ 10°31' = 131.82
133.95 @ 10°14' = 131.81 } 131.82

SEC 2

T. 4. N.

R. 15. W.

Sec Line

20' Offset Line

SEC 11

E-2 131.82 Set 1x2 & Nail

T = 70°

72.41 @ 2°44' = 72.32
72.39 @ 2°03' = 72.33 } 72.32

72.32
154.92
227.24

T = 64°

160.17 @ 14°41' = 154.92
160.27 @ 14°50' = 154.91 } 154.92

227.24

TO TOP PG. 24

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W.S. 62, D-1

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76F3095 CE #310 6-62

F. B. 2694 PG 24

TO BOTT PG 23

227.24

E-3
3+59.06
Set 1" I.P.
Cement plug
P.C.E. Tag
Flush

T=52°

177.34 @ 13°22' = 172.50
177.17 @ 13°06' = 172.52 } 172.51

SEC. 2

SEC 11

T 4 N

R 15 W

172.51

E-4
5+31.57
Set 1x2 & Nail
Top of Spur

T=54°

137.75 @ 8°41' = 136.14
137.64 @ 8°24' = 136.13 } 136.14

Sec. Line

136.14

E-5
6+67.71
Set 1x2 & Nail
Top of Spur

T=56°

269.45 @ 8°37' = 266.36
269.34 @ 8°27' = 266.37 } 266.36

T=56°

274.95 @ 0°45' = 274.88
274.98 @ 0°52' = 274.90 } 274.89

541.25

20' offset Line

266.36
274.89
541.25

TO TOP PG. 25

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Notes Ck'd by F. CESSOR	Survey of Section Lines	F. B. 2694 PG. 25
Map No.	JN 0302.01 Tape 127 Std 84 °F	
Office Work	Surveyed by W J Voge	
Checked	Notes Voge Date 4-2-64	
Date	Indexed C. J. GALLI	

To Bott Pg. 24

132.23
218.94
351.17✓

T= 54°
132.76 @ 4°58' = 132.23
132.63 @ 4°17' = 132.23 } 132.23✓

T= 54°
222.13 @ 9°39' = 218.95
222.03 @ 9°30' = 218.94 } 218.94✓

SEC. 2

T= 54°
286.01 @ 11°10' = 280.54
285.84 @ 11°00' = 280.53 } 280.54✓

T= 52°
83.18 @ LEV = 83.16
280.54
83.16
363.70✓

T= 52°
37.37 @ LEV. = 37.36✓

541.25

E-6
12+08.96
Set 1x2 & Nail

SEC. 11

T. 4. N.

R. 15 W.

351.17

E-7
15+60.13
Set 1x2 & Nail
Top of Edge

Sec. Line

363.70

20' offset Line

E-8
19+23.80
Set Sq. & T
in edge of
pav.

37.36

To Top Pg. 26

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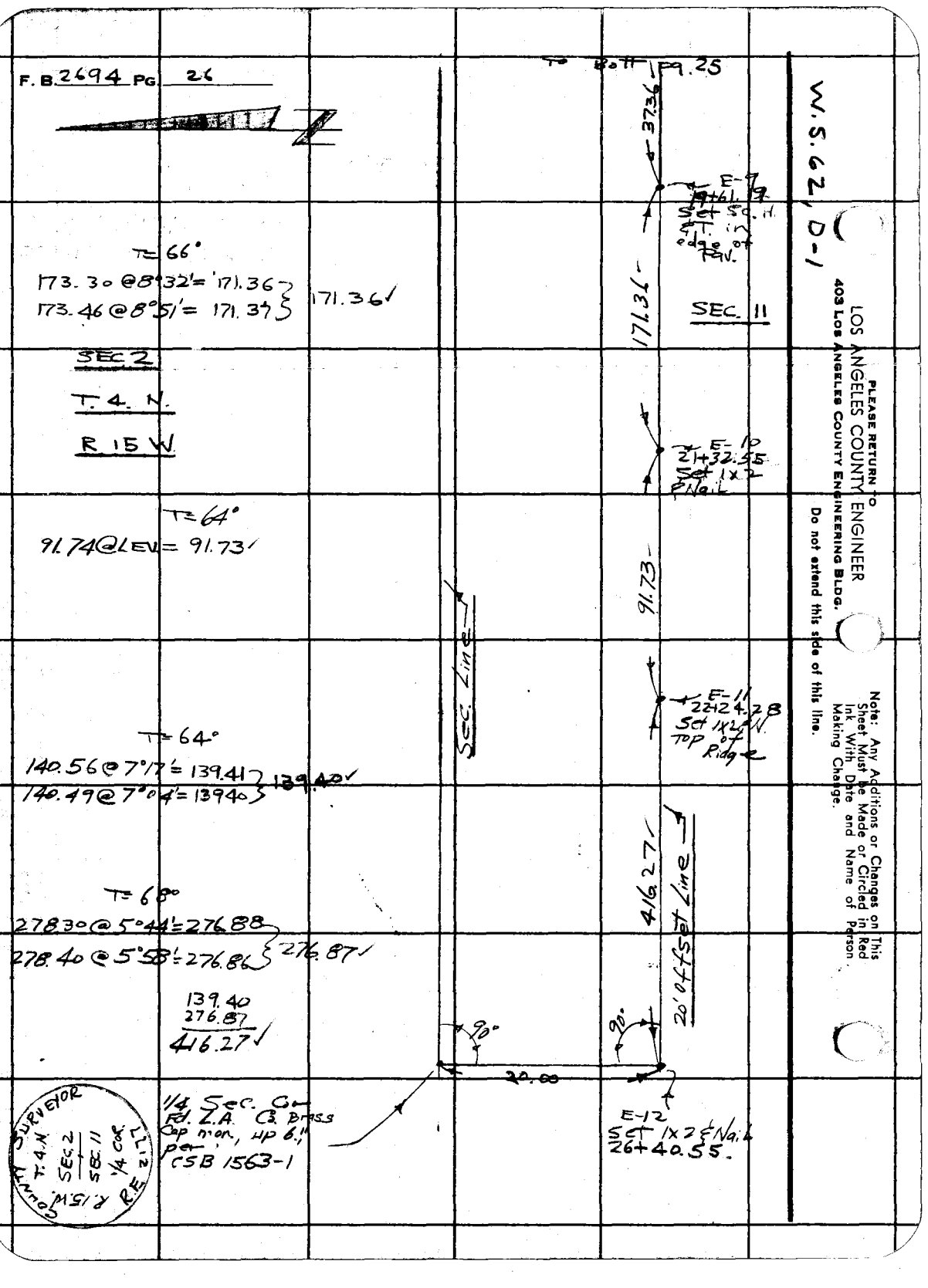
76F3095 CE #310 6-62

F. B. 2694 PG. 26



To Bott pg. 25
37.36
E-9
19+61.19
Set Sc. H. & T. in edge of Pav.
171.36
SEC. 11
T=66°
173.30 @ 8°32' = 171.36
173.46 @ 8°51' = 171.37
171.36
SEC 2
T. 4. N.
R 15 W.
E-10
21+32.55
Set 1x2 & Nail
T=64°
91.74 @ LEV = 91.73
91.73
Sec. Line
E-11
22+24.28
Set 1x2 & N. Top of Ridge
T=64°
140.56 @ 7°17' = 139.41
140.49 @ 7°04' = 139.40
139.40
416.27
20' off set Line
T=68°
278.30 @ 5°44' = 276.88
278.40 @ 5°58' = 276.86
276.87
139.40
276.87
416.27
90°
90°
20.00
1/4 Sec. Cor
Fd. L.A. Co. Brass Cap mon., up 6.1" per CSB 1563-1
E-12
Set 1x2 & Nail
26+40.55
COUNTY SURVEYOR
T. 4. N.
SEC. 2
SEC. 11
1/4 Cor.
R. 15 W.
R.E. 2127
W.S. 62, D-1
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Notes Ck'd by F. OESSOR	Survey of Sand Cyn Rd
Map No.	JN 0075.64 Tape 127 Std 64 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 3-3-64
Date	Indexed K. J. GALLI MAY 2 9 '64

F. B. 2694 PG. 27

SAND CYN. RD. PRELIMINARY LINE

J.N. 0075.64

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Ref. Used

CSB 736
CSB 1563-1
RDFB 439

Party

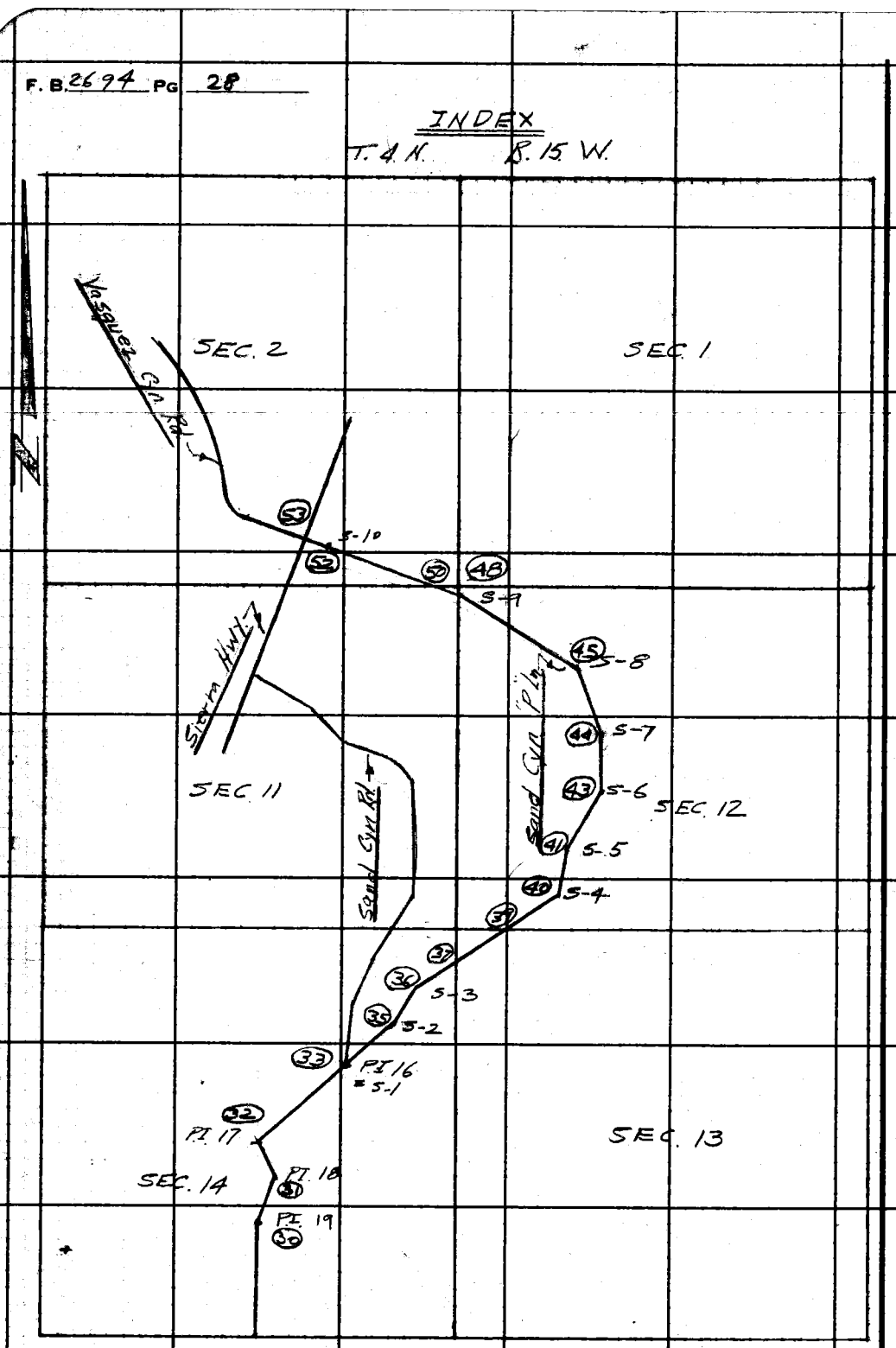
W. Voge
J. Fulton
R Strader
I. Rangel

76F3095 C.E. #310 6-62

F. B. 2694 PG 28

INDEX

T. 4 N. R. 15 W.



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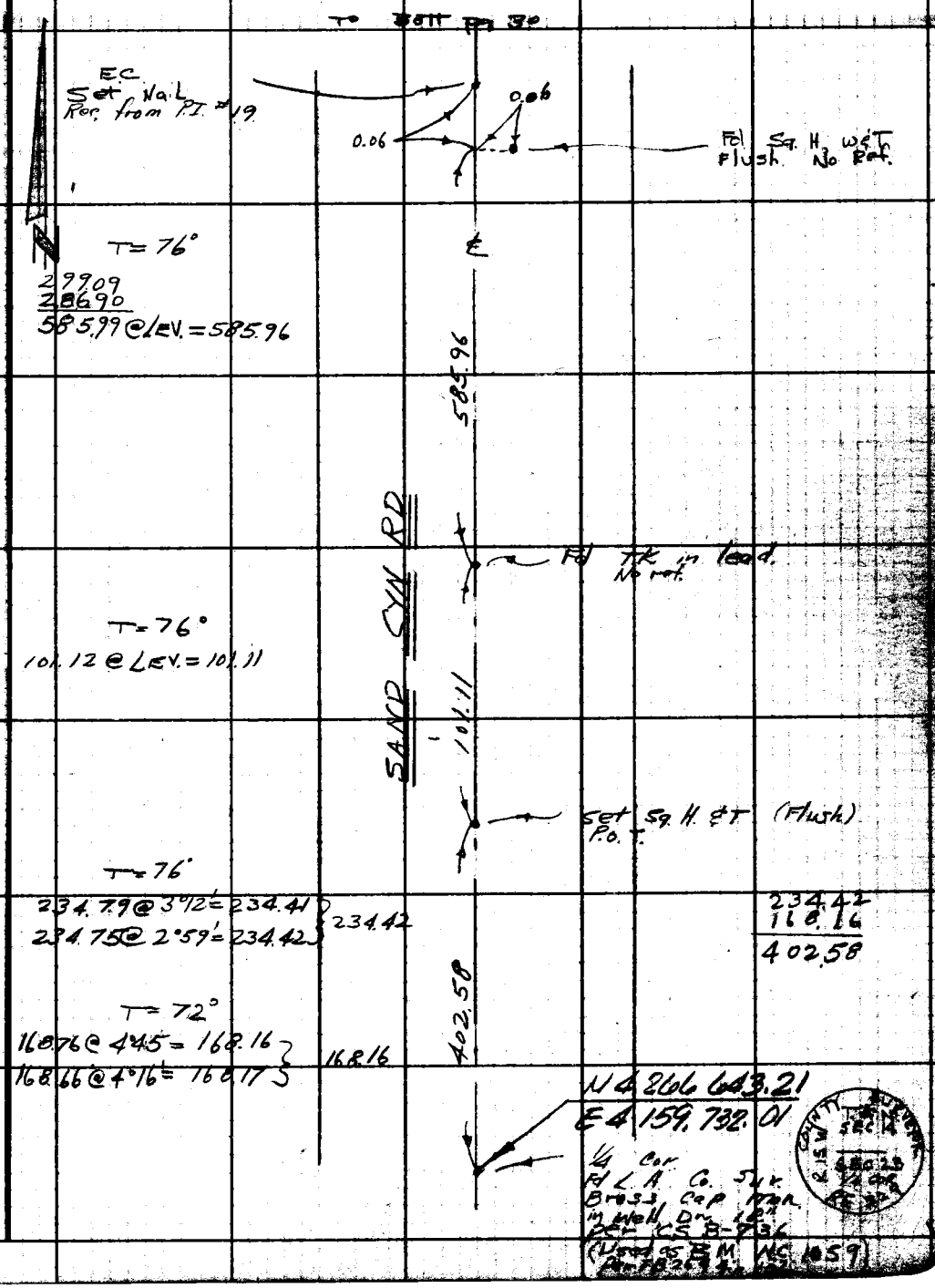
Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd	F. B. 2694 PG. 29
Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W J Voge	
Checked	Notes Voge Date 12-26-63	
Date	Indexed C. J. GALLI	



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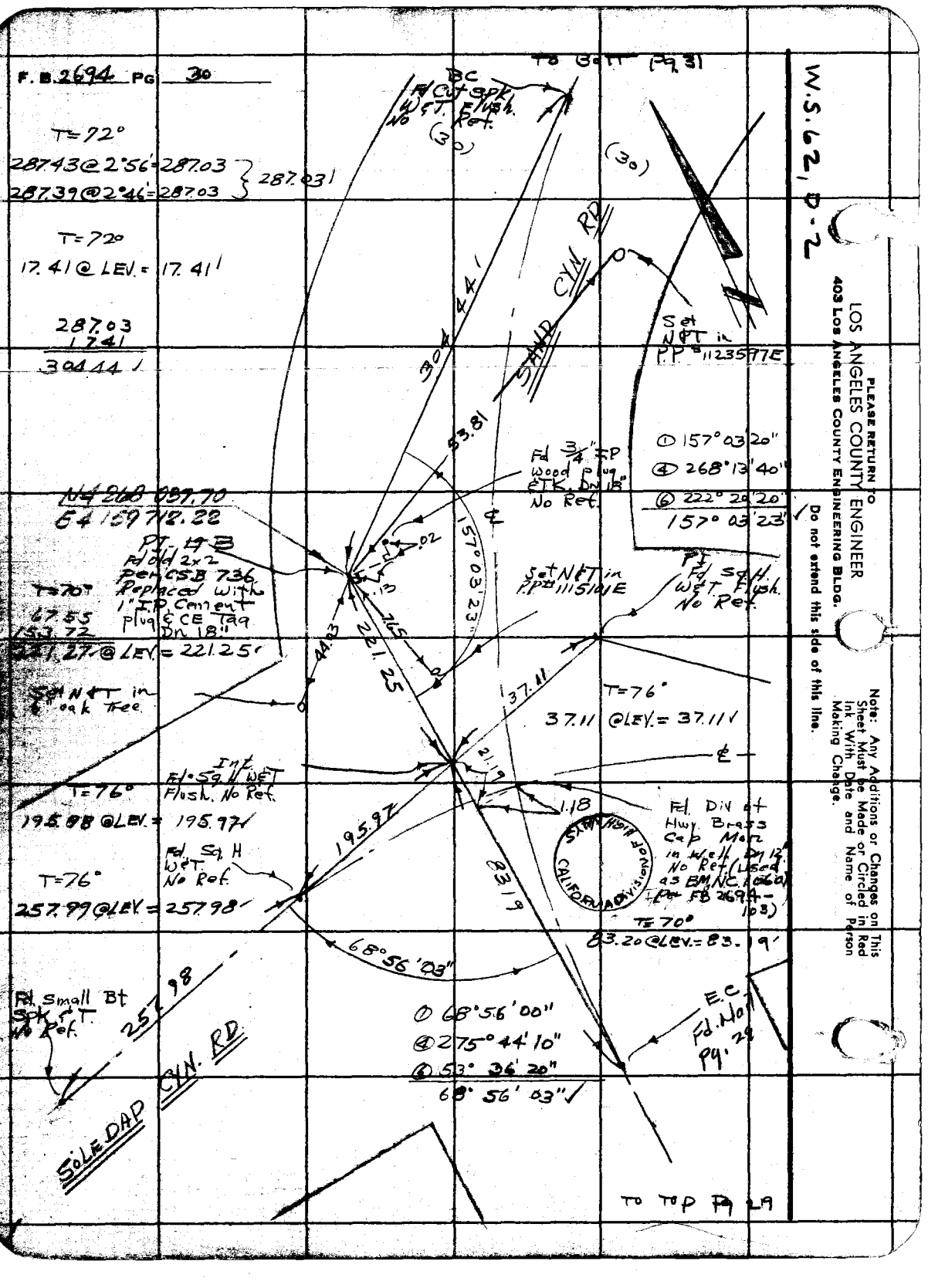
76F309S CE #310 6-62

F.B. 2694 PG 30



W.S. 62, D-2

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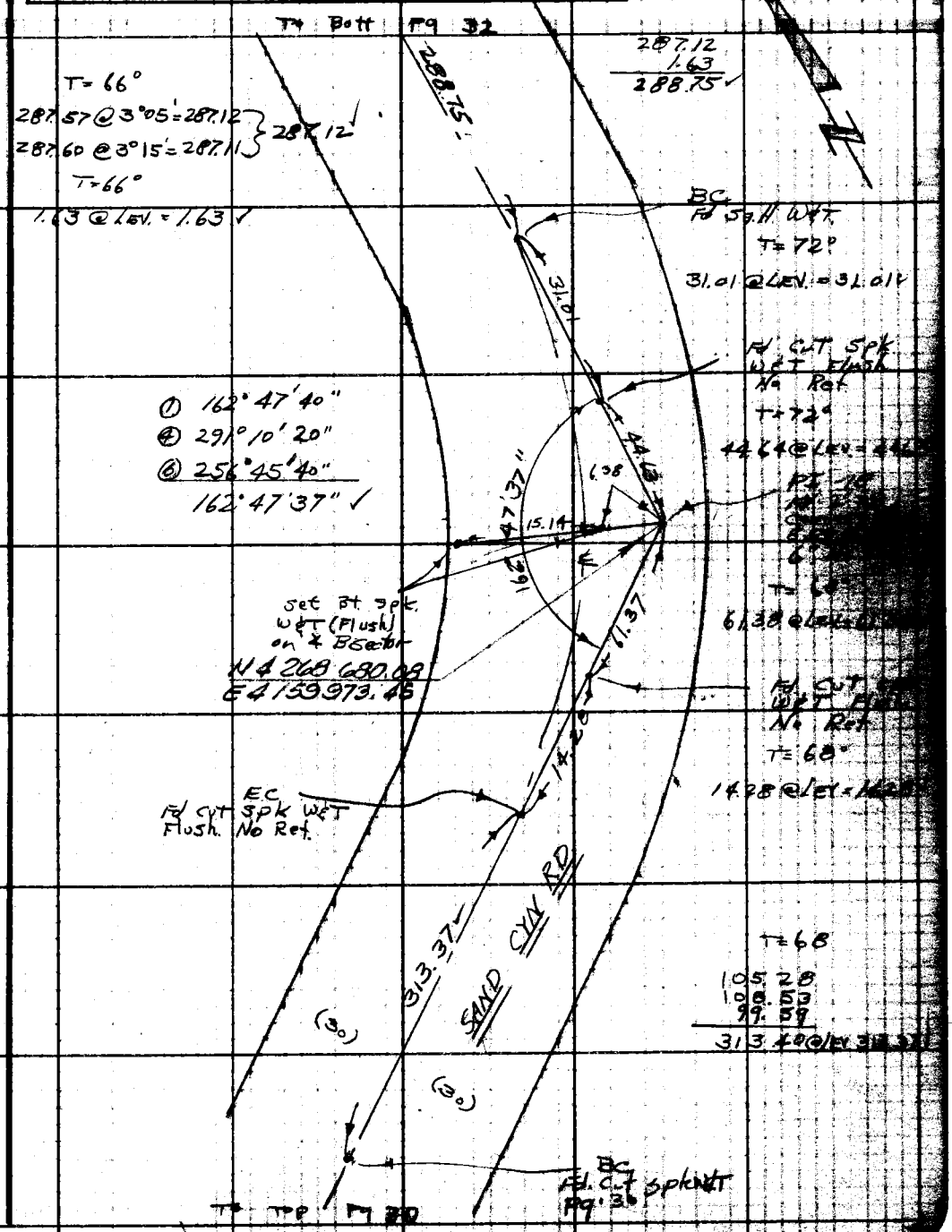
Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd	F. B. 2694 Pg. 31
Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W J Voge	
Checked	Notes Voge Date 12-27-63	
Date	Indexed C. J. GALLI	



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76F309S C.E. #310 6-62

F. B. 2694 PG. 32

TO BOTT PG 33

W.S. 62, D-2

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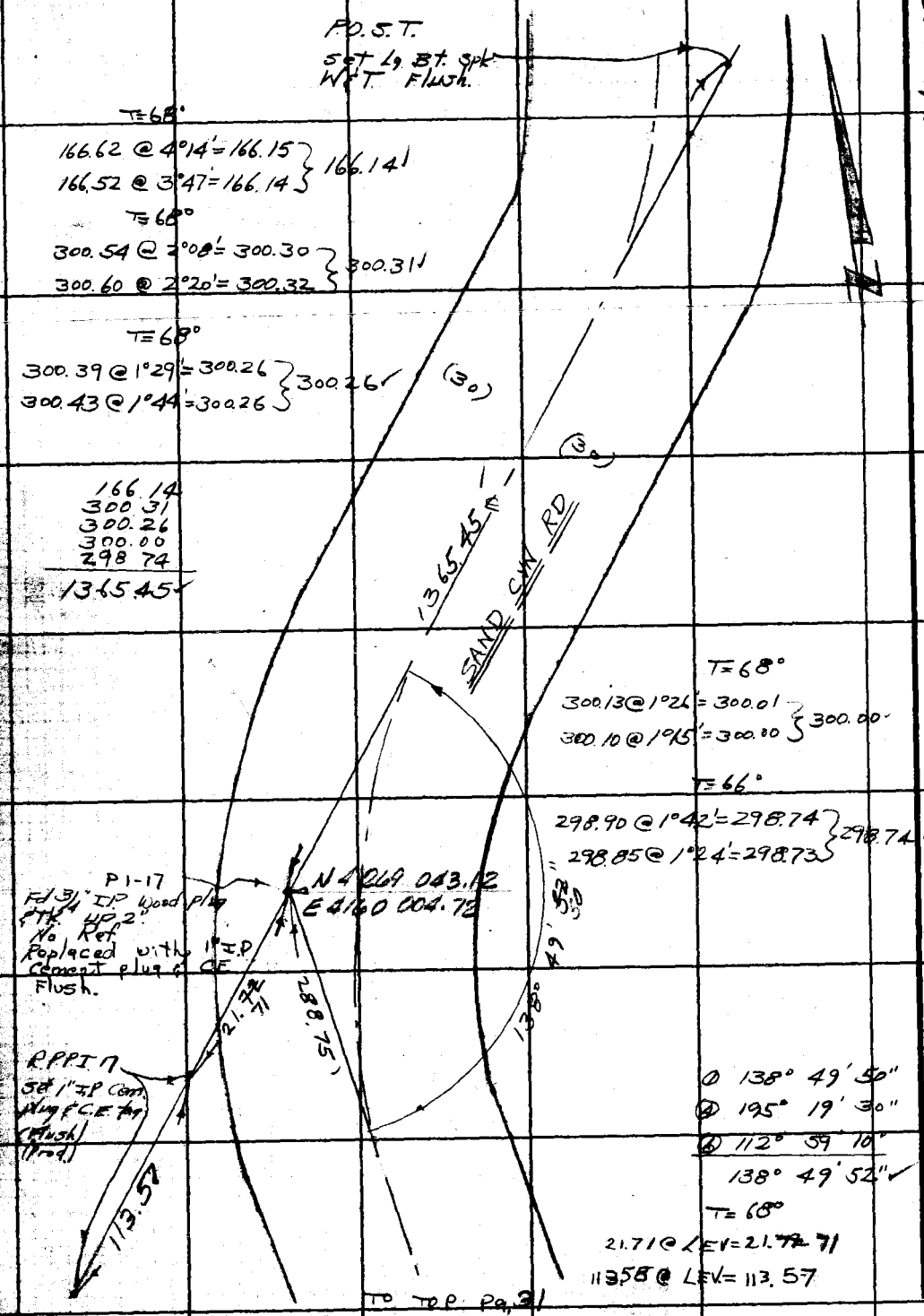


T=68°

166.62 @ 4°14' = 166.15
166.52 @ 3°47' = 166.14 } 166.14

T=68°

300.54 @ 2°08' = 300.30
300.60 @ 2°20' = 300.32 } 300.31

T=68°

300.39 @ 1°29' = 300.26
300.43 @ 1°44' = 300.26 } 300.26

166.14
300.31
300.26
300.00
298.74
1365.45

T=68°

300.13 @ 1°26' = 300.01
300.10 @ 1°15' = 300.00 } 300.00

T=66°

298.90 @ 1°42' = 298.74
298.85 @ 1°24' = 298.73 } 298.74

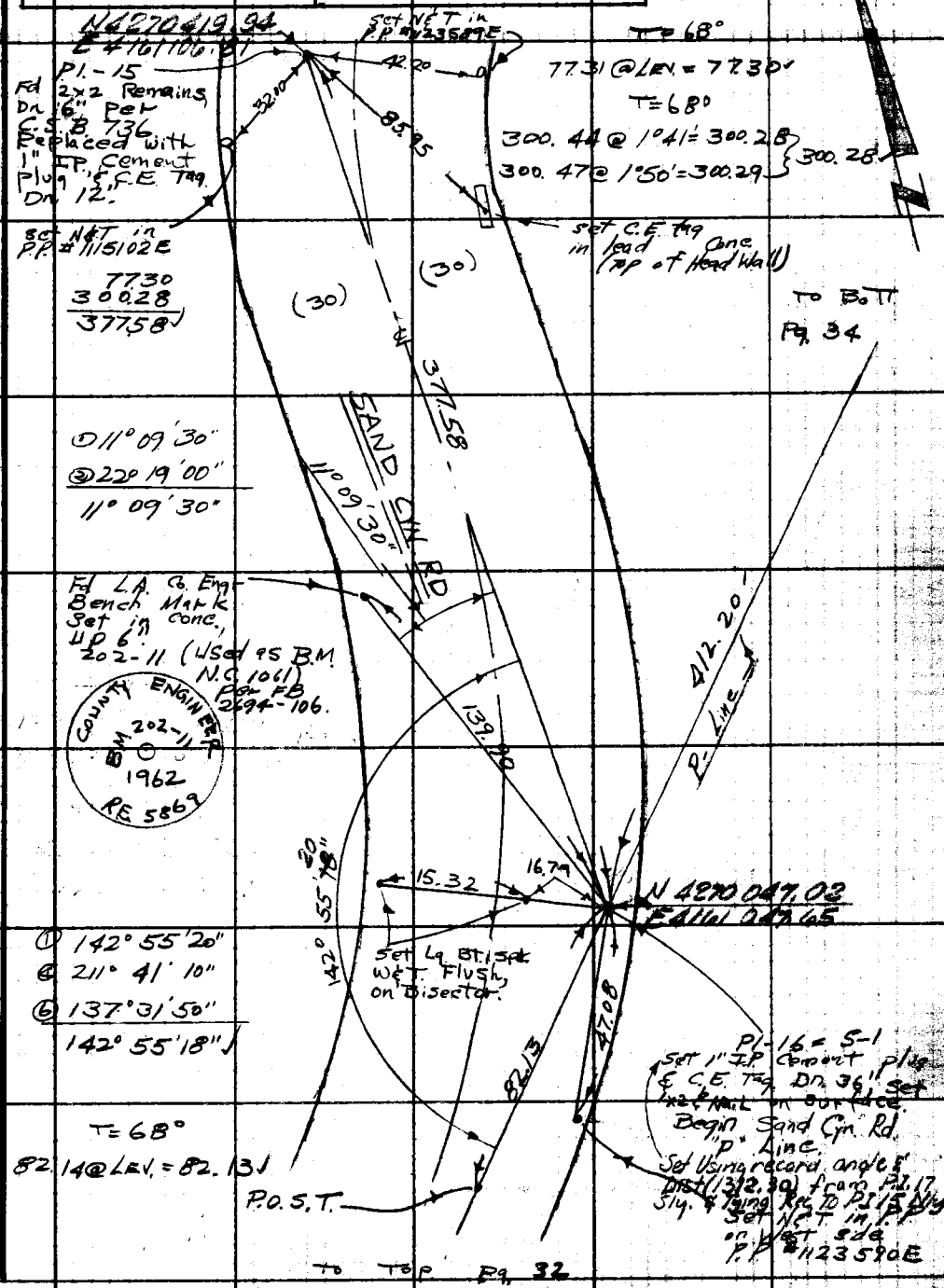
① 138° 49' 50"
④ 195° 19' 30"
⑥ 112° 59' 10"
138° 49' 52"

T=68°

21.71 @ LEV = 21.~~72~~ 71
113.58 @ LEV = 113.57

TO TOP PG. 31

Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd	F. B. 2694 PG. 33
Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W.J. Voge	
Checked	Notes Voge Date 1-2-64	
Date	Indexed C. J. GALLI	



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W.S. 62, D-2

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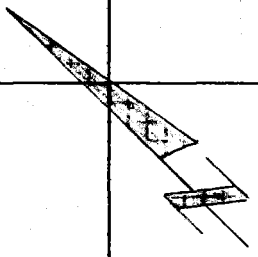
76F3095 CE #310 6-62

F. B. 2694 Pg 34

To Bott. Pg 35



188.80
224.66
413.46

T=66°

194.69 @ 14°07'= 188.79
194.37 @ 13°43'= 188.81 } 188.80

413.46

P Line

T=62°

226.40 @ 7°04'= 224.65
226.53 @ 7°19'= 224.66 } 224.66

S-1A
Set 1x2 & Nail

T=60°

231.28 @ LEV. = 231.24

231.24
180.96
412.20

412.20

T=58°

180.99 @ LEV. = 180.96

To Right Pg 33

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Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd
Map No.	JN 0075.64 Tape 127 Std. 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Vol e Date 2-27-64
Date	Indexed C. J. GALLI

F. B. 2694 Pg. 35

TO Boff. Pg 36

436.08'

S-2A
Set 1x2 & Nail

T = 66°

23639 @ 7°12' = 234.50
23627 @ 6°57' = 234.50 } 234.50

234.50
186.92
421.42'

421.42'

P-Line

T = 66°

18829 @ 6°51' = 186.92
18812 @ 6°26' = 186.91 } 186.92

① 161° 10' 30"
② 284° 42' 10"
③ 247° 03' 20"
161° 10' 33"

T = 56°

23.08 @ Lev. = 23.08'
31.78 @ Lev. = 31.77'

161° 10' 33"

N 4270 619.162
E 4161 642.50

S-2
Set 1" I.P. Cement plug & C.E. Tag. (Flush)

23.08

31.77

413.76'

RP. S-2
Set 1" I.P. Cem. Plug F.C.E. Tag (Flush)
& Bisector

to Top Pg 34

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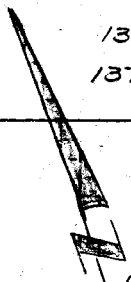
70F3095 C.E. #310 9-62

F. B. 2694 PG 36

To B.H. left
Pg. 37



T = 68°
137.78 @ 8°25' = 136.29
137.90 @ 8°45' = 136.28 } 136.28

136.28
37.17
173.45

T = 66°
37.17 @ LEV = 37.17

R.P. S-3
Set 1" I.P.
Cement plug &
C.E. tag (Flush)
∡ Bisector

34.56

173.45

R.P. S-3
Set 1" I.P.
Cement plug & C.E.
Tag (Flush)
∡ Bisector

S-3
Set 1" I.P. Cement
plug & C.E. Tag.
Flush.

45.80

N 4 271 536.69
E 4 168 115.84

T = 56°
45.80 @ 23°05' = 42.12
38.95 @ 27°00' = 34.56

147°43'52"

174.25

① 147°43'50"
④ 230°55'30"
⑥ 166°23'10"
147°43'52"

T = 66°
175.78 @ 7°32' = 174.24
175.92 @ 7°50' = 174.26 } 174.25

S-2B
Set 1x2 & Nail

T = 66°
299.96 @ 12°35' = 292.72
299.83 @ 12°27' = 292.74 } 292.73

292.73
10.12
133.23
436.08

P. Line

T = 66°
10.12 @ LEV = 10.12

436.08

T = 66°
135.25 @ 9°52' = 133.23
135.11 @ 9°31' = 133.23 } 133.23

TO TOP Pg. 35

W.S. 62, D-1

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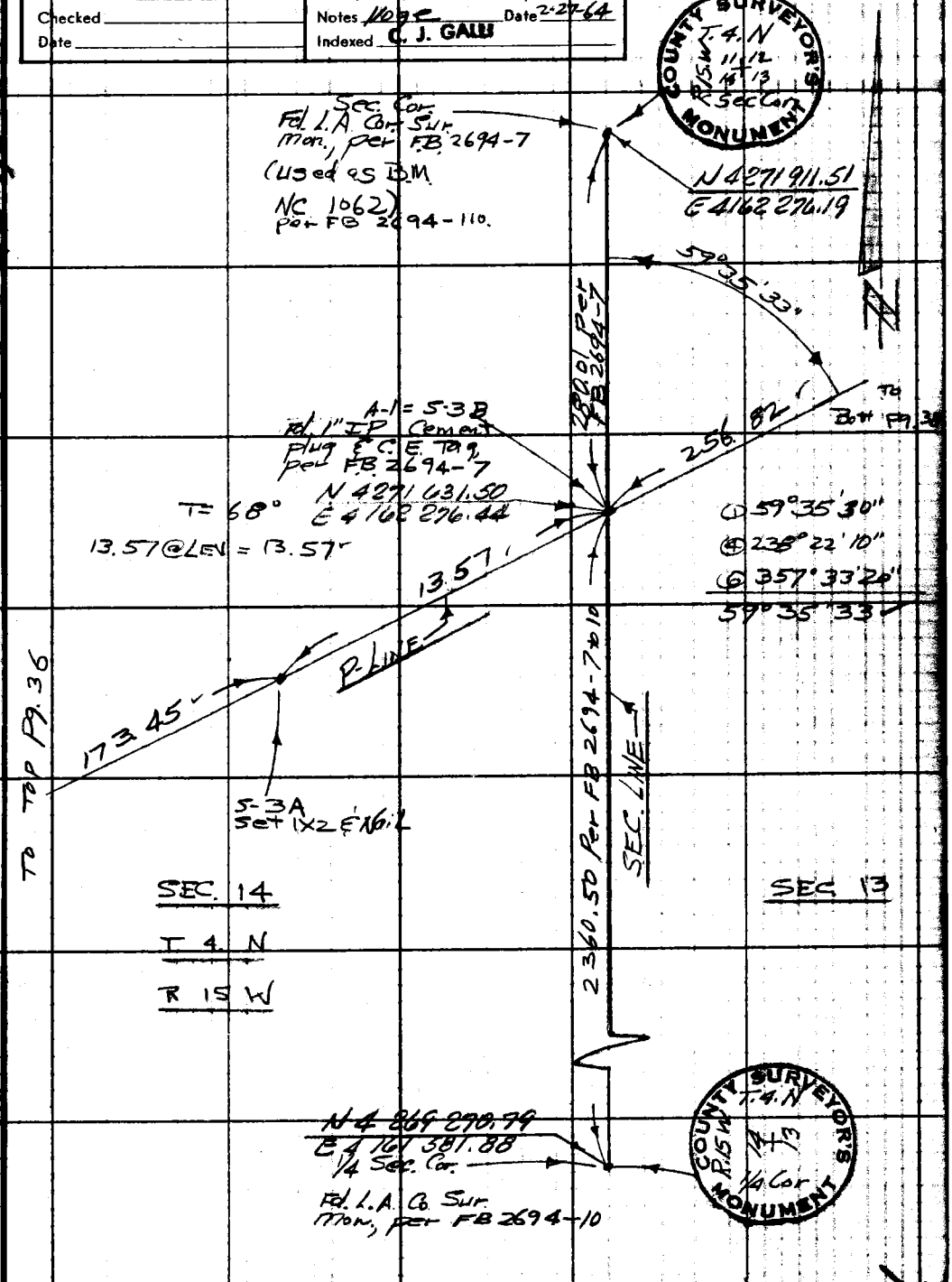
Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd.
Map No.	JN 0075.64 Tape 127 Std 84°F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 2-27-64
Date	Indexed C. J. GALLI

F. B. 2694 Pg. 37



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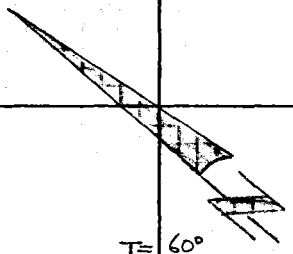
76F309S CE #310 6-62

F. B. 2694 PG. 38

TO Bott Rt Pg. 39



T = 60°

176.85 @ 6°17' = 175.76
176.76 @ 6°02' = 175.75 } 175.76 ✓

T = 62°

140.07 @ 1°57' = 139.97
140.12 @ 2°29' = 139.97 } 139.97 ✓

175.76
139.97
315.73 ✓

315.73 ✓

S-3C
Set 1X2 & Nail

T = 66°

155.36 @ 7°36' = 153.97
155.24 @ 7°18' = 153.96 } 153.96 ✓

153.96
102.86
256.82 ✓

256.82 ✓

℄ LINE

T = 66°

103.61 @ 6°47' = 102.87
103.68 @ 7°09' = 102.86 } 102.86 ✓

TO TOP Rt. Pg. 37

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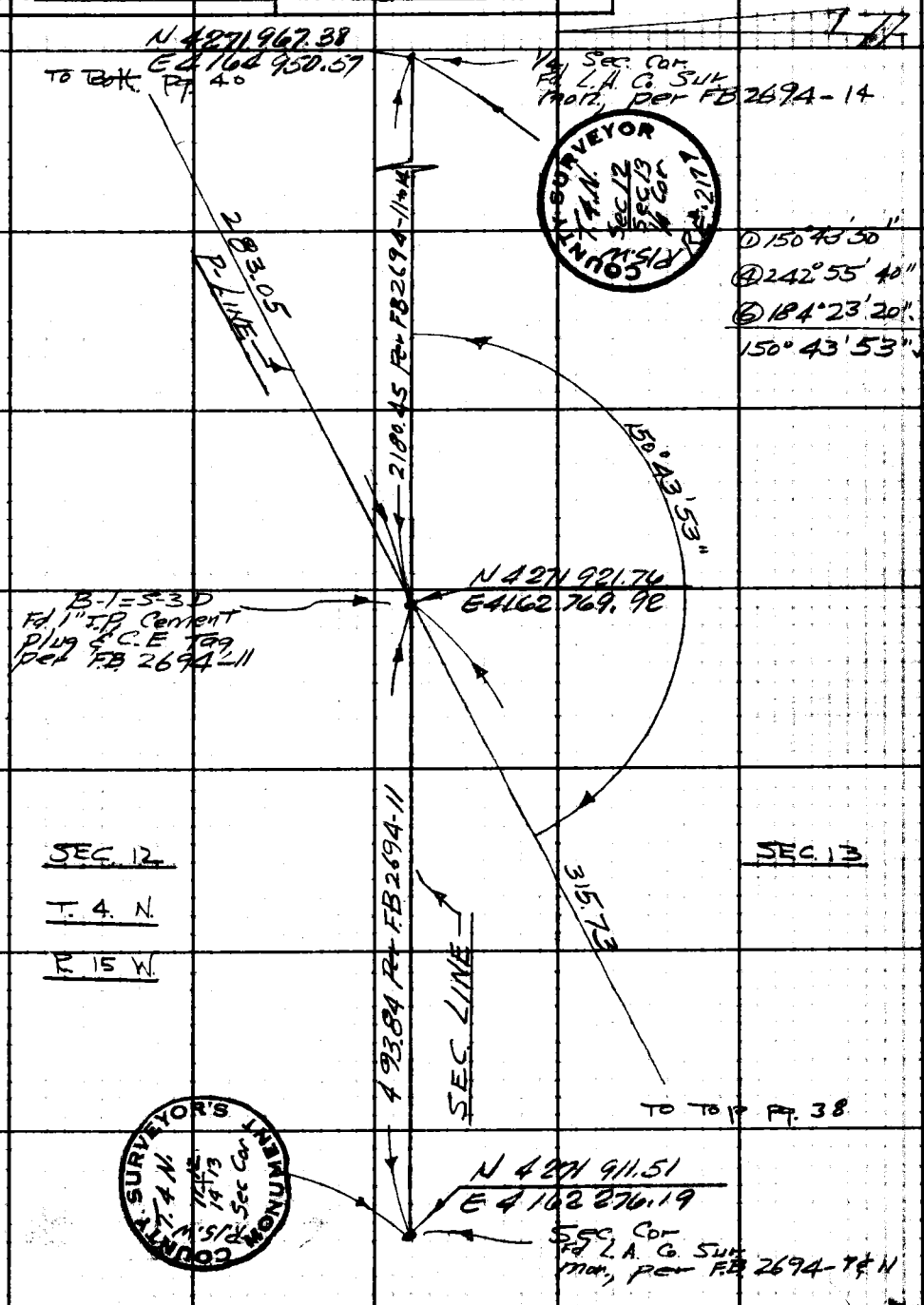
Notes Ck'd by F. CESSOR	Survey of Sand Qn. Rd.	F. B. 2694 PG. 39
Map No.	JN 007564 Tape 127 Std. 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 2-28-64	
Date	Indexed C. I. GALLI	



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76F3095 CE #310 6-62

F. B. 2694 PG 40

W.S. 62, D-1

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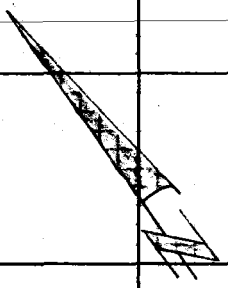
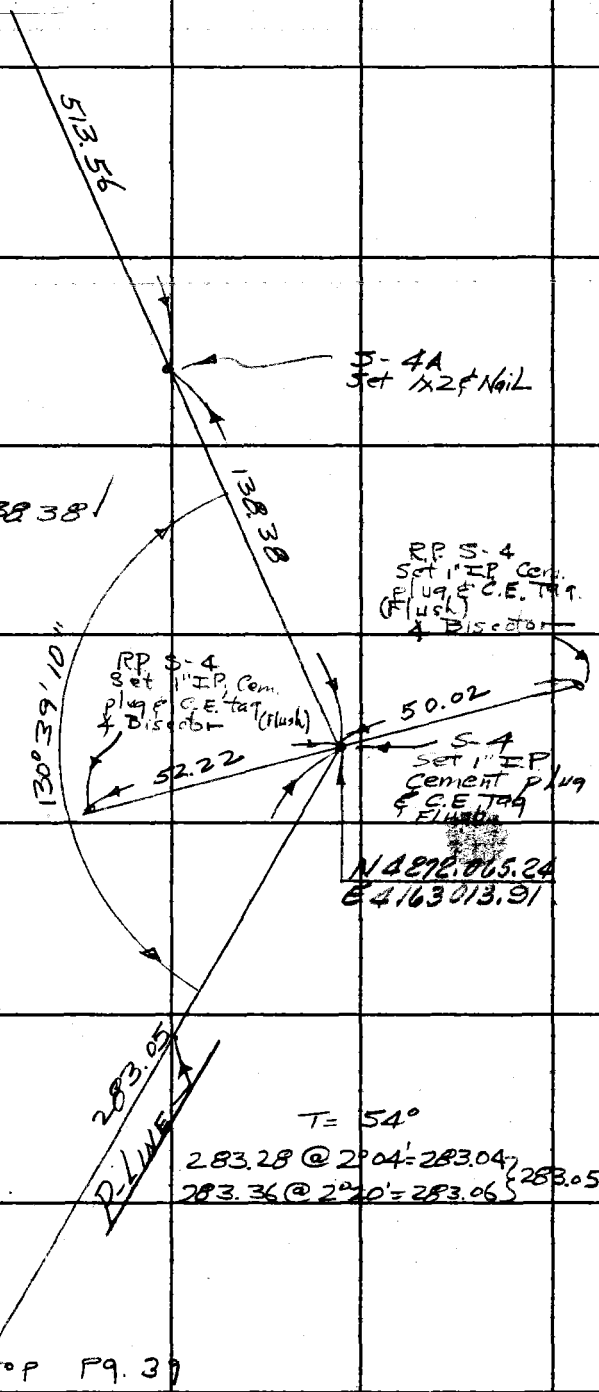
TO Bott. Pg. 41





T= 52°

143.49 @ 15°17' = 138.39
143.25 @ 14°57' = 138.37 } 138.38

① 130°39'10"
④ 162°36'50"
⑥ 63°55'00"
130°39'10"

T= 56°

52.27 @ 16°51' = 50.02
55.21 @ 18°54' = 52.22

T= 54°

283.28 @ 2°04' = 283.04
283.36 @ 2°20' = 283.06 } 283.05

TO TOP Pg. 39

Notes Ck'd by F. CESSOR	Survey of Sand Gn. Rd.	F. B. 2694 PG. 41
Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 3-3-64	
Date	Indexed C. J. GALLI	

To Bott. Pg 42

T= 56°

58.87 @ 31°31' = 50.18

T=54°

119.51 @ LEV = 119.49

① 162° 45' 20"
④ 291° 01' 00"
⑥ 256° 31' 30"
162° 45' 15"

N 4272977.93
E 4163178.03

RP 55
Set 1" I.P. Cem. plug & C.E. Tag (Flush) Set on ∡ Bisector

S-5
Set 1" I.P. Cement plug & C.E. Tag Flush.

T=56°

234.62 @ 2°06' = 234.42

234.42

275.39

35°41'00"

162° 45' 15"

119.49

COUNTY ENGINEER
B.M.
N.C. 1063
R.E. 5869

① 35°41' 00"
② 71°22' 00"
35°41' 00"

T=56°

279.64 @ 9°57' = 275.38
279.81 @ 10°08' = 275.40 } 275.39

B.M. NC 1063
Set L.A. Co. Engr. Mon (Bench Mark) up 3" per FB 2694-113

S-4B
Set 1x2 & Nail.

T=56°

236.45 @ 2°37' = 236.16
236.37 @ 2°15' = 236.15 } 236.16

236.16
277.40
513.56

P-Line

513.56

T=52°

279.73 @ 7°18' = 277.40
279.56 @ 7°02' = 277.40 } 277.40

To Top Pg. 40

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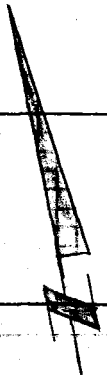
76F309S CE #310 6-62

F. B. 2694 PG. 12

To Bk. Pg 43



344.69

S-5B
Set 1x2 & Nail

T = 60°

158.21 @ 20°19' = 148.35
158.56 @ 20°38' = 148.37 } 148.36

148.36

S-5A
Set 1x2 & Nail

T = 62°

192.17 @ 5°41' = 191.19
192.09 @ 5°25' = 191.20 } 191.20

P-Line

191.20
292.34
483.54

483.54

T = 60°

292.39 @ ELEV. = 292.34

To Top Pg. 41

X

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

Do not extend this side of this line.

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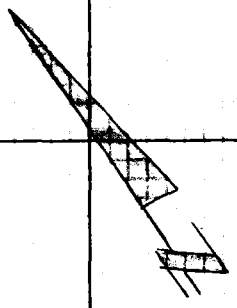
Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd.
Map No.	JN 00 75.64 Tape 127 Std. 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 3-364
Date	Indexed C. J. GALLI

F. B. 2694 PG. 43



TO BOTT PG 44

W.S. 62, D-1

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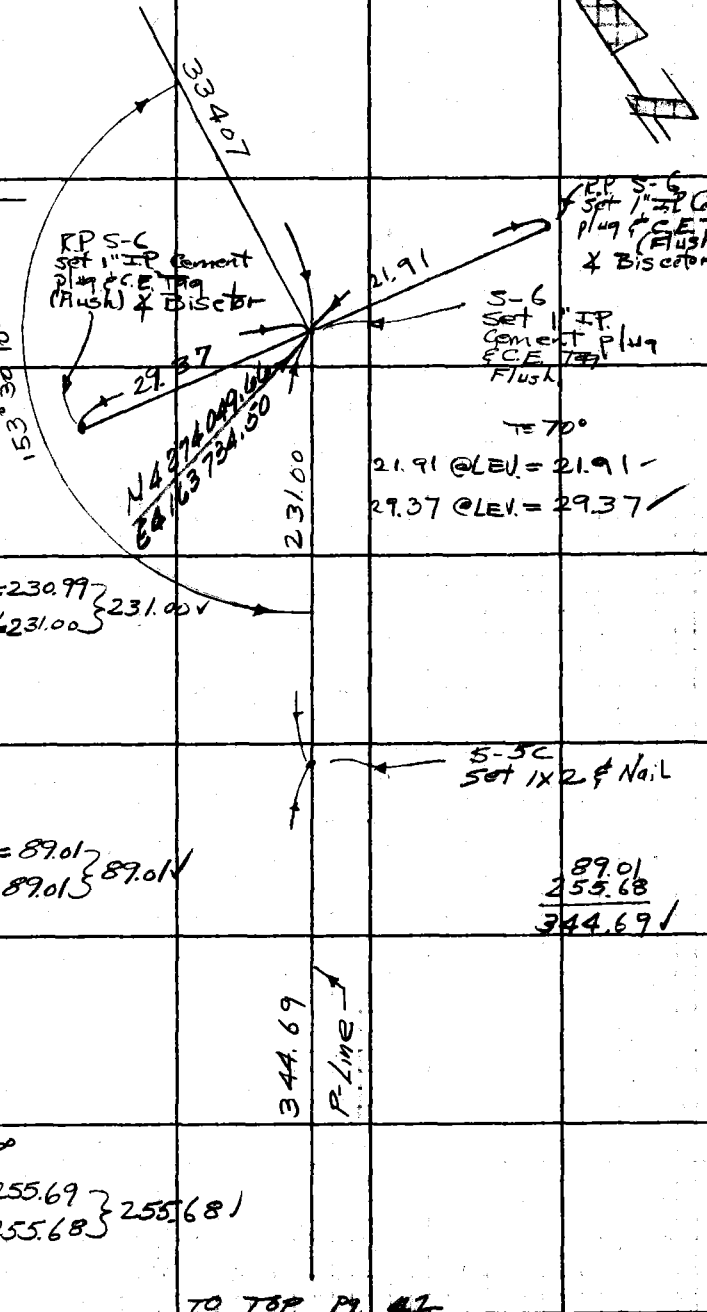
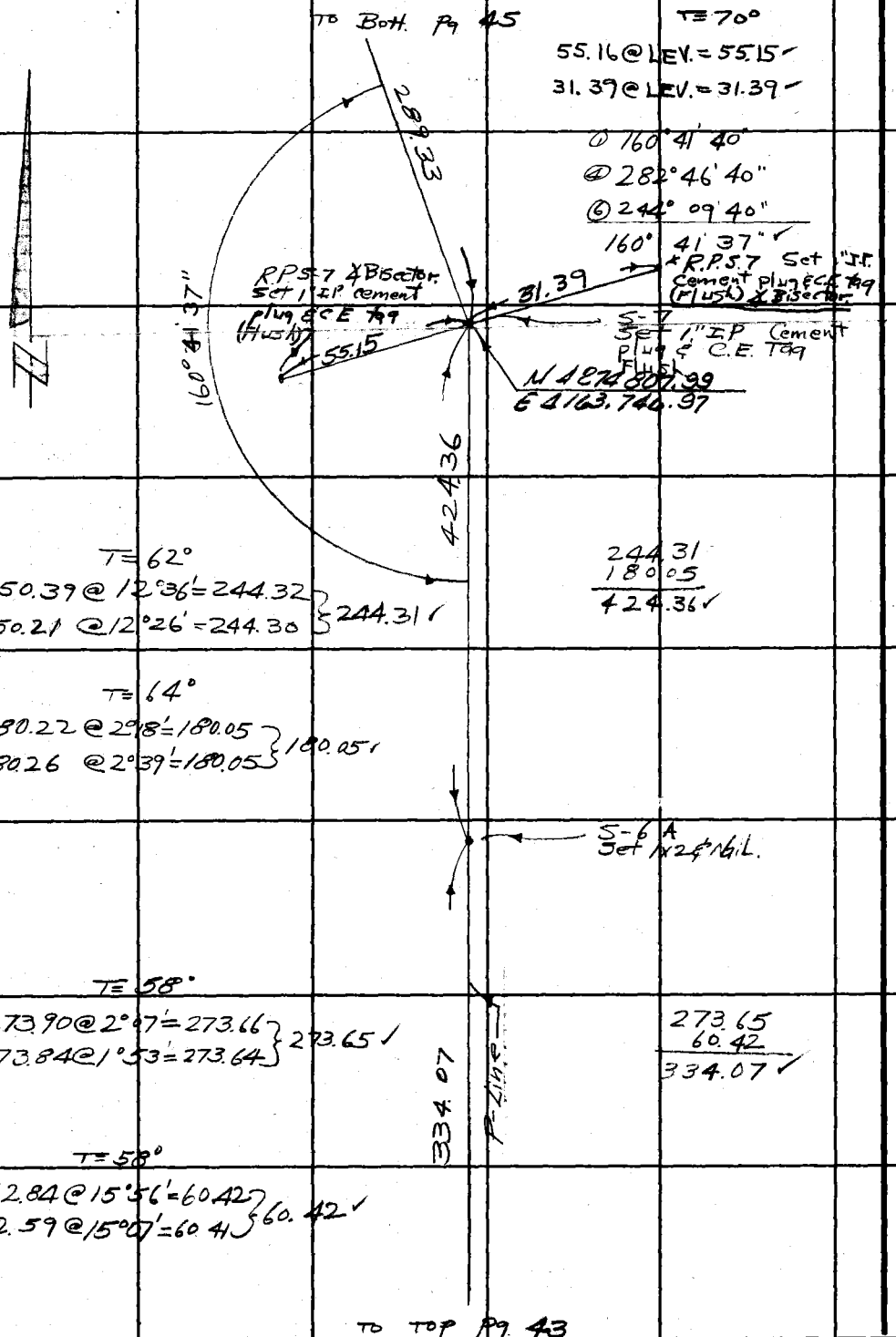


TO TOP PG 42

76F305 CE #310 6-62

F. B. 2694 PG. 44



TO TOP Pg. 43

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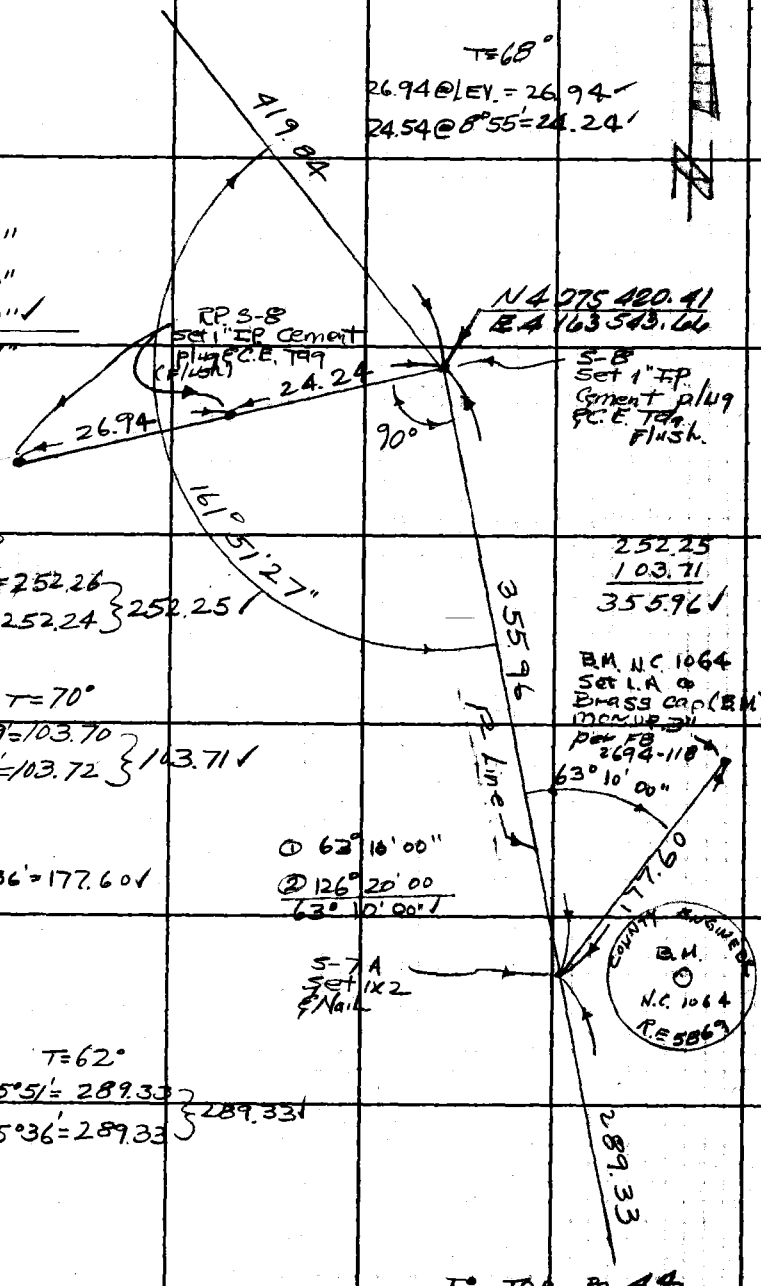
Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd	F. B. 2694 Pg. 45
Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 3-4-64	
Date	Indexed C. J. GALLI	

To Bott Pg. 46



To Top Pg. 44

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W.S. 62, D-1

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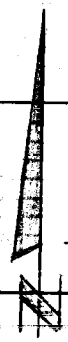
76F309S CE #350 6-62

F. B. 2694 PG 46

TO Bott. Pg 47



T= 58°
87.24 @ 2°40' = 87.14
87.29 @ 3°15' = 87.14
87.14

384.96

87.14
297.82
384.96

T= 58°
298.43 @ 3°29' = 297.83
298.32 @ 3°10' = 297.81
297.82

S-8B
Set 1x2¢ Na.L.

T= 58°
124.66 @ LEV. = 124.64

124.64
263.36
388.00

388.00

P. line

T= 58°
266.20 @ 8°19' = 263.35
266.04 @ 8°03' = 263.37
263.36

S-8A
Set 1x2¢ Na.L.

T= 72°
41.14 @ LEV. = 41.14

41.14
289.05
89.65
419.84

T= 72°
293.52 @ 9°59 = 289.06
293.67 @ 10°10' = 289.04
289.05

419.84

T= 72°
95.02 @ 19°21 = 89.64
94.86 @ 19°03' = 89.66
89.65

TO TOP 89.45

X

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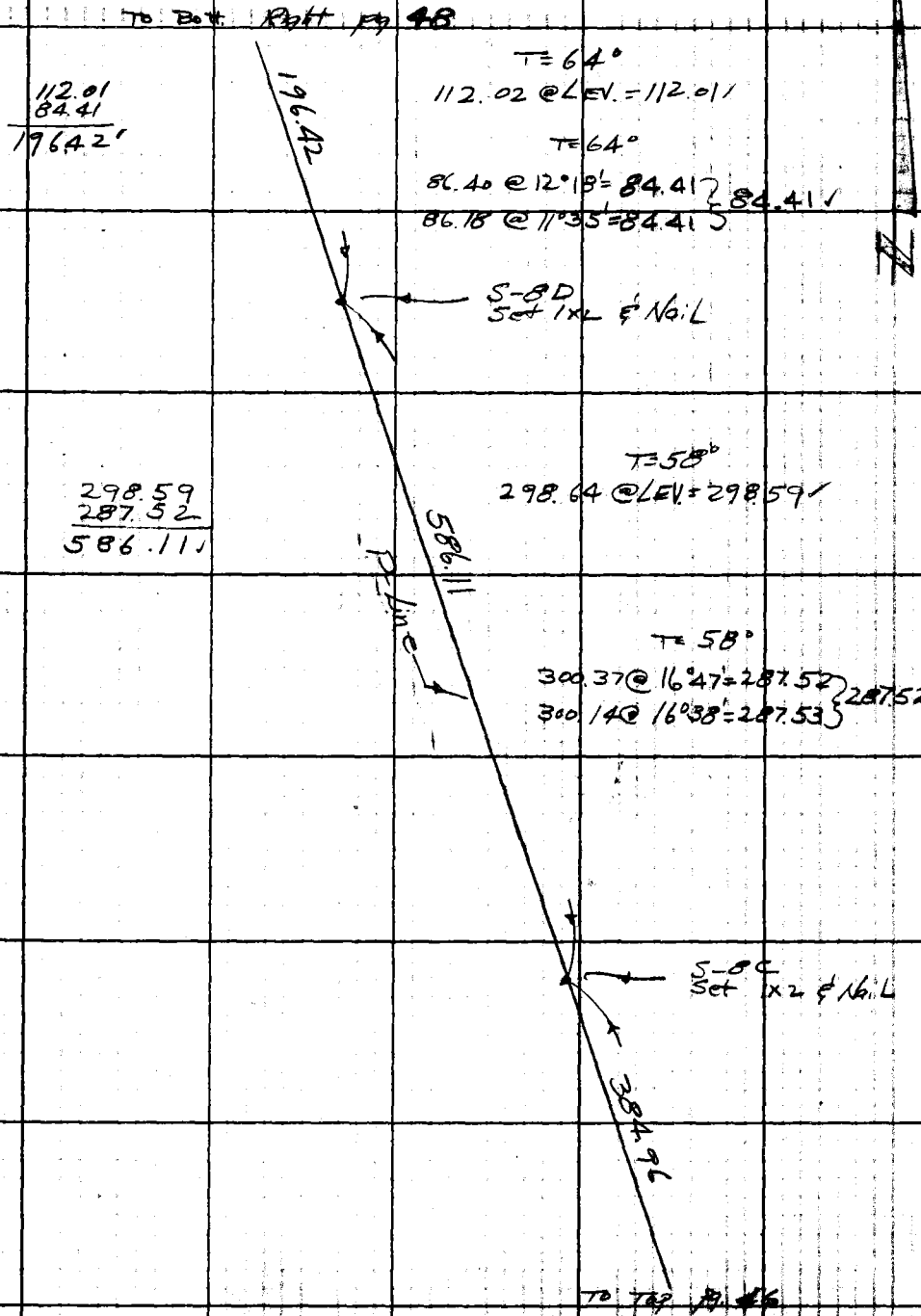
Map No.	JN0075.64 Tape 127 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 3-6-64
Date	Indexed C. J. GALLI

F. B. 2694 Pg. 47

To Bott. Right pg 48



To Top Pg. 46

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76F309S CE #310 6-62

F. B. 2694 PG 48

W.S. 62, D-1

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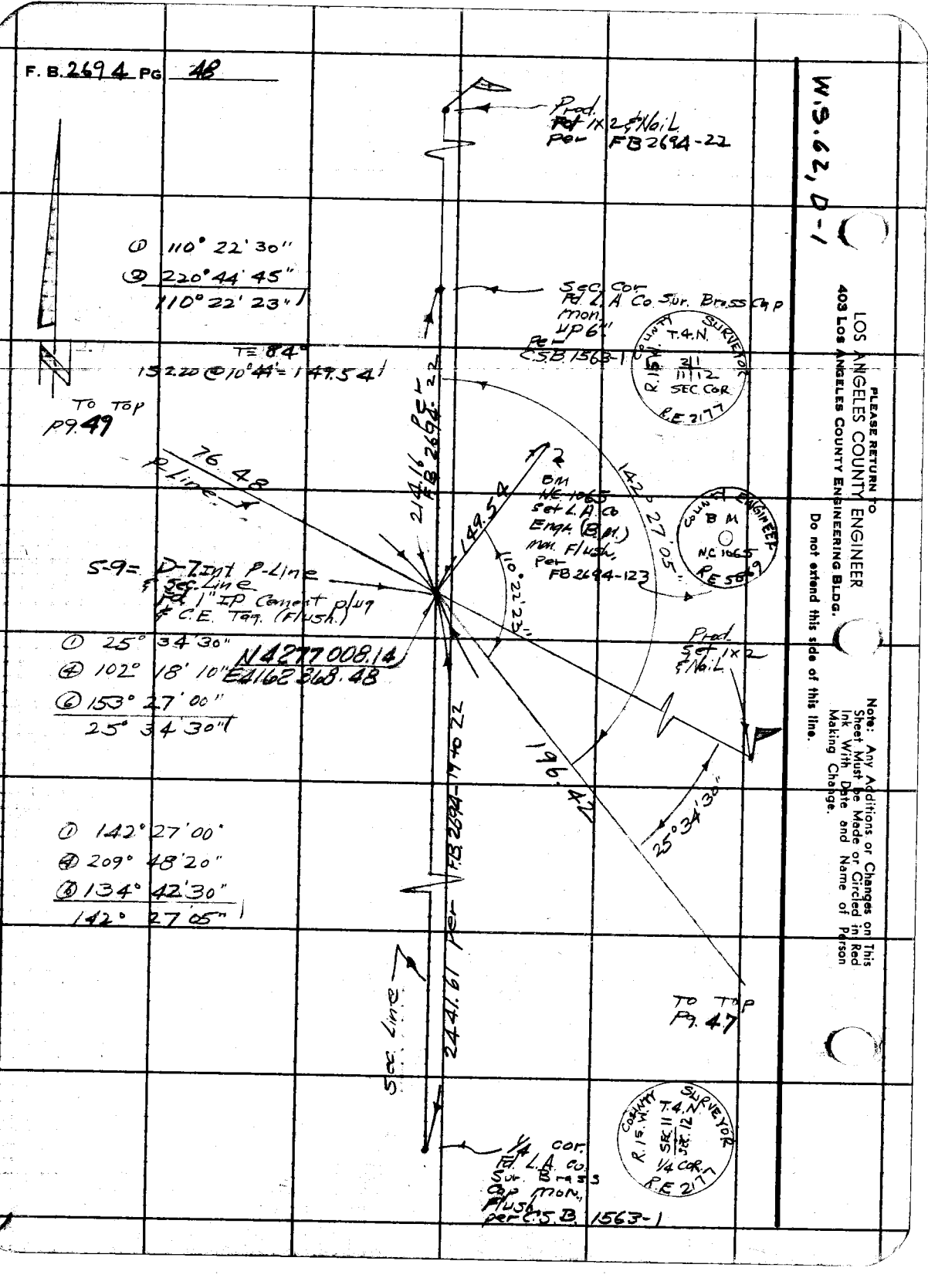
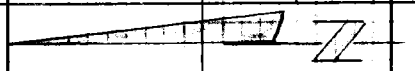


Notes Ck'd by F. CESSOR	Survey of Sand Gn Rd.	F. B. 2694 Pg. 49
Map No.	JN 007564 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 3-10-64	
Date	Indexed C. J. GALLI	



To Top Left
Pg. 48

T = 70°

76.59 @ 2°53' = 76.48
76.57 @ 2°25' = 76.49 } 76.48 ✓

76.48

S-9A
Set 1x2 & Nail

T = 70°

299.36 @ 15°04' = 289.04
299.00 @ 14°48' = 289.05 } 289.04 ✓

① 9°56'10"
④ 39°44'40"
⑥ 59°37'00"
9°56'10" ✓

T = 64°

35.94 @ LEV. = 35.94 ✓

289.04
35.94
324.98 ✓

324.98

9°56'10"

P-Line

To Top Rt
Pg. 50

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76F309S C.E. #310 6-62

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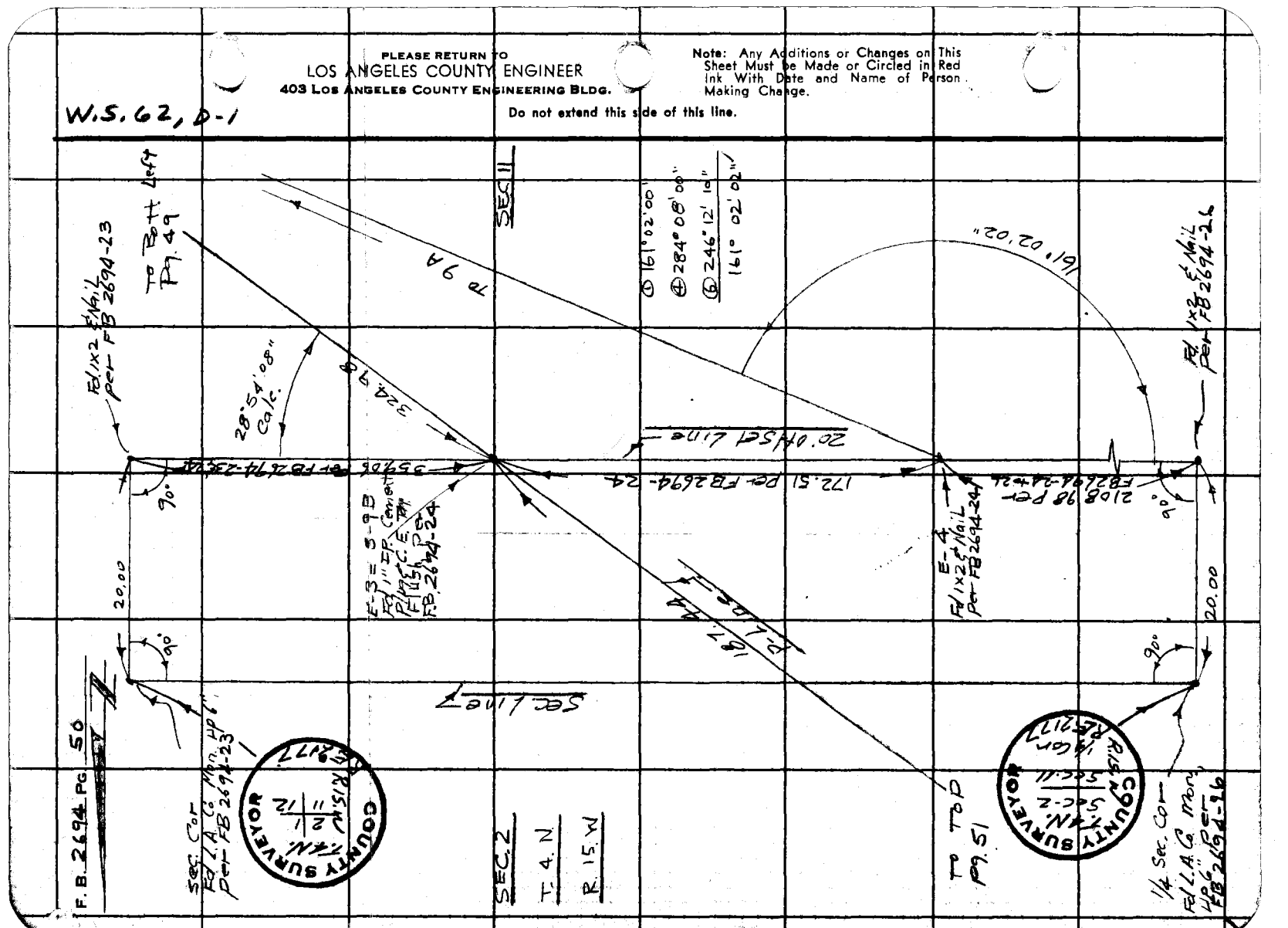
W.S. 62, D-1



Notes Ck'd by	Survey of Sand Cyn Rd	F. B. 2694 Pg. 51
Map No.	JN 00 75 64 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 3-19-64	
Date	Indexed C. J. GALLI	

To Bott left pg. 50

T = 68°

161.11 @ 7°57' = 159.54
161.06 @ 7°47' = 159.56 } 159.55

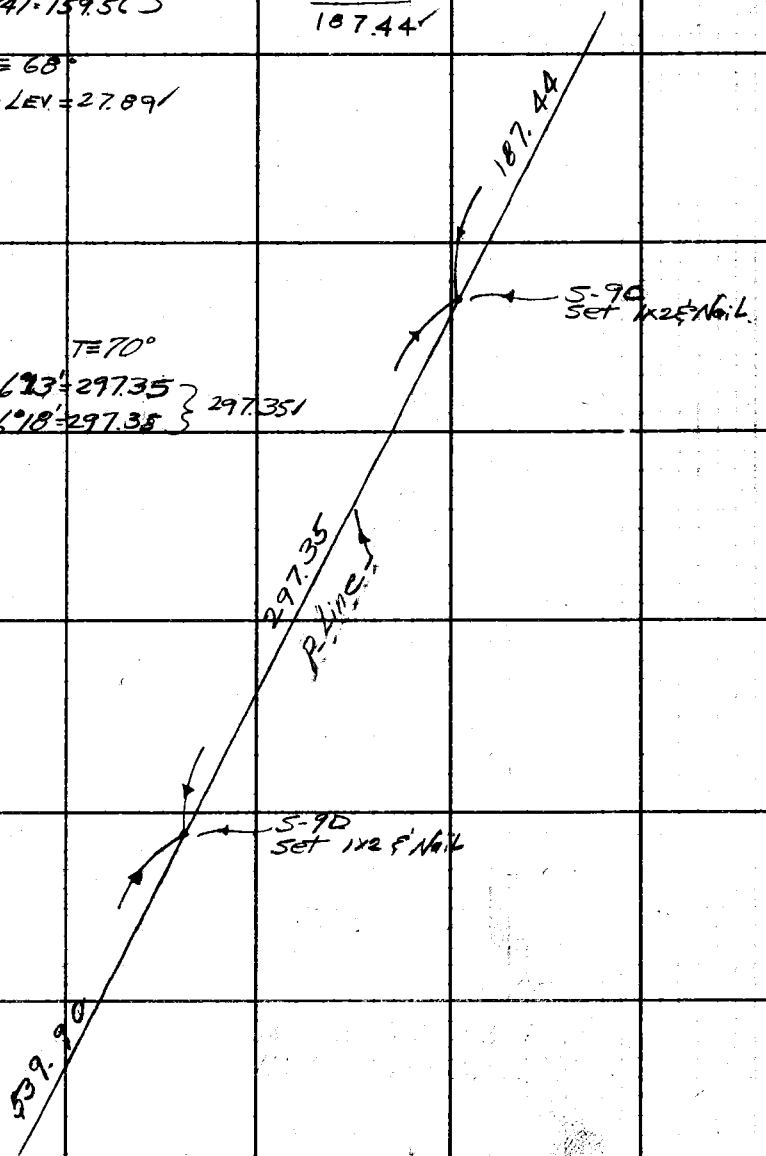
27.89
159.55
187.44

T = 68°

27.89 @ LEV = 27.89

T = 70°

299.14 @ 6°13' = 297.35
299.19 @ 6°18' = 297.35 } 297.35



To Top pg. 52

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76F309S CE #310 6-62

F. B. 2694 PG 52

TO Bott pg 51

T=68°

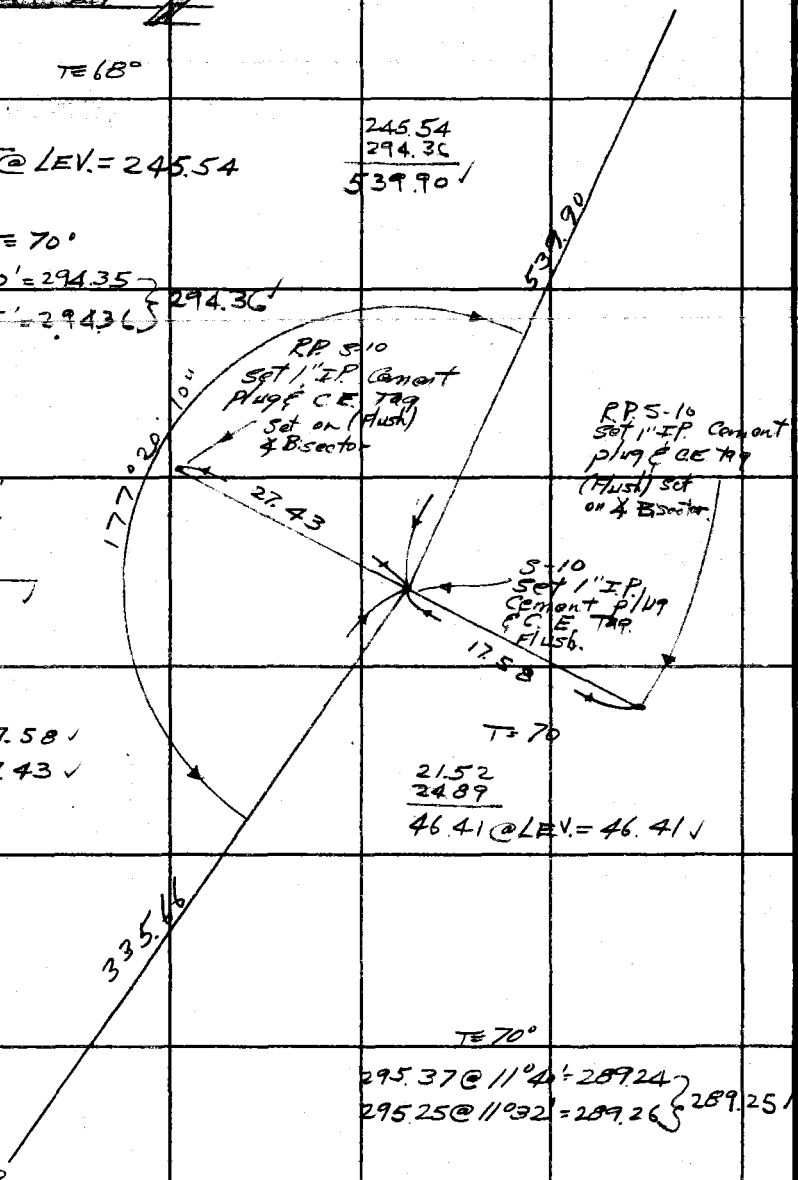
230.46
15.11
245.57 @ LEV. = 245.54

245.54
294.36
539.90 ✓

T=70°

297.78 @ 8°40' = 294.35
297.86 @ 8°45' = 294.36 } 294.36 ✓

① 177°20'10"
② 349°20'40"
③ 344°01'00"
177°20'10" ✓



T=70°

17.58 @ LEV. = 17.58 ✓
27.43 @ LEV. = 27.43 ✓

T=70

21.52
24.89
46.41 @ LEV. = 46.41 ✓

T=70°

295.37 @ 11°40' = 289.24
295.25 @ 11°32' = 289.26 } 289.25 ✓

46.41
289.25
335.66 ✓

TO TOP
Rt. Pg. 53

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52, 79 234-157, 249-157, 264-157

52 A-2

7-12

A-1

25, 27, 28

1-9, 12, 16-19, 33-35, 37-38

B-1

~~1414-89, 91~~

~~5183-133, 134~~

~~1447-7~~

583-60 etc

~~4145-152, 154~~ B+d

1608-36, 41, 42, 52A, 53A, 84, 37, 38, 48-51, 39, 40

1864-89, 102, ~~103~~, 90, 91, 86, 85, 84

3133-81, 103, 78, 100, 76, 98

ROPS 268-50-56

= 1864-82-89

1864-89-91 = 1608 AB 52A

1608-73 = 1608-46

79 - B-5

6-10, 12

583-108-118, 114

1608-30, 73

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234-137

C-2

3-9

B-2

5-6, 8-10

B-1

5-13

434-14, 18, 24, 28, 34, 41, 44, 47, 76

282-66, 63, 64, 139, 47, 48, 132, 45, 43, 130, 42, 129, 72, 77, 78, 14, 60, 137, 89, 135, 45, 58, 133, 143, 144

SAND CANYON RD

249-187

A-3

1, 2, 4, 12-15, 17

A-2

1-6, 10, 11

A-1

1, 2, 5, 8, 9, 13, 18

B 7832-174, 68, 172, 173, 187, 218, 180, 212, 66, 151, 211, 61 etc.

B 2694-170, 247, 172, 173, 238, 248 253, 179 180

3070-5

3172-221

4312-60 see 2694-184 section lines add tips

~~3000-60~~

3062-93, 107, 111, 110, 120, 112, 113

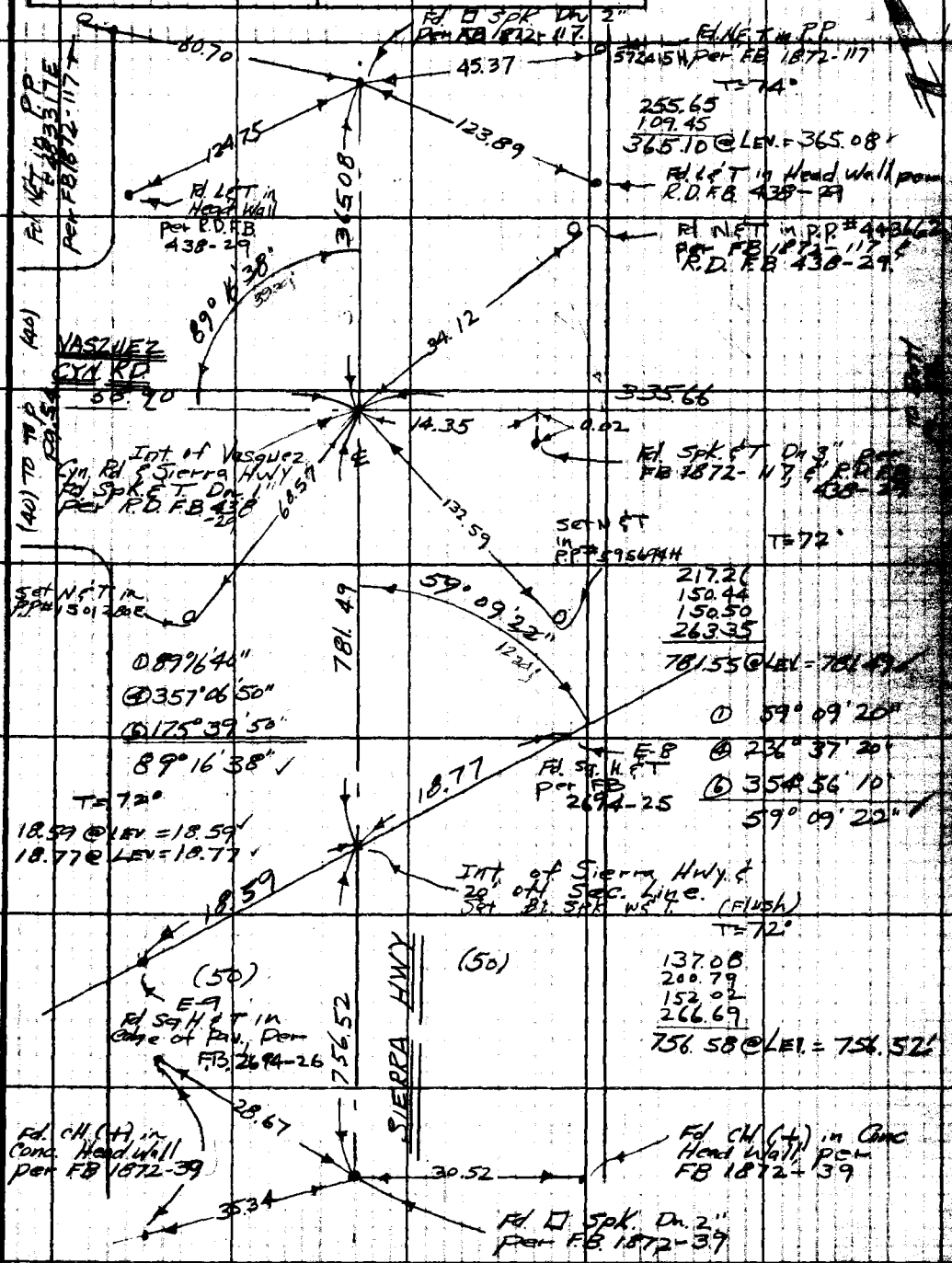
~~3230~~

4358-27-32 increase 11/82 @ placerita Cyn. 2d.

4044-61-63

Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd.
Map No.	JN 0075.64 Tape 127 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 3-20-64
Date	Indexed C. J. GALLI

F. B. 2694 Pg. 53



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76F309S CE #310 6-62

F. B. 2694 PG 54

W.S. 62, D-1

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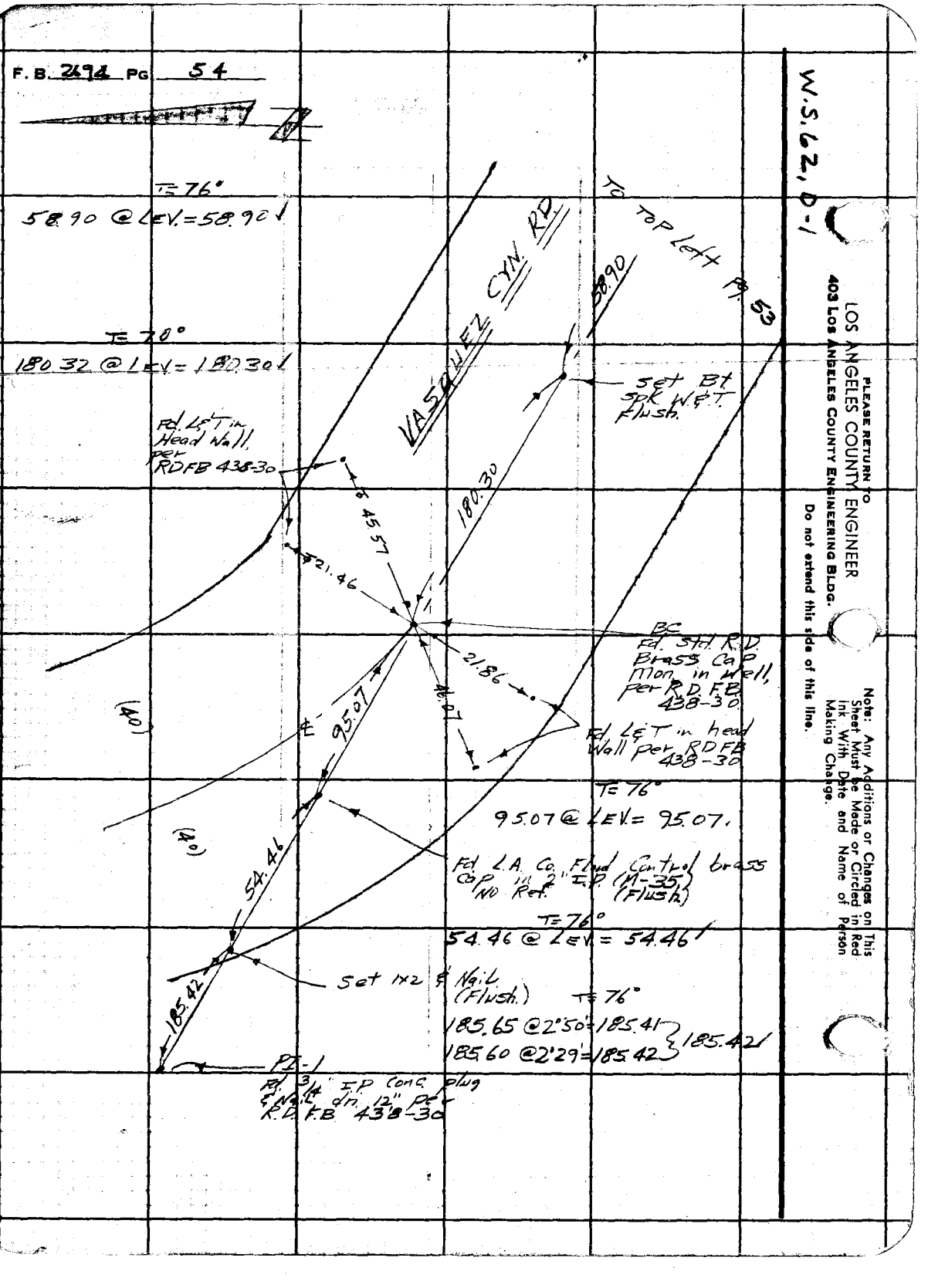

Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd
Map No.	JN 007564 Tape 127 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 4-16-64
Date	Indexed C. J. GALLI

F. B. 2694 Pg. 55

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TILT POINTS FOR SAND CYN. RD PRELIMINARY LINE.

IN 0075.64

Reference Used:
F.B. 2694

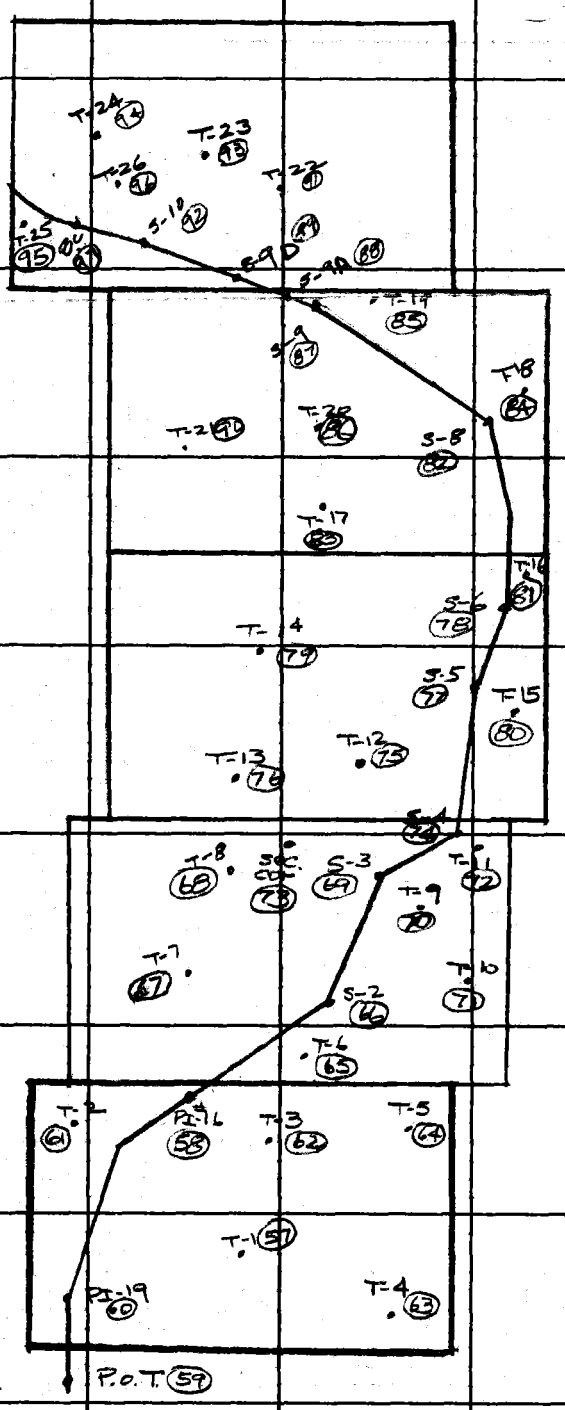
Party:
W. Voge
J. Fulton
R. STrader
I. Rangel

Note: All Vertical angles for Trig. levels are mean angles.

76F3095 C.E. #310 -82

F. B 2694 PG. 56

INDEX



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Office Work
Checked
Date

Survey of Sand Cyn Rd
JN 007564 Tape 127 Std 64 °F
Surveyed by H. J. Voge
Notes Voge Date 4-20-64
Indexed C. J. GALLI

F. B. 2694 Pg. 57

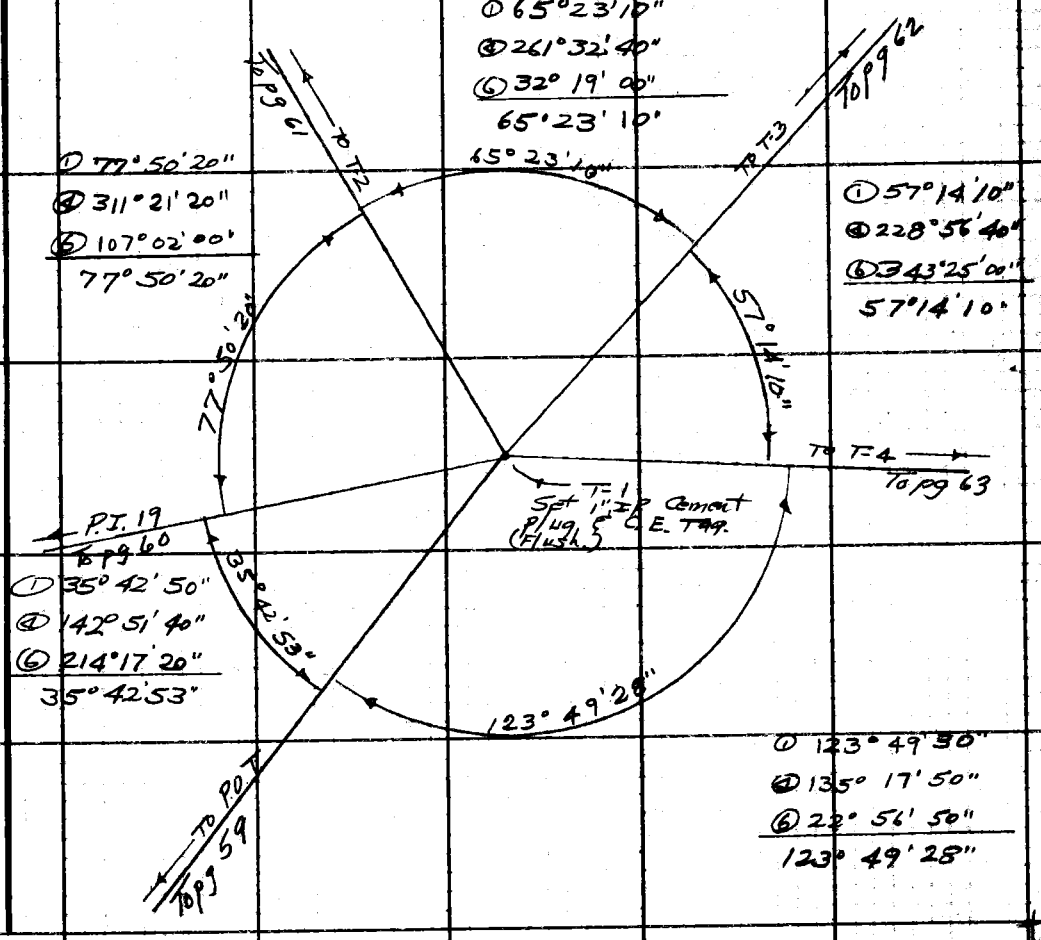
T @ T-1
H.I. = 5.11
Sight on P.O.T.
Rod = 2.00 @ -6°20'50"
Rod = 4.00 @ -6°16'10"

Sight on P.I. 19
Rod = 4.00 @ -9°26'30"
Rod = 6.00 @ -9°20'20"

Sight on T-2
Rod = 2.00 @ -2°59'40"
Rod = 4.00 @ -2°53'00"

Sight on T-3
Rod = 2.00 @ +2°41'20"
Rod = 4.00 @ +2°45'50"

Sight on T-4
Rod = 2.00 @ -6°57'30"
Rod = 4.00 @ -6°52'40"



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F. B. 2694 PG 58

T @ P.I. #16

H.I. = 4.41

Sight on T-2
Rod = 2.00 @ +1°07'40"
Rod = 4.00 @ +1°14'30"

Sight on T-3
Rod = 2.00 @ +11°34'30"
Rod = 4.00 @ +11°43'40"

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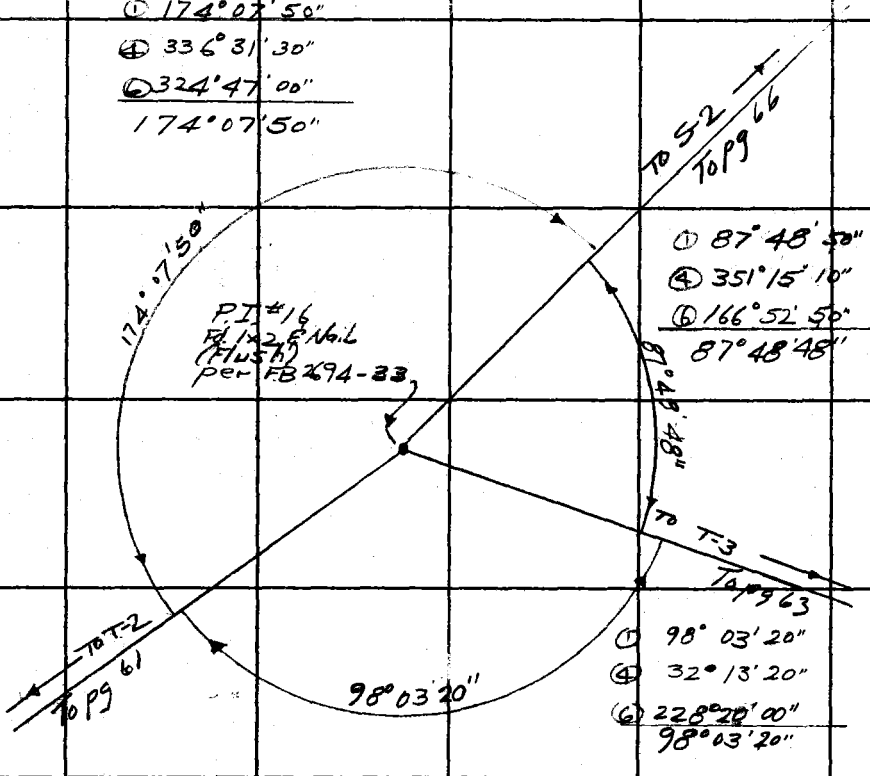

Notes Ck'd by F. OESSOR	Survey of Sand Cyn. Rd.
Map No.	JN 007564 Tape 127 Std 84 °F
Office Work	Surveyed by W. L. Voge
Checked	Notes Voge Date 4-16-69
Date	Indexed C. J. GALLI

F. B. 2694 PG. 59

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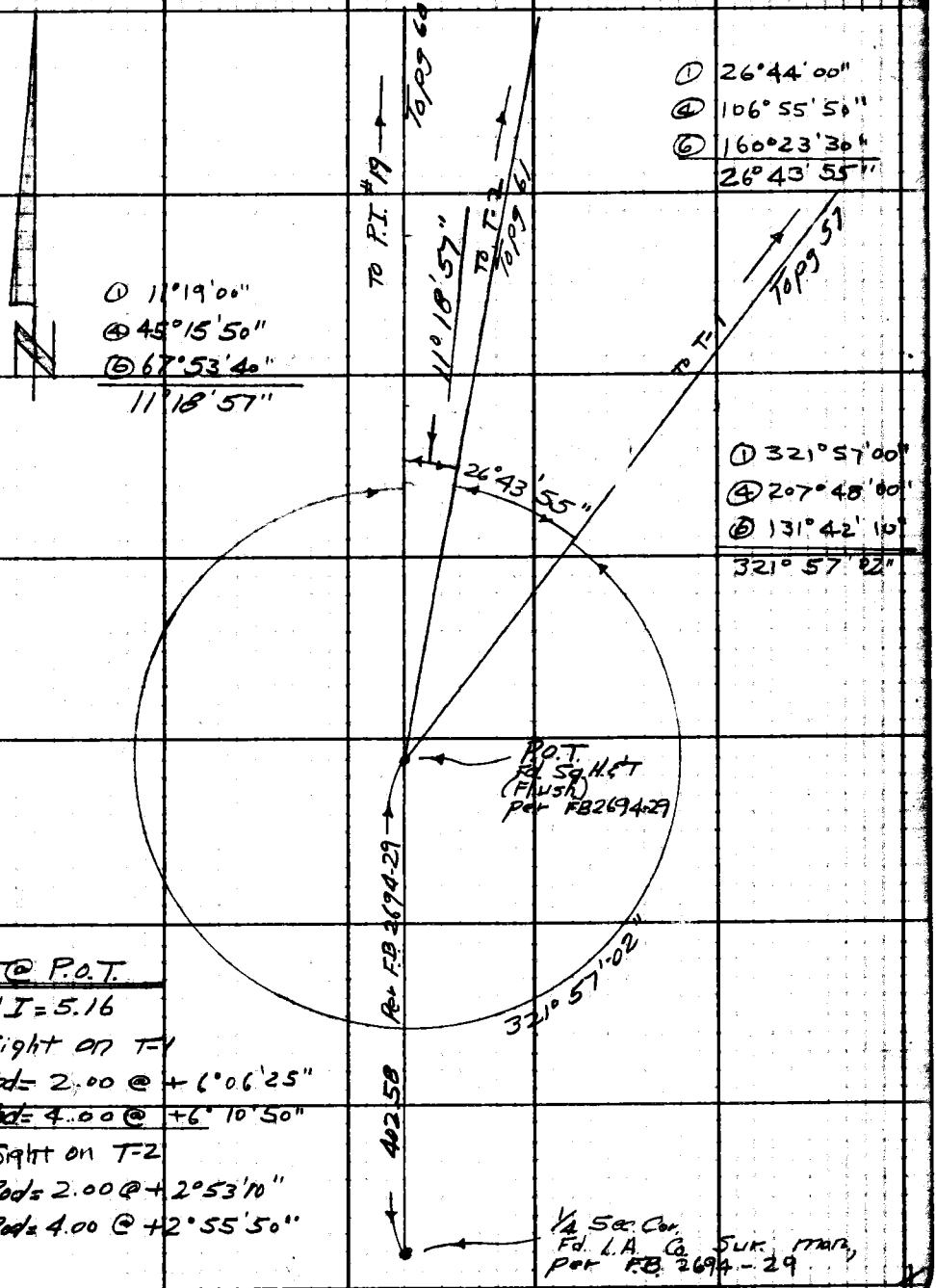
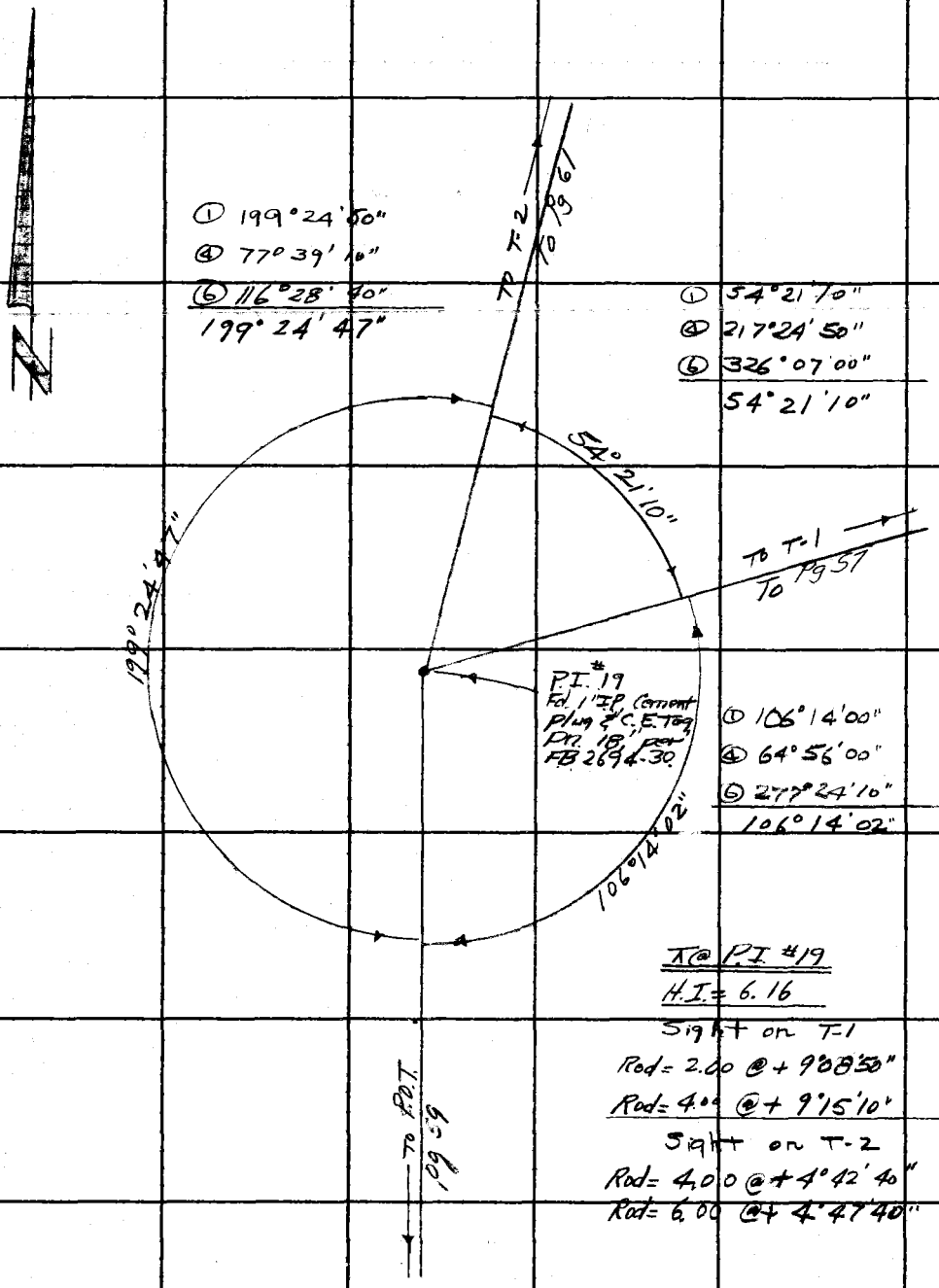
74F3095 C.E. #310 8-82



@ P.O.T.
HI = 5.16
Sight on T-1
Rod = 2.00 @ +6°06'25"
Rod = 4.00 @ +6°10'50"
Sight on T-2
Rod = 2.00 @ +2°53'10"
Rod = 4.00 @ +2°55'50"

F. B. 2694 PG. 60



T @ P.I. #19

H.I. = 6.16

Sight on T-1

Rod = 2.00 @ + 9°08'50"

Rod = 4.00 @ + 9°15'10"

Sight on T-2

Rod = 4.00 @ + 4°42'40"

Rod = 6.00 @ + 4°47'40"

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Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd	F. B. 2694 PG. 61
Map No.	JN 007564 Tape 127 Std 64 °F	
Office Work	Surveyed by W J Voge	
Checked	Notes Voge Date 4-17-64	
Date	Indexed J. GALLI	

T@T-2

H.I = 4.42

Sight on P.O.T.

Rod = 2.00 @ -3°02'20"

Rod = 4.00 @ -2°59'40"

Sight on P.I. 16

Rod = 2.00 @ +1°24'20"

Rod = 4.00 @ -1°18'20"

Sight on P.I. 19

Rod = 6.00 @ - 4°45'10"

Rod = 8.00 @ -4°40'20"

Sight on T-1

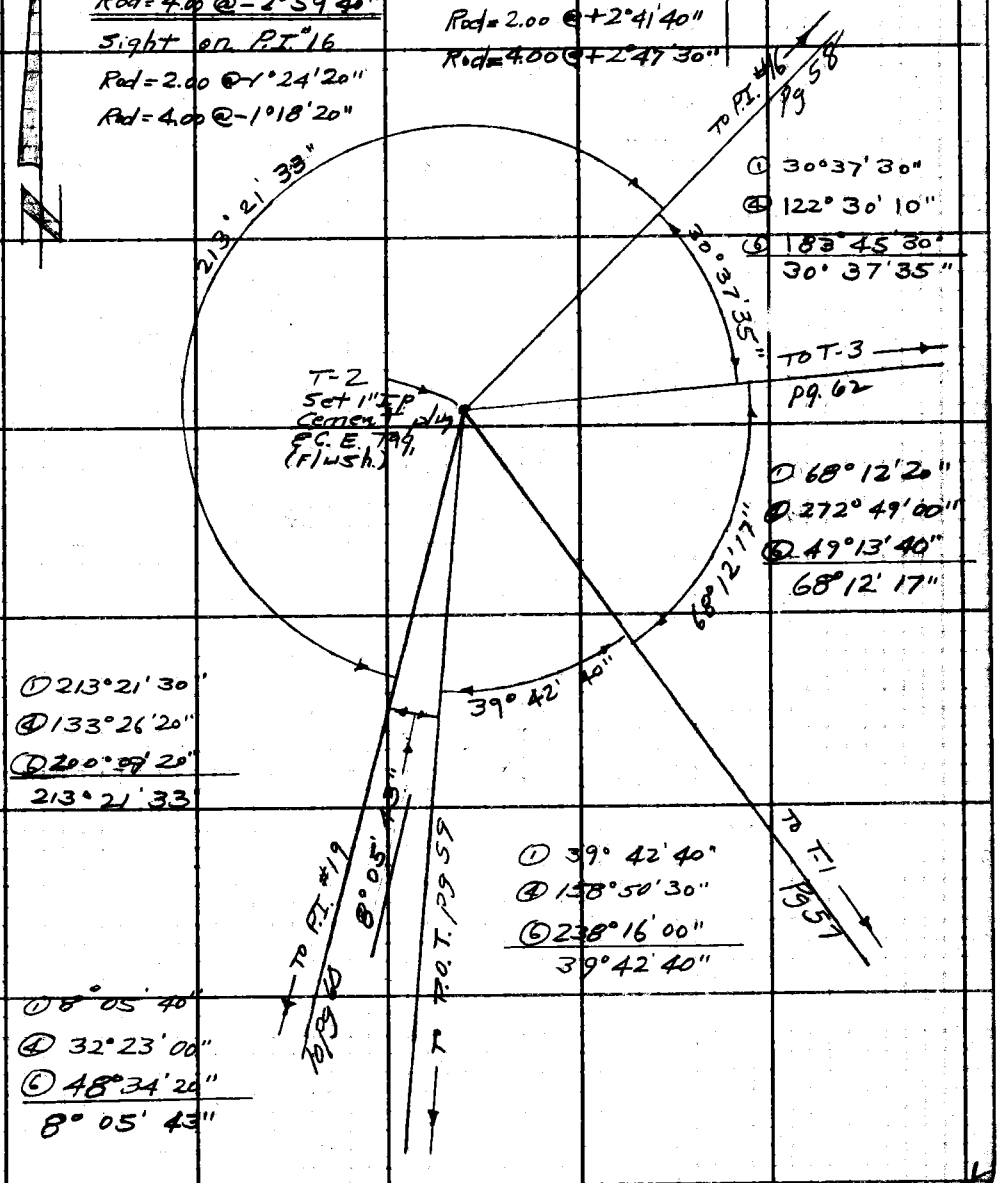
Rod = 2.00 @ +2°41'40"

Rod = 4.00 @ +2°47'30"

Sight on T-3

Rod = 2.00 @ +5°01'20"

Rod = 4.00 @ +5°06'30"



① 30°37'30"
② 122°30'10"
③ 183°45'30"
30°37'35"

① 68°12'20"
② 272°49'00"
③ 49°13'40"
68°12'17"

① 213°21'30"
② 133°26'20"
③ 200°59'20"
213°21'33"

① 39°42'40"
② 138°50'30"
③ 238°16'00"
39°42'40"

① 8°05'40"
② 32°23'00"
③ 48°34'20"
8°05'43"

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76F3095 C.E. #310 6-62

F. B. 2694 PG 62

T@ T-3

H.I. = 5.10

Sight on T-1

Rod = 2.00 @ - 2°57'40"

Rod = 4.00 @ - 2°53'00"

Sight on T-2

Rod = 2.00 @ - 5°15'50"

Rod = 4.00 @ - 5°11'10"

Sight on P.I. #16

Rod = 2.00 @ - 12°00'30"

Rod = 4.00 @ - 11°51'10"

Sight on T-2

Rod = 2.00 @ - 4°21'20"

Rod = 4.00 @ - 4°15'20"

Sight on T-6

Rod = 2.00 @ - 0°31'50"

Rod = 4.00 @ - 0°24'05"

Sight on T-5

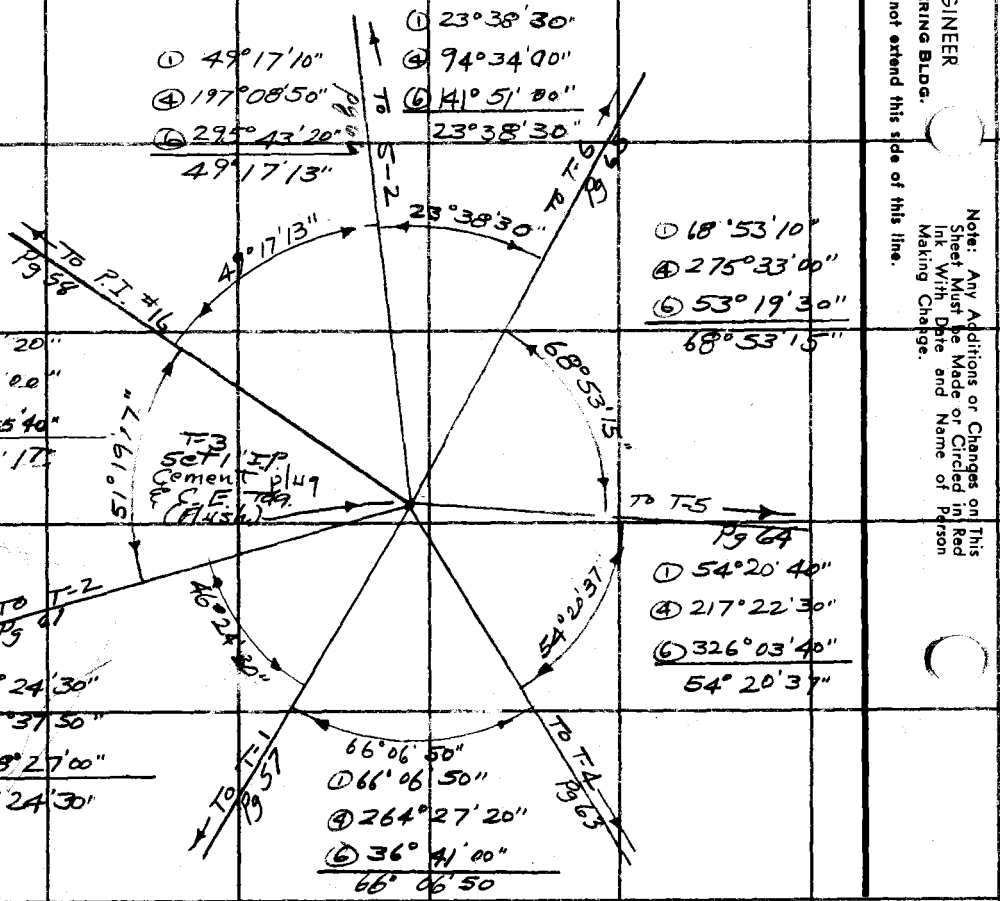
Rod = 2.00 @ - 7°15'10"

Rod = 4.00 @ - 7°09'20"

Sight on T-4

Rod = 2.00 @ - 10°16'45"

Rod = 4.00 @ - 10°12'35"



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Notes Ck'd by F. CESSOR	Survey of Sand Gn Rd	F. B. 2694 Pg. 63
Map No.	JN 07564 Tape 127 Std. 84 °F	
Office Work	Surveyed by W-1 Voge	
Checked	Notes Voge Date 4-2064	
Date	Indexed C. J. GALLI	

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Do not extend this side of this line.

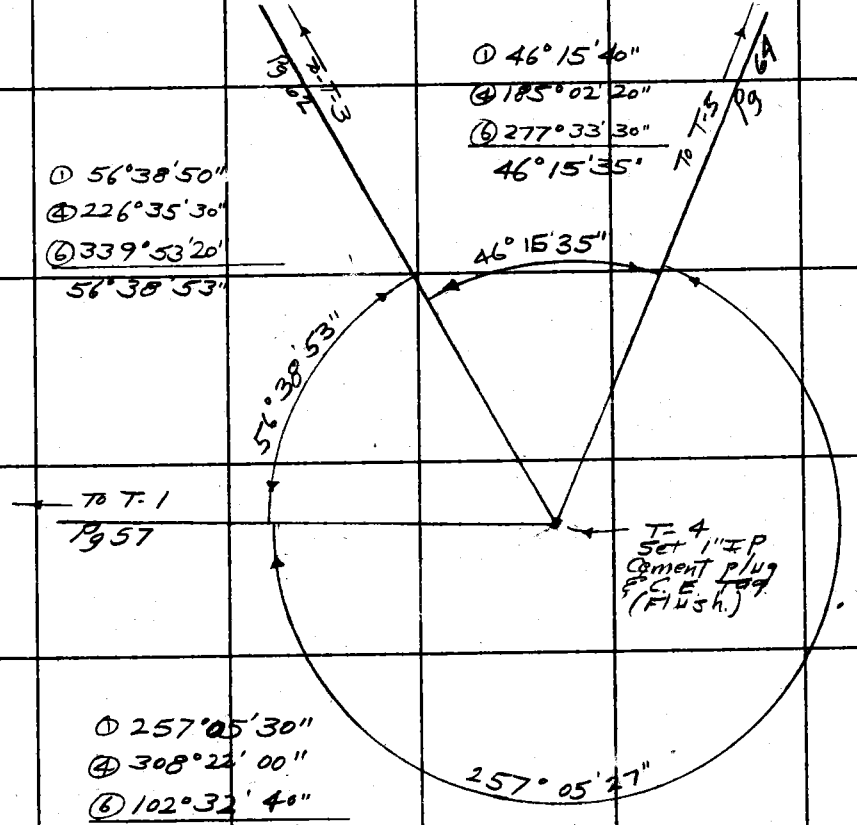
T@T-4

H.I. = 5.00

Sight on T-1
Rod = 6.00 @ +6°51'00"
Rod = 8.00 @ +6°54'50"

Sight on T-3
Rod = 2.00 @ +10°01'40"
Rod = 4.00 @ +10°06'30"

Sight on T-5
Rod = 2.00 @ +5°54'50"
Rod = 4.00 @ +6°00'20"



F. B. 2694 PG. 64

PI @ T-5

H.I. = 4.43

Sight on T-3

Rod = 2.00 @ + 6°56'30"

Rod = 4.00 @ + 7°02'50"

Sight on T-4

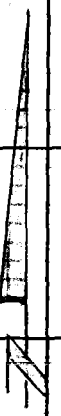
Rod = 2.00 @ - 6°11'20"

Rod = 4.00 @ - 6°05'15"

Sight on T-6

Rod = 2.00 @ + 6°35'40"

Rod = 4.00 @ + 6°41'20"



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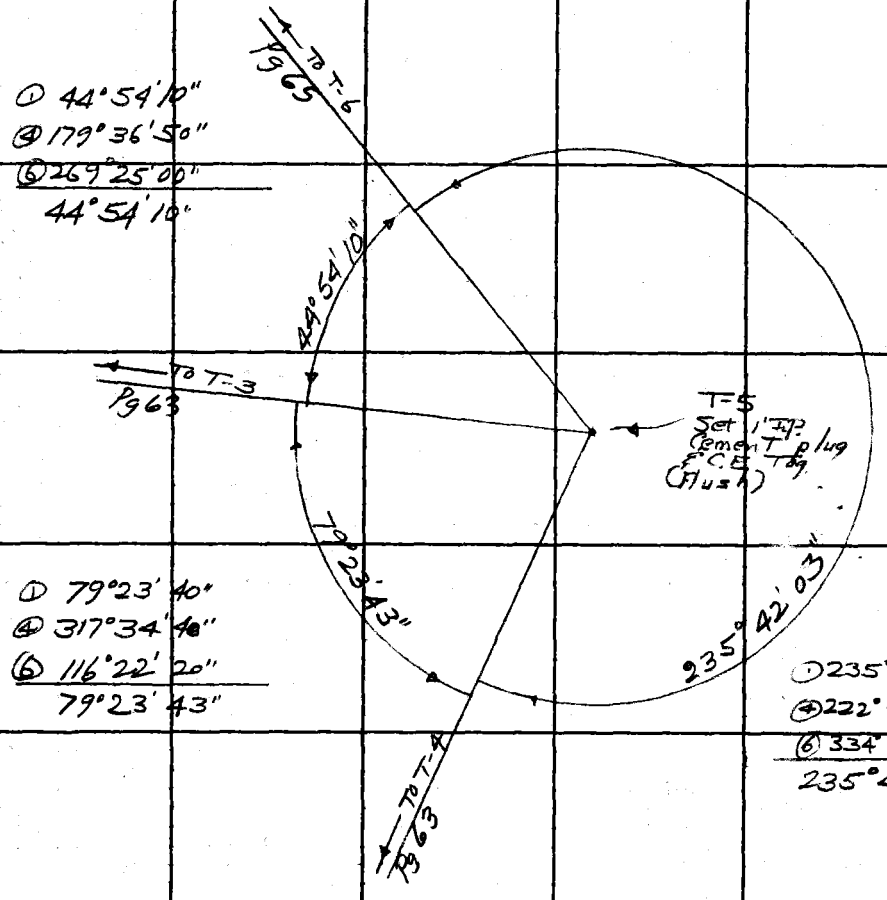


① 44°54'10"
④ 179°36'50"
⑥ 269°25'00"
44°54'10"

① 79°23'40"
④ 317°34'46"
⑥ 116°22'20"
79°23'43"

① 235°42'00"
④ 222°48'00"
⑥ 334°12'20"
235°42'03"

Notes Ck'd by F. CESSOR	Survey of Sand Gyn Rd		F. B. 2694 PG. 65
Map No.	JN 0075.64 Tape 127 Std 84 °F		
Office Work	Surveyed by W J Voge		
Checked	Notes Voge Date 4-22-64		
Date	Indexed E. J. GALLI		

A @ T-6

H.I. = 5.03

Sight on S-2
Rod = 4.00 @ −9°20'10"
Rod = 6.00 @ −9°06'10"

Sight on T-3
Rod = 2.00 @ +0°05'10"
Rod = 4.00 @ +0°13'50"

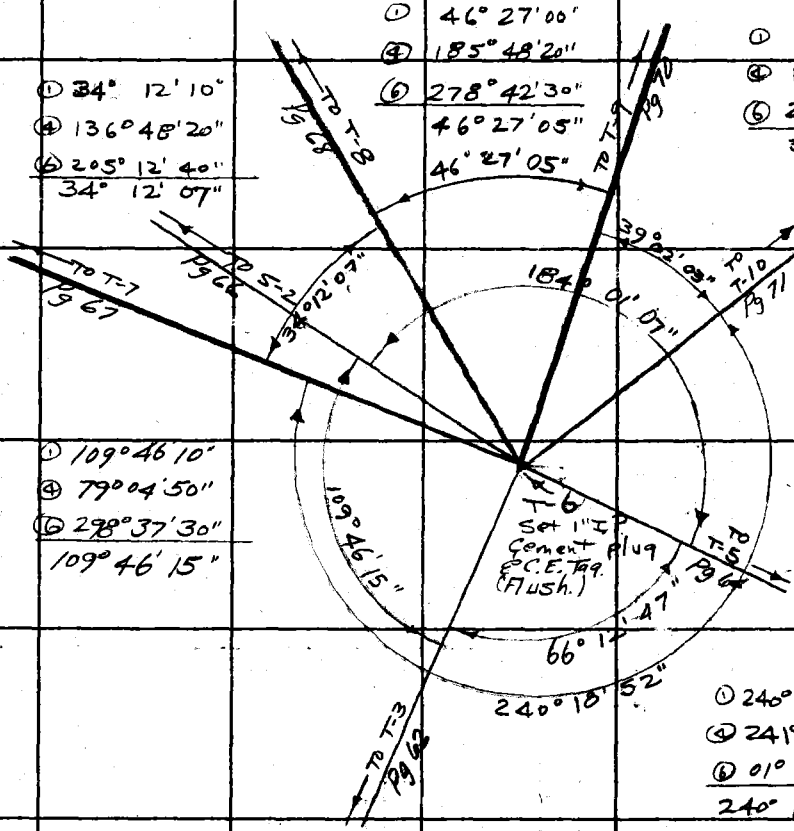
Sight on T-5
Rod = 2.00 @ −6°53'30"
Rod = 4.00 @ −6°47'05"

Sight on T-7
Rod = 2.00 @ −1°14'05"
Rod = 4.00 @ −1°07'35"

Sight on T-8
Rod = 2.00 @ +0°43'40"
Rod = 4.00 @ +0°47'50"

Sight on T-9
Rod = 4.00 @ +2°30'20"
Rod = 6.00 @ +2°35'30"

Sight on T-10
Rod = 2.00 @ +1°13'40"
Rod = 4.00 @ +1°17'30"



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76F309S CE #310 6-62

F. B. 2694 PG. 66

T @ S-2

H.I = 4.43

Sight on T-3

Rod = 2.00 @ +4°03'15"

Rod = 4.00 @ +4°09'00"

Sight on T-6

Rod = 6.00 @ +9°23'35"

Rod = 8.00 @ +9°38'00"

Sight on T-7

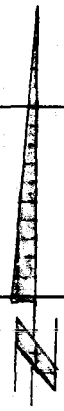
Rod = 2.00 @ +4°45'20"

Rod = 4.00 @ +4°56'00"

Sight on T-8

Rod = 2.00 @ +5°03'30"

Rod = 4.00 @ +5°10'00"



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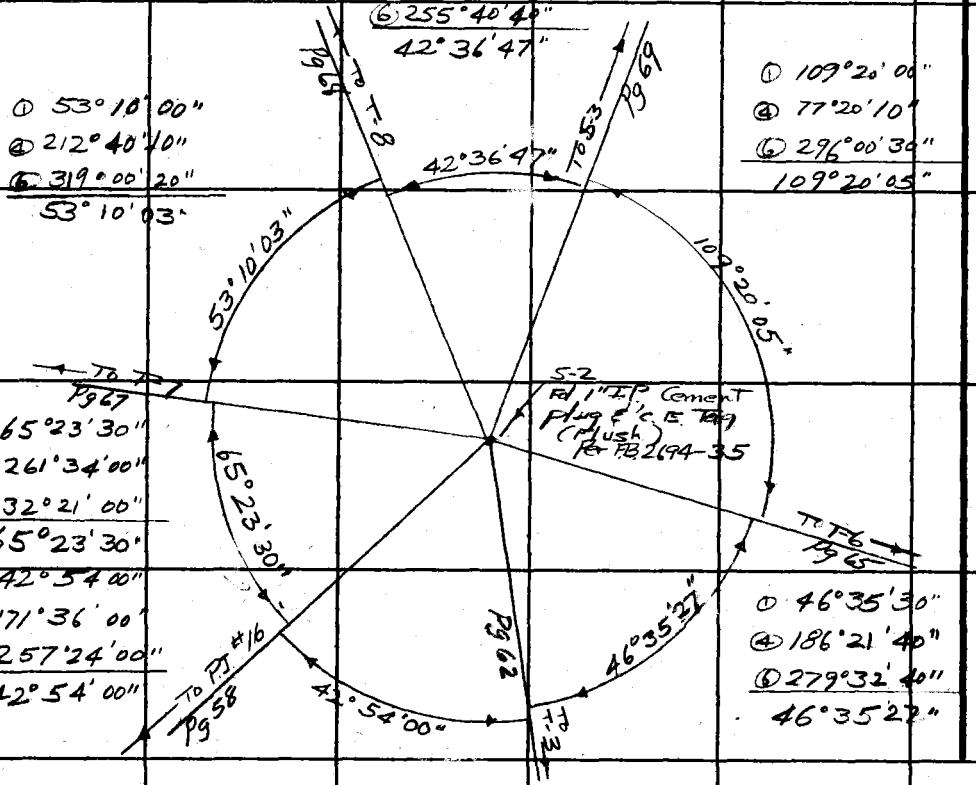

Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd	F. B. 2694	PG. 67
Map No.	JN 007564 Tape 127 Std 64 °F		
Office Work	Surveyed by W. J. Voge		
Checked	Notes Voge Date 4-24-64		
Date	Indexed R. J. GALLI		

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76F3095 CE #310 6-62

At T-7

H.I. = 4.95

Sight on T-6

Rod = 4.00 @ +1°01'00"

Rod = 6.00 @ +1°07'15"

Sight on T-8

Rod = 2.00 @ +2°37'00"

Rod = 4.00 @ +2°45'15"

Sight on T-9

Rod = 4.00 @ +2°50'30"

Rod = 6.00 @ +2°55'30"

Sight on S-2

Rod = 2.00 @ −5°04'45"

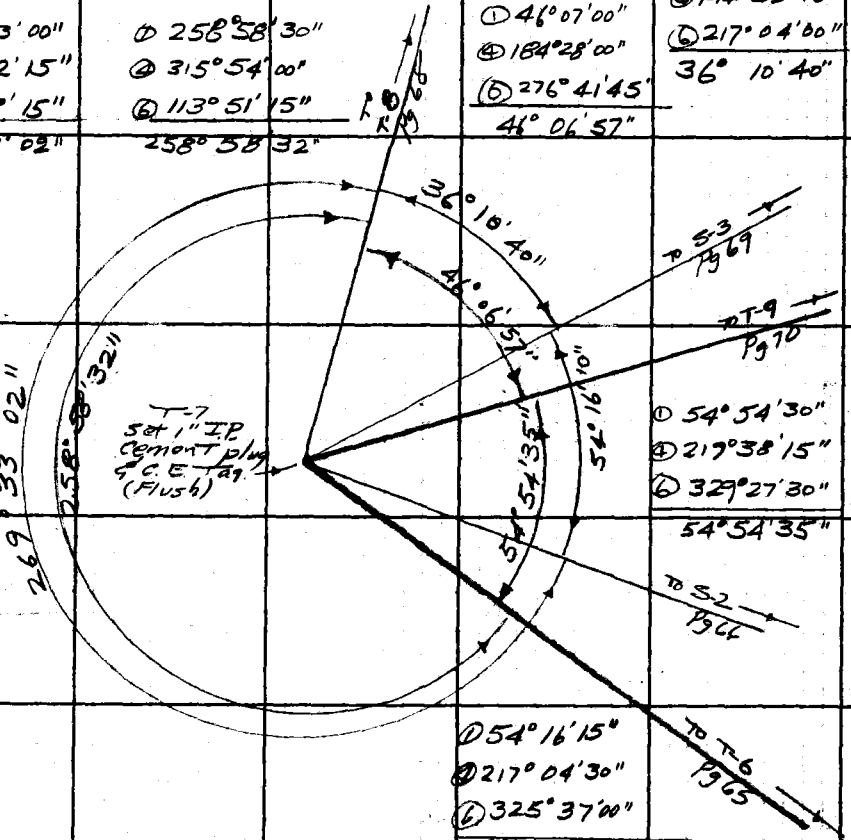
Rod = 4.00 @ −5°04'00"

Sight on S-3

Rod = 2.00 @ +0°27'30"

Rod = 4.00 @ +0°32'00"

① 269°33'00"	① 258°58'30"	① 46°07'00"	① 36°10'45"
④ 358°12'15"	④ 315°54'00"	④ 184°28'00"	④ 144°42'45"
⑥ 177°18'15"	⑥ 113°51'15"	⑥ 276°41'45"	⑥ 217°04'00"
269°33'02"	258°58'32"	46°06'57"	36°10'40"



① 54°54'30"	① 54°16'15"	
④ 217°38'15"	④ 217°04'30"	
⑥ 329°27'30"	⑥ 325°37'00"	
54°54'35"	54°16'10"	

F. B. 2694 PG 68

T @ T-8

N.I = 4.90

Sight on T-6
Rod = 4.00 @ -0°53'30"
Rod = 6.00 @ -0°48'30"

Sight on T-7
Rod = 4.00 @ -2°53'00"
Rod = 6.00 @ -2°44'30"

Sight on T-9
Rod = 2.00 @ +1°36'30"
Rod = 4.00 @ +1°43'00"

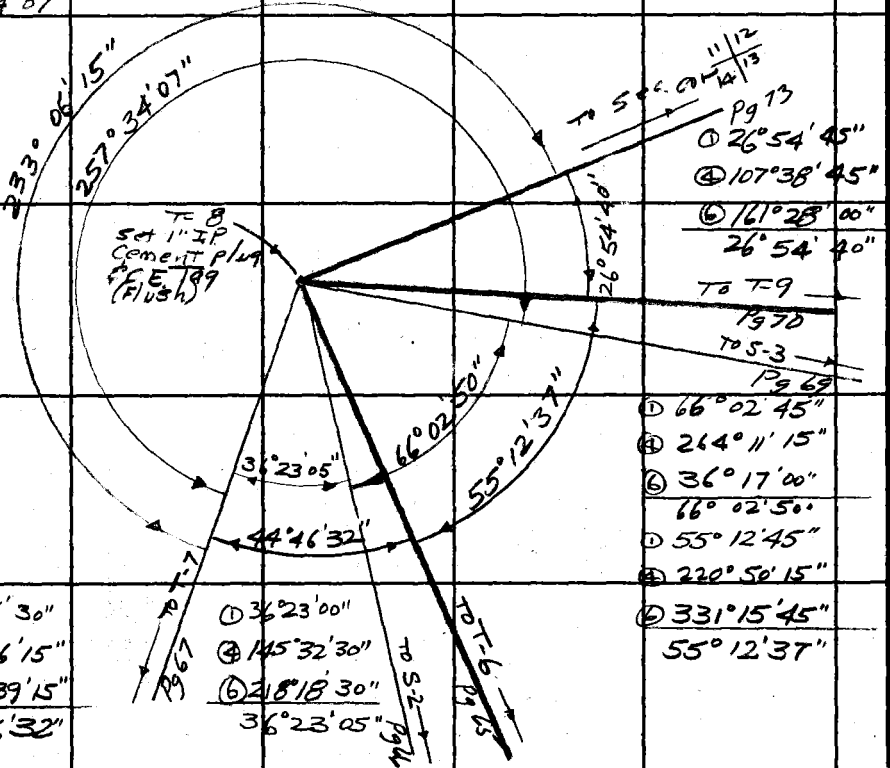
Sight on Sec. Cor 11 | 12 / 13 | 14
Rod = 2.00 @ -6°01'45"
Rod = 4.00 @ -5°53'45"

Sight on S-2
Rod = 2.00 @ -5°20'45"
Rod = 4.00 @ -5°15'30"

Sight on S-3
Rod = 2.00 @ -2°24'00"
Rod = 4.00 @ -2°15'00"

① 257°34'15"
④ 310°16'15"
⑥ 105°24'45"
257°34'07"

① 233°06'15"
④ 212°25'00"
⑥ 318°37'30"
233°06'15"



① 44°46'30"
④ 179°06'15"
⑥ 268°39'15"
44°46'32"

① 36°23'00"
④ 145°32'30"
⑥ 218°18'30"
36°23'05"

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Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 4-24-64	
Date	Indexed E. J. GALLI	

π @ 5-3

HI = 4.44

Sight on T-7

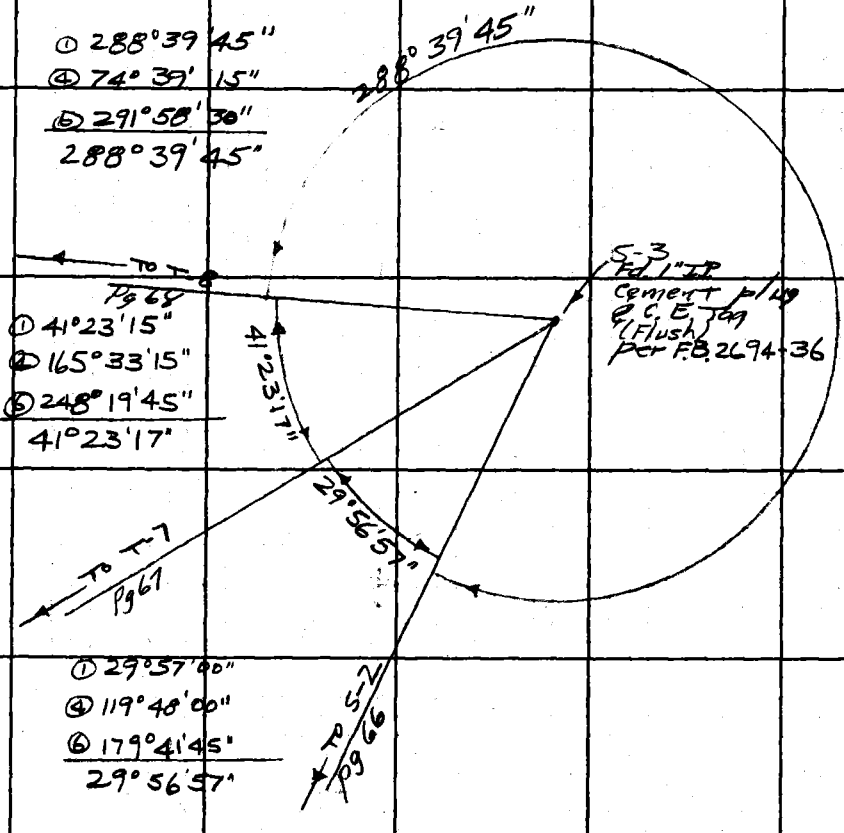
Rod = 2.00 @ -0°41'00"

Rod = 4.00 @ -0°36'15"

Sight on T-8

Rod = 2.00 @ +2°00'30"

Rod = 4.00 @ +2°10'00"



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76F3095 CE #310 6-62

F. B. 2694 PG 70

T @ T=9

H.I = 4.97

Sight on Sec. Cor 11/12 / 14/13

Rod = 2.00 @ – 15°01'00"

Rod = 4.00 @ – 14°48'00"

Sight on T=6

Rod = 2.00 @ – 2°42'07"

Rod = 4.00 @ – 2°36'52"

Sight on T=7

Rod = 2.00 @ – 3°00'00"

Rod = 4.00 @ – 2°56'15"

Sight on T=8

Rod = 2.00 @ – 1°55'15"

Rod = 4.00 @ – 1°48'45"

Sight on T=10

Rod = 2.00 @ – 1°18'30"

Rod = 4.00 @ – 1°11'45"

Sight on T=11

Rod = 2.00 @ + 2°33'22"

Rod = 4.00 @ + 2°41'37"

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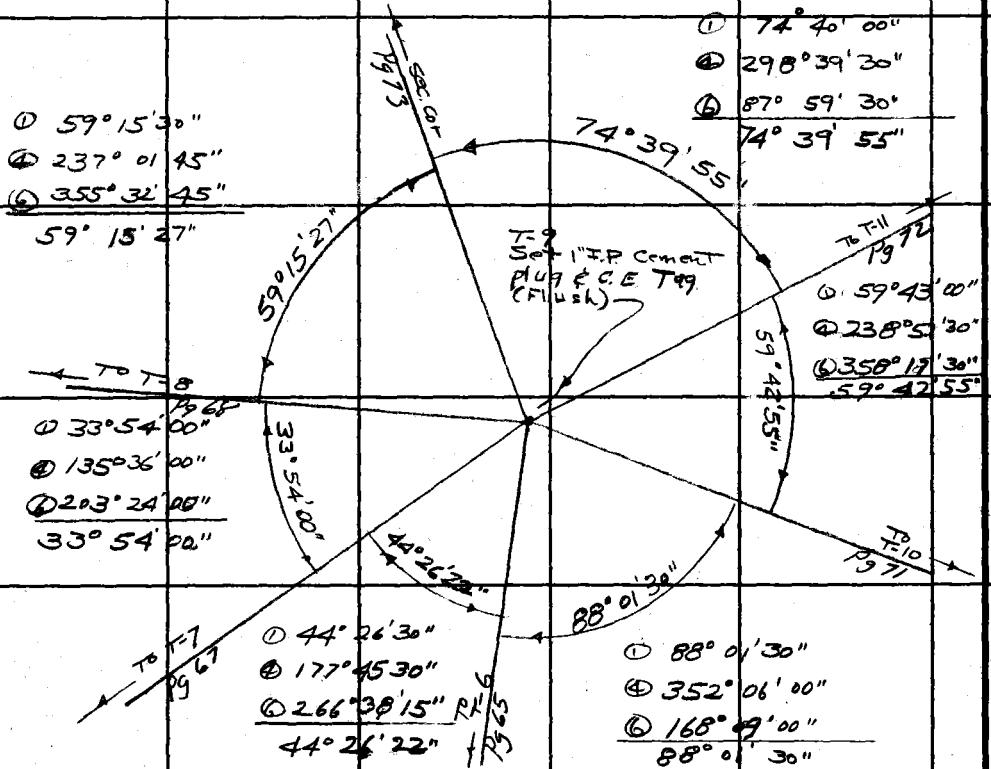

① 59°15'30"
④ 237°01'45"
⑥ 355°32'45"
59°15'27"

① 74°40'00"
④ 298°39'30"
⑥ 87°59'30"
74°39'55"

① 33°54'00"
④ 135°36'00"
⑥ 203°24'00"
33°54'00"

① 44°26'30"
④ 177°45'30"
⑥ 266°38'15"
44°26'22"

① 88°01'30"
④ 352°06'00"
⑥ 168°59'00"
88°01'30"

① 59°43'00"
④ 238°57'30"
⑥ 358°17'30"
59°42'55"

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

Survey of Sound Cyn. Rd
JN 0075.64 Tape 127 Std 84 °F
Surveyed by W-J Voge
Notes Voge Date 4-24-64
Indexed C. J. GALLI

F. B. 2964 PG. 71

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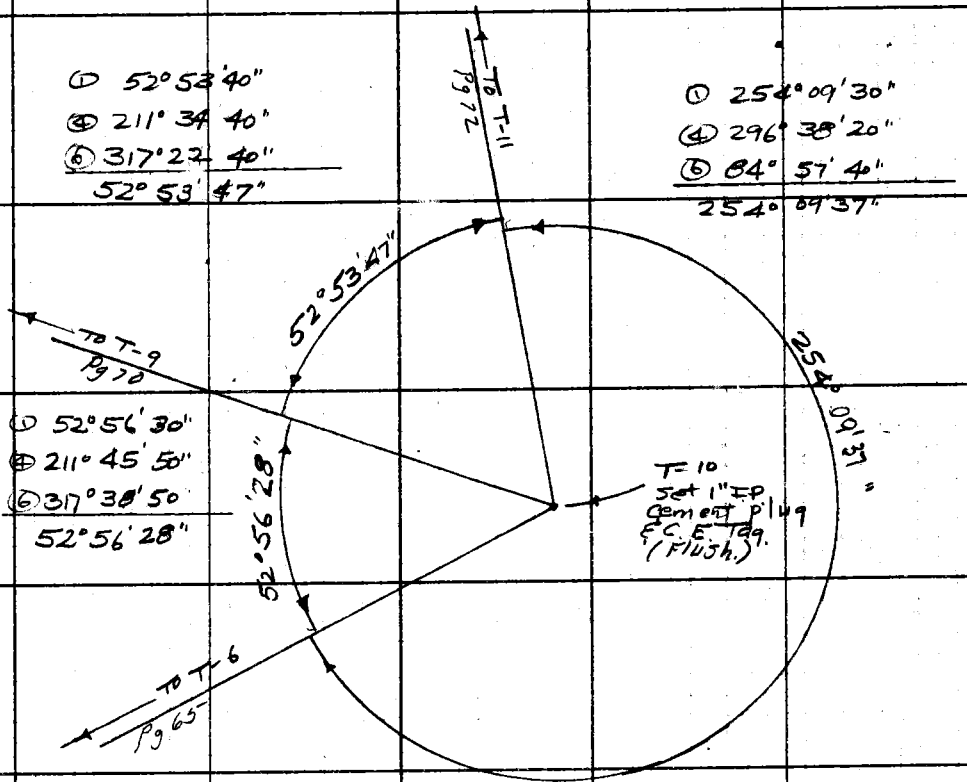
6F3095 CE #3 0 8-62

At T-10
H.I. = 4.55

Sight on T-6
Rod = 2.00 @ -1°26'40"
Rod = 4.00 @ -1°22'30"

Sight on T-9
Rod = 2.00 @ +0°58'10"
Rod = 4.00 @ +1°05'50"

Sight on T-11
Rod = 6.00 @ +3°49'20"
Rod = 8.00 @ +3°56'30"



① 52°53'40"
④ 211°34'40"
⑥ 317°22'40"
52°53'47"

① 254°09'30"
④ 296°38'20"
⑥ 84°57'40"
254°09'37"

① 52°56'30"
④ 211°45'50"
⑥ 317°38'50"
52°56'28"

F. B. 2194 Pg 72

T @ T=11

HI = 5.03

Sight on Sec. Cor 11/12/13

Rod = 2.00 @ -11°26'00"

Rod = 4.00 @ -11°18'30"

Sight on T=9

Rod = 2.00 @ -2°57'45"

Rod = 4.00 @ -2°49'30"

Sight on T=10

2.00 @ -3°56'15"

4.00 @ -3°48'30"

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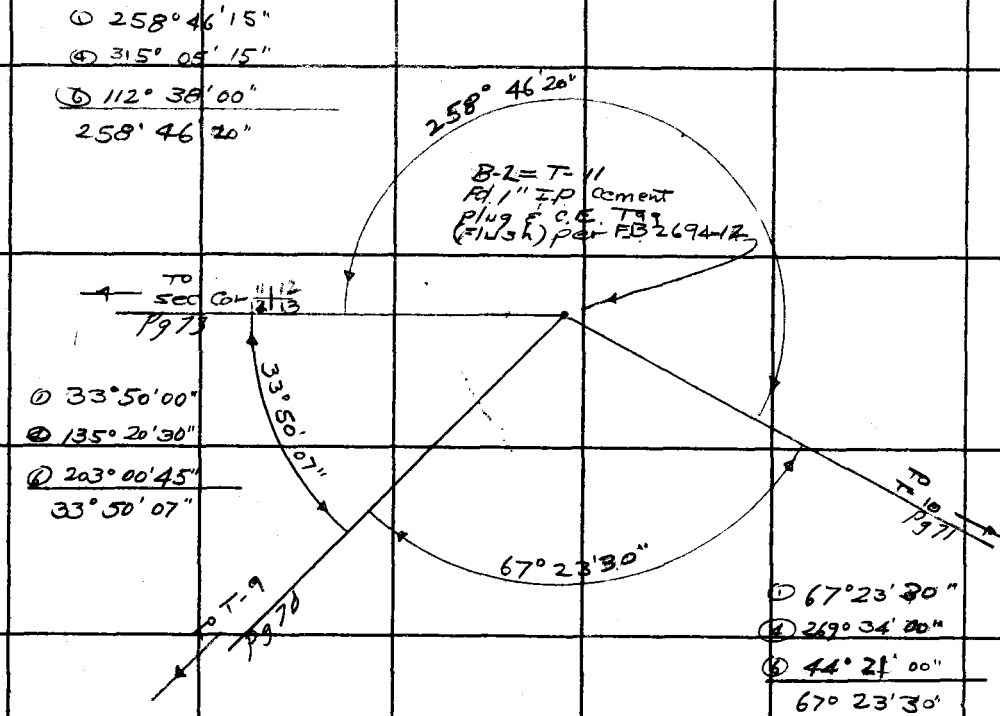

① 258° 46' 15"

④ 315° 05' 15"

⑥ 112° 38' 00"

258° 46' 20"

① 33° 50' 00"

② 135° 20' 30"

④ 203° 00' 45"

33° 50' 07"

① 67° 23' 30"

④ 269° 34' 00"

⑥ 44° 21' 00"

67° 23' 30"

Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd	F. B 2694 PG. 73	
Map No.	JN 007564 Tape 127 Std 84 °F		
Office Work	Surveyed by W. J. Voge		
Checked	Notes Voge Date 4-24-64		
Date	Indexed C. J. GALM		

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T @ Sec Cor

HI = 4.33

Sight on T=8

Rod = 2.00 @ + 5°42'22"

Rod = 4.00 @ + 5°49'52"

Sight on T=9

Rod = 6.00 @ + 14°53'00"

Rod = 8.00 @ + 15°06'15"

Sight on T=11

Rod = 2.00 @ + 11°05'15"

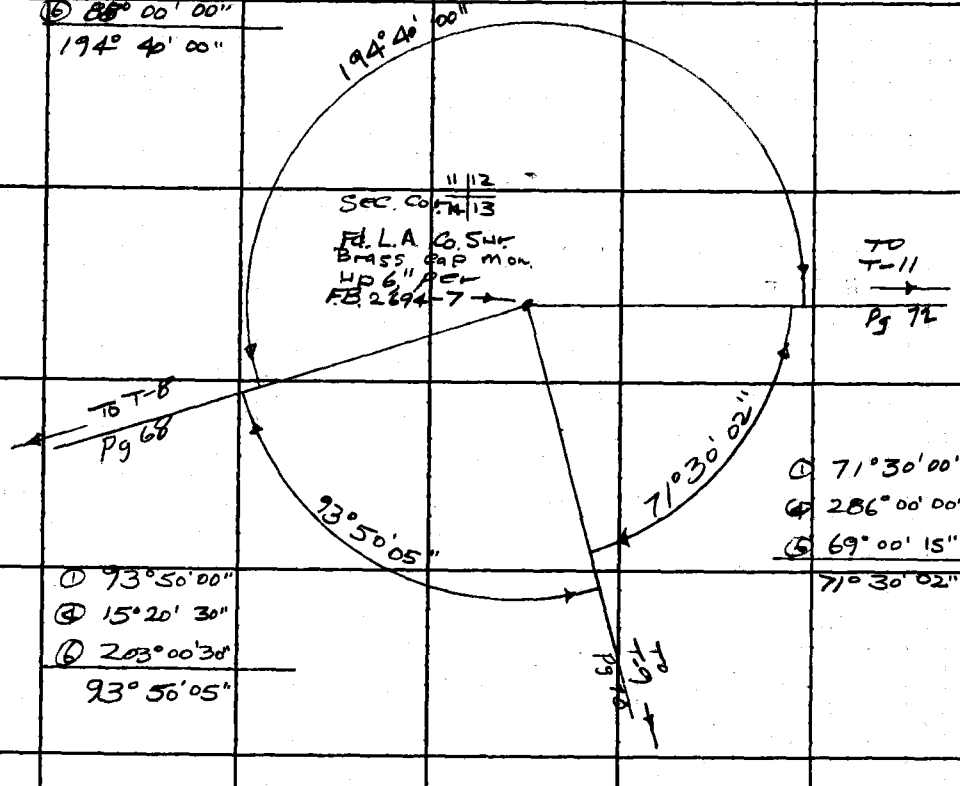
Rod = 4.00 @ + 11°12'45"

① 194° 40' 00"

② 58° 40' 15"

③ 88° 00' 00"

194° 40' 00"



① 71° 30' 00"

② 286° 00' 00"

③ 69° 00' 15"

71° 30' 02"

① 93° 50' 00"

② 15° 20' 30"

③ 203° 00' 30"

93° 50' 05"

76F3095 CE #310 6-62

F. B. 2694 PG 74

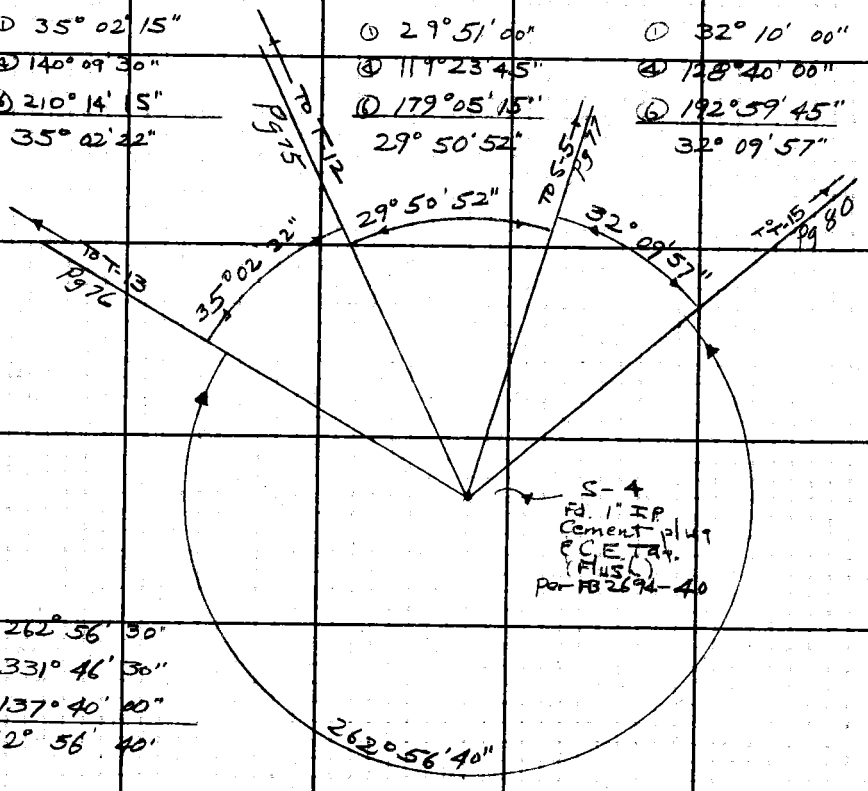
T@ S-4

H.I. = 4.61

Sight on T-12
Rod = 2.00 @ +7°37'15"
Rod = 4.00 @ +7°47'07"

Sight on T-13
Rod = 2.00 @ +5°02'22"
Rod = 4.00 @ +5°08'15"

Sight on T-15
Rod = 2.00 @ +4°57'00"
Rod = 4.00 @ +5°01'00"



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Map No.	JN 00754 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 4-24-69	
Date	Indexed E. J. GALLI	

T @ T=12

H.I. = 5.01

Sight on S-4
Rod = 2.00 @ − 8°05'37"
Rod = 4.00 @ − 7°55'22"

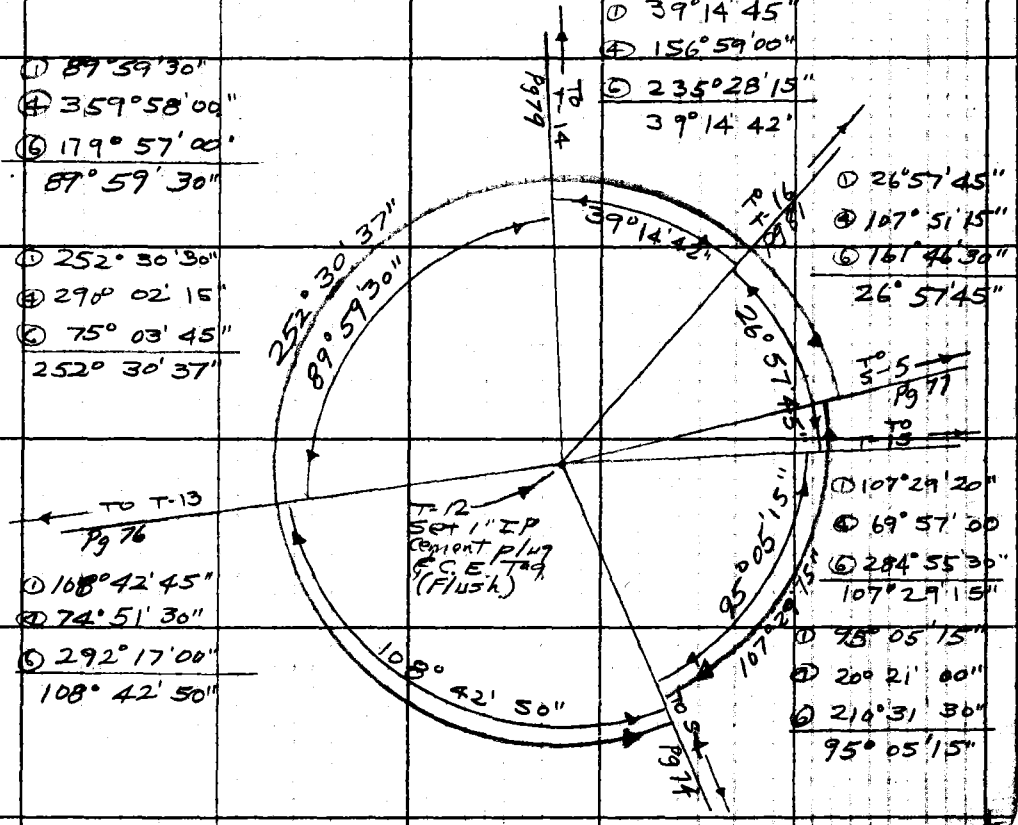
Sight on S-5
Rod = 2.00 @ − 11°38'52"
Rod = 4.00 @ − 11°25'15"

Sight on T=13
Rod = 2.00 @ + 0°10'00"
Rod = 4.00 @ + 0°20'22"

Sight on T=14
Rod = 2.00 @ + 5°50'07"
Rod = 4.00 @ + 5°54'37"

Sight on T=15
Rod = 2.00 @ + 2°06'52"
Rod = 4.00 @ + 2°11'15"

Sight on T=16
Rod = 2.00 @ + 3°28'30"
Rod = 4.00 @ + 3°30'52"



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76F3095 CE #310 6-62

F. B. 2094 PG. 76

T @ T-13

H.I. = 4.67

Sight on S-4

Rod = 2.00 @ -5°20'10"

Rod = 4.00 @ -5°13'15"

Sight on T-12

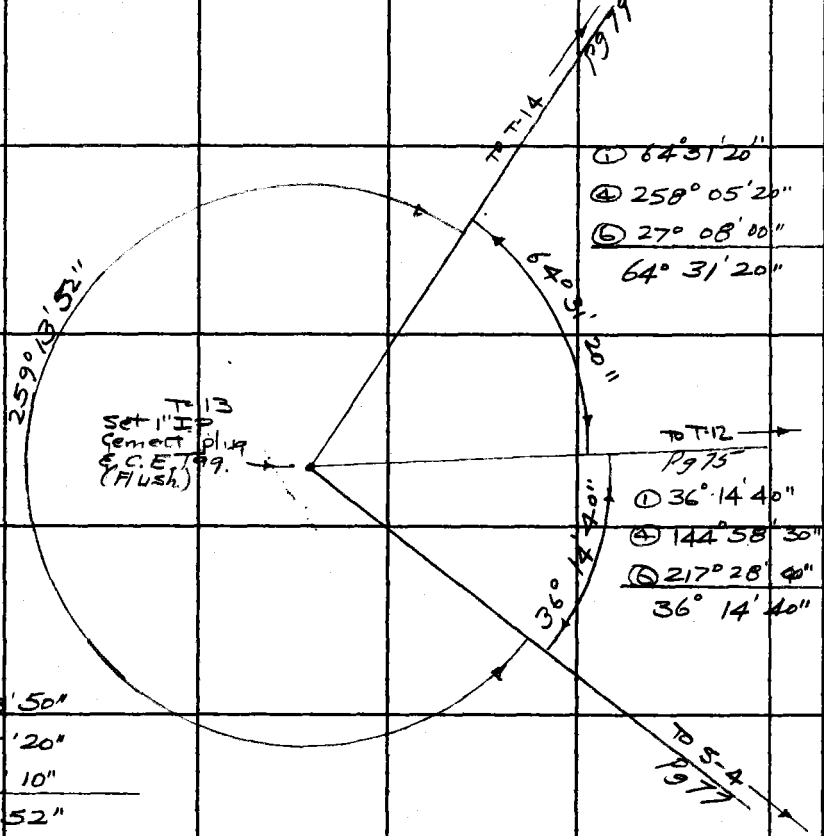
Rod = 2.00 @ -0°41'25"

Rod = 4.00 @ -0°30'20"

Sight on T-14

Rod = 2.00 @ +5°04'30"

Rod = 4.00 @ +5°09'25"



① 64°31'20"

④ 258°05'20"

⑥ 27°08'00"

64°31'20"

① 36°14'40"

④ 144°58'30"

⑥ 217°28'40"

36°14'40"

① 259°13'50"

④ 316°55'20"

⑥ 115°23'10"

259°13'52"

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Map No.	JN 0075.64 Tape 127 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 4-28-64
Date	Indexed C. J. GALLI

F. B. 2694 PG. 78

TO S-5

HI = 4.85

Sight on T-12

Rod = 2.00 @ + 10°57'52"

Rod = 4.00 @ + 11°11'52"

Sight on T-15

Rod = 2.00 @ + 8°24'45"

Rod = 4.00 @ + 8°31'08"

Sight on T-16

Rod = 2.00 @ + 6°42'30"

Rod = 4.00 @ + 6°45'45"

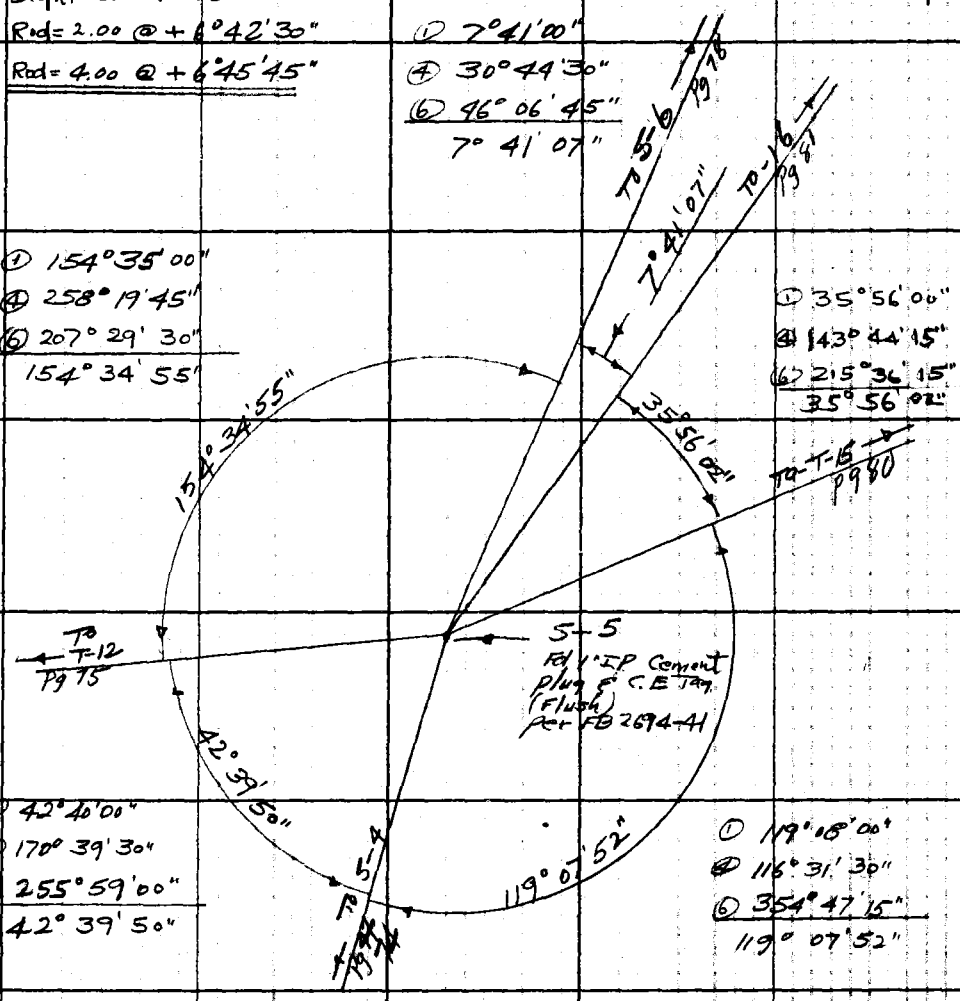
① 7°41'00"
④ 30°44'30"
⑥ 46°06'45"
7°41'07"

① 154°35'00"
④ 258°19'45"
⑥ 207°29'30"
154°34'55"

① 35°56'00"
④ 143°44'15"
⑥ 215°36'15"
35°56'02"

① 42°40'00"
④ 170°39'30"
⑥ 255°59'00"
42°39'50"

① 119°08'00"
④ 116°31'30"
⑥ 354°47'15"
119°07'52"



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76F3095 CE #310 6-62

F. B. 2694 PG 78

T @ S-6

H.I. = 4.88

Sight on T-15

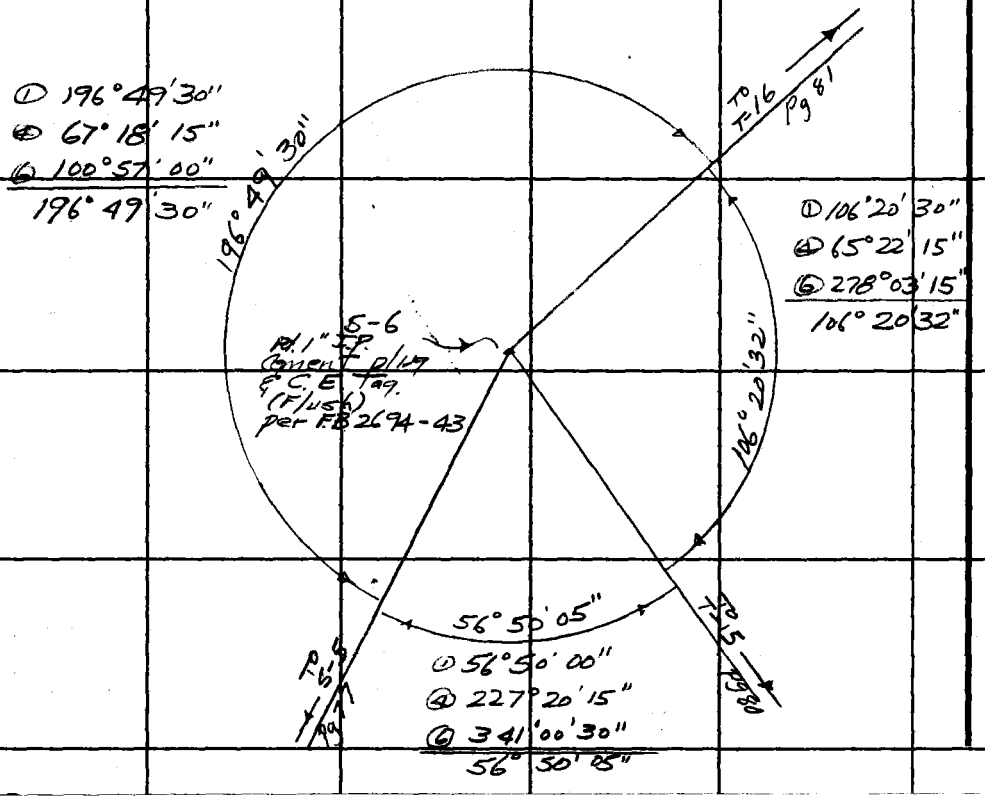
Rod = 2.00 @ + 0°59'45"

Rod = 4.00 @ + 1° 08' 15"

Sight on T-16

Rod = 2.00 @ + 6°49'15"

Rod = 4.00 @ + 6°56' 15"



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Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd.	F. B. 269 ¢ PG. 79
Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W J Voge	
Checked	Notes Voge Date 4-29-64	
Date	Indexed C. J. GALLI	

T @ T-14

H I = 4.73

Sight on T-12

Rod = 2.00 @ -6°04'07"

Rod = 4.00 @ -5°59'45"

Sight on T-13

Rod = 2.00 @ -5°17'45"

Rod = 4.00 @ -5°13'45"

Sight on T-15

Rod = 2.00 @ -3°07'30"

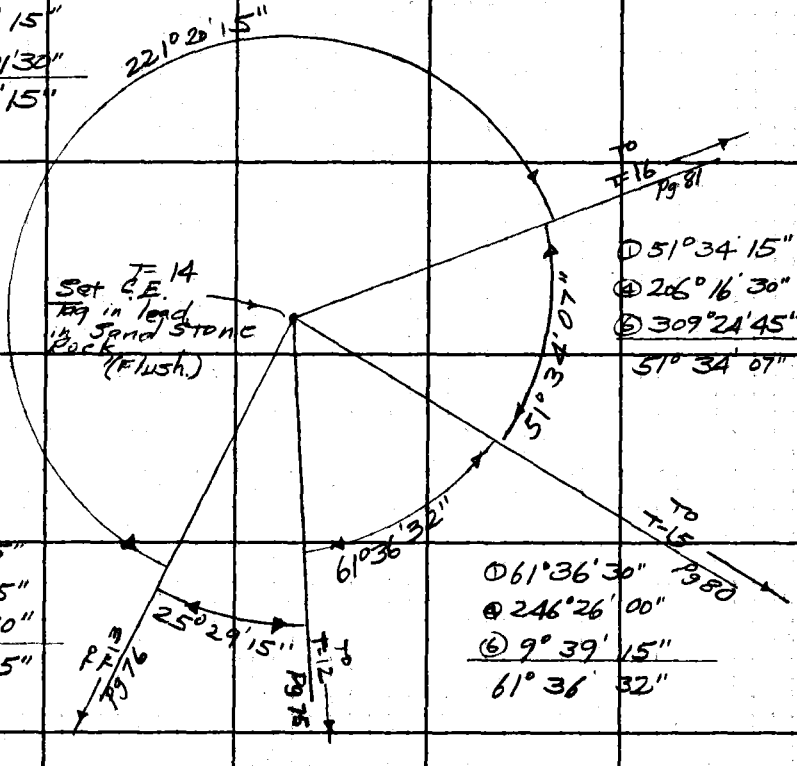
Rod = 4.00 @ -3°03'00"

Sight on T-16

Rod = 2.00 @ +0°41'37"

Rod = 4.00 @ +0°45'37"

① 221°20'15"
④ 165°21'15"
⑥ 248°01'30"
221°20'15"



① 51°34'15"
④ 206°16'30"
⑥ 309°24'45"
51°34'07"

① 25°29'15"
④ 101°57'15"
⑥ 152°55'30"
25°29'15"

① 61°36'30"
④ 246°26'00"
⑥ 9°39'15"
61°36'32"

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76F3095 CE #310 6-62

F. B. 2694 PG 80

T@ T=15

HI = 5.06

Sight on S-4

Rod = 2.00 @ -5°09'37"

Rod = 4.00 @ -5°05'30"

Sight on S-5

Rod = 2.00 @ -3°44'15"

Rod = 4.00 @ -3°37'30"

Sight on S-6

Rod = 2.00 @ -1°24'52"

Rod = 4.00 @ -1°16'45"

Sight on T=16

Rod = 2.00 @ +3°58'00"

Rod = 4.00 @ +4°03'00"

Sight on T-12

Rod = 2.00 @ -2°21'07"

Rod = 4.00 @ -2°16'22"

Sight on T=14

Rod = 2.00 @ +2°53'37"

Rod = 4.00 @ +2°58'07"

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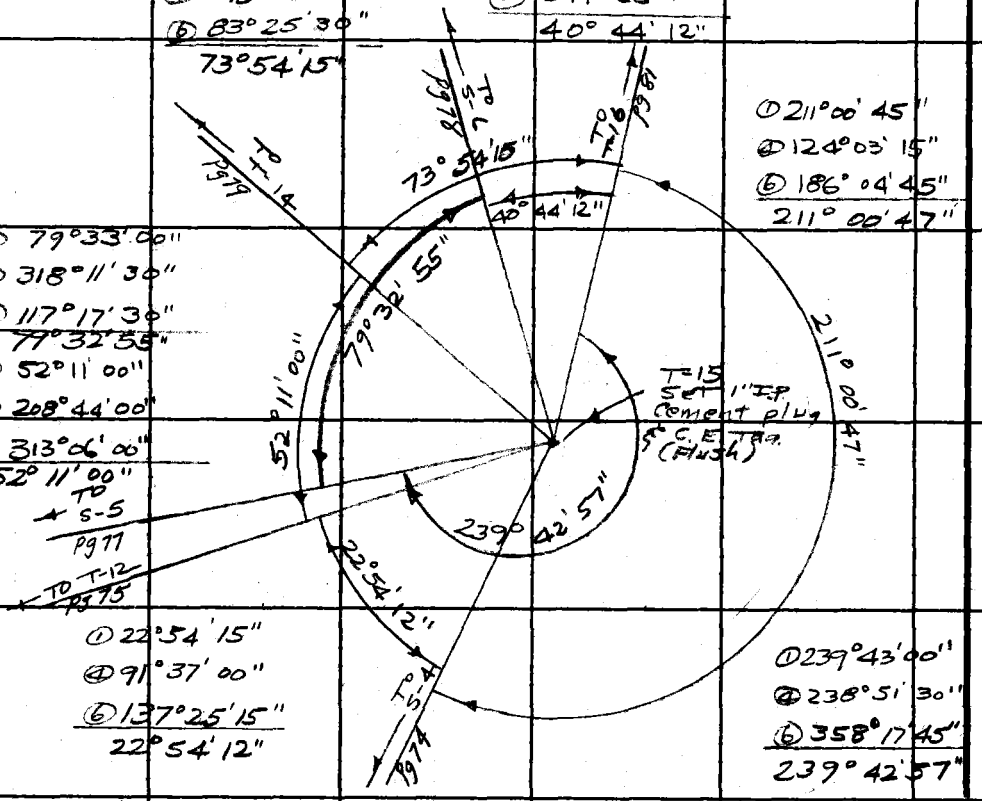

Notes Ck'd by F. CESSOR
Map No.
Office Work
Checked
Date

Survey of Sand Cyn Rd.
JN 007504 Tape 127 Std 84 F
Surveyed by W. J. Voge
Notes Voge Date 5-1-64
Indexed J. GALLI

F. B. 2694 PG. 81

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403 Los Angeles County Engineering Bldg.

76F3095 CE #310 6-62

T-16

H.I. = 4.33

Sight on 5-5
Rod = 2.00 @ - 6°50'00"
Rod = 4.00 @ - 6°47'00"

Sight on 5-6
Rod = 2.00 @ - 7°06-37"
Rod = 4.00 @ - 6°59'30"

Sight on T-12
Rod = 2.00 @ - 3°36'30"
Rod = 4.00 @ - 3°33'30"

Sight on T-14
Rod = 2.00 @ - 0°51'53"
Rod = 4.00 @ - 0°48'15"

Sight on T-15
Rod = 2.00 @ - 4°11'22"
Rod = 4.00 @ - 4°07'00"

① 305° 28' 15"
④ 141° 53' 30"
⑥ 32° 50' 00"
305° 28' 20"

① 327° 04' 45"
④ 228° 19' 00"
⑥ 162° 28' 45"
327° 04' 47"

← To T-14 Pg 79

① 27° 34' 45"
④ 110° 19' 00"
⑥ 165° 28' 15"
27° 34' 42"

To 5-6 Pg 76

To T-12 Pg 76

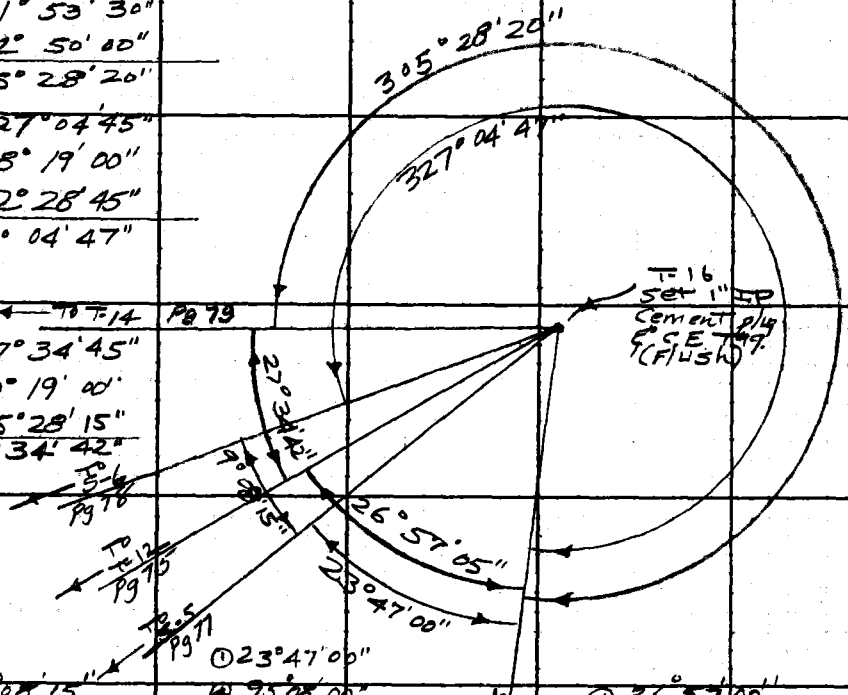
To 5-5 Pg 71

① 9° 08' 15"
④ 36° 33' 00"
⑥ 54° 49' 30"
9° 08' 15"

① 23° 47' 00"
④ 95° 08' 00"
⑥ 142° 42' 00"
23° 47' 00"

To T-15 Pg 80

① 26° 57' 00"
④ 107° 48' 15"
⑥ 161° 42' 30"
26° 57' 05"



F.B. 2694 PG 82

AT @ 5-8

HI = 4.79

Sight on T = 18

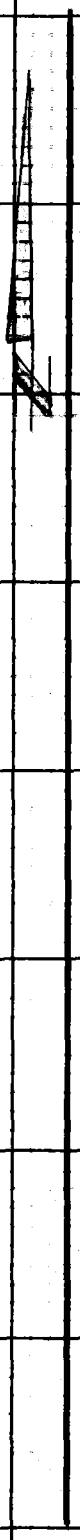
Rod = 2.00 @ — 2°34'07"

Rod = 4.00 @ — 2°29'00"

Sight on T = 19

Rod = 2.00 @ — 7°49'15"

Rod = 4.00 @ — 7°45'37"



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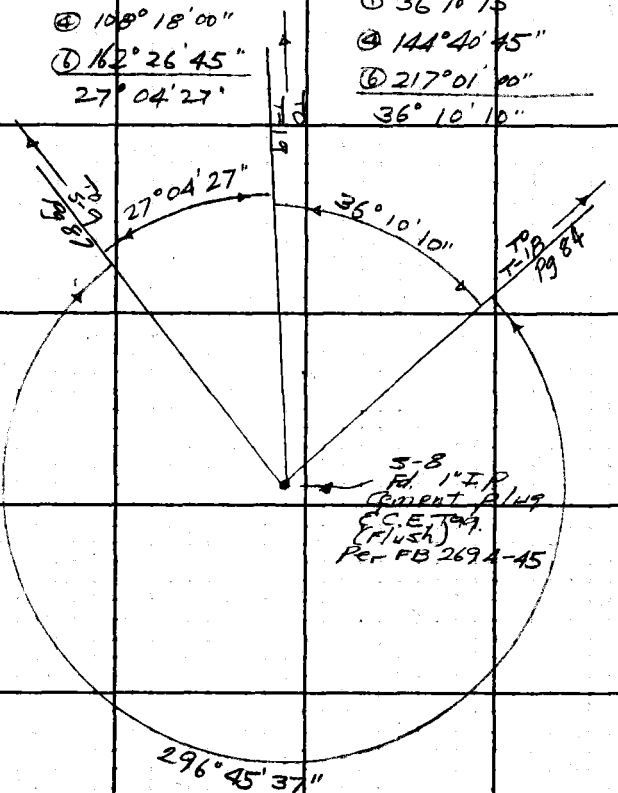
① 27°04'30"
④ 108°18'00"
⑥ 162°26'45"
27°04'27"

① 36°10'15"
④ 144°40'45"
⑥ 217°01'00"
36°10'10"



① 296°45'30"
④ 107°02'45"
⑥ 340°33'45"
296°45'37"

Notes Ck'd by F. CESSON	Survey of Sand Cyn Rd
Map No.	JN 007564 Tape 127 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 5-4-64
Date	Indexed C. J. GALLI

F. B 2694 PG. 83

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-62

Sight on T=17
H.I = 4.87

Sight on T=18
Rod = 2.00 @ - 4°24'30"
Rod = 4.00 @ - 4°20'30"

Sight on T=19
Rod = 2.00 @ - 9°40'30"
Rod = 4.00 @ - 9°37'45"

Sight on T=20
Rod = 2.00 @ - 8°51'45"
Rod = 4.00 @ - 8°45'00"

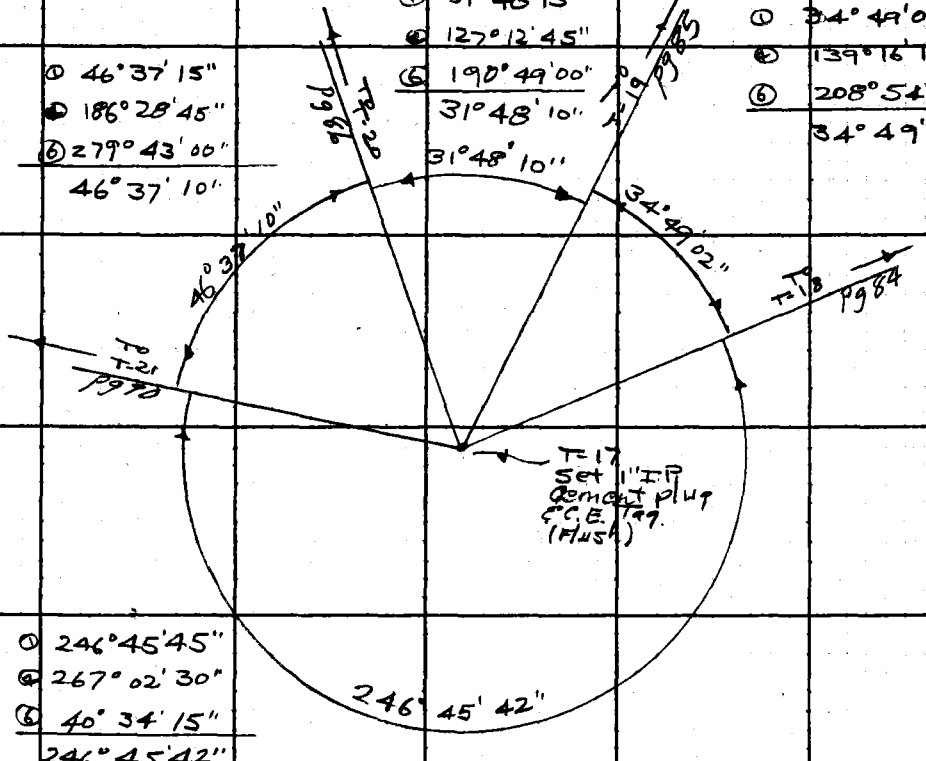
Sight on T=21
Rod = 2.00 @ - 8°39'00"
Rod = 4.00 @ - 8°33'45"

①	46°37'15"
②	186°28'45"
⑥	279°43'00"
	46°37'10"

①	31°48'15"
②	127°12'45"
⑥	190°49'00"
	31°48'10"

①	34°49'00"
②	139°16'15"
⑥	208°54'15"
	34°49'02"

①	246°45'45"
②	267°02'30"
⑥	40°34'15"
	246°45'42"



F. B. 2694 PG 84

T @ T-18

H.I. = 4.98

Sight on S-8

Rod = 2.00 @ +2°18'00"

Rod = 6.00 @ +2°28'45"

Sight on S-9

Rod = 2.00 @ − 5°09'30"

Rod = 4.00 @ − 5°05'45"

Sight on T-17

Rod = 2.00 @ + 4°12'30"

Rod = 4.00 @ +4°16'37"

Sight on T-19

Rod = 2.00 @ − 10°10'52"

Rod = 4.00 @ − 10°05'00"

Sight on T-20

Rod = 2.00 @ − 1°06'52"

Rod = 4.00 @ − 1°03'00"

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403 Los Angeles County Engineering Bldg.
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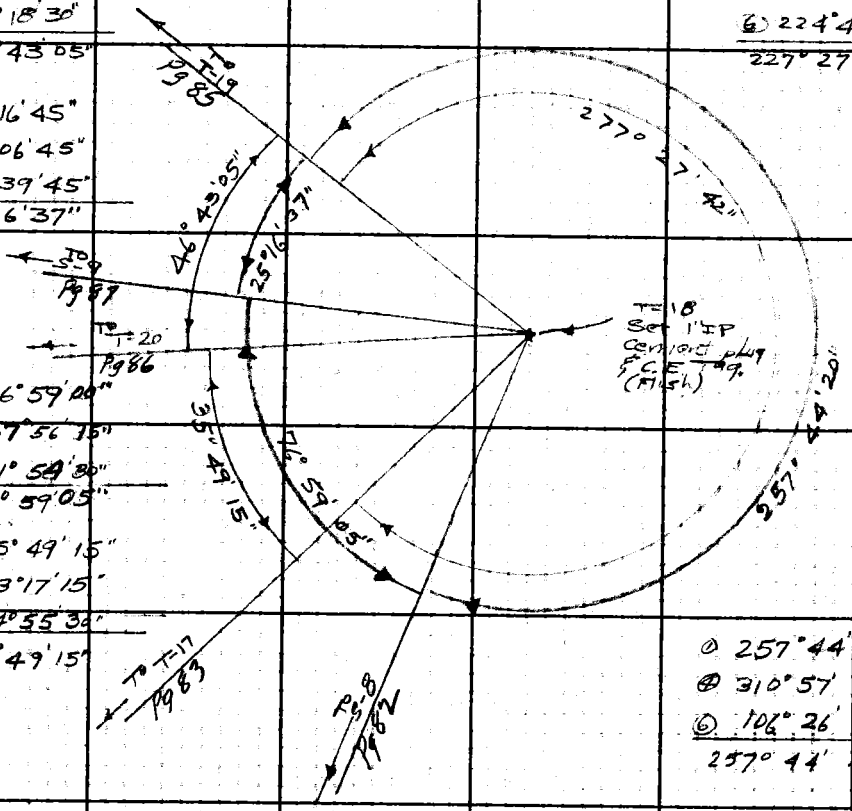
① 46°43'00"
② 186°52'15"
③ 288°18'30"
46°43'05"

① 25°16'45"
② 101°06'45"
③ 151°39'45"
25°16'37"

① 277°27'45"
② 29°51'00"
③ 224°46'15"
227°27'42"



① 76°59'00"
② 307°56'15"
③ 101°59'30"
76°59'05"

① 35°49'15"
② 143°17'15"
③ 214°55'30"
35°49'15"

① 257°44'15"
② 310°57'15"
③ 106°26'00"
257°44'00"

Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd	F. B. 2694 PG. 85
Map No.	JN0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 5-1-64	
Date	Indexed [illegible] J. GANI	

TC T-19

HI = 4.97

Sight on S-8
Rod = 2.00 @ +7°38'15"
Rod = 4.00 @ +7°42'15"

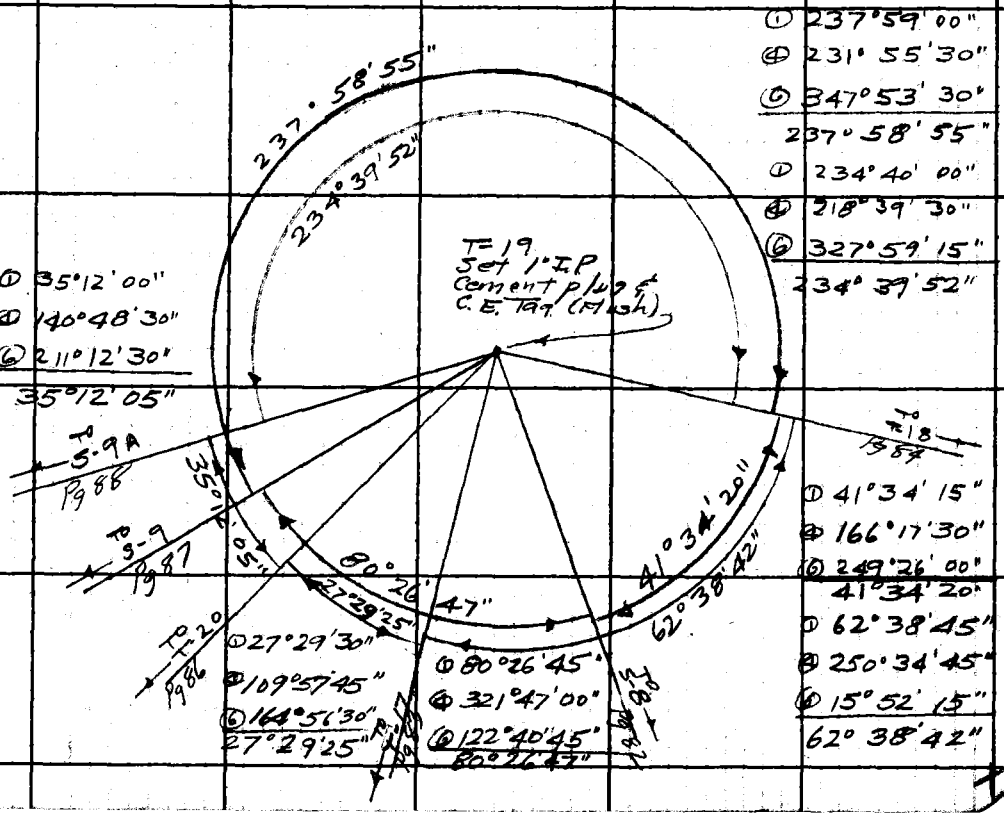
Sight on S-9
Rod = 2.00 @ +2°34'07"
Rod = 4.00 @ +2°41'45"

Sight on S-9A
Rod = 2.00 @ +2°38'52"
Rod = 4.00 @ +2°45'37"

Sight on T-17
Rod = 2.00 @ +9°31'22"
Rod = 4.00 @ +9°34'30"

Sight on T-18
Rod = 2.00 @ +9°52'22"
Rod = 4.00 @ +9°58'15"

Sight on T-20
Rod = 2.00 @ +7°56'15"
Rod = 4.00 @ +8°02'00"



① 237°59'00"
④ 231°55'30"
⑥ 347°53'30"
237°58'55"

① 234°40'00"
④ 218°39'30"
⑥ 327°59'15"
234°39'52"

① 35°12'00"
④ 140°48'30"
⑥ 211°12'30"
35°12'05"

① 41°34'15"
④ 166°17'30"
⑥ 249°26'00"
41°34'20"

① 62°38'45"
④ 250°34'45"
⑥ 15°52'15"
62°38'42"

① 27°29'30"
④ 109°57'45"
⑥ 164°56'30"
27°29'25"

① 80°26'45"
④ 321°47'00"
⑥ 122°40'45"
80°26'47"

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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 2694 PG. 86

TC @ T=20

H.I. = 4.82

Sight on T=18

Rod = 2.00 @ +0°54'30"

Rod = 4.00 @ +0°59'30"

Sight on T=19

Rod = 2.00 @ −8°12'45"

Rod = 4.00 @ −8°07'07"

Sight on T=21

Rod = 2.00 @ −2°35'00"

Rod = 4.00 @ −2°28'45"

Sight on T=17

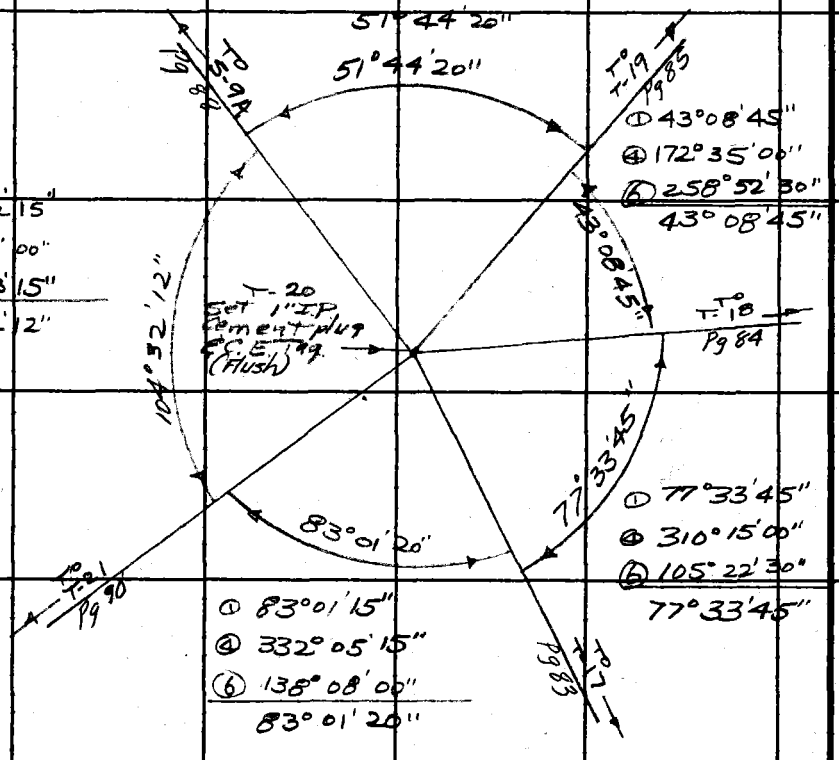
Rod = 2.00 @ +8°33'45"

Rod = 4.00 @ +8°39'52"

Sight on S-9A

Rod = 2.00 @ −10°20'30"

Rod = 4.00 @ −10°11'30"



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Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd	F. B. 2694	PG. 87
Map No.	JN 0075.64 Tape 127 Std 84 °F		
Office Work	Surveyed by W.J. Voge		
Checked	Notes Voge Date 5-5-64		
Date	Indexed C. J. GALLI		

T @ S-9

H.I. = 4.84

Sight on T-18

Rod = 2.00 @ +4°58'45"

Rod = 4.00 @ +5°01'45"

Sight on T-19

Rod = 2.00 @ −2°55'45"

Rod = 4.00 @ −2°48'15"

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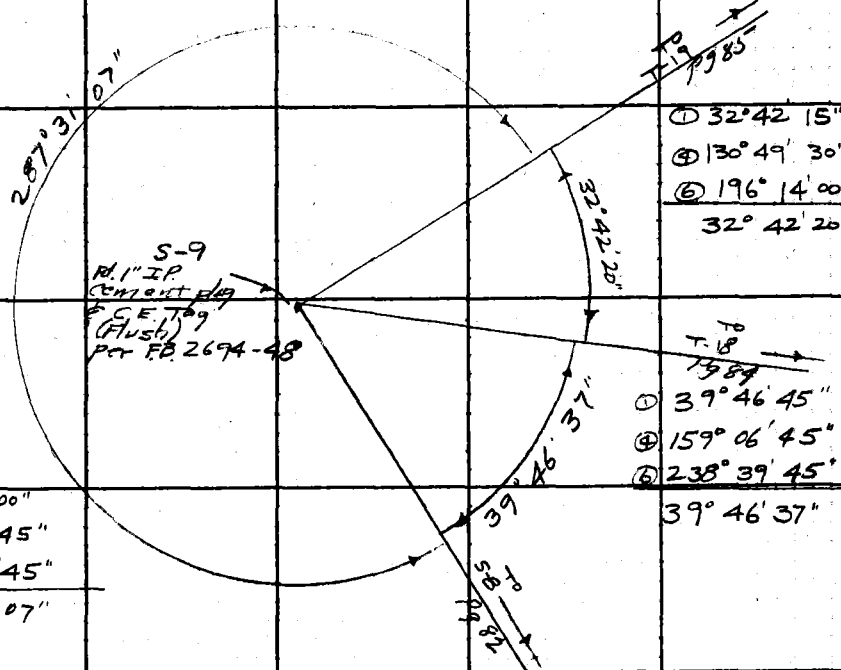

① 287°31'00"
② 70°04'45"
③ 285°06'45"
287°31'07"

① 32°42'15"
② 130°49'30"
③ 196°14'00"
32°42'20"

① 39°46'45"
② 159°06'45"
③ 238°39'45"
39°46'37"

76F309S CE #310 6-62

F. B. 2694 PG 88

I @ 5-9A

H.I. = 5.21

Sight on T-19

Rod = 2.00 @ − 3°00'30"

Rod = 4.00 @ − 2°53'30"

Sight on T-20

Rod = 4.00 @ + 10°00'37"

Rod = 6.00 @ + 10°11'07"

Sight on T-21

Rod = 2.00 @ + 3°20'30"

Rod = 4.00 @ + 3°26'00"

Sight on T-22

Rod = 2.00 @ + 3°52'00"

Rod = 4.00 @ + 3°57'30"

Sight on T-23

Rod = 2.00 @ − 0°23'00"

Rod = 4.00 @ − 0°20'00"

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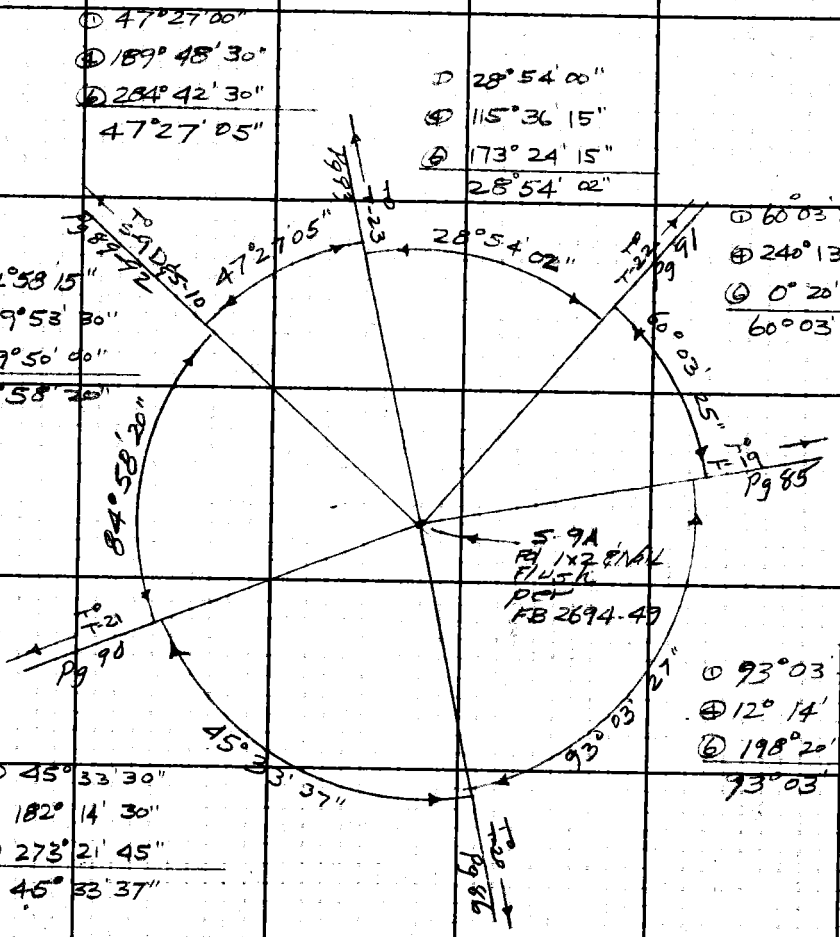

① 47°27'00"
④ 189°48'30"
⑥ 284°42'30"
47°27'05"

① 28°54'00"
④ 115°36'15"
⑥ 173°24'15"
28°54'02"

① 60°03'30"
④ 240°13'30"
⑥ 0°20'30"
60°03'25"

① 84°58'15"
④ 339°53'30"
⑥ 149°50'40"
84°58'20"

① 93°03'30"
④ 12°14'00"
⑥ 198°20'45"
93°03'27"

① 45°33'30"
④ 182°14'30"
⑥ 273°21'45"
45°33'37"

Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd.
Map No.	JN 1075.64 Tape 127 Std 84 °F
Office Work	Surveyed by W-J Voge
Checked	Notes Voge Date 5-1-64
Date	Indexed J. GALM

F. B. 2694 PG. 89

T@ 5-9D

H.I. = 5.06

Sight on T=21

Rod = 2.00 @ + 6°31'15"

Rod = 4.00 @ + 6°36'15"

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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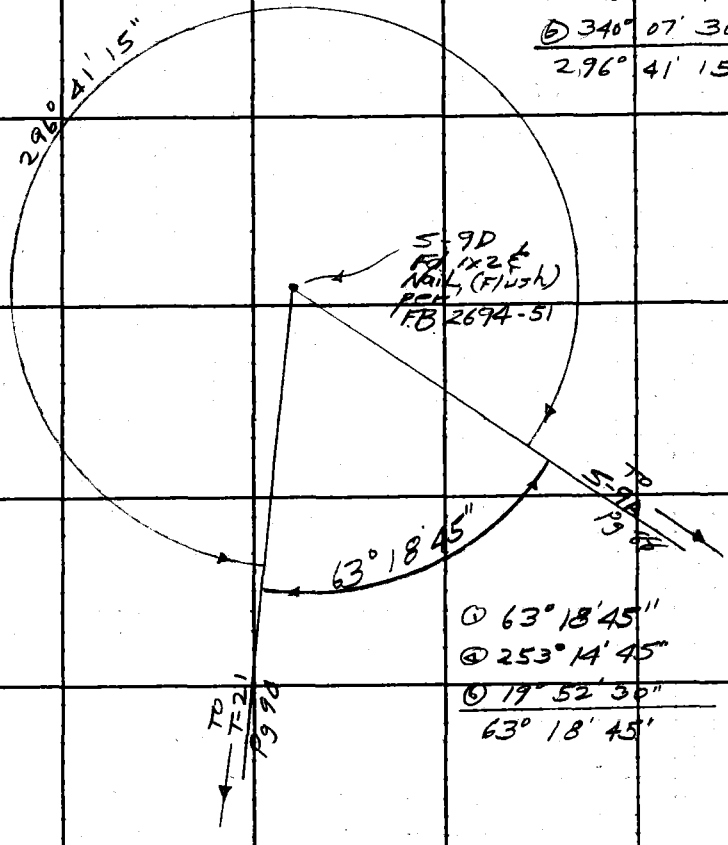
6F309S CE #310 6-62



① 296° 41' 15"
④ 106° 45' 15"
⑥ 340° 07' 30"
296° 41' 15"

① 63° 18' 45"
④ 253° 14' 45"
⑥ 19° 52' 30"
63° 18' 45"

F. B. 2694 PG 90

T@ T=21

H.I = 4.96

Sight on 5-9A

Rod = 2.00 @ - 3°36'45"

Rod = 4.00 @ - 3°31'30"

Sight on 5-9D

Rod = 2.00 @ -6°45'30"

Rod = 4.00 @ -6°41'15"

Sight on T-17

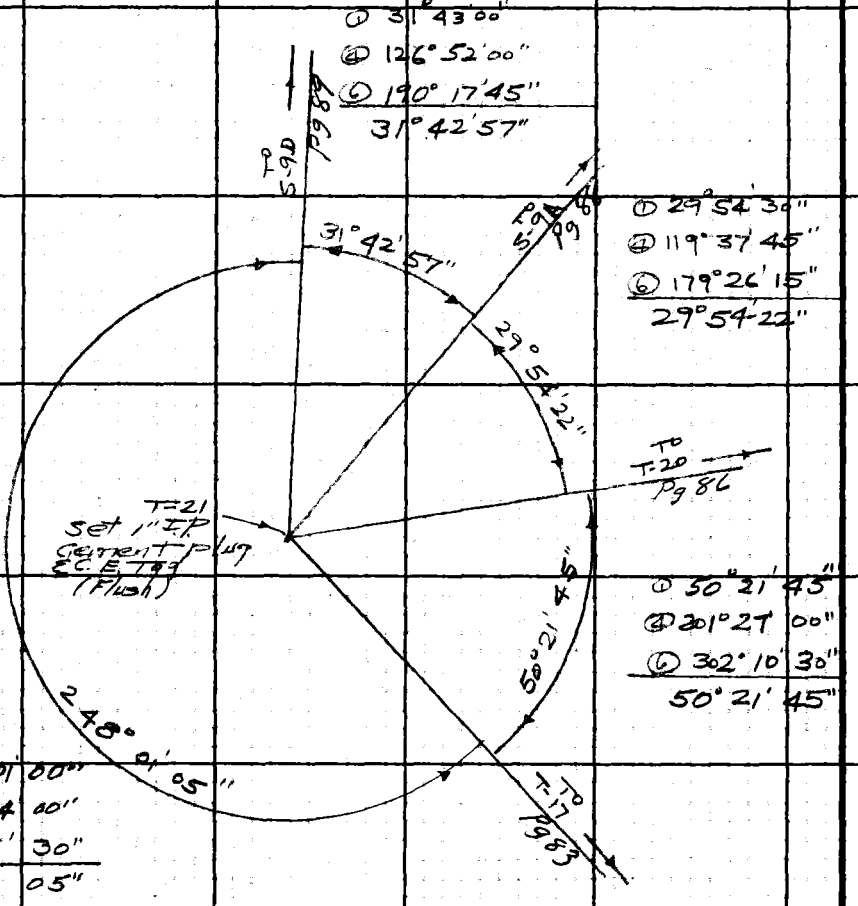
Rod = 2.00 @ +8°24'00"

Rod = 4.00 @ +8°29'30"

Sight on T-20

Rod = 2.00 @ + 2°15'15"

Rod = 4.00 @ + 2°22'15"



① 31°43'00"
② 126°52'00"
③ 190°17'45"
31°42'57"

① 29°54'30"
② 119°37'45"
③ 179°26'15"
29°54'22"

① 50°21'45"
② 201°27'00"
③ 302°10'30"
50°21'45"

① 248°01'00"
② 272°04'00"
③ 48°06'30"
248°01'05"

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Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd.
Map No.	JN 00754 Tape 127 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 5-5-64
Date	Indexed E. J. GALM

F. B. 2694 Pg. 91

T@ T-22

H.I. = 4.89

Sight on S-9A
Rod = 2.00 @ — 4°09'30"
Rod = 4.00 @ — 4°03'30"

Sight on S-10
Rod = 2.00 @ — 4°56'00"
Rod = 4.00 @ — 4°51'30"

Sight on T-23
Rod = 2.00 @ — 5°24'45"
Rod = 4.00 @ — 5°18'45"

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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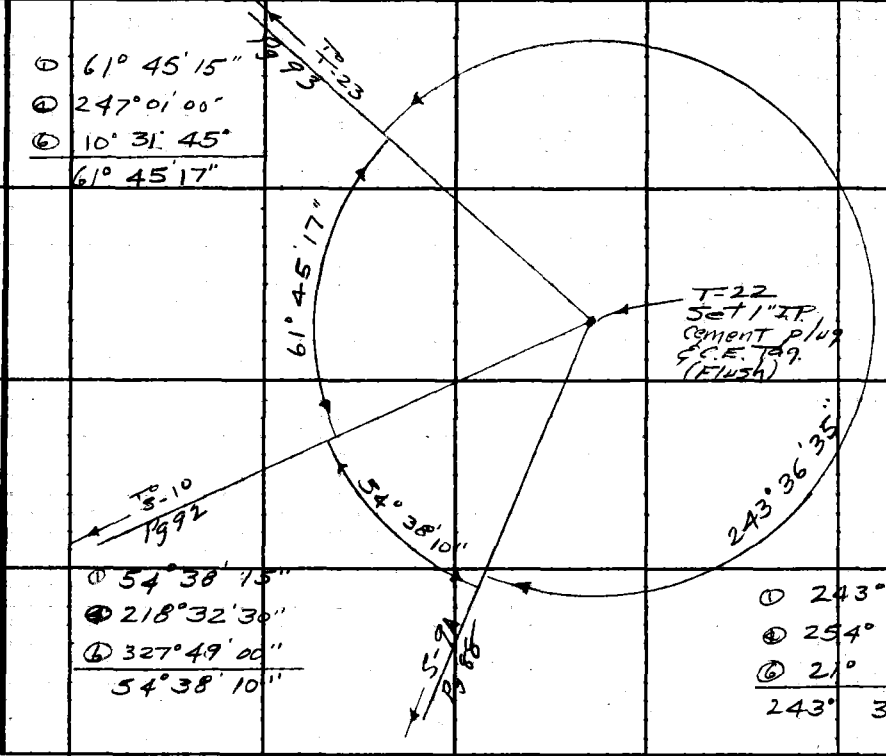

① 61° 45' 15"
② 247° 01' 00"
③ 10° 31' 45"
61° 45' 17"

① 54° 38' 15"
② 218° 32' 30"
③ 327° 49' 00"
54° 38' 10"

① 243° 36' 30"
② 254° 26' 15"
③ 21° 39' 30"
243° 36' 35"

6F309S CE #310 6-62

F.B. 2694 PG 92

T @ S-10

HI = 5.05

Sight on T-22
Rod = 4.00 @ +4° 47' 00"
Rod = 6.00 @ +4° 51' 30"

Sight on T-25
Rod = 2.00 @ − 3° 33' 15"
Rod = 4.00 @ − 3° 27' 00"

Sight on T-23
Rod = 2.00 @ 1° 23' 15"
Rod = 4.00 @ 1° 28' 15"

Sight on T-26
Rod = 2.00 @ − 4° 17' 30"
Rod = 4.00 @ − 4° 09' 30"

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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.

① 28° 19' 15"
② 113° 16' 45"
③ 169° 55' 00"
28° 17' 10"

① 50° 38' 00"
② 202° 31' 45"
③ 308° 47' 30"
50° 37' 55"

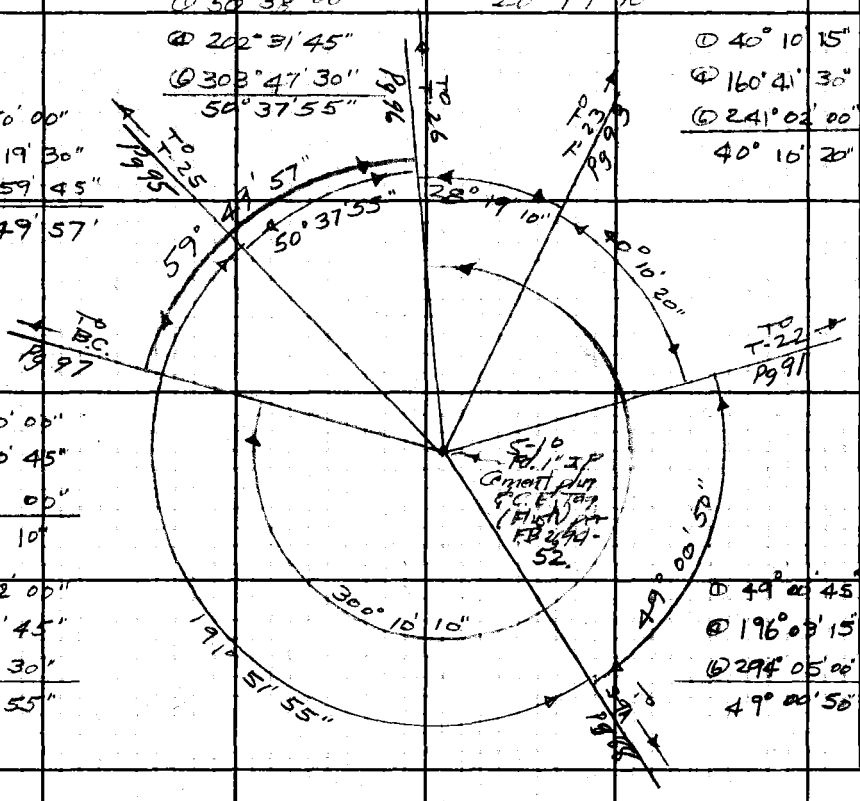
① 40° 10' 15"
② 160° 41' 30"
③ 241° 02' 00"
40° 10' 20"

① 59° 50' 00"
② 239° 19' 30"
③ 358° 59' 45"
59° 49' 57'

① 300° 10' 00"
② 120° 40' 45"
③ 01° 01' 00"
300° 10' 10"

① 191° 52' 00"
② 47° 27' 45"
③ 71° 11' 30"
191° 51' 55"

① 49° 00' 45"
② 196° 09' 15"
③ 294° 05' 00"
49° 00' 50"



Notes Ck'd by F. CESSOR	Survey of Sand Gin Rd	F. B. 2694 Pg. 93
Map No.	JN 007564 Tape 27 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 5-7-64	
Date	Indexed C. J. GALLI	

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76F3095 CE #310 6-62

T @ T-23

HI = 5.00

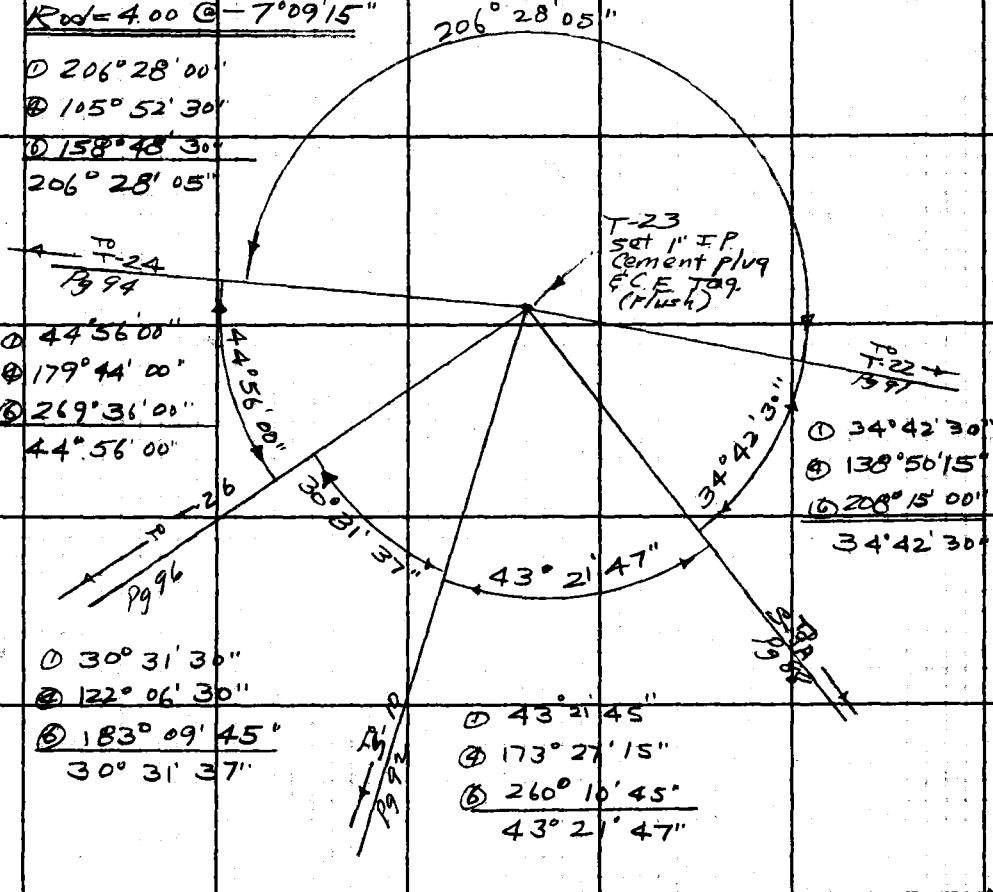
Sight on T-22
Rod = 2.00 @ + 5°05'30"
Rod = 4.00 @ + 5°12'30"

Sight on T-24
Rod = 2.00 @ — 0°29'45"
Rod = 4.00 @ — 0°22'37"

Sight on T-26
Rod = 2.00 @ — 7°17'30"
Rod = 4.00 @ — 7°09'15"

Sight on S-10
Rod = 2.00 @ — 1°38'15"
Rod = 4.00 @ — 1°33'30"

Sight on S-9A
Rod = 2.00 @ + 0°12'00"
Rod = 4.00 @ + 0°16'46"



① 206° 28' 00"
② 105° 52' 30"
③ 158° 48' 30"
206° 28' 05"

① 44° 56' 00"
② 179° 44' 00"
③ 269° 36' 00"
44° 56' 00"

① 34° 42' 30"
② 138° 50' 15"
③ 208° 15' 00"
34° 42' 30"

① 30° 31' 30"
② 122° 06' 30"
③ 183° 09' 45"
30° 31' 37"

① 43° 21' 45"
② 173° 27' 15"
③ 260° 10' 45"
43° 21' 47"

F. B. 2694 PG. 94

π @ T-24

H.I. = 5.08

Sight on T-23

Rod = 2.00 @ + 0°07' 15"

Rod = 4.00 @ + 0° 14' 30"

Sight on T-25

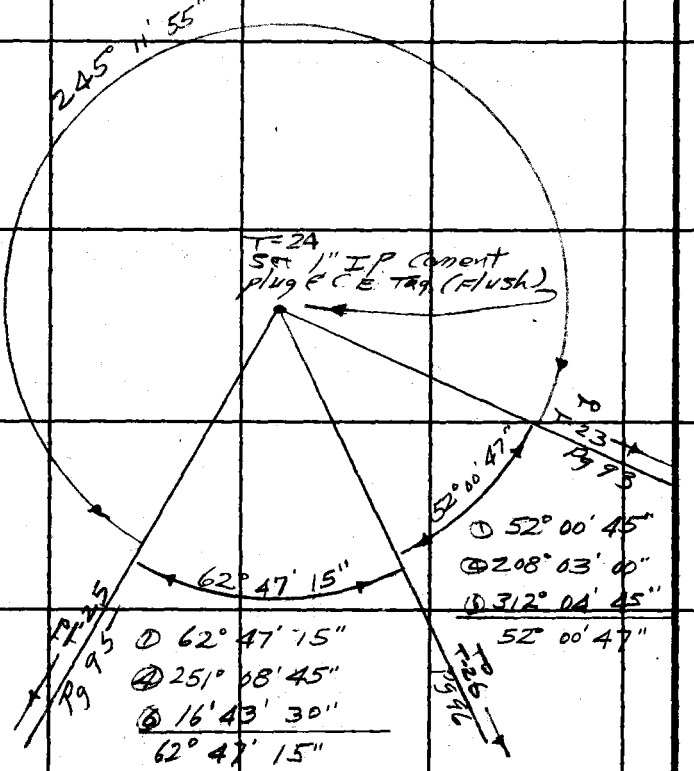
Rod = 2.00 @ − 6°07'45"

Rod = 4.00 @ − 6°00' 45"

Sight on T-26

Rod = 2.00 @ − 7°42'30"

Rod = 4.00 @ − 7°32'45"



① 245° 11' 45"
④ 260° 47' 30"
⑤ 31° 11' 30"
245° 11' 55"

① 52° 00' 45"
④ 208° 03' 00"
⑤ 312° 04' 45"
52° 00' 47"

① 62° 47' 15"
④ 251° 08' 45"
⑤ 16' 43' 30"
62° 47' 15"

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Notes Ck'd by F. CESSOR	Survey of Sand Cyn Rd	F. B. 2694 Pg. 95
Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 5-6-64	
Date	Indexed C. J. GAUDI	

π @ T-25

H. I. = 5.22

Sight on S-10

Rod = 4.00 @ + 3°19' 45"

Rod = 6.00 @ + 3°26' 00"

Sight on T-24

Rod = 4.00 @ + 5°51' 52"

Rod = 6.00 @ + 5°59' 45"

Sight on T-26

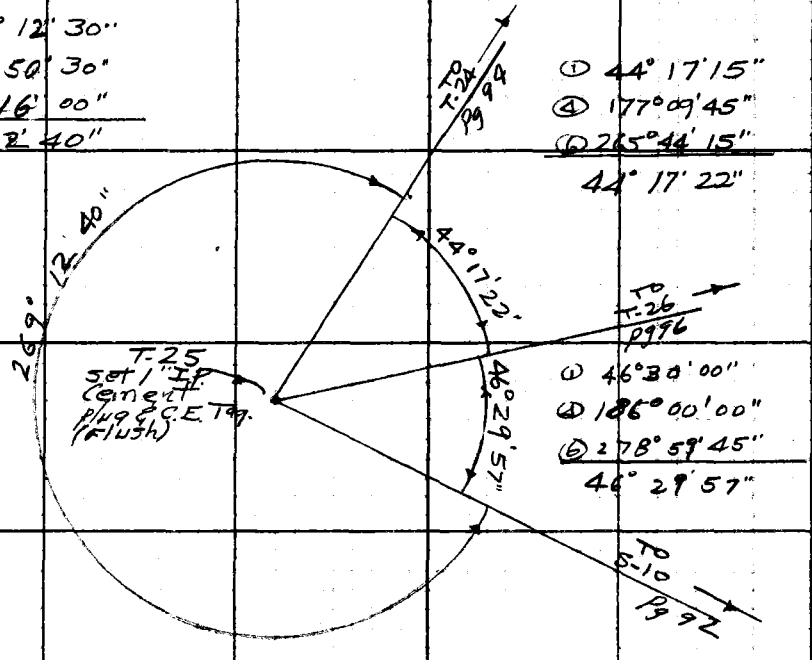
Rod = 4.00 @ + 0°27' 00"

Rod = 6.00 @ + 0°33' 45"

① 269° 12' 30"
④ 356° 50' 30"
⑥ 175° 16' 00"
269° 12' 40"

① 44° 17' 15"
④ 177° 09' 45"
⑥ 265° 44' 15"
44° 17' 22"

① 46° 30' 00"
④ 186° 00' 00"
⑥ 278° 59' 45"
46° 29' 57"



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76F309S CE #310 6-62

F. B. 2694 PG. 96

T @ T-26

H.I = 4.92

Sight on B.C.
Rod = 2.00 @ − 0°56'15"
Rod = 4.00 @ − 0°47'15"

Sight on S-10
Rod = 2.00 @ + 3°53'15"
Rod = 4.00 @ + 4°01'45"

Sight on T-23
Rod = 2.00 @ + 6°53'15"
Rod = 4.00 @ + 7°01'00"

Sight on T-24
Rod = 2.00 @ + 7°14'45"
Rod = 4.00 @ + 7°25'00"

Sight on T-25
Rod = 6.00 @ − 0°27'45"
Rod = 8.00 @ − 0°20'00"

① 318°56'45"
④ 195°46'45"
⑥ 113°40'00"
318°56'40"

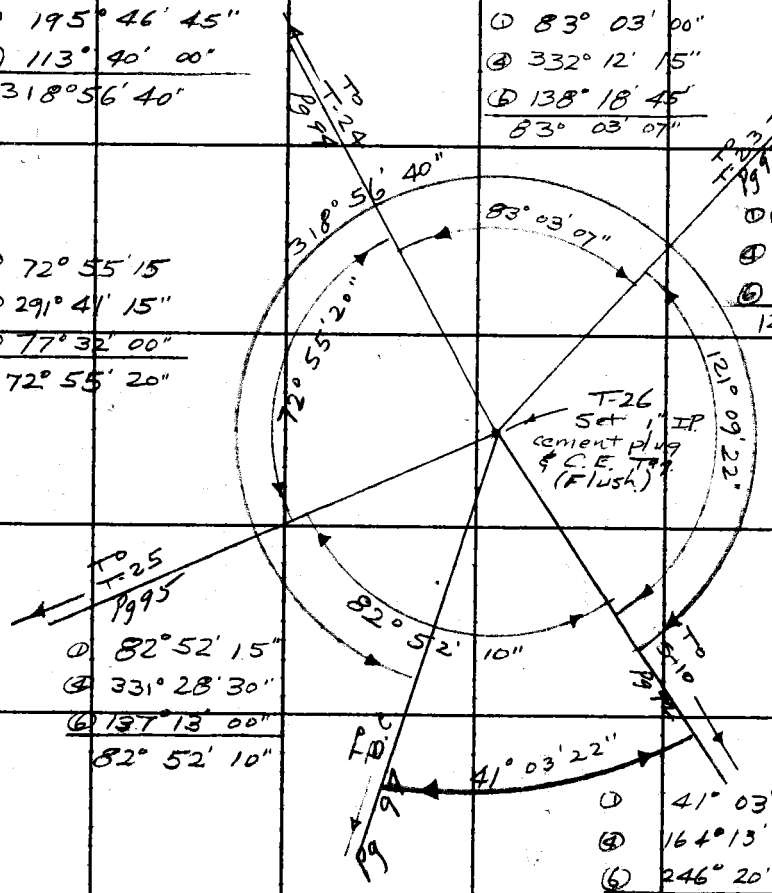
① 83°03'00"
④ 332°12'15"
⑥ 138°18'45"
83°03'07"

① 72°55'15"
④ 291°41'15"
⑥ 77°32'00"
72°55'20"

① 121°09'30"
④ 124°37'45"
⑥ 06°56'15"
121°09'22"

① 82°52'15"
④ 331°28'30"
⑥ 137°13'00"
82°52'10"

① 41°03'15"
④ 164°13'30"
⑥ 246°20'15"
41°03'22"



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Notes Ck'd by F. CESSOR	Survey of Sand Cyn. Rd.	F. B. 2694 PG. 97
Map No.	JN 0075.64 Tape 127 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 5-6-64	
Date	Indexed C. J. GALLI	

~~A @ BC~~

H.I. = 5.92

Sight on T-26
Rad = 6.00 @ + 0°42'00
Rad = 8.00 @ + 0°51'45"

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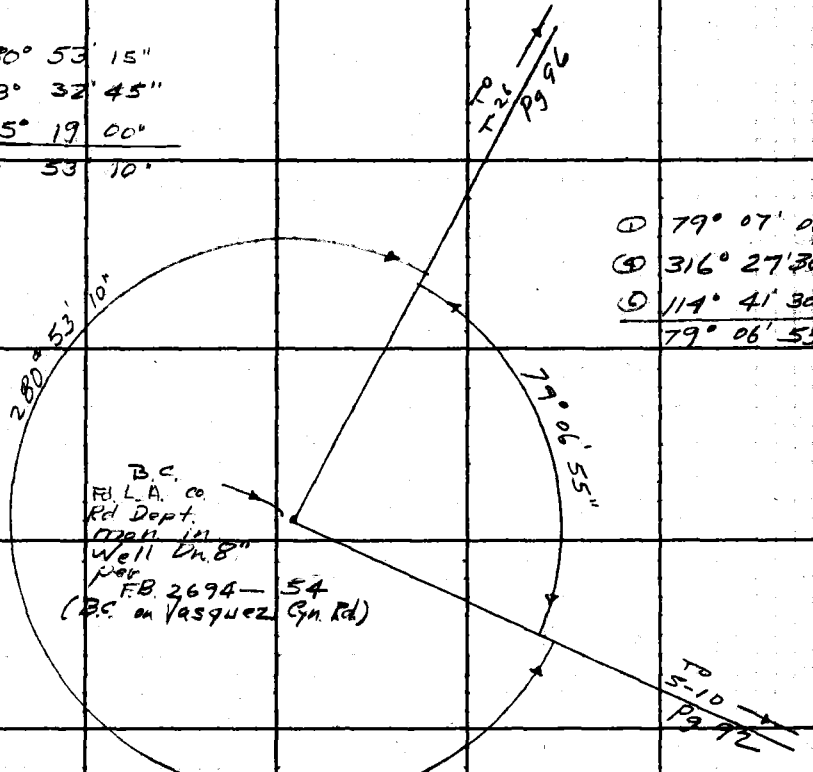

76F3095 CE #310 6-62

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F.B. 2694 PG 98

NOTES RED JOB NO. 0075.64 SURVEY OF Sand Cyn Rd. F. B. 2694 PG. 99
DATE 5-11-64 SURVEY BY W. J. Voge
NOTES CHKD F. CESSOR NOTES BY Voge DATE
DATE INDEXED B. J. GALM DATE MAY 27 '64

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765420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						LEVELS FOR SAND CYN RD.
						J.N. 0075.64
				References Used:		Party:
				U.S. 4787		W. Voge
				U.S. 4788		J. Fulton
				F.B. 1872		R. STrader
						J. Rangel

765420 S & E-353 9-55

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JOB NO. 007564 SURVEY OF Sand Cyn Rd NOTES RED. DATE 5-11-64
SURVEY BY W. J. Voge
NOTES BY Voge DATE
INDEXED J. Galli DATE
NOTES CHKD. DATE

F.B. 2694 Pg. 100

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(F8) BM U.S.4787	1568.137					BM U.S.4787 Elev = 1568.137 (1958) 1.8 mi. E. along the S.P.R.R. from Section house at Humphreys, 6 mils West of the W. end of a Wooden bridge over a private road, at 24' C.M.P. Culvert 441.24, in the top of the N. Concrete head wall 1.2' E. of the W. end, 31.6' N. of the N. rail and about 15' lower than the Track, a Brass Disk Stamped J 486 1955
+	9.350		9.821			
∧	1577.487	+ 8.804	+ 8.805			
-	0.546		1.016			
TP	1576.941					
+	9.300		9.081			
∧	1586.241	+ 3.038	+ 3.038			
-	6.262		6.043			
TP	1579.979					
+	3.281		2.957			
∧	1583.260	- 2.429	- 2.421			
-	5.701		5.378			
TP	1577.559					
+	4.055		3.860			
∧	1581.614	- 2.442	- 2.440			
-	6.497		6.300			
TP	1575.117					
+	3.568		3.383			
∧	1578.685	- 2.753	- 2.755			
-	6.321		6.138			
TP	1572.364					
+	3.743		3.550			
∧	1576.107	- 2.002	- 2.001			
-	5.745		5.551			
TP	1570.362					
+	3.890		3.649			
∧	1574.252	- 2.832	- 2.833			
-	6.722		6.482			
TP	1567.530					

765420 S & E-353 9-55

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NOTES RED DATE 5-11-64 JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd.
SURVEY BY W.J. Voge
NOTES CHK'D. CESSOR NOTES BY Voge DATE
DATE INDEXED G.J. GALL DATE

F.B. 2674 Pg. 101

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1567.530					
+	4.360		4.130			
⊼	1571.890	-2.056	-2.059			
-	6.416		6.189			
TP	1565.474					
+	4.564		4.420			
⊼	1570.038	-2.296	-2.294			
-	6.860		6.714			
TP	1563.178					
+	4.341		4.150			
⊼	1567.519	-2.599	-2.599			
-	6.940		6.749			
TP	1560.579					
+	4.062		3.903			
⊼	1564.641	-3.051	-3.052			
-	7.113		6.955			
TP						
BM. USS 4788	1557.528					B.M. USS 4788 Elev. = 1557.520 (1958)
BM. USS 4788	1557.520					1.3 mi. E. along S.P. R.R. from Section House
+	0.578		0.420			at Humphreys, 6 3/4 poles E. of the mile pole
⊼	1558.098	-9.784	-9.783			442, at Wooden Concrete & Steel structure
-	10.362		10.203			bridge 441.84 on Sand Cyn. Rd., in the
TP	1547.736					top of the N. end of the E. concrete
+	0.665		0.985			abutment. 6.1' N. of the N. rail, and
⊼	1548.401	-9.498	-9.498			about 1' lower than the track,
-	10.163		10.483			a Brass Disk Stamped H. 486 1955.
TP	1538.238					
+	5.022		4.871			
⊼	1543.260	-0.998	-0.998			
-	6.020		5.869			
TP	1537.240					

765420 S & E-353 9-55

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JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd. NOTES RED.
SURVEY BY W. J. Voge DATE 5-11-64
NOTES BY Voge DATE NOTES CHKD.
INDEXED E. J. GALLI DATE DATE

F.B. 2694 PG. 102

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1537.240					
+	5.211		5.061			
⊼	1542.451	- 1.722	- 1.721			
-	6.933		6.782			
TP	1535.518					
+	2.869		2.708			
⊼	1538.387	- 3.442	- 3.441			
-	6.311		6.149			
TP	1532.076					
+	5.891		5.759			
⊼	1537.967	+ 3.031	+ 3.032			
-	2.860		2.727			
TP	1535.107					
+	7.489		7.380			
⊼	1542.596	+ 2.759	+ 2.759			
-	4.730		4.621			
TP	1537.866					
+	6.322		6.171			
⊼	1544.188	+ 1.621	+ 1.622			
-	4.701		4.549			
TP	1539.487					
+	6.735		6.560			
⊼	1546.222	+ 3.459	+ 3.459			
-	3.276		3.101			
TP	1542.946					
+	10.992		10.876			
⊼	1553.938	+ 8.701	+ 8.699			
-	2.291		2.177			
BM NC 1059	1551.647					Description top pg. 103

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Set) BM.NC1059	1551.647					BM. N.C.1059 Elev.=
+	11.830		11.690			1200' S. on Sand Cyn. Rd. from the
⊼	1563.477	+11.330	+11.330			Int. of Sand Cyn. Rd & Soledad Cyn.
−	0.500		0.360			Rd., Fd. L.A. Co. Sur. Brass Cap mon. in
TP	1562.977					Well in pav., 1/4 Sec. Cor. Sec. 14 &
+	11.594		11.869			Sec. 23, T. 4 N., R. 15 W. Dn. 18" per
⊼	1574.571	+11.392	+11.389			F.B. 2694-29. (Held rod on ⊼)
−	0.202		0.480			
P.O.T.	1574.369					P.O.T. Elev.=
+	8.322		8.210			Fd Sq. H. & T., 402.58' North of 1/4 Cor.
⊼	1582.691	+4.053	+4.051			per F.B. 2694-29 & 59.
−	4.269		4.159			
TP	1578.422					
+	5.669		5.544			
⊼	1584.091	+0.617	+0.616			
−	5.052		4.928			
TP	1579.039					
+	5.931		5.778			
⊼	1584.970	+0.819	+0.820			
−	5.112		4.958			
T.P.	1579.858					Fd Sq. H. w & T, per F.B. 2694-29
+	6.743		6.467			
⊼	1586.601	+0.522	+0.522			
−	6.221		5.945			
(Set) BM.NC1060	1580.380					B.M. N.C.1060 Elev.=
+	7.945		7.613			At Int. of Sand Cyn. Rd. & Soledad
⊼	1588.325	−0.928	−0.928			Cyn. Rd., Fd. Div. of Hwy. Brass
−	8.873		8.541			Cap mon. in well 12" Dia., per
P.I. 19	1579.452					F.B. 2694-30. Held rod on (1A) in
						California

NOTES RED. JOB NO. 1075.64 SURVEY OF Sand Cyn. Rd.
DATE 5-11-64 SURVEY BY W. J. Yoge
NOTES CHKD. CESSOR NOTES BY Yoge DATE
DATE INDEXED C. J. GALM DATE

F. B2694 PG. 103

768420 S & E-353 9-55

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JOB NO. 00275.64 SURVEY OF Sand Cyn Rd. NOTES RED.
SURVEY BY W.J. Voge DATE 5-11-64
NOTES BY Voge DATE NOTES CHKD.
INDEXED E.J. GALL DATE DATE

F.B. 2694 Pg. 104

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
PI 19	1579.452					PI 19 Elev.
+	11.186		11.370			Fd. 1"IP Cement plug & C.E. Tag, Dn.
℄	1590.638	+ 9.745	+ 9.741			18" per FB 2694-30 & 60
-	1.441		1.629			
TP	1589.197					
+	9.070		8.927			
℄	1598.267	+ 5.527	+ 5.527			
-	3.543		3.400			
TP (BC)	1594.724					Fd. cut spk WET (Flush) per FB.
+	9.939		9.800			2694-30 & 31
℄	1604.663	+ 8.994	+ 8.993			
-	0.945		0.807			
TP	1603.718					
+	8.524		8.308			
℄	1612.242	+ 5.638	+ 5.639			
-	2.886		2.669			
TP (E.C.)	1609.356					Fd cut spk w & T (Flush) per FB
+	7.312		7.132			2694-31
℄	1616.668	+ 3.017	+ 3.017			
-	4.295		4.115			
PI 18	1612.373					PI 18 Elev =
+	6.902		6.726			Fd 2"IP Cement plug & Sq. H., Dn 6"
℄	1619.275	+ 2.177	+ 2.177			per FB 2694-31
-	4.725		4.549			
TP (BC)	1614.550					Fd. Sq. H. WET (Flush) per FB 2694-31
+	7.901		8.008			
℄	1622.451	+ 6.701	+ 6.705			
-	1.200		1.303			
TP	1621.251					

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1621.251					
+	11.504		11.785			
⊼	1632.755	+11.177	+11.175			
−	0.327		0.610			
TP	1632.428					
+	3.831		3.411			
⊼	1636.259	+1.746	+1.747			
−	2.085		1.664			
P.I. 17	1634.174					P.I. 17 Elev.=
+	2.072		1.744			Fd. 1" IP Cement plug & C.E. Tag (Flush)
⊼	1636.246	−4.231	−4.231			per F.B. 2694-32
−	6.303		5.975			
TP	1629.943					
+	7.405		7.205			
⊼	1637.348	+4.684	+4.684			
−	2.721		2.521			
TP	1634.627					
+	10.429		10.650			
⊼	1645.056	+9.639	+9.639			
−	0.790		1.011			
TP	1644.266					
+	11.180		10.895			
⊼	1655.446	+10.449	+10.446			
−	0.731		0.449			
TP	1654.715					
+	11.064		10.853			
⊼	1665.779	+9.634	+9.633			
−	1.430		1.220			
T.P.	1664.349					

NOTES RED. JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd
DATE 5-11-64 SURVEY BY W J Voge
NOTES CHKD. CESSOR NOTES BY Voge DATE
DATE INDEXED C. J. GAIN DATE

F. B. 2694 PG. 105

768420 S & E-353 9-55

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JOB NO. 2275.64 SURVEY OF Sand Cyn. Rd NOTES RED. DATE 5-11-64
SURVEY BY W.L. Voge NOTES CHKD.
NOTES BY Voge DATE
INDEXED E.J. Galli DATE

F.B. 2694 Pg. 106

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1664.349					
+	9.206		9.499			
=	1673.555	+6.212	+6.213			
−	2.994		3.286			
P.I. 16	1670.561					P.I. 16=S1 Elev=
+	8.680		8.524			Fd 1x2 & Nail (Flush) per FB 2694-33 & 58
=	1679.241	+6.730	+6.727			
T.P. (Set)	1.950		1.797			
B.M. N.C. 1061	1677.291					B.M N.C 1061 Elev.=
+	3.070		2.891			0.5 mi. N. along Sand Cyn. Rd.
=	1680.361	−3.031	−3.030			from the Int. of Sand Cyn. Rd. &
−	6.101		5.921			Soledad Cyn. Rd. West side of Rd.
T.P.	1674.260					30' South of P/L of House No. 29025
+	2.189		2.028			& 10' West of Pav., Fd. L.A. Co. Engr.
=	1676449	−3.651	−3.651			Brass Cap mon. marked B.M. 202-11
−	5.840		5.679			1962, per FB 2694-33
S-1A	1670.609					S-1A Elev=
+	7.978		8.045			Fd 1x2 & Nail per FB 2694-34
=	1678.587	+7.640	+7.640			
−	0.338		0.405			
T.P.	1678.249					
+	11.554		11.840			
=	1689.803	+11.113	+11.111			
−	0.441		0.729			
T.P.	1689.362					
+	11.376		11.852			
=	1700.738	+11.119	+11.120			
−	0.257		0.732			
T.P.	1700.481					

765420 S & E-353 9-55

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NOTES RED. DATE 5-12-64 JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd
SURVEY BY W J Voge
NOTES CHKD. F. CESSOR NOTES BY Voge DATE
DATE INDEXED E. J. GALL DATE

F. B. 2694 PG. 107

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1700.481					
+	11.211		11.521			
⊼	1711.692	+10.922	+10.922			
−	0.289		0.599			
T.P.	1711.403					
+	11.777		11.968			
⊼	1723.180	+11.390	+11.389			
−	0.387		0.579			
T.P.	1722.793					
+	11.940		11.881			
⊼	1734.733	+11.551	+11.551			
−	0.389		0.330			
T.P.	1734.344					
+	11.401		11.787			
⊼	1745.745	+10.902	+10.905			
−	0.499		0.882			
S-2	1745.246					S-2 Elev.=
+	10.189		10.500			Fd. 1" I.P., Cement plug & C.E. Tag (Flush)
⊼	1755.435	+8.393	+8.396			per F.B. 2694-35 & 66
−	1.796		2.104			
T.P.	1753.639					
+	4.479		4.210			
⊼	1758.118	−1.829	−1.829			
−	6.308		6.039			
S-2A	1751.810					S-2A Elev.=
+	11.688		11.840			Fd. 1x2" Nail (Flush) per F.B. 2694-35
⊼	1763.498	+11.368	+11.369			
−	0.320		0.471			
T.P.	1763.178					

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JOB NO. 0075.69 SURVEY OF Sand Cyn Rd NOTES RED.
SURVEY BY W.J. Voge DATE 5-12-64
NOTES BY Voge DATE NOTES CHKD.
INDEXED E.J. Cahill DATE DATE

F.B. 2694 PG. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1763.178					
+	11.650		11.877			
⊼	1774.828	+ 11.450	+11.454			
−	0.200		0.423			
T.P.	1774.628					
+	11.987		11.874			
⊼	1786.615	+ 11.381	+ 11.379			
−	0.606		0.495			
T P	1786.009					
+	2.610		2.878			
⊼	1788.619	+ 1.492	+ 1.490			
−	1.118		1.388			
S-2B	1787.501					S-2B Elev.=
+	11.921		11.864			Fd. 1x2 ¢ Nail (Flush) per FB 2694-36
⊼	1799.422	+ 11.495	+11.494			
−	0.426		0.370			
T P	1798.996					
+	11.264		11.535			
⊼	1810.260	+10.715	+10.716			
−	0.549		0.819			
T P	1809.711					
+	7.526		7.651			
⊼	1817.237	+ 3.671	+3.670			
−	3.855		3.981			
S-3	1813.382					S-3 Elev.=
+	1.826		1.626			Fd. 1" IP cement plug ¢ C.E. Tag (Hush)
⊼	1815.208	- 9.701	- 9.702			per F.B. 2694-36 ¢ 89.
−	11.527		11.328			
T P	1803.681					

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NOTES RED DATE 5-12-64 JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd.
SURVEY BY W.J. Voge
NOTES CHKD. CESSOR NOTES BY W.J. Voge DATE
DATE C. J. GALLI DATE
INDEXED DATE

F.B. 2694 Pg. 109

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1803.681					
+	0.341		0.645			
=	1804.022	-10.600	-10.601			
-	10.941		11.246			
TP	1793.081					
+	3.194		2.970			
=	1796.275	-4.341	-4.340			
-	7.535		7.310			
S-3A	1788.740					S-3A Elev.=
+	3.831		3.109			Fd 1x2 & Nail (Flush) per FB 2694-37
=	1792.571	-4.965	-4.966			
-	8.796		8.075			
S-3B	1783.775					S-3B Elev.=
+	0.468		0.638			Fd 1" IP cement plug & C.E. Tag (FLUSH)
=	1784.243	-10.964	-10.965			per FB 2694-37
-	11.432		11.603			
TP	1772.811					
+	0.275		0.340			
=	1773.086	-11.237	-11.236			
-	11.512		11.576			
TP	1761.574					
+	0.500		0.709			
=	1762.074	-10.563	-10.560			
-	11.063		11.269			
TP	1751.011					
+	2.529		2.400			
=	1753.540	-6.060	-6.061			
-	8.589		8.461			
BM NC1062	1744.951					B.M. N.C 1062 Elev.=
						Description Next Page.

769420 S & E-353 9-55

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JOB NO. 10 7564 SURVEY OF Sand Cyn Rd NOTES RED. DATE 5-12-64
SURVEY BY W.L. Voge
NOTES BY Voge DATE NOTES CHKD. DATE
INDEXED C.J. GALLI DATE

F.B. 2694 Pg. 110

B.M. (Sta)	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. NC 1062	1744.951					0.8 mi. N. along Sand Cyn. Rd from Soledad Cyn. Rd. & Sand Cyn. Rd. Int., thence N.E. 1/4 1000'± along main Canyon, and 50'± N. from bottom of creek, Fd. L.A. Co. Sur. Brass Cap mon., up 6", Sec. Cor. 11 12 14 13 T. 4 N. R. 15 W. per FB 2694-7, 37, & 73. Held Rod on "C" of County.
+	11.164		11.297			
⊼	1756.115	+10.891	+10.892			
−	0.273		0.405			
⊥P	1755.842					
+	11.852		11.954			
⊼	1767.694	+11.482	+11.482			
−	0.370		0.472			
⊥P	1767.324					
+	11.957		11.969			
⊼	1779.281	+11.618	+11.618			
−	0.339		0.351			
⊥P	1778.942					
+	11.763		11.815			
⊼	1790.705	+11.336	+11.337			
−	0.427		0.478			
⊥P	1790.278					
+	11.607		11.777			
⊼	1801.885	+11.431	+11.429			
−	0.176		0.348			
⊥P	1801.709					
+	11.294		11.352			
⊼	1813.003	+10.956	+10.957			
−	0.338		0.395			
⊥P	1812.665					
+	8.324		8.796			
⊼	1820.989	+5.028	+5.028			
−	3.296		3.768			
S-3C	1817.693					S-3C Elev.= Fd. 1x2 & Nail (flush) per FB 2694-38

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NOTES RED. DATE 5-12-64 JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd.
NOTES CHKD. F. CESSOR SURVEY BY W.J. Voge
NOTES BY Voge
DATE INDEXED C. J. GALLI DATE DATE

F.B. 2694 Pg. 111

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
S-3C	1817.693					
+	11.314		11.551			
⊼	1829.007	+11.023	+11.023			
−	0.291		0.528			
TP	1828.716					
+	11.749		11.833			
⊼	1840.465	+11.020	+11.021			
−	0.729		0.812			
T.P.	1839.736	−				
+	3.790		3.958			
⊼	1843.526	+1.557	+1.556			
−	2.233		2.402			
S-3D-B-1	1841.293					S-3 D-B-1 Elev.=
+	11.837		11.906			Fd 1" I.P. Cement plug & C.E. Tag (Flush)
⊼	1853.130	+11.467	+11.466			per F.B. 2694-11 & 39
−	0.370		0.440			
TP	1852.760					
+	9.201		9.671			
⊼	1861.961	+2.618	+2.613			
−	6.583		7.058			
S-4	1855.378					S-4 Elev.=
+	0.323		0.258			Fd. 1" IP Cement p/ug & C.E. Tag
⊼	1855.701	−11.492	−11.492			(Flush) per FB #694-40 & 74
−	11.815		11.750			
TP	1843.886					
+	2.396		2.287			
⊼	1846.282	−9.246	−9.247			
−	11.642		11.534			
T.P.	1834.640					

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JOB NO. 0275.64 SURVEY OF Sand Cyn. Rd. NOTES RED.
SURVEY BY W.H. Voge DATE 5-12-64
NOTES BY Voge DATE NOTES CHKD.
INDEXED C. J. CALL DATE DATE

F.B. 2694 Pg. 112

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1834.640					
+	4.410		4.536			
⊼	1839.050	- 7.005	- 7.005			
−	11.415		11.541			
TP	1827.635					
+	0.411		0.623			
⊼	1828.046	-6.445	-6.447			
−	6.856		7.070			
S-4A	1821.190					S-4A Elev.=
+	1.108		1.540			Fd. 1x2 & Nail (Flush) per F.B. 2694-40
⊼	1822.298	- 7.895	-7.898			
−	9.003		9.438			
TP	1813.295					
+	0.197		0.650			
⊼	1813.492	-10.534	-10.533			
−	10.731		11.183			
TP	1802.761					
+	3.183		3.330			
⊼	1805.944	- 5.163	- 5.163			
−	8.346		8.493			
S-4B	1797.598					S-4B Elev.=
+	11.629		11.837			Fd. 1x2 & Nail (Flush) per F.B. 2694-41
⊼	1809.227	+11.449	+11.448			
−	0.180		0.389			
TP	1809.047					
+	11.888		11.966			
⊼	1820.935	+11.582	+11.581			
−	0.306		0.385			
TP	1820.629					

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NOTES RED. DATE 5/3-64 JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd.
NOTES CHKD. CESSOR NOTES BY Vogt SURVEY BY W.J. Vogt
DATE INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1820.629					
+	11.961		11.974			
⊼	1832.590	+11.741	+11.742			
−	0.220		0.232			
TP	1832.370					
+	11.461		11.304			
⊼	1843.831	+10.948	+10.946			
−	0.513		0.358			
TP	1843.318					
+	5.097		4.976			
⊼	1848.415	+2.407	+2.405			
−	2.690		2.571			
(Both) BM.N.C.1063	1845.725					B.M. N.C. 1063 Elev.=
+	7.602		7.410			0.8 mi. N. along Sand Cyn. Rd. from Int
⊼	1853.327	+6.022	+6.023			of Soledad Cyn. Rd. & Sand Cyn. Rd.,
−	1.580		1.387			thence N.E'ly 2400 ± along main Canyon
TP	1851.747					and 150' ± N.W. from bottom of Creek,
+	4.263		4.500			Fd. L.A. Co. Engr Brass Cap mon. (BM)
⊼	1856.010	−2.270	−2.269			up 3", per FB 2694-41
−	6.533		6.769			
S-5	1849.477					S-5 Elev.=
+	10.902		10.228			Fd. 1" IP cement plug & C.E. Tag (Flush)
⊼	1860.379	+8.234	+8.238			per FB 2694-41 & 77
−	2.668		1.990			
TP	1857.711					
+	8.082		7.828			
⊼	1865.793	+5.879	+5.879			
−	2.203		1.949			
S-5A	1863.590					S-5A Elev.=
						Fd. 1/2" Nail (Flush) per FB 2694-42

F.B. 2694 Pg. 13

765420 S & E-353 9-55

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JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd. NOTES RED.
SURVEY BY W.J. Voge DATE 5-13-64
NOTES BY Voge NOTES CHKD.
INDEXED J. GALLI DATE DATE

F.B. 2694 Pg. 114

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
S-5A	1863.590					
+	11.941		11.829			
⊼	1875.531	+11.532	+11.531			
−	0.409		0.298			
TP	1875.122					
+	11.594		11.514			
⊼	1886.716	+11.054	+11.053			
−	0.540		0.461			
TP	1886.176					
+	11.883		11.913			
⊼	1898.059	+11.606	+11.605			
−	0.277		0.308			
TP	1897.782					
+	11.842		11.687			
⊼	1909.624	+11.296	+11.296			
−	0.546		0.391			
TP	1909.078					
+	11.303		11.180			
⊼	1920.381	+7.655	+7.656			
−	3.648		3.524			
TP	1916.733					
+	10.989		11.179			
⊼	1927.722	+4.507	+4.508			
−	6.482		6.671			
S-5B	1921.240					S-5B Elev.
+	1.469		1.455			Fd: 1x2 ℄ Nail (Flush) per F.B. 2694-42
⊼	1922.709	−10.206	−10.206			
−	11.675		11.661			
TP	1911.034					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1911.034					
+	3.387		3.609			
⊼	1914421	-5.732	-5.733			
−	9.119		9.342			
S-5C	1905.302					S-5C Elev.=
+	11.506		11.441			Rd. 1x2 & Nail (Flush) per FB 2694-43
⊼	1916.808	+10.776	+10.775			
−	0.730		0.666			
T.P	1916.078					
+	11.572		11.735			
⊼	1927.650	+11.342	+11.342			
−	0.230		0.393			
T.P	1927.420					
+	11.657		11.862			
⊼	1939.077	+11.304	+11.304			
−	0.353		0.558			
T.P	1938.724					
+	11.900		11.768			
⊼	1950.624	+11.267	+11.267			
−	0.633		0.501			
T.P	1949.991					
+	11.781		11.995			
⊼	1961.772	+11.537	+11.535			
−	0.244		0.460			
T.P	1961.528					
+	11.961		11.973			
⊼	1973.489	+11.741	+11.741			
−	0.220		0.232			
T.P	1973.269					

NOTES RED JOB NO. 2075.64 SURVEY OF Sand Cyn. Rd.
DATE 5-13-64 SURVEY BY W. J. Voge
NOTES CHKD. C. CESSOR NOTES BY Voge DATE
DATE INDEXED C. J. GALM DATE

F. B. 2694 PG. 115

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JOB NO. 0075.64 SURVEY OF Sand Cyn Rd NOTES RED. DATE 5-13-64
SURVEY BY W. L. Voge NOTES CHKD. DATE
NOTES BY Voge DATE
INDEXED C. J. Gault DATE

F.B. 2694 PG. 116

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1973.269					
+	11.506		11.636			
↑	1984.775	+ 8.829	+ 8.827			
−	2.677		2.809			
TP	1982.098					
+	7.577		7.438			
↑	1989.675	+ 4.682	+ 4.687			
−	2.895		2.751			
S-C	1986.780					S-6 Elev.=
+	0.600		0.707			Fd. 1" IP, cement plug, & C.E. Tag (Flush)
↑	1987.380	− 11.050	− 11.052			per F.B. 2694-43 & 78
−	11.650		11.759			
TP	1975.730					
+	0.751		1.154			
↑	1976.481	− 9.228	− 9.228			
−	9.979		10.382			
S-6A	1966.502					S-6A Elev.=
+	11.830		11.683			Fd. 1x2 & Nail (Flush) per FB 2694-44
↑	1978.332	+ 11.330	+ 11.229			
−	0.500		0.354			
TP	1977.832					
+	11.752		11.650			
↑	1989.584	+ 11.351	+ 11.350			
−	0.401		0.300			
TP	1989.183					
+	11.141		11.299			
↑	2000.324	+ 10.524	+ 10.522			
−	0.617		0.777			
TP	1999.707					

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DATE 5-13-64 SURVEY BY W. J. Voge
NOTES CHKD. E. CESSOR NOTES BY Voge DATE
DATE _____ INDEXED W. J. GAIN DATE

F.B. 2694 PG. 117

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1999.707					
+	11.747		11.699			
℄	2011.454	+11.286	+11.287			
−	0.461		0.412			
T.P.	2010.993					
+	11.195		11.516			
℄	2022.188	+10.923	+10.923			
−	0.272		0.593			
T.P.	2021.916					
+	8.509		8.620			
℄	2030.425	+5.475	+5.475			
−	3.034		3.145			
S-7	2027.391					S-7 Elev.=
+	0.382		0.455			Fd. 1" IP, Cement plug & C.E. Tag (Flash)
℄	2027.773	−11.325	−11.325			per RB 2694-44
−	11.707		11.780			
T.P.	2016.066					
+	0.960		0.950			
℄	2017.026	−10.740	−10.740			
−	11.700		11.690			
T.P.	2005.326					
+	0.567		0.771			
℄	2005.893	−10.824	−10.829			
−	11.391		11.600			
T.P.	1994.502					
+	0.465		0.626			
℄	1994.967	−11.185	−11.184			
−	11.650		11.810			
T.P.	1983.317					

765420 S & E-353 9-55

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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

JOB NO. 00756.64 SURVEY OF Sand Cyn. Rd. NOTES RED.
SURVEY BY W. J. Vogt DATE 5-13-64
NOTES BY Vogt DATE NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2694 Pg. 118

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1983.317					
+	0.481		0.450			
✕	1983.798	-11.208	-11.210			
-	11.689		11.660			
TP	1972.109					
+	0601		0.541			
✕	1972.710	-10.863	-10.866			
-	11.464		11.407			
TP	1961.246					
+	0.249		0.278			
✕	1961.495	-11.636	-11.635			
-	11.885		11.913			
TP	1949.610					
+	5.050		4.969			
✕	1954.660	-1.200	-1.198			
-	6.250		6.167			
S-7A	1948.410					S-7A Elev.=
+	0.716		0.530			Fd. 1x2 & Nail (Flush) per FB 2694-45
✕	1949.126	-10.876	-10.876			
-	11.592		11.406			
TP	1937.534					
+	3.382		3.998			
✕	1940.916	-3.093	-3.092			
BM	6.475		7.090			
BM N.C. 1064	1934.441					BM. N.C. 1064 Elev.=
+	11.222		11.411			0.1 mi N. along Sierra Hwy. from Int. of
✕	1945.663	+10.876	+10.878			Sierra Hwy. & Vasquez Cyn. Rd. to Baker Cyn.,
-	0.346		0.533			E. 0.4 mi on dirt Rd. to House No. 18000, thru fence
TP	1945.317					on dirt Rd. 0.2 mi S'ly, 900±', S'ly along main
						Canyon & 100' E. of Creek Bottom, Fd. L.A. C. Eng. Brass

76S420 S & E-353 9-55

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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.	1945.317					
+	11.883		11.772			
⊼	1957.200	+11.291	+11.290			
-	0.592		0.482			
TP	1956.608					
+	11.890		11.780			
⊼	1968.498	+11.542	+11.542			
-	0.348		0.238			
TP	1968.150					
+	11.474		11.760			
⊼	1979.624	+11.294	+11.294			
-	0.180		0.466			
TP	1979.444					
+	11.349		11.592			
⊼	1990.793	+11.175	+11.173			
-	0.174		0.419			
TP	1990.619					
+	11.761		11.713			
⊼	2002.380	+11.334	+11.335			
-	0.427		0.378			
TP	2001.953					
+	10.428		10.679			
⊼	2012.381	+10.110	+10.110			
-	0.318		0.569			
TP	2012.063					
+	11.974		11.751			
⊼	2024.037	+11.248	+11.249			
-	0.726		0.502			
TP	2023.311					

NOTES RED. JOB NO. 0075.64 SURVEY OF Sand Gyn Rd
DATE 5-14-64 SURVEY BY W. J. Vogt
NOTES CHKD. E. CESSOR NOTES BY Vogt DATE
DATE INDEXED C. J. GALLI DATE

F. B. 2694 PG. 119

JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd. NOTES RED.
SURVEY BY W. J. Voge DATE 5-14-64
NOTES BY Voge DATE NOTES CHKD.
INDEXED J. GALLI DATE DATE

F.B. 2694 PG. 120

768420 S & E-353 9-55

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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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2023.311					
+	11.721		12.000			
π	2035.032	+11.520	+11.520			
−	0.201		0.480			
TP	2034.831					
+	11.806		11.795			
π	2046.637	+10.430	+10.430			
−	1.376		1.365			
S-8	2045.261					S-8 Elev=
+	1.311		1.320			Fd 1" I.P., Cement plug & C. E. Tag, (Flush)
π	2046.572	−10.467	−10.466			per F.B. 2694-45 & 82
−	11.778		11.786			
TP	2034.794					
+	0.600		0.480			
π	2035.394	−10.588	−10.587			
−	11.188		11.067			
TP	2024.206					
+	0.250		0.229			
π	2024.456	−11.031	−11.031			
−	11.281		11.260			
TP	2013.175					
+	0.350		0.537			
π	2013.525	−10.977	−10.978			
−	11.327		11.515			
TP	2002.198					
+	0.281		0.220			
π	2002.479	−11.471	−11.469			
−	11.752		11.689			
TP	1990.727					

765420 S & E-353 9-55

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NOTES RED DATE 5-14-64 JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd.
DATE SURVEY BY W.J. Voge
NOTES CHKD. CESSOR NOTES BY Voge DATE
DATE INDEXED E. J. GALLI DATE

F.B. 2694 PG. 121

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1990.727					
+	0.362		0.848			
✗	1991.089	-10.501	-10.497			
-	10.863		11.345			
TP	1980.226					
+	0.850		0.701			
✗	1981.076	- 9.515	- 9.514			
-	10.365		10.215			
TP	1970.711					
+	2.359		2.229			
✗	1973.070	- 6.245	-6.244			
-	8.604		8.473			
S-8A	1964.466					S-8A Elev.=
+	0.816		0.932			Fd. 1x2 & Nail (flush) per F.B. 2694-46
✗	1965.282	- 10.949	-10.949			
-	11.765		11.881			
TP	1953.517					
+	1.021		1.530			
✗	1954.538	- 9.928	- 9.929			
-	10.949		11.459			
TP	1943.589					
+	10.591		10.536			
✗	1954.180	- 1.048	- 1.047			
-	11.639		11.583			
TP	1942.541					
+	0.704		0.649			
✗	1943.245	-10866	-10.864			
-	11.570		11.513			
TP	1931.675					

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JOB NO. 0275.64 SURVEY OF Stud Gym Rd. NOTES RED. DATE 5-14-64
SURVEY BY R.J. Vogt
NOTES BY Vogt DATE NOTES CHKD. DATE
INDEXED G. J. GALLI DATE

F.B. 2694 Pg. 122

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1931.675					
+	2.307		2.209			
↗	1933.982	- 6.085	- 6.085			
-	8.392		8.294			
S-8B	1925.590					S-8B Elev.=
+	0.520		0.665			Fd. 1x2 & Nail (Flush) per FB 2694 - 46
↗	1926.110	- 10.953	- 10.953			
-	11.473		11.618			
TP	1914.637					
+	1.490		1.546			
↗	1916.127	- 9.701	- 9.703			
-	11.191		11.249			
S-8C	1904.936					S-8C Elev.=
+	0.577		0.468			Fd. 1x2 & Nail (Flush) per FB 2694 - 47
↗	1905.513	- 10.614	- 10.619			
-	11.191		11.087			
TP	1894.322					
+	0.335		0.665			
↗	1894.657	- 11.330	- 11.328			
-	11.665		11.993			
TP	1882.992					
+	0.284		0.204			
↗	1883.276	- 11.338	- 11.338			
-	11.622		11.542			
TP	1871.654					
+	0.197		0.352			
↗	1871.851	- 11.579	- 11.579			
-	11.776		11.931			
TP	1860.075					

765420 S & E-353 9-55

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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.	1860.075					
+	0.355		0.620			
⊼	1860430	-10.809	-10.809			
-	11.164		11.429			
TP	1849.266					
+	0.751		0.570			
⊼	1850.017	-10.631	-10.630			
-	11.382		11.200			
TP	1838.635					
+	1.968		1.794			
⊼	1840603	-9.733	-9.733			
-	11.701		11.527			
TP	1828.902					
+	0.210		0.558			
⊼	1829.112	-10.933	-10.932			
-	11.143		11.490			
TP	1817.969					
+	0.360		0.253			
⊼	1818.329	-2.823	-2.824			
-	3.183		3.077			
S-8D	1815.146					S-8D Elev.=
+	0.406		0.202			Fd. 1x2 & Nail (Flush) per FB 2694-47
⊼	1815552	-10693	-10.694			
(Set)	11.099		10.896			
BM. NC 1065	1804.453					BM. NC 1065 Elev.=
+	11.280		11.467			0.1 mi± N along Sierra Hwy from Int of Vasquez
⊼	1815733	+10.890	+10.888			Cyn. Rd & Sierra Hwy., to Baker Cyn., E. along dirt Rd
-	0.390		0.579			0.3 mi±, 65.600'± to House #15940, SW'ly 200'±
TP	1815.343					to top of spur, Fd L.A.C. Eng. Brass Cap mon.
						(B.M.). Flush per FB 2694-48

NOTES RED DATE 5-14-64 JOB NO. 007564 SURVEY OF Sand Cyn. Rd.
DATE SURVEY BY W. J. Vogel
NOTES CHKD. C. CESSOR NOTES BY Vogel DATE
DATE INDEXED C. J. CALL DATE

F.B. 2694 Pg. 123

768420 S & E-353 9-55

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JOB NO. 007569 SURVEY OF Sand Cyn. Rd NOTES RED.
SURVEY BY W. J. Voge DATE 5-15-64
NOTES BY Voge DATE NOTES CHKD.
INDEXED E. J. GALLI DATE DATE

F.B. 2694 Pg. 124

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1815.343					
+	10.135		10.250			
⊼	1825.378	+9.377	+9.378			
−	0.658		0.872			
TP	1824.720					
+	7.894		8.279			
⊼	1832.614	+5.111	+5.111			
−	2.783		3.168			
S-9	1829.831					S-9 Elev.=
+	8.675		8.449			Fd. 1" I.P., Cement plug & C.E. Tag (Flush)
⊼	1838.506	+3.757	+3.758			per FB 2694- 48 & 87
−	4.918		4.691			
S-9A	1833.588					S-9A Elev.=
+	0.748		0.685			Fd. 1x2 & Na.L (Flush) per FB 2694- 49 & 88
⊼	1834.336	−10.324	−10.324			
−	11.072		11.009			
TP	1823.264					
+	0.266		0.196			
⊼	1823.530	−11.655	−11.654			
−	11.921		11.850			
TP	1811.609					
+	1.270		1.550			
⊼	1812.879	−10.176	−10.175			
−	11.446		11.725			
TP	1801.433					
+	0.245		0.383			
⊼	1801.678	−11.423	−11.424			
−	11.668		11.807			
TP	1790.010					

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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.	1790.010					
+	0.323		0.564			
⊼	1790.333	-11.266	-11.271			
−	11.589		11.835			
TP	1778.744					
+	0.453		0.395			
⊼	1779.197	-11.332	-11.333			
−	11.785		11.728			
TP	1767.412					
+	0.182		0.485			
⊼	1767.594	-11.098	-11.098			
−	11.280		11.583			
TP	1756.314					
+	3.559		3.493			
⊼	1759.873	-3.254	-3.255			
−	6.813		6.748			
S-9B	1753.060					S-9B Elev.=
+	3.960		3.840			Fd. 1" I.P., cement plug & C.E. tag (Flush)
⊼	1757.020	+2.897	+2.898			per F.B. 2694-50
−	1.063		0.942			
TP	1755.957					
+	10.933		11.086			
⊼	1766.890	+10.258	+10.257			
−	0.675		0.829			
TP	1766.215					
+	9.443		9.342			
⊼	1775.658	+4.990	+4.990			
−	4.453		4.352			
S-9C	1771.205					S-9C Elev.=
						Fd. 1x2 & Nail (Flush) per F.B. 2694-51

NOTES RED ____ JOB NO. 0075.64 SURVEY OF Sand Gyn. Rd.
DATE 5-15-64 SURVEY BY W. J. Vogel
NOTES CHK'D F. CESSOR NOTES BY Vogel DATE
DATE ____ INDEXED C. J. GALLI DATE

F. B. 2694 PG. 125

769420 S & E-353 9-55

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JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd. NOTES RED.
SURVEY BY W. J. Voge DATE 5-15-64
NOTES BY Voge DATE NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2694 PG. 126

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
S-9C	1771.205					
+	2.195		2.058			
✕	1773.400	-9.306	-9.305			
-	11.501		11.363			
TP	1761.899					
+	0.552		0.490			
✕	1762.451	-11.258	-11.257			
-	11.810		11.747			
TP	1750.641					
+	11.141		1.051			
✕	1751.782	-9.335	-9.337			
-	10.476		10.388			
TP	1741.306					
+	4.738		4.599			
✕	1746.044	-2.446	-2.447			
-	7.184		7.046			
S-9D	1738.860					S-9D Elev.=
+	4.274		4.348			Pd. 1x2 & Nail (Mush) pe FB 2694 - 51 & 89
✕	1743.134	+3.904	+3.899			
-	0.370		0.449			
TP	1742.764					
+	11.472		11.615			
✕	1754.236	+10.829	+10.829			
-	0.643		0.786			
TP	1753.593					
+	10.152		9.989			
✕	1763.745	+9.462	+9.461			
-	0.690		0.528			
TP	1763.055					

763420 S & E-353 9-55

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NOTES RED DATE 5-15-64 JOB NO. 007 5.64 SURVEY OF Sand Cyn. Rd.
DATE 5-15-64 SURVEY BY W.J. Voge
NOTES CHKD. C. CESSOR NOTES BY Voge DATE
DATE INDEXED G.J. CALLI DATE

F.B. 2694 Pg. 127

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1763.055					
+	11.369		11.659			
✶	1774.424	+10.869	+10.871			
-	0.500		0.788			
TP	1773.924					
+	10.006		9.751			
✶	1783.930	+ 6.916	+ 6.915			
-	3.090		2.836			
TP	1780840					
+	7.250		7.474			
✶	1788.090	+4.650	+ 4.651			
-	2.600		2.823			
S-10	1785.490					S-10 Elev.=
+	0.377		0.548			Fd 1"IP Cement plug & C.E. Tag, (Flush)
✶	1785.867	-9.257	-9.255			per FB 2694-52 & 92
-	9.634		9.803			
TP	1776.233					
+	0.495		0.419			
✶	1776.728	-11.348	- 11.349			
-	11.843		11.768			
TP	1764.885					
+	0.438		0.370			
✶	1765.323	-11.304	-11.306			
-	11.742		11.676			
TP	1753.581					
+	1.348		1.177			
✶	1754.929	-10.299	-10.298			
-	11.647		11.475			
TP	1743.282					

JOB NO. 0075.64 SURVEY OF Sand Cyn. Rd. NOTES RED. DATE 5-15-64
SURVEY BY W. J. Voge NOTES CHKD. DATE
NOTES BY Voge DATE
INDEXED J. GAIN DATE

F. B. 2694 PG. 128

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1743.282					
+	0.350		0.475			
⊼	1743.632	−11.452	−11.453			
−	11.802		11.928			
TP	1731.830					
+	0.247		0.561			
⊼	1732.077	−6.398	−6.399			
−	6.645		6.960			
TP	1725.432					
+	3.600		3.410			
⊼	1729.032	−5.900	−5.900			
−	9.500		9.310			
TP	1719.532					
+	2.416		2.235			
⊼	1721.948	−0.725	−0.726			
−	3.141		2.961			
Int. Vasquez & Sierra	1718.807					Int. Vasquez Cyn. Rd. & Sierra Hwy. Elev =
+	3.877		3.590			Fd. Spk. & T Dn. 1" per FB 2694-53
⊼	1722.684	−3.891	−3.890			
−	7.768		7.480			
B.C.	1714.916					B.C. Elev =
+	8.031		7.890			B.C. of Vasquez Canyon Rd., Fd. Std.
⊼	1722.947	+4.493	+4.491			R.D. Brass Cap mon. in well, dn 8" per
−	3.538		3.399			FB 2694-54 & 97 (Non Adjusted)
B.M. V-1	1719.409					B.M. V-1 Elev. = 1719.644 (1955)
						Mint Cyn. Hwy. E'ly side, 1000'± N'ly
						int. Sand Cyn. Rd. at end White rail fence,
						toe of N'ly slope of hill 27'± S'ly &
						18' E'ly of Tel. pole #443662 H. Fd. 2" IP
						& B.C. in conc. marked Vol per FB 1872-46

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

Survey of Sand Cyn Rd
JN 00764 Tape 143 Std 84 °F
Surveyed by W. J. Voge
Notes Voge Date 11-18-64
Indexed C. J. GALLI DEC 3 '64

F. B. 2694 PG. 131

SAND CYN. RD

PROFILE CHECK

J.N 00764

Party.
W. Voge
J. Fulton
I. Rangel
R. Strader

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 this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-63

F. B. 2694 PG. 132

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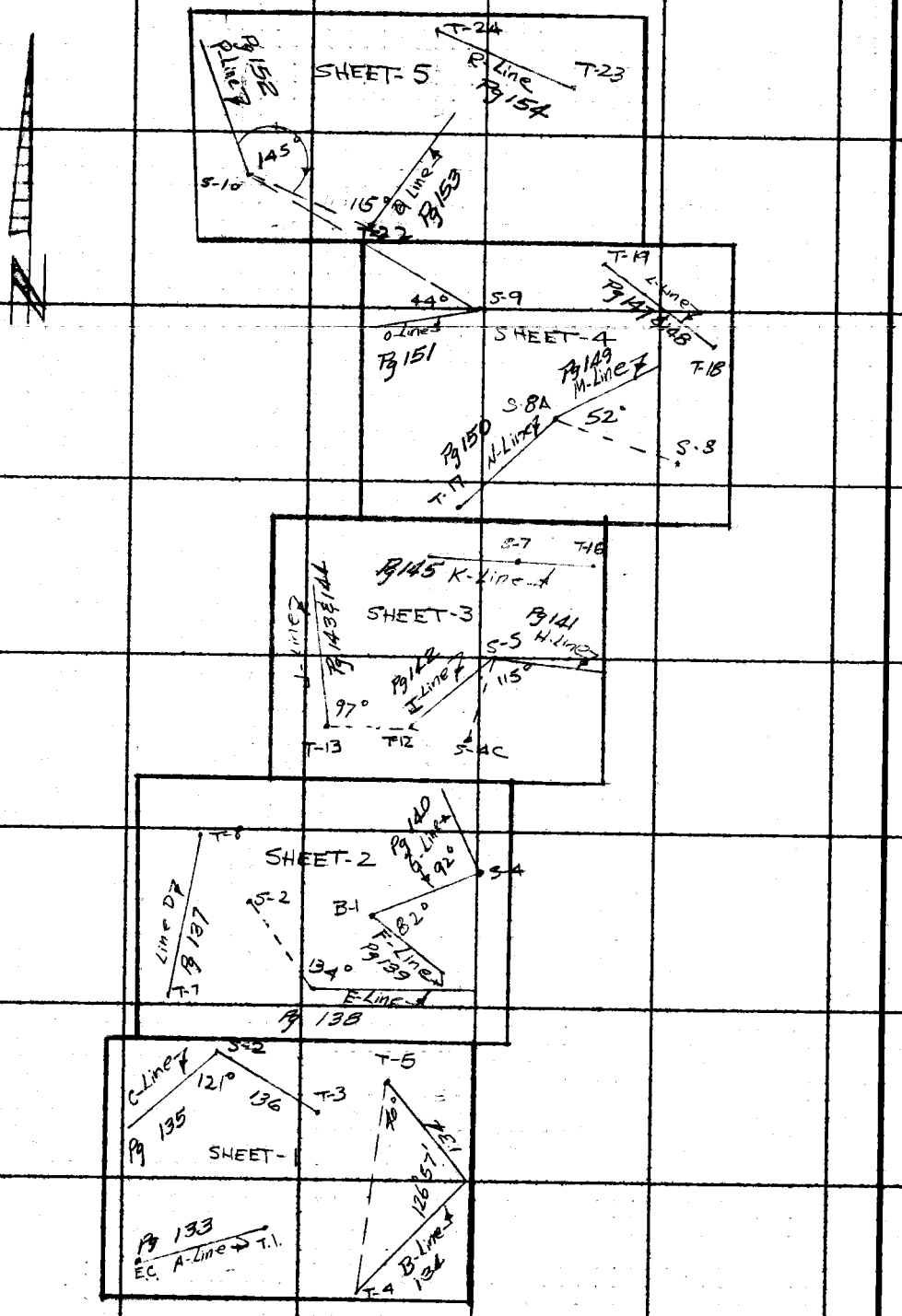

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403 Los Angeles County Engineering Bldg.

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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.

765614 CE301 7-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
A-Line									1				T-1
T-1								1752.11			4.92		1" I.P. (Top of Ridge)
	EC		4.0	4.92		4.0	0 00	1752.1	2	0.0	"	0.0	Edge of "
	"	5.50 / 4.32	118.0	"		96.8	25 04	1706.8	3	45.3	"	45.3	Side Hill
	"	5.84 / 4.00	184.0	"		162.0	20 15	1692.4	4	59.7	"	59.7	Break
	"	6.20 / 3.62	258.0	"		251.3	9 15	1711.2	5	40.9	"	40.9	Top of Spur
	"	6.57 / 3.30	327.0	"		320.5	8 05	1706.6	6	45.5	"	45.5	A-1(1x2) Edge of Spur
A-1								1706.6	7		4.78		
	EC	5.28 / 4.26	102.0	4.78		92.7	17 37	1677.2	8	29.4	"	29.4	Side Hill
	"	5.80 / 3.71	209.0	"		194.5	15 16	1653.5	9	53.1	"	53.1	A-2(1x2) Edge of Break
A-2								1653.5	10		4.78		
	EC	5.12 / 4.43	69.0	4.78		61.9	18 42	1632.5	11	21.0	"	21.0	Break
	"	5.64 / 3.96	168.0	"		146.3	21 03	1597.2	12	56.3	"	56.3	Edge of Trailer Park
	"	6.05 / 3.46	259.0	"		243.2	14 17	1591.6	13	61.9	"	61.9	" " " "
	"	6.52 / 3.05	347.0	"		334.0	11 09	1587.7	14	65.8	"	65.8	Flat
	"	7.07 / 2.46	461.0	"		449.3	9 09	1581.1	15	72.4	"	72.4	Edge of Pav.
	"	7.69 / 1.80	589.0	"		579.6	7 15	1579.7	16	73.8	"	73.8	Edge of Pav.
	"	8.90 / 2.62	628.0	5.78		618.0	7 15	1573.9	17	79.6	"	78.6	Culvert
	"	7.93 / 1.55	638.0	4.78		629.3	6 42	1579.6	18	73.9	"	73.9	Edge of Pav.
	"	8.06 / 1.46	660.0	"		651.6	6 28	1579.6	19	73.9	"	73.9	E.C. (Nail in Pav.)
									20				
									21				

Add'n'l Inform.

Notes Red. ____ Platted ____ Job No. 0075.64 Division No. ____
Date ____ Date 11-18-64 Survey of Sand Cyn. Rd
Notes Chkd. ____ Checked ____ Survey by W. J. Voge Notes Voge Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2694 Pg. 133

76S614 CE301 7-57

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle −	Elevation of Point	+ Back Sight	+ Difference Elevation −	Height of Instrument	+ Vertical Distance −	REMARKS Station Left Right
B-Line													
T-5	T-4				320 00			1688.49			4.75		T-5(1" I.P) Top of Spur
	B-1	4.98 / 4.50	48.0	4.75		43.3	18 18	1674.2		14.3	"	14.3	Break
	"	5.62 / 3.88	174.0	"		150.5	21 34	1629.2		59.5	"	59.5	Side Hill
	"	5.84 / 3.66	218.0	"		211.0	10 20	1650.0		38.5	"	38.5	" "
	"	6.09 / 3.40	269.0	"		267.8	3 47	1670.8		17.7	"	17.7	Break
	"	6.47 / 3.01	346.0	"		345.9	1 07	1681.8		6.7	"	6.7	(B-1) 1x2 Top of Spur
B-1	T-5				233 03			1681.8			4.77		
	T-4	5.30 / 4.21	109.0	4.77		94.9	21 07	1645.2		36.6	"	36.6	Side Hill
	"	5.75 / 3.77	198.0	"		168.1	22 53	1610.9		70.9	"	70.9	Swale
	"	6.03 / 3.49	254.0	"		222.2	20 43	1597.8		84.0	"	84.0	Side Hill
	"	6.45 / 3.10	335.0	"		299.4	19 01	1578.6		103.2	"	103.2	Toe of Slope
	"	6.92 / 2.63	429.0	"		401.0	14 47	1576.3		105.8	"	105.8	Flat
	"	7.41 / 2.14	527.0	"		503.1	12 18	1572.1		109.7	"	109.7	"
	"	7.90 / 1.56	634.0	"		612.5	10 37	1567.0		114.8	"	114.8	"
	"	8.44 / 1.07	737.0	"		717.1	9 27	1562.5		119.3	"	119.3	"
	"	9.95 / 1.52	843.0	5.77		825.2	8 21	1559.7		122.1	"	121.1	"
	"	10.70 / 0.70	1000.0	5.77		984.8	7 05	1558.5		123.3	"	122.3	T-4(1" IP) Flat
													Elev. = 1558.72

Add'n'l Inform.

Topography Description Legend: Side Hill....S.H. Side of Draw.S.D. Side of Ridge.S.R. Head of Draw H.D. Bottom Draw.B.D. Bottom Wash B.W. Top of Ridge.T.R. Toe of Slope..T.S.

Inters. of Draws. V.D's Break in Slope..Bk.S. Steep Slope.....S.S. Top of Cliff.....T.Cl. Bottom of Cliff..B.Cl. Top of Spur.....T.Sp. Bottom Canyon..B.Cn.

Side of Canyon S.Cn. Top of Bank..T.B. Bottom of Bank.B.B. Top of Cut.....T.C. Bottom of Cut..B.C. Top of Fill.....T.F. Bottom of Fill.B.F.

Saddle .....Sa. Swale .....Sw. Flat .....Fl. Stream .....Str. Trail .....Tr. Pavement ....Pvt. Edge of Road E.Rd.

Traveled Rd. Tr.Rd. Fence .....Fn. Int. Fences.V.Fns. Ditch .....Di. Telephone.Pole T.P. Power Pole....P.P. Culvert .....Cul.

Oak-O. Fir-Fr. Pine-Pi. Cedar-Ca. Sycamore ....Sy. Eucalyptus ....Eu. Plus combinations of these and all common standard abbreviations.

F.B. 2694 PG. 134

765614 CE301 7-57

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	Vertical Angle	Elevation of Point	Back Sight	Difference Elevation	Height of Instrument	Vertical Distance	REMARKS Station Left Right
c-Line													
T-3								1824.06			4.95		T-3 (1 IP) Top of Ridge
	S-1	5.62 / 4.26	136.0	4.95		103.2	29 25	1765.9		58.2	"	58.2	Break
	"	6.16 / 3.80	236.0	"		192.9	25 18	1732.9		91.2	"	91.2	Side Hill
	"	6.75 / 3.15	360.0	"		296.7	24 47	1687.1		137.0	"	137.0	Draw
	"	7.08 / 2.77	431.0	"		379.2	20 17	1684.0		140.1	"	140.1	Small Spur
	"	7.64 / 2.18	546.0	"		486.9	19 12	1654.5		169.6	"	169.6	Side Hill
	"	7.93 / 1.85	608.0	"		550.4	17 56	1646.0		178.1	"	178.1	Creek Bottom
	"	8.36 / 1.42	694.0	"		647.1	15 04	1649.9		174.2	"	174.2	Bott. of Break
	"	8.55 / 1.35	720.0	"		680.1	13 37	1659.4		164.7	"	164.7	Top " "
	"	8.78 / 1.18	760.0	"		725.0	12 23	1665.0		159.1	"	159.1	Break
	"	8.78 / 1.05	773.0	"		740.8	11 46	1669.8		154.3	"	154.3	S-1 (1x2 & Nail) Rd. berm
S-1	T-3				121 00			1670.56			4.43		
	C-3	4.54 / 4.33	21.0	4.43		21.0	1 55	1669.9		0.7	"	0.7	Edge of Rd.
	"	4.67 / 4.18	49.0	"		48.8	3 17	1667.8		2.8	"	2.8	" " "
	"	4.89 / 3.98	91.0	"		87.2	+ 11 52	1688.9		+ 18.3	"	+ 18.3	Top of Cut
	"	5.12 / 3.75	137.0	"		132.2	+ 10 48	1695.8		+ 25.2	"	+ 25.2	C-1 (1x2) Top of Spur
C-1								1695.8			4.00		
	C-3	4.27 / 3.73	54.0	4.00		51.7	11 51	1685.0		10.8	"	10.8	Drain
	"	4.57 / 3.42	115.0	"		114.9	+ 1 43	1699.2		+ 3.4	"	+ 3.4	C-2 (1x2) Top of Spur

Add'n'l Inform.

Notes Red. ____ Platted ____ Job No. 0075.64 Division No. ____ F.B. E694 Pg. 135
Date ____ Date 11-18-64 Survey of Sand Cyn. Rd.
Notes Chkd. ____ Checked ____ Survey by W. J. Vogt Notes Vogt Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle	Elevation of Point	+ Back Sight	+ Difference Elevation	Height of Instrument	+ Vertical Distance	REMARKS Station Left Right
C-2					° '		° '	1699.2	1		4.55		
	C-3	4.98 / 4.11	87.0	4.55	° '	72.0	− 24 34	1666.3	2	− 32.9	"	− 32.9	Toe of slope
	"	5.18 / 3.92	126.0	"	° '	110.6	− 20 30	1657.9	3	− 41.3	"	− 41.3	Draw
	"	5.36 / 3.75	161.0	"	° '	153.3	− 12 40	1664.8	4	− 34.4	"	− 34.4	Toe of slope
	"	5.84 / 3.27	257.0	"	° '	257.0	+ 0 25	1701.2	5	+ 2.0	"	+ 2.0	C-3 (end of Line)
					° '		° '		6				
					° '		° '		7				
					° '		° '		8				
					° '		° '		9				
					° '		° '		10				
					° '		° '		11				
					° '		° '		12				
					° '		° '		13				
					° '		° '		14				
					° '		° '		15				
					° '		° '		16				
					° '		° '		17				
					° '		° '		18				
					° '		° '		19				
					° '		° '		20				
					° '		° '		21				

Add'n'l Inform.

F.B. 2694 PG. 136

Topography Description Legend:
Side Hill.....S.H.
Side of Draw.S.D.
Side of Ridge.S.R.
Head of Draw H.D.
Bottom Draw.B.D.
Bottom Wash B.W.
Top of Ridge.T.R.
Toe of Slope..T.S.

Inters. of Draws. V.D's
Break in Slope..Bk.S.
Steep Slope.....S.S.
Top of Cliff.....T.Cl.
Bottom of Cliff..B.Cl.
Top of Spur.....T.Sp.
Bottom Canyon..B.Cn.

Side of Canyon S.Cn.
Top of Bank...T.B.
Bottom of Bank.B.B.
Top of Cut.....T.C.
Bottom of Cut..B.C.
Top of Fill.....T.F.
Bottom of Fill.B.F.

Saddle .....Sa.
Swale .....Sw.
Flat .....Fl.
Stream .....Str.
Trail .....Tr.
Pavement .....Pvt.
Edge of Road E.Rd.

Traveled Rd. Tr.Rd.
Fence .....Fn.
Int. Fences.V.Fns.
Ditch .....Di.
Telephone Pole T.P.
Power Pole....P.P.
Culvert .....Cul.

Oak-O. Fir-Fr.
Pine-Pl. Cedar-Ce.
Sycamore .....Sy.
Eucalyptus .....Eu.
Plus combinations of these and all common standard abbreviations.

768614 CE301 7-87

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle −	Elevation of Point	+ Back Sight	+ Difference Elevation −	Height of Instrument	+ Vertical Distance −	REMARKS Station	Left	Right
D-Line															
T-7								1799.83			4.75		T-7 1"IP (Top of Spur)		
	T-8	5.04 / 4.46	58.0	4.75		57.5	− 5° 06'	1794.7		5.1	"	5.1	D-1 (1x2) " " "		
D-1								1794.7			4.70				
	T-8	5.28 / 4.10	118.0	4.70		107.0	− 17° 44'	1760.5		34.2	"	34.2	Draw		
	"	5.74 / 3.67	207.0	"		206.9	+ 1° 01'	1798.4		+ 3.7	"	+ 3.7	D-2 (1x2) Top of Spur		
D-2								1798.4			4.85				
	T-8	5.52 / 4.19	133.0	4.05		106.2	− 26° 39'	1745.1		53.3	"	53.3	Draw		
	"	5.70 / 4.00	170.0	"		166.8	− 7° 55'	1775.2		23.2	"	23.2	Side Hill		
	"	6.07 / 3.62	245.0	"		242.8	+ 5° 25'	1821.4		+ 23.0	"	+ 23.0	D-3 (1x2) Top of Spur		
D-3								1821.4			4.93				
	T-8	5.30 / 4.48	82.0	4.93		69.3	− 23° 10'	1791.7		29.7	"	29.7	Side Hill		
	"	5.79 / 4.05	174.0	"		151.6	− 21° 03'	1763.1		58.3	"	58.3	Draw		
	"	6.10 / 3.75	235.0	"		231.2	− 7° 21'	1791.6		29.8	"	29.8	Side Hill		
	"	6.70 / 3.18	352.0	"		350.8	+ 3° 22'	1842.0		+ 20.6	"	+ 20.6	T-8 (1"IP) Top of Spur		
T-8	D-4				106° 00'			1842.2			4.78				
	"	5.15 / 4.41	74.0	4.78		74.0	− 0° 51'	1841.1		1.1	"	1.1	Break		
	"	5.61 / 3.96	165.0	"		161.6	+ 8° 12'	1865.5		+ 23.3	"	+ 23.3	"		
	"	6.05 / 3.55	250.0	"		239.8	+ 11° 38'	1891.6		+ 49.4	"	+ 49.4	D-4 (Top of Spur)		
													End of Line		

Add'l Inform.

Notes Rcd. _____ Platted _____ Job No. 00756 Division No. _____
Date _____ Date 11-19-64 Survey of Sand Cn. Rd.
Notes Chkd. _____ Checked _____ Survey by H.J. Voge Notes Voge Date _____
Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F.B. 2694 Pg. 137

765614 CE301 7-57

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle −	Elevation of Point	+ Back Sight	+ Difference Elevation	Height of Instrument	+ Vertical Distance	REMARKS Station	Left	Right
E-Line															
T-6	S-2			4.90	134 00			1819.27			4.90		T-6 (1"IP) Top of Ridge		
	E-3	5.40 4.39	101.0	"		95.1	− 14 03	1795.5		− 23.8	"	23.8	Side Hill		
	"	5.90 3.90	200.0	"		185.4	− 15 40	1767.3		− 52.0	"	52.0	" "		
	"	12.36 9.40	296.0	10.90		274.4	− 15 41	1736.3		− 83.0	"	77.0	E-1 (1x2) Break		
E-1								1736.3			4.77				
	E-3	5.24 4.32	92.0	4.77		69.7	− 29 31	1696.9		− 39.4	"	39.4	Break		
	"	5.41 4.13	128.0	"		114.2	− 19 10	1696.6		− 39.7	"	39.7	E-2 (1x2) Top of Spur		
E-2								1696.6			4.50				
	E-3	12.08 10.96	112.0	11.50		83.1	− 30 32	1640.6		− 56.0	"	49.0	Toe of slope		
	"	5.45 3.54	191.0	4.50		172.4	− 18 12	1639.9		− 56.7	"	56.7	Ctr. of Draw		
	"	5.94 3.04	290.0	"		280.8	− 10 14	1645.9		− 50.7	"	50.7	Toe of slope		
	"	6.27 2.75	352.0	"		351.6	+ 2 01	1709.0		+ 12.4	"	+ 12.4	Break		
	"	6.57 2.45	412.0	"		408.6	+ 5 12	1733.8		+ 37.2	"	+ 37.2	"		
	"	6.79 2.18	461.0	"		453.6	+ 7 17	1754.5		+ 57.9	"	+ 57.9	"		
	"	7.42 1.60	582.0	"		562.6	+ 10 32	1801.2		+ 104.6	"	+ 104.6	E-3 (Top of Ridge)		
													End of Line		

Add'n'l Inform.

F.B. 2694 Pg. 138

Topography Description Legend:
Side Hill ..... S.H. | Bottom Draw B.D.
Side of Draw S.D. | Bottom Wash B.W.
Side of Ridge S.R. | Top of Ridge T.R.
Head of Draw H.D. | Toe of Slope T.S.

Inters. of Draw V.D's | Side of Canyon S.Cn.
Break in Slope Bk.S. | Top of Bank T.B.
Steep Slope S.S. | Bottom of Bank B.B.
Top of Cliff T.Cl. | Top of Cut T.C.
Bottom of Cliff B.Cl. | Bottom of Cut B.C.
Top of Spur T.Sp. | Top of Fill T.F.
Bottom Canyon B.Cn. | Bottom of Fill B.F.

Fir-Fr. | Oak-O.
Pine-Pi. Cedar-Ce.
Sycamore Sy.
Eucalyptus Eu.
Plus combinations of these and all common standard abbreviations.

Saddle ..... Sa.
Swale ..... Sw.
Flat ..... Fl.
Stream ..... Str.
Trail ..... Tr.
Pavement ..... Pvt.
Edge of Road E.Rd.

Traveled Rd. Tr.Rd.
Fence ..... Fn.
Int. Fences V.Fn.
Ditch ..... Di.
Telephone Pole T.P.
Power Pole P.P.
Culvert ..... Cul.

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
F-Line													
B-1	S-4			5.00	82 00			1841.30			5.00		B-1 (1" IP) Top of Spur
	F-2	5.34 / 4.66	68.0	"		66.2	+ 9 29	1852.4		+ 11.1	"	+ 11.1	Side HiLL
	"	5.68 / 4.32	136.0	"		132.9	+ 8 45	1861.7		+ 20.4	"	+ 20.4	F-1 (1x2) Side HiLL
F-1	F-2							1861.7			5.00		
	"	5.40 / 4.60	80.0	5.00		79.9	− 2 07	1858.7		− 3.0	"	− 3.0	Draw
	"	5.72 / 4.25	147.0	"		141.3	+ 11 24	1890.2		+ 28.5	"	+ 28.5	Break
	"	6.06 / 3.93	213.0	"		194.4	+ 17 12	1921.9		+ 60.2	"	+ 60.2	F-2 (End of Line)
													Top of Ridge

Add'n'l Inform.

Notes Rcd. ____ Plotted ____ Job No. 0075.64 Division No. ____
Date ____ Date 11-20-64 Survey of Sand Cyn Rd.
Notes Chkd. ____ Checked ____ Survey by W. J. Voge Notes Voge Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2694 Pg. 139

76S614 CE301 7-57

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
G-Line									1				
B-1								1841.30	2		5.00		B-1 (1" I.P.) Top of Spur
	S-4	9.37 / 8.66	71.0	9.00		58.4	− 24 53	1810.2	3	− 31.1	"	− 27.1	Side Hill
	"	9.67 / 8.30	137.0	9.00		111.5	− 25 33	1784.0	4	− 57.3	"	− 53.3	Draw
	"	5.80 / 4.18	162.0	5.00		148.1	− 17 01	1796.0	5	− 45.3	"	− 45.3	Side Hill
	"	6.07 / 3.92	215.0	"		211.3	− 7 31	1813.4	6	− 27.9	"	− 27.9	Swale
	"	6.42 / 3.58	284	"		283.3	+ 2 50	1855.3	7	+ 14.0	"	+ 14.0	S-4 (1" I.P.) Top of Spur
S-4	B-1				92 00			1855.38	8		4.85		S-4 (1" I.P.) Top of Spur
	G-1	5.17 / 4.54	63.0	4.85		54.2	− 21 57	1833.6	9	− 21.8	"	− 21.8	Break
	"	9.45 / 8.23	122.0	8.85		101.4	− 24 14	1805.7	10	− 49.7	"	− 45.7	Side Hill
	"	6.70 / 4.95	175.0	5.85		143.9	− 24 55	1787.5	11	− 67.9	"	− 66.9	Toe of Slope
	"	6.17 / 3.52	265.0	4.85		236.9	− 19 00	1773.8	12	− 81.6	"	− 81.6	Edge of Creek
	"	6.25 / 3.45	280.0	"		251.1	− 18 45	1770.2	13	− 85.2	"	− 85.2	Creek Bottom
	"	6.41 / 3.29	312.0	"		299.9	− 11 21	1795.2	14	− 60.2	"	− 60.2	Side Hill
	"	6.60 / 3.11	349.0	"		346.8	− 4 35	1827.6	15	− 27.8	"	− 27.8	Side Hill
	"	6.80 / 2.89	391.0	"		391.0	+ 0 23	1858.0	16	+ 2.6	"	+ 2.6	Top of Spur
	"	7.25 / 2.47	478.0	"		473.9	+ 5 20	1899.6	17	+ 44.2	"	+ 44.2	G-1 (End of Line)
									18				Top of Ridge
									19				
									20				
									21				

Add'n'l Inform.

F.B. 2694 Pg. 140

Topography Description Legend:
Side Hill....S.H. Bottom Draw B.D.
Side of Draw S.D. Bottom Wash B.W.
Side of Ridge S.R. Top of Ridge T.R.
Head of Draw H.D. Toe of Slope T.S.

Inters. of Draws V.D's Break in Slope Bk.S. Steep Slope S.S. Top of Cliff T.Cl. Bottom of Cliff B.Cl. Top of Spur T.Sp. Bottom Canyon B.Cn.

Side of Canyon S.Cn. Top of Bank T.B. Bottom of Bank B.B. Top of Cut T.C. Bottom of Cut B.C. Top of Fill T.F. Bottom of Fill B.F.

Saddle Sa. Swale Sw. Flat Fl. Stream Str. Trail Tr. Pavement Pvt. Edge of Road E.Rd.

Traveled Rd. Tr.Rd. Fence Fn. Int. Fences V.Fn. Ditch Di. Telephone Pole T.P. Power Pole P.P. Culvert Cul.

Oak-O. Fir-Fr. Pine-Pi. Cedar-Ce. Sycamore Sy. Eucalyptus Eu. Plus combinations of these and all common standard abbreviations.

765614 CE301 7-57

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700 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

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	Vertical Angle + / −	Elevation of Point	Back Sight	Difference Elevation + / −	Height of Instrument	Vertical Distance + / −	REMARKS Station	Left	Right
H-Line									1						
									2						
S-5	S-4C				245 00			1849.48			4.53		S-5 (1½P) Side Hill		
		4.90							3						
	H-2	4.16	74.0	4.53		60.8	24 58	1821.2		28.3	"	28.3	Toe of Slope		
		5.18							4						
	"	3.85	133.0	"		121.5	17 07	1812.1		37.4	"	37.4	Creek Bottom		
		5.24							5						
	"	3.80	144.0	"		139.6	10 03	1824.8		24.7	"	24.7	Top of Bank		
		5.45							6						
	"	3.61	184.0	"		182.3	5 28	1832.1		17.4	"	17.4	Toe of Slope		
		5.79							7						
	"	3.29	250.0	"		248.4	+ 4 39	1869.7		+ 20.2	"	+ 20.2	H-1 (1x2) Top of Spur		
									8						
H-1								1869.7			4.66				
		4.99							9						
	H-2	4.32	67.0	4.66		66.9	2 00	1867.4		2.3	"	2.3	Break		
		11.30							10						
	"	10.01	129.0	10.66		128.8	2 20	1858.4		11.3	"	5.3	Draw		
		5.57							11						
	"	3.77	180.0	4.66		179.9	+ 1 00	1872.8		+ 3.1	"	+ 3.1	Break		
		5.78							12						
	"	3.55	223.0	"		221.2	+ 5 09	1889.6		+ 19.9	"	+ 19.9	Top of Spur		
		10.89							13						
	"	8.44	245.0	9.66		242.4	+ 5 55	1889.8		+ 20.1	"	+ 25.1	Draw		
		6.10							14						
	"	3.20	290.0	4.66		283.5	+ 8 37	1912.7		+ 43.0	"	+ 43.0	Side Hill		
		6.42							15						
	"	2.95	347.0	"		332.6	+ 11 44	1938.2		+ 69.0	"	+ 69.0	H-2 (1x2) Top of Ridge		
									16						
													End of Line		
									17						
									18						
									19						
									20						
									21						

Add'l Inform.

Notes Red. Platted
Date Date 11-23-64 Job No. 07564 Division No.
Notes Chkd. Checked Survey of End Cyn Rd
Date Date Survey by H. J. Vogt Notes Vogt
Map No. Indexed C. J. GALLI
Date Date

F.B. 2694 PG. 141

765614 CE301 7-57

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle −	Elevation of Point	+ Back Sight −	+ Difference Elevation −	Height of Instrument	+ Vertical Distance −	REMARKS Station	Left	Right
I-Line															
S-5								1849.48			4.53		S-5 (1" IP) Side Hill		
	F12	5.09 / 3.96	113.0	4.53		106.6	13 46	1823.4		26.1	"	26.1	Break		
	"	12.29 / 10.78	151.0	11.53		141.3	14 40	1805.5		44.0	"	37.0	Creek Bottom		
	"	5.49 / 3.54	195.0	4.53		188.1	10 56	1813.5		36.0	"	36.0	Toe of Slope		
	"	5.74 / 3.32	242.0	"		241.8	1 37	1846.9		2.6	"	2.6	Side Hill		
	"	6.00 / 3.05	295.0	"		294.2	+ 2 59	1864.8		+ 15.3	"	+ 15.3	" "		
	"	6.15 / 2.92	323.0	"		321.7	+ 3 38	1869.9		+ 20.4	"	+ 20.4	Swale		
	"	6.29 / 2.72	357.0	"		352.8	+ 6 16	1880.2		+ 38.7	"	+ 38.7	Side Hill		
	"	6.64 / 2.42	422.0	"		416.4	+ 6 36	1897.7		+ 48.2	"	+ 48.2	Top of Draw		
	"	7.12 / 2.05	507.0	"		487.5	+ 11 18	1946.9		+ 97.4	"	+ 97.4	T-12 (1" IP) Top of Ridge		
													End of Line		

Add'n'l Inform.

Topography Description Legend:
Side Hill....S.H. | Bottom Draw..B.D.
Side of Draw..S.D. | Bottom Wash B.W.
Side of Ridge..S.R. | Top of Ridge..T.R.
Head of Draw H.D. | Toe of Slope..T.S.

Inters. of Draw. V.B's: Break in Slope....Bk.S. | Steep Slope.....S.S. | Top of Cliff.....T.Cl. | Bottom of Cliff...B.Cl. | Top of Spur.....T.Sp. | Bottom Canyon...B.Ca.

Side of Canyon S.Ca.: Top of Bank...T.B. | Bottom of Bank..B.B. | Top of Cut.....T.C. | Bottom of Cut..B.C. | Top of Fill.....T.F. | Bottom of Fill.B.F.

Saddle .....Sa. | Swale .....Sw. | Flat .....Fl. | Stream .....Str. | Trail .....Tr. | Pavement .....Pvt. | Edge of Road E.Rd.

Traveled Rd. Tr. Rd. | Fence .....Fe. | Int. Fence..V.Fe. | Ditch .....D. | Telephone Pole T.P. | Power Pole....P.P. | Culvert .....Cul.

Oak-O. Fir-Fr. | Pine-Pi. Cedar-Ce. | Sycamore .....Sy. | Eucalyptus .....Eu. | Plus combinations of these and all common standard abbreviations.

F.B. 2284 PG. 142

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Notes Red. Plotted
Notes Data Data 11-23-64
Notes Circ'd. Checked
Date Date
Survey of Saud Gin Rd
Survey by W. J. Vogt
Map No. Indexed C. J. GALLI
Date Date
Job No. AD 75.64 Division No.
Notes Red. F.B. 2694 Pg. 149

Transit at	Sight on	Stadia Interceptr	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
J-Line									1				
									2				
T-13	T-12				263 00			1951.13			4.80		T-13 (1"IP) Top of Ridge
		5.07							3				
	J-5	4.32	55.0	4.80		50.9	15 56	1936.6		14.5	"	14.5	Break
		11.30							4				
	"	10.30	100.0	10.80		89.0	19 25	1913.7		37.4	"	31.4	Swale
		5.58							5				
	"	4.02	156.0	4.80		140.4	18 27	1904.3		46.8	"	46.8	Draw
		5.75							6				
	"	3.84	191.0	"		186.8	8 30	1923.2		27.9	"	27.9	J-1 (1x2) Top of Spur
J-1								1923.2	7				
		5.29							8		4.85		
	J-5	4.41	88.0	4.85		66.1	29 53	1885.2		38.0	"	38.0	Side Hill
		10.61							9				
	"	9.09	152.0	9.85		117.1	28 38	1854.3		68.9	"	63.9	Draw
		5.72							10				
	"	3.96	176.0	4.85		152.9	21 13	1863.8		59.4	"	59.4	Side Hill
		5.86							11				
	"	3.80	206.0	"		188.3	17 03	1865.5		57.7		57.7	J-2 (1x2) Top of Spur
J-2								1865.5	12				
		5.07							13				
	J-5	4.42	65.0	4.75		54.1	24 07	1841.3		24.2	4.75	24.2	Side Hill
		16.05							14				
	"	14.85	110.0	15.50		92.4	23 36	1814.3		51.2	"	40.4	Drain
		5.38							15				
	"	4.09	129.0	4.75		119.2	16 00	1831.3		34.2	"	34.2	Break
		5.60							16				
	"	3.90	170.0	"		169.7	2 12	1859.0		6.5	"	6.5	Side Hill
		5.94							17				
	"	3.56	238.0	"		235.7	+ 5 40	1888.9		+ 23.4	"	+ 23.4	J-3 (1x2) Top of Spur
J-3								1888.9	18		4.35		
		4.56							19				
	J-5	4.14	42.0	4.35		36.0	22 18	1874.2		14.7	"	14.7	Swale
		4.72							20				
	"	3.98	74.0	"		68.2	16 15	1869.0		19.9	"	19.9	Small Spur
		10.80							21				
	"	9.81	107.0	10.35		98.8	16 07	1854.4		34.5	"	28.5	Draw

Add'n'l Inform.

76S614 CE301 7-57

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle —	Elevation of Point	+ Back Sight	+ Difference Elevation —	Height of Instrument	+ Vertical Distance —	REMARKS Station	Left	Right
J-Line	(Cont'd)				° '		° '		1						
					° '		° '		2		4.35				
J-3					° '		° '		3						
	J-5	5.00 3.76	130.0	4.35	° '	121.3	− 14° 58'	1856.5		− 32.4	"	− 32.4	Small Spur		
	"	5.28 3.42	186.0	"	° '	173.1	− 15° 16'	1841.7	4	− 47.2	"	− 47.2	Draw		
	"	5.42 3.28	214.0	"	° '	210.1	− 7° 46'	1860.2	5	− 28.7	"	− 28.7	Top of Spur		
	"	5.65 3.05	260.0	"	° '	254.4	− 8° 28'	1851.0	6	− 37.9	"	− 37.9	Swale		
	"	5.87 2.83	304.0	"	° '	299.2	− 7° 14'	1850.9	7	− 38.0	"	− 38.0	J-4(1R2) Break		
J-4					° '		° '	1850.9	8						
	J-5	5.20 4.70	50.0	4.95	° '	47.9	− 11° 44'	1840.9	9	− 10.0	4.95	− 10.0	Break		
	"	11.90 11.72	78.0	11.50	° '	75.6	− 10° 08'	1830.8	10	− 20.1	"	− 13.5	Drain		
	"	5.44 4.47	97.0	4.95	° '	93.9	− 10° 17'	1833.9	11	− 17.0	"	− 17.0			
	"	7.52 6.37	115.0	6.95	° '	111.8	− 9° 34'	1830.1	12	− 20.8	"	− 18.8	Creek Bottom		
	"	5.69 4.20	149.0	4.95	° '	148.8	− 2° 16'	1845.0	13	− 5.9	"	− 5.9	Side Hill		
	"	6.04 3.85	219.0	"	° '	215.4	+ 7° 21'	1878.7	14	+ 27.8	"	+ 27.8	Break		
	"	6.40 3.51	289.0	"	° '	268.6	+ 15° 24'	1924.9	15	+ 74.0	"	+ 74.0	Spur		
	"	6.82 3.10	372.0	"	° '	344.0	+ 15° 56'	1949.1	16	+ 98.2	"	+ 98.2	Break		
	"	7.20 2.67	453.0	"	° '	413.0	+ 17° 18'	1979.5	17	+ 128.6	"	+ 128.6	J-5(1R2) Top of Hill		
					° '		° '		18				End of Line		
					° '		° '		19						
					° '		° '		20						
					° '		° '		21						

Add'n'l Inform.

F.B. 2694 Pg. 144

Topography Description Legend:
Side Hill.....S.H. | Bottom Draw.B.D. | Bottom Wash B.W. | Top of Ridge.T.R. | Toe of Slope..T.S.
Side of Draw.S.D. | Side of Ridge.S.R. | Head of Draw H.D.

Inters. of Draws, V.P's: Break in Slope...Bk.S. | Steep Slope.....S.S. | Top of Cliff.....T.Cl. | Bottom of Cliff..B.Cl. | Top of Spur.....T.Sp. | Bottom Canyon..B.Cn.

Side of Canyon S.Cn. | Top of Bank.T.B. | Bottom of Bank.B.B. | Top of Cut.....T.C. | Bottom of Cut..B.C. | Top of Fill.....T.F. | Bottom of Fill.B.F.

Saddle .....Sa. | Swale .....Sw. | Flat .....Fl. | Stream .....Str. | Trail .....Tr. | Pavement .....Pvt. | Edge of Road E.Rd.

Traveled Rd. Tr.Rd. | Fence .....Fe. | Int. Fence..I.Fe. | Ditch .....Dt. | Telephone Pole T.P. | Power Pole....P.P. | Culvert .....Cul.

Oak-O. Fir-Fr. | Pine-Pi. Cedar-Ce. | Sycamore.....Sy. | Eucalyptus.....Eu. | Plus combinations of these and all common standard abbreviations.

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Notes Rod. _____ Platted _____ Job No. 10175.64 Division No. _____
Date _____ Date 11-24-64 Surveyed Sand Cyn. Rd.
Notes Cked. _____ Checked _____ Survey by W.J. Voge Notes Voge
Date _____ Date _____ Map No. _____ Indexed C.J. GALLI Date _____

F.B. 2894 Pg. 145

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle −	Elevation of Point	Back Sight	+ Difference Elevation −	Height of Instrument	+ Vertical Distance −	REMARKS Station	Left	Right
K-Line									1						
									2						
T-16								2110.75			4.50		T-16 (12P) Top of Spur		
		4.95							3						
	K-4	4.03	92.0	4.50		75.3	− 25 14	2075.3	4	− 35.5	"	− 35.5	Side Hill		
		3.46													
	"	3.32	194.0	"		158.2	− 25 27	2035.5	5	− 75.3	"	− 75.3	" "		
		6.00													
	"	2.98	302.0	"		245.8	− 25 33	1993.3	6	− 117.5	"	− 117.5	K-1 (1x2) Break		
K-1								1993.3	7		4.10				
		15.33													
	K-4	14.88	45.0	15.10		35.1	− 28 00	1963.6	8	− 29.7	"	− 18.7	Drain		
		2.42													
	"	3.78	64.0	4.10		60.0	− 14 28	1977.8	9	− 15.5	"	− 15.5	Break		
		4.76													
	"	3.43	133.0	"		127.1	+ 12 12	2020.8	10	+ 27.5	"	+ 27.5	Side Hill		
		5.10													
	"	5.11	199.0	"		174.6	+ 20 30	2058.6	11	+ 65.3	"	+ 65.3	Small Spur		
		5.38													
	"	2.82	256.0	"		217.5	+ 22 48	2084.7	12	+ 91.4	"	+ 91.4	K-2 (1x2) Top of Spur		
K-2								2084.7	13		4.45				
		8.77													
	K-4	8.13	64.0	8.45		47.4	− 30 36	2052.7	14	− 32.0	"	− 28.0	Side Hill		
		5.15													
	"	3.73	142.0	4.45		108.5	− 29 04	2024.4	15	− 60.3	"	− 60.3	Break		
		5.48													
	"	3.40	208.0	"		192.0	− 16 06	2029.3	16	− 55.4	"	− 55.4	Side Hill		
		5.69													
	"	3.20	249.0	"		235.2	− 13 36	2027.8	17	− 56.9	"	− 56.9	5-7 (1-2P) Saddle		
S-7								2027.39	18		4.75				
		5.18													
	K-4	4.31	87.0	4.75		86.1	− 5 52	2018.6	19	− 8.8	"	− 8.8	Swale		
		5.41													
	"	4.09	132.0	"		131.4	+ 3 51	2036.2	20	+ 8.8	"	+ 8.8	K-3 (1x2) Spur		
K-3								2036.2	21		4.90				
		4.21													
	K-4	3.79	42.0	4.00		41.2	− 7 42	2030.6		− 5.6	"	− 5.6	Side Hill		

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
K-Line	(Cont'd)				° ′		° ′		1				
K-3					° ′		° ′		2		4.00		
	K-4	4.43 / 3.57	86.0	4.00	° ′	86.0	− 0 24	2035.6	3	− 0.6	"	− 0.6	Side Hill
	"	6.64 / 5.36	128.0	6.00	° ′	128.0	+ 0 44	2035.8	4	+ 1.6	"	+ 1.6	Draw
	"	4.82 / 3.18	164.0	4.00	° ′	162.4	+ 5 40	2052.3	5	+ 16.1	"	+ 16.1	Side Hill
	"	5.05 / 2.95	210.0	"	° ′	206.8	+ 7 06	2061.9	6	+ 25.7	"	+ 25.7	Top of Drain
	"	5.30 / 2.70	260.0	"	° ′	247.9	+ 12 26	2090.9	7	+ 54.7	"	+ 54.7	Bott. of Cliff
	"	5.49 / 2.57	292.0	"	° ′	265.6	+ 17 30	2119.9	8	+ 83.7	"	+ 83.7	K-4(1x2) Top of Ridge (End of Line)
					° ′		° ′		9				
					° ′		° ′		10				
					° ′		° ′		11				
					° ′		° ′		12				
					° ′		° ′		13				
					° ′		° ′		14				
					° ′		° ′		15				
					° ′		° ′		16				
					° ′		° ′		17				
					° ′		° ′		18				
					° ′		° ′		19				
					° ′		° ′		20				
					° ′		° ′		21				

Add'n'l Inform.

Oak-O. Fir-Fr. Pine-Pl. Cedar-Ce. Sycamore ....Sy. Eucalyptus ....Eu. Plus combinations of these and all common standard abbreviations.

Traveled Rd. Tr.Rd. Fence .....Fn. Int. Fences.V.Fns. Ditch .....Di. Telephone.Pole T.P. Power Pole...P.P. Culvert .....Cul.

Saddle .....Sa. Swale .....Sw. Flat .....Fl. Stream .....Str. Trail .....Tr. Pavement ....Pvt. Edge of Road E.Rd.

Side of Canyon S.Cn. Top of Bank...T.B. Bottom of Bank.B.B. Top of Cut.....T.C. Bottom of Cut...B.C. Top of Fill.....T.F. Bottom of Fill.B.F.

Inters. of Draws.V.D's Break in Slope..Bk.S. Steep Slope.....S.S. Top of Cliff.....T.Cl. Bottom of Cliff..B.Cl. Top of Spur.....T.Sp. Bottom Canyon..B.Cn.

F.B. 2694 PG. 146

Topography Description Legend:
Side Hill.....S.H. Bottom Draw.B.D.
Side of Draw.S.D. Bottom Wash B.W.
Side of Ridge.S.R. Top of Ridge.T.R.
Head of Draw H.D. Toe of Slope..T.S.

768614 CE301 7-57

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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

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle	Elevation of Point	+ Back Sight	+ Difference Elevation	Height of Instrument	+ Vertical Distance	REMARKS Station Left Right
L-Line									1				
T-18								1989.83	2		5.15		T-18(1"IP)1x2, Top Spur
	T-19	5.56 / 4.74	82.0	5.15		73.6	18 43	1964.9	3	24.9	"	24.9	Break
	"	5.89 / 4.40	149.0	"		140.5	13 48	1955.3	4	34.5	"	34.5	Top of Spur
	"	6.40 / 3.86	254.0	"		241.2	12 58	1934.3	5	55.5	"	55.5	" " "
	"	9.67 / 6.64	303.0	8.15		287.6	13 02	1920.2	6	69.6	"	66.6	L-1(1x2) Side Hill
L-1								1920.2	7		4.80		
	T-19	9.33 / 8.26	107.0	8.80		92.2	21 49	1879.3	8	40.9	"	36.9	Side Hill
	"	5.90 / 3.70	220.0	4.80		188.5	22 14	1843.2	9	77.0	"	77.0	" "
	"	6.33 / 3.23	310.0	"		273.7	20 00	1820.6	10	99.6	"	99.6	" "
	"	6.61 / 3.00	361.0	"		326.3	18 04	1813.8	11	106.4	"	106.4	Top of Spur
	"	6.90 / 2.68	422.0	"		384.3	17 24	1799.8	12	120.4	"	120.4	Toe of Slope
	"	6.39 / 1.22	517.0	3.80		482.4	15 00	1791.9	13	128.3		129.3	L-2(1x2) Flat
L-2									14		5.25		
	T-19	5.70 / 4.80	90.0	5.25		89.8	2 40	1787.7	15	4.2	"	4.2	Flat
	"	6.06 / 4.42	164.0	"		163.8	2 05	1785.9	16	6.0	"	6.0	"
	"	6.36 / 4.13	223.0	"		222.7	1 58	1784.3	17	7.6	"	7.6	Break
	"	7.62 / 4.91	271.0	6.25		270.5	2 30	1779.1	18	12.8	"	11.8	Small Drain
	"	6.90 / 3.60	330.0	5.25		329.7	1 39	1782.3	19	9.6	"	9.6	Center of Dirt Road
	"	7.99 / 3.30	389.0	"		388.8	1 06	1784.4	20	7.5	"	7.5	T-19 (1" I.P) (over)
									21				

Add'n'l Inform.

Notes Red. ____ Platted ____ Job No. 0075.64 Division No. ____
Date ____ Date 11-25-64 Survey of Sand Cyn. Rd.
Notes Chkd. ____ Checked ____ Survey by W. J. Yoge Notes Yoge Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2694 PG. 147

765614 CE301 7-57

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F.B. Pg.

Topography Description Legend:
Side Hill ....S.H. | Bottom Draw B.D.
Side of Draw..S.D. | Bottom Wash B.W.
Side of Ridge..S.R. | Top of Ridge..T.R.
Head of Draw H.D. | Toe of Slope..T.S.

Inters. of Draws. V.B's
Break in Slope..Bk.S.
Steep Slope.....S.S.
Top of Cliff.....T.Cl.
Bottom of Cliff..B.Cl.
Top of Spur.....T.Sp.
Bottom Canyon..B.Cn.

Side of Canyon S.Cn.
Top of Bank...T.B.
Bottom of Bank..B.B.
Top of Cut....T.C.
Bottom of Cut..B.C.
Top of Fill....T.F.
Bottom of Fill..B.F.

Saddle .....Sa.
Swale .....Sw.
Flat .....Fl.
Stream .....Str.
Trail .....Tr.
Pavement .....Pvt.
Edge of Road E.Rd.

Traveled Rd. Tr.Rd.
Fence .....Fe.
Int. Fences..V.Fe.
Ditch .....Dt.
Telephone Pole T.P.
Power Pole....P.P.
Culvert .....Cul.

Oak-O. Fir-Fr.
Pine-Pi. Cedar-Ce.
Sycamore .....Sy.
Eucalyptus .....Eu.
Plus combinations of these and all common standard abbreviations.

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Red→	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle —	Elevation of Point	+ Back Sight	+ Difference Elevation —	Height of Instrument	+ Vertical Distance —	REMARKS Station	Left Right
L-2	T-19				° '		° '	1785.86	1				End of Line	
					° '		° '		2				Side HILL	
					° '		° '		3					
					° '		° '		4				NOTE: Pump house	
					° '		° '		5				on L-Line is	
					° '		° '		6				mis plotted.	
					° '		° '		7				See sheet 4.	
					° '		° '		8				for correct position.	
					• '		• '		9					
					° '		° '		10					
					° '		° '		11					
					° '		° '		12					
					° '		° '		13					
					° '		° '		14					
					° '		° '		15					
					° '		° '		16					
					° '		° '		17					
					° '		° '		18					
					° '		° '		19					
					° '		° '		20					
					° '		• '		21					

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765614 CE301 7-57

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
M-Line									1				
									2				
S-8A	S-8				308 00			1964.47	3		4.56		S-8A (1x2 EN) Side HiLL
	M-1	4.77 / 4.33	44.0	4.56		37.5	22 32	1948.9	4	15.6	"	15.6	Break
	"	11.24 / 9.88	136.0	10.56		109.6	26 09	1904.7	5	59.8	"	53.8	"
	"	5.49 / 3.65	184.0	4.56		147.7	26 23	1891.2	6	73.3	"	73.3	Drain
	"	5.70 / 3.42	228.0	"		215.3	13 37	1912.3	7	52.2	"	52.2	Side HiLL
	"	6.03 / 3.12	291.0	"		290.0	3 21	1947.5	8	17.0	"	17.0	(M-1) Top of Spur
									9				End of Line
									10				
									11				
									12				
									13				
									14				
									15				
									16				
									17				
									18				
									19				
									20				
									21				

Add'n'l Inform.

Notes Red. ____ Platted ____ Job No. 0075.64 Division No. ____ F.B. 2694 Pg. 149

Date ____ Date 11-25-64 Survey of Sand Gyn Rd

Notes Chkd. ____ Checked ____ Survey by W J Voge Notes Voge Date ____

Date ____ Date ____ Map No. ____ Indexed ____ C. J. GALLI Date ____

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod→	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
N-Line									1				
S-8A								1964.47	2		4.56		S-8A (1x2 ℄N) side Hill
	T-17	4.95 / 4.19	76.0	4.56		62.7	+ 24.46	1993.4	3	+ 28.9	"	+ 28.9	N-1 (1x2) Top of Spur
N-1								1993.4	4		4.52		
	T-17	4.81 / 4.22	59.0	4.52		59.0	+ 1.18	1994.7	5	+ 1.3	"	+ 1.3	N-2 (1x2) Break
N-2								1994.7	6		5.05		
	T-17	5.45 / 4.64	81.0	5.05		77.3	− 12.20	1977.8	7	− 16.9	"	− 16.9	Side Hill
	"	5.70 / 4.38	132.0	"		126.9	− 11.21	1969.2	8	− 25.5	"	− 25.5	Draw
	"	5.88 / 4.22	166.0	"		165.4	− 3.28	1984.7	9	− 10.0	"	− 10.0	N-3 (1x2) Top of Spur
N-3								1984.7	10		5.22		
	T-17	5.65 / 4.78	87.0	5.22		79.6	− 16.54	1960.5	11	− 24.2	"	− 24.2	Top of Bank
	"	5.80 / 4.62	118.0	"		106.4	− 18.16	1949.6	12	− 35.1	"	− 35.1	Draw
	"	5.83 / 4.59	124.0	"		120.2	− 10.02	1963.4	13	− 21.3	"	− 21.3	Top of Bank
	"	6.11 / 4.32	179.0	"		179.0	+ 0.37	1986.6	14	+ 1.9	"	+ 1.9	Side Hill
	"	6.49 / 3.96	253.0	"		248.2	+ 7.54	2019.1	15	+ 34.4	"	+ 34.4	Bottom of Cliff
	"	7.22 / 3.21	401.0	"		342.0	+ 22.33	2126.9	16	+ 142.2	"	+ 142.2	T-17 (1 IP) Top of Ridge
									17				End of Line
									18				
									19				
									20				
									21				

Add'n'l Inform.

Topography Description Legend: Side Hill....S.H. Side of Draw.S.D. Side of Ridge.S.R. Head of Draw H.D. Bottom Draw.B.D. Bottom Wash B.W. Top of Ridge.T.R. Top of Slope..T.S.

Inters. of Draws.V.D's Break in Slope..Bk.S. Steep Slope.....S.S. Top of Cliff.....T.Cl. Bottom of Cliff..B.Cl. Top of Spur.....T.Sp. Bottom Canyon..B.Cn.

Side of Canyon S.Cn. Top of Bank...T.B. Bottom of Bank.B.B. Top of Cut.....T.C. Bottom of Cut..B.C. Top of Fill.....T.F. Bottom of Fill.B.F.

Saddle .....Sa. Swale .....Sw. Flat .....Fl. Stream .....Str. Trail .....Tr. Pavement ....Pvt. Edge of Road E.Rd.

Traveled Rd. Tr.Rd. Fence .....Fn. Int. Fence.V.Fn. Ditch .....Di. Telephone Pole T.P. Power Pole....P.P. Culvert .....Cul.

Oak-O. Fir-Fr. Pine-Pl. Cedar-Ce. Sycamore .....Sy. Eucalyptus .....Eu. Plus combinations of these and all common standard abbreviations.

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
O-LINE									1				
									2				
S-9	S-9B				316.00			1829.83	3				S-9 (1" I.P) SIDE HILL
"	0-1	5.27 / 4.64 / 5.09	63	4.95		60.0	+ 12.32	1843.1	4	+ 13.3	4.95	+ 13.3	0-1 1x2 TOP SPUR
0-1	0-2	4.91 / 5.27	18	5.00		16.3	18.00	1837.8	5	5.3	5.00	5.3	TOP BREAK
"	"	4.74 / 5.65	53	"		40.6	28.56	1820.7	6	22.4	"	22.4	BREAK IN SLOPE
"	"	4.35 / 5.94	130	"		104.5	26.18	1791.5	7	51.6	"	51.6	SIDE HILL
"	"	4.06 / 6.19	188	"		159.8	22.48	1775.9	8	67.2	"	67.2	SIDE HILL
"	"	3.83 / 6.45	236	"		209.0	19.45	1768.1	9	75.0	"	75.0	BOTTOM DRAIN
"	"	3.55 / 6.67	290	"		271.3	14.42	1771.9	10	71.2	"	71.2	TOE OF SLOPE
"	"	3.32 / 6.91	335	"		327.3	8.44	1792.8	11	50.3	"	50.3	SIDE HILL
"	"	3.10 / 5.65	381	"		380.2	2.31	1826.4	12	16.7	"	16.7	0-2 (1x2) TOP SPUR
0-2	0-3	4.55 / 12.05	110	5.12		92.5	23.31	1786.2	13	40.2	5.12	40.2	DRAW
"	"	10.21 / 6.24	184	11.12		170.3	15.49	1772.2	+6' 14	54.2	"	48.2	TOE OF SLOPE
"	"	4.00 / 6.64	224	5.12		208.1	15.29	1768.8	15	57.6	"	57.6	DRAW
"	"	3.60 / 11.91	304	"		293.8	10.57	1769.7	16	56.7	"	56.7	TOP SPUR
"	"	8.39 / 7.33	352	10.12		339.4	10.55	1755.9	+5' 17	70.5	"	65.5	TOE OF SLOPE
"	"	2.95 / 12.14	438	5.12		424.2	10.14	1749.8	18	76.6	"	76.6	CANYON - DIRT RD
"	"	6.12	602	9.12		591.3	7.40	1742.8	+4' 19	83.6	"	79.6	FENCE LINE-FLAT
									20				END OF LINE
									21				

Add'n'l Inform.

Notes Red. ____ Platted ____ Job No. 0075.64 Divided by ____ P.B. 2694 Pg. [illegible]
Date ____ Date 11-27-64 Survey of Sand Gyn Rd
Notes Chkd. ____ Checked ____ Survey by D. J. Voge Notes Fulton Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle —	Elevation of Point	+ Back Sight	+ Difference Elevation —	Height of Instrument	+ Vertical Distance —	REMARKS Station	REMARKS Left Right
P-1	LINE				° '		° '		1					
									2					
S-10	T-22				215 00			1785.49						S-10 (1" I.P.) TOP OF RIDGE
"	P-1	503 479	24	4.91		23.0	11.53	1780.7		4.8	4.91	4.8		TOP OF RIDGE BREAK IN SLOPE
"	"	527 457	70	"		69.2	6.17	1777.9		7.6	"	7.6		BREAK IN SLOPE
"	"	549 434	115	"		112.9	7.49	1770.0		15.5	"	15.5		BREAK IN SLOPE
"	"	1082 900	182	9.91		180.5	5.10	1764.2	+5'	21.3	"	16.3		BREAK IN SLOPE
"	"	1403 1179	224	12.91		222.6	4.31	1759.9	+8'	25.6	"	17.6		BREAK IN SLOPE
"	"	1140 840	300	9.91		298.6	3.59	1759.7	+5'	25.8	"	20.8	P-1 1X2	TOP OF BREAK
P-1								1759.7						
"	P-2	1000 986	14	9.92		14.2	LEVEL	1754.2		5.52	4.40	5.52		TOP STEEP SLOPE
HAND LEVEL FROM N. EDGE HWY			3.4			39.5	LEVEL	1717.9	4.0	41.8		+0.6		TOE STEEP SLOPE SOUTH EDGE HWY.
P-1	P-2	1086 997	89	10.40		70.1	27.26	1717.3	+6'	42.4	4.40	36.4		N. EDGE HWY
"	"	520 360	160	4.40		146.6	16.50	1715.3		44.4	"	44.4		FLAT - LOT
"	"	564 318	246	"		237.5	10.42	1714.8		44.9	"	44.9		TOP OF CUT
"	"	572 309	263	"		252.9	11.17	1709.3		50.4	"	50.4		TOE OF CUT
"	"	664 216	448	"		441.6	6.53	1706.4		53.3	"	53.3		FLAT AREA
"	"	753 127	626	"		621.0	5.07	1704.1		55.6	"	55.6		TOP OF SLOPE
"	"	1060 420	640	7.40		634.9	5.06	1700.1	+3'	59.6	"	56.6		V's OF DRAIN
														END OF LINE

Add'l Inform.

Traveled Rd. Tr.Rd. Fir-Fr. Oak-O. Fence ..... V.Fn. Pine-Pi. Int. Fences V.Fns. Cedar-Ce. Sycamore ..... Sy. Ditch ..... Dt. Eucalyptus ..... Eu. Telephone/Pole T.P. Plus combinations Power Pole ..... P.P. of these and all Culvert ..... Culv. common standard abbreviations.

Saddle ..... Sa. Swale ..... Sw. Flat ..... Fl. Stream ..... Str. Trail ..... Tr. Pavement ..... Pvt. Edge of Road E.Rd.

Side of Canyon S.Cn. Top of Bank ..... T.B. Bottom of Bank ..... B.B. Top of Cut ..... T.C. Bottom of Cut ..... B.C. Top of Fill ..... T.F. Bottom of Fill ..... B.F.

Side of Draw. V.D's Top of Break in Slope ..... Bk.S. Bottom Slope ..... S.S. Top of Cliff ..... T.Cl. Bottom of Cliff ..... B.Cl. Top of Spur ..... T.Sp. Bottom Canyon ..... B.Cn.

Topography Description Legend: Side Hill ..... S.H. Side of Draw. S.D. Side of Ridge. S.R. Head of Draw H.D. Bottom Draw. B.D. Bottom Wash B.W. Top of Ridge. T.R. Toe of Slope. T.S.

F.B. 2694 PG. 152

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
Q-Line													
T-22	S-10				115.00			1919.0			4.91		T-22(1"IP) Top of Ridge
	Q-4	5.23 / 4.57	66.0	4.91		57.3	21.15	1896.7		22.3	"	22.3	Break
	"	5.74 / 4.07	167.0	"		150.0	18.37	1868.5		50.5	"	50.5	Small Spur
	"	13.91 / 11.90	201.0	12.91		186.8	15.26	1859.4		59.6	"	51.6	Break
	"	6.39 / 3.45	294.0	4.91		287.6	8.31	1876.0		43.0	"	43.0	Q-1(1x2) Top of Hill
Q-1								1876.0			5.17		
	Q-4	10.63 / 9.70	93.0	10.17		81.2	20.52	1840.0		36.0	"	31.0	Side Hill
	"	10.30 / 8.05	225.0	9.17		194.3	21.41	1794.8		81.2	"	77.2	Bott. of Drain
	"	6.64 / 3.69	295.0	5.17		276.5	14.30	1804.5		71.5	"	71.5	Side Hill
	"	7.00 / 3.32	368.0	"		362.0	7.21	1829.3		46.7	"	46.7	Q-2(1x2) Saddle
Q-2								1829.3			5.25		
	Q-4	4.26 / 3.24	102.0	3.75		100.5	7.02	1818.4		10.9	"	12.4	Q-3(1x2) Side Hill
Q-3								1818.4			5.08		
		10.42 / 9.74	68.0	10.08		65.6	10.52	1800.8		17.6	"	12.6	Draw
		10.08 / 8.05	203.0	9.08		202.7	+ 2.15	1822.4		+ 4.0	"	+ 8.0	Q-4(1x2) Top of Spur
													End of Line

Add'n'l Inform.

Notes Red. Plotted Job No. 0075.64 Division No.
Date Date 11-30-64 Survey of Sand Cyn Rd
Notes Chkd. Checked Survey by W. J. Voge Notes Voge Date
Date Date Map No. Indexed C. J. GALLI Date

F.B. 2694 Pg. 153

765614 CE301 7-57

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Red→	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
R-Line									1				
T-23								1823.5	2		5.15		T-23(1"IP) Top of Ridge
	T-24	5.35 / 4.95	40.0	5.15		32.4	− 25 47	1807.8	3	− 15.7	"	− 15.7	Top of Drain
	"	11.66 / 10.65	101.0	11.15		80.4	− 26 52	1776.8	4	− 46.7	"	− 40.7	Side Hill
	"	8.19 / 6.12	207.0	7.15		177.3	− 22 15	1749.0	5	− 74.5	"	− 72.5	Top of Break
	"	9.28 / 7.03	225.0	8.15		191.6	− 22 39	1740.5	6	− 83.0	"	− 80.0	Edge of Pav.
	"	6.42 / 3.87	255.0	5.15		224.1	− 20 22	1740.3	7	− 83.2	"	− 83.2	" " "
	"	6.61 / 3.66	295.0	"		265.1	− 18 34	1734.4	8	− 89.1	"	− 89.1	Top of Bank
	"	6.66 / 3.62	304.0	"		272.9	− 18 40	1731.3	9	− 92.2	"	− 92.2	Bottom of Drain
	"	6.70 / 3.58	312.0	"		284.5	− 17 16	1735.1	10	− 88.4	"	− 88.4	Top of Bank
	"	7.00 / 3.30	370.0	"		346.6	− 14 33	1733.6	11	− 89.9	"	− 89.9	R-1(1x2) Flat
R-1								1733.6	12		5.35		
	T-24	5.90 / 4.80	110.0	5.35		110.0	− 0 22	1732.9	13	− 0.7	"	− 0.7	Flat
	"	6.44 / 4.26	218.0	"		218.0	− 0 14	1732.7	14	− 0.9	"	− 0.9	"
	"	8.08 / 4.61	347.0	6.35		347.0	− 0 06	1732.0	15	− 1.6	"	− 0.6	Toe of slope
	"	11.48 / 7.23	425.0	9.35		423.3	+ 3 42	1757.0	16	+ 23.4	"	+ 27.4	Side Hill
	"	7.90 / 2.80	510.0	5.35		503.4	+ 6 32	1791.2	17	+ 57.6	"	+ 57.6	side Hill
	"	12.25 / 6.45	580.0	9.35		569.9	+ 7 35	1805.5	18	+ 71.9	"	+ 75.9	Side Hill
	"	12.38 / 5.57	681.0	8.98		669.1	+ 7 36	1819.3	19	+ 85.7	"	+ 89.3	T-4(1"IP) side Hill
									20				EL = 1818.5
									21				

Add'n'l Inform.

F.B. 2694 Pg. 154

Topography Description Legend:
Side Hill.....S.H. Bottom Draw.B.D.
Side of Draw.S.D. Bottom Wash B.W.
Side of Ridge.S.R. Top of Ridge.T.R.
Head of Draw H.D. Toe of Slope..T.S.

Inters. of Draws.V.D's Break in Slope..Bk.S. Steep Slope.....S.S. Top of Cliff.....T.Cl. Bottom of Cliff..B.Cl. Top of Spur.....T.Sp. Bottom Canyon..B.Cn.

Side of Canyon S.Cn. Top of Bank...T.B. Bottom of Bank.B.B. Top of Cut.....T.C. Bottom of Cut..B.C. Top of Fill.....T.F. Bottom of Fill.B.F.

Saddle .....Sa. Swale .....Sw. Flat .....Fl. Stream .....Str. Trail .....Tr. Pavement ....Pvt. Edge of Road E.Rd.

Traveled Rd. Tr.Rd. Fence .....Fn. Int. Fences.V.Fn. Ditch .....Dl. Telephone.Pole T.P. Power Pole....P.P. Culvert .....Cul.

Oak-O. Fir-Fr. Pine-Pl. Cedar-Ce. Sycamore .....Sy. Eucalyptus ....Eu. Plus combinations of these and all common standard abbreviations.

Notes Ck'd by KNOWLES	Survey of Sand Cyn Rd	F. B. 2694	Pg. 15
Map No. B 3030	JN 007564 Tape 43 Std 84 °F		
Office Work G. LUDVICKSON	Surveyed by W. J. Voge		
Checked J. A. CHURCH	Notes Voge. Date 4-27-65		
Date MAY 15 '67	Indexed C. J. GALLI		

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PROPOSED ℄ OF SAND CYN. RD.

FROM LOST CYN RD S'LY TO SEC COR 26|25 35|36

T 4 N, R 15 W

J.N. 007564

References Used:
FB. 1832
C.S.B. 736
Staking Sheet (G 172)

Party:
W. Voge
J Moore
R Strader
N. Cherry

76F3095 CE # 310 3-61

F. B. 2694 Pg. 160

INDEX

Soledad Cyn Rd

1/4 Cor (161)

Lost Cyn Rd.

(162)

PI #1 (163)

Proposed Sand Cyn. #2

SEC 23

(169)

PI #2

PI #3 (173)

PI #4 (176)

Center of Sec. (180)

(180)

1/4 Cor (177)

SEC. 26

PI #5 (187)

Sec. Cor (184)

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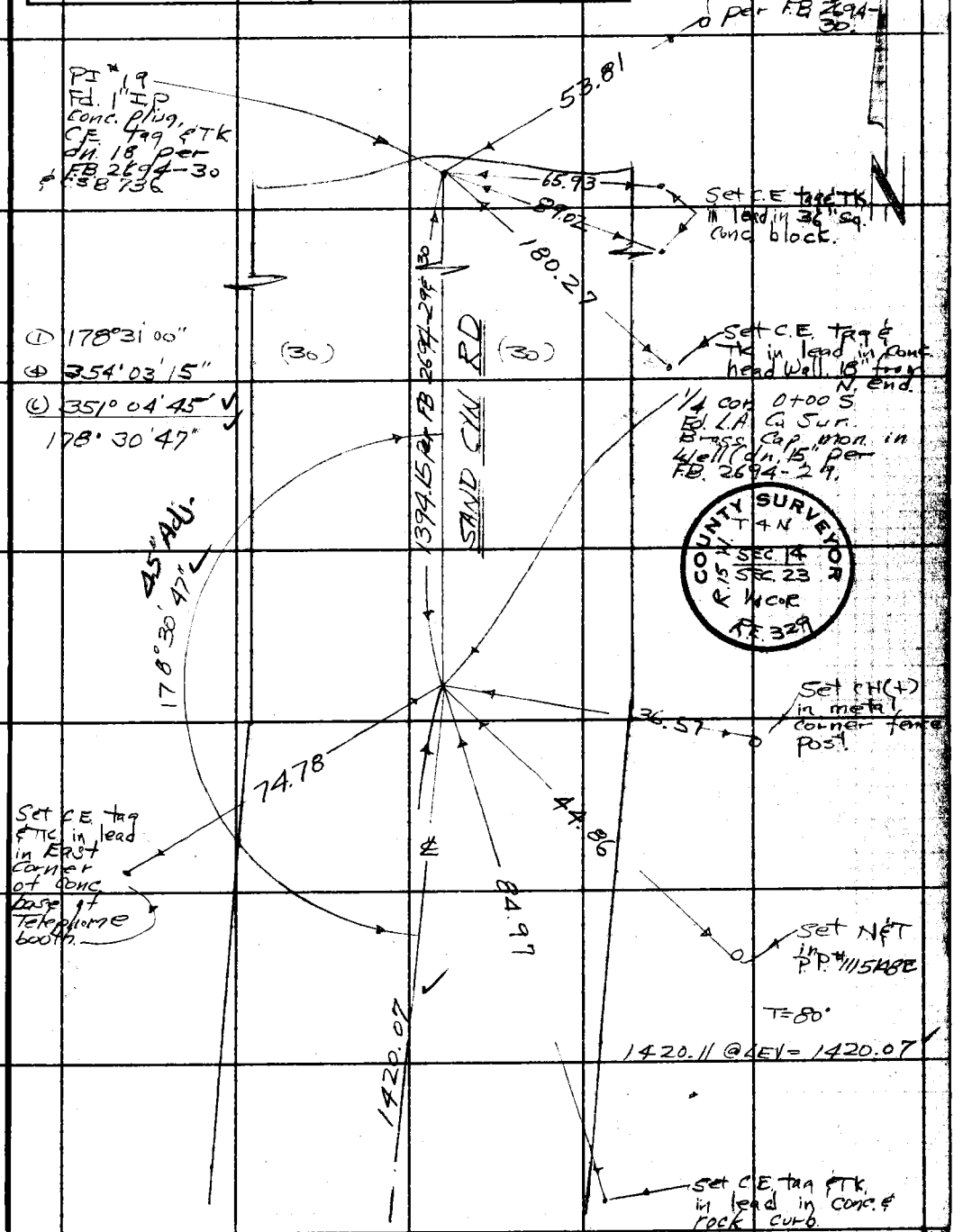
Notes Ck'd by Knowles	Survey of Sand Cyn. Rd	F. B. 2694 PG. 161
Map No. B 3030	JN 0075.64 Tape 143 Std 84 °F	(All ties are @ T=84° & Level.)
Office Work G. LUDVICKSON	Surveyed by W. J. Yoge	
Checked J. A. [illegible]	Notes Yoge Date 4-27-65	
Date MAY 15 '67	Indexed G. J. GALLI	



To Left Pg. 162

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W.S.C2, D-2

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76F309S CE # 310 3-61

F. B. 2694 Pg. 162

W.S. 62, D-2

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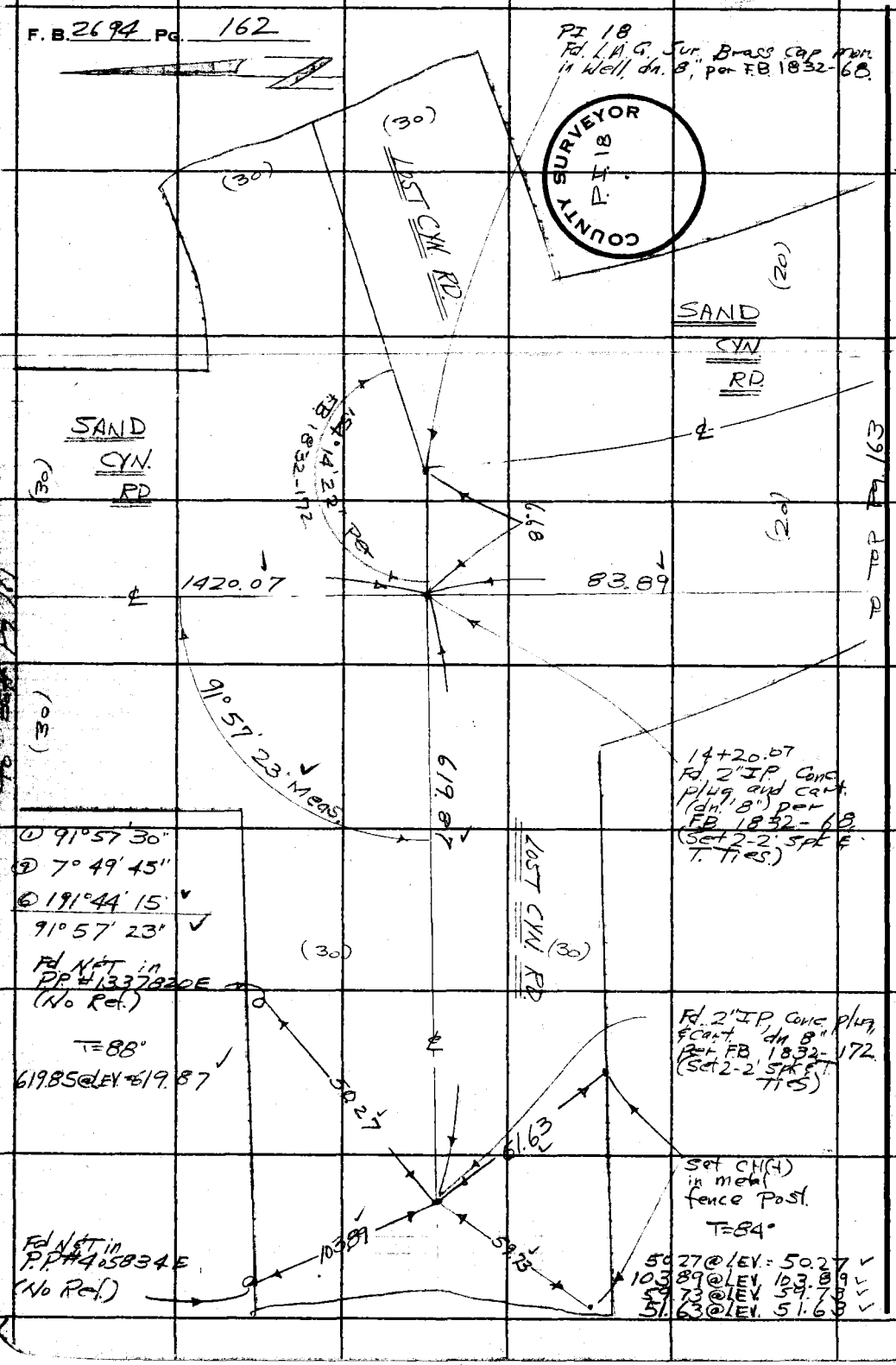
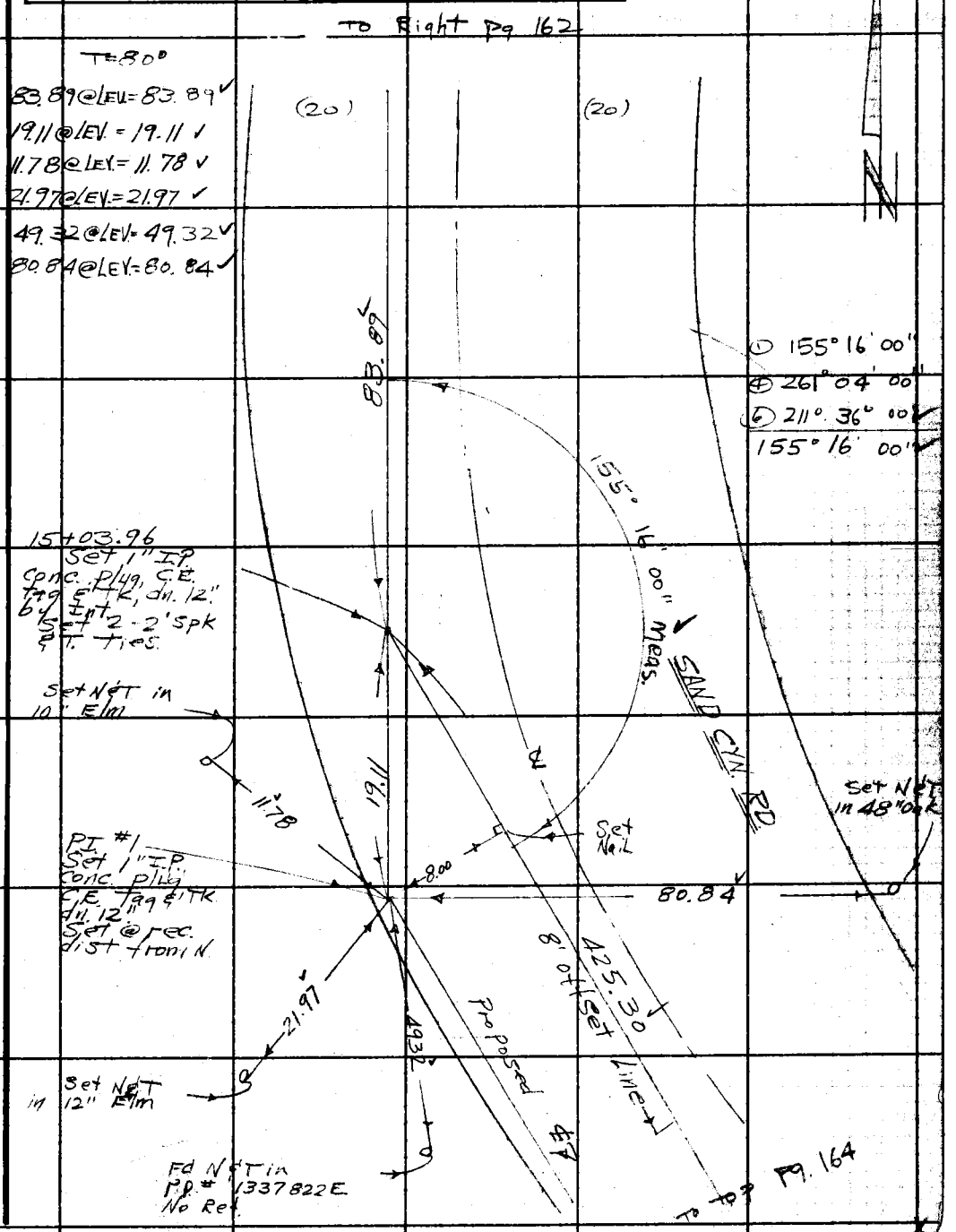


Notes Ck'd by Knowles	Survey of Sand Cyn. Rd.	F. B. 2694 PG. 163
Map No. B 3030	JN 0075.64 Tape 143 Std 84 °F	
Office Work J. A. CHURCH	Surveyed by W. J. Voge	
Checked J. A. CHURCH	Notes Voge Date 4-29-65	
Date MAY 15 '67	Indexed C. J. GALLI	



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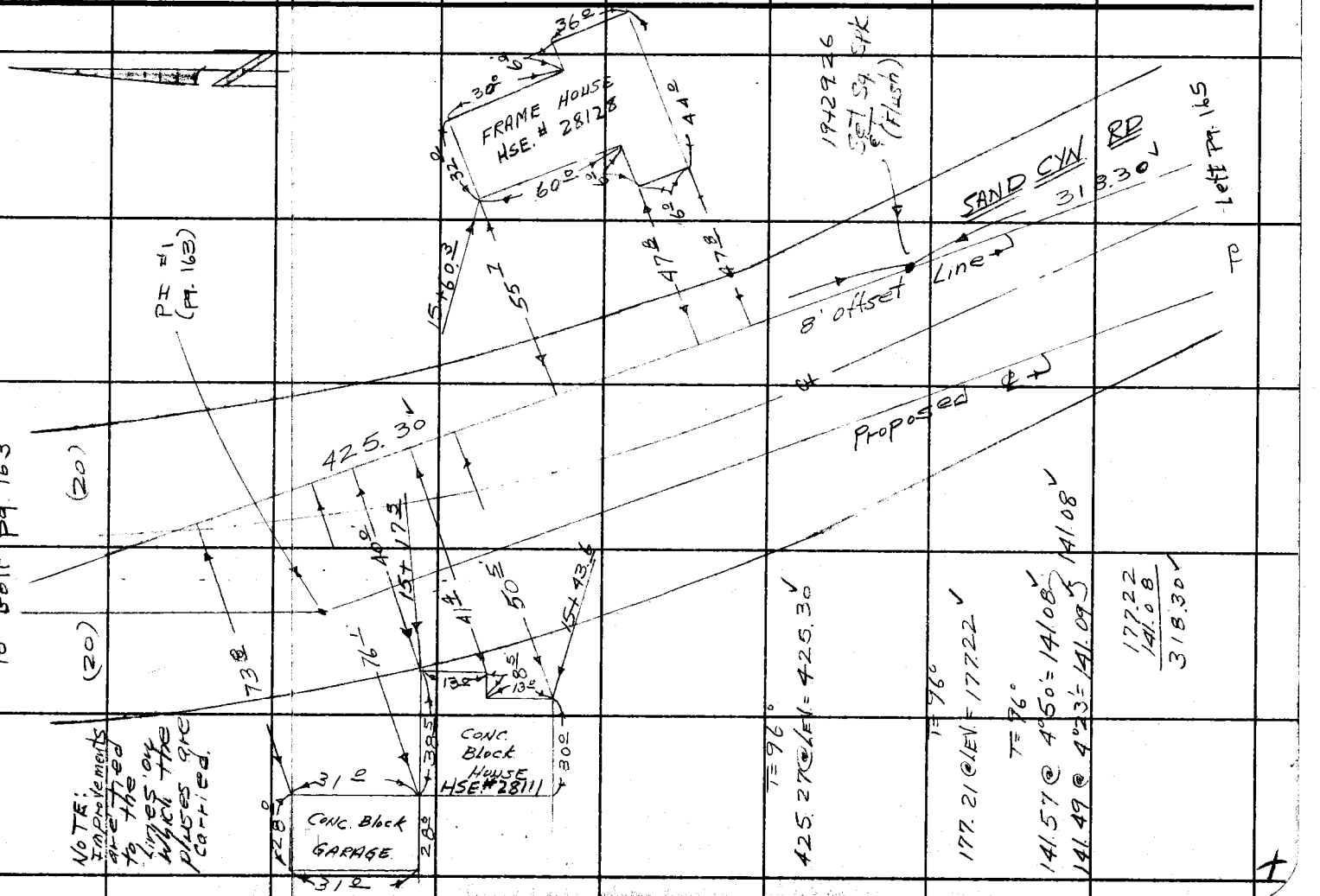
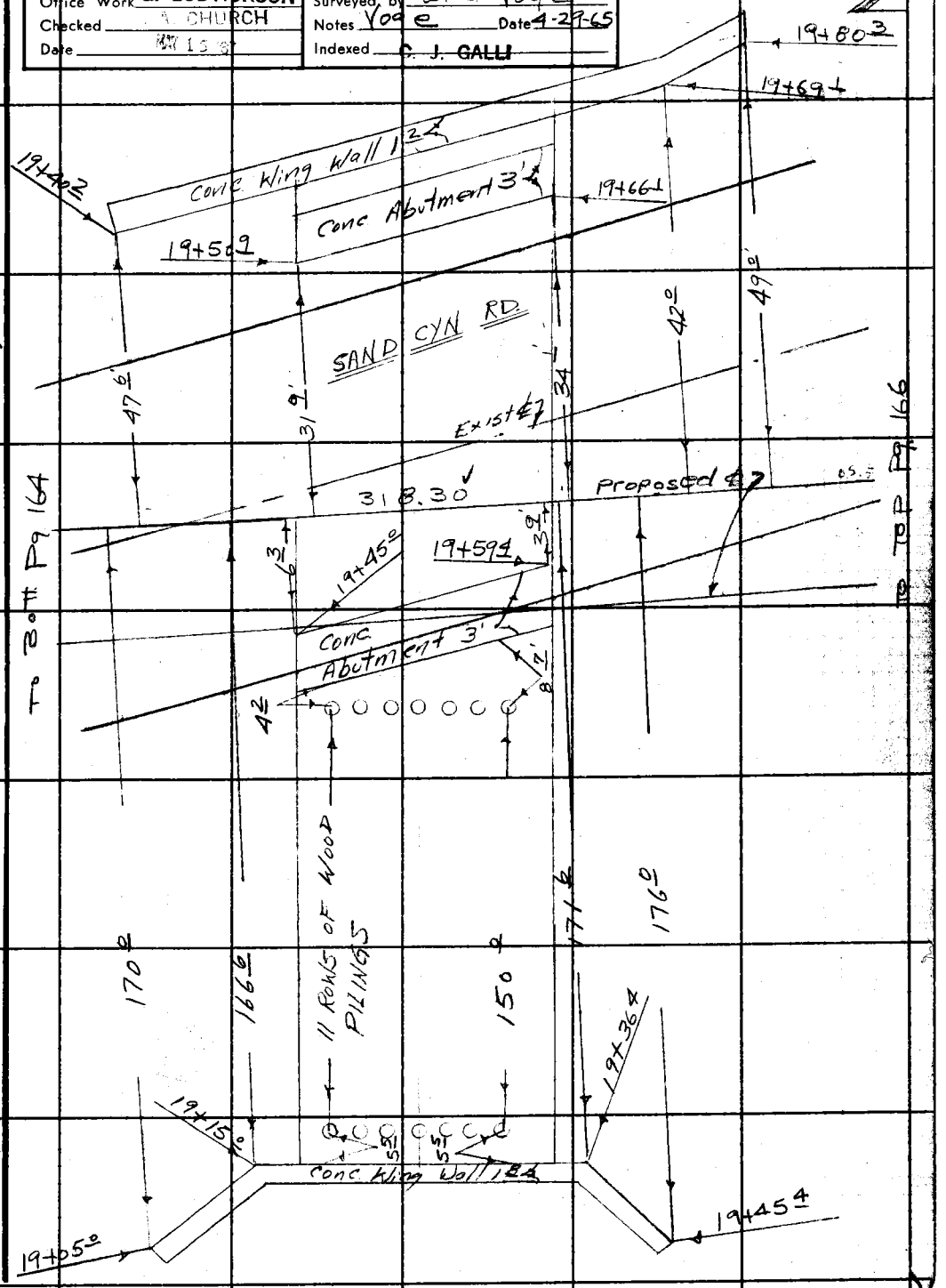


Notes Ck'd by Knowles	Survey of Sand Cyn Rd	F. B. 2694 Pg. 165
Map No. B 3030	JN 0075.64 Tape 143 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by W. J. Voge	
Checked A. CHURCH	Notes Voge Date 4-29-65	
Date [illegible]	Indexed C. J. GALLI	



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W.S. 62, D-2

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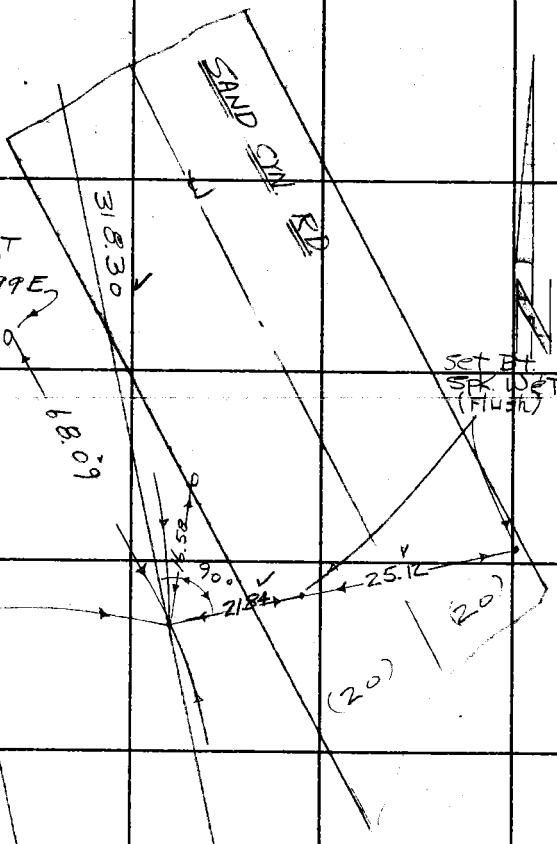
76F309S CE # 310 3-61

F. B. 2694 Pg. 166

To Right Pg. 165



T = 92°
25.12 @ LEY = 25.12 ✓
16.58 @ LEY = 16.58 ✓
68.09 @ LEY = 68.09 ✓

T = 92°
23.71 @ 22°53' = 21.84 ✓
23.12 @ 19°08' = 21.84 ≈ 21.84 ✓

T = 90°
1148.00 @ LEY = 1148.04 ✓

P.O.P. Pg. 167

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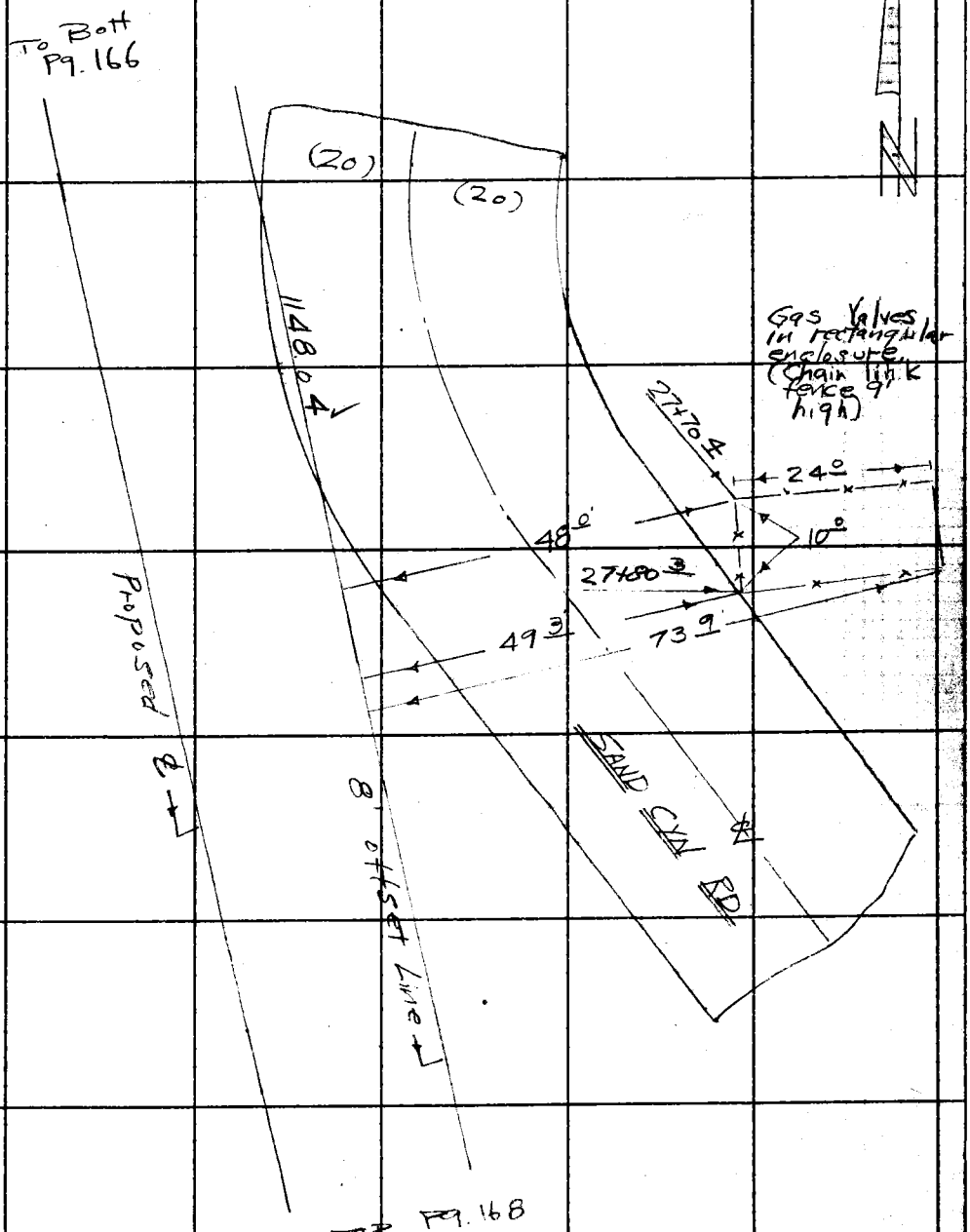
Map No. B 3030
Office Work G. LUDVICKSON
Checked J. A. CHURCH
Date

Survey of Sand Cyn Rd
JN 0075.92 Tape 173 Std 84 °F
Surveyed by W. J. Voge
Notes Voge Date 4-30-65
Indexed C. J. GALLI

F. B. 2694 PG. 167



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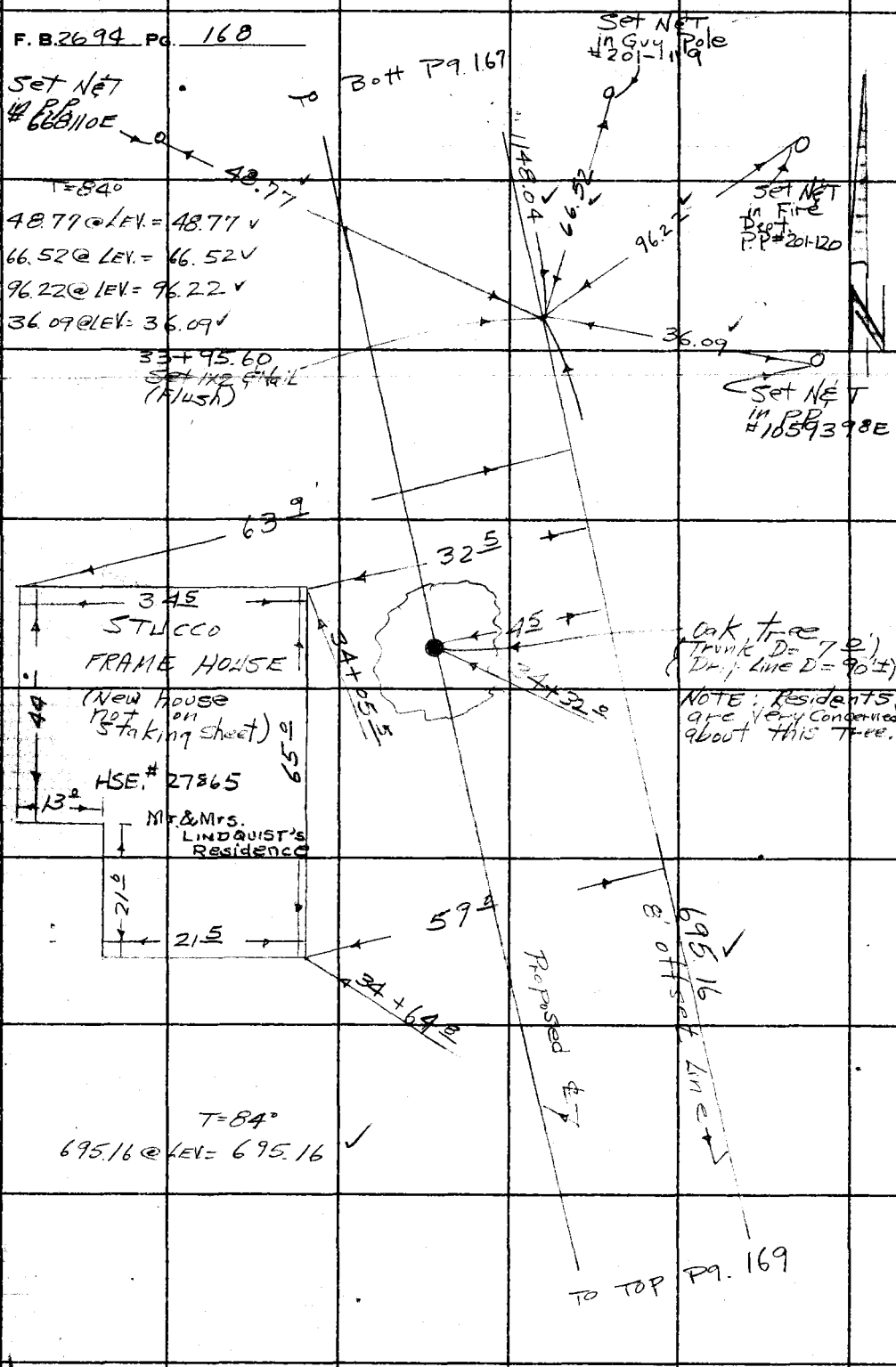
76F3085 CE # 310 3-61

F. B. 2694 Pg. 168



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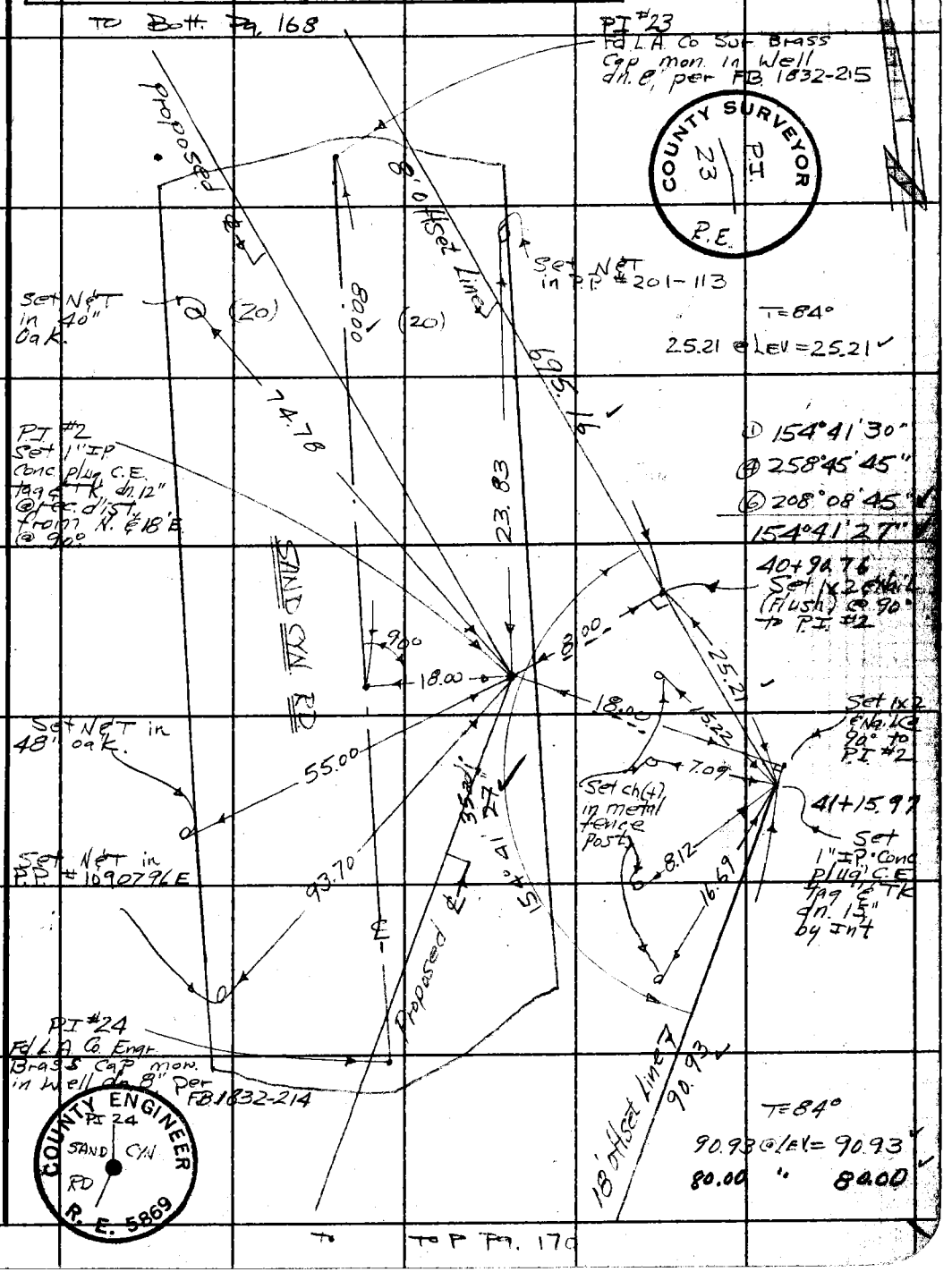
Notes Ck'd by Knowles	Survey of Sand Cyn. Rd	F. B. 2694 PG. 169
Map No. 33030	JN 0075.64 Tape 143 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by W. J. Voge	All Ties are Level & @ T=84°
Checked J. A. CHURCH	Notes Voge Date 4-30-65	
Date MAY 15 '67	Indexed C. J. GALLI	



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W.S. 62, D-2

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76F309S CE # 310 3-61

F. B 2694 Pg. 170

to B.# Pg. 169

W.S. 62, D-2

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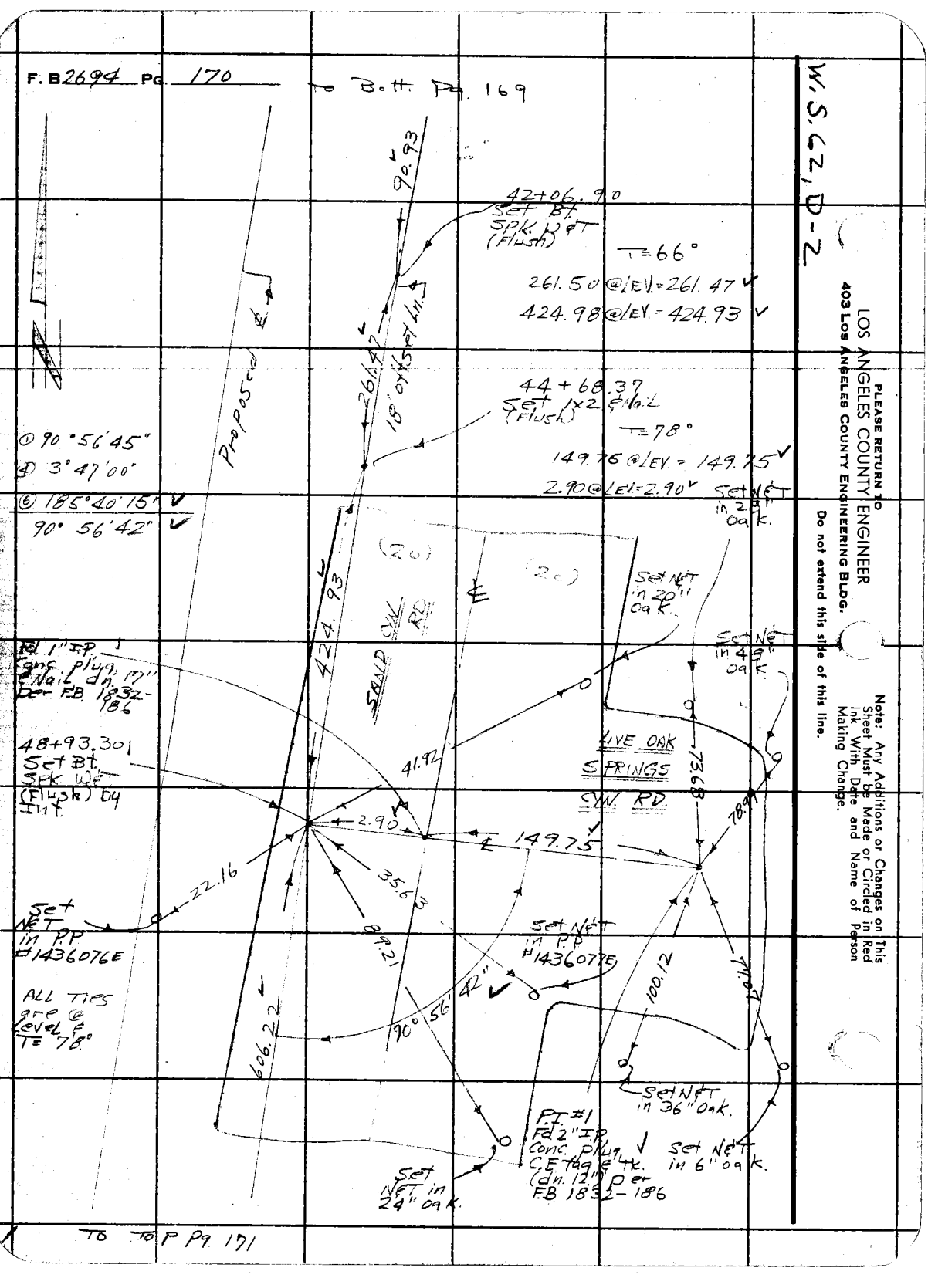


to to P Pg. 171

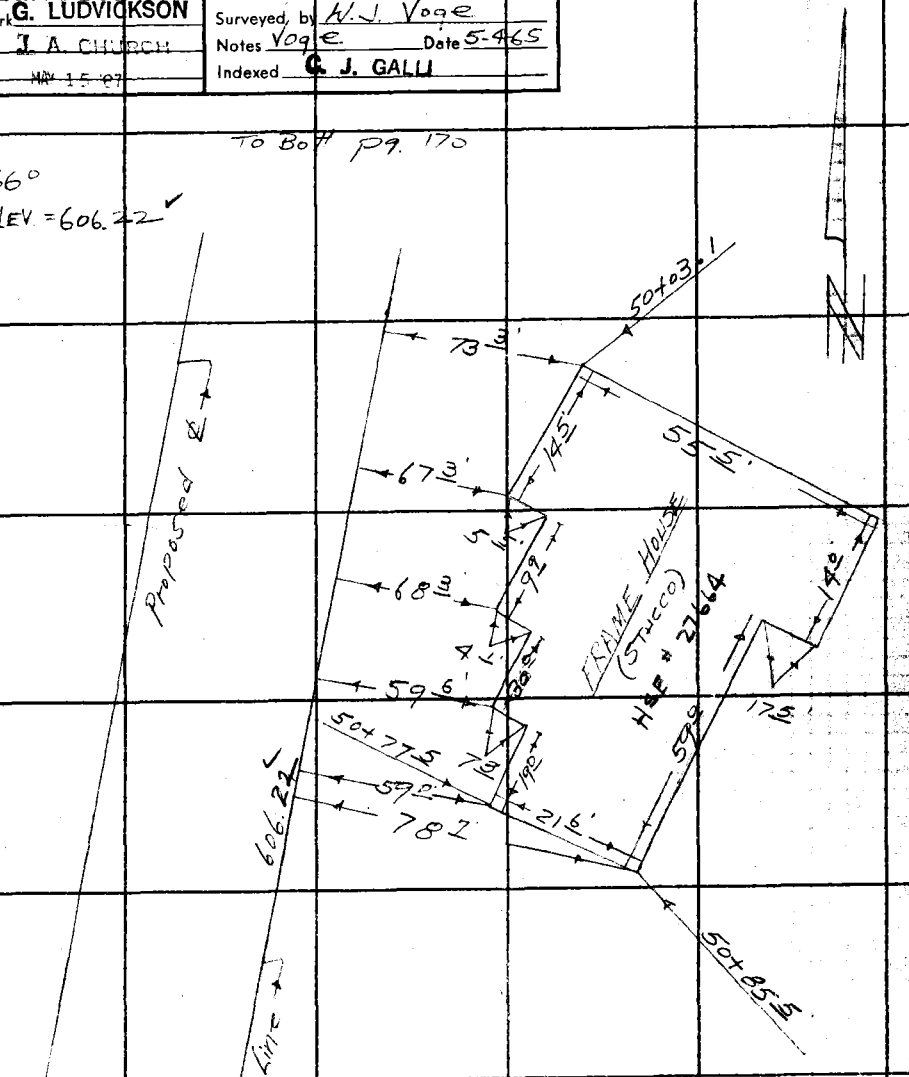
Notes Ck'd by Knowles	Survey of Sand Cyn. Rd
Map No. B 3030	JN 0075.04 Tape 143 Std 84 °F
Office Work G. LUDVICKSON	Surveyed by W.J. Voge
Checked J. A. CHURCH	Notes Voge Date 5-465
Date MAY 15 '67	Indexed C. J. GALLI

F. B. 2694 PG. 171

To Bo# pg. 170

T=66°

606.29 @ LEV = 606.22 ✓



To Left pg. 172

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76F3095 CE # 310 3-61

F. B. 2694 Pg. 172

W.S. 62, D-2

LOS ANGELES COUNTY ENGINEER
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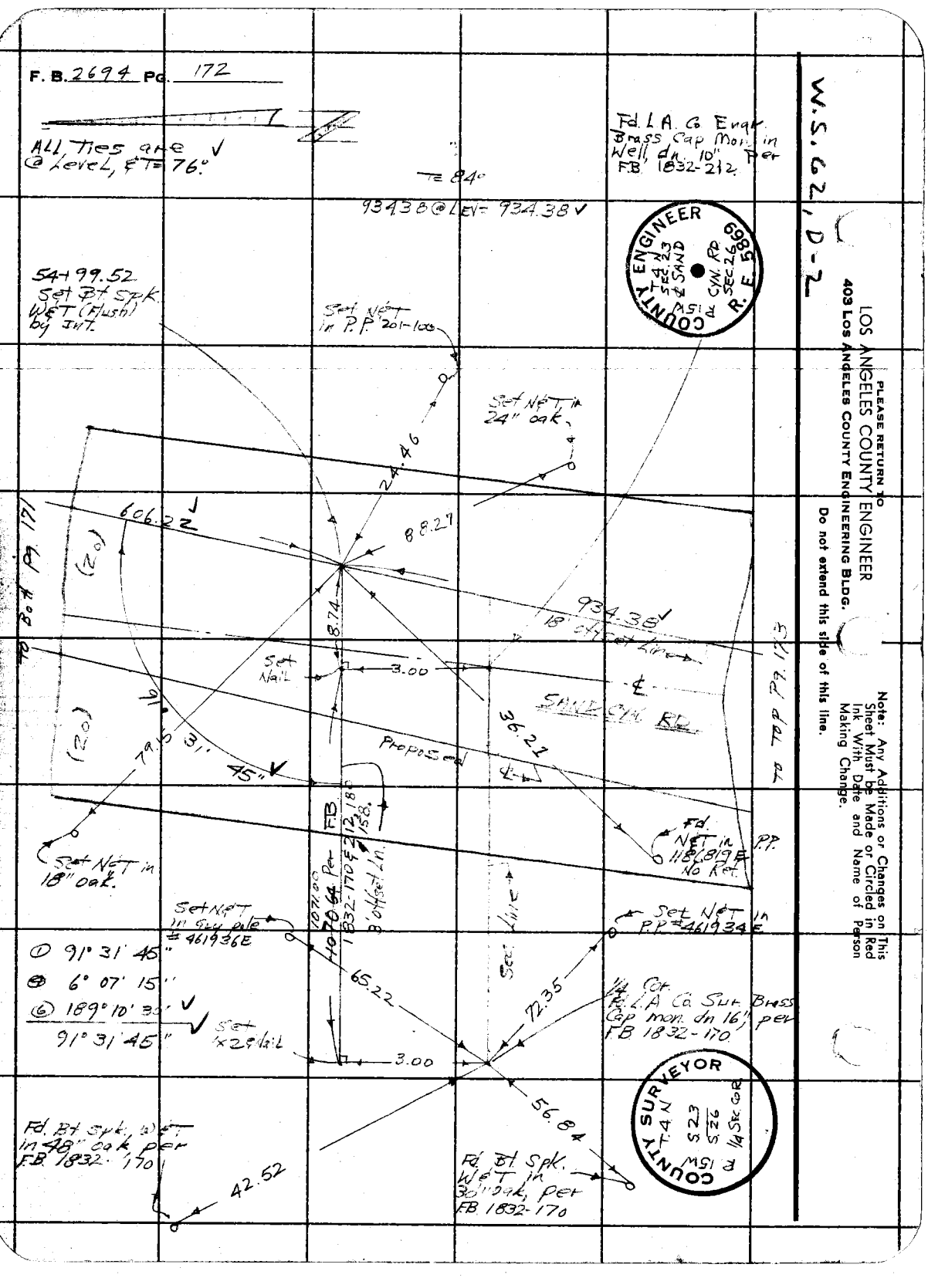
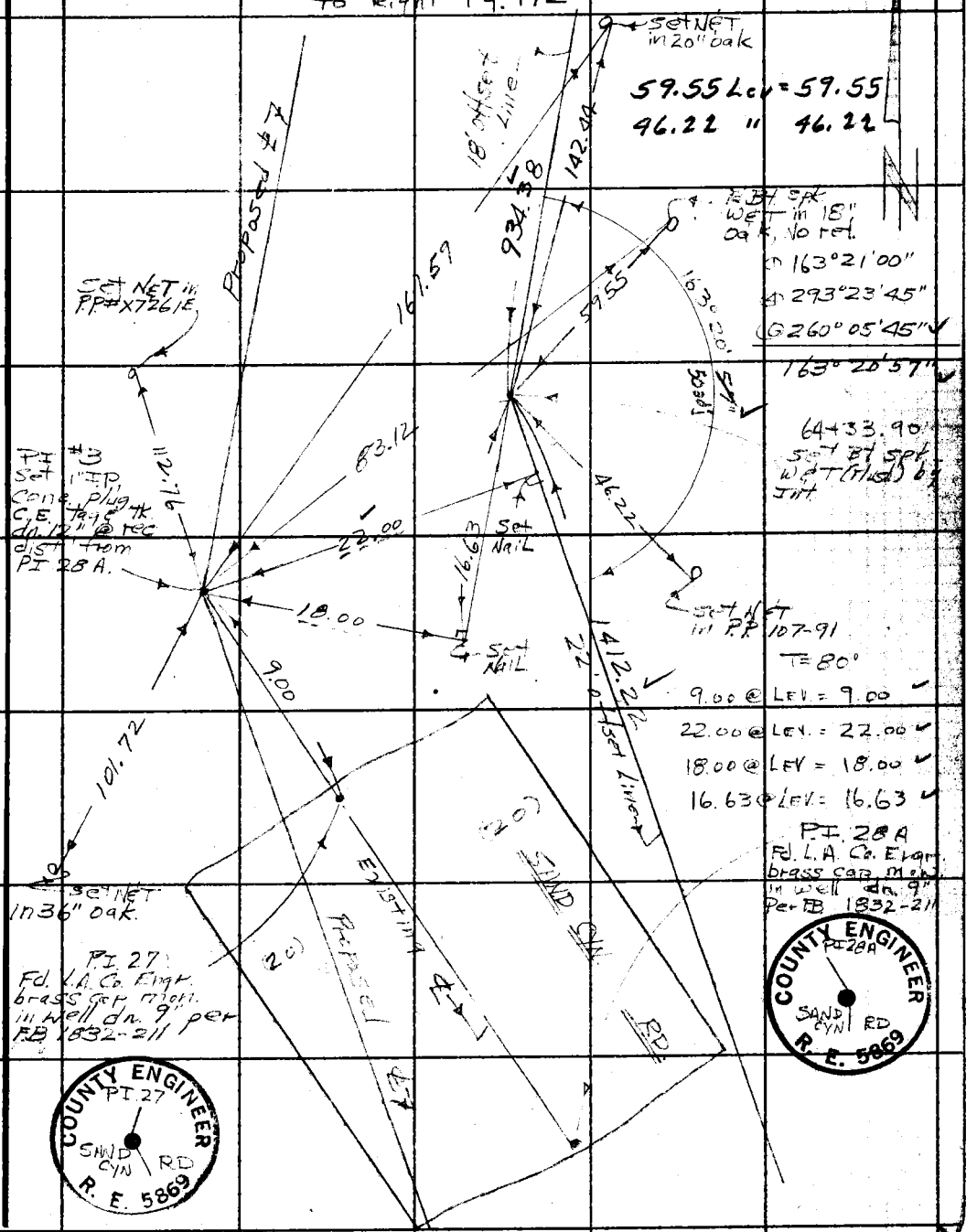


Notes Ck'd by Kenowles	Survey of Sand Cyn. Rd	F. B. 2694 Pg. 173
Map No. B 3030	JN 00 75.64 Tape 143 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by W. J. Voge	
Checked J. A. CHURCH	Notes Voge Date 5-13-65	
Date MAY 1 5 '67	Indexed C. J. GALLI	

All Ties are @ level, & T = 84° ✓

To Right Pg. 172



To Top Pg. 174

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W.S. 62, D-2

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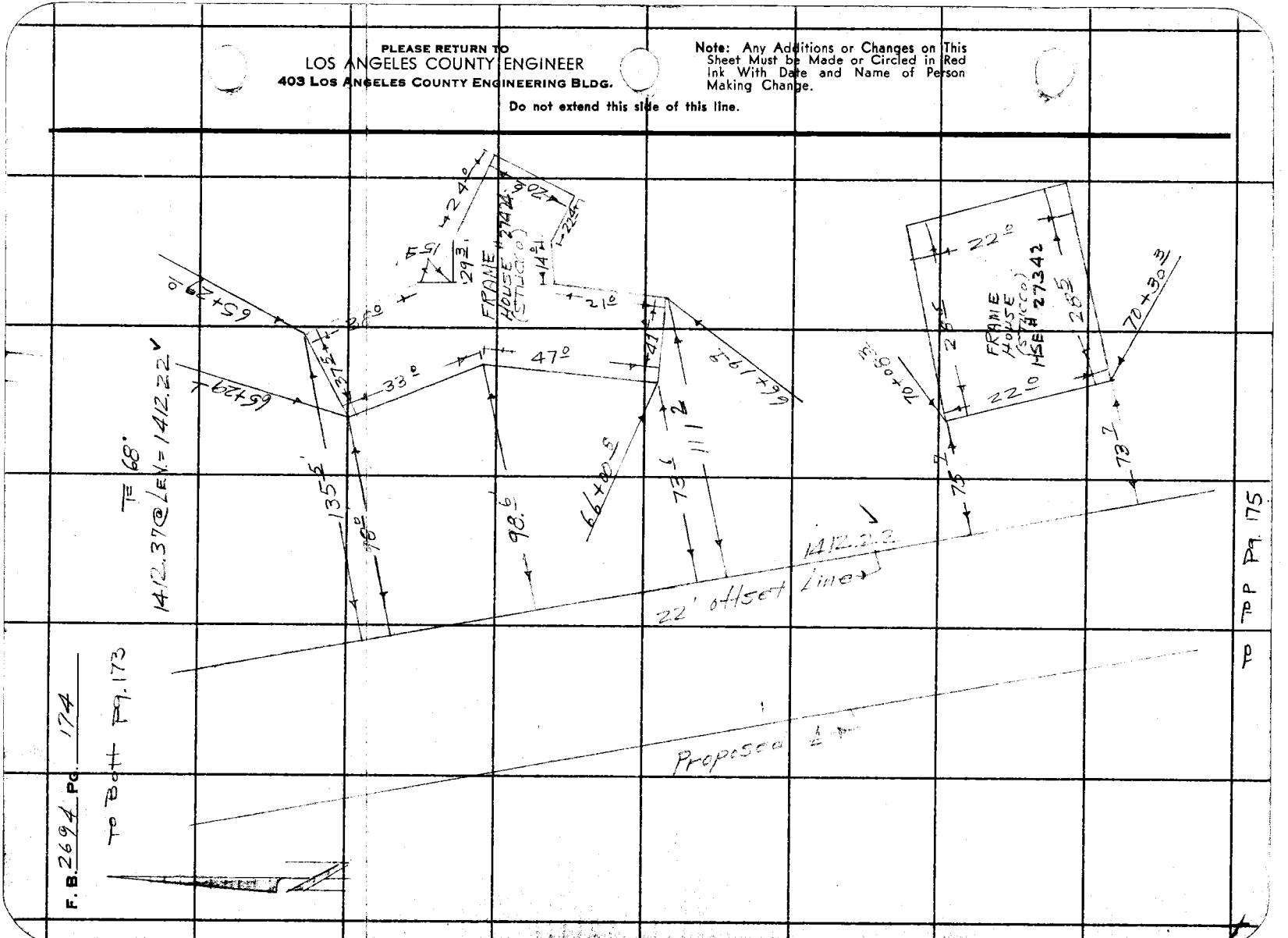
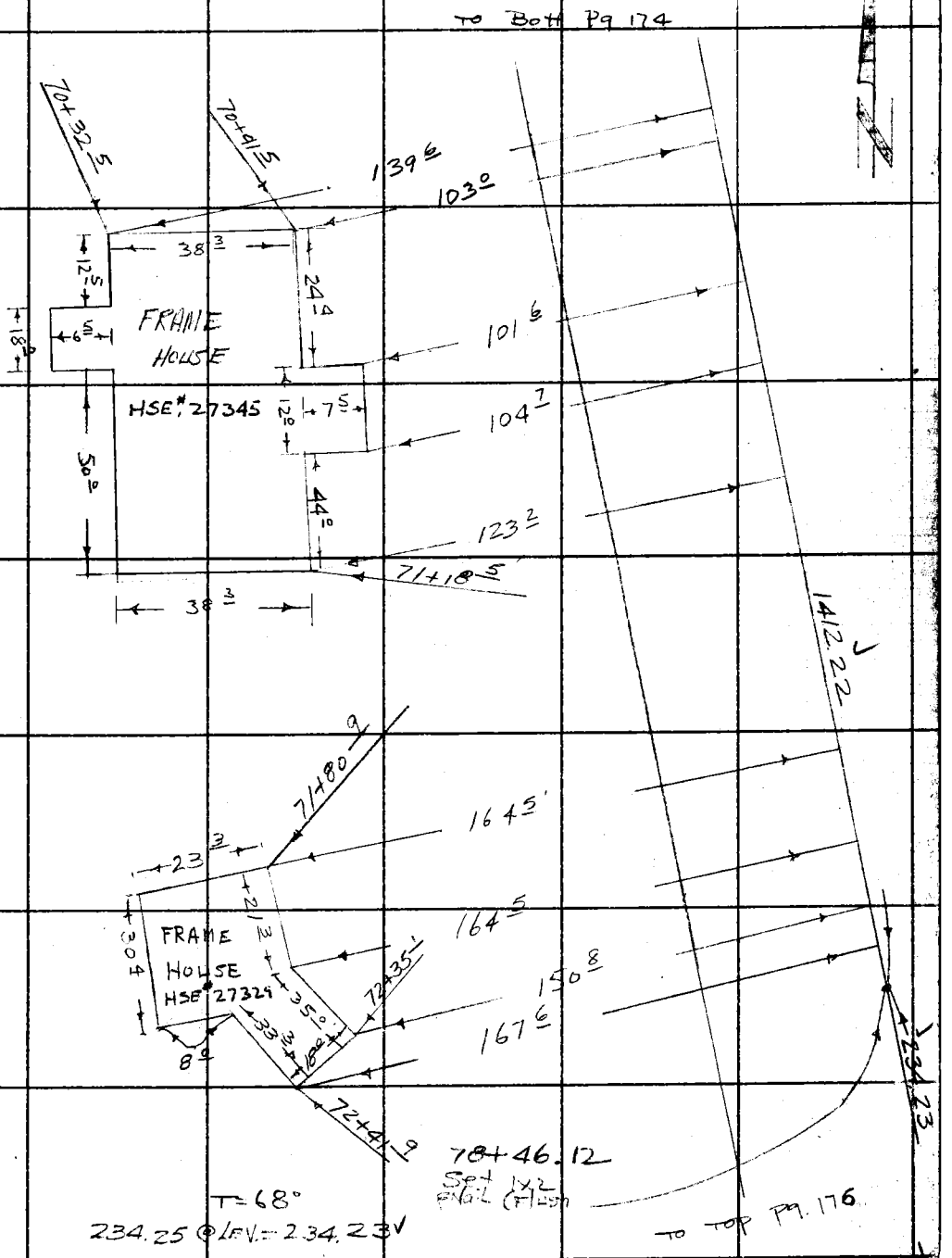


Notes Ck'd by Knowles	Survey of Sand Cyn. Rd	F. B. 2694 PG. 175
Map No. B 3030	JN 0075.64 Tape 143 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by W. J. Voge	
Checked	Notes Voge Date 5-13-65	
Date NOV 1 5 '67	Indexed C. J. GALLI	



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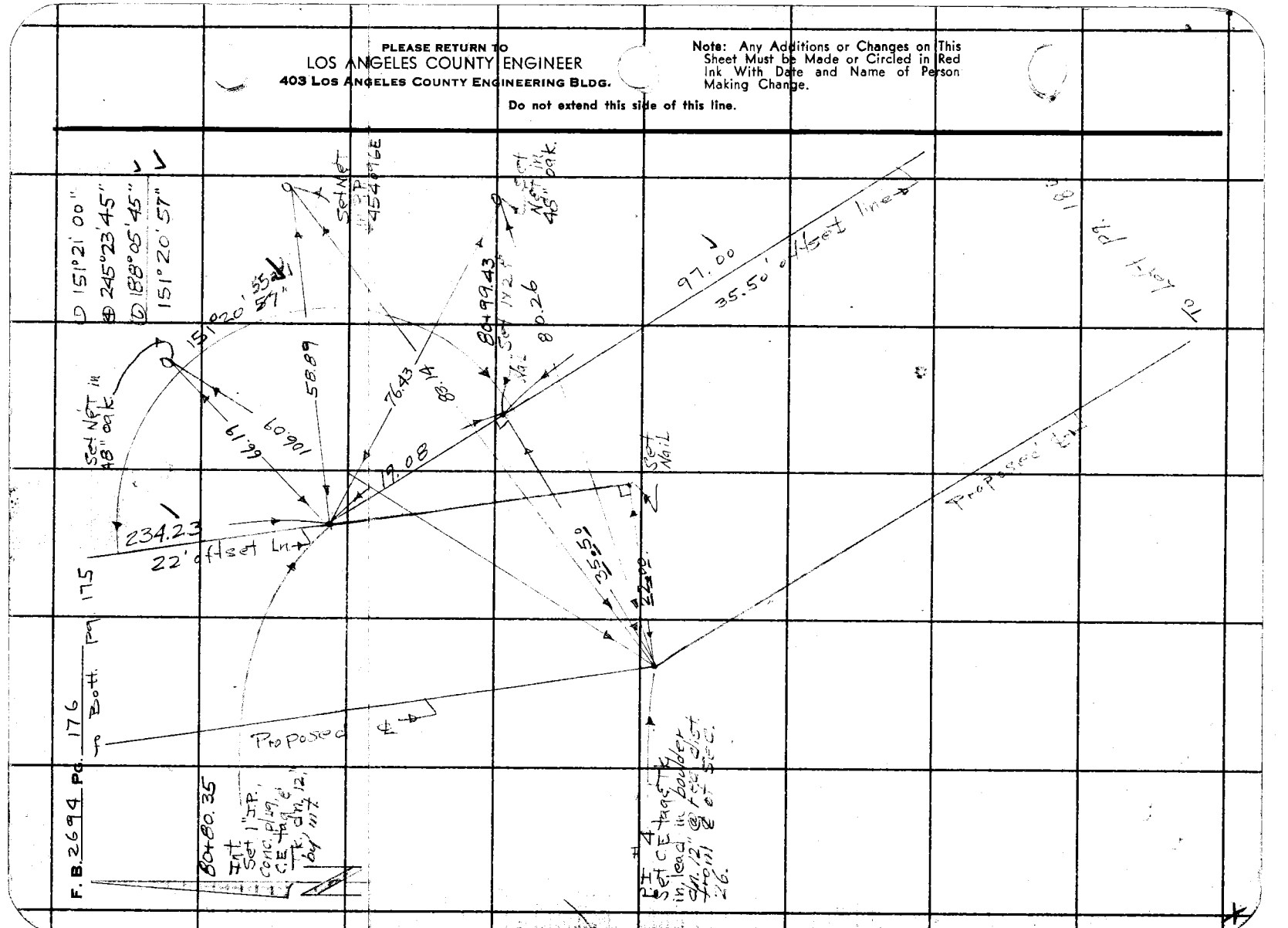

Notes Ck'd by Knowles	Survey of Sand Cyn Rd	F. B. 2694 Pg. 177
Map No. B 3030	JN 0075.64 Tape 143 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by N. J. Voge	
Checked J. A. CHURCH	Notes Voge C. J. GALLI Date 5-4-65	
Date MAY 15 '67	Indexed	

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W.S. 62, D-3

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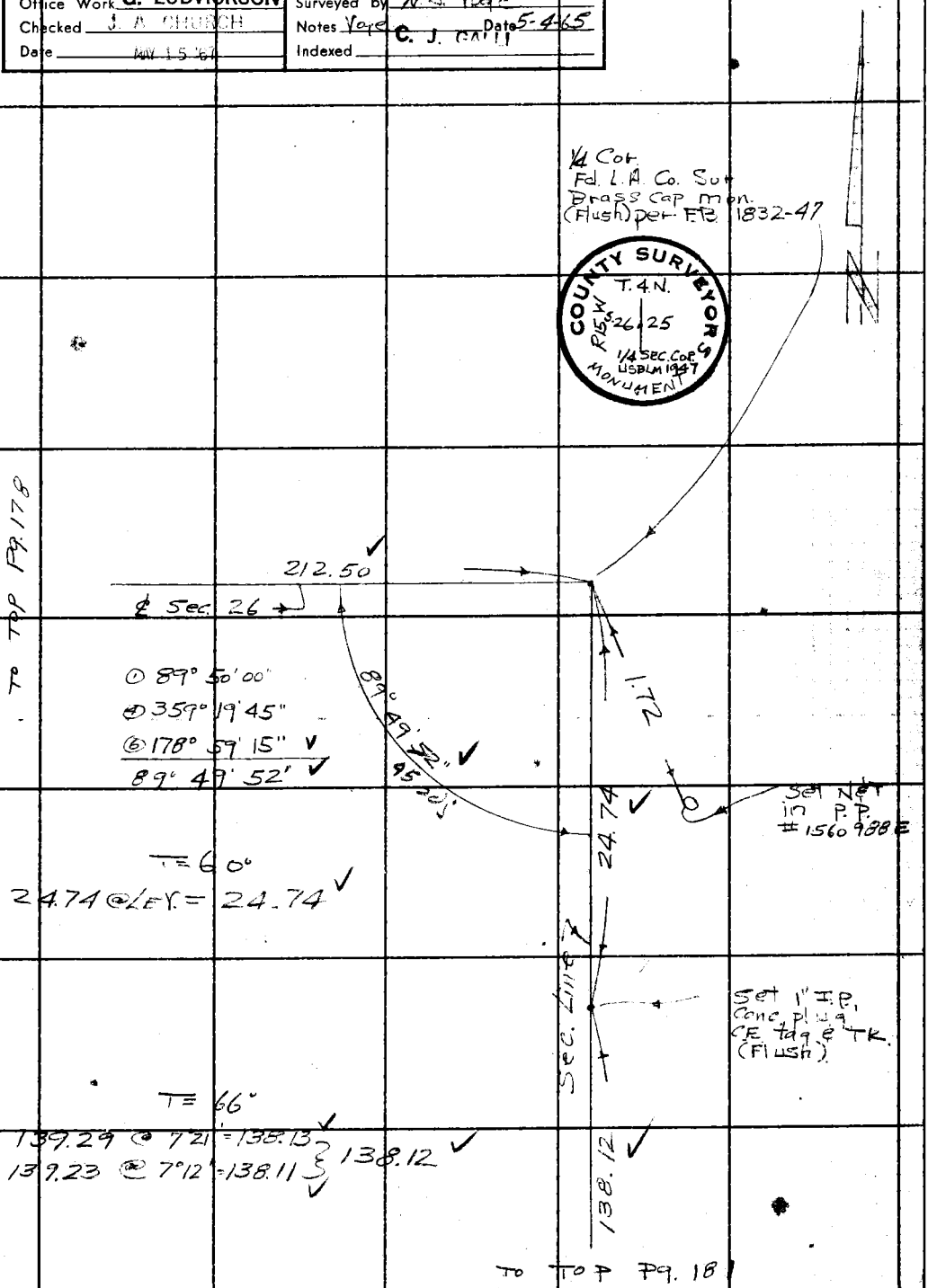
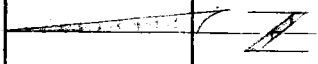


76F3096 CE # 310 3-61

F. B. 2694 Pg. 178

To Left Pg. 177



T = 74°

212.96 @ 3°45' = 212.49 ✓
212.91 @ 3°32' = 212.50 ✓
212.50 ✓

212.50

0.03

Fd. 2" I.P. Cone plug & L.S. Tag #3041. No Ref.

T = 74°

287.18 @ Elev. = 287.16 ✓

287.16

℄ Sec. 26

Set 1x2 & Nail (Flush)

T = 74°

75.85 @ Elev. = 75.85 ✓

75.85

Set 1" I.P. Conc. Plug C.E. Tag & Tk. (Top of Spur)

T = 72°

249.21 @ 11°06' = 244.53 ✓
249.09 @ 10°57' = 244.53 ✓
244.53 ✓

244.53

To Top Pg. 179

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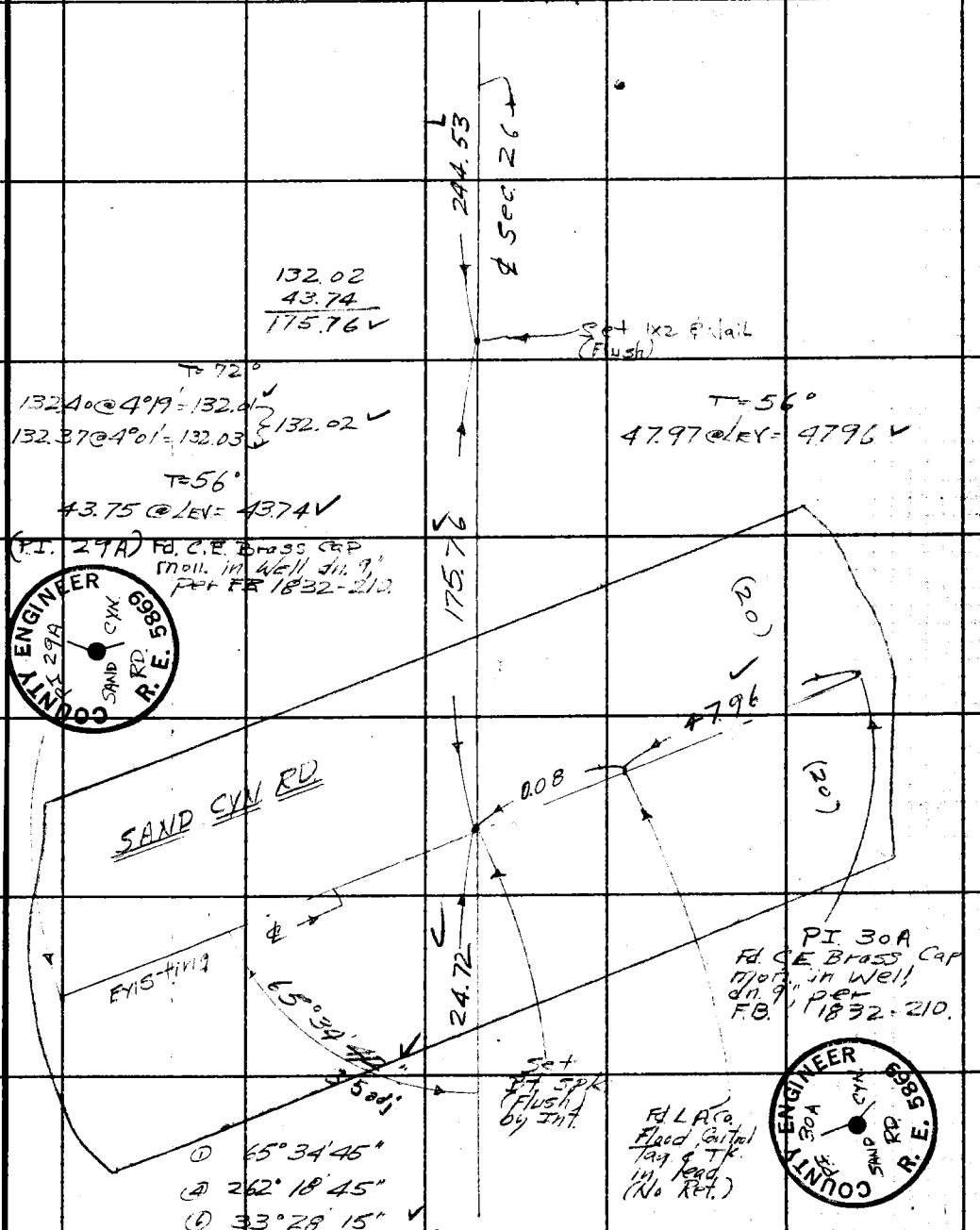
Notes Ck'd by Knowles	Survey of Sand Cyn. Rd.	F. B. 2694 Pg. 179
Map No. B-3030	JN 0075.64 Tape 143 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by W. J. Voge	
Checked J. A. CHURCH	Notes Voge Date 5-4-65	
Date	Indexed G. J. GALLI	

TO Bott Pg. 178



TO Top Pg. 180

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W.S. 62, D-3
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76F309S CE # 310 3-61

F. B. 2694 Pg. 180

To Bott. Pg. 179

W.S. 62, D-3

T = 80°

24.72 @ LEV = 24.72 ✓

52.98 @ LEV = 52.98 ✓

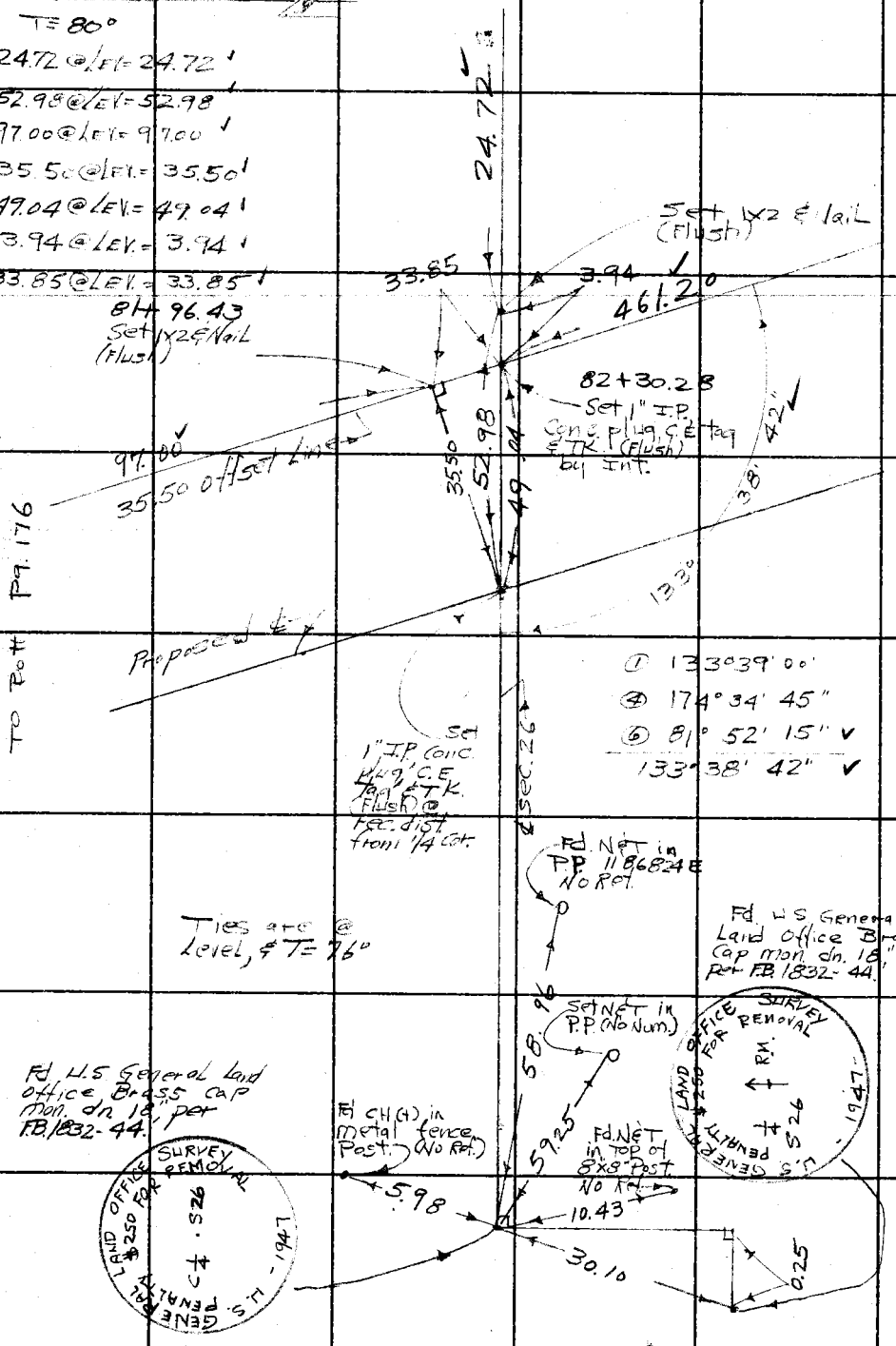
97.00 @ LEV = 97.00 ✓

35.50 @ LEV = 35.50 ✓

49.04 @ LEV = 49.04 ✓

3.94 @ LEV = 3.94 ✓

33.85 @ LEV = 33.85 ✓



① 133°39'00"

④ 174°34'45"

⑥ 81°52'15" ✓

133°38'42" ✓

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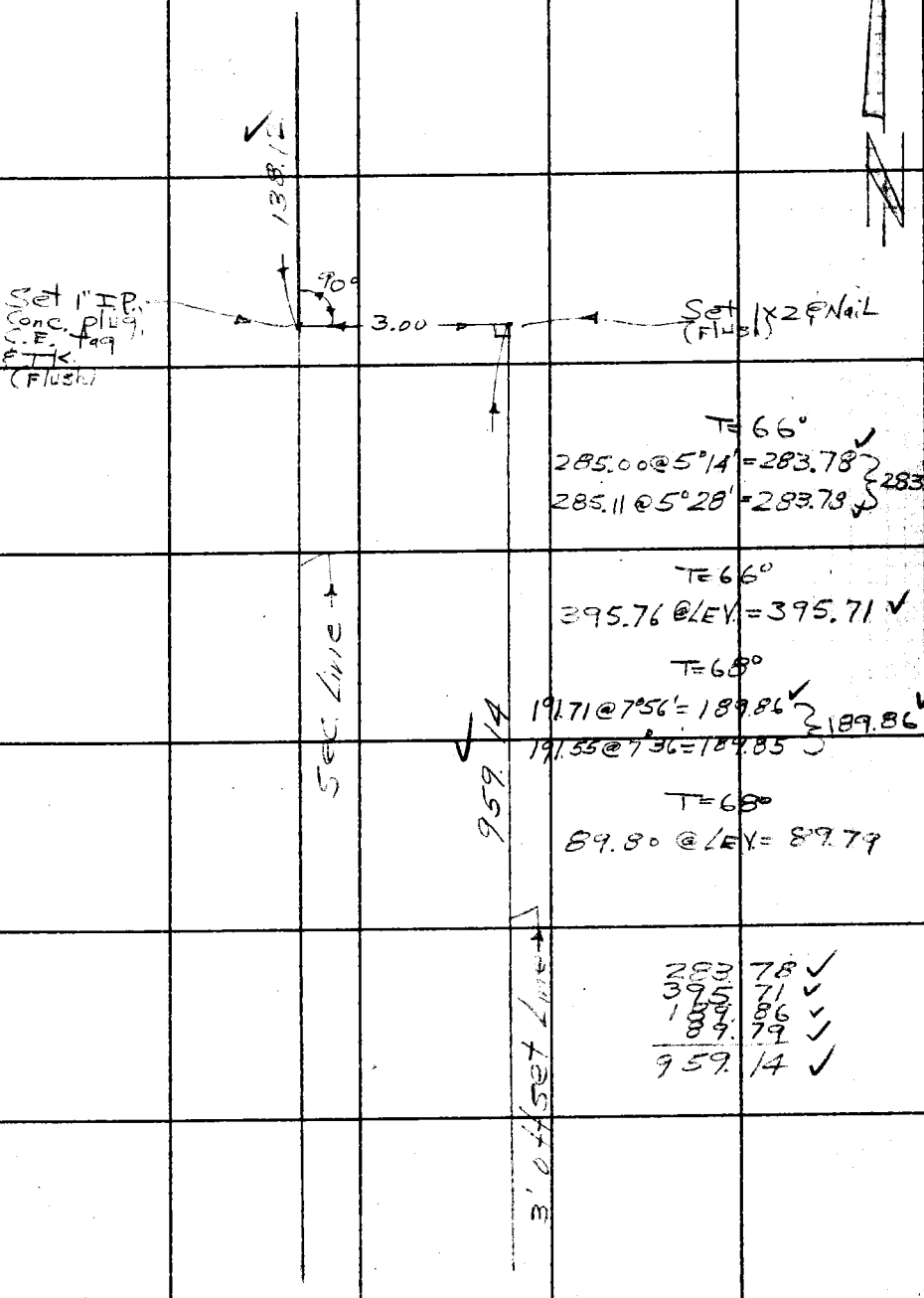
66-1

Notes Ck'd by Knowles	Survey of Sand Cyn. Rd	F. B. 2694	Pg. 181
Map No. B 30-30	JN 20756 Tape 143 Std 84 °F		
Office Work G. LUDVICKSON	Surveyed by W. J. Voge		
Checked J. A. CHURCH	Notes Voge Date 5-6-65		
Date W 1 5 67	Indexed C. J. GALLI		

To Batt Pg. 177



T=66°
285.00@5°14' = 283.78
285.11@5°28' = 283.73
283.76

T=66°
395.76 @ LEV. = 395.71

T=68°
191.71@7°56' = 189.86
191.55@7°36' = 189.85
189.86

959.14

T=68°
89.80 @ LEV. = 89.79

283.78
395.71
189.86
89.79
959.14

To TP Pg. 182

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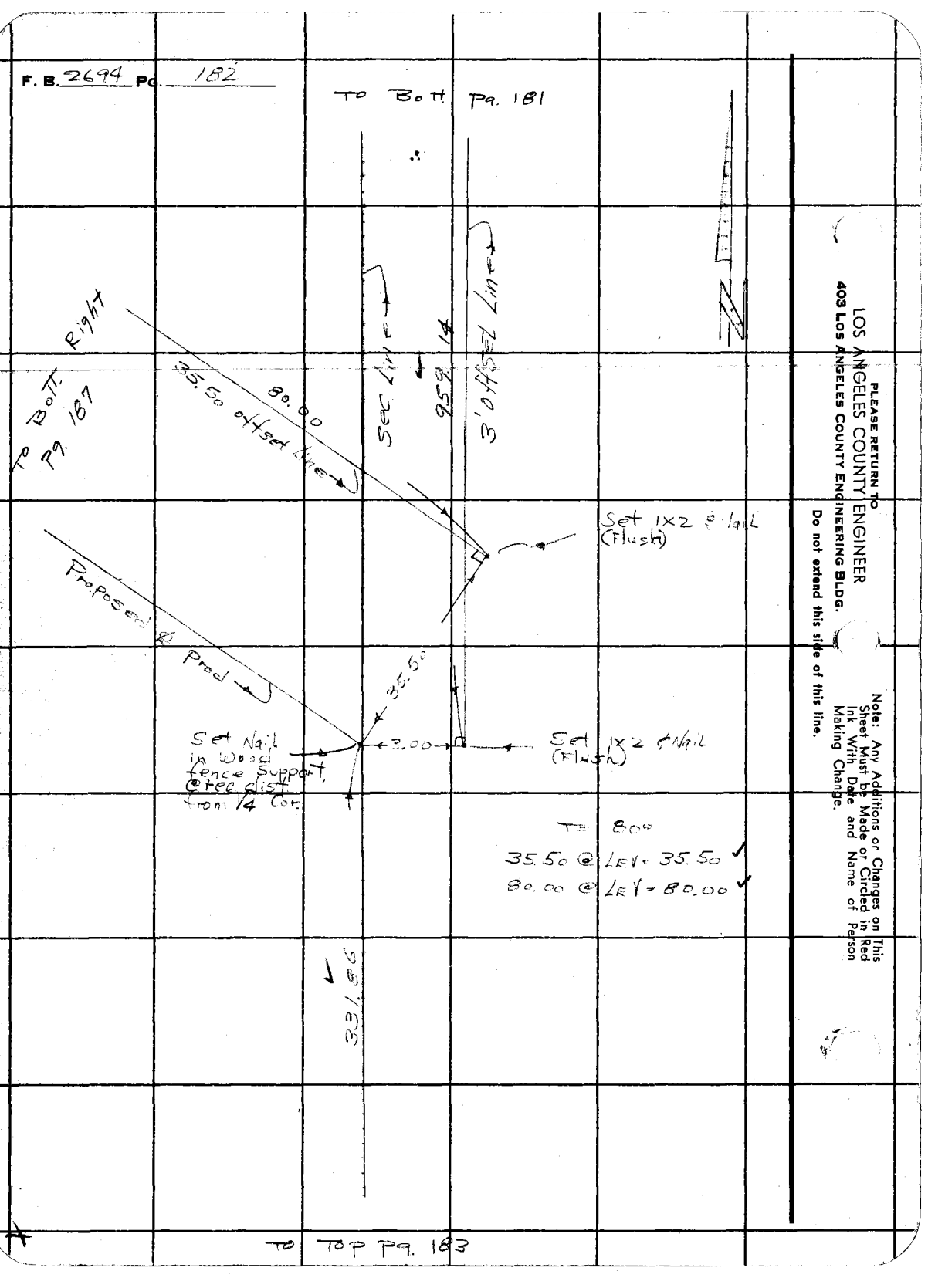
403 Los Angeles County Engineering Bldg.

76F3095 CE # 310 3-61

F. B. 2694 PG. 182



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403 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 Knowles
Map No. 13030
Office Work G. LUDVICKSON
Checked
Date

Survey of Sand Cyn Rd
JN 00756 Tape 194 Std 84 °F
Surveyed by W. J. Yoge
Notes Yoge Date 5-14-65
Indexed E. J. GALLI

F. B. 2694 PG. 183

TO Batt Pg. 182

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T=80°
219.97 @ LEV = 219.96 ✓

219.96
111.90 ✓
331.86 ✓

331.86 ✓

Sec. Line

T=80°
112.25 @ 4°26' = 111.91 ✓
112.30 @ 4°49' = 111.90 ✓ 111.90 ✓

Set 1½" L (Flush)

152.80

T=80°
154.65 @ 8°53' = 152.79 ✓ 152.80 ✓
154.52 @ 8°34' = 152.80 ✓

Set 1" I.P., conc. plug, C.E. tag & tk. (Flush)

T=78°
244.47 @ 2°40' = 244.20 ✓
244.50 @ 2°50' = 244.19 ✓ 244.20 ✓

244.20 ✓
276.39 ✓
520.59 ✓

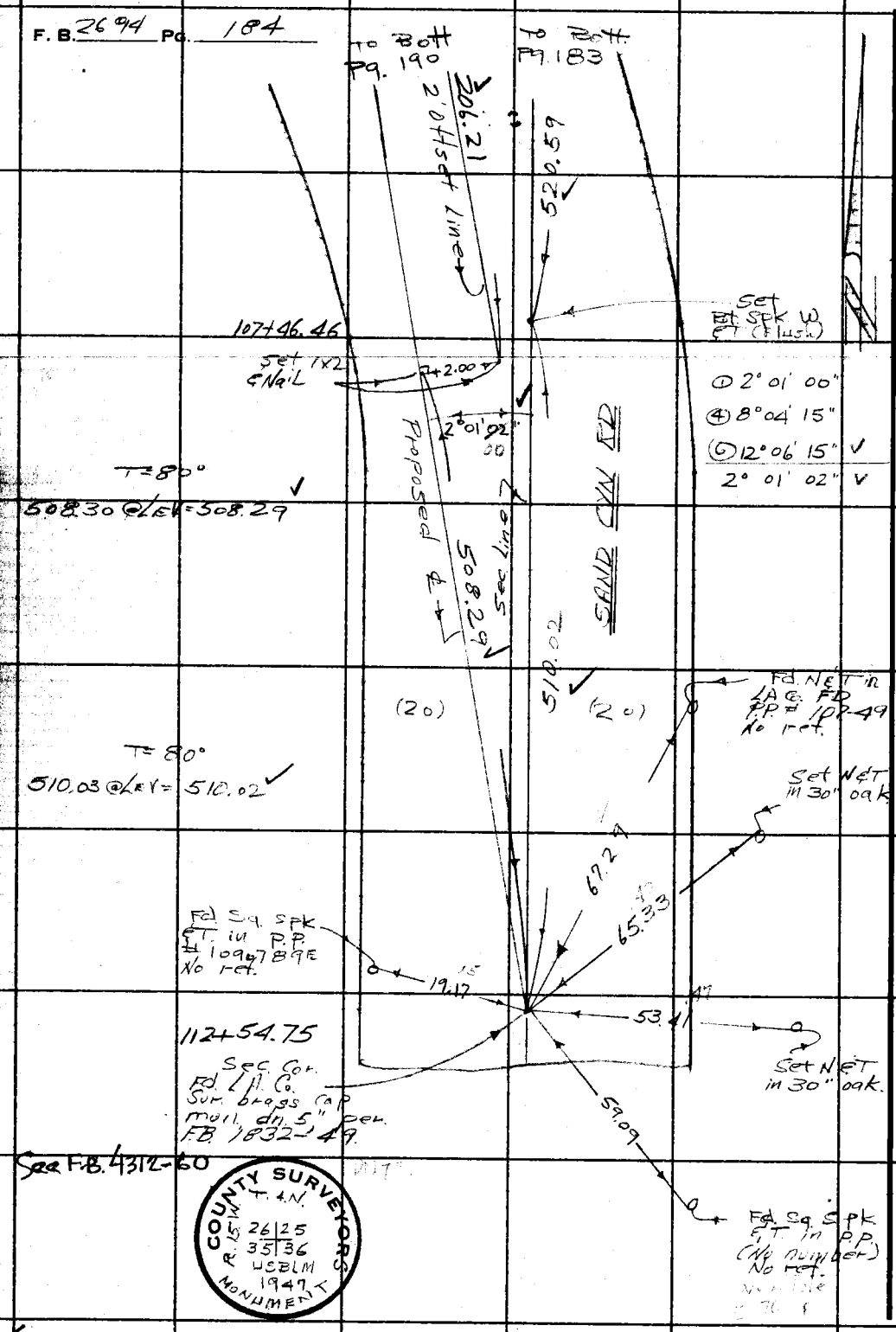
T=78°
276.49 @ 1°28' = 276.39 ✓
276.46 @ 1°11' = 276.39 ✓ 276.39 ✓

520.59

TO TOP Pg. 184

76F3095 CE # 310 3-61

F. B. 2694 Pg. 184



W.S. 62, D-3

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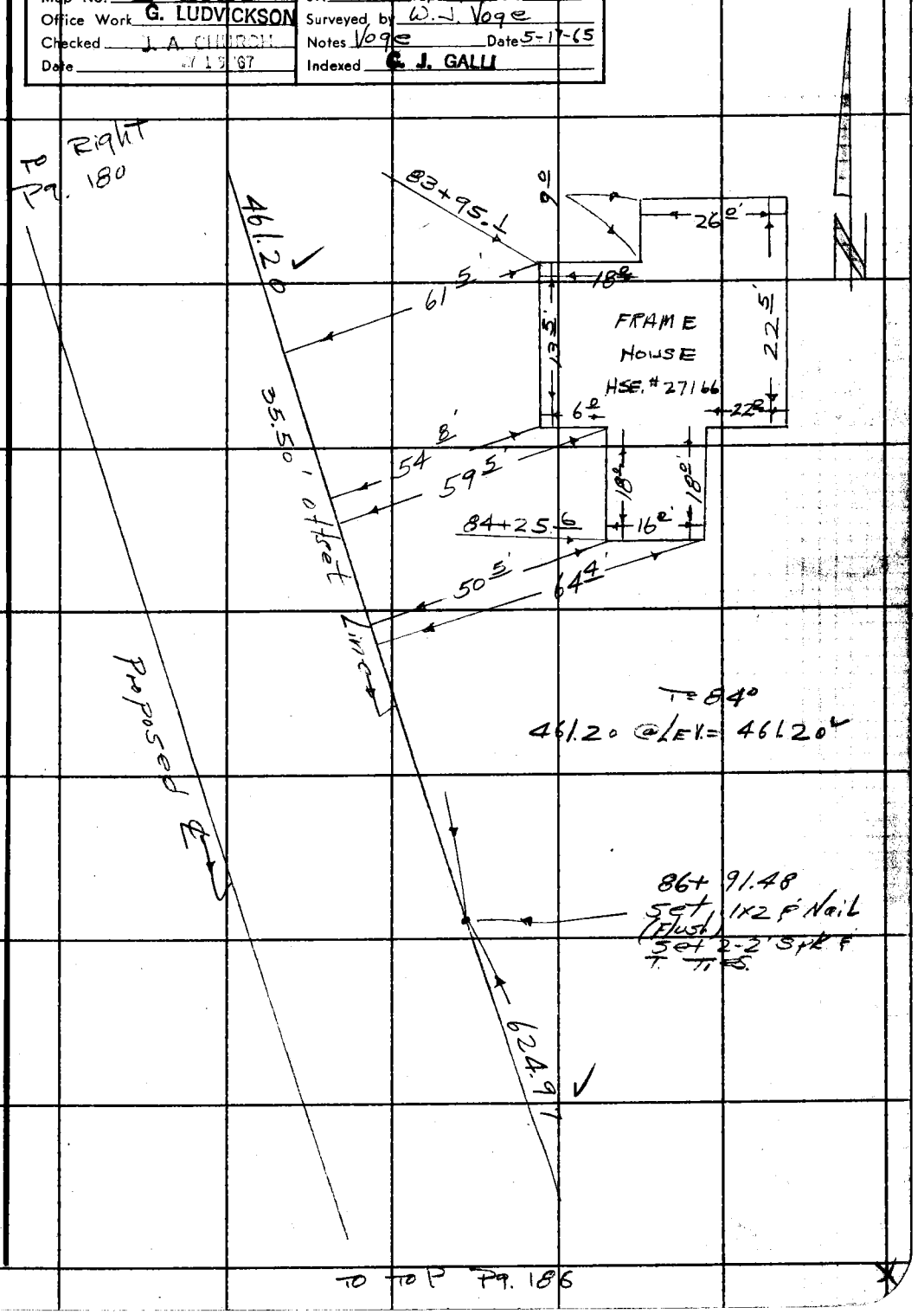
Notes Ck'd by Knowles	Survey of Sand Cyn Rd	F. B. 2694 Pg. 185
Map No. B-3030	JN 0075.64 Tape 194 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by W. J. Voge	
Checked J. A. CHURCH	Notes Voge Date 5-17-65	
Date 7 1 9 '67	Indexed C. J. GALLI	



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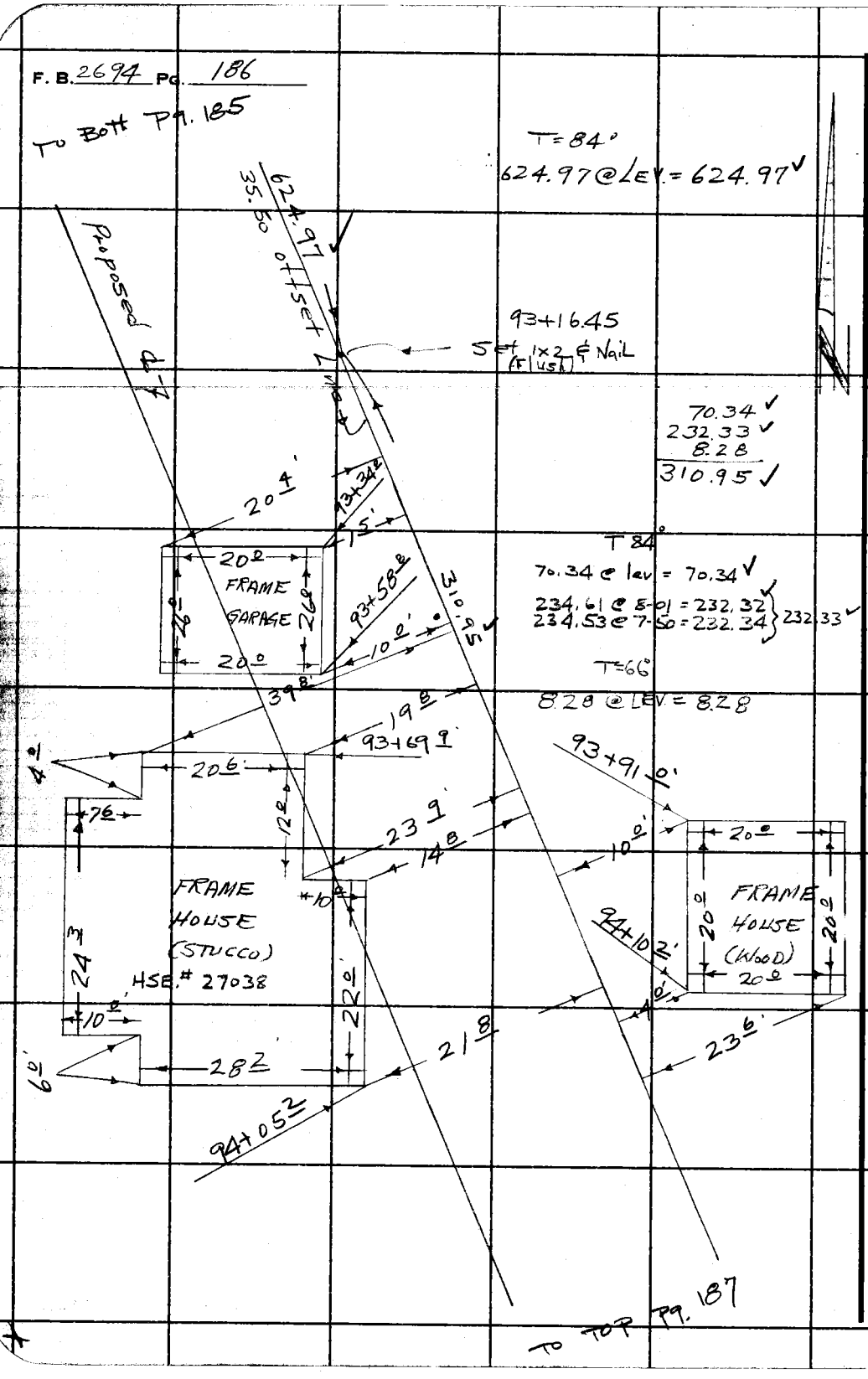
76F3095 CE # 310 3-61

F. B. 2694 Pg. 186

To Bott Pg. 185



To Top Pg. 187

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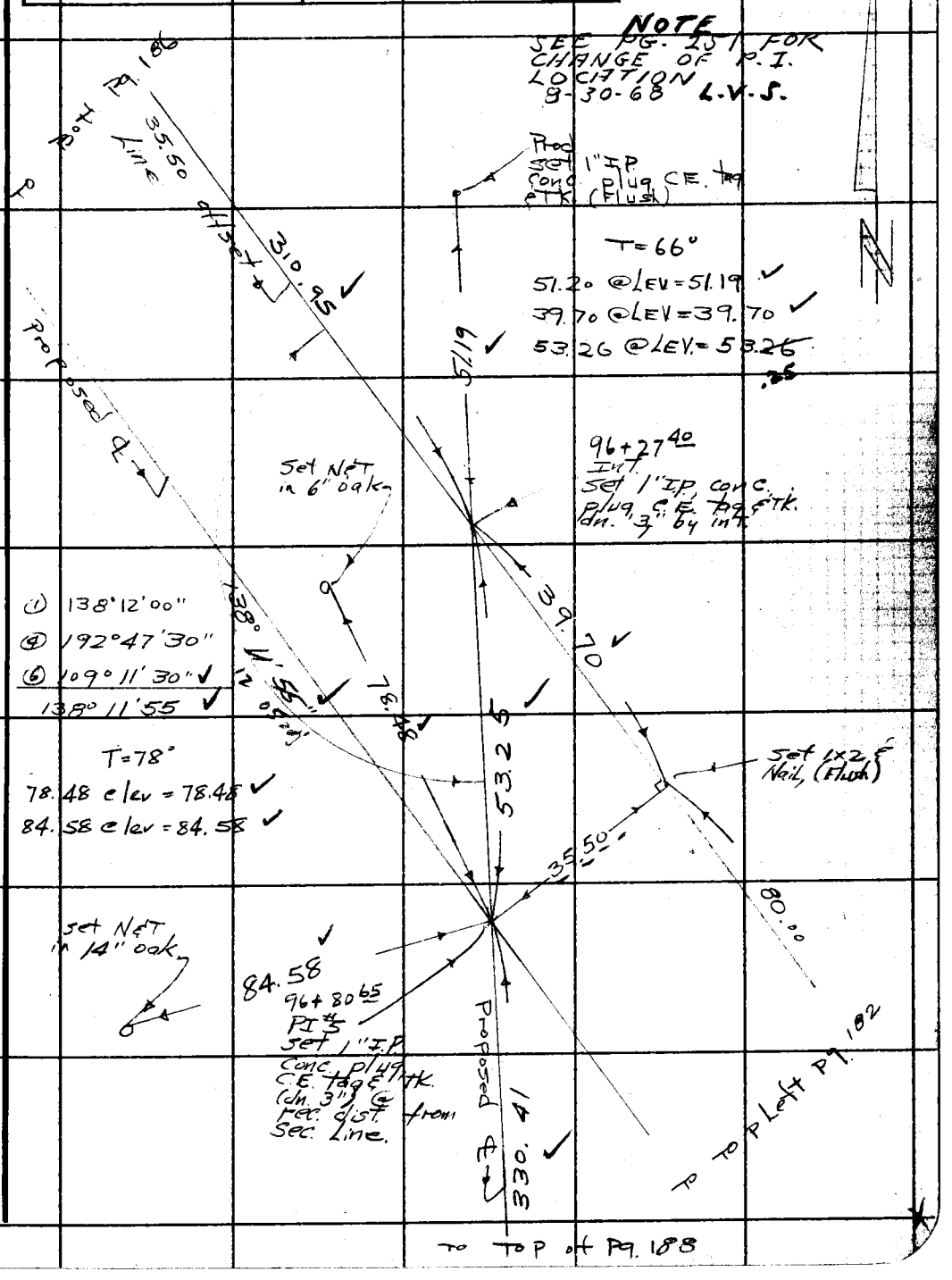
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Knowles	Survey of Sand Cyn Rd	F. B. 2694 PG. 187
Map No. B 30 30	JN 0075.64 Tape 194 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by W. J. Voge	
Checked J. A. CHURCH	Notes Voge Date 5-17-65	
Date MAY 1 5 '67	Indexed C. J. GALLI	



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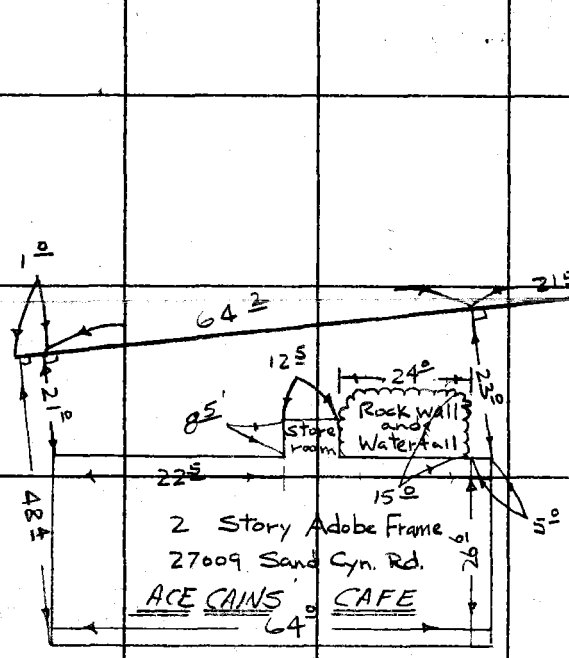
76F3095 CE # 310 3-61

F. B. 2694 Pg. 188



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403 Los Angeles County Engineering Bldg.
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Notes Ck'd by Knowles
Map No. B 3030
Office Work G. LUDVICKSON
Checked J. A. CHURCH
Date MAY 15 '67

Survey of Sand Cyn Rd
JN 007564 Tape 194 Std 84 °F
Surveyed by W. T. Voge
Notes Voge Date 5-1965
Indexed C. J. GALLI

F. B 2194 PG. 189

to B.H Pg. 188

T 74°

110.78 @ lev = 110.77 ✓
220.03 @ 3-20 = 219.65 } 219.64 ✓
220.05 @ 3-26 = 219.64 }

330.41 ✓

110.77 ✓
219.64 ✓
330.41 ✓

100+11.06
Set 1x2 Tag (Flush)

T 80°

111.44 @ 11-59 = 109.01 ✓ } 109.02 ✓
111.54 @ 12-10 = 109.03 }
106.95 @ 2-59 = 106.80 } 106.80 ✓
106.97 @ 3-13 = 106.80 }

109.02 ✓
106.80 ✓
215.82 ✓

Proposed ℄

215.82 ✓

102+26.88
Set 1x2 Tag (Flush)

313.37 ✓

P P P Pg. 190

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76F3098 CE # 310 3-61

F. B. 2694 Pg. 190

T 80°
313.38 @ LEV = 313.37 ✓

To Bott Pg 189

313.37 ✓

105+40.25
Set 1x2 ℄
Nail (Flush)

2.00

Set 1x2
℄ Nail
(Flush)

T 80°
206.22 @ LEV = 206.21 ✓

2' offset Line

206.21 ✓

Proposed ℄

To Top Pg. 184

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761 268 Cdb 2-62

LOS ANGELES COUNTY

LETTERGRAM

Mr. George J. Franceschini
Assistant Division Engineer

To Attn: Wm. C. Mack From Wm. H. Fitch Date August 4, 1965

Subject SAND CANYON ROAD - J.N. 0075.64 No.

Please obtain additional information necessary to locate the tops and toes of slopes in the locations indicated below. Tie this data to the proposed center line.

1. House Number 27664 as shown in Field Book 2694 page 171.
2. House located 900 feet southerly of Live Oak Spring Canyon Road.
3. House Number 27424 as shown in Field Book 2694 page 174.
4. House Number 27342 as shown in Field Book 2694 page 174.
5. House Number 27166 as shown in Field Book 2694 page 185.

Wm. H. Fitch

Wm. H. Fitch
Design Section

WHF:JTE-cf 11

cc: WCM (2)
WHF
FILE

OK
WF

To: Stock
A
wm c. mack
8-6-65

3429-F

Notes Ck'd by Linaways	Survey of SAND CYN. RD
Map No:	JN 0075.64 Tape Std °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes McCALL Date 8-10-65
Date	Indexed NOV 1 '65 C. J. GALL

F. B. 2694 PG. 191

SAND CYN. RD.

J.N. 0075.64

LOCATIONS OF TOPS & TOES OF SLOPES AT HOUSE NOS. 27166, 27342, 27424, 27664 & HSE. 900± SLY. OF LIVE OAK SPRING CYN. RD.

AUG. 10 1965

MENNE
McCALL
DUERBECK

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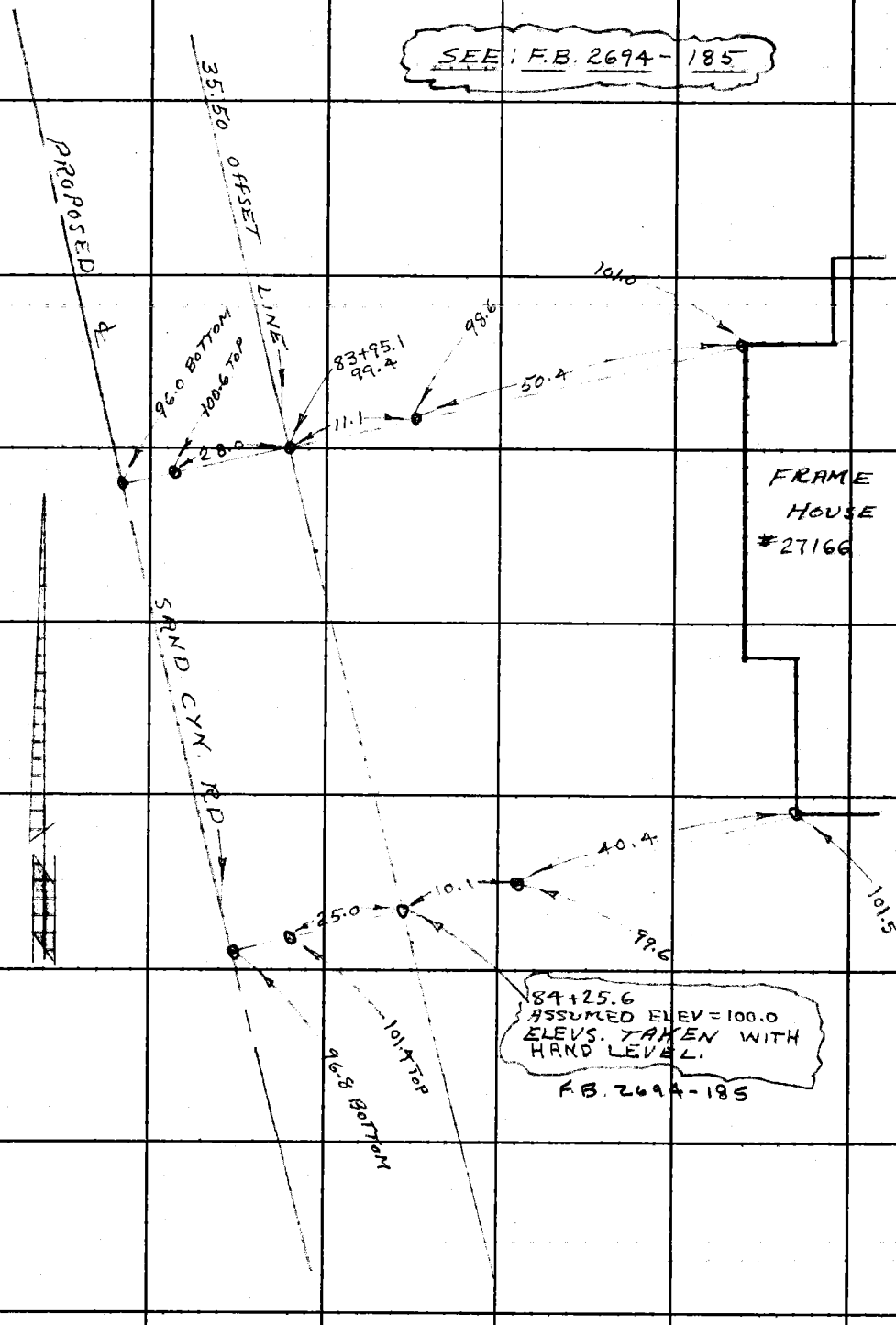
76F3099 CE #310 6-63

F. B. 2694 PG 192

HOUSE NO. 27166

SEE F.B. 2694 - 185



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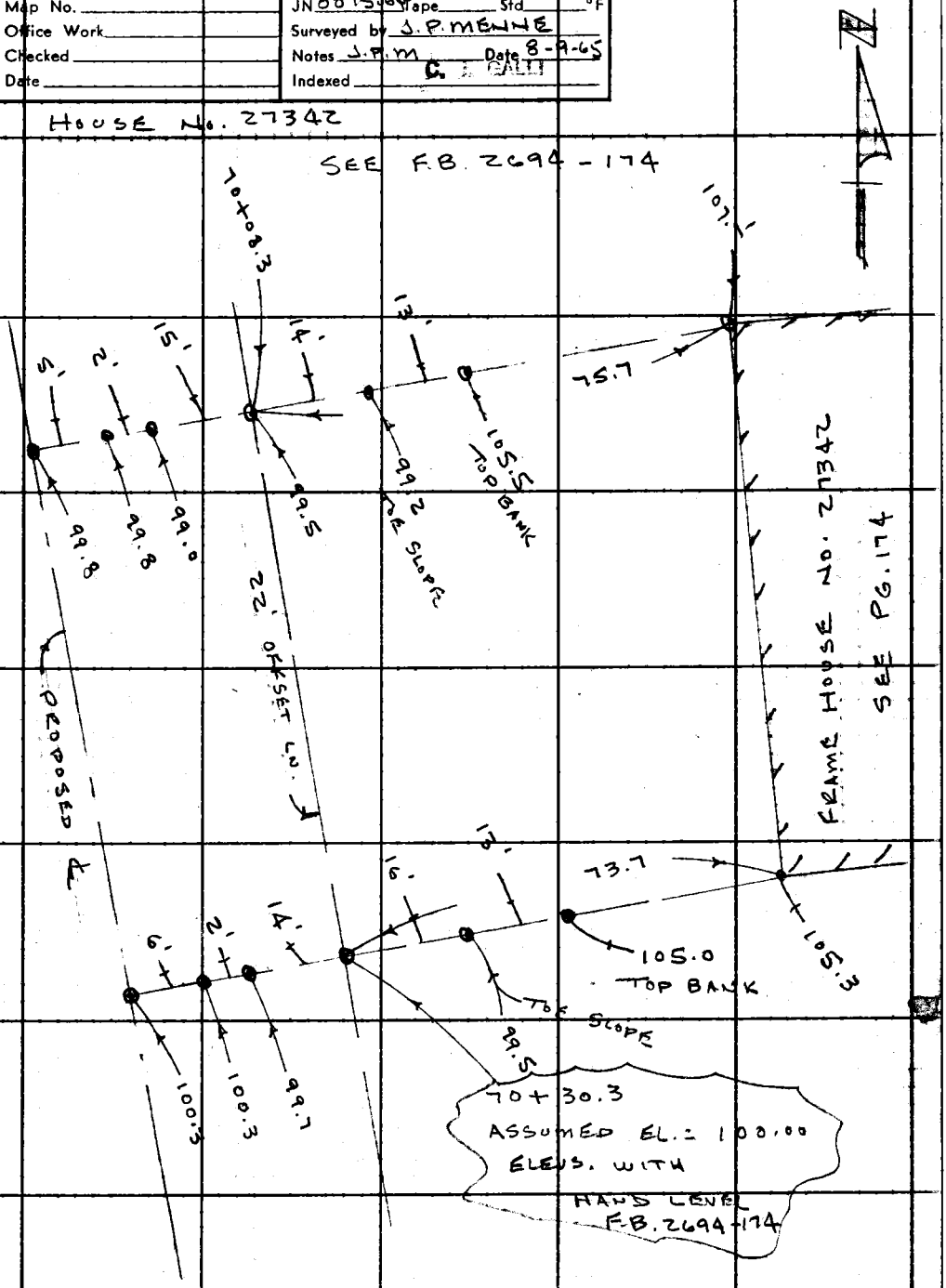
Notes Ck'd by Knowles	Survey of SAND CANYON ROAD
Map No.	JN 0075.64 Tape Std °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 8-9-65
Date	Indexed C. J. GALLI

F. B. 2694 PG. 193



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76F309S CE #310 6-63

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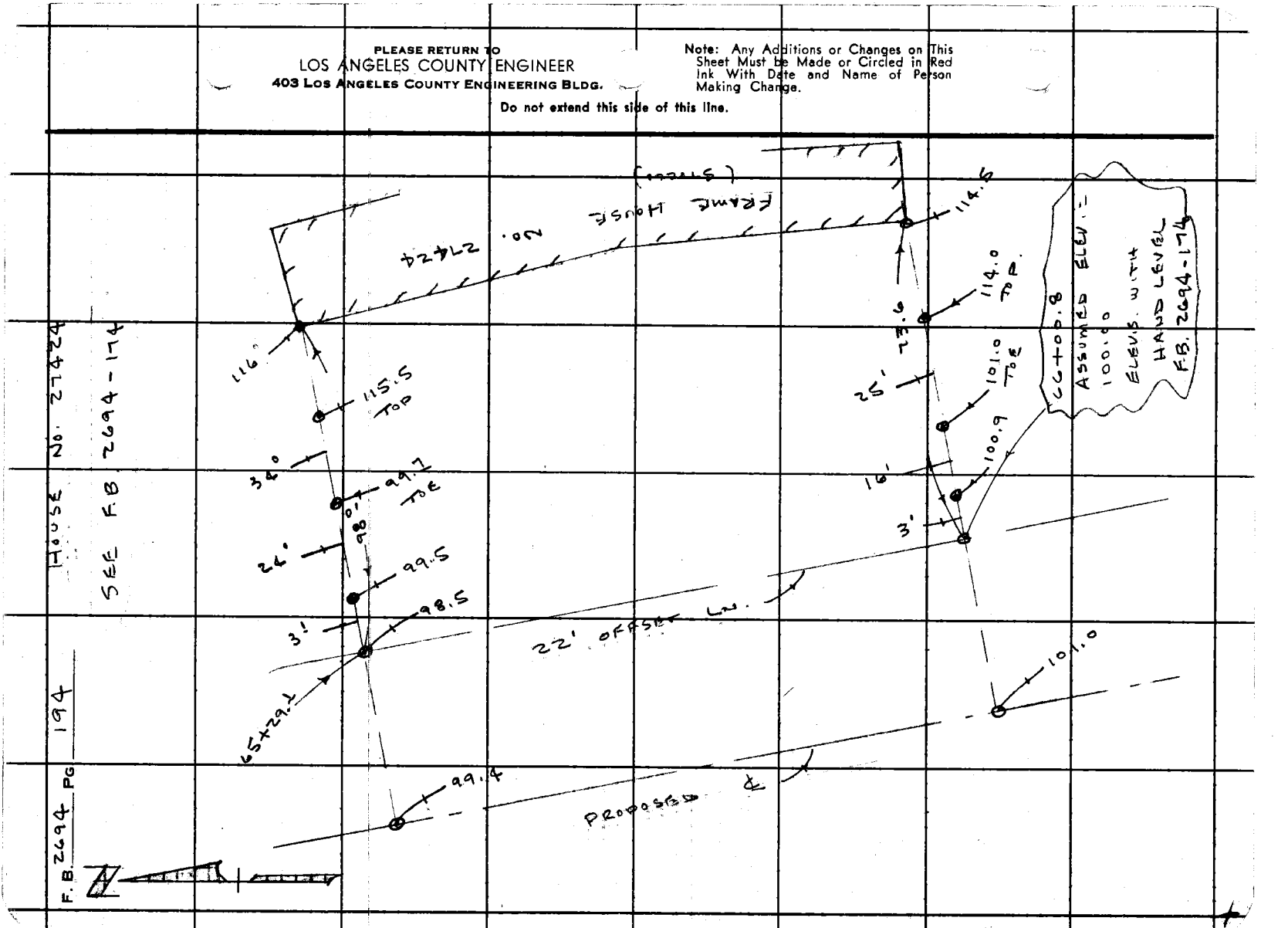
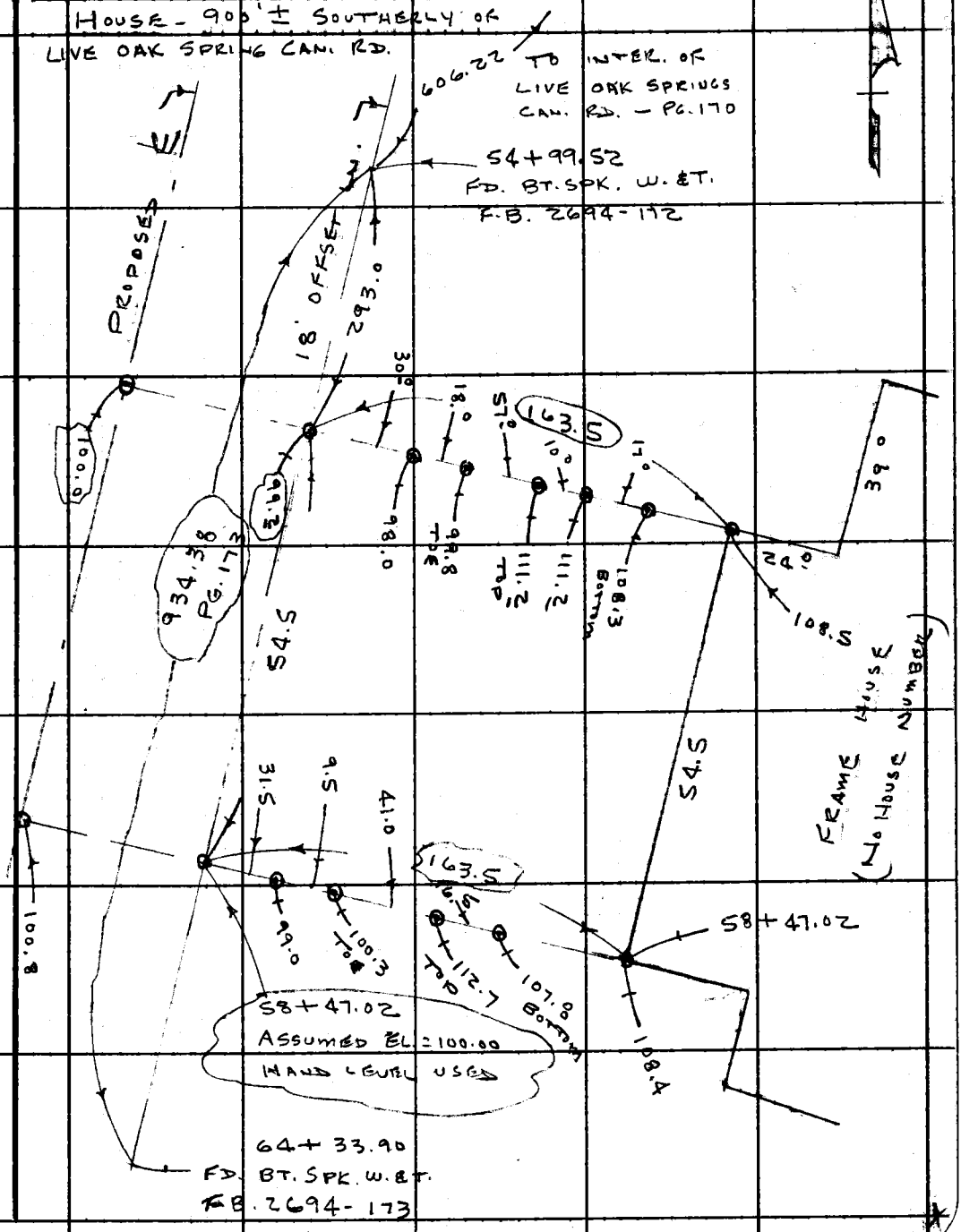


Notes Ck'd by Knowles	Survey of SAND CANYON ROAD
Map No.	JN 0075.64 Tape Std °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J. P. M Date 8-10-65
Date	Indexed

F. B. 2694 PG. 195



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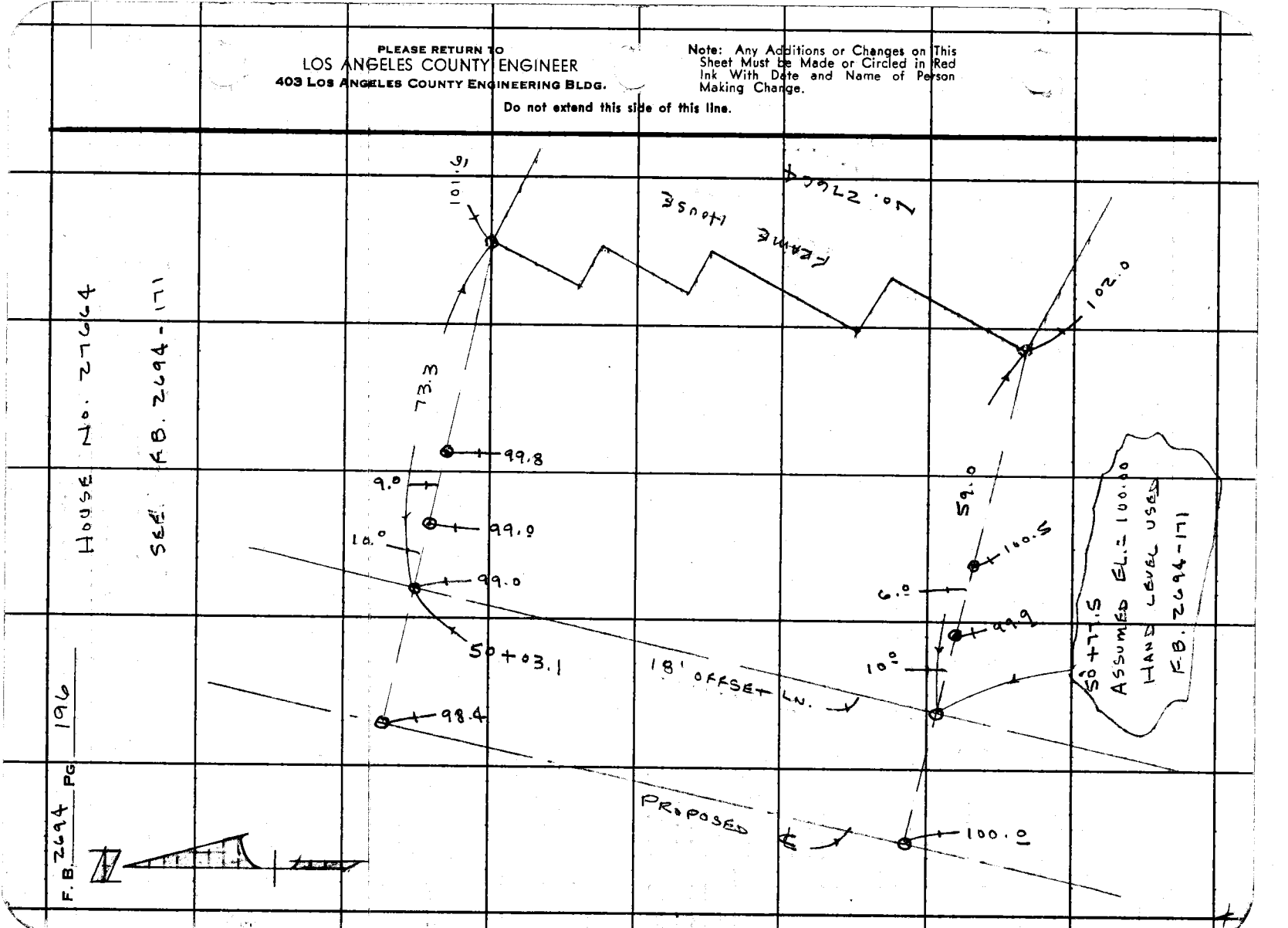
HOUSE NO. 27664

SEE F.B. 2694-171

F.B. 2694 PG 196



Notes Ck'd by [illegible]		Survey of SAND CANYON ROAD	F. B. 2694 PG. 197
Map No. 13-30-30		JN 0075.64 Tape 235 Std. 84 °F	
Office Work G. LUDVICKSON		Surveyed by L.V. SMITH	
Checked J. A. CHURCH		Notes L.V. SMITH Date 4-15-66	
Date [illegible]		Indexed C. J. GALLI NW 3 '68	

SAND CANYON ROAD

J.N. 0075.64

SURVEY TO SET P.I.'S OF PROPOSED SAND CANYON ROAD AND TIES TO SECTION LINES

APRIL 1966

PARTY
L.V. SMITH
R.L. STRADER
M.E. WACKER
E.M. GOSHORN

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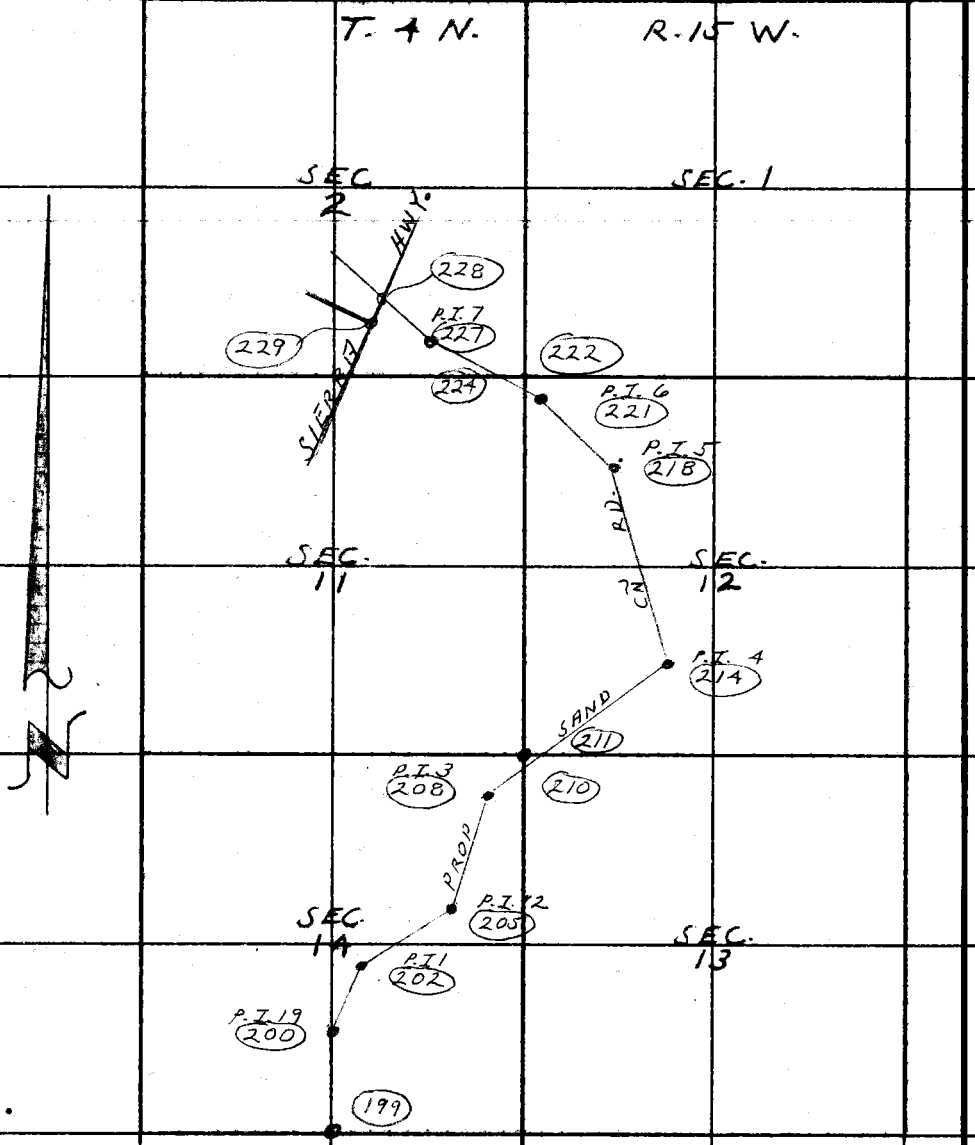
76F3085 CE # 310 8-61

F. B. 2694 Pg. 198

INDEX



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Notes Ck'd by Knowles
Map No. B 3030
Office Work G. LUDVICKSON
Checked J. A. CHURCH
Date

Survey of SAND CN. ROAD
JN 00715.64 Tape 235 Std 84 °F
Surveyed by L. V. SMITH
Notes L. V. SMITH Date 3-16-66
Indexed C. J. GALLI

F. B. 2694 PG. 199

(30') (30')

BOT.
PG. 200

W.S. 62, D-2

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SAND CN ROAD

F.B. 2694-29-30

FD. LD. & TACK IN PVMT. PER F.B. 2694 - 29 HELD TO THIS POINT FOR ℄

FD. SQ. HD. & TIN FLUSH IN PVMT. F.B. 2694 - 29

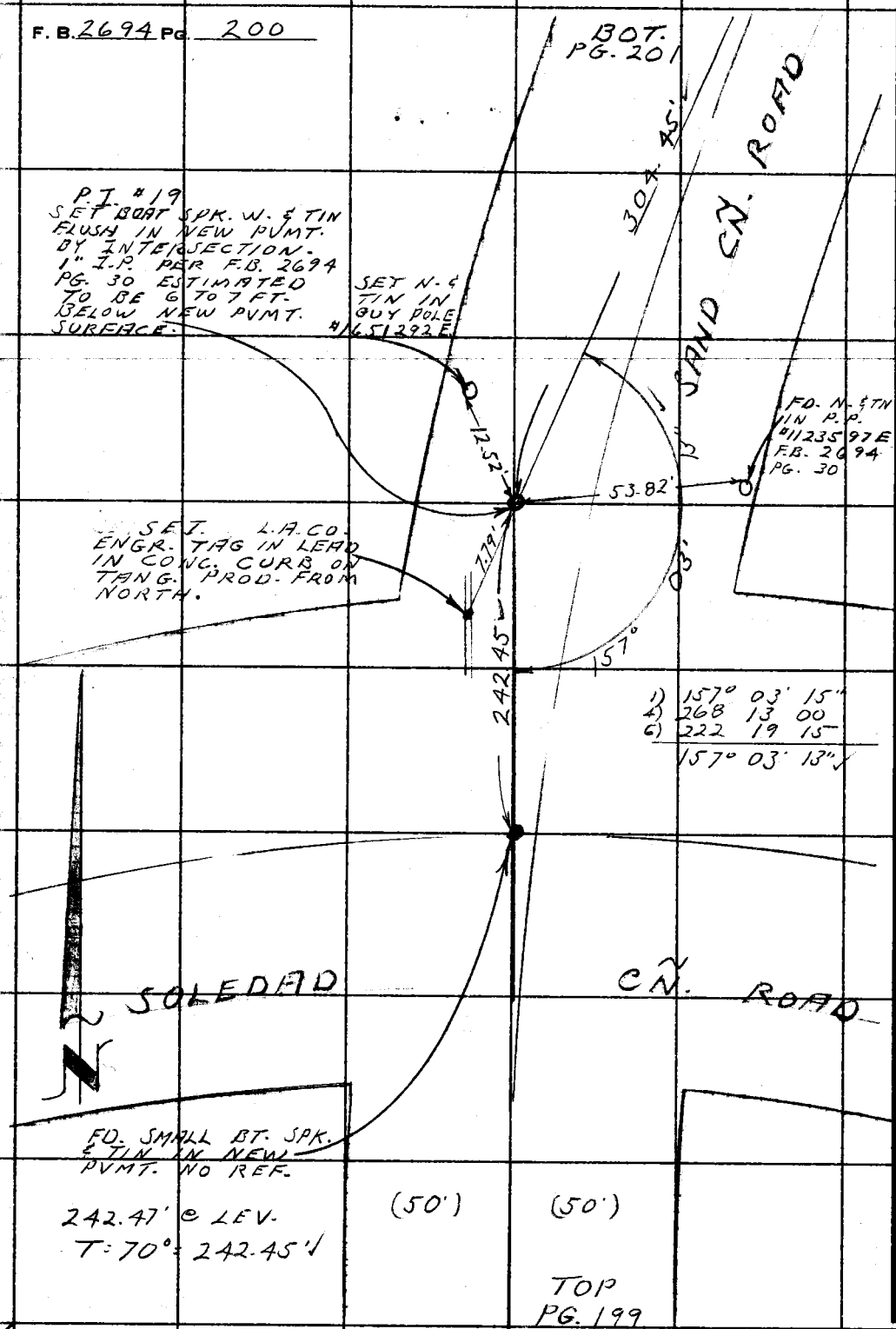
1/4 SEC. COR. FD. CO. SURVEYOR BRASS CAP MON. IN WELL PER F.B. 2694 - 29 HELD TO THIS PT. FOR ℄ MON. MARKED AS SHOWN

COUNTY SURVEYOR

T. 4 N.
R. 15 W.
SEC. 14
SEC. 23
1/4 COR.
R.E. 329

76F3095 CE # 310 3-61

F. B. 2694 PG. 200



W.S. 62, D-2

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Notes Ck'd by Knowles | Survey of SAND CN. ROAD | F. B 2694 PG. 201
Map No. B3030 | JN 00755.64 Tape 235 Std 84 °F | BOT PG. 202
Office Work G. LUDVICKSON | Surveyed by L.V. SMITH
Checked J. A. CHURCH | Notes L.V. SMITH Date 3-16-66
Date | Indexed C. J. GALLE

W.S. 62, D-2

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FD. BT. SPK. W. & TIN FLUSH F.B. 2694-31

279.96'

15.14'

6.38'

FD 2" I.P. CONC. PLUG & SQ. SPK. DN. 6" = P.I. 18 PER F.B. 2694-31 HELD TO THIS POINT FOR LINE TO SET P.I. #19 SLY. & FOR PROPOSED P.I. #1 NLY.

61.37'

FD. CUT SPK. W. & TIN FLUSH F.B. 2694-31

SAND CANYON RD.

14.28'

61.37' @ LEV.
T = 72° - 61.37'

14.28' @ LEV.
T = 72° - 14.28'

FD. CUT SPK. W. & TIN FLUSH = E.C. PER F.B. 2694-31

313.37'
F.B. 2694-31
PROPOSED

FD. CUT SPK. W. & TIN FLUSH = B.C. PER F.B. 2694-30. HELD TO THIS POINT FOR LINE FOR SETTING P.I. #19 BY INTERSECTION

304.48' @ LEV. T = 70° - 304.15'

304.45'

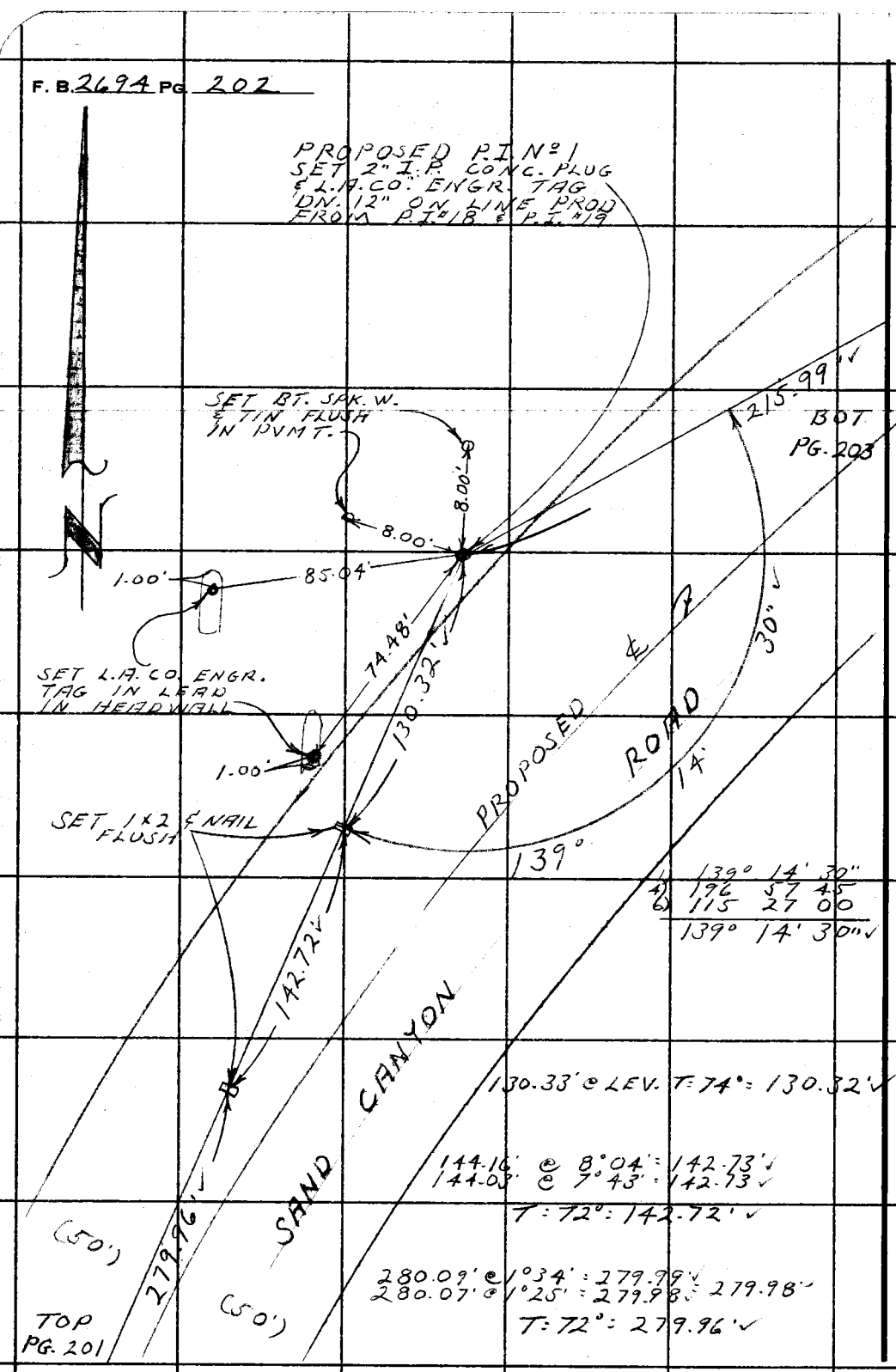
(50')

TO P
PG. 200

(50')

76F309S CE # 310 8-61

F. B. 2694 PG. 202



1) 139° 14' 30"
2) 196 57 45
3) 115 27 00
139° 14' 30" ✓

130.33' @ LEV. T=74°: 130.32' ✓

144.16' @ 8°04': 142.73' ✓
144.05' @ 7°43': 142.73 ✓
T=72°: 142.72' ✓

280.09' @ 1°34': 279.99' ✓
280.07' @ 1°25': 279.98' ✓ 279.98' ✓
T=72°: 279.96' ✓

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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Notes Ck'd by [illegible]
Map No. B 30.30
Office Work G. LUDVICKSON
Checked J. A. CHU[illegible]
Date MAR 15 67

Survey of SAND CN. ROAD
JN 00275.64 Tape 235 Std 84 °F
Surveyed by L.V. SMITH
Notes L.V. SMITH Date 3-18-66
Indexed C. J. GALLI

F. B 2694 PG. 203

BOT. PG. 204

261.27' ✓

1-C SET 1X2 & NAIL FLUSH

297.53' @ 5°01' = 296.39' ✓ = 296.39' ✓
297.45' @ 4°49' = 296.40' ✓
34.10' @ 5°56' = 33.92' ✓ = 33.92' ✓
34.03' @ 4°40' = 33.92' ✓

330.31' ✓

T = 60° = 330.26' ✓

330.26' ✓ PROPOSED

SAND CANYON ROAD

1-B SET 1X2 & NAIL FLUSH

1-A SET 1X2 & NAIL FLUSH

℄

231.94' ✓

232.10' @ 2°07' = 231.94' ✓
232.05' @ 2°48' = 231.94' ✓

T = 82° = 231.74' ✓

216.00' @ LEV. T: 78° = 215.99' ✓

215.99' ✓

(50')

(50')

RIGHT PG. 202

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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76F3095 CE # 310 3-61

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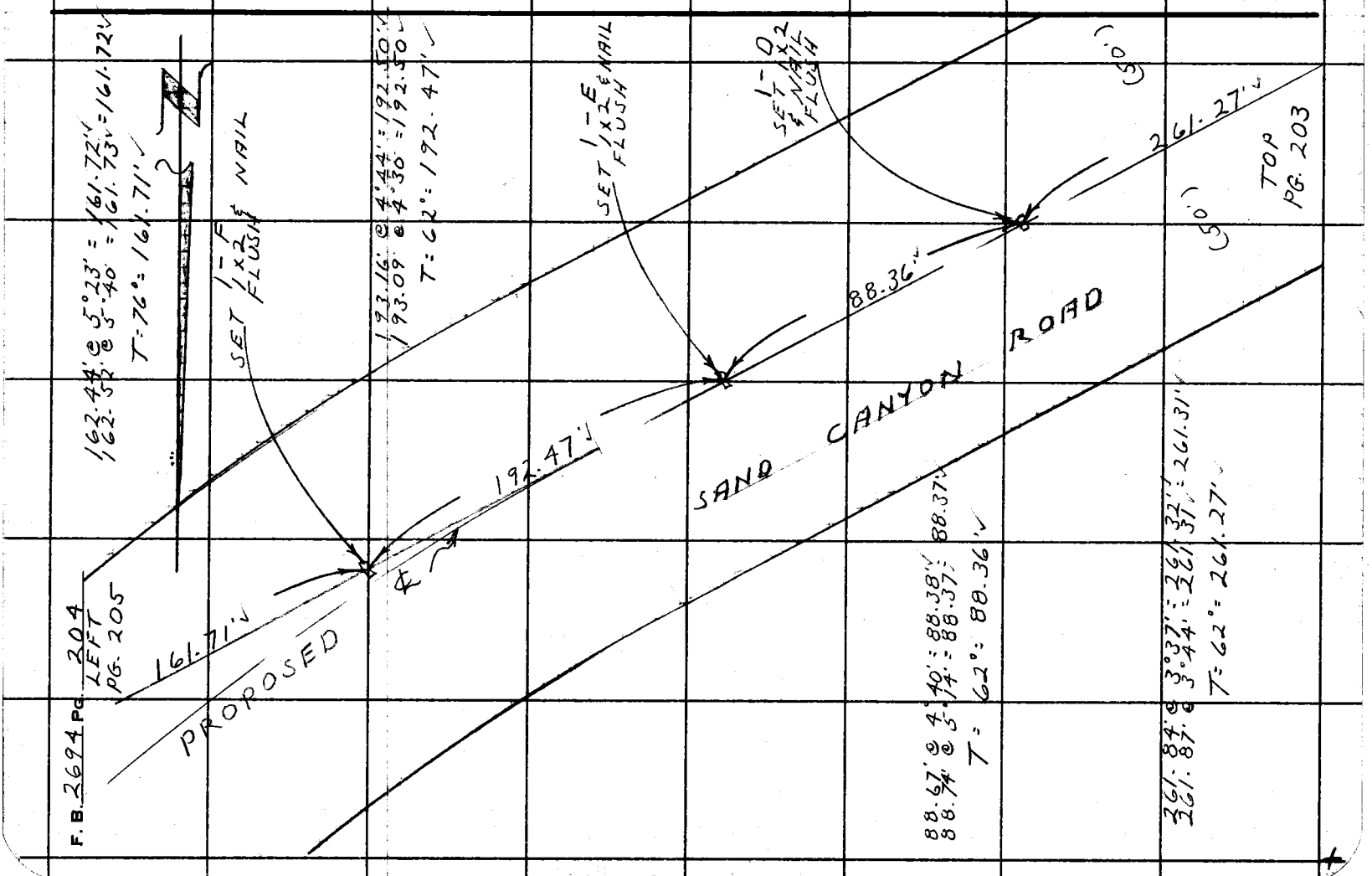

F. B. 2694 PG. 204 LEFT PG. 205

Notes Ck'd by Knowles
Map No. B3030
Office Work G. LUDVICKSON
Checked J. A. CHURCH
Date MAY 15 '67

Survey of SAND CN. ROAD
JN 0075.44 Tape 235 Std 84 °F
Surveyed by L. V. SMITH
Notes L. V. SMITH Date 3-19-66
Indexed C. J. GALLI

F. B. 2694 PG. 205

28.04' @ LEV.
T = 76° = 28.04'

1) 138° 25' 00"
4) 193 39 30
6) 110 29 30
138° 24' 55"

R.I. #16 = S-1
FD. 1" I.P. CONC. PLUG & L.A.CO. ENGR. TAG DN. 36" PER F.B. 2694-33

P.I. #17
FD. 3/4" I.P. CONC. PLUG & L.A.CO. ANGR. TAG FLUSH PER F.B. 2694-32

BOT. PG. 206

W.S. 62, D-2

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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403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

ROAD

SAND CANYON

PROPOSED

92° 11' 10"

54adj
55"
191.92'

R.P.P.I.2
SET 1" I.P. CONC. PLUG & L.A.CO. ENGR. TAG

24'

138'

451.00'

56.19'

P.I. #2
SET 2" I.P. CONC. PLUG & L.A.CO. ENGR. TAG FLUSH

90°

185.00'

28.04'

R.P.P.I.2
SET 1" I.P. CONC. PLUG & L.A.CO. ENGR. TAG

(50')
(50')

161.71'

TOP PG. 204

39.98' @ 16°42' = 38.29'
146.72' @ LEV = 146.72
185.01
T = 78° = 185.00'

T-3
NOTHING FD. SEARCHED FOR 1" I.P. PER F.B. 2694-62

1) 92° 11' 15"
4) 08 44 45
6) 193 07 00
92° 11' 10"

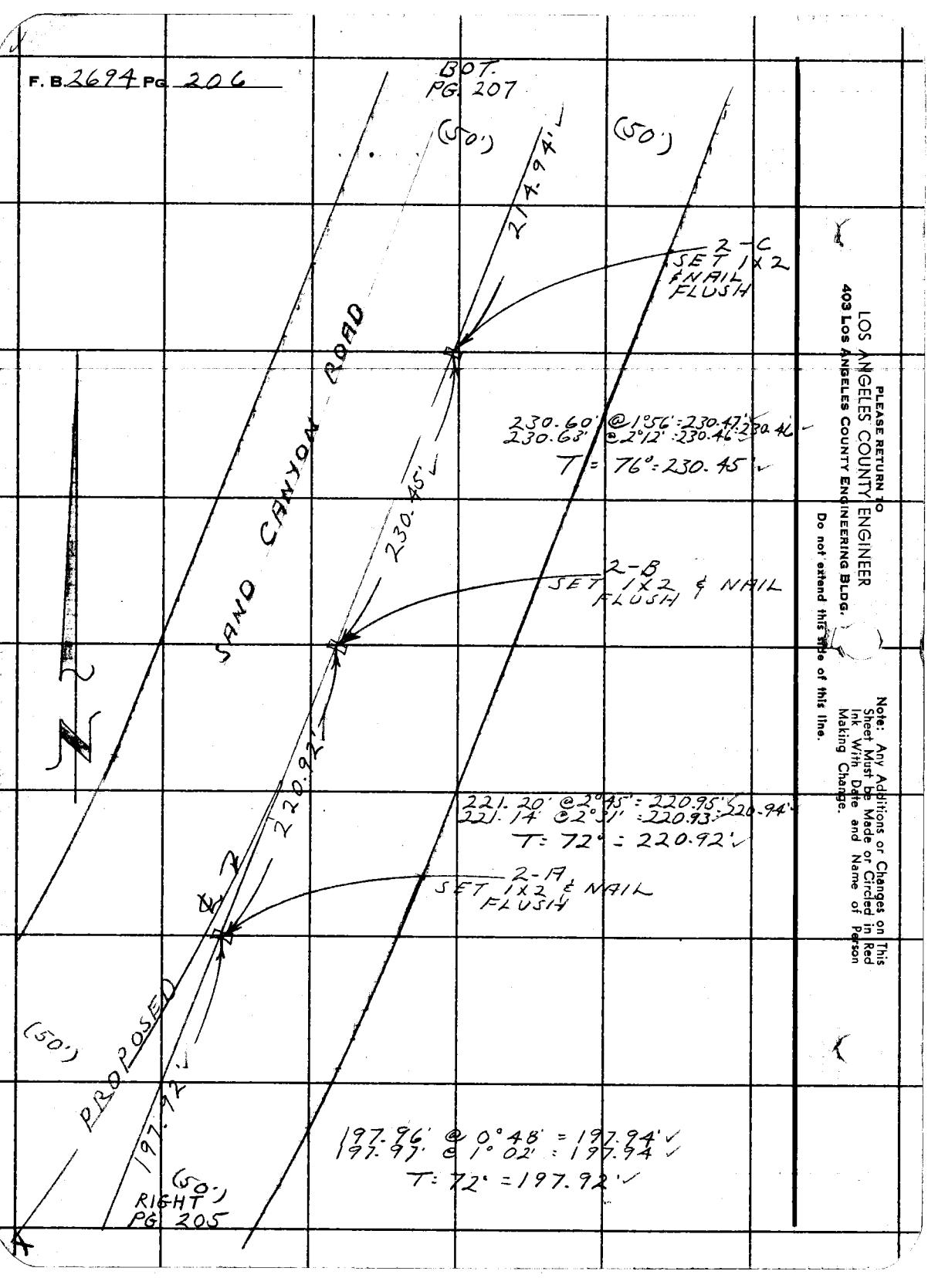
187.20' @ 6°30' = 186.00'
175.08' @ 11°48' = 171.38'
93.99' @ 2°55' = 93.65'
451.03'
T = 74° = 451.00'

57.68' @ 13°02' = 56.19'
T = 76° = 56.19'

76F309S CE # 310 3-61

F. B. 2694 PG. 206

BOT. PG. 207



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Notes Ck'd by K. Lewis	Survey of SAND CANYON ROAD	F. B. 2694 Pg. 207
Map No. B3030	JN 0075.64 Tape 235 Std 84 °F	BOT. PG. 208
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH	
Checked J. A. CHURCH	Notes L.V. SMITH Date 3-21-66	
Date MAY 5 67	Indexed C. J. GALLI	

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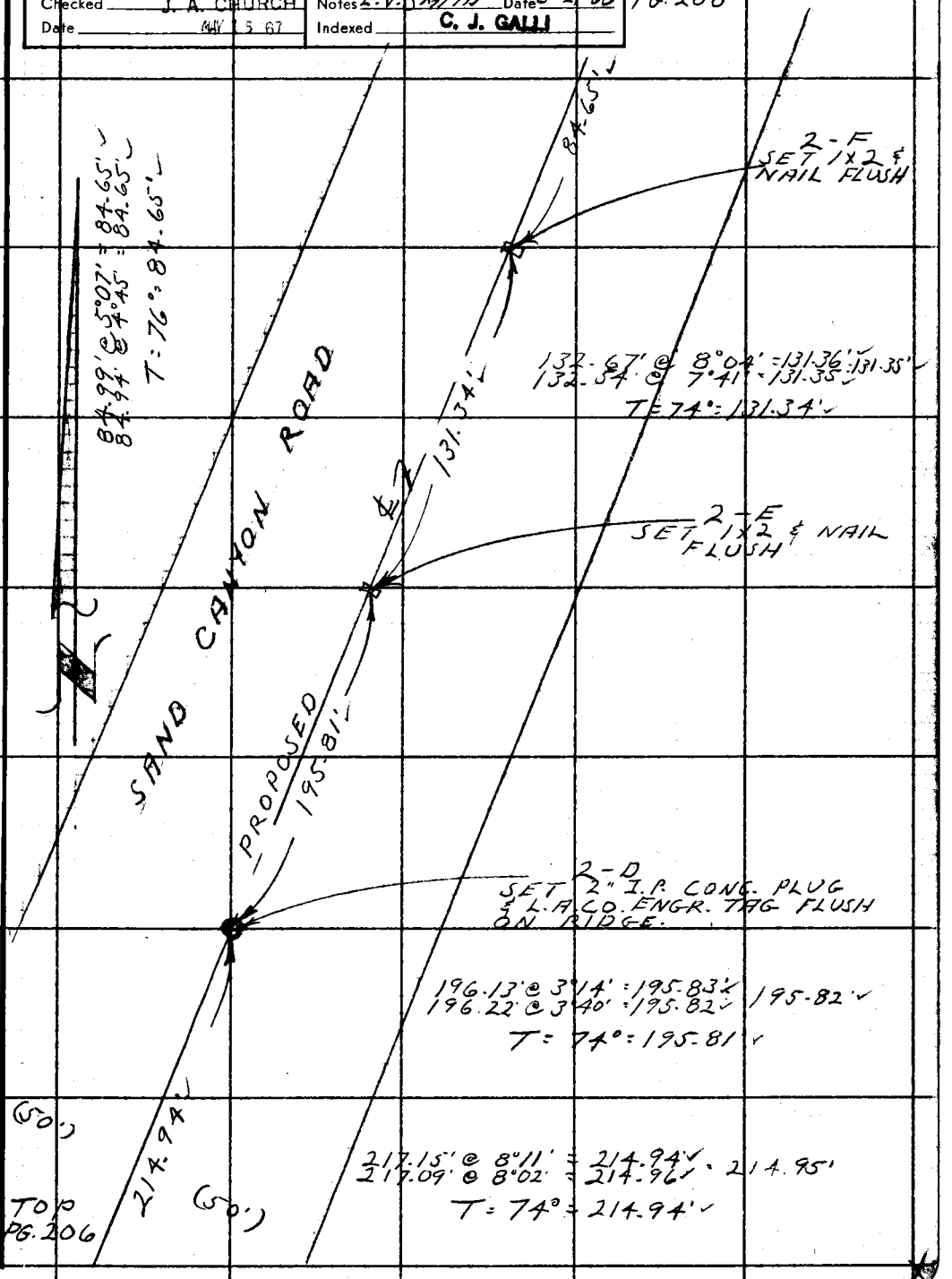
76F3095 CE # 310 3-81



F. B. 2694 Pg. 208

W.S.62 D-1

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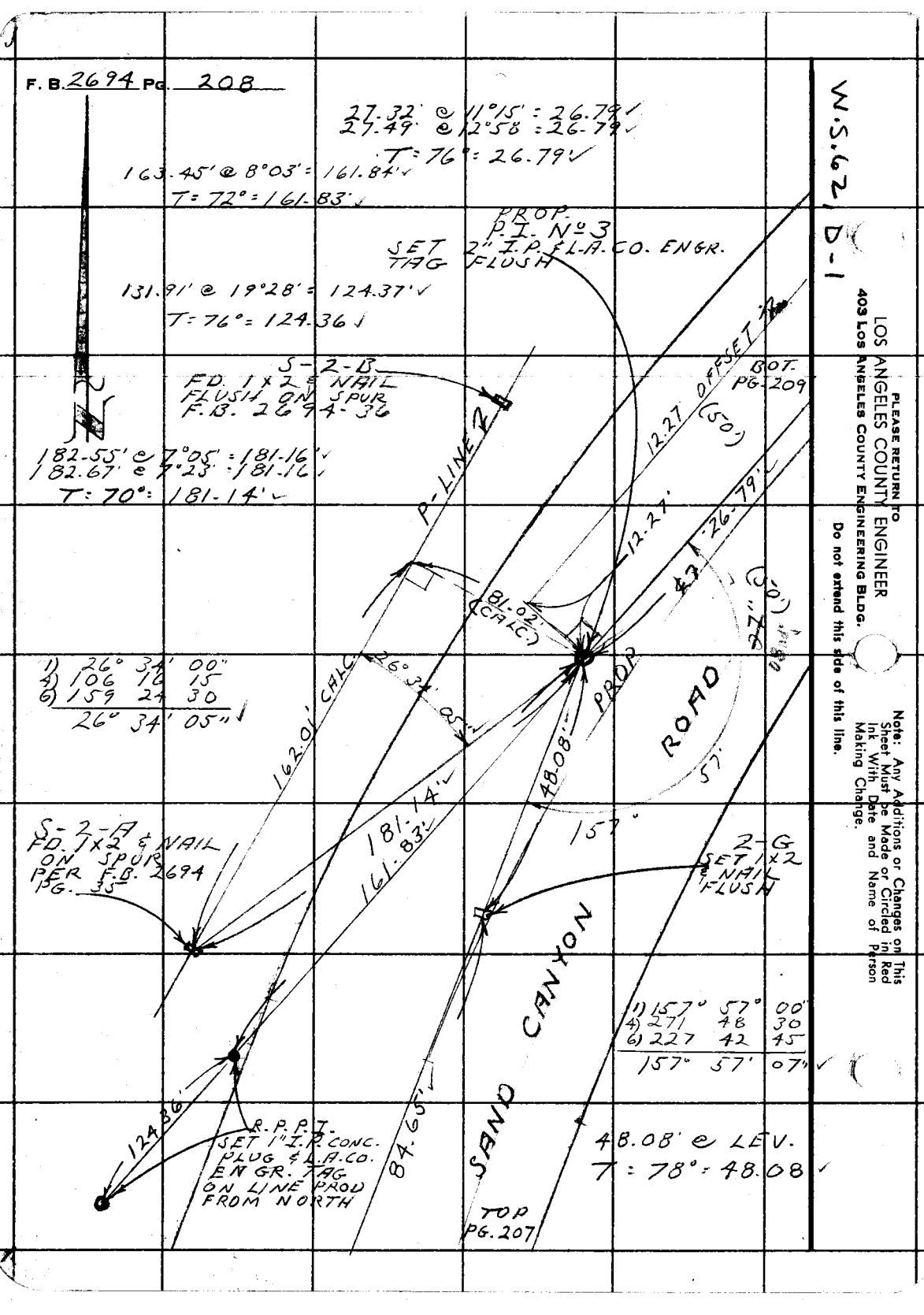

Notes Ck'd by Knowles	Survey of SAND CANYON ROAD
Map No. 330-30	JN 2075-64 Tape 235 Std 84 °F
Office Work G. LUDVICKSON	Surveyed by L-V-SMITH
Checked J. A. CHURCH	Notes L-V-SMITH Date 3-30-66
Date JAN 13 '67	Indexed C. J. GALLI

F. B. 2694 PG. 209

148.80 @ 29°53' = 129.02' = 129.01'
148.64 @ 29°47' = 129.01'
T = 66° = 128.99'

285.21' @ LEV. T = 76° = 285.20'

BOT. PG. 210

(50')

128.99'

(50')

SAND CANYON ROAD

℄

12.27' OFFSET

PROPOSED

285.20'

3-B SET 1X2 & NAIL FL.

3-A SET 1X2 & NAIL FLUSH

26.79'

RIGHT PG. 208

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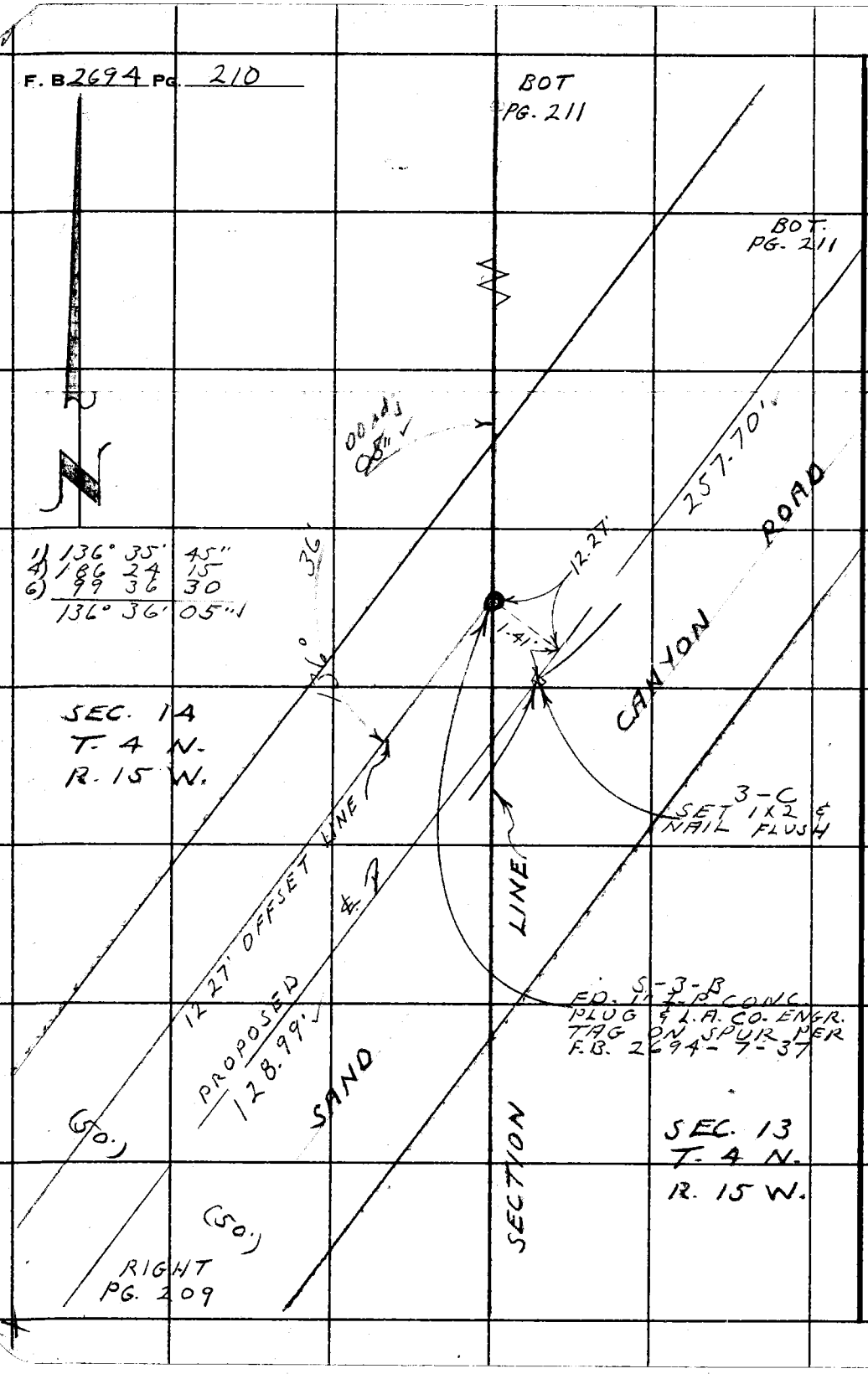
76F309S CE # 310 3-61



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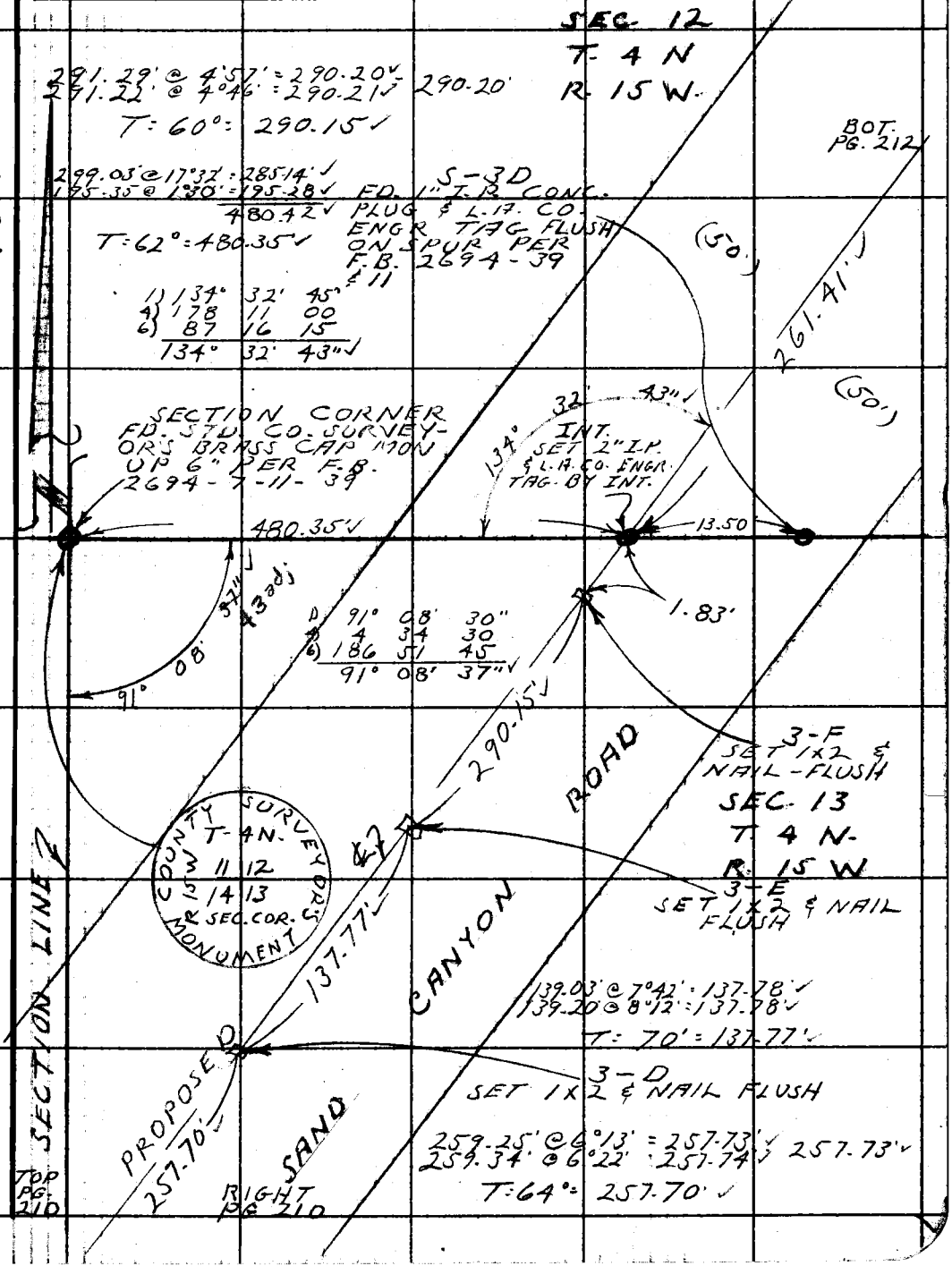
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Knowles	Survey of SAND CANYON RD.
Map No. B3030	JN 0075.64 Tape 235 Std 84 °F
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH
Checked J. A. CHURCH	Notes L.V. SMITH Date 3-30-66
Date MAY 15 '67	Indexed C. J. GALLI

F. B 2694 PG. 211



W.S. 62, D-1

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76F309S CE # 310 3-61

F. B. 2694 Pg. 212

241.87 @ 5°42' = 240.67 ✓
241.96 @ 5°26' = 240.67 ✓
T = 68° = 240.64' ✓

SET 3-J 1x2 FLUSH & NAIL

LEFT PG. 213

240.64' ✓

32.89 @ 24°07' = 30.02 ✓
32.41 @ 22°08' = 30.02 ✓
T = 66° = 30.02' ✓

ROAD

CANYON

30.02'

SAND

297.69' ✓

3-I SET 1x2 & NAIL FLUSH

299.75' @ 6°32' = 297.73'
297.74' = 297.73'
T = 66° = 297.69' ✓

PROPOSED

136.03' ✓

3-H SET 1x2 & NAIL FLUSH

136.73 @ 5°44' = 136.05' ✓
136.47 @ 4°29' = 136.06' ✓ = 136.05' ✓
T = 66° = 136.03' ✓

(50.)

3-G SET 1x2 & NAIL FLUSH

261.41' ✓

(50.)

261.77 @ 2°52' = 261.44' ✓
261.73 @ 2°42' = 261.44' ✓
T = 66° = 261.41' ✓

RIGHT PG. 211

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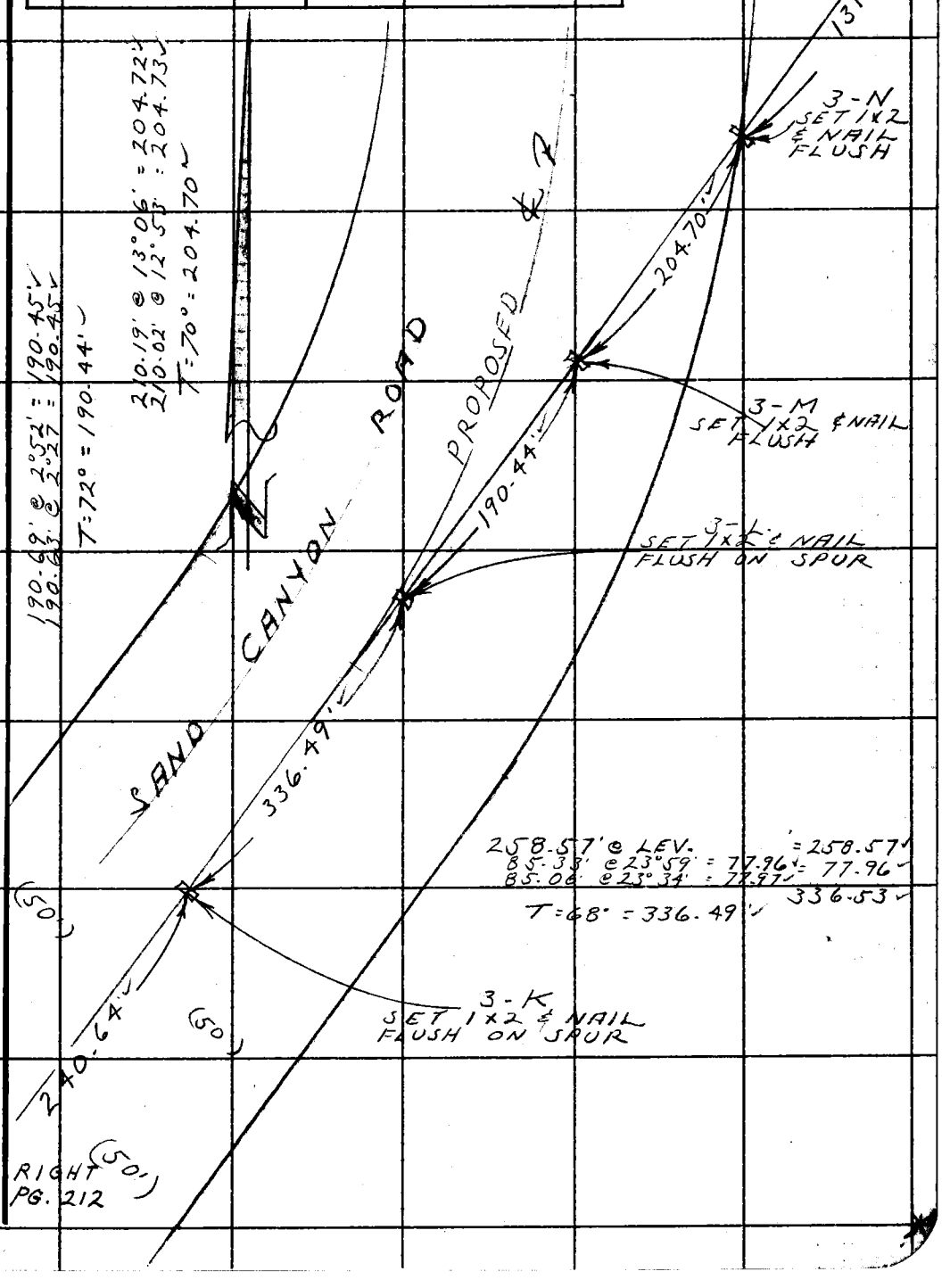
Notes Ck'd by KNOWLES	Survey of SAND CANYON ROAD
Map No. B 3030	JN 0075.64 Tape 235 Std 84 °F
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH
Checked J. A. CHURCH	Notes L.V. SMITH Date 3-30-66
Date MAY 15 '67	Indexed C. J. GALLI

F. B. 2694 PG. 213



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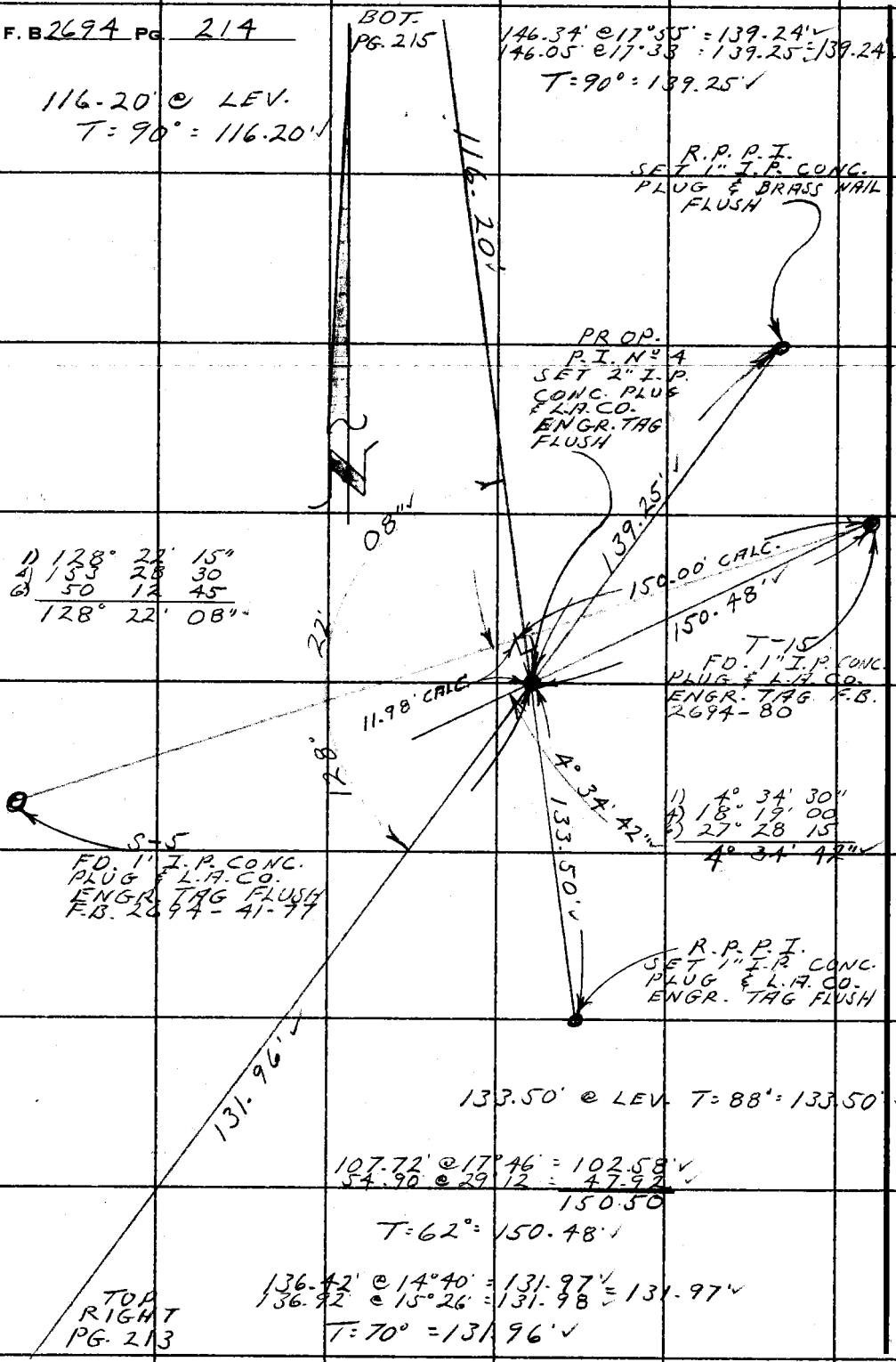
76F309S CE # 310 3-61

F. B. 2694 PG. 214



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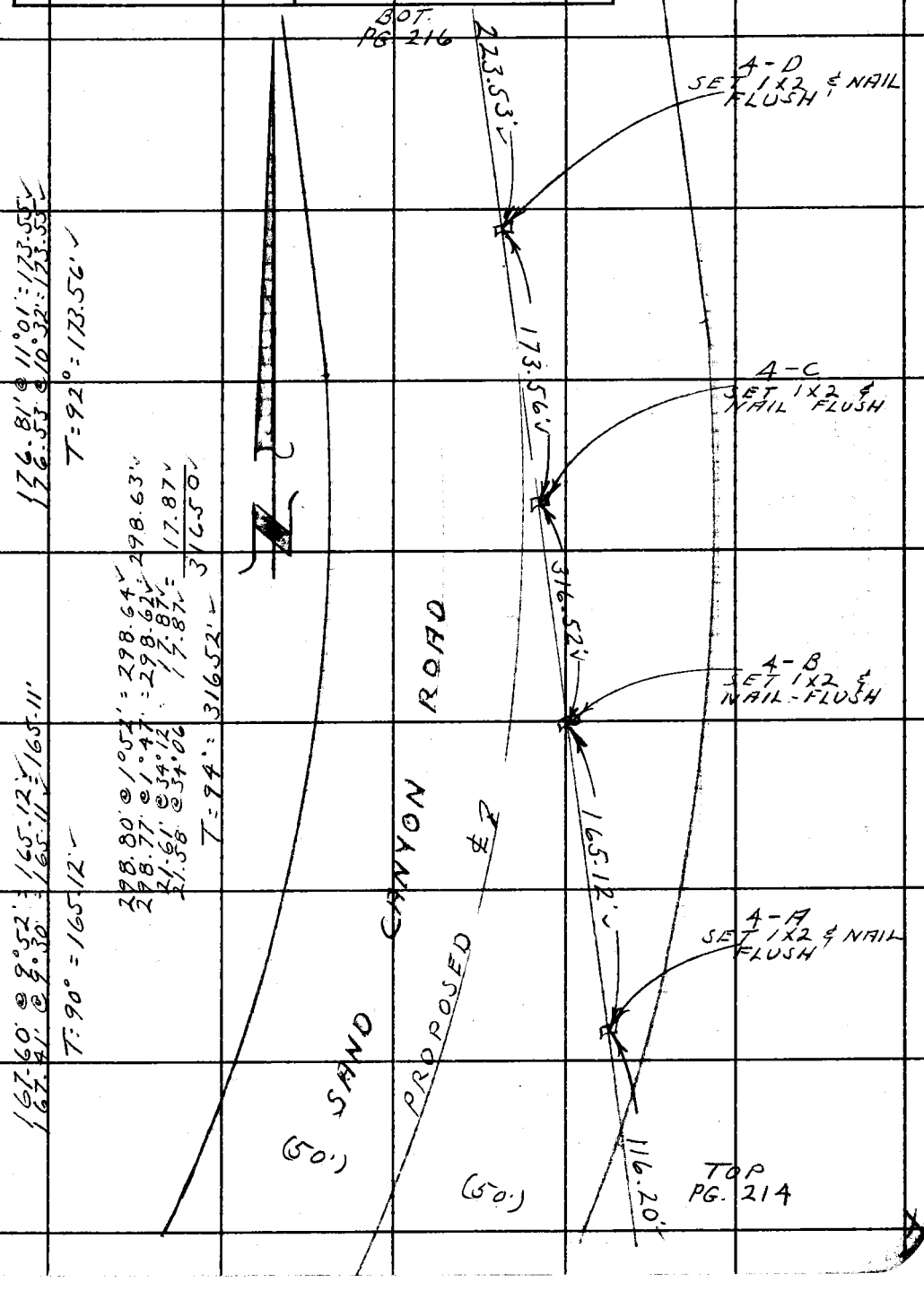
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Knowles	Survey of SAND CANYON ROAD	F. B. 2694 PG. 215
Map No. B3030	JN 0075-64 Tape 235 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH	
Checked J. A. CHURCH	Notes L.V. SMITH Date 4-14-66	
Date MAY 15 '67	Indexed C. J. GALLI	



167.60' @ 9°52' = 165.12'
167.41' @ 9°30' = 165.11' = 165.11'

T: 90° = 165.12'

298.80' @ 1°52' = 298.64'
298.77' @ 1°47' = 298.62'
21.61' @ 34°12' = 17.87'
21.58' @ 34°06' = 17.87'
T = 94° = 316.52'

176.81' @ 11°01' = 173.55'
176.53' @ 10°32' = 173.55'

T = 92° = 173.56'

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F. B. 2694 PG 216

BOT. PG 217

272.91' ✓

4-G
SET 1X2 & NAIL FLUSH ON RIDGE

114.42' @ LEV.
T = 88° = 114.42' ✓

114.42' ✓

4-F
SET 1X2 & NAIL FLUSH ON RIDGE

228.68' @ 18°11' = 217.26' = 217.25' ✓
229.04' @ 18°28' = 217.25' ✓
T = 98° = 217.27' ✓

217.27' ✓

4-E
SET 1X2 & NAIL FLUSH

228.54' @ 12°03' = 223.51' ✓
228.68' @ 12°12' = 223.51' ✓
T = 98° = 223.53' ✓

223.53' ✓

(50')

(50')

SAND CANYON ROAD

TOP PG. 215

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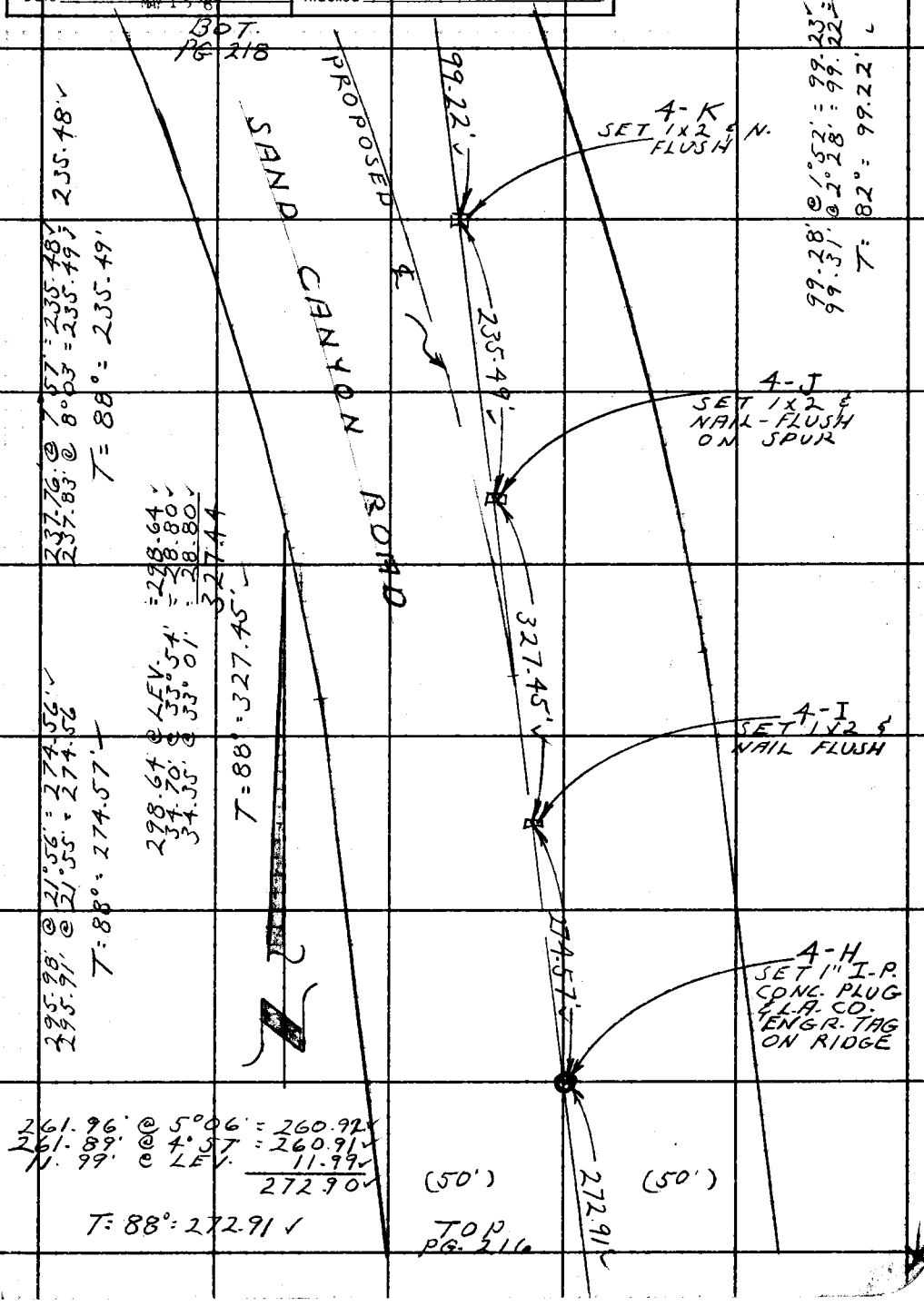
14

Notes Ck'd by Knowles	Survey of SAND CANYON ROAD	F. B. 2694 PG. 217
Map No. B3030	JN 0075-64 Tape 235 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH	
Checked J. A. CHURCH	Notes L.V. SMITH Date 4-14-66	
Date MAY 15 '67	Indexed G. J. GALLI	



99.28' @ 1°52' = 99.23'
99.31' @ 2°28' = 99.22' = 99.22'
T: 82° = 99.22'

237.76' @ 7°57' = 235.48'
237.83' @ 8°03' = 235.49'
T = 88° = 235.49'

235.48'

298.64' @ LEV. = 298.64'
34.70' @ 33°54' = 28.80'
34.35' @ 33°01' = 28.80'
327.44'

T = 88° = 327.45'

295.98' @ 21°56' = 274.56'
295.91' @ 21°55' = 274.56'
T: 88° = 274.57'

261.96' @ 5°06' = 260.92'
261.89' @ 4°57' = 260.91'
11.99' @ LEV. 11.99'
272.90'

T: 88° = 272.91'

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76F309S CE # 310 3-61

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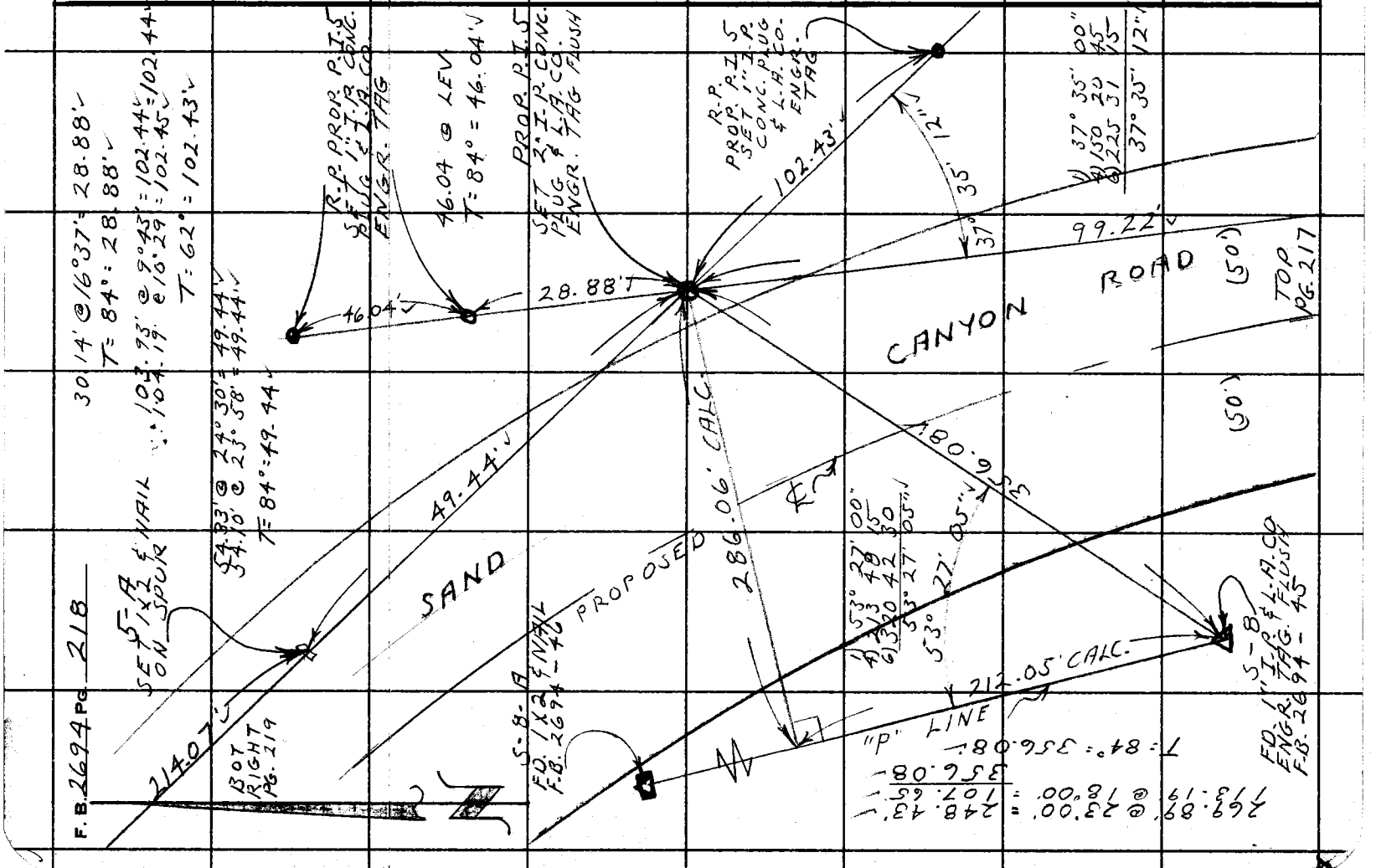
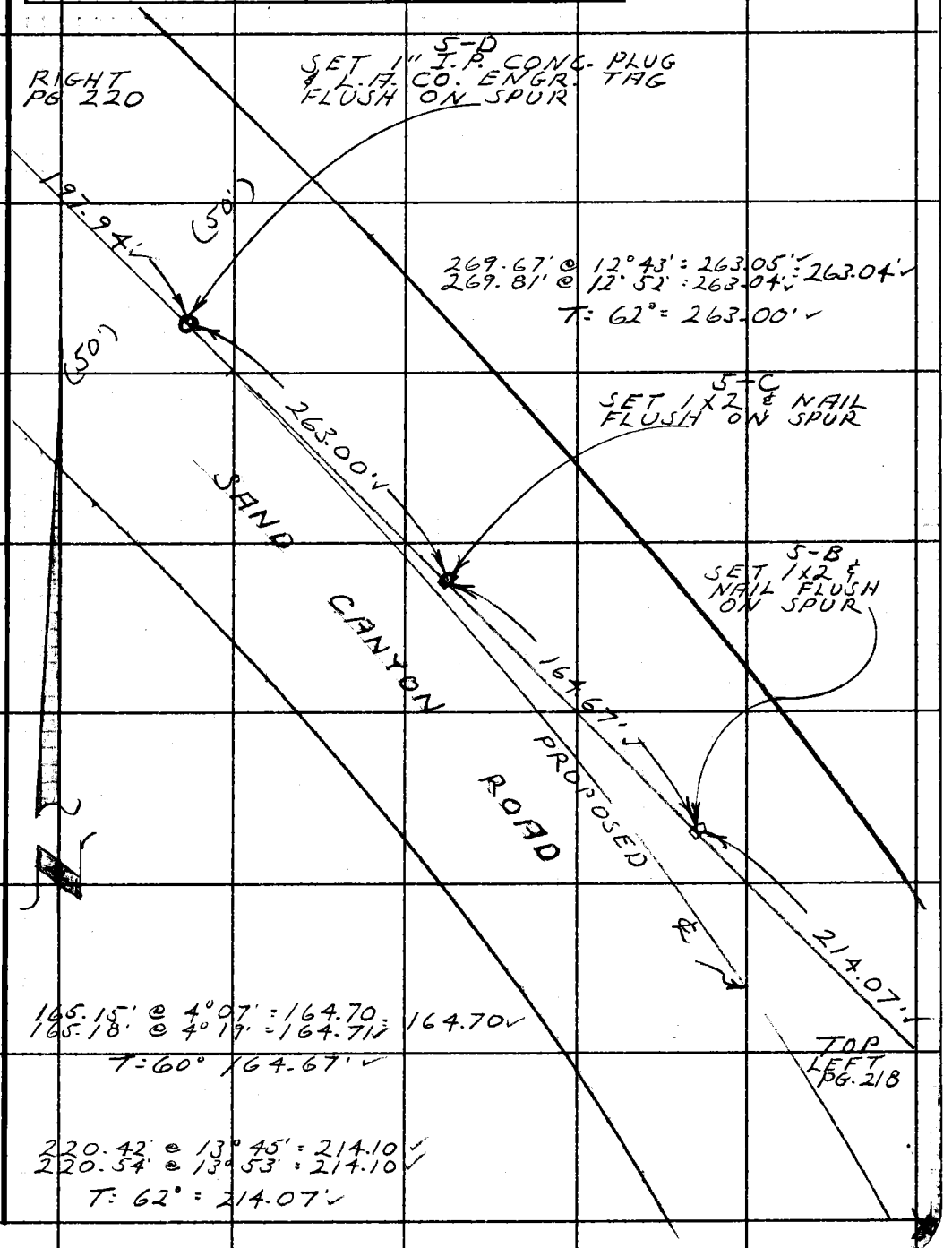
W.S. 62, D-1



Notes Ck'd by KNOWLES	Survey of SAND CANYON ROAD	F. B. 2694	PG. 219
Map No. B 3030	JN 0075.64 Tape 235 Std 84 °F		
Office Work G. LUDVICKSON	Surveyed by L. V. SMITH		
Checked J. A. CHURCH	Notes L. V. SMITH Date 4-12-66		
Date NOV 15 '67	Indexed C. J. GALLI		



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76F309S CE # 310 2-61

F. B. 2694 PG. 220

BOT RIGHT PG. 221

250.36' @ 5°59' = 249.00' ✓
250.32' @ 5°52' = 249.01' ✓ = 249.00 ✓
T = 60° = 248.96' ✓

5-G
SET 1X2 & NAIL FLUSH

248.96' ✓

(50')

292.30' @ 16°51' = 279.75' ✓
292.38' @ 16°52' = 279.75' ✓
T = 54° = 279.69' ✓

5-F
SET 1" I.P. CONC. PLUG
F.L.A.CO. ENGR. TAG
FLUSH ON SPUR

(50')

279.69' ✓

SAND CANYON ROAD

5-E
SET 1X2 & NAIL FLUSH

PROPOSED ℄

293.56' ✓

197.94' ✓

TOP LEFT PG. 219

296.45' @ 7°56' = 293.61' ✓
296.49' @ 8°00' = 293.61' ✓
T = 56° = 293.56' ✓

213.88' @ 22°14' = 197.98' ✓ 197.98' ✓
213.46' @ 21°57' = 197.99' ✓
T = 58° = 197.94' ✓

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Notes Ck'd by KNOWLES	Survey of SAND CANYON ROAD
Map No. B3030	JN 0075-44 Tape 245 Std. 84 °F
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH
Checked J. A. CHURCH	Notes L.V. SMITH Date 4-19-66
Date MAY 15 '67	Indexed G. L. GALLI

F. B. 2694 PG. 221

71.36' @ 13° 40' = 69.34' ✓
71.19' @ 13° 06' = 69.34' ✓
T = 62' = 69.33' ✓

31.29' @ 14° 42' = 30.27' ✓
31.04' @ 12° 45' = 30.27' ✓
T = 70° = 30.27' ✓

75.28' @ LEV.
T = 56° = 75.27' ✓

R.P. PROP. P.I. #6
SET 1" I.P. CONC.
PLUG & L.A. CO.
ENGR. TAG

71.00' CALC.

75.27' ✓

60.73' ✓

PROPOSED RIGHT PG. 222

SAND CANYON ROAD

24.99' CALC.

69.33' ✓

30.27' ✓

96°

00'

04" ✓

1) 96° 00' 00"
4) 24 00 15
96° 00 04" ✓

SET 1 X 2 & NAIL - LINE PROJ. FOR ANGLE

248.96' ✓

12° 00' 00" ✓

(50')

(50')

TOP LEFT PG. 219 220

PROPOSED P.I. #6
SET 2" I.P. CONC.
PLUG & L.A. CO.
ENGR. TAG FLUSH

1) 12° 00' 00"
4) 48 00 00
6) 72 00 00
12° 00' 00"

60.74' @ LEV.
T = 70° = 60.73' ✓

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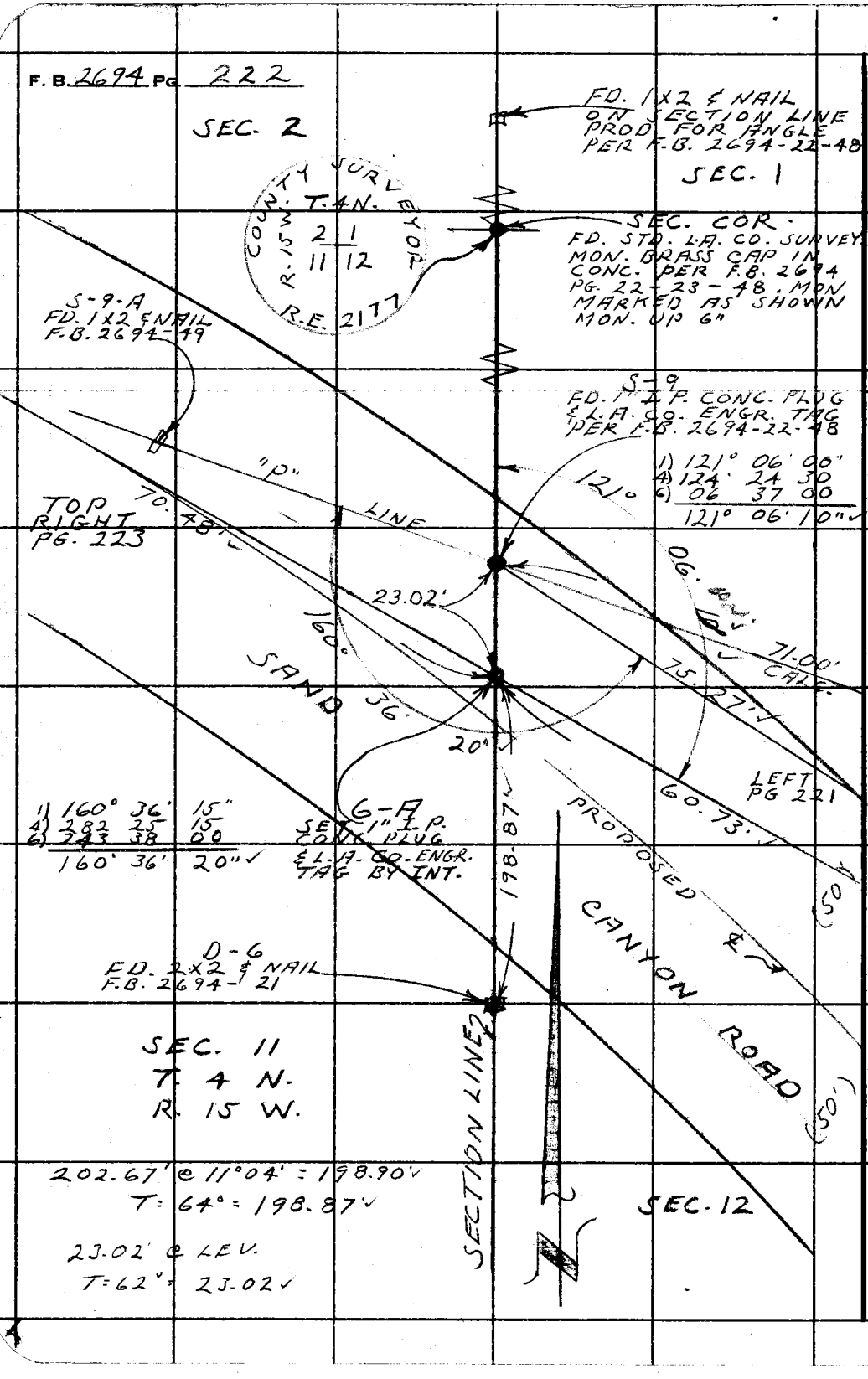

W.S. 62, D-1

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Notes Ck'd by EDWARDS
Map No. B3030
Office Work G. LUDVICKSON
Checked J. A. CHURCH
Date MAY 15 '67

Survey of SAND CANYON RD
JN 00754 Tape 235 Std 84 °F
Surveyed by L.V. SMITH
Notes L.V. SMITH Date 4-19-66
Indexed G. J. GALLI

F. B. 2694 PG. 223

LEFT PG. 222

70.49' @ LEV. T=60° = 70.48'

70.48'

120.37' @ 18°15' = 115.05'
120.37' @ 18°00' = 115.05'
T=60° = 115.03'

SAND CANYON ROAD

115.03'

6-B. SET 1X2 & NAIL FLUSH TOP OF SPUR

6-C SET 1X2 & NAIL FLUSH

299.80' @ 9°38' = 295.57'
299.91' @ 9°44' = 295.59' = 295.58'
T=60° = 295.53'

295.53' PROPOSED

(60')

(60')

TOP RIGHT PG. 224

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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76F3095 CE # 310 3-61

F. B. 2694 Pg. 224

RIGHT PG. 225

1) 33° 07' 15"
2) 732 29 30
3) 198 44 30
33° 07' 25"

BOT. LEFT PG. 223

SEC. 2
T. 4 N.
R. 15 W.

53.61 @ N. 09° = 52.60'
53.53 @ 10° 41' = 52.60
T: 64° = 52.59'

70.00' OFFSET LINE

295.53'

CANYON ROAD

6-D
SET 1X2 & NAIL FLUSH

33° 07' 25"

17.31' @ LEV.
T: 66° = 17.31'

6-E
SET 1X2 & NAIL BY INTERSET-ION.

80.89'

PROPOSED ℄

SAND

SECTION LINE

20.00 OFFSET LINE

81.64' @ 7° 44' = 80.90'
81.75' @ 8° 16' = 80.90'
T: 66° = 80.89'

SEC. 11

17.31'

52.59'

E-4
FD. 1X2 & NAIL
F.B. 2694-22-24

(50')

FD. 1X2 ℄ NAIL F.B. 2694-22

90 00'
PG. 22

(50')

TOP RIGHT PG. 226

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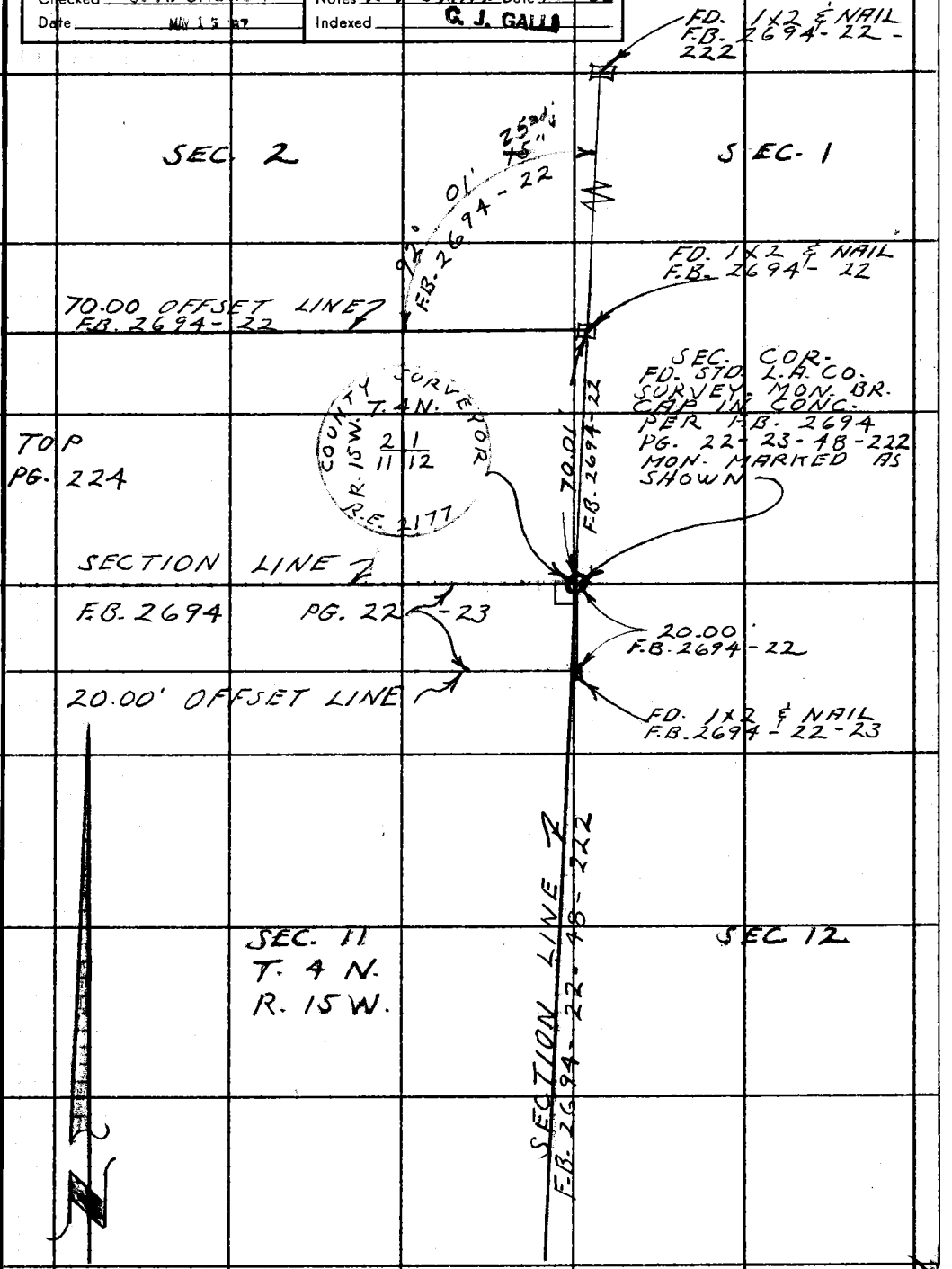
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Knowles	Survey of SAND CANYON ROAD	F. B. 2694 PG. 225
Map No. B 3030	JN 0075-64 Tape 235 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by L. V. SMITH	
Checked J. A. CHURCH	Notes L. V. SMITH Date 4-20-66	
Date MAY 15 '67	Indexed G. J. GALLI	



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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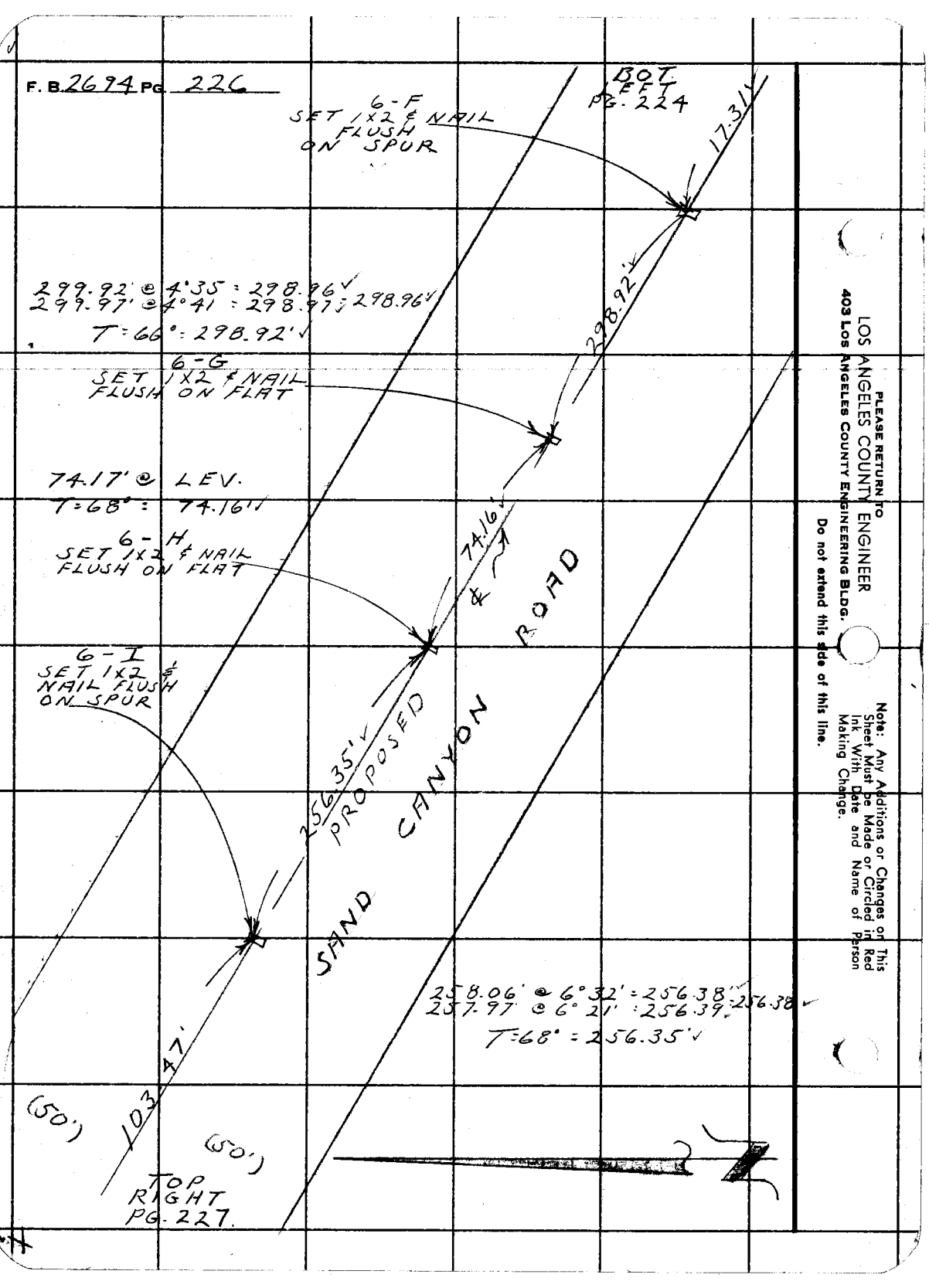
76F309S CE # 310 3-61

F. B. 2694 Pg. 226



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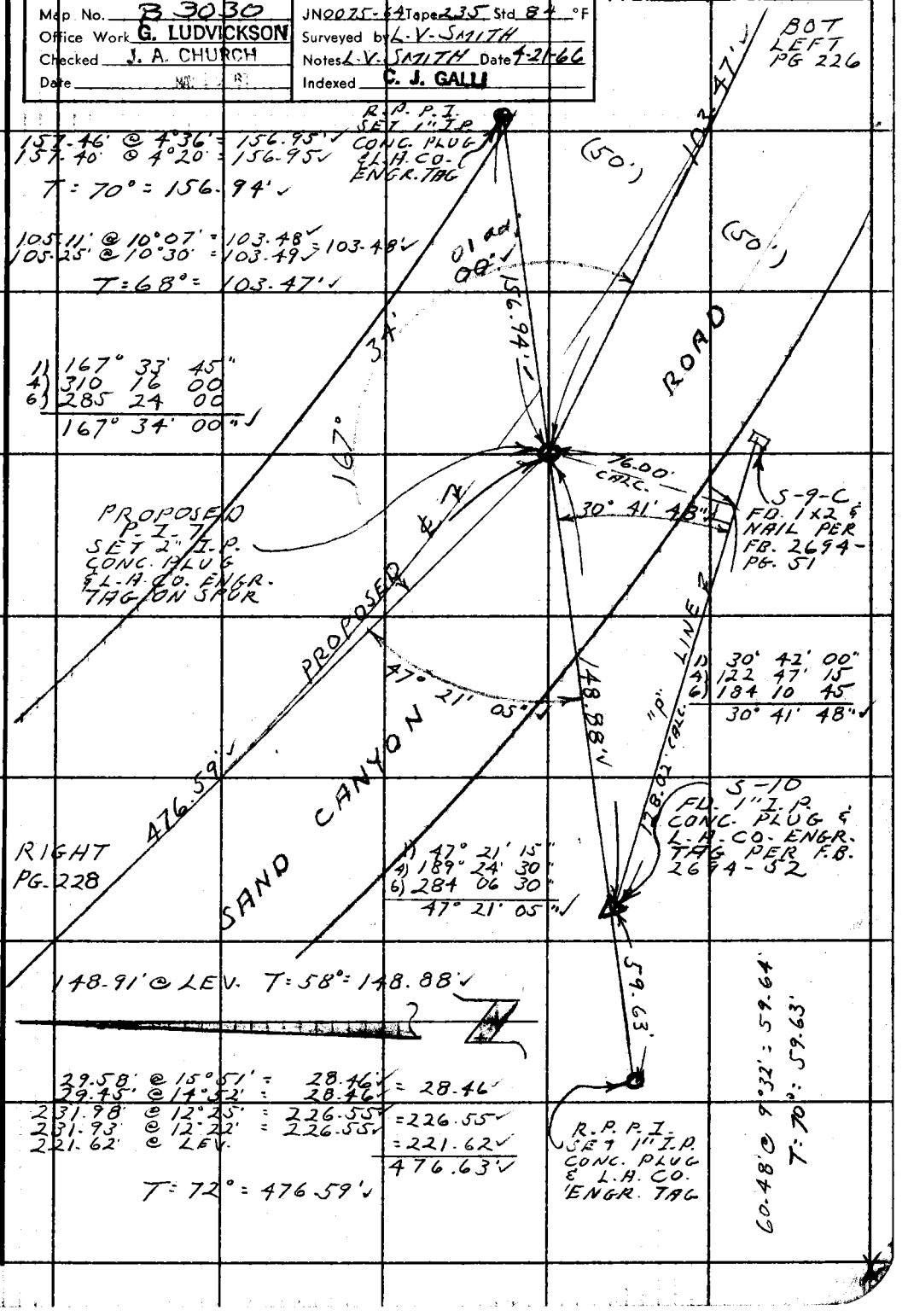
Notes Ck'd by Knowles	Survey of SAND CANYON ROAD	F. B. 2694 PG. 227
Map No. B 3030	JN 0075-64 Tape 235 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by L. V. SMITH	
Checked J. A. CHURCH	Notes L. V. SMITH Date 4-21-66	
Date	Indexed C. J. GALLI	



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76F309S CE # 310 3-61

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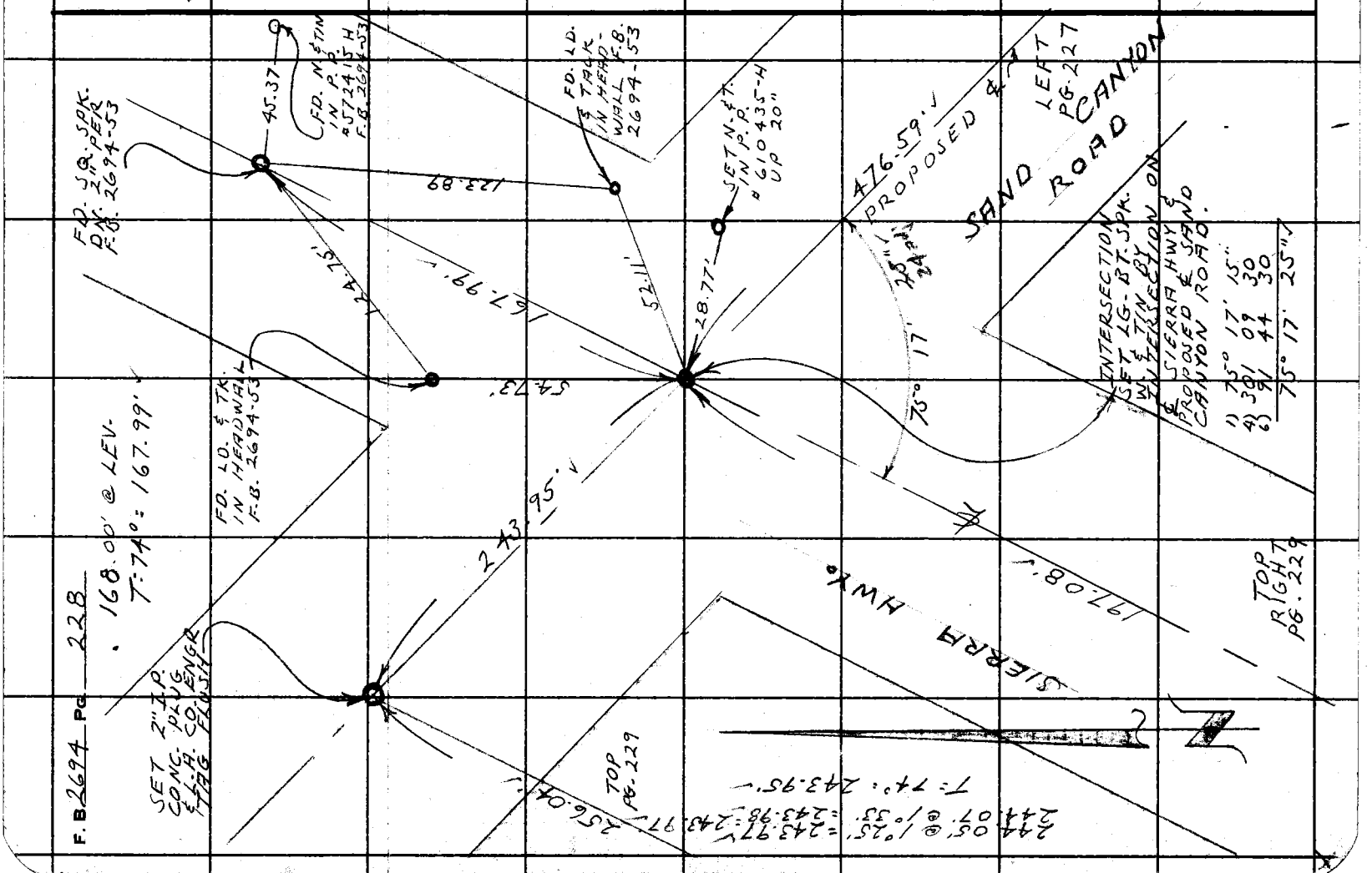
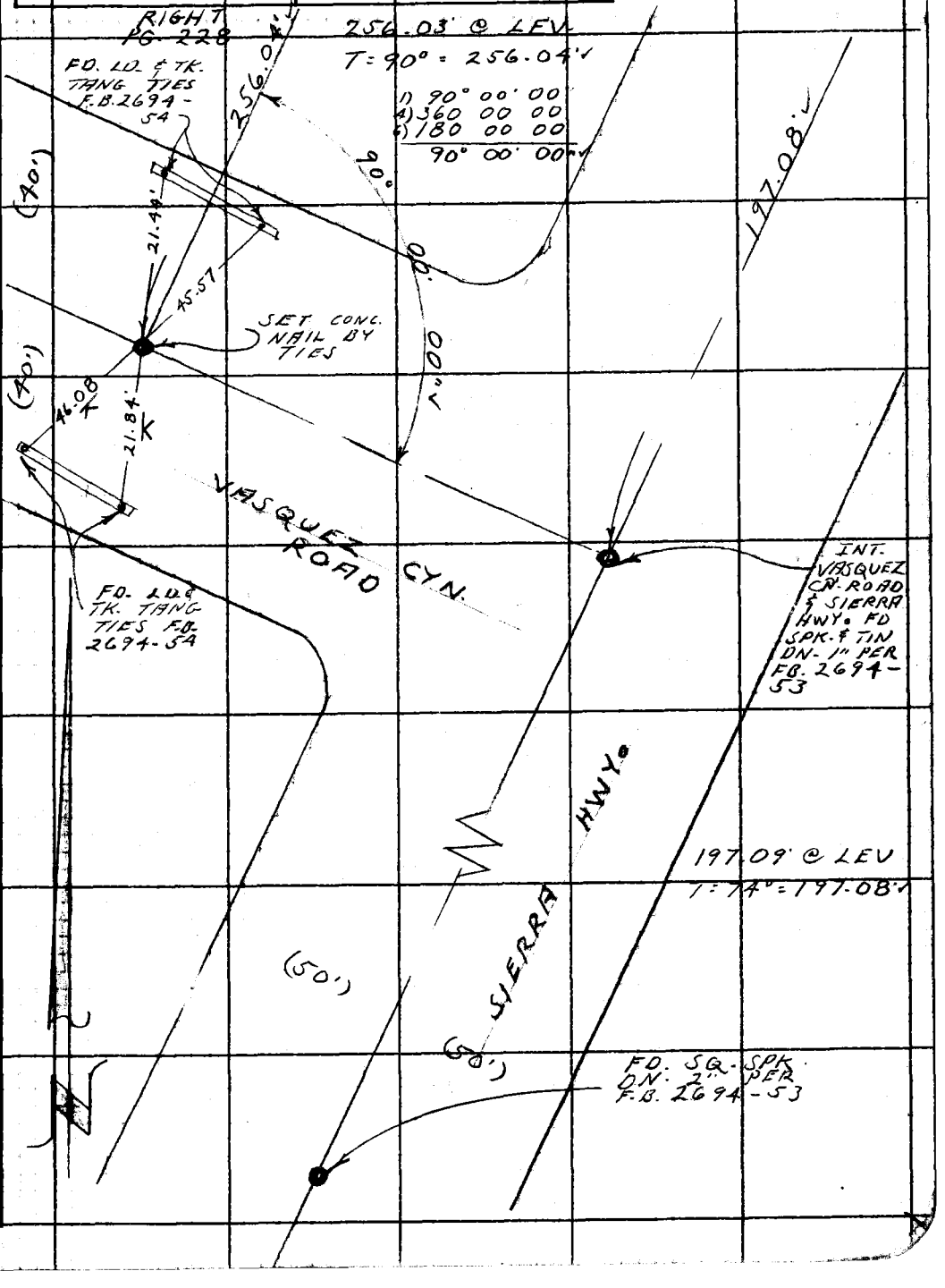
W.S.62, D-1



F.B. 2694 PG. 228

Notes Ck'd by Knowles	Survey of SAND CANYON ROAD	F. B. 2694 Pg. 229
Map No. B3030	JN 0075-64 Tape 235 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH	BOT. PG. 228
Checked J. A. CHURCH	Notes L.V. SMITH Date 4-21-66	
Date MAY 15 [illegible]	Indexed G. J. GALLI	



W.S. 62, D-1

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76F309S CE # 310 3-61

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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.

F. B. 2694 Pg. 230

Notes Ck'd by J. A. CHURCH	Survey of SAND CANYON RD.
Map No. B-3030	JN 0075.64 Tape 143 Std. 84 °F
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 7-22-66
Date MAY 16 '67	Indexed C. J. GALLI AUG 18 '66

F. B. 2894 Pg. 231

SAND CANYON ROAD
J.N. 0075.64

SURVEY TO ESTABLISH NEW P.I. 2-A – P.I. 2-B P.I. 3-A & P.I. 4-A ON PROPOSED ℄ OF SAND CANYON RD. SLY. FROM LOST CN. ROAD

JULY 1966

PARTY
L.V. SMITH
A. GOBLE
N. SMITH
E.M. GOSHORN

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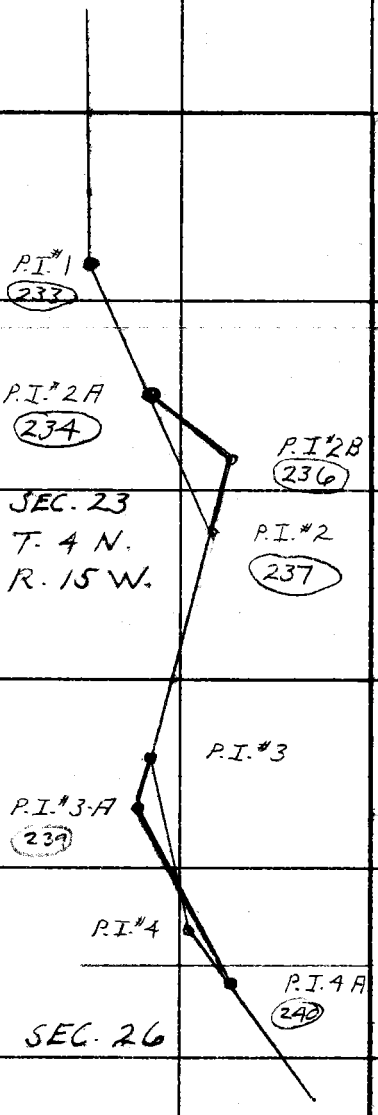
76F3095 CE # 310 8-61

F. B. 2694 PG. 232

INDEX



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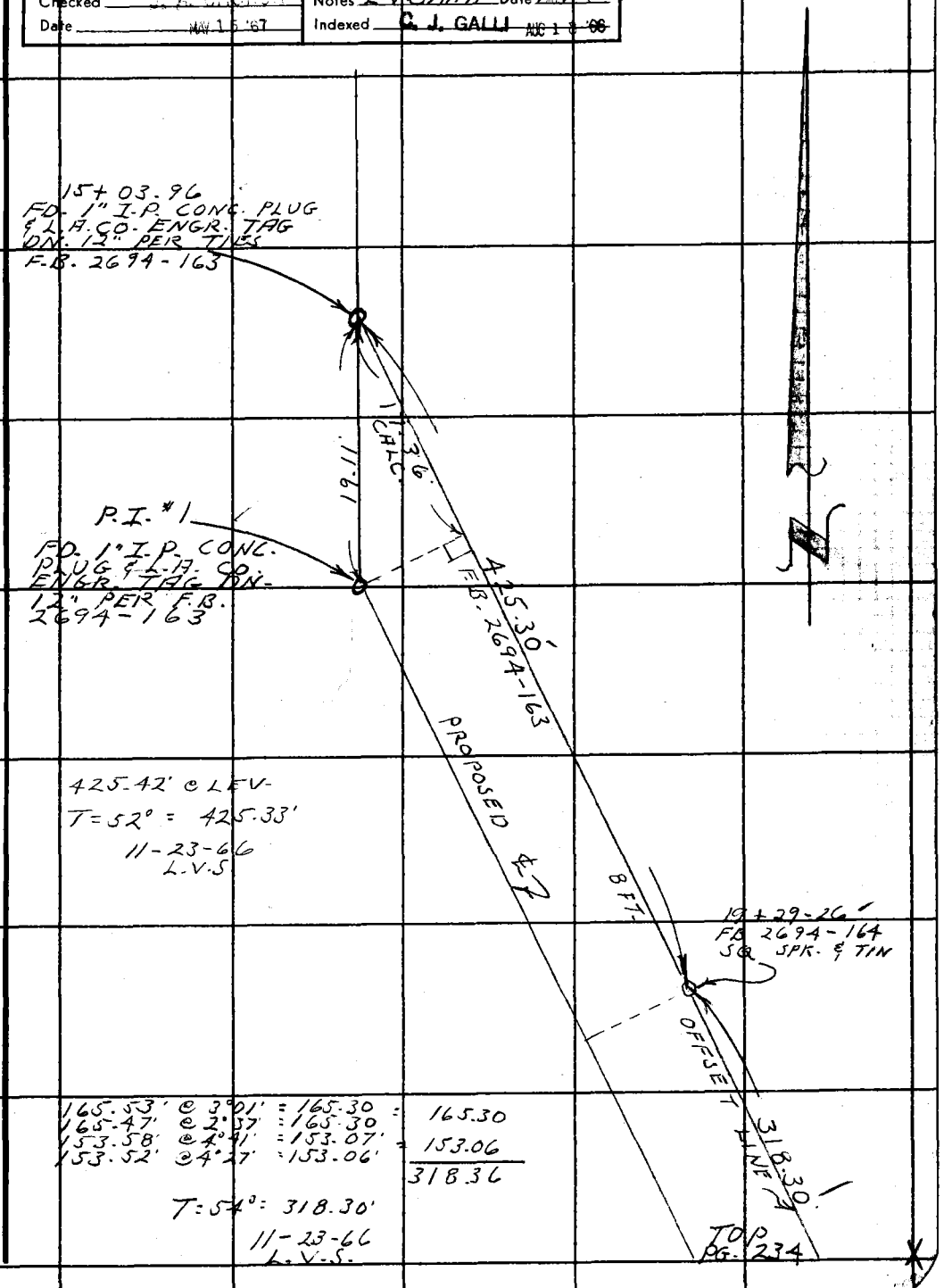
Notes Ck'd by J. A. CHURCH	Survey of SAND CANYON ROAD	F. B. 2694 PG. 233
Map No. B 3030	JN 0075-64 Tape 143 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH	
Checked J. A. CHURCH	Notes L.V. SMITH Date 7-21-66	
Date MAY 15 '67	Indexed C. J. GALLI AUG 18 '66	



425.42' @ LEV.
T = 52° = 425.33'
11-23-66
L.V.S.

165.53' @ 3°01' = 165.30 = 165.30
165.47' @ 2°37' = 165.30
153.58' @ 4°41' = 153.07' = 153.06
153.52' @ 4°27' = 153.06'
318.36

T = 54° = 318.30'
11-23-66
L.V.S.

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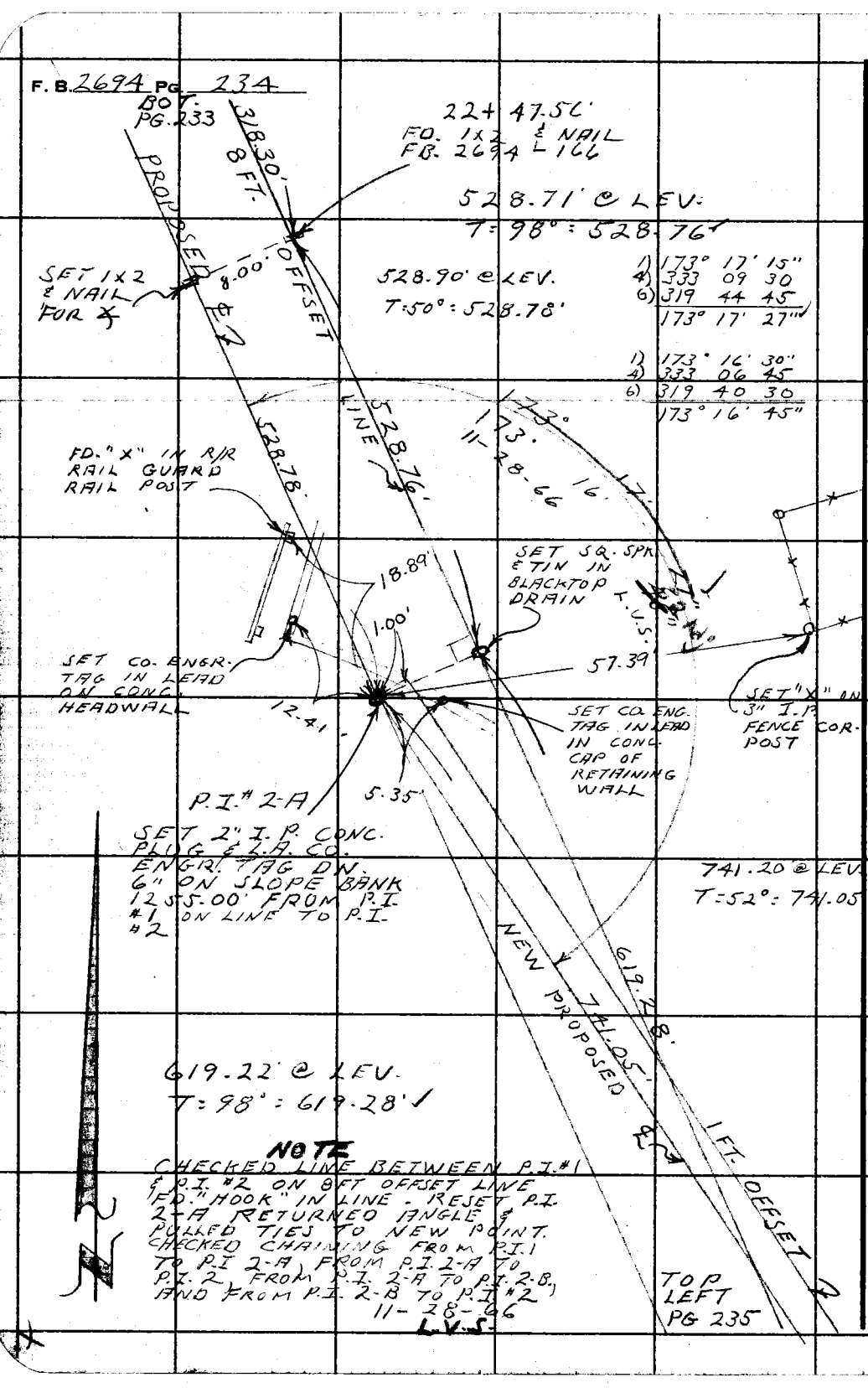
76F309S CE # 810 3-61

F. B. 2694 PG. 234



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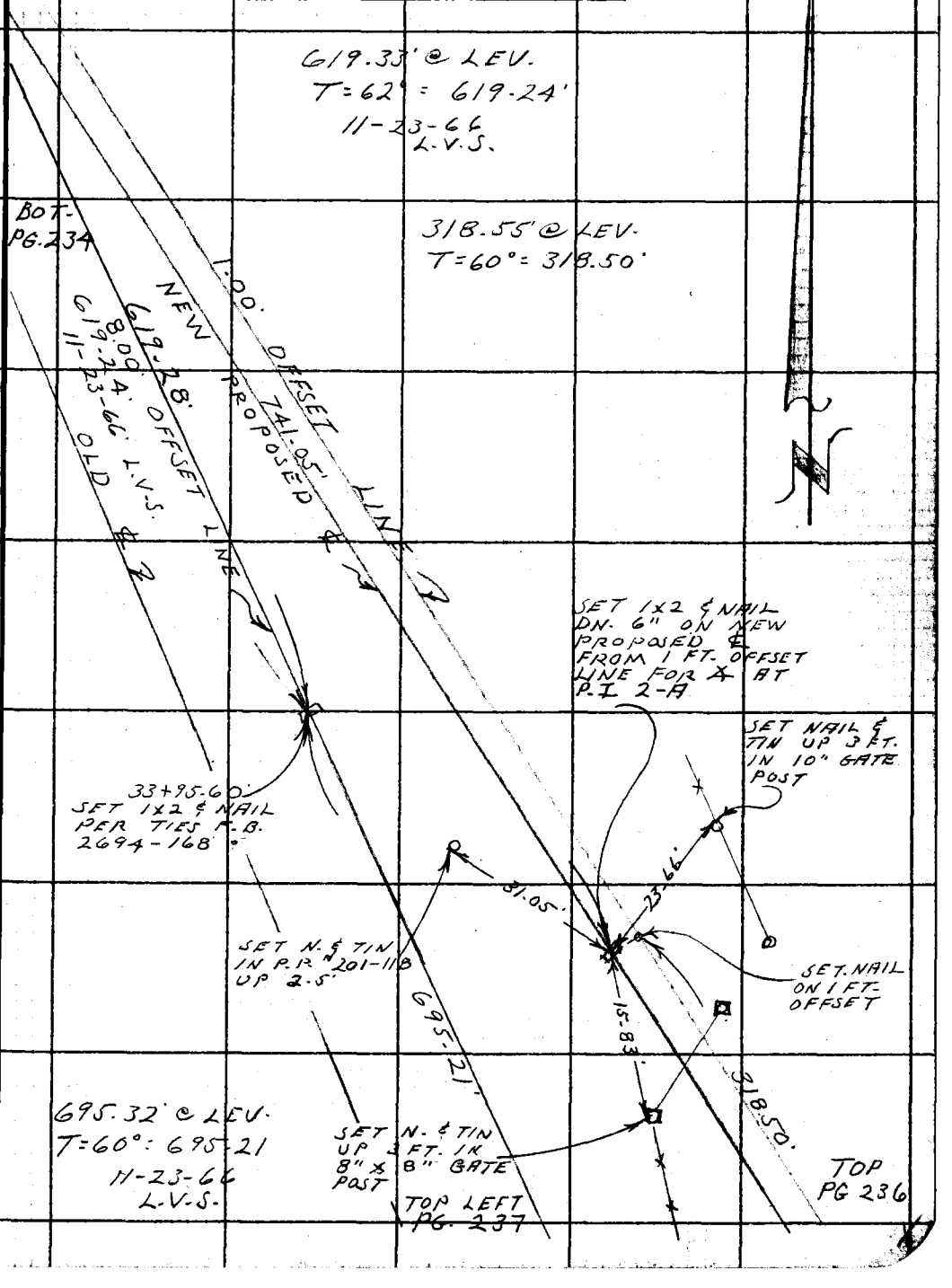
Notes Ck'd by J. A. CHURCH	Survey of SAND CANYON RD.	F. B. 2694 PG. 235
Map No. B3030	JN 0075-64 Tape 143 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH	
Checked J. A. CHURCH	Notes L.V. SMITH Date 7-21-66	
Date 15 '67	Indexed C. J. GALLI	



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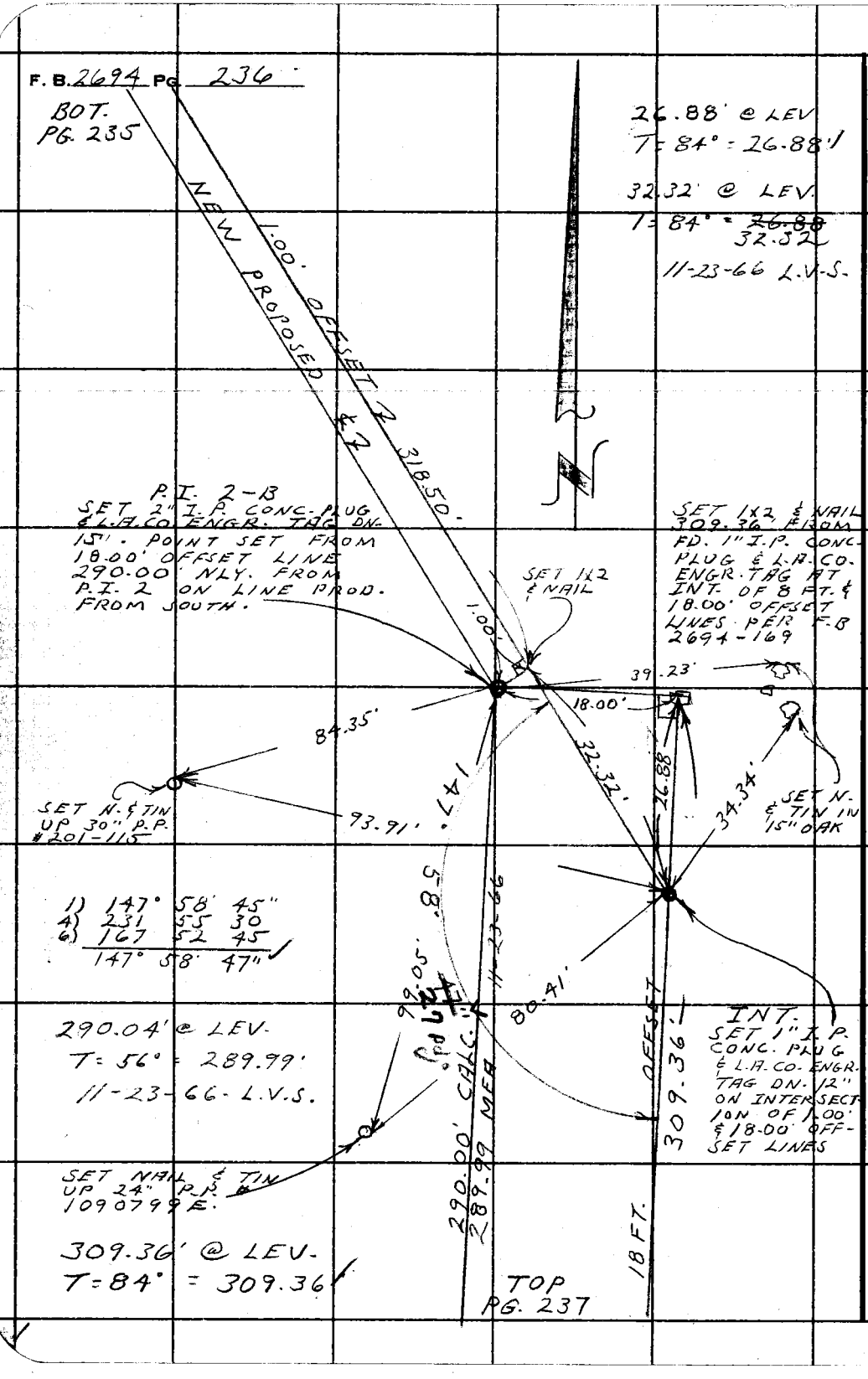
76F3095 CE # 310 3-61



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Notes Ck'd by J. A. CHURCH
Map No. B 3036
Office Work G. LUDVICKSON
Checked
Date MAY 15 '67

Survey of SAND CANYON RD.
JN 0075-64 Tape 0244 Std 68° F
Surveyed by L-V-SMITH
Notes L-V-SMITH Date 7-21-66
Indexed C. J. GALLI

F. B. 2694 PG. 237

BOT. PG. 236

BOT. PG. 235

8.00 OFFSET ℄

695.21'

OLD ℄

290.00' CALC. ℄ NEW PROPOSED 289.99 MEA. 11-23-66 L.V.S.

18.00' OFFSET PROP ℄ 309.36'

40+90.76' FD. 1"x2" ℄ NAIL F.L. F.B. 2694 PG. 169

P.I. # 2 FD. 1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG DN. 12" PER TIES F.B. 2694-169

8.00'

19.36' CALC. & MEA.

41+15.97 FD. 1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG DN. 13" PER TIES F.B. 2694-169 AT INT. OF 8.00' & 18.00' OFFSET LINES.

N

W.S. 62, D-7

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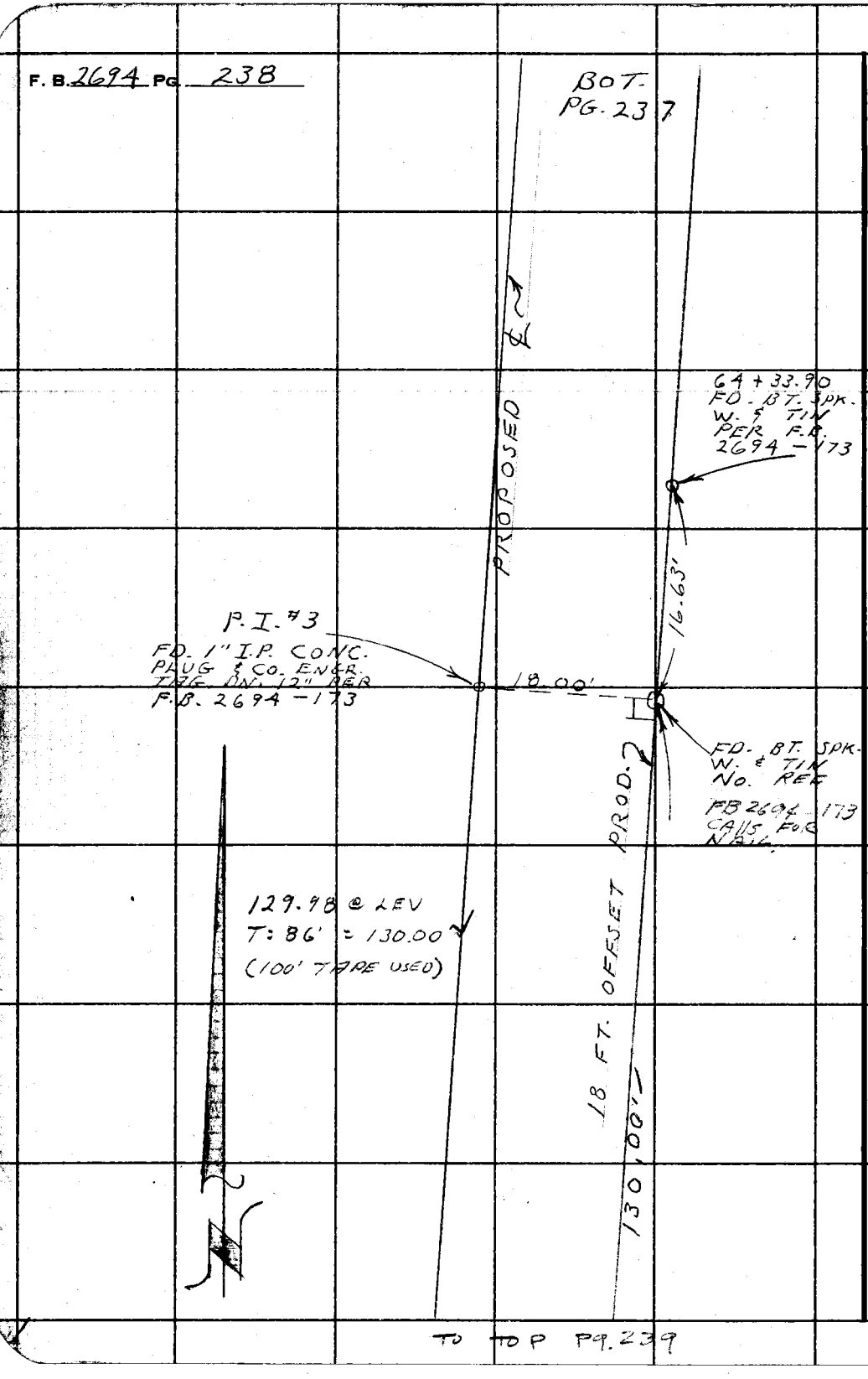
TO TOP PG. 238

76F3085 CE # 310 3-61

F. B. 2694 PG. 238



W.S. 62, D-2

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TO TOP PG. 239

Notes Ck'd by	Survey of Sand Canyon Rd
Map No. D3030	JN 007564 Tape 122 Std 64 °F
Office Work G. LUDVICKSON	Surveyed by W J Yoge
Checked	Notes Yoge Date 8-10-66
Date MAY 15 '67	Indexed C. J. GALLI

F. B. 2699 PG. 239

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T= 94°

40.74 @ LEV = 40.74'

79.22 @ LEV = 79.23'

23.82 @ LEV = 23.82'

33.11 @ LEV = 33.11'

15.50 @ LEV = 15.50'

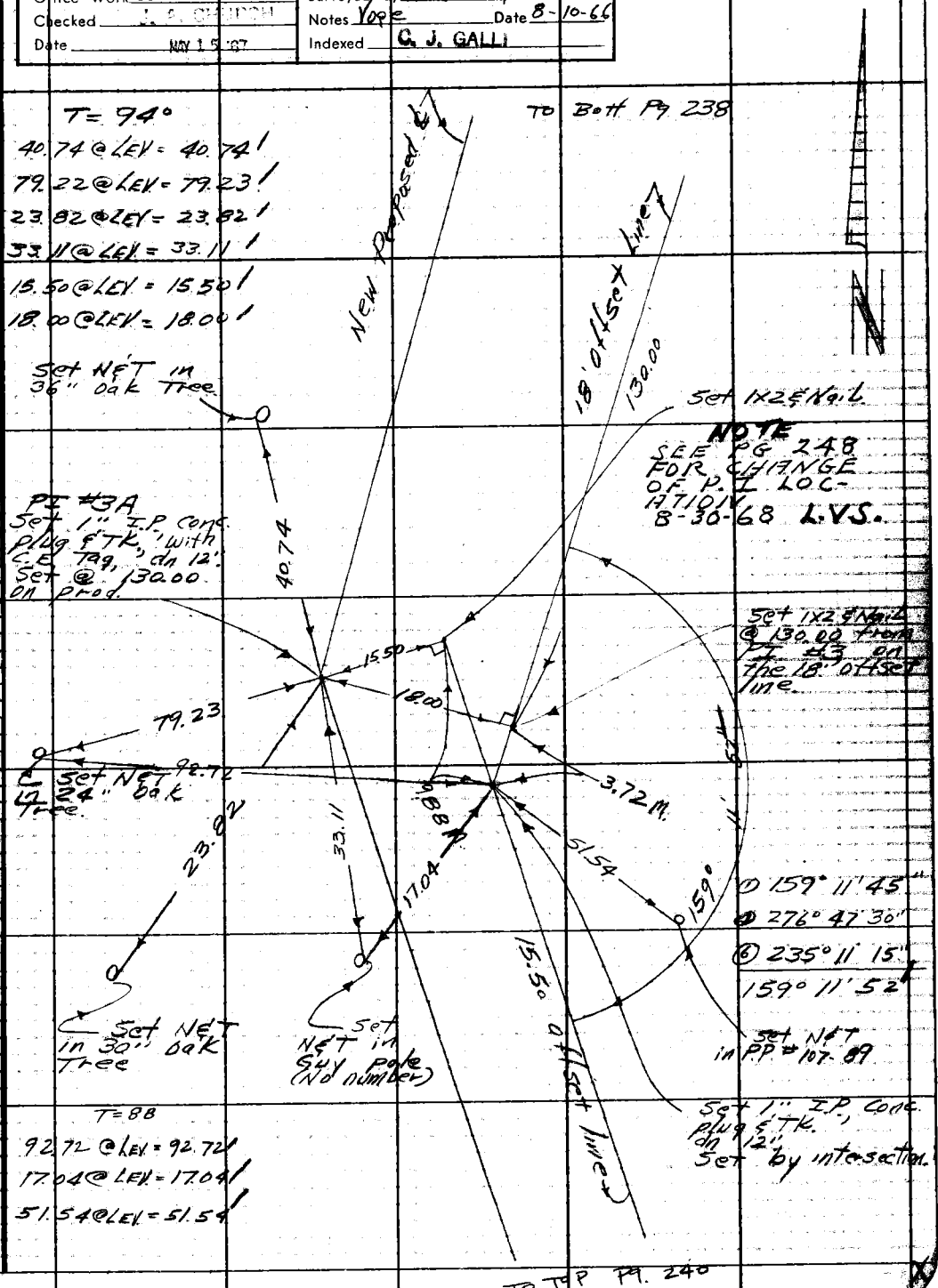
18.00 @ LEV = 18.00'

T= 88

92.72 @ LEV = 92.72'

17.04 @ LEV = 17.04'

51.54 @ LEV = 51.54'



7GF309S CE #310 1-65

F. B. 2694 PG 240

To Bott. Pg. 239

T=80°

35.50 @ LEV = 35.50 '

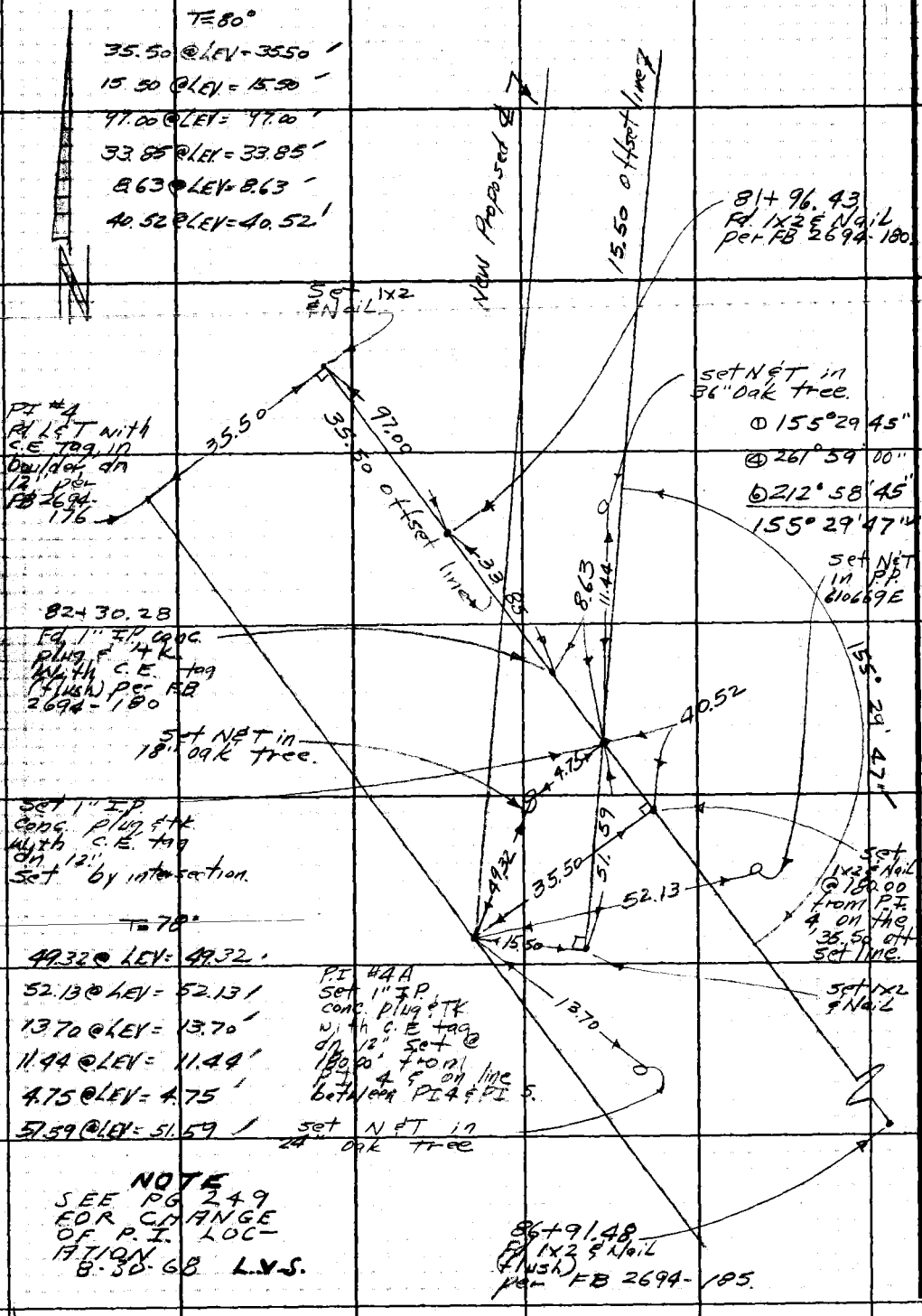
15.50 @ LEV = 15.50 '

97.00 @ LEV = 97.00 '

33.85 @ LEV = 33.85 '

8.63 @ LEV = 8.63 '

40.52 @ LEV = 40.52 '



NOTE
SEE PG 249 FOR CHANGE OF P.I. LOCATION
8-30-68 L.V.S.

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Notes Ck'd by J. A. CHURCH	Survey of SAND CYN. ROAD	F. B. 2694 PG. 241
Map No. B 3030 G. LUDVICKSON	JN 0075-64 Tape 169 Std 84 °F	
Office Work	Surveyed by L. V. SMITH	
Checked J. A. CHURCH	Notes L. V. SMITH Date 11-28-66	
Date MAY 15 '67	Indexed C. J. GALLI DEC 6 '68	

SAND CANYON ROAD
J.N. 0075.64

SURVEY TO SHOW POSITION OF PROPOSED CENTER LINE OF SAND CYN. ROAD IN RELATION TO EXISTING BRIDGES OVER SANTA CLARA RIVER AND ANTELOPE VALLEY FREEWAY

NOV. 29, 1966

PARTY
L.V. SMITH
R.C. DALE
M.R NEVAREZ
S.J. WILL

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76F3095 CE # 310 3-61

F. B. 2694 PG. 242

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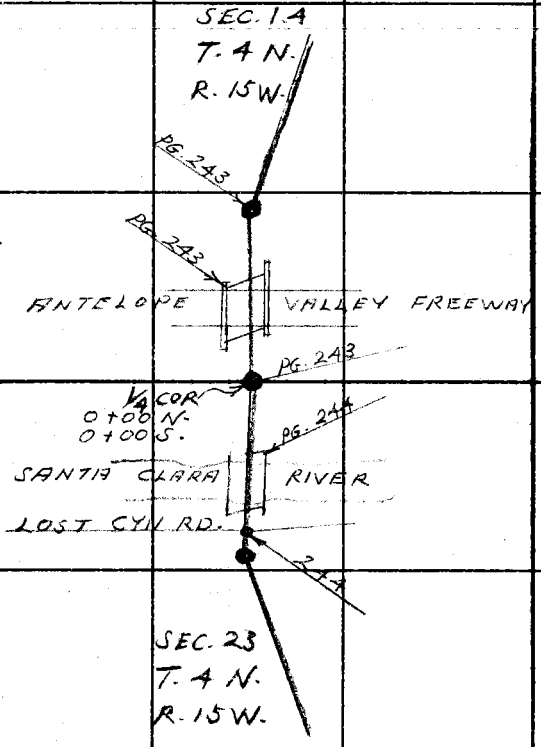

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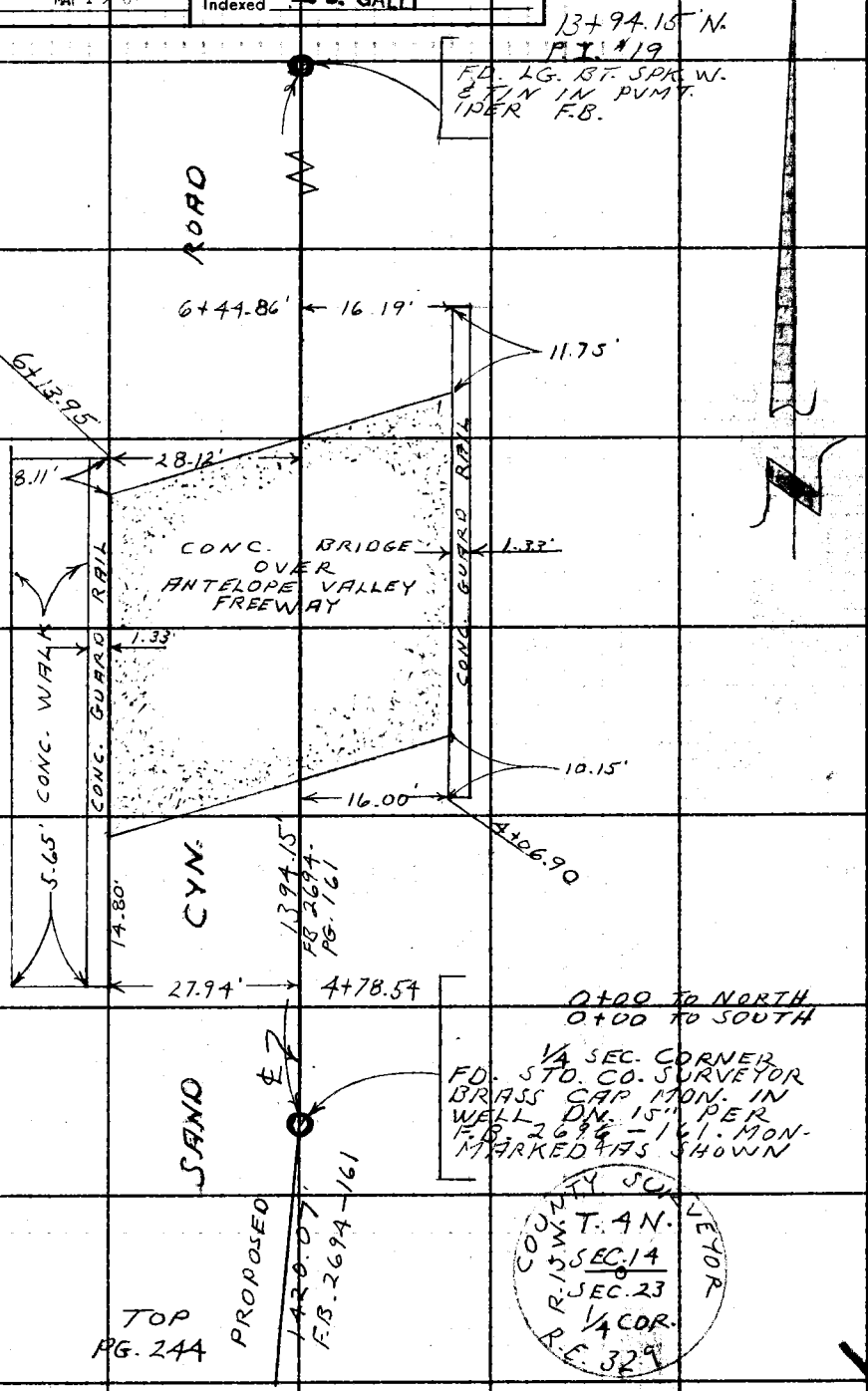
Notes Ck'd by J. A. CHURCH	Survey of SAND CYN. ROAD	F. B. 2694 PG. 243
Map No. B3030	JN 0075.64 Tape 169 Std 84 °F	
Office Work G. LUDVICKSON	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 11-28-66	
Date MAY 15 '67	Indexed E. J. GALLI	



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76F309S CE # 310 3-61

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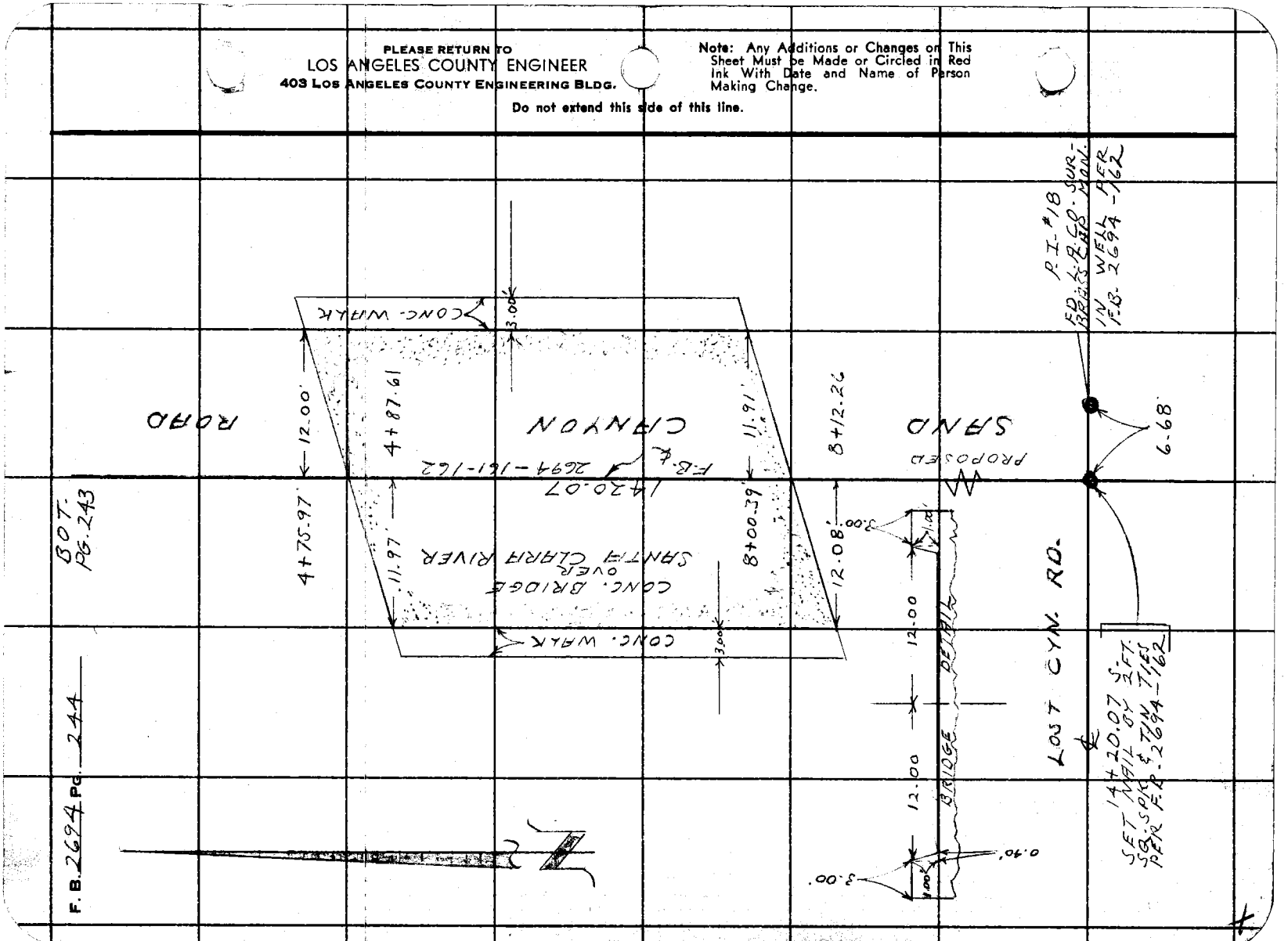

Notes Ck'd by H.J. AMBERS	Survey of SAND CYN. RD.
Map No. B 3030	JN 0075-64 Tape 157 Std 84°F
Office Work M. HAMASU	Surveyed by L. V. SMITH
Checked H.J. AMBERS	Notes L. V. SMITH Date 7-68
Date NOV 14 68	Indexed D. J. GALLI SEP 23 68

F.B. 2694 Pg. 245

SAND CANYON ROAD

J.N. 0075.64

SURVEY TO ESTABLISH NEW P.I. 3-B - 4-B & 5-A ON PROPOSED ℄ OF SAND CANYON ROAD

SEPT. 1968

PARTY
L. V. SMITH
T. C. PETERSON
B. R. JACKSON
J. F. MONDEZ
R. G. BLANCHARD

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787088 CK #310 8-68

F.B. 2694 Pg. 246

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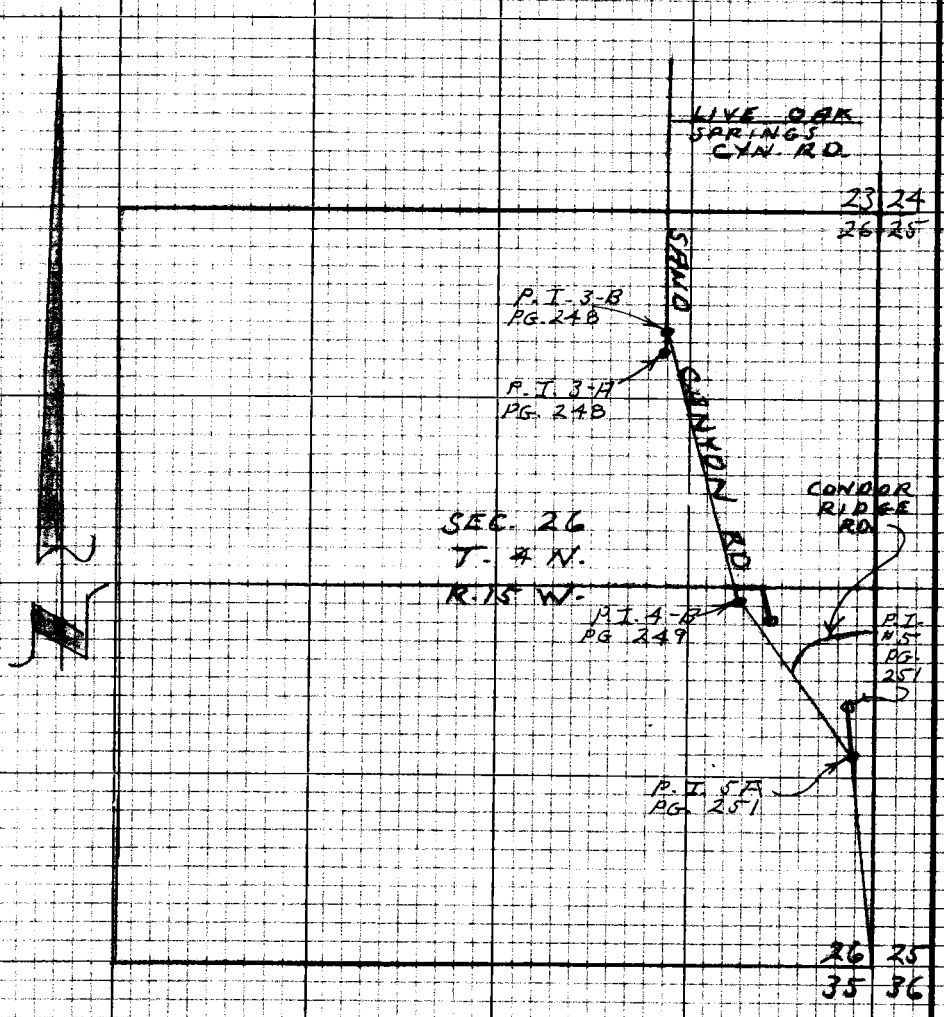

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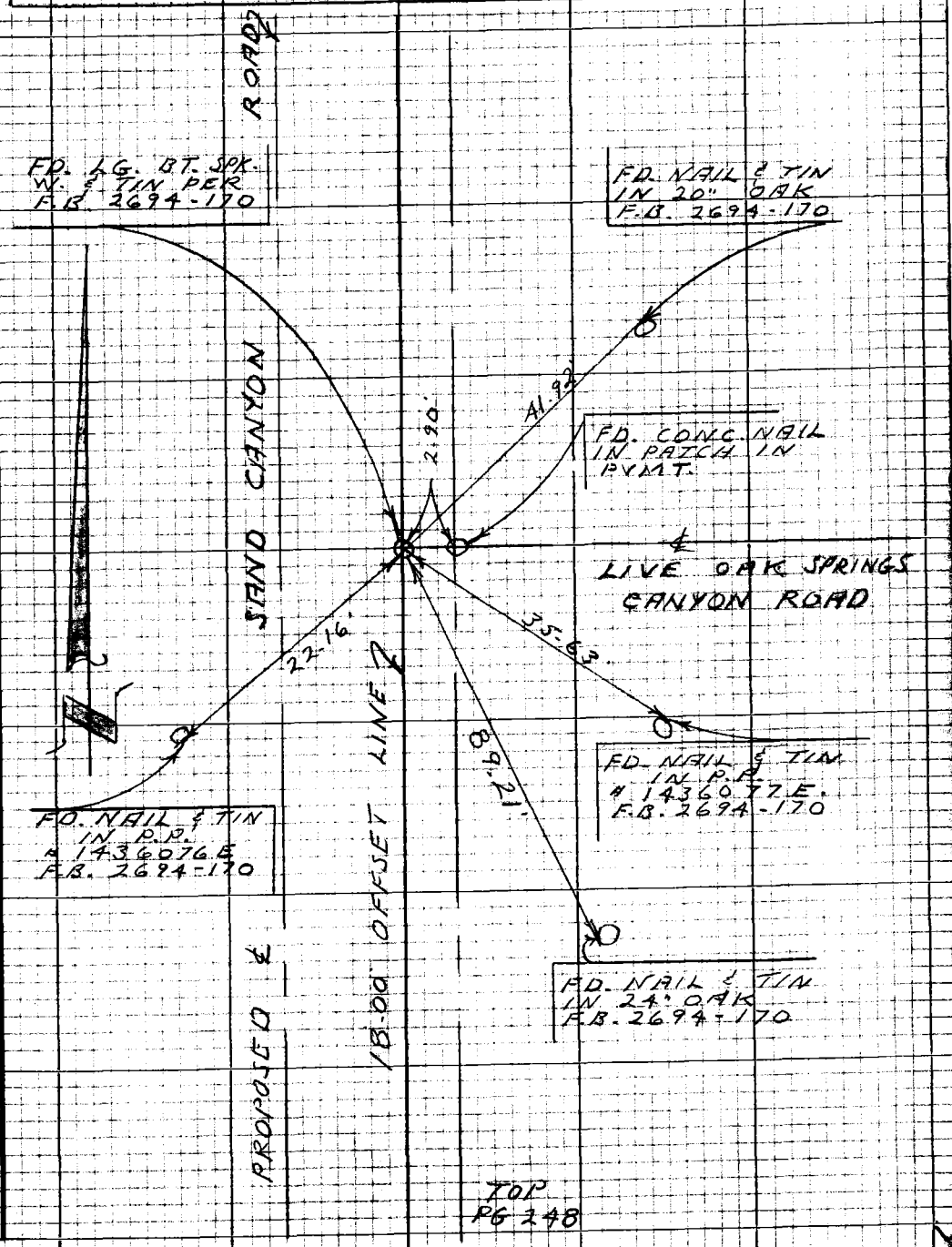
Notes Ck'd by H. J. AMBERS	Survey of SAND CYN. RD.	F.B. 2694 Pg. 247
Map No. B 3030	JN0075-64 Tape 157 Std 84 °F	
Office Work M. HAMASU	Surveyed by L. V. SMITH	
Checked H. J. AMBERS	Notes L. V. SMITH Date SEPT 68	
Date MAY 14 69	Indexed C. J. GALLI SEP 23	



TOP PG 248

W.S. 62, D-2

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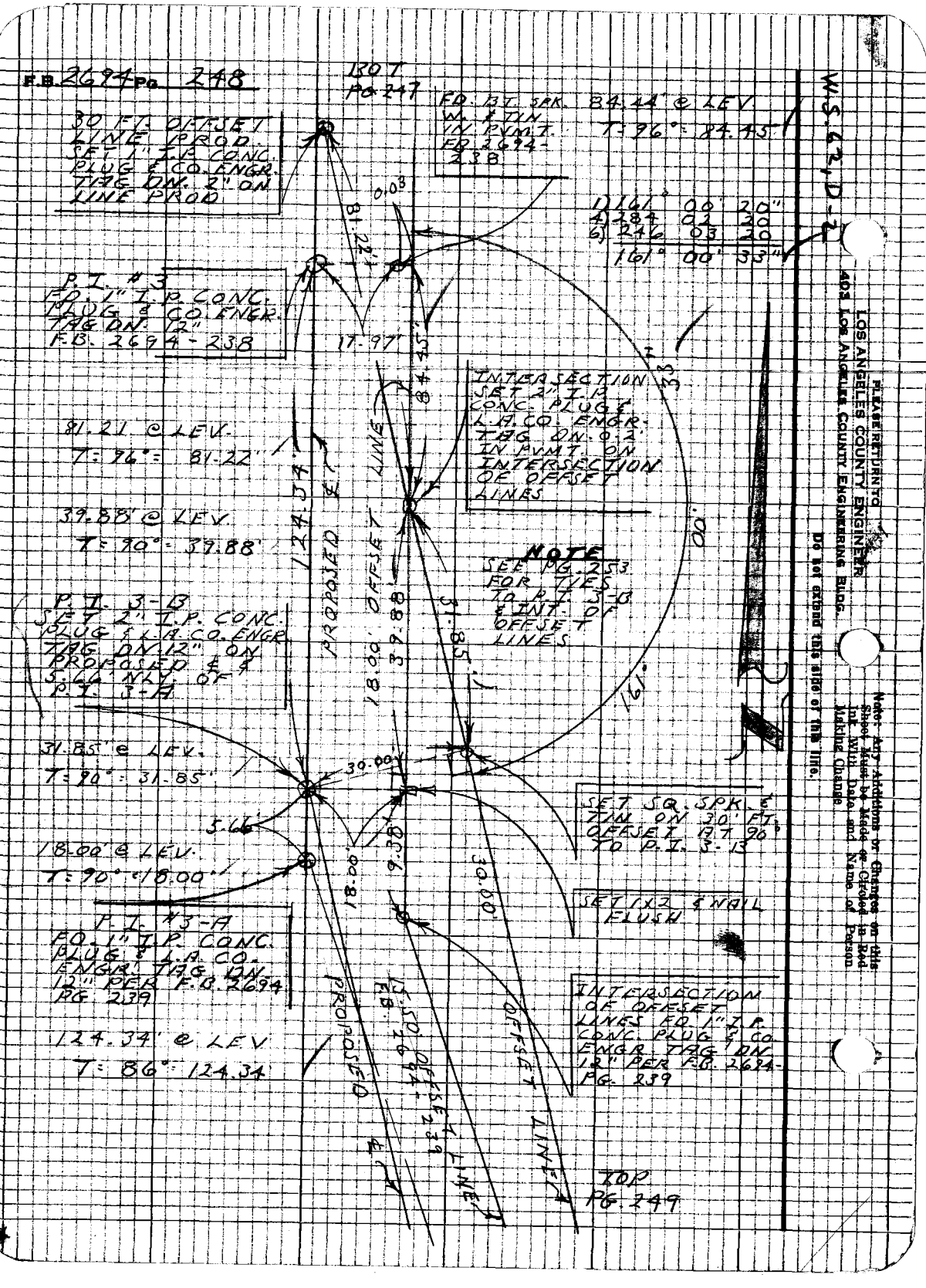
76P309S CE #310 8-66


F.B. 2694 Pg. 248
BOT PG. 247
30 FT. OFFSET LINE PROD. SET 1" I.P. CONC. PLUG & CO. ENGR. TAG DN. 2" ON LINE PROD
FD. BT. SPK. W. & TIN IN PVMT. FB 2694-238
84.44' @ LEV. T=96°=84.45'
1) 161° 00' 20"
4) 284 02 20
6) 246 03 20
161° 00' 33"
W.S. 62, D-2
0.03
81.22'
P.I. #3 FD. 1" I.P. CONC. PLUG & CO. ENGR. TAG DN. 12" F.B. 2694-238
17.97'
84.45'
INTERSECTION SET 2" I.P. CONC. PLUG & L.A. CO. ENGR. TAG DN. 0.2' IN PVMT. ON INTERSECTION OF OFFSET LINES
81.21' @ LEV. T=96°=81.22'
39.88' @ LEV. T=90°=39.88'
124.34'
PROPOSED ℄
18.00' OFFSET LINE
39.88'
31.85'
NOTE SEE PG. 253 FOR TIES TO P.I. 3-B & INT. OF OFFSET LINES
P.I. 3-B SET 2" I.P. CONC. PLUG & L.A. CO. ENGR. TAG DN. 12" ON PROPOSED ℄ & 5.66' NLY. OF P.I. 3-A
31.85' @ LEV. T=90°=31.85'
30.00'
5.66'
18.00' @ LEV. T=90°=18.00'
18.00'
9.38'
30.00'
SET SQ. SPK. & TIN ON 30' FT. OFFSET AT 90° TO P.I. 3-B
SET 1X2 & NAIL FLUSH
P.I. #3-A FD. 1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG DN. 12" PER F.B. 2694 PG. 239
124.34' @ LEV. T=86°=124.34
PROPOSED ℄
15.50' OFFSET LINE F.B. 2694-239
OFFSET LINE
INTERSECTION OF OFFSET LINES FD. 1" I.P. CONC. PLUG & CO. ENGR. TAG DN. 12" PER F.B. 2694-PG. 239
TOP PG. 249
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Notes Ck'd by H.J. AMBERS
Map No. B 3030
Office Work M. HAMASU
Checked H.J. AMBERS
Date MAY 14 '69

Survey of SAND CYN. ROAD
IN 00 ZI-69 Type LS-7 Std. 34'-1"
Surveyed by L.V. SMITH
Notes L.V. SMITH Date FEB 2-68
Indexed H.J. AMBERS

F.B. 2694 Pg. 249

SEC 26
T. 4 N.
R 15 W

W.S. 62, D-3

BOT.
PG. 248

28.66' @ LEV
T: 78°: 28.66'

49.04' @ LEV.
T: 78°: 49.04'

INTERSECTION EXISTING & FD. AT SPK. FLUSH PER F.B. 2694-179

NOTE
SEE PG. 254 FOR TIES TO P.I. 4-B INT. OF OFFSET LINES

FD. 1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG PER F.B. 2694-180

16.02' @ LEV.
T: 80°: 16.02'

PROPOSED

30.00' OFFSET

SET 1X2 ENAIL

1/4 SEC

LINE 28.66'

30.00'

49.04'

SET 1X2 & NAIL

24.34'

16.02'

SET 1X2 ENAIL

50

30.00'

SET 1X2 ENAIL

FD. 1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG FLUSH PER F.B. 2694-180

156°

08'

SAND CANYON ROAD

P.I. 4-B
SET 2" I.P. CONC. PLUG & L.A. CO. ENGR. TAG ON 8"

D	156°	08' 30"
4	267	51 50
6	210	50 10
	156°	08 27"

INTERSECTION OF OFFSET LINES SET 1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG ON 6" CRIMP (LEANING ELY.)

48.17' @ LEV.
T: 78°: 48.17'

37.43' @ LEV.
T: 78°: 37.43'

24.34' @ LEV.
T: 80°: 24.34'

30.00' @ LEV.
T: 80°: 30.00'

TOP
PG. 250

PROPOSED

OFFSET

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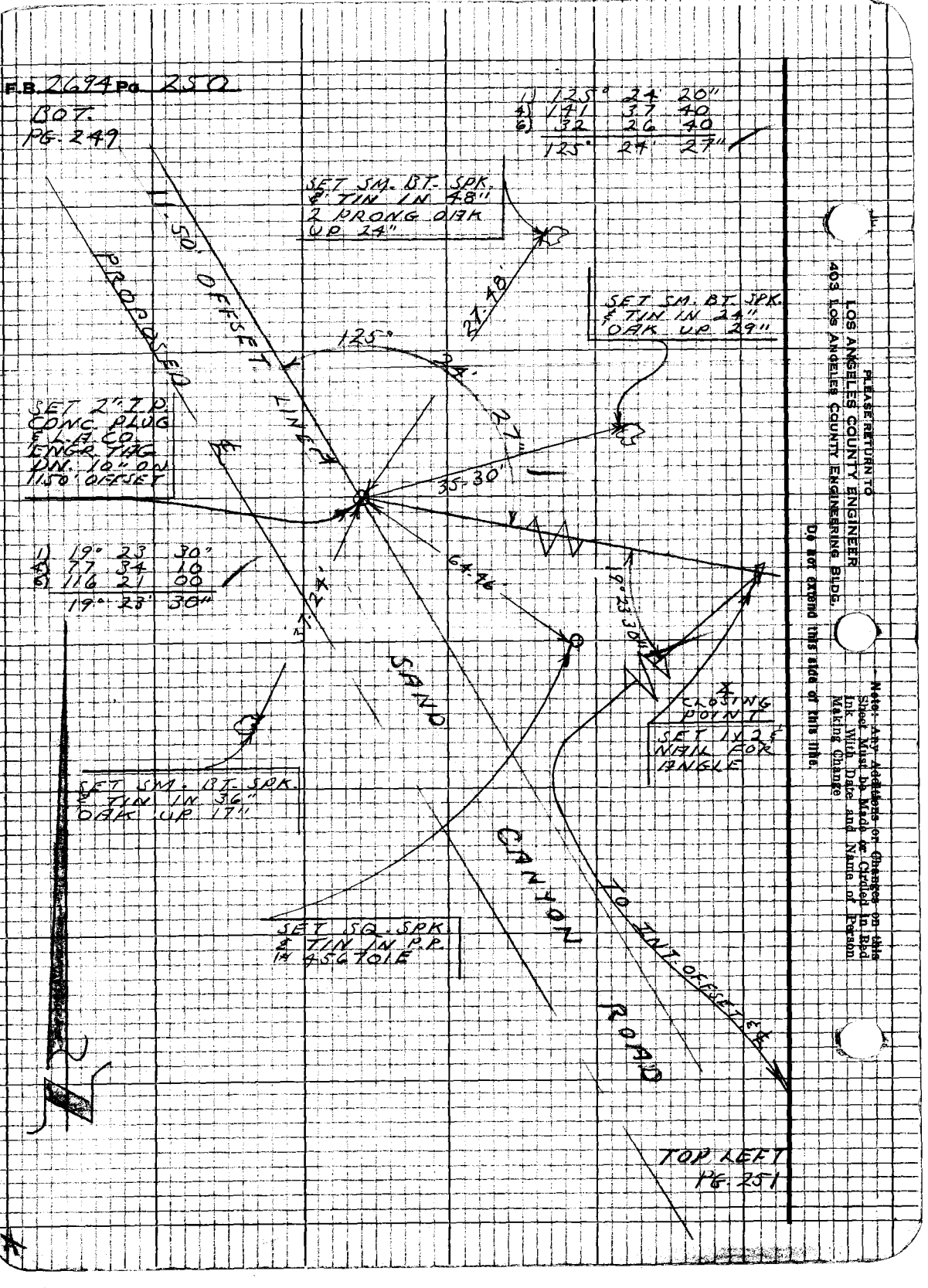
7673DGS (CK #310 8-68)

F.B. 2694 Pg. 250

BOT.
PG. 249



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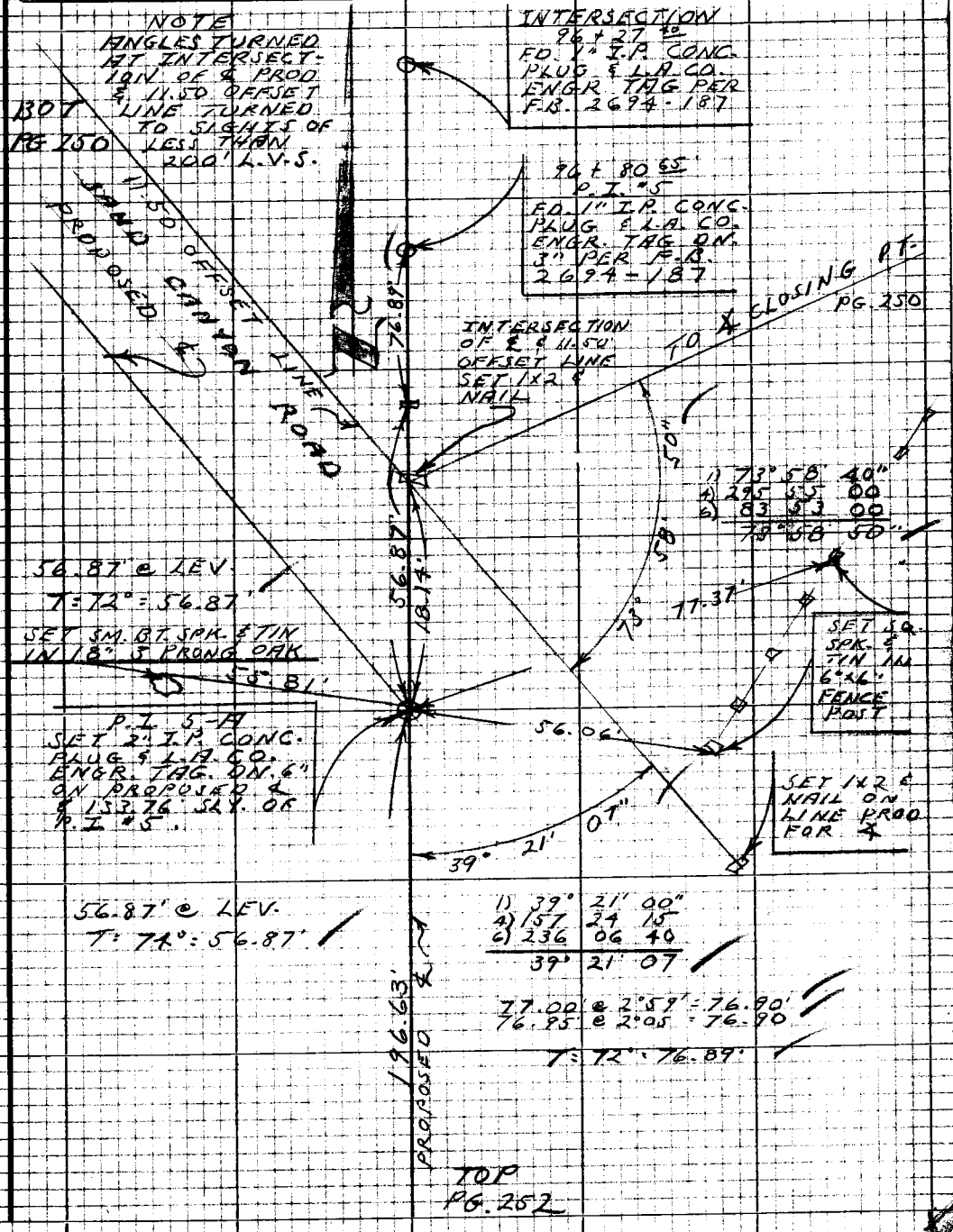
Note: Any Additions or Changes on this Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by H.J. AMBERG	Survey of SAND CYN. ROAD
Map No. B 3030	IN 0075.64 Tape 157 Std 84°F
Office Work M. HAMASU	Surveyed by L.V. SMITH
Checked H.J. AMBERG	Notes L.V. SMITH Date 9-68
Date NOV 14 '69	Indexed [illegible]

F.B. 2694 Pg. 251



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Do not extend this side of this line.

76P3098 CK #810 8-66

F.B. 2694 Pg. 252

CONT.
BOT. PG. 251

197.27' @ 4°37' = 196.63'
197.36' @ 4°51' = 196.65' = 196.64
T = 78' = 196.63

196.63

100 + 11.06
FD. 1x2 & NAIL
REPLACED 1x2
WITH 2" I.P. CONC.
PLUG & L.A. CO.
ENGR. TAG FLUSH

SAND CANYON ROAD
PROPOSED ℄

102 + 26.88
FD. 1x2 & NAIL
REPLACED 1x2
WITH 2" I.P. CONC.
PLUG & L.A. CO. ENGR.
TAG FLUSH

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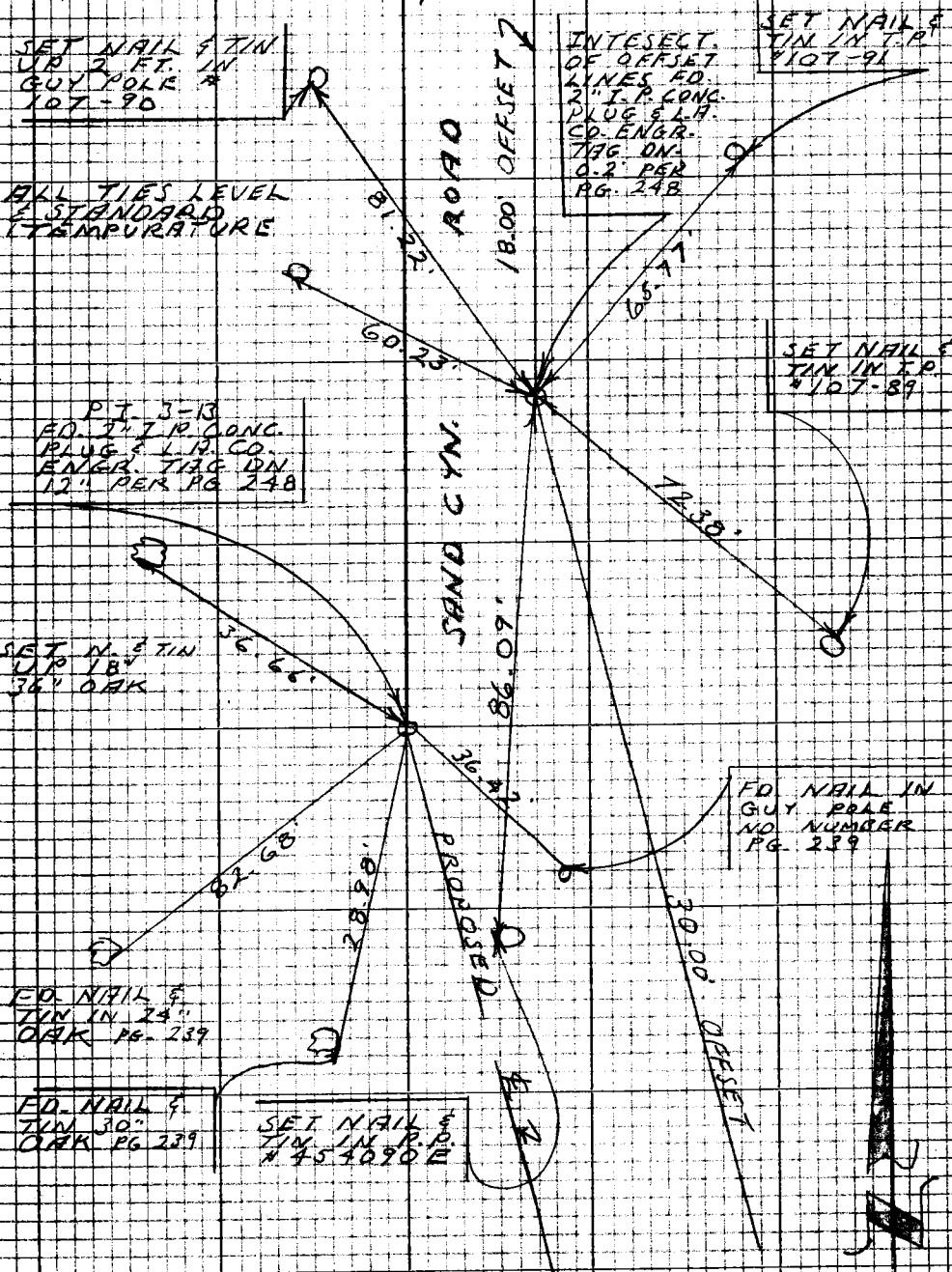
Notes Ck'd by H. J. AMBERS	Survey of SAND CYN. RO	F.B. 2694 Pg. 253
Map No. B 3030	JN 0075-64 Tape 157 Std 84°F	
Office Work M. HAMASU	Surveyed by L. V. SMITH	
Checked H. J. AMBERS	Notes L. V. SMITH Date 7-68	
Date NOV 14 '69	Indexed J. J. GAITT	

TIES TO P.T. 3-13 & INTERSECTION OF OFFSETS



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W.S. 62, D-2

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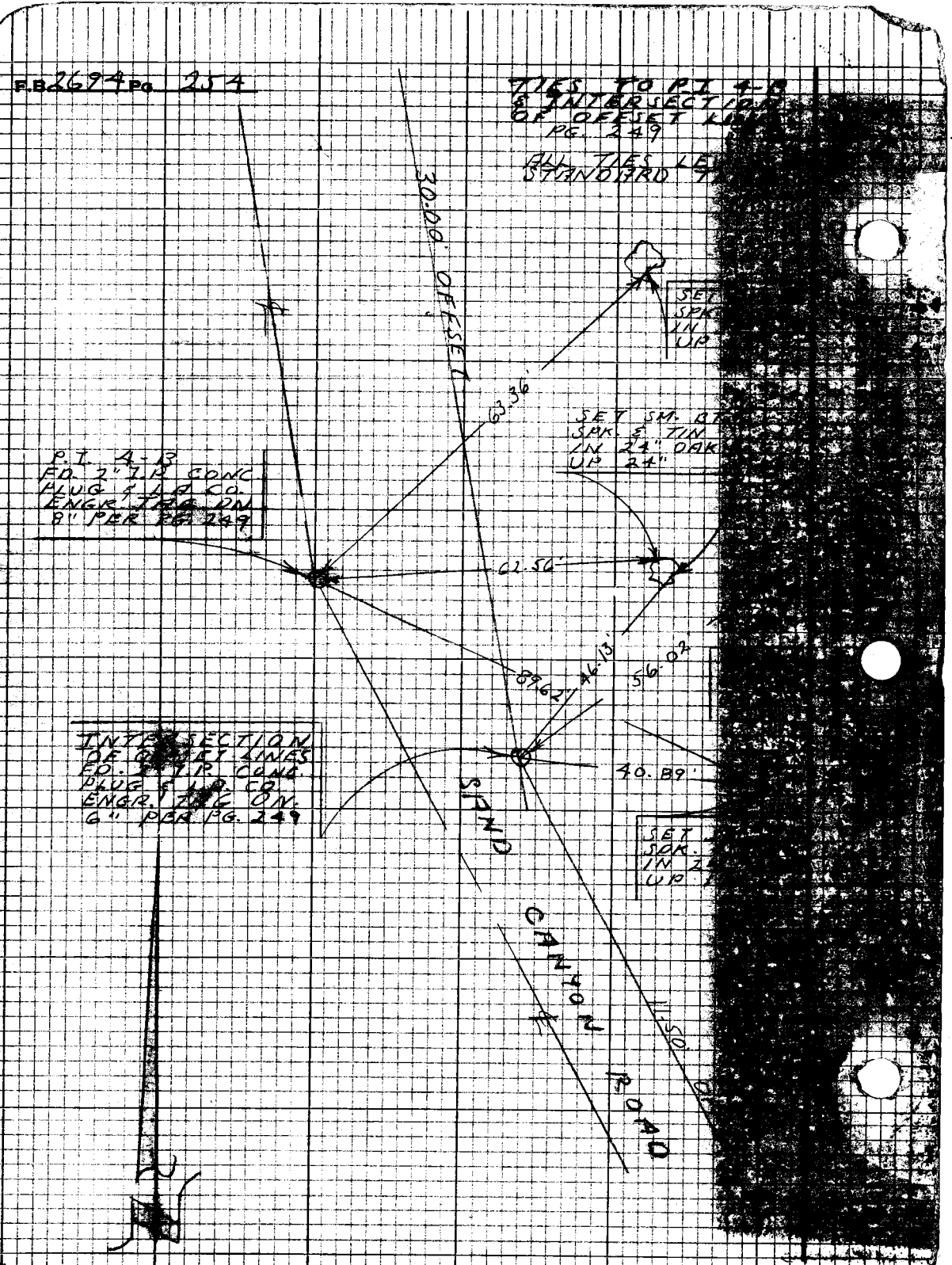
F.B. 2694 PG. 254
TIES TO P.I. 4-B
& INTERSECTION
OF OFFSET LI
PG. 249
ALL TIES LE
STANDARD T
30.00' OFFSET
63.36'
SET SM. BT
SPK. & TIN
IN 24" OAK
UP 24"
P.I. 4-B
FD. 2" I.P. CONC.
PLUG & L.A. CO.
ENGR. TAG ON
8" PER PG. 249
62.56'
89.62'
46.13'
56.02'
40.89'
INTERSECTION
OF OFFSET LINES
FD. 2" I.P. CONC.
PLUG & L.A. CO.
ENGR. TAG ON
6" PER PG. 249
SAND
CANYON
ROAD
11.50'