Ck'd by

Survey of

JN Tape Std °F

Surveyed by

Notes Date

Indexed

F.B. 2643 Pg.

	Job	Description
		BIG ROCK CREEK ROAD 0933.33
	Index	Index to "P" Line stations.
	"P" Line	From San Gabriel Cyn. Rd. to Fenner Cyn. to Big Rock Creek.
	C.L.	Retracement of Big Rock Creek Rd. from P.I. 86 to P.I. 90.
6	Base Line	Base Line measurement for triangulation & line bet. Sec. 36/31, T4N R8 & 9W.
4	Triang.	Retrace traingulation stations for orig. Big Rock Creek survey in Fenner Cyn. (1941).
8	Topog.	Sec. 36/31, T4N R8 & 9W random line for topog. calls.
9	Prof.	Profile of "P" Line in Fenner Cyn. for Aerial Photo Check.
2	X-sec.	X-sec. for check on aerial topog. at P-1, P-14, P-28 & P-43.
	Chk.	Horizontal distance to indicate points along a slant line out from P-55.
	Elev.	Vertical angle levels on the above line.
13	C.L.	Final C.L. from San Gabriel Cyn. Rd. at Fenner Cyn. W'ly 2 miles to Big Rock Creek.
-176	Contr.	Control for photogrammetry.
177-182	B.M.	Bench levels.

Microfilmed May 85

(over)

F.B. 2643 Pg.

Page	Job	Description
183-202	Photo Ck.	Aerial Photo Ck.

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Notes Ck'd by	Survey of BIG ROCK CREEK ROAD
Map No.	W.O. 0933.33 Tape No. 138 Std. 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C. Date 4-4-60
Date	Indexed K. O. Johnson 6-3-60

F. B. 2643 Pg. 5

BIG ROCK CREEK RD.

FB-2643

JN 0933.33 APRIL-60

REFERENCE	PARTY
FB 2214 - 17 to 46	W.S. COWHERD
FB 1882 - 27 to 98	J. TERRANOVA
FB 905 - 91, 95,	R. GILFOY
	R. STRADER
	K. ST. JOHN

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76F3098 247 10M 1-49

F. B. 2493 Pg. 6

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7	INDEX MAP
9-28	P-LINE FROM SAN GABRIEL CANYON ROAD AT HEAD OF FENNER CANYON WLY. TO BIG ROCK CREEK
29-31	RETRACEMENT OF BIG ROCK CREEK ROAD FROM PI #86 - PI #90 PER FB 905 pg. 91 to 95
32-36	BASE LINE CHAINING FOR △ NET IN FENNER CYN. & USE OF SAME BASE LINE & △ NET IN CALC. OF DISTANCES ON SECTION LINE BETWEEN SEC. 36 T.4N. R.9W. & SEC. 31 T.4N. R.8W.
37-44	△ TRIANGULATION STATIONS IN FENNER CYN. USED TO MAKE TIE TO ORIGINAL BIG ROCK CREEK ROAD SURVEY-1941-PER FB 905 JN 8292 BY ROSECRANS
45-48	RANDOM LINE BETWEEN N.E. & S.E. SEC. CORS. OF SEC. 36 T.4N. R.9W. & CHECK ON GOVN. CALLS PER. CS 9159-39

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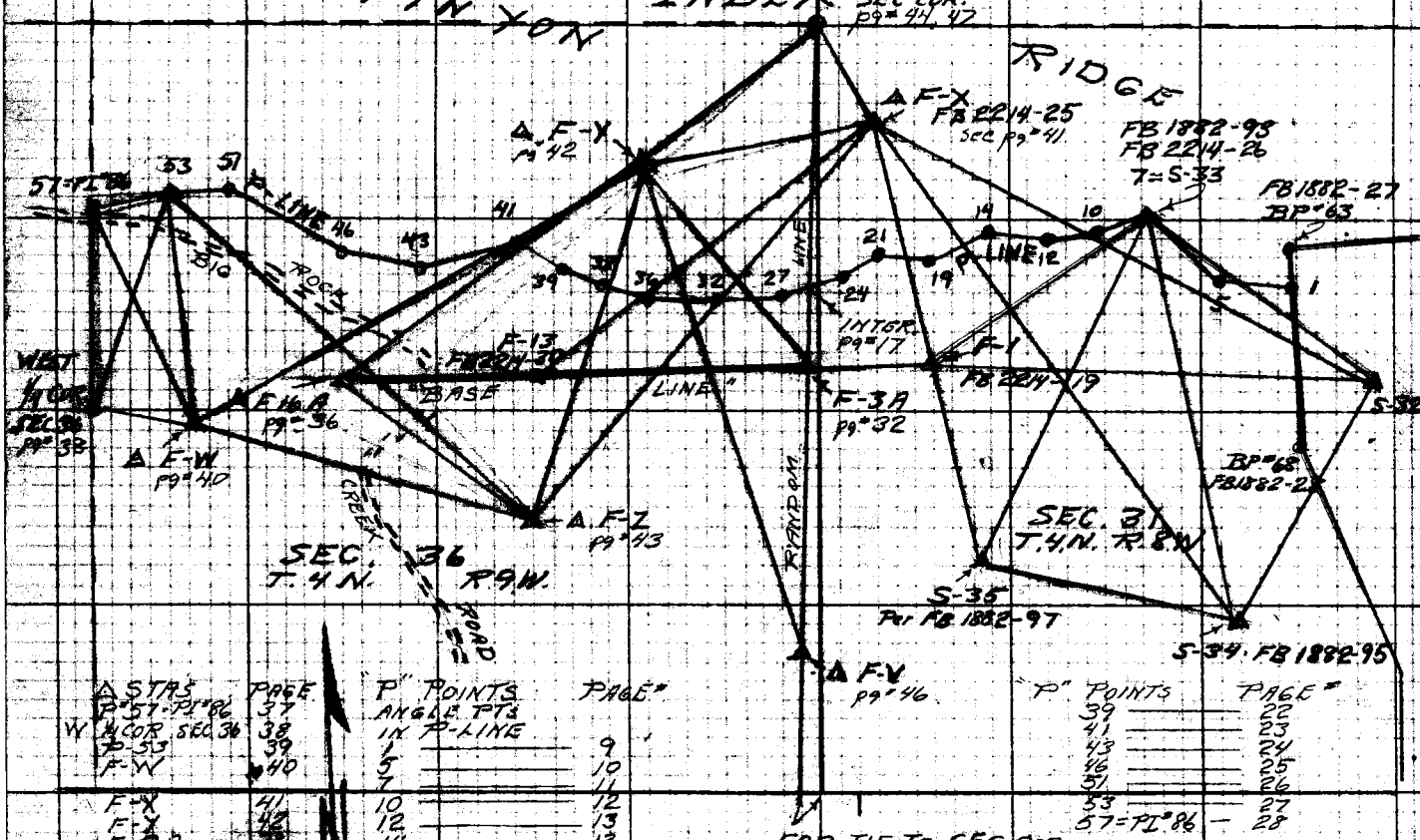
PINYON INDEX



Δ STA'S	PAGE
P-57=PI=86	37
W ¼ COR SEC 36	38
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"P" POINTS ANGLE PTS IN P-LINE	PAGE"
1	9
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"P" POINTS	PAGE"
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57=PI"86	28

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

Survey of THE PINON CREEK RD
W. Of Sta 53 to Sta 57
Surveyed by W.S. Cameron Jr. Chief of Party
Notes _____ Date 4-1-60
Indexed W. C. Johnson

F. B. 2643 Pg. 7

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F. B. 2643 Pg. 8

Notes Ck'd by N. E. AUSTIN	Survey of BIG ROCK CK RD.
Map No.	W. O. [illegible] Tape No. 138 Std. 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W.J.C. Date 4-4-60
Date	Indexed R. C. Johnson 6-3-60

F. B. 2643 Pg. 9

P-LINE

12	145	01	40
14	290	03	20
11	75	05	00
	72	30	50

BP #63
Fd 3/4" I.P. Conc. plug & cap TK up 2"
PER FB 1882-27

Tap Tg #10

N 78°15' W NAC
364.31

P-LINE
278.55

P#2 = 2+78.55
Set 1x2 flush on R&H. TRAIL

12° 30' 50"

281.80
323.73 PCC & MES.

P#1 = 0+00
TO WEST
Set 1x2 flush on side ridge

41.93

T-64°

52.29 @ 24-02 = 47.75
52.07 @ 23-30 = 47.74 47.74
239.54 @ 12-15 234.06
239.22 @ 11-54 = 234.05 234.06
281.80

BP #64
Fd 1x2
PER FB 1882-28

172.37 @ 1-27 T78 = 172.30
65.60 @ 4-10 T72 = 65.42
126.60 @ 0-0 T72 = 126.59
364.31

T-72°

291.64 @ 17-13 = 278.55 = 278.55
291.98 @ 17-26 = 278.55

41.93 @ 0-0 T-70 = 41.93

N 05° 30' W NAC
SAN GABRIEL CYN RD
"P-LINE"

BP #68
Fd 3/4" IP & Conc. Plug & cap TK
FB 1882-[illegible]

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76F3098 247 10M 1-48

F. B 2643 Pg. 10

LT Pg # 9

P-LINE 364.31

P#3 = 6+42.86
Set 1x2 Flush
side spur

118.55 @ 4-04 T-78 = 118.25

926.55
N 78° 15' 44" 118.25

166.84 @ 7-25 T 80 = 165.44

P#4 = 7+61.11
Set 1x2 Flush
side ridge

(2) 332 09 20
(4) 304 18 40
(6) 276 28 00
166 04 40

40'
04'
166'

165.44

P#5 = 9+26.55
Set 1x2 Flush
side of ridge

N 64° 00' W
53.43

T-76
55.25 @ 14-45 = 53.43

Top Pg # 11

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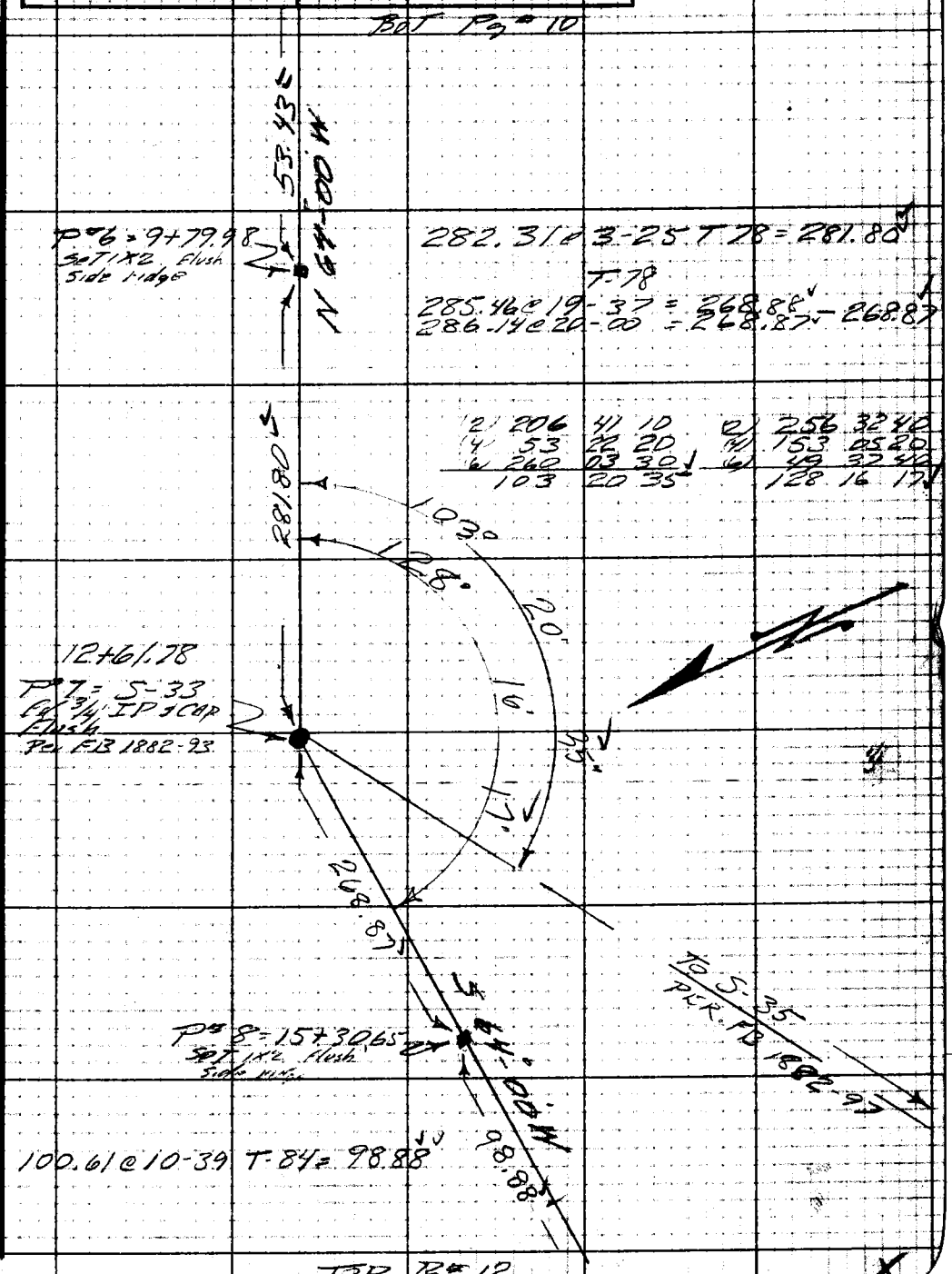
Map No.	W. O. 093333 Tape No. 138 St'd 84 °F
Office Work	Surveyed by W. S. COWNERD
Checked	Notes WSC Date 9-4-60
Date	Indexed [illegible]

F. B 2693 Pg. 11

BOT Pg # 10



TOP Pg # 12

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76F3098 247 10M 1-49

BoT Pg # 11

F. B. 2643 PG. 12

113.16 @ 11-18 T80 = 110.97

S 64°-00' W mag

98.88

P#9 = 16+29.53
Set 1x2 flush
on side ridge

110.97

42°

(2) 278 45 20
(4) 197 30 50
6 116 16 10
139 22 42

22°

17+40.50

P#10
Set 1x2 flush
on side ridge

139°

235.27

235.94 @ 4-20 T82 = 235.27

62.98 @ 6-26 T80 = 62.58

N 75°-00' W mag

P#11 = 19+75.77
Set 1x2 flush
side ridge

62.58

Top Pg # 13

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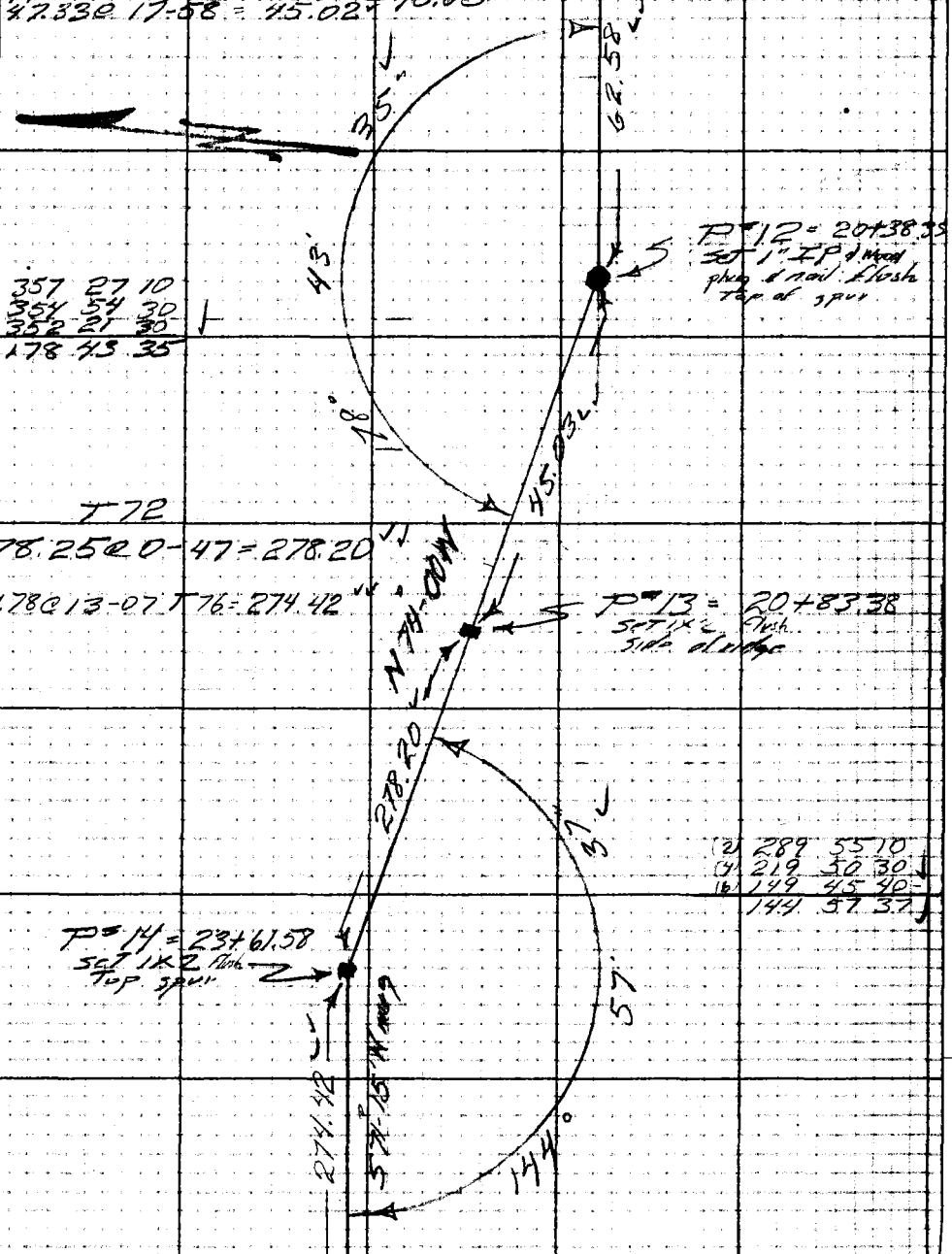
Map No.	W. O. 0933.33 Tape No. 138 Std. 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W.S.C. Date 4-6-60
Date	Indexed A. C. Johnson

F. B. 2643 Pg. 13

BOT Pg #12

T-74

47.18 @ 17-22 = 45.03
47.33 @ 17-58 = 45.02 = 45.03



P #12 = 20+38.35
Set 1" IP & wood plug & nail flush top of spur

(2) 357 27 10
(4) 354 54 30
(6) 352 21 30
178 43 35

T 72

278.25 @ 0-47 = 278.20

281.78 @ 13-07 T 76 = 274.42

P #13 = 20+83.38
Set 1x2 flush side of ridge

(2) 289 55 10
(4) 219 50 30
(6) 149 45 40
144 57 37

P #14 = 23+61.58
Set 1x2 flush top spur

Top Pg #14

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76F3095 247 10M 1-49

BOT Pg #13

F. B. 2643 PG. 14

168.65 @ 8-04 T 76 = 166.97 ✓✓

274.42

26+36.00

P#15
set 1x2 flush
sidge ridge

166.97

28+02.97

P#16
set N & Tin
in 8" OAK

S 71-15 W

52.58 @ 4-30 T 76 = 52.42 ✓✓

52.42

28+55.39

P#17
set 1x2 flush
on side ridge

199.43 @ 4-38 T 76 = 198.77 ✓✓

198.77

30+54.16

P#18
set 1x2 flush
side of ridge

37.46

Top Pg #15

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Map No.	W. O. 093333 Tape No. 138 St'd 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C. Date 4-7-60
Date	Indexed A. C. Johnson

F. B. 2643 Pg. 15

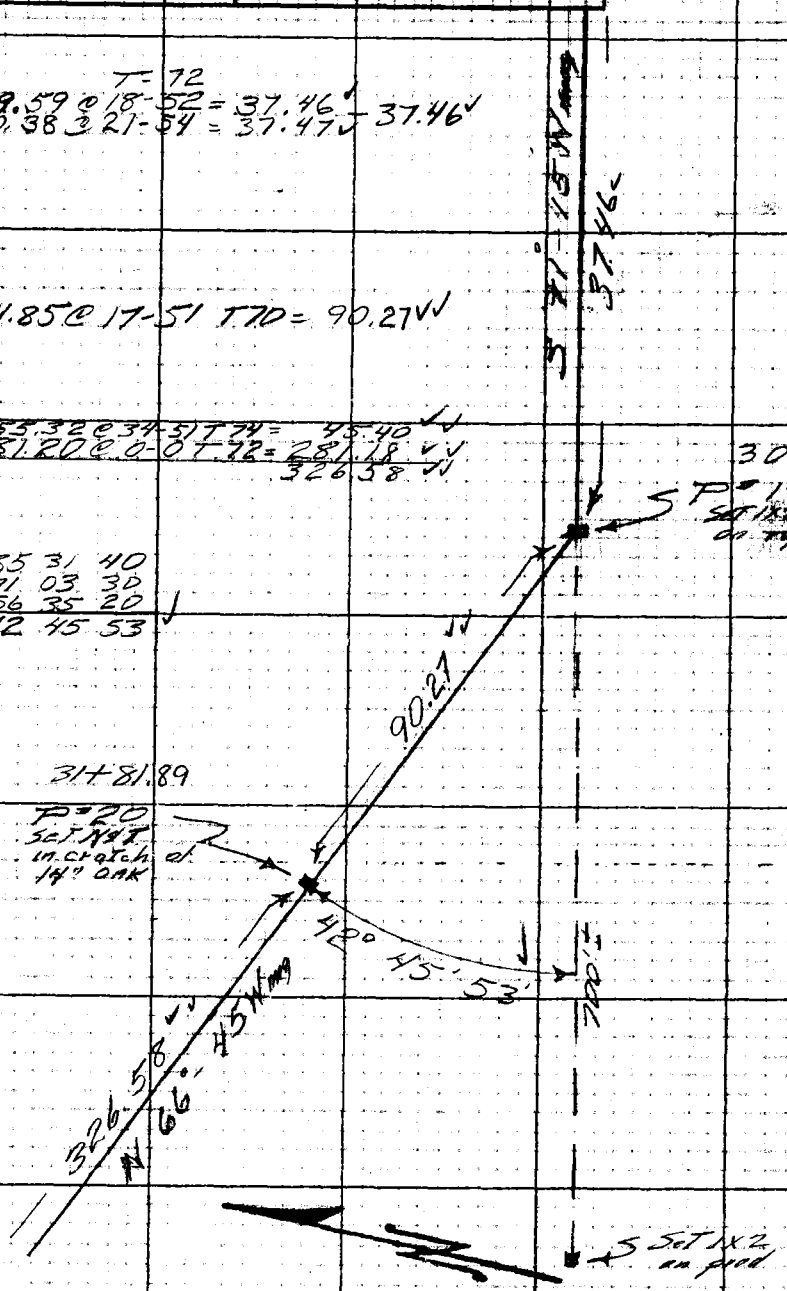
BOT Pg #14

T-72
39.59 @ 18-52 = 37.46
40.38 @ 21-54 = 37.47 — 37.46

94.85 @ 17-51 T70 = 90.27

55.32 @ 34-51 T74 = 45.40
281.20 @ 0-0 T72 = 281.18
326.58

2	85	31	40
4	171	03	30
6	256	35	20
	42	45	53



Top Pg #16

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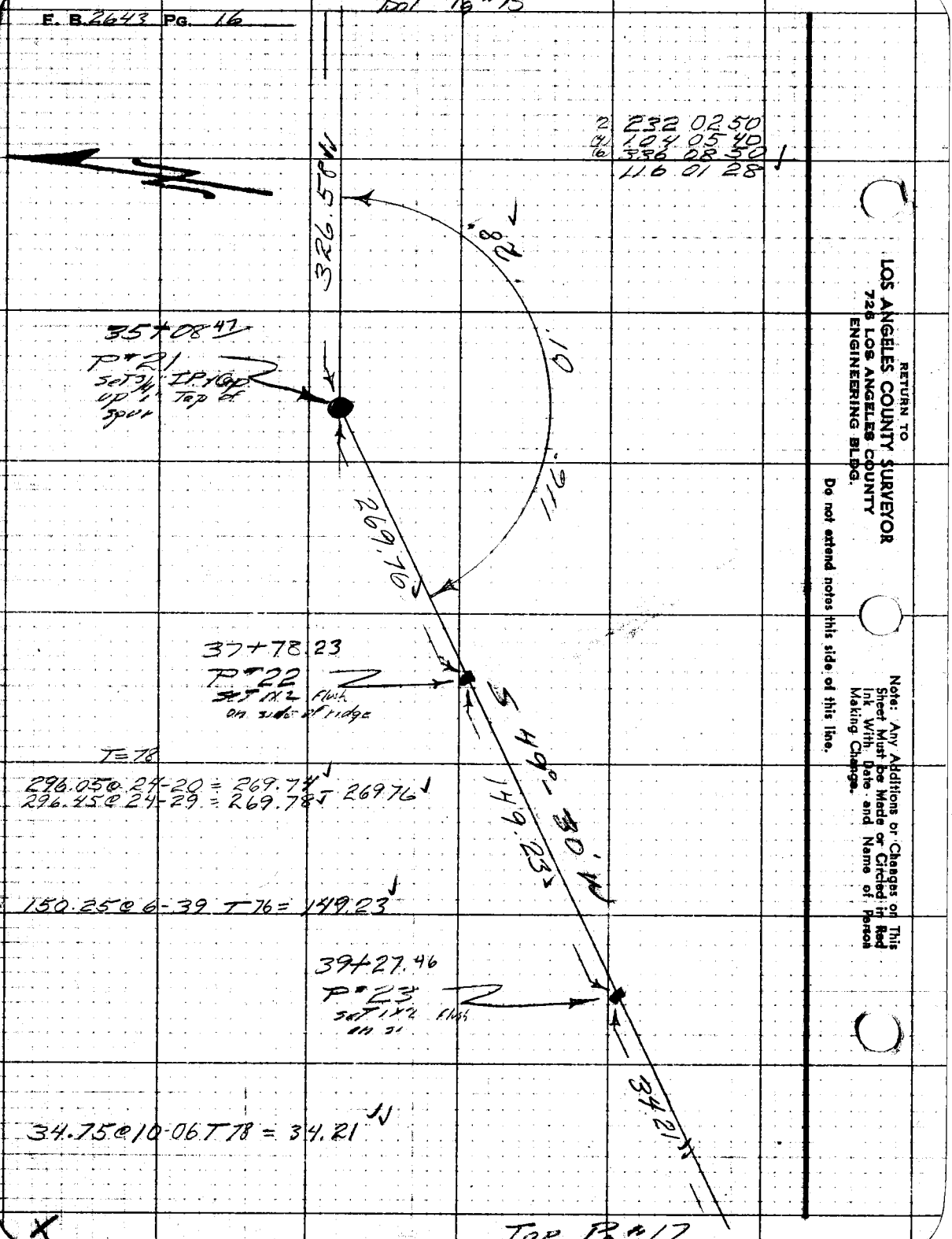
76F309B 247 10M 1-49

E. B. 2643 PG. 16

Bot P# 15



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Map No.	W. O. 093333 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by W.S. COWNERD
Checked	Notes W.S.C. Date 4-8-60
Date	Indexed K. C. Johnson

F. B. 2643 Pg. 17

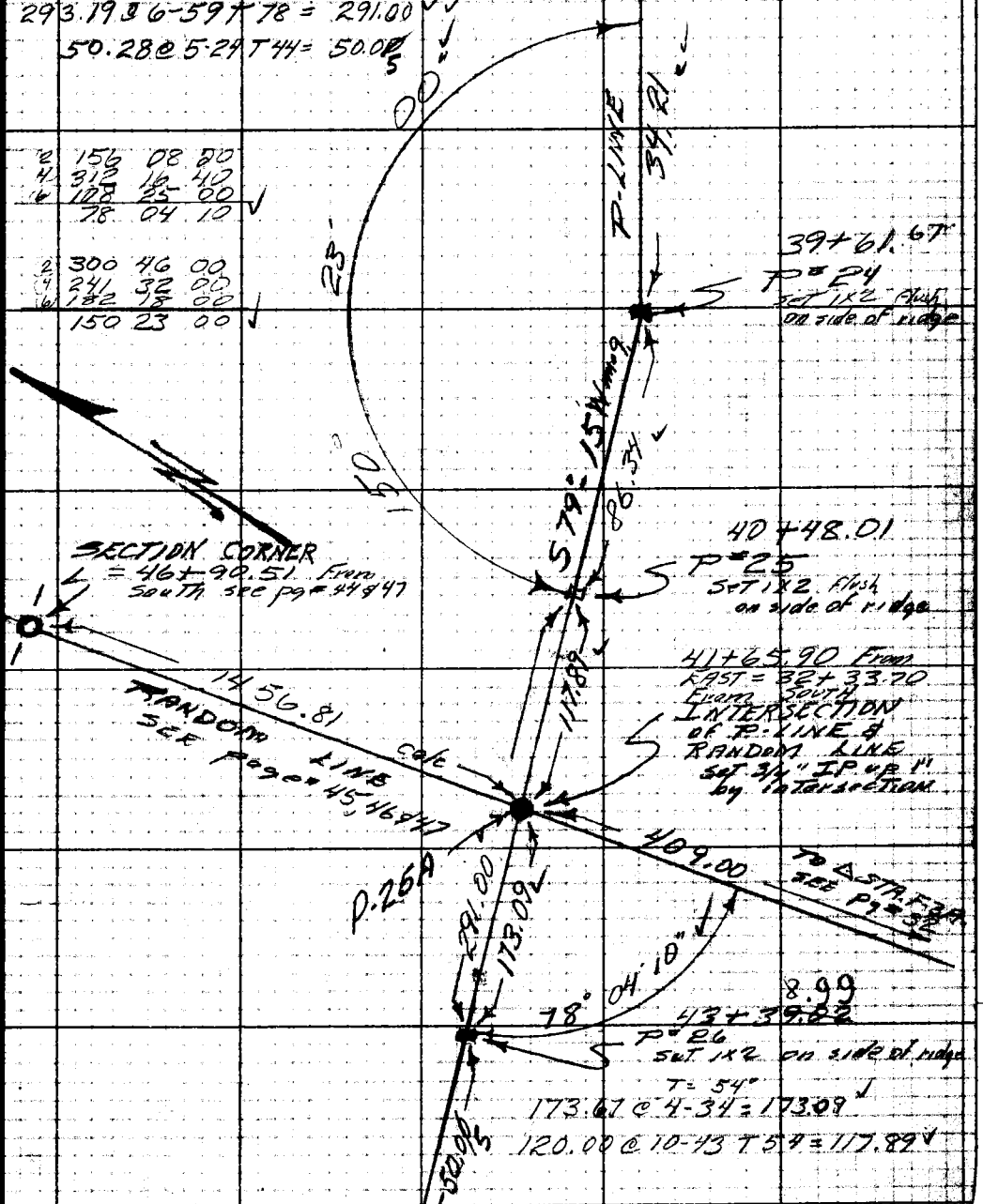
BOT Pg #16

W.S. 83, A-3

87.03 @ 7-14 T 78 = 86.34
293.19 @ 6-59 T 78 = 291.00
50.28 @ 5-24 T 44 = 50.00

2	156	08	20
4	312	16	40
6	108	25	00
	78	04	10

2	300	46	00
4	241	32	00
6	182	18	00
	150	23	00



Top Pg #18

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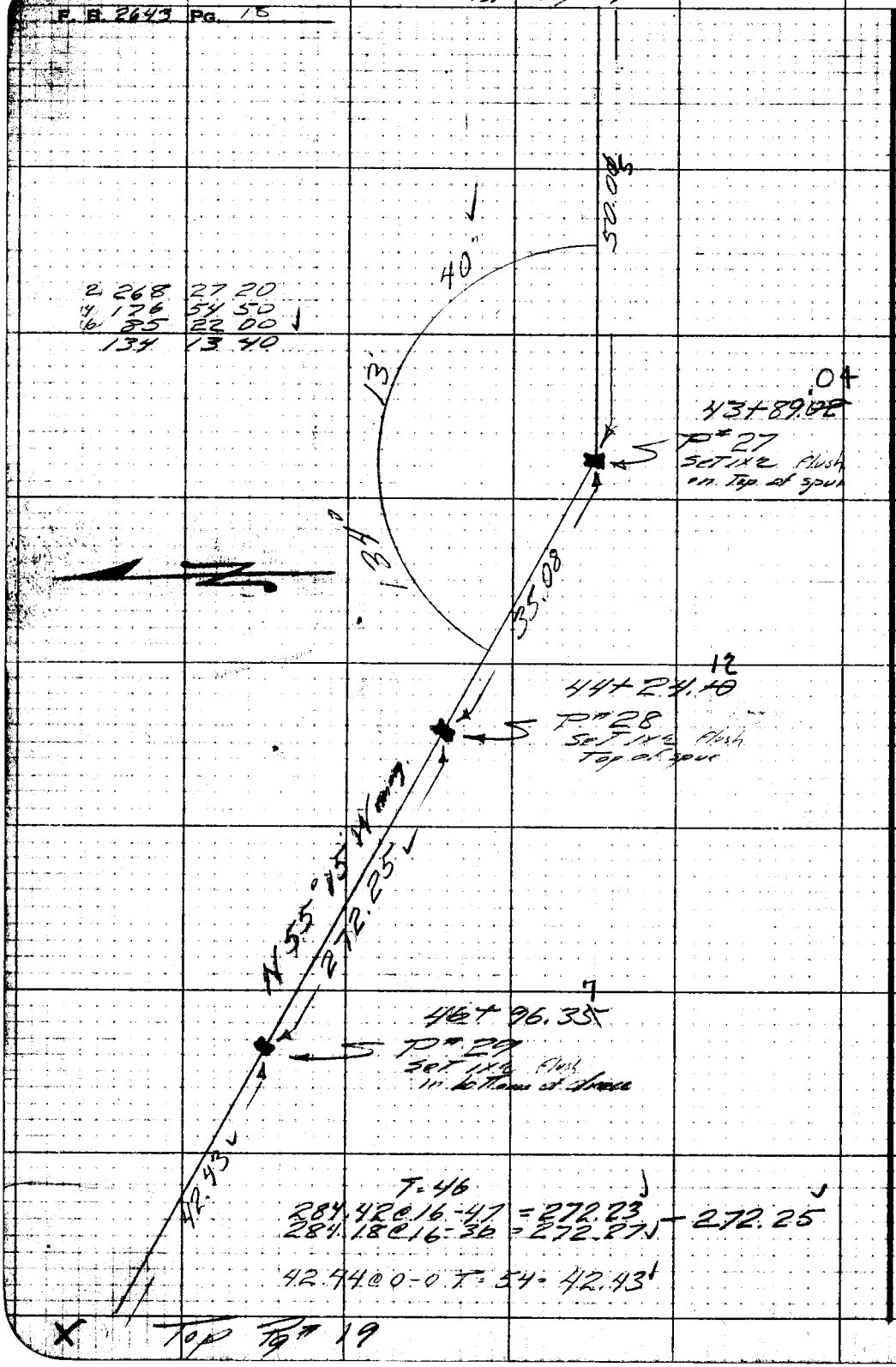
76F3098 247 10M 1-49

Bot Pg # 17



2	268	27	20
4	176	54	50
6	85	22	00
	134	13	40

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Map No.	JN 093333 Tape 138 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W.S.C. Date [redacted]	
Date	Indexed	

BOT Pg #18

T 58
298.76 @ 19-28 = 281.63 ✓
298.37 @ 19-15 = 281.64 ✓ 281.63 ✓

42.43

47+38.~~78~~ 80

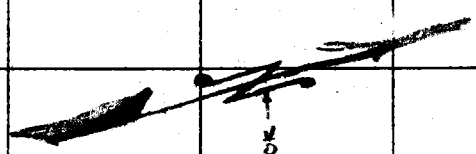
P #30
set 1x2 flush in bottom of draw

T = 50
64.43 @ 32-48 = 54.15 ✓
64.89 @ 33-25 = 54.15 ✓ 54.15 ✓

N 55° 15' W mag

281.63

15.24 @ 0-0 T 50 = 15.24



OK

43

50+20.~~44~~

P #31
set 1x2 flush on side of spur

(2)	203	43	10
(4)	47	26	20
(6)	251	09	40 ✓
	101	51	37

54.15

37'

51'

101°

picture indicated on wrong side
Sam Miller
10.3.61

37'

101° 51'

15.24

50+74.~~56~~ 58

P #32
set 3/4" IP & Cap up 1" Top of spur

15.24

Top of Pg #20

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FORMOSE GAE #247 1-56

BOT Pg #19

F. B. 2443 Pg. 20

T58
300.70@27-03 = 267.76
300.43@26-57 = 267.75 — 267.76

15.24

50+89 ~~80~~ 82
P #33
set 1x2 flush
West side - Top of spur

267.76

53+57.~~56~~ 50
P #34
set 1x2 flush
on side of draw

T 56
103.56@6-14 = 102.93
103.60@6-28 = 102.92 — 102.92
119.06@0-0 = 119.04 — 119.04
221.96

221.96
S 46°-30' W mag

55+79.58
P #35
set 1x2 flush
on side of ridge

T-56
111.11@14-52 = 107.37
111.22@15-05 = 107.37 — 107.37

107.37

Top Pg #21

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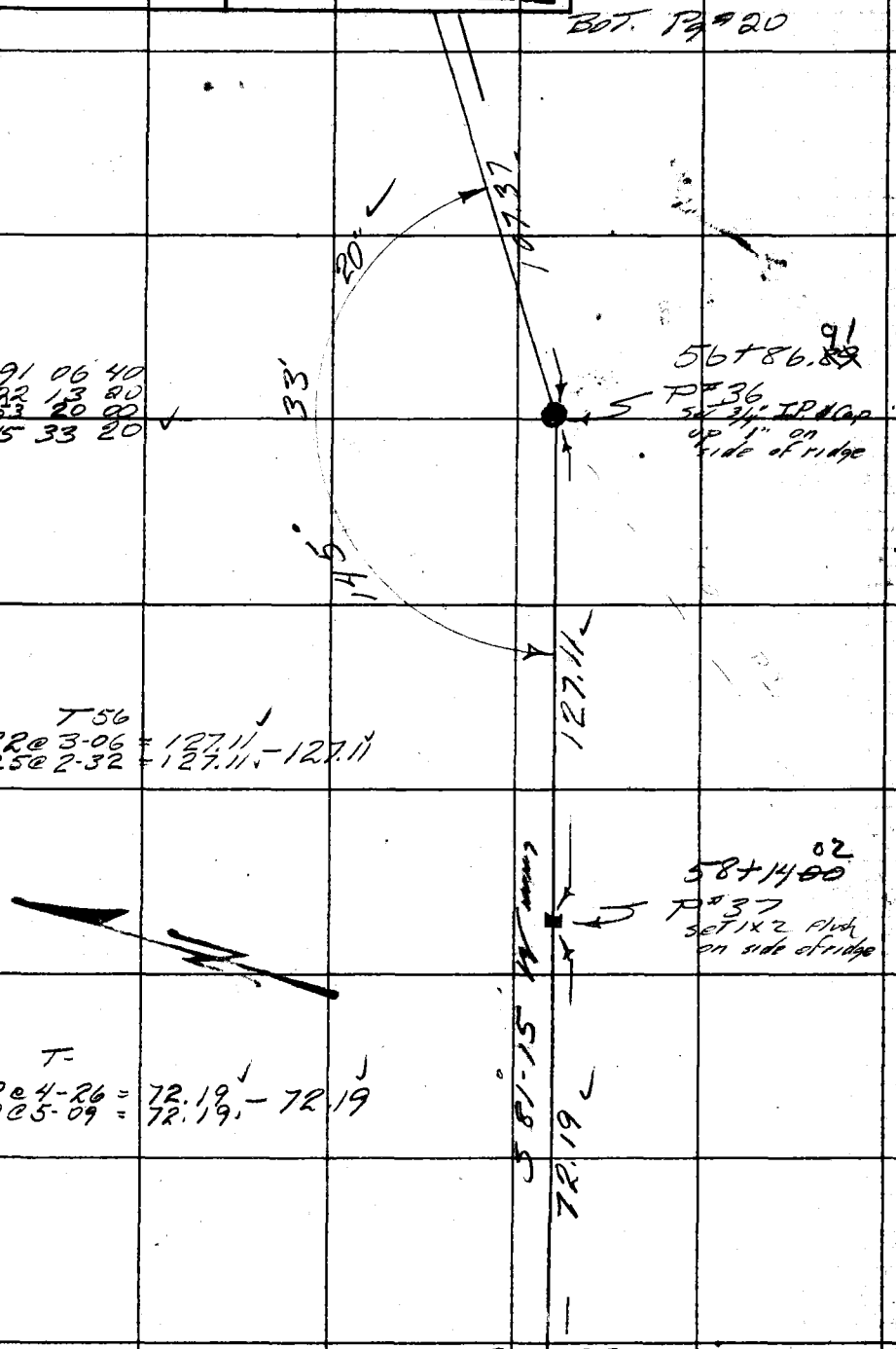
Map No.
Office Work
Checked
Date

Survey of BIG ROCK CREEK RD
JN 0999.33 Tape 138 Std 84 °F
Surveyed by W.S. COWHERD
Notes W.S.C. Date
Indexed C. Johnson

F. B. 2693 Pg. 81

BOT. Pg #20



(2) 291 06 40
(1) 222 13 20
(3) 153 20 00
145 33 20

T 56
127.32 @ 3-06 = 127.11 - 127.11
127.25 @ 2-32 = 127.11

T=
72.42 @ 4-26 = 72.19 - 72.19
72.49 @ 5-09 = 72.19

Top Pg 22

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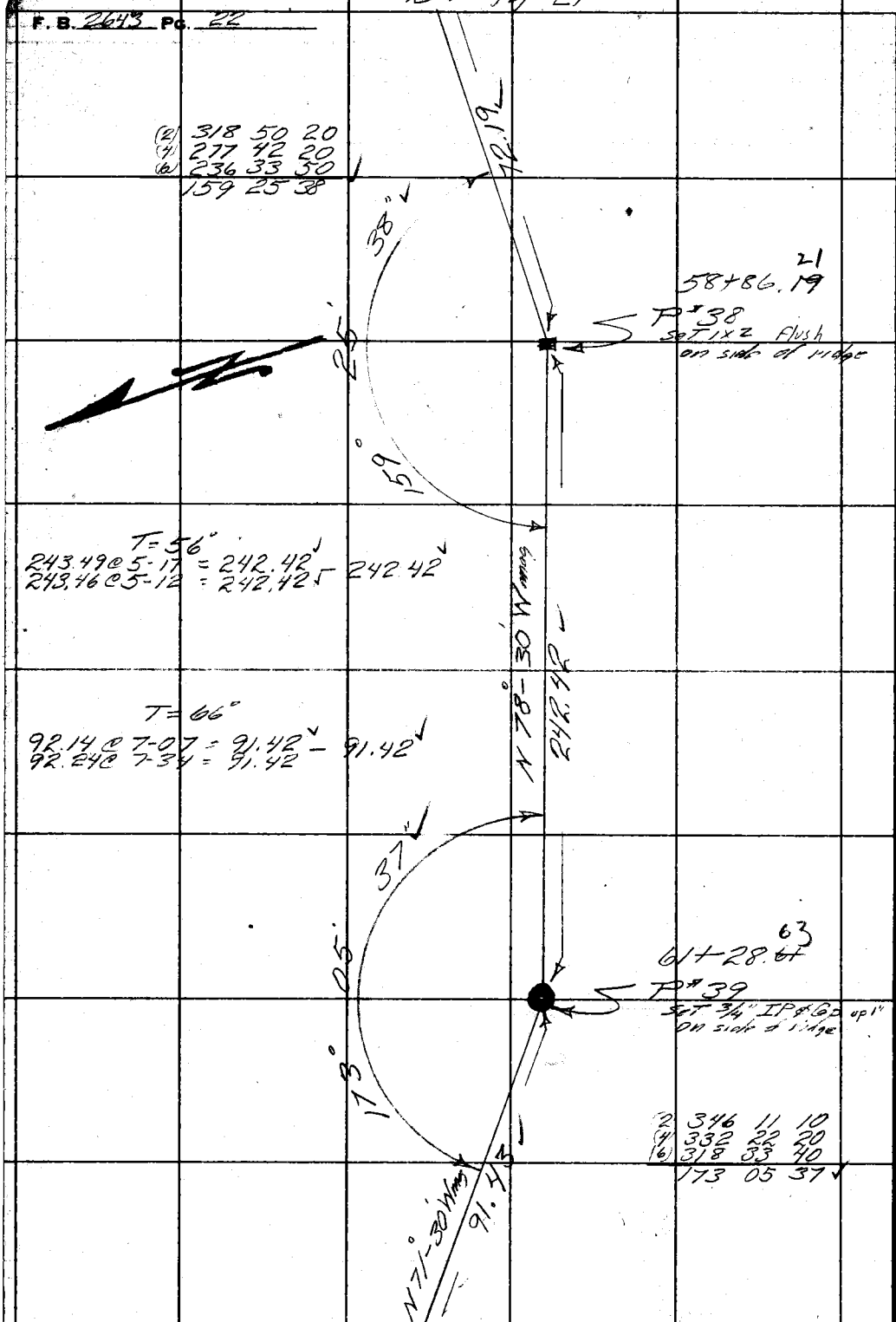
76F3098 S&E #247 1-56

F. B. 2643 Pg. 22

Bot Pg #21

(2) 318 50 20
(4) 277 42 20
(6) 236 33 50
159 25 38



(2) 346 11 10
(4) 332 22 20
(6) 318 33 40
173 05 37

X

Top Pg #23

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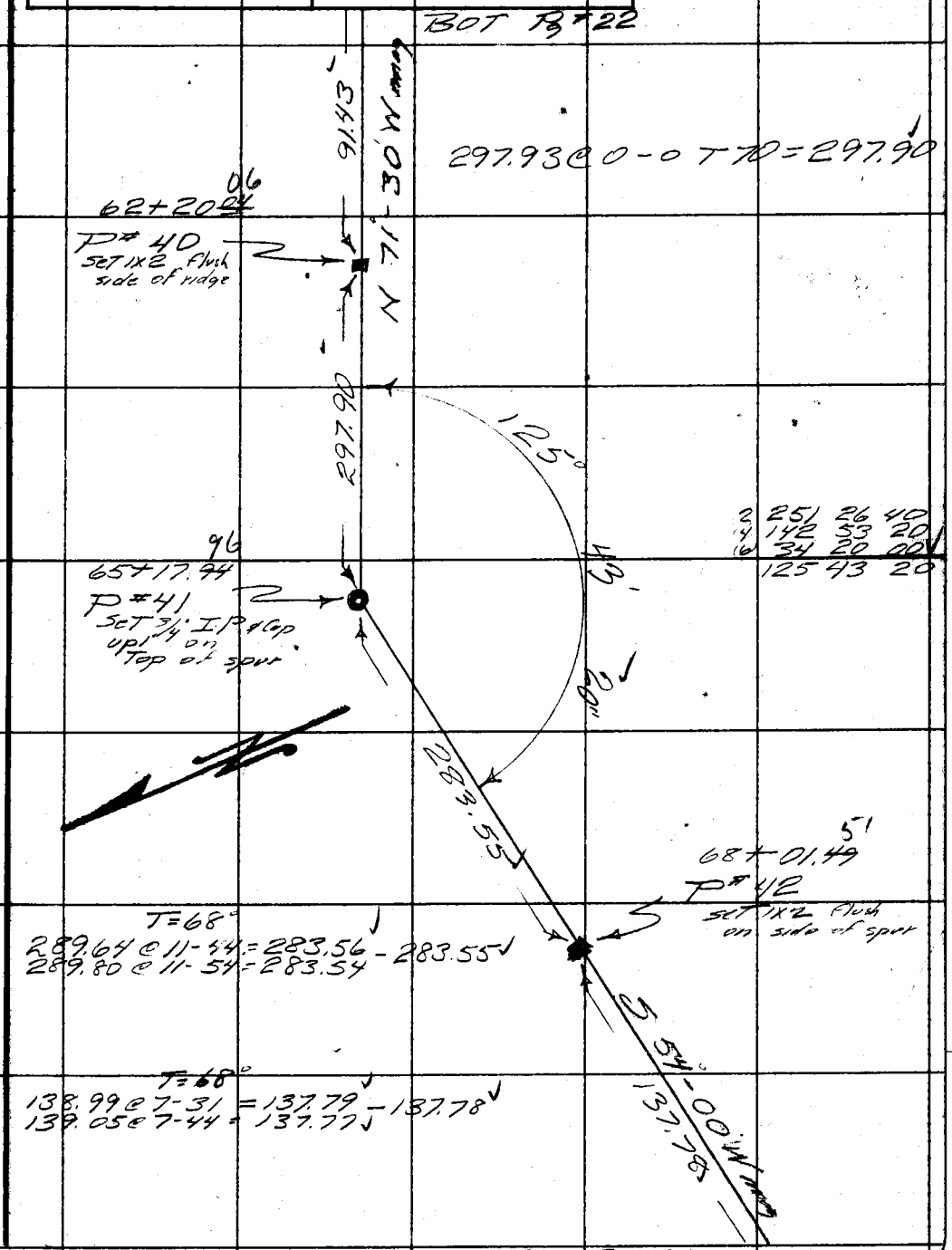
Notes Ck'd by H. E. AUSTIN	Survey of B16 ROCK CREEK RD
Map No.	JN 093333 Tape 138 Std 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W.S.C. Date 5-6-60
Date	Indexed [illegible] C. Johnson

F. B. 2643 PG. 23



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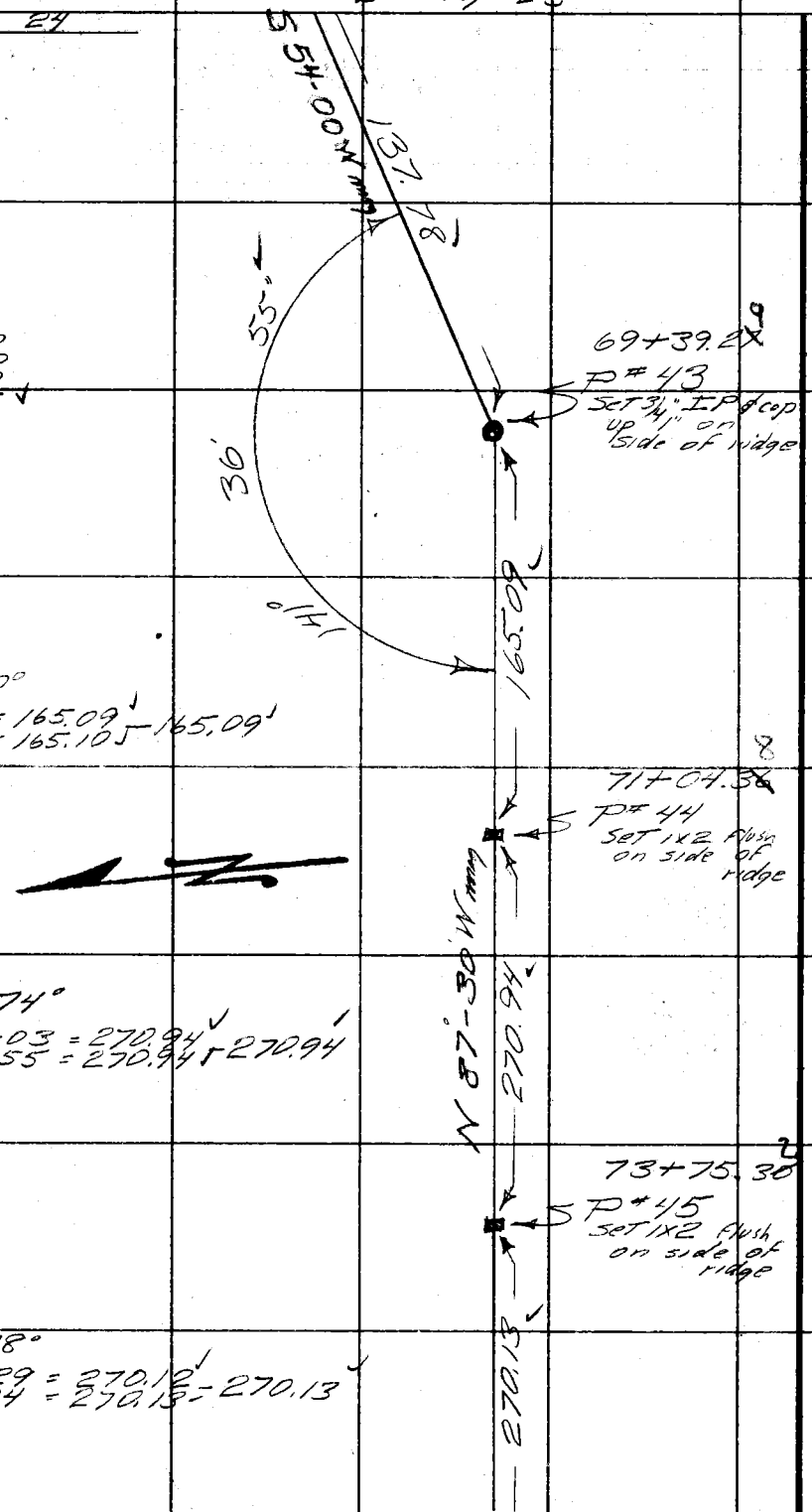
76F3095 S&E #247 1-56

F.B. 2643 Pg. 24

Bot Pg #23



(2) 283 14 00
(4) 206 27 40
(6) 129 41 30
141 36 55

T = 70°
165.81 @ 5-16 = 165.09
165.90 @ 5-53 = 165.10 — 165.09

T = 74°
273.66 @ 8-03 = 270.94
273.57 @ 7-55 = 270.94 — 270.94

T = 78°
270.96 @ 4-29 = 270.12
270.88 @ 4-14 = 270.13 — 270.13

Top of Pg = 25

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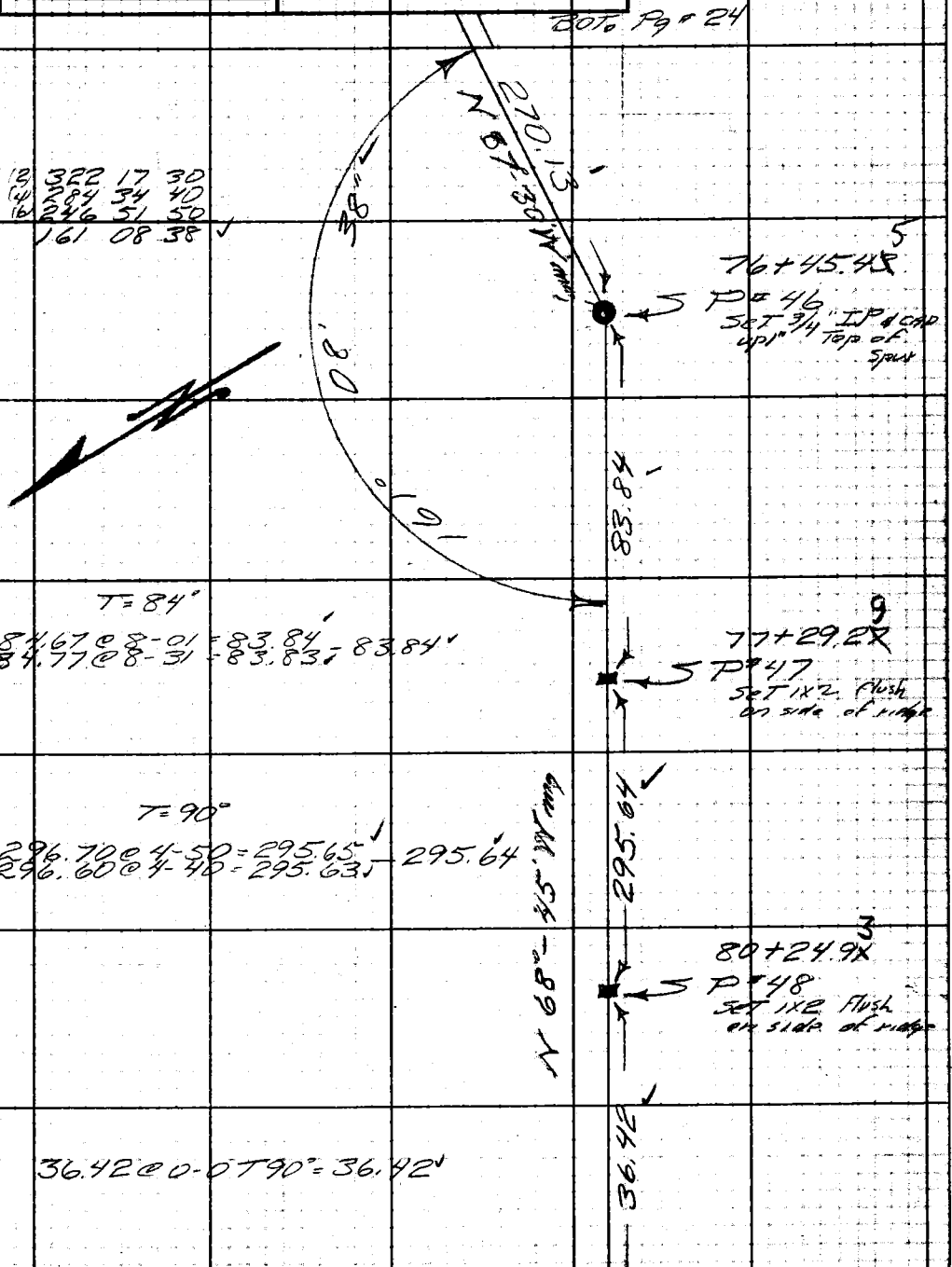
Notes Ck'd by H. E. AUSTIN	Survey of BIG ROCK CREEK ROAD
Map No.	JN 0933.33 Tape 138 Std 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Jan 5-6-60
Date	Indexed

F. B. 2643 Pg. 25

BOTo Pg # 24



(2) 322 17 30
(4) 284 34 40
(6) 246 51 50
161 08 38 ✓

76+45.45
P # 46
Set 3/4" IP & cap up 1" Top of Spur

T = 84°
84.67 @ 8-01 = 83.84 ✓
84.77 @ 8-31 = 83.83 ✓ — 83.84 ✓

77+29.29
P # 47
Set 1x2 flush on side of ridge

T = 90°
296.70 @ 4-50 = 295.65 ✓
296.60 @ 4-40 = 295.63 ✓ — 295.64 ✓

80+24.93
P # 48
Set 1x2 flush on side of ridge

36.42 @ 0-0 T 90° = 36.42 ✓

Top Pg # 26

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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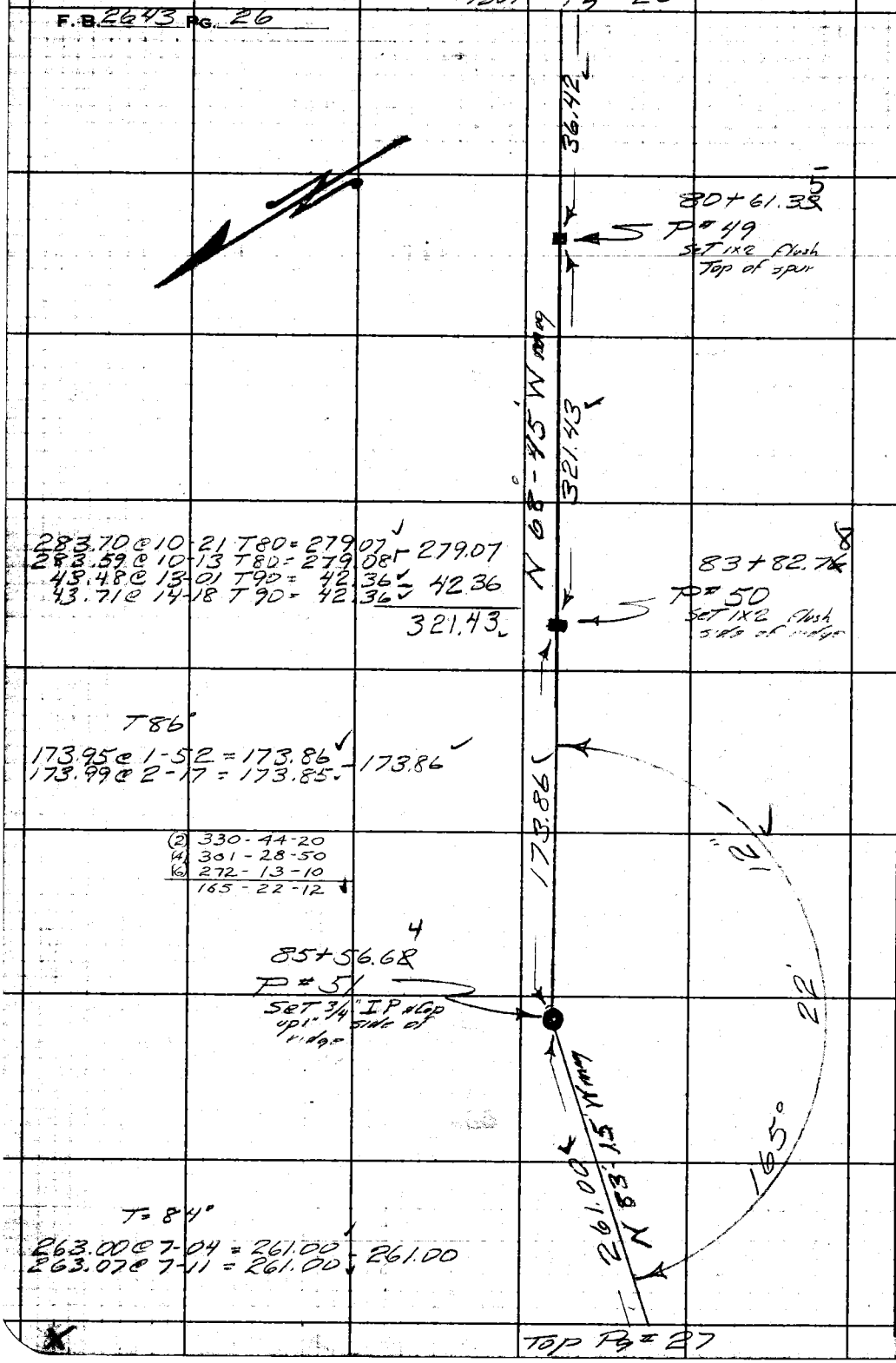
763098 CE #247—7-53

F.B. 2643 PG. 26

BOT Pg # 25



RETURN TO
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700 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 H. E. AUSTIN	Survey of BIG ROCK CREEK ROAD
Map No.	JN 0933.33 Tape 138 Std 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W.S.C. Date 5-10-60
Date	Indexed A. C. Johnson

F. B 2643 Pg. 27

Bot Pg #26

T = 90°
238.93 @ 2-34 = 238.70
238.99 @ 2-56 = 238.69 = 238.69

261.00

N 83° - 15' W

T = 92°
235.89 @ 13-20 = 229.54
236.07 @ 13-31 = 229.54 = 229.54

88+17.62
P #52
Set 1x2 flush
Top spur

238.69

90+56.33
P #53
Set 3/4" IP & Cap
up 1" side of ridge
see pg # 39

51'

159°

229.54

(2) 319 42 00
(4) 279 24 00
(6) 239 06 10
159 51 02

92+85.85
P #54
Set 1x2 flush
in flat

144.19

S 76° - 45' W

T = 88°
144.77 @ 5-08 = 144.19
144.84 @ 5-26 = 144.19 = 144.19

Top Pg # 28

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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763098 CE #247—7-53

BOT Pg #27

F.B. 2643 PG. 28

W.S. 83A-3

T=90°
256.80@7-09=254.81 + 254.81
256.85@7-15=254.81

T=94°
230.27@6-11=228.95 - 228.95
230.15@5-56=228.94

P-LINE
144.19
94+30.04
P#55
Set 1x2 flush in flat
P-55
S76°45'W mag
254.81
96+84.85
P#56
Set 1x2 flush in flat

53.28@25-10 T80=48.22
105.19@27-07 T80=93.63

228.95
08°33'12"
CREEK RD. TO PI #87 → see BOT. Pg #29
FB905-91
667.52 mes
667.61 rec
℄ B16 ROCK

R.P.'s fd 3/4" I.P., pl. & nail fl.
71° 12' 10" R&M
93.63 mes
93.81 rec
48.43 rec
48.22 mes

(2) 17 06 20
(4) 34 12 50
(6) 51 19 10
08 33 12

END of P-LINE
99+13.80
P#57 = PI#86
Per FB905-91
fd 3/4" IP plug & nail
dn 18" see pg #37

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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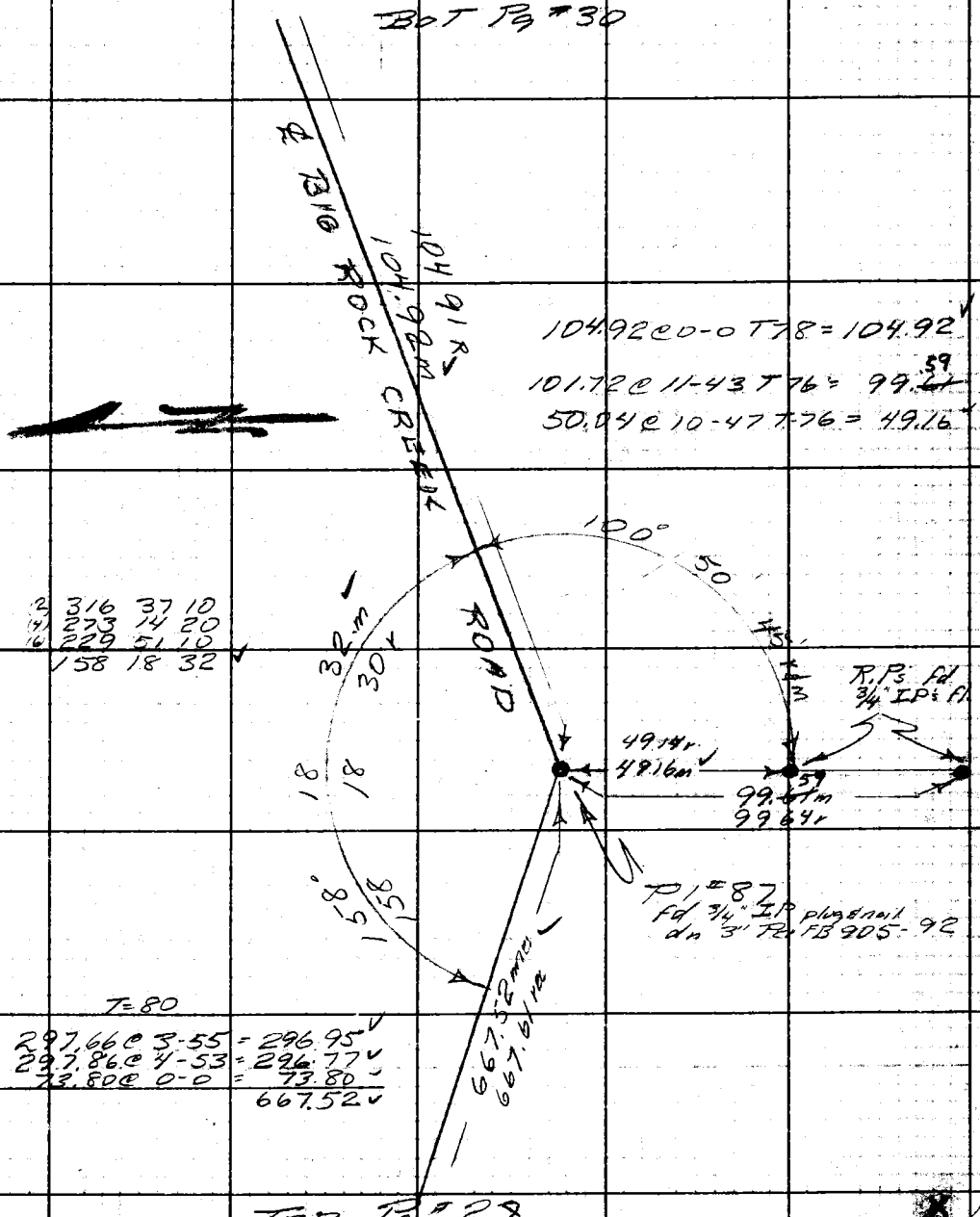
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. E. AUSTIN	Survey of BIG ROCK CREEK ROAD	F. B 2643 PG. 29
Map No.	JN 093333 Tape 138 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W.S.C. Date 4-18-60	
Date	Indexed A. C. Johnson 6-3-60	

RETRACEMENT OF ℄ BIG ROCK CREEK ROAD
PER FB 905-91, PI #86 TO PI #90 & P-LINE
TIE AT PI #86 SEE PAGE #27
BOT Pg #30



104.92 @ 0-0 T78 = 104.92
101.72 @ 11-43 T76 = 99.59
50.04 @ 10-47 T76 = 49.16

(2)	316	37	10
(4)	273	14	20
(6)	229	51	10
	158	18	32

T=80

297.66 @ 3-55 = 296.95
297.86 @ 4-53 = 296.77
73.80 @ 0-0 = 73.80
667.52

Top Pg #28

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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763098 CE #247—7-53

F. B. 2643 Pg. 30

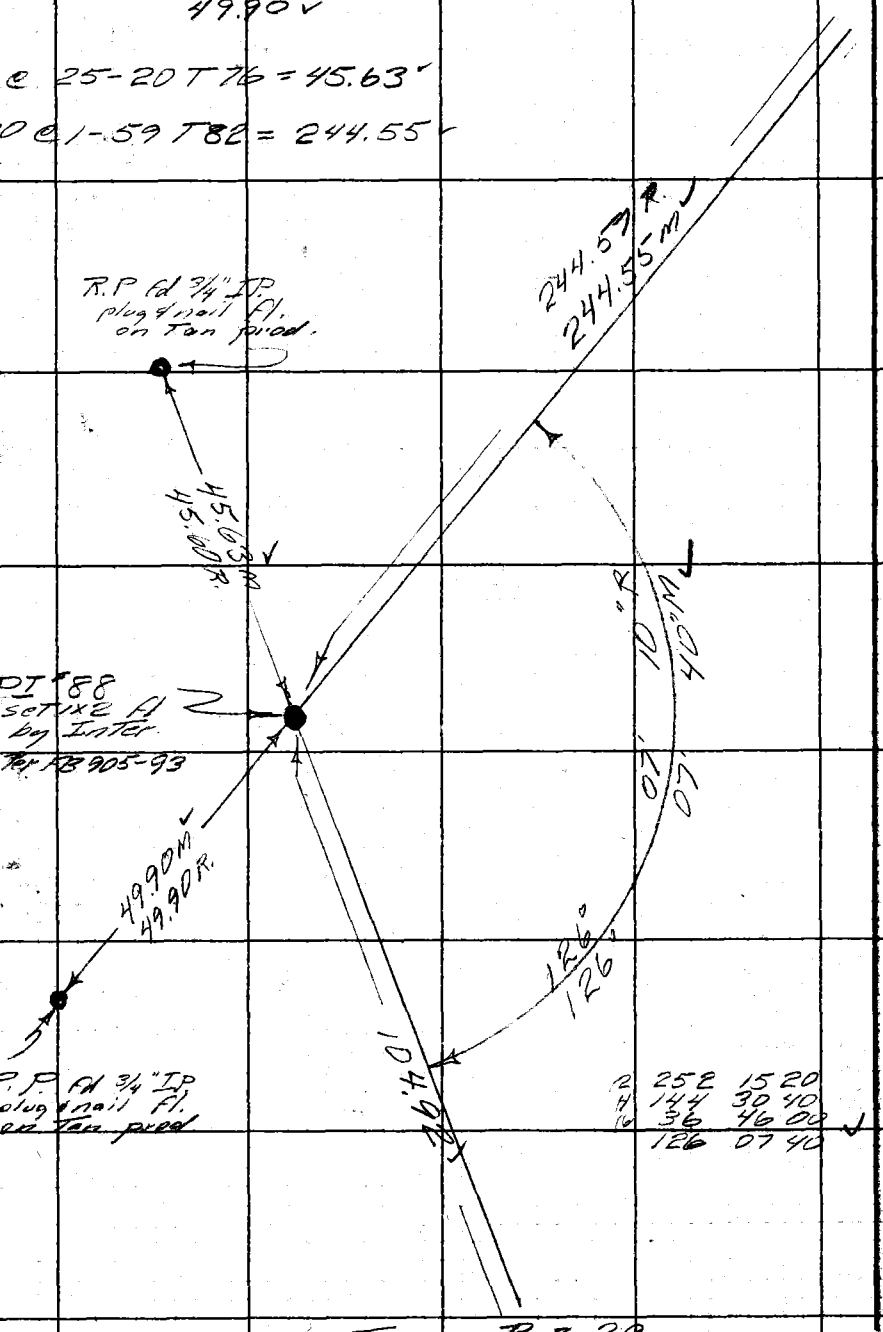
T = 76

25.49 @ 0-0 = 25.49 ✓
25.62 @ 17-39 = 24.41 ✓
49.90 ✓

50.48 @ 25-20 T 76 = 45.63 ✓

244.70 @ 1-59 T 82 = 244.55 ✓

BOT Pg # 31



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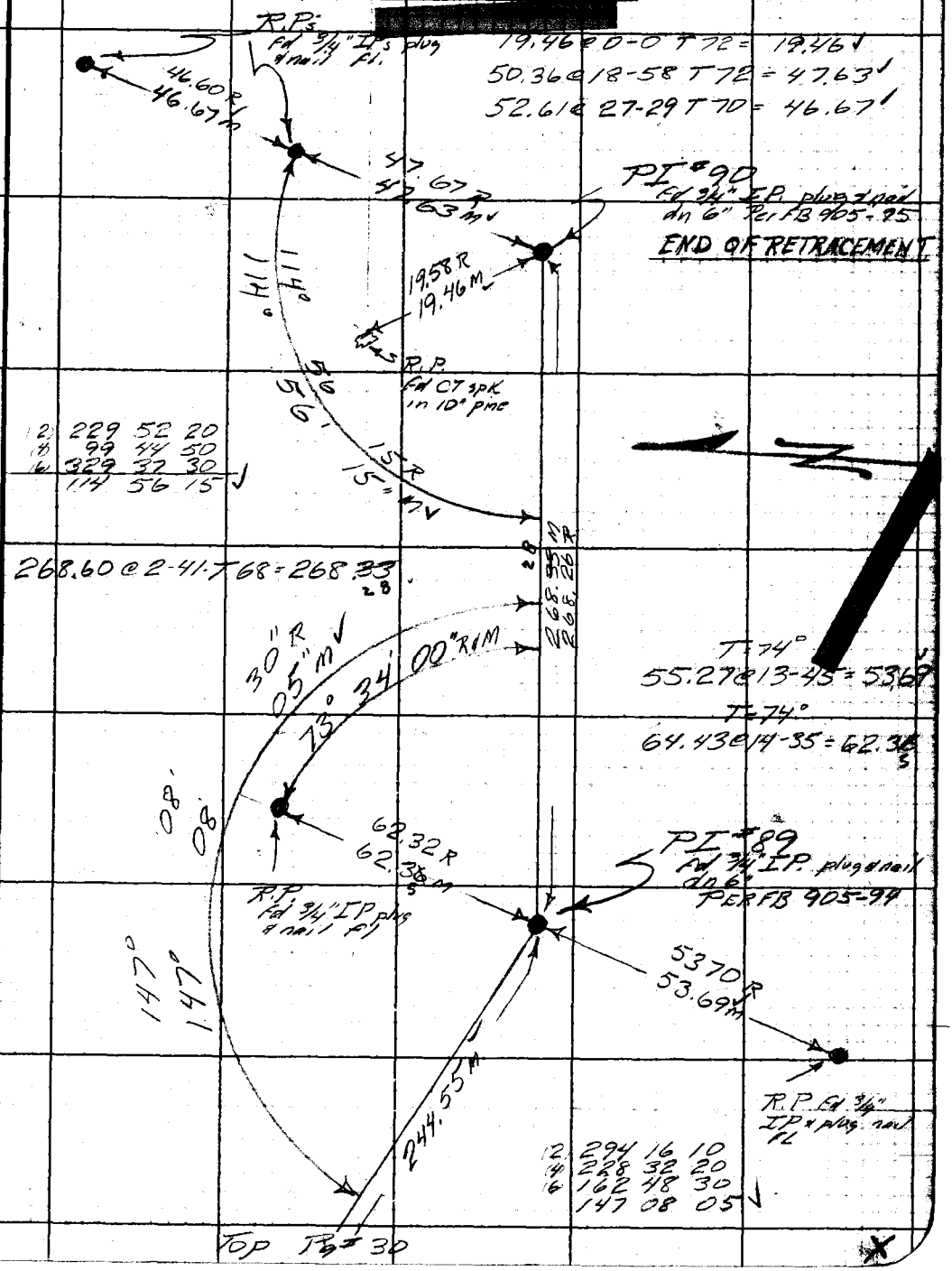
X

TOP Pg # 29

Notes Ck'd by H. E. AUSTIN	Survey of BIG ROCK CREEK RD
Map No.	JN 0933.33 Tape 138 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C. Date 4-19-60
Date	Indexed C. Johnson

F. B. 2643 PG. 31

[redacted]



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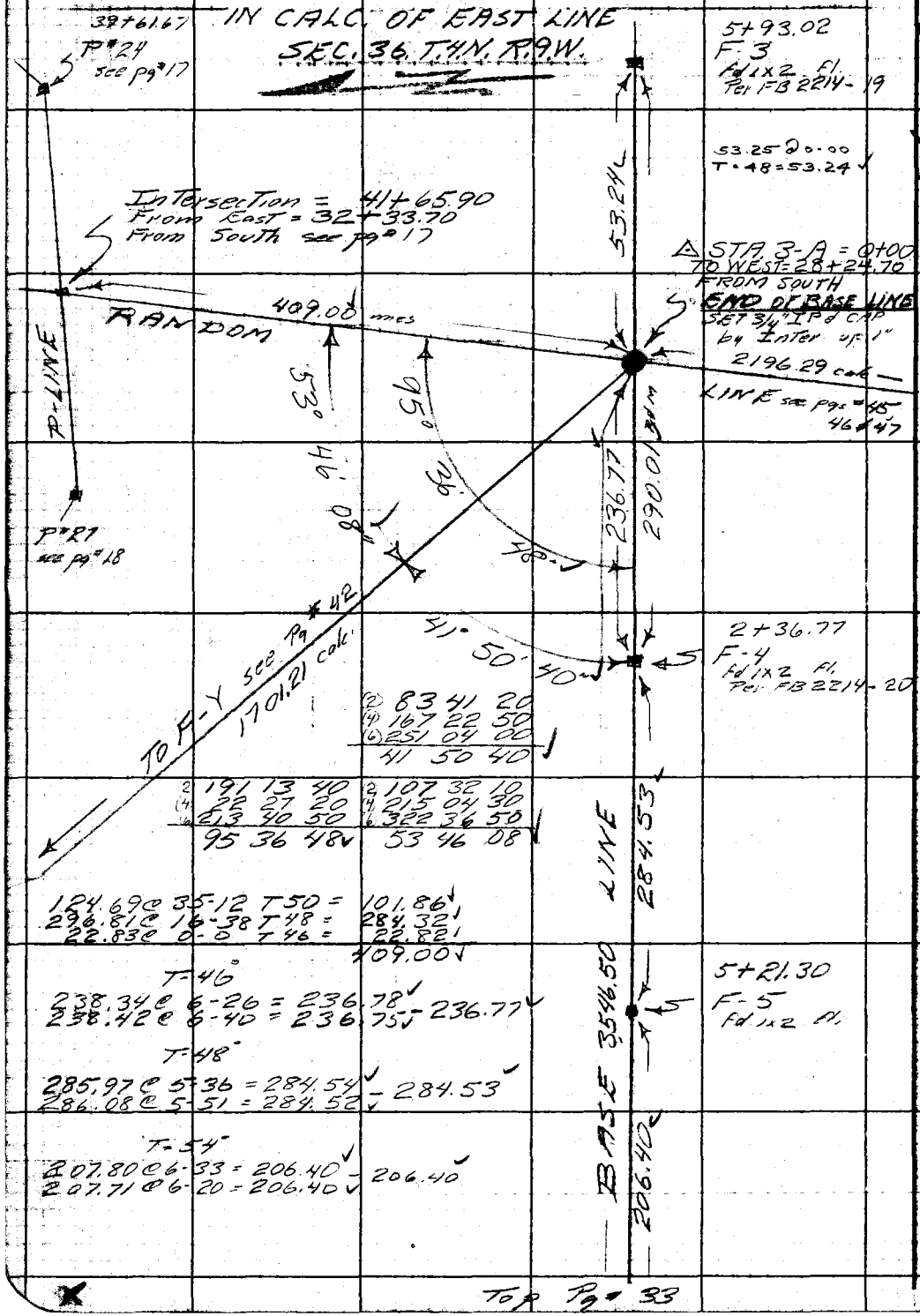
763098 CE #247—7-59

F. B 2643 Pg. 32

BASE LINE CHAINING FOR △ NET & ALSO USED IN CALC. OF EAST LINE

SEC. 36 T.4N. R.9W.



Top Pg# 33

W.S. 83, A-3

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LOS ANGELES COUNTY ENGINEER
700 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 H. E. AUSTIN
Map No.
Office Work
Checked
Date

Survey of BIG ROCK CREEK RD
JN 093333 Tape 138 Std. 84 °F
Surveyed by W.S.COWHERD
Notes W.S.C Date 4-28-60
Indexed C. G. Johnson 6-60

F. B. 2643 Pg. 33

BOT Pg #32

T=54°
288.48 @ 5-41 = 287.00
288.52 @ 5-47 = 286.99 → 287.00

206.40

7+27.70
F-6
Fd 1x2 FI.
See FB 2214-20

287.00

178.85 @ 6-02 T56 = 177.83
178.96 @ 6-28 T90 = 177.83 → 177.83

10+14.70
F-7
Fd 1x2 FI

LINE

BASE 3546.50

177.83

11+92.53
F-8
Fd 1x2 FI

T-54
296.49 @ 6-40 = 294.43
296.56 @ 6-45 = 294.44 → 294.43

294.43

14+86.96
F-9
Fd 1x4 FI
See FB 2214-21

297.07 @ 5-20 T54 = 295.72
297.32 @ 5-56 T90 = 295.74

295.73

TOP Pg #34

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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763095 CE #247—7-59

BOT Pg # 33

F.B. 2643 PG. 34

295.73

17+82.69

F-10
Fd SW&Tin
dn 1"
Per FB 2214-21

T=54°
296.70 @ 5-56 = 295.05
296.81 @ 6-08 = 295.05 — 295.05

295.05

LINE

20+77.74
F-11
Fd 1x2 Fl

297.68 @ 4-23 T56 = 296.76
297.88 @ 5-00 T88 = 296.76 — 296.76

3546.50

296.76

23+74.50
F-12
Fd 1x2 dn 1"

BASE

196.34 @ 5-57 T56 = 195.24
195.92 @ 4-44 T88 = 195.26 — 195.25

195.25

25+69.75
F-13
Fd 1x2 dn 1"
Per FB 2214-22

T=54°
298.88 @ 4-48 = 297.77
298.80 @ 4-41 = 297.74 — 297.76

297.76

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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.

X

TOP Pg # 35

Notes Ck'd by H. E. AUSTIN	Survey of BIG ROCK CREEK RD
Map No.	JN 0933.33 Tape 138 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 11-29-60
Date	Indexed A. C. Johnson

F. B 2643 Pg. 35

BOT Pg #34

297.76

28+67.51
F-14
Fd 1x2 Fl.
Per FB 2214-22

T=56°
262.60 @ 4-35 = 261.71
262.64 @ 4-45 = 261.69 - 261.70

LINE

261.70

3546.50

31+29.21
F-15
Fd 1x2 Fl.

T=62°
292.02 @ 0-36 = 291.96
292.00 @ 0-11 = 291.96 - 291.96

BASE

291.96

34+21.17
F-16
(Reset 1x2 Flush)
Per FB 2214-23

133.36 @ 0-0 T 62 = 133.34

125.33
133.34

Top Pg # 36

X

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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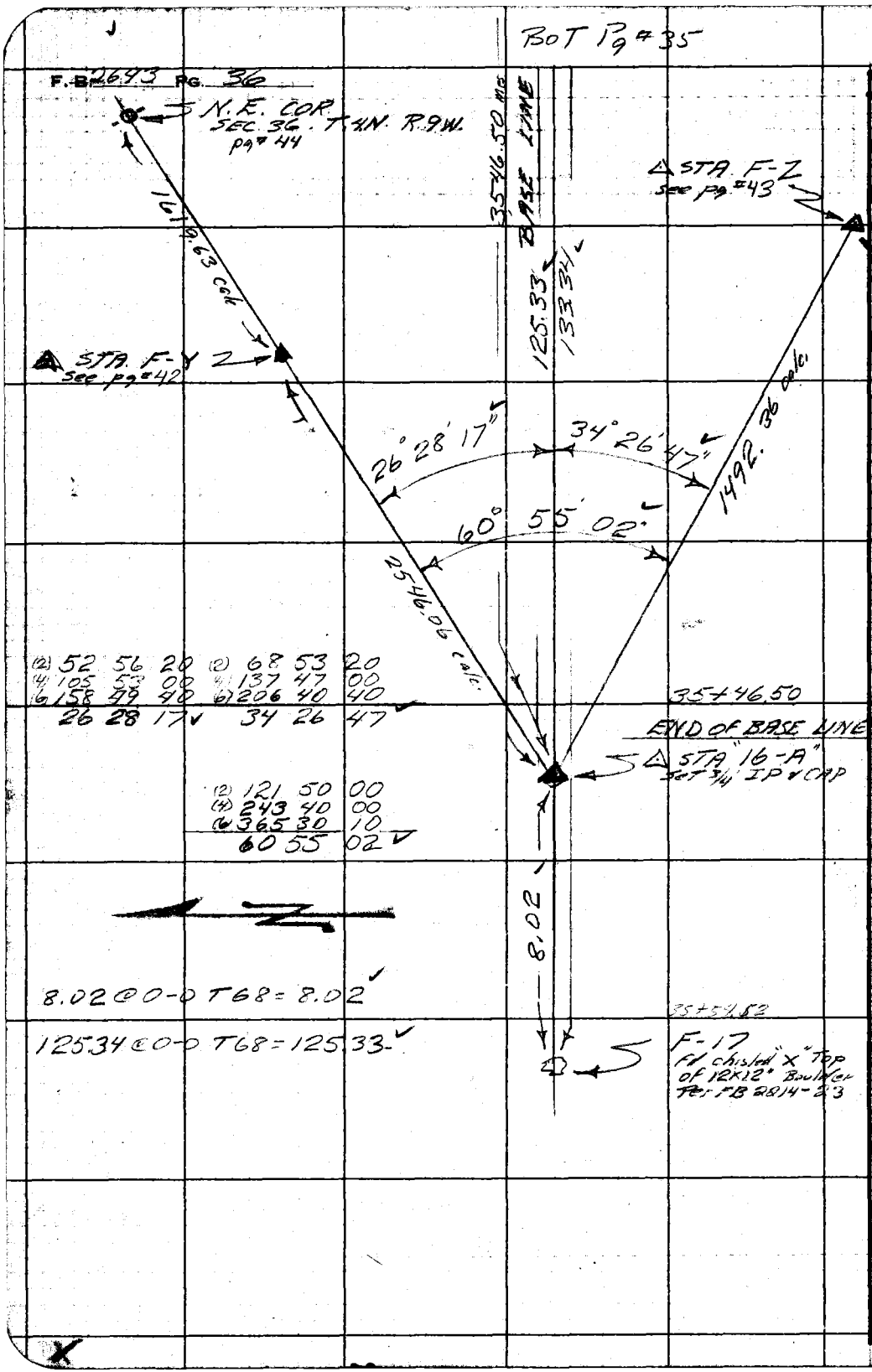
768098 CE #247—7-53



W.S. 83, A-3

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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.

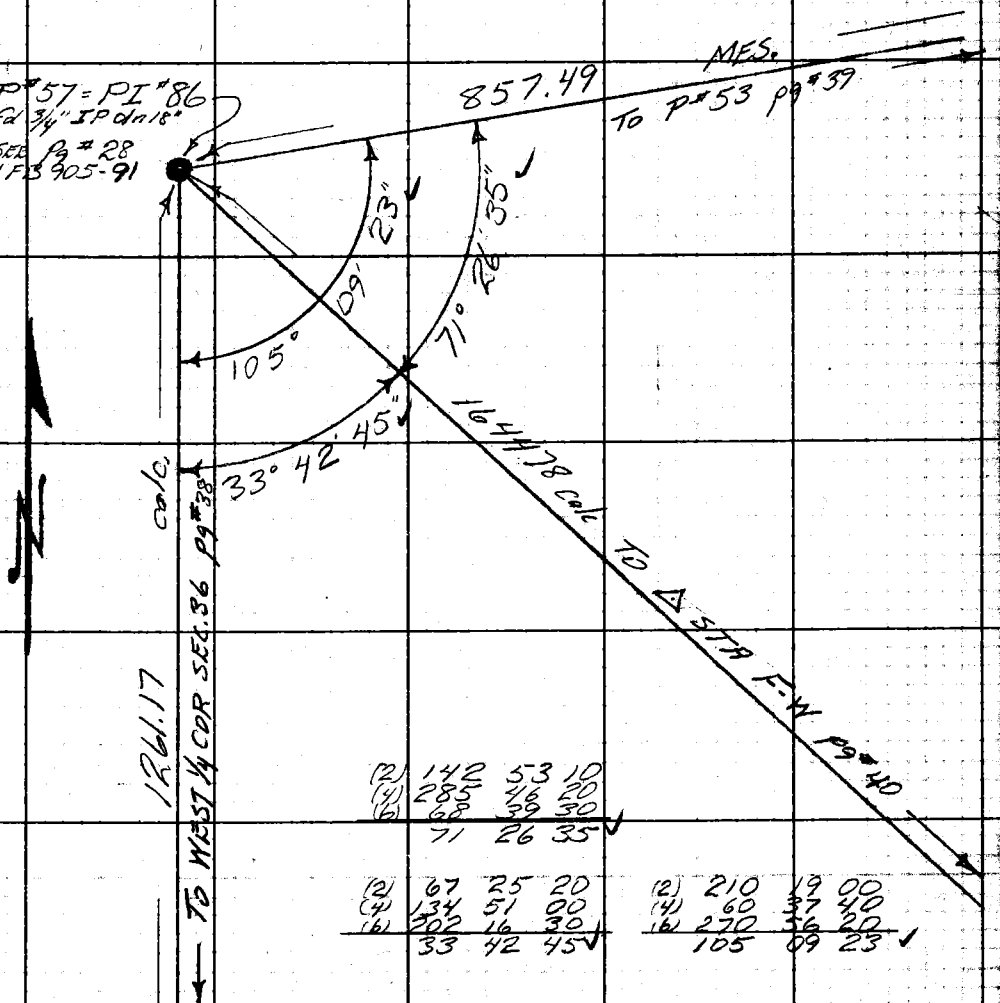
W.S. 83, A-3

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

Survey of BIG ROCK CREEK RD F. B. 2643 Pg. 57
JN 0933 33 Tape 138 Std 84 °F
Surveyed by W.S. & COMPERD
Notes W.S.C. Date 5-19-60
Indexed C. Johnson 6-2-60

TRIANGULATION STATIONS USED IN NET FOR CALC. OF DISTANCES ON SECTION LINE BETWEEN SEC. 36, T. 4N. R. 9 W. & SEC. 31 T. 4N. R. 8W. SAME △ STATIONS ALSO USED IN MAKING TIE TO ORIGINAL BIG ROCK CREEK ROAD SURVEY IN 1941 PER FB 905 BY ROSECRANS JN 8292

△ STA P#57 = PI #86 see pg #28



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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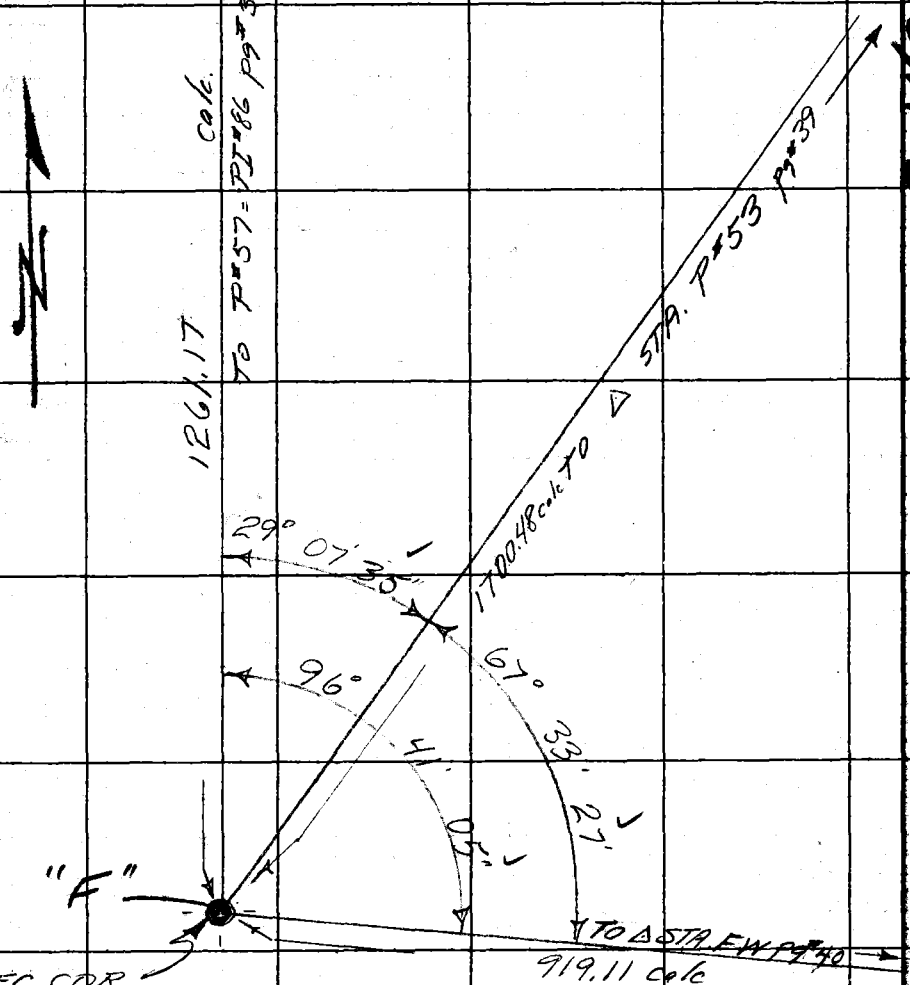
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763008 CE #247—7-59

F.B. 2643 PG. 38

△ STA - WEST 1/4 COR. SEC. 36 T.4N. R.9.W

W.S. 83, A-3



1/4 SEC. COR.
Fd Cut spk & T in ctr. of 8" Oak Tree Blazed & scribed 1/4 S.35 on W
Per FB 905-172
C.S. 9159-6

(2)	58	15	00	(2)	135	07	00	(2)	193	22	00
(4)	116	30	10	(4)	270	13	50	(4)	26	44	20
(6)	174	45	30	(6)	45	20	40	(6)	220	06	30
	29	07	35		67	33	27		96	41	05

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

Survey of BIG ROCK CREEK RD
JN 093338 Tape 138 Std. 54 °F
Surveyed by W. S. COWHERD
Notes W. S. C. Date 5-19-60
Indexed C. Johnson

F. B. 2643 Pg. 39

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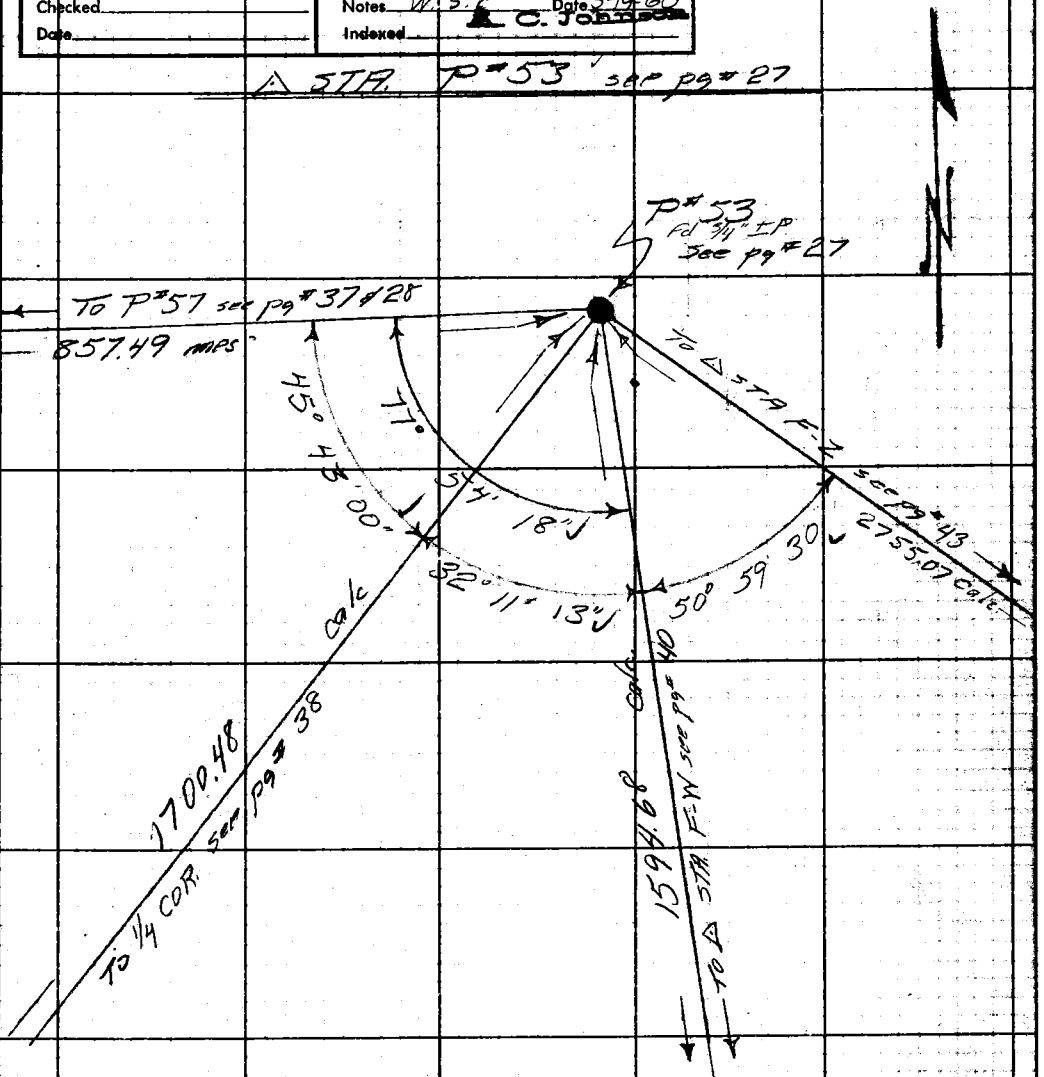
△ STA. P#53 ✓ see pg # 27

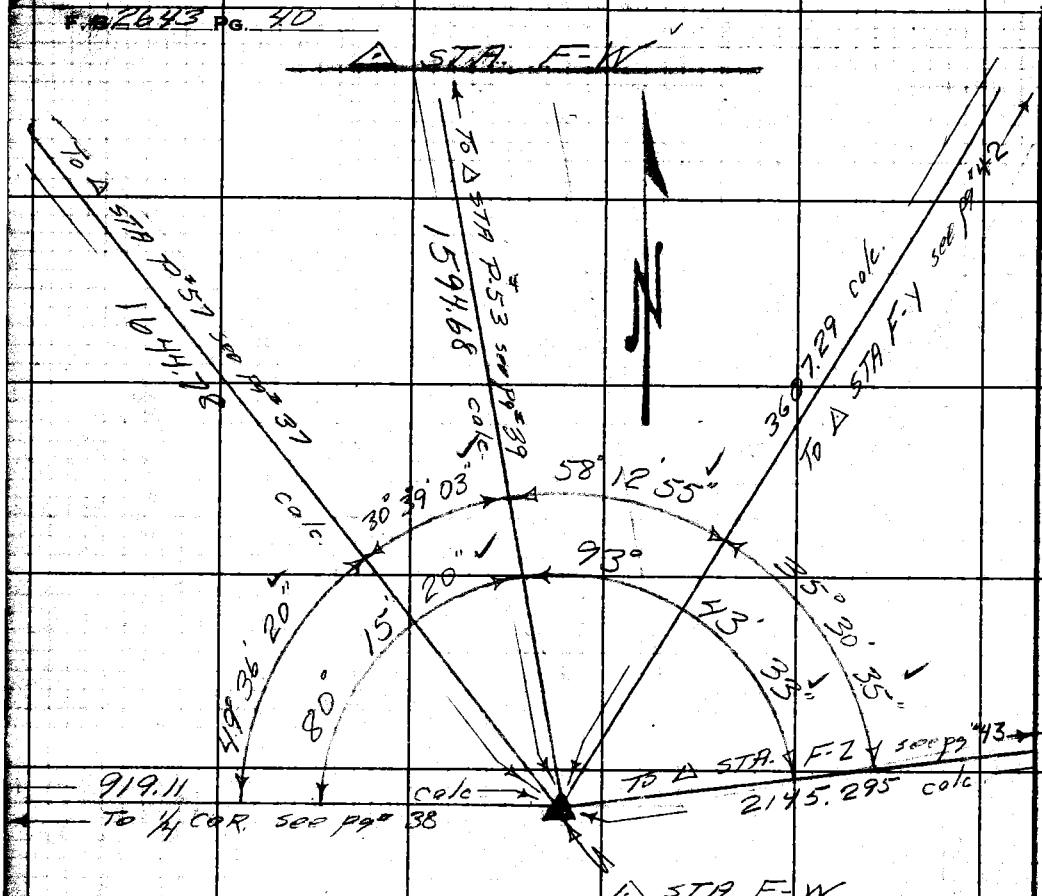


(2)	101	59	00	(2)	64	22	20	(2)	155	48	40
(4)	203	57	50	(4)	128	45	00	(4)	311	37	20
(6)	305	57	00 ✓	(6)	193	07	20	(6)	107	25	50
	50	59	30 ✓		32	11	13 ✓		77	54	18 ✓

(2)	91	25	50
(4)	182	52	00
(6)	274	18	00 ✓
	45	43	00 ✓

769085 CE #247—7-55

F.B. 2643 PG. 40



(2)	99	12	40		(2)	61	18	00		(2)	116	25	50	
(4)	198	25	30		(4)	122	36	00		(4)	232	51	30	
(6)	297	38	00		(6)	183	54	20		(6)	349	17	30	
	49	36	20 ✓			30	39	03 ✓			58	12	35 ✓	
(2)	71	01	10		(2)	160	30	40		(2)	187	27	00	
(4)	142	02	20		(4)	321	01	20		(4)	14	54	10	
(6)	213	03	30		(6)	121	32	00		(6)	202	21	20	
	35	30	35 ✓			80	15	20 ✓			93	43	33 ✓	

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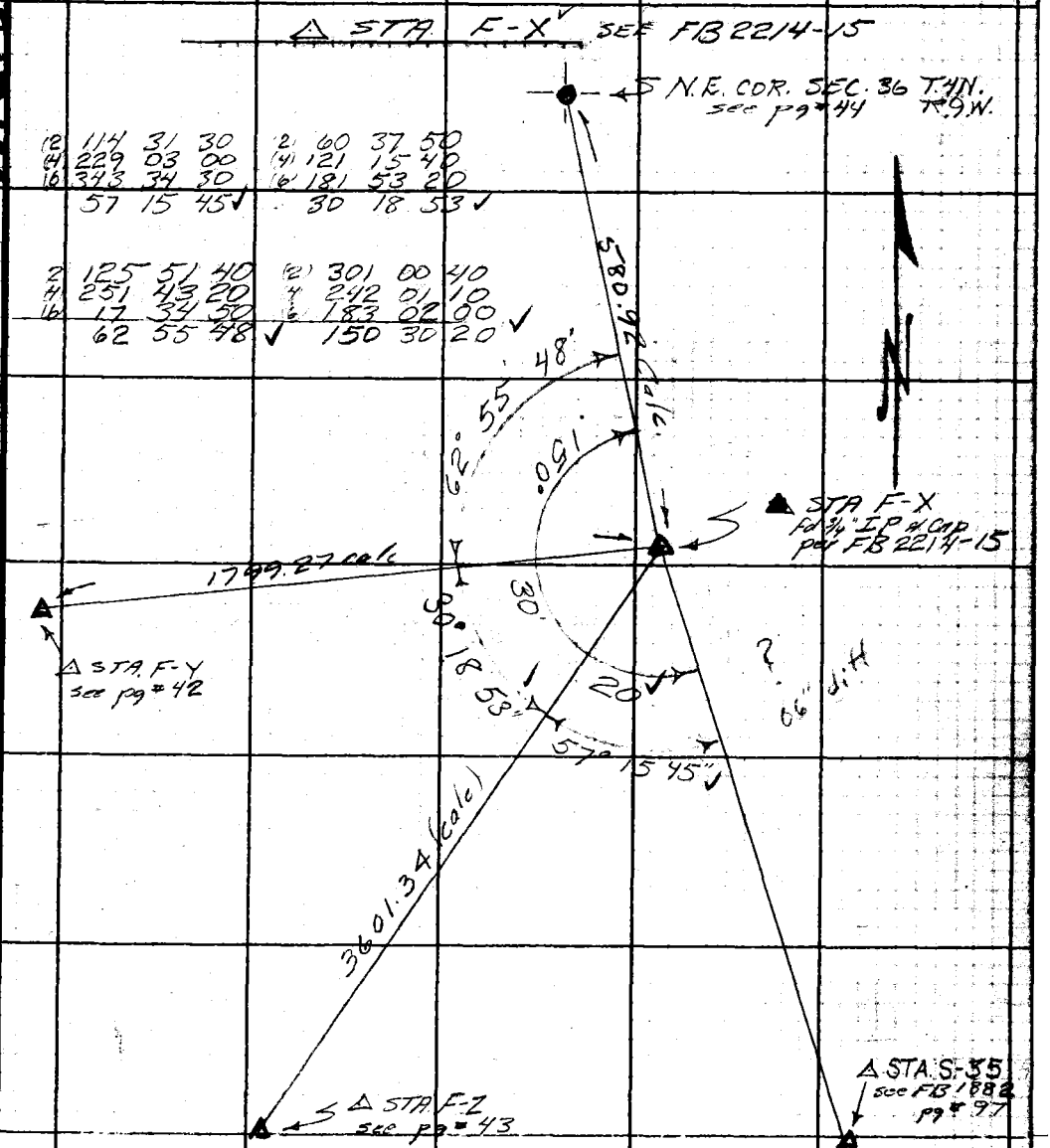
W.S. 83A-3

Notes Ck'd by H. E. AUSTIN	Survey of BIG ROCK CREEK RD
Map No.	JN 093333 Tape 138 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 5-23-60
Date	Indexed A. C. Johnson

F. B. 2643 PG. 41



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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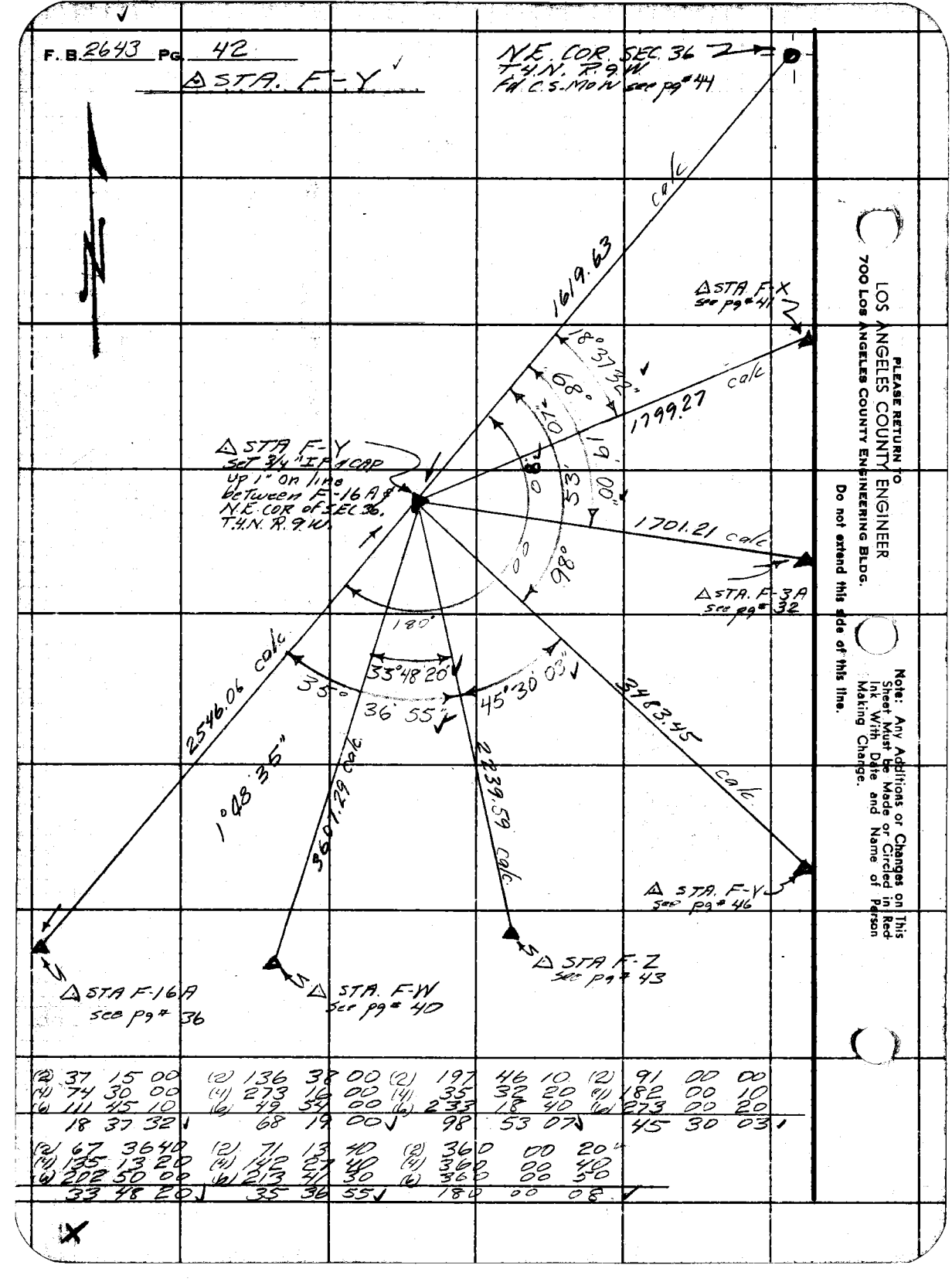
76F309S S&E #247 11-58

F. B. 2643 Pg. 42

△ STA. F-Y



(2)	37	15	00	(2)	136	38	00	(2)	197	46	10	(2)	91	00	00				
(4)	74	30	00	(4)	273	16	00	(4)	35	32	20	(4)	182	00	10				
(6)	111	45	10	(6)	49	54	00	(6)	233	18	40	(6)	273	00	20				
	18	37	32		68	19	00		98	53	07		45	30	03				
(2)	67	36	40	(2)	71	13	40	(2)	360	00	20								
(4)	135	13	20	(4)	142	27	40	(4)	360	00	40								
(6)	202	50	00	(6)	213	41	30	(6)	360	00	53								
	33	48	20		35	36	55		180	00	08								

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

Survey of BIG ROCK CREEK RD
JN 093333 Tape 138 Std. 84 °F
Surveyed by W. S. COWHERD
Notes W.S.C. Date 5-20-60
Indexed C. Johnson

F. B. 2643 Pg. 43

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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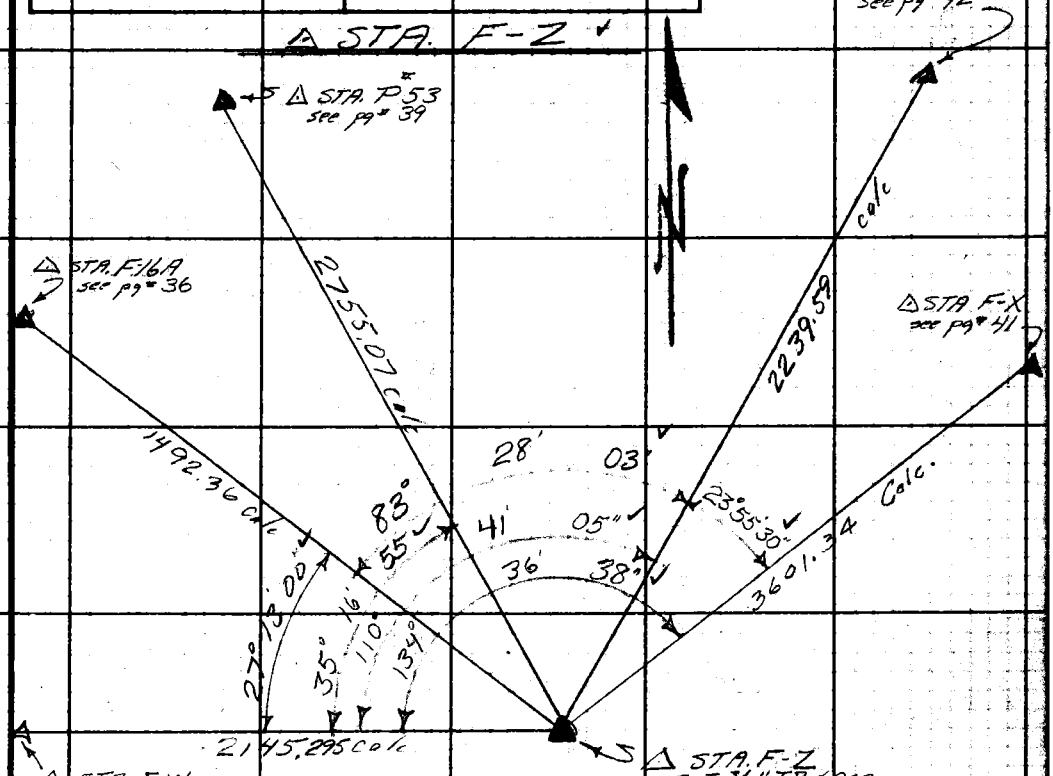
700 LOS ANGELES COUNTY ENGINEERING BLDG.

78F309S S&E #247 11-58

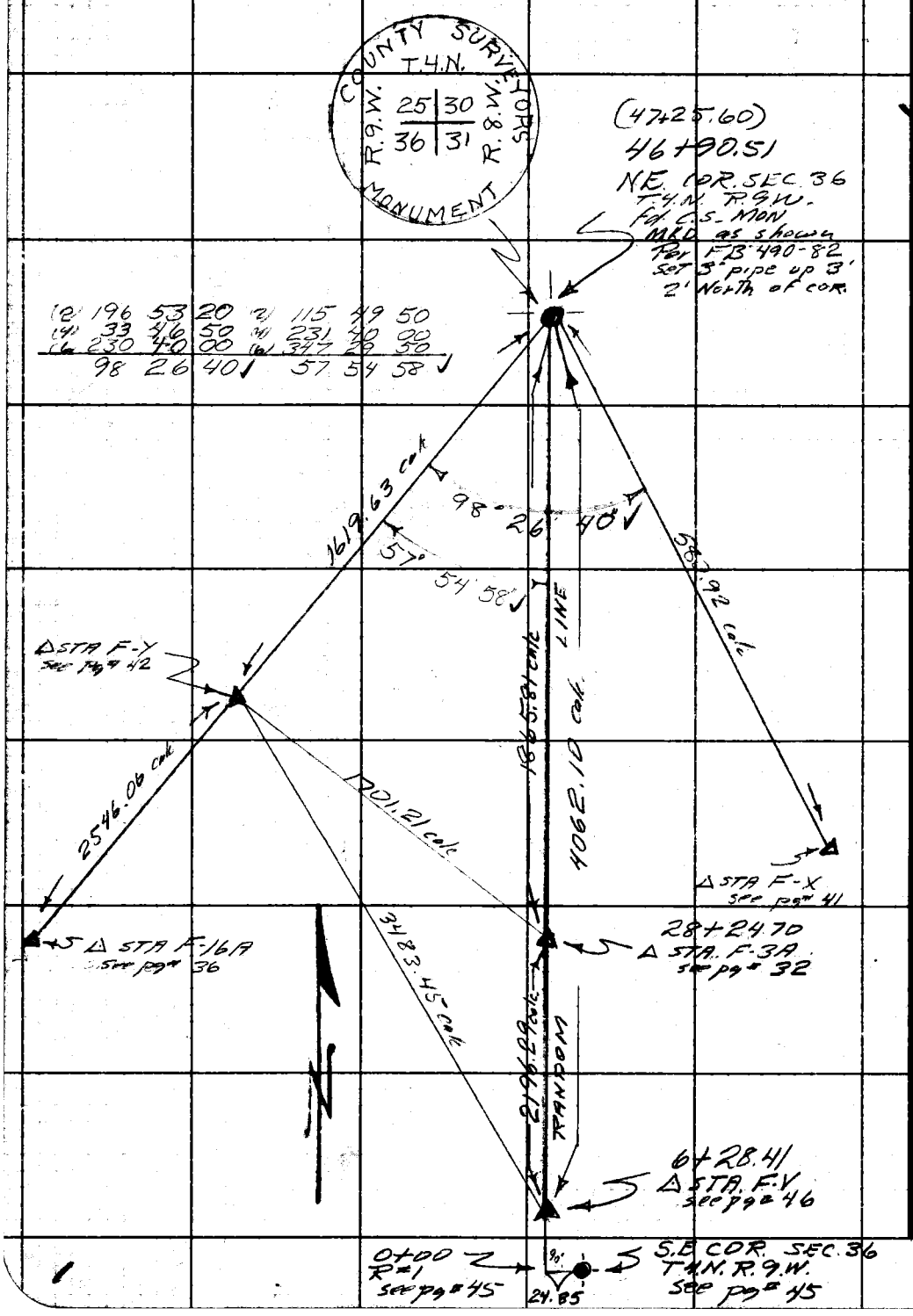


(2)	70	33	50	(2)	221	22	10	(2)	269	13	10
(4)	141	07	40	(4)	82	44	20	(4)	178	26	30
(6)	211	41	30	(6)	304	06	30	(6)	87	39	50
	35	16	55 ✓		110	41	05 ✓		134	36	38 ✓
(2)	54	26	00	(2)	47	50	50	(2)	166	56	00
(4)	108	52	00	(4)	95	42	00	(4)	333	52	10
(6)	163	18	00	(6)	143	33	00	(6)	140	48	20
	27	13	00 ✓		23	55	30 ✓		83	28	03 ✓

F.B. 2643 PG. 44

W.S. 83, A-3

△ STA. N.E. COR. SEC. 36 T.4N. R.9W.



PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

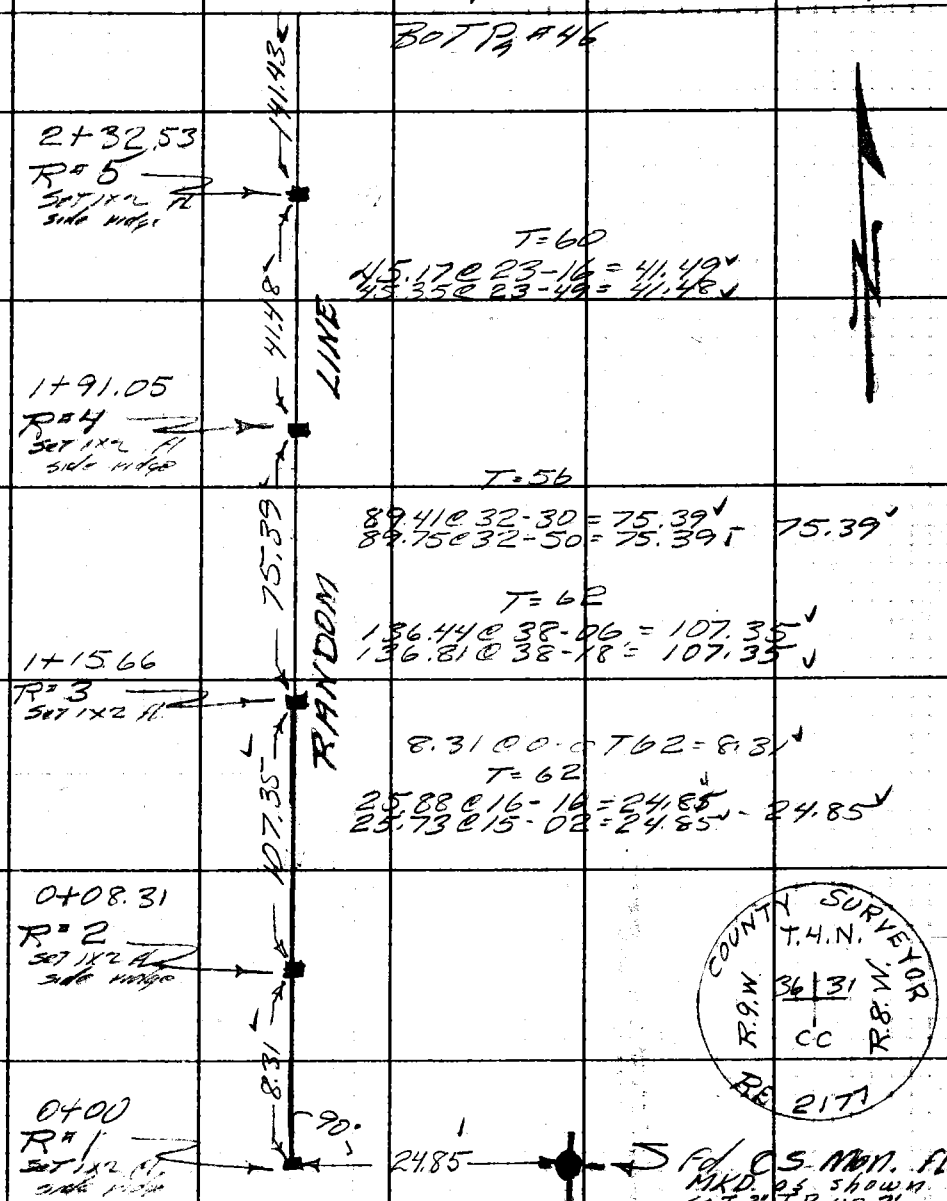
Do not extend this side of this line.

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

W.S. 83, A-3

Notes Ck'd by H. E. AUSTIN	Survey of BIG ROCK CREEK RD	F. B. 2643 PG. 45
Map No.	JN 030201 Tape 138 Std. 84 °F	
Office Work	Surveyed by W.S. COWHERD	
Checked	Notes W.S.C Date 5-24-60	
Date	Indexed A. C. Johnson 6-8-60	

RANDOM LINE FROM A POINT 24.85 WLY OF THE S.E. COR. SEC 36 T.4.N. R.9.W. TO THE N.E. COR OF SEC. 36 T.4.N. R.9.W. & CHECK ON GOVN CALLS PER CS 9159-39



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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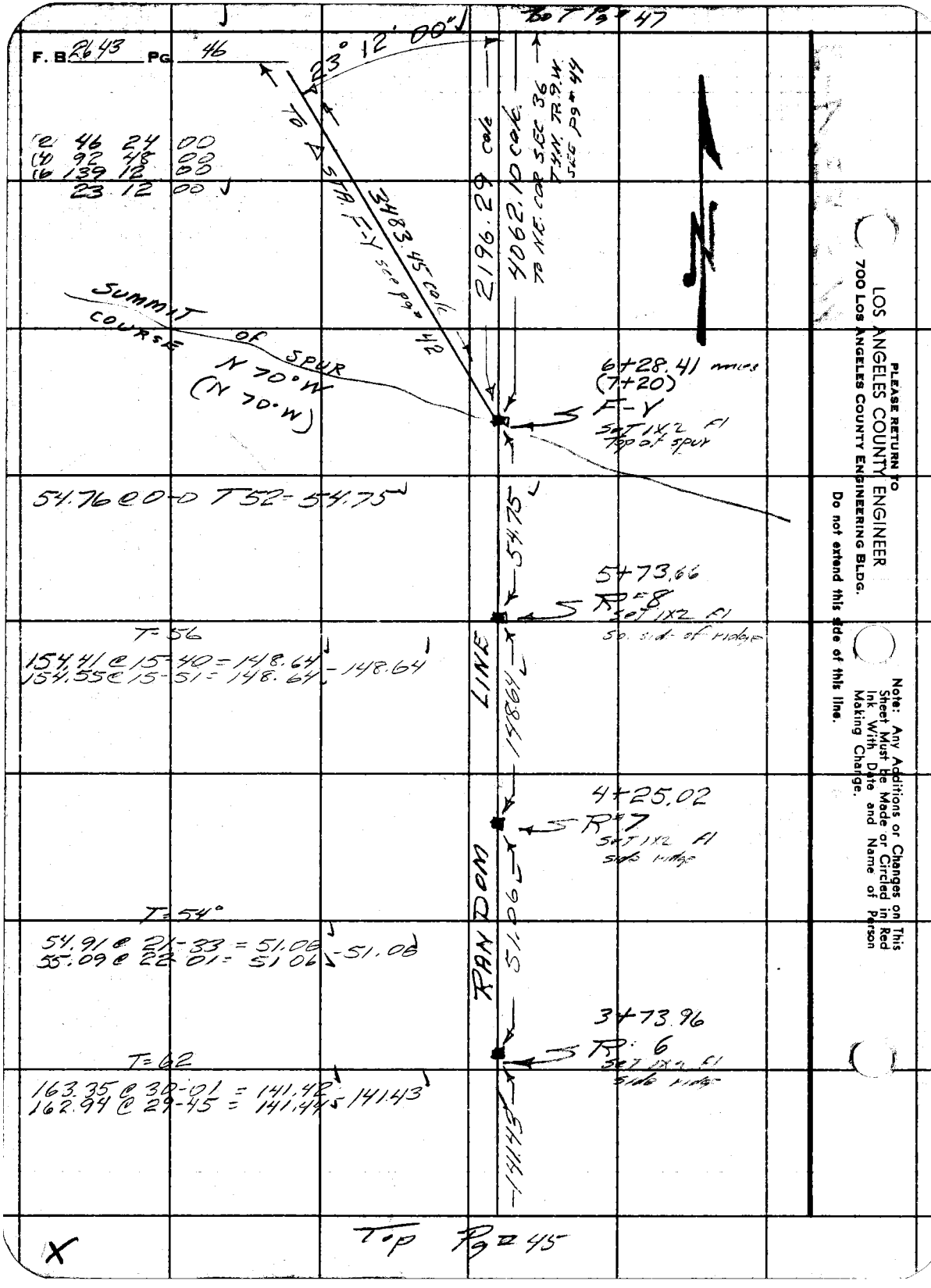
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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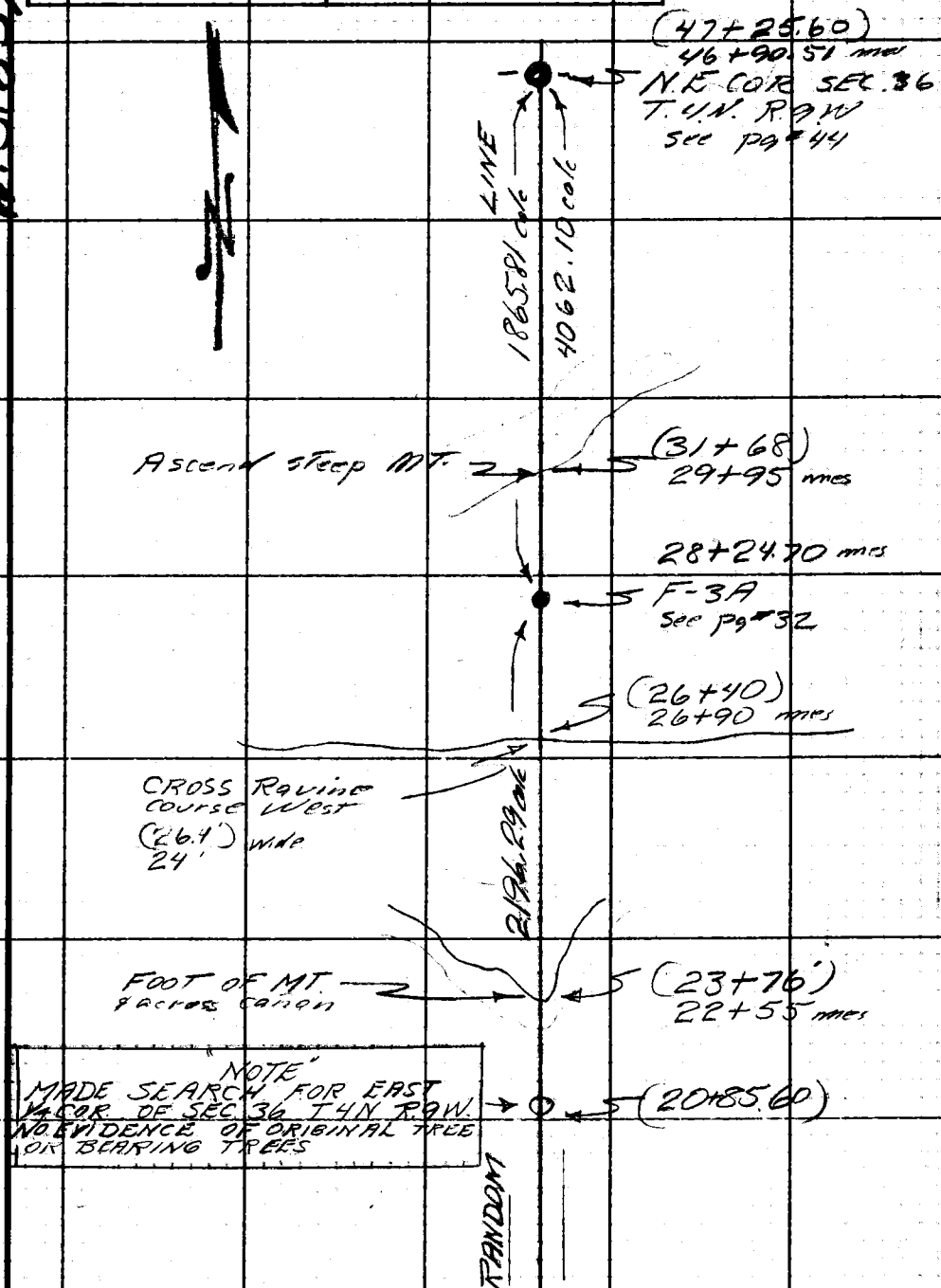
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

W.S.83, A-3

Notes Ck'd by H. E. AUSTIN	Survey of BIG ROCK CREEK RD	F. B. 2643 Pg. 47
Map No.	JN 0302.01 Tape 138 Std 84 °F	
Office Work	Surveyed by W.S. COWHERE	
Checked	Notes W.S.C Date 5-31-60	
Date	Indexed A. C. Johnson	



Top Pg # 46

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 S&E #247 11-58

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F.B. 2643 PG. 48

Profile No.	Notes Red.	Plotted	Job No. 0933.33	Division No. 11	F. B. 2643 Pg. 49
	Date	Date	Survey of Big Rock Creek Rd.		
X-Sec. No.	Notes Chkd. C. J. GALLI	Checked	Survey by Dougherty	Notes Newman	Date 2-10-61
	Date 3-6-61	Date	Map No.	Indexed H. E. OTT	Date MAR 2 '61

Big Rock Creek Rd.

J.N. 0933.33

Profile of "P" Line in Fenner Cn.
for
Arrival Pads Check

2-10-61

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

Dougherty - Chief of Party
Newman - Instrumentman
Sandoval - Rod & Chain
Adams - "
Moore - "

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.P. #63				6425.10	B.P. #63 El. 6425.10	F.B. 1882-27
	0 92	6426 02				
T.P.			10 78	6415 24		
	2 06	6417 30				
T.P.			11 76	6405 54		
	1 29	6406 83				
T.P.			11 92	6394 91		
	1 49	6396 40				
T.P.			12 11	6384 29		
	1 35	6385 64				
T.P.			8 69	6376 95		
	0 92	6377 87				
T.P.			12 00	6365 87		
	1 24	6367 11				
P-1 0+00			11 09	6356 02	1x2 FB2643-9	
	1 20	6357 22				
T.P.			12 24	6344 98		
	1 47	6346 45				
T.P.			11 77	6334 68		
	1 14	6335 82				
T.P.			11 92	6323.90		

F. B. 2643 Pg. 50
Job No. 2933.33 Division No. 11 Notes Red. Plotted Profile
Survey of Big Rock Creek Rd. Date Date No.
Survey by Dougherty Notes Newman Notes Chkd. C. J. GALLI Checked X-Sec.
Indexed H. E. OTT Date Date 3-6-61 Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				6323 90		
	0 53	6324 43				
0+50			4 24	6320 19	1x1	
T.P.			11 50	6312 93		
	1 08	6314 01				
T.P.			11 61	6302 40		
	2 23	6304 63				
T.P.			11 79	6292 84		
	1 18	6294 02				
1+00 ⊙			9 61	6284 41	1x1	
	0 42	6284 83				
1+24			13 8	6271 0	Br. in Gr.	
T.P.			10 30	6274 53		
	1 40	6275 93				
1+50			6 63	6269 30	1x1	
T.P.			0 48	6275 45		
	7 00	6282 45				
2+00			3 78	6278 67	1x1 Ctr. of R & H Trail.	
2+50			6 11	6276 34		
T.P.			11 89	6270 56		
X	0 91	6271 47				

Profile Notes Red ____ Plotted ____ Job No. 093333 Division No. 11 F. B. 2643 Pg. 51

No. X-Sec. Date ____ Date ____ Survey of Big Rock Creek Rd.

Notes Chkd C. J. GALLI Checked ____ Survey by Dougherty Notes Newman Date 2-14-61

No. ____ Date 3-6-61 Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		6271 47				
3+00			2 77	6268 70	1x1	Note P#2 out.
3+50			7 39	6264 08	1x1	
4+00 ⊙			5 93	6265 54	1x1	
	10 59	6276 13				
4+50			7 43	6268 70	1x1	
5+00			4 97	6271 16	1x1	
5+50			5 14	6270 99	1x1	
6+00			8 47	6267 66	1x1	
P-3 6+42 ⊙			9 53	6266 60	1x2	FB2643-10
	3 48	6270 08				
6+50			3 57	6266 51	1x1	
7+00			6 70	6263 38	1x1	
7+50			9 65	6260 43	1x1	
T.P.			9 24	6260 84		
	4 37	6265 21				
P-4 7+61 ⊙			6 00	6259 21	1x2	FB2643-10
	1 34	6260 55				
8+00			7 28	6253 27	1x1	
8+50 ⊙			11 20	6249 35	1x1	
	0 70	6250 05				

F. B. 2643 PG. 52 Job No. 0938.33 Division No. 11 Notes Red. Plotted Profile
Survey of Big Rock Creek Rd. Date Date No. X-Sec.
Survey by Daugherty Notes Newman Notes Chkd. C. J. GALLI Checked
Indexed H. E. Off Date Date 3-6-61 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		6250 05				
9+00			7 64	6242 41	1X1	
T.P.			7 64	6242 41		
	2 00	6244 41				
P-5 9+26.53			7 64	6236 77	1X2	FB. 2643-10
	1 84	6238 61				
9+50			5 49	6233 12	1X1	
T.P.			11 89	6226 72		
	3 27	6229 99				
P-6 9+79.98			7 90	6222 09	1X2	FB 2643-11
	0 08	6222 17				
10+00			7 80	6214 37	1X2	
T.P.			11 54	6210 63		
	1 57	6212 20				
10+50			15 8	6196 4	1X2	
11+00	10+50 — 11.3			6185 1	1X1	Hand Level
11+50	10+50 — 15.0			6181 4	1X2	
T.P.			8 59	6203 61		
	1200	6215 61				
T.P.			0 29	6215 32		
12+00	T.P. — 20.2			6195 1		Hand Level

Profile No. X-Sec. No. Notes Red. Date Plotted Date Job No. 2933.33 Division No. 11 Survey of Big Rock Creek Rd. Notes Chkd. C. L. GALLI Checked Date Survey by Dougherty Notes Newman Date 2-14-61 Date 3-6-61 Date Map No. Indexed H. E. ON Date

F. B. 2643 Pg. 53

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				6215 32		
	10 91	6226 23				
T.P.			0 66	6225 57		
	12 05	6237 62				
P# 7 (S-33)			0 54	6237 08	1" I.P. & Cap Elev = 6237.1 per spec. FB. 2643 - 11	
	0 53	6237 61				
T.P.			12 04	6225 57		
	0 79	6226 36				
13+00 ⊙			12 04	6214 32	1X2	
	0 39	6214 71				
T.P.			11 63	6203 08		
	0 27	6203 35				
T.P.			11 76	6191 59		
	0 27	6191 86				
T.P.			11 95	6179 91		
	0 69	6180 60				
13+50			1 79	6178 81	1X2	
T.P.			11 91	6168 69		
	0 52	6169 21				
T.P.			11 28	6157 93		
	0 27	6158 20				

F. B. 2643 Pg. 54
Job No. 0933.33 Division No. 1 Notes Red Plotted Profile
Survey of Big Rock Creek Rd. Date Date No. X-Sec.
Survey by Dougherty Notes Dougherty Notes Chkd C. J. GALLI Checked
Indexed H. E. OTT Date Date 3-6-61 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
14+00		6158 20	11 74	6146 46	1X2	
	0 12	6146 58				
14+30			120	6134 6	Brk	
14+50			102	6136 4	1X2	
T.P.			631	6140 27		
	5 49	6145 76				
15+00			7 60	6138 16	1X2	
P# 8			4 34	6141 42	1X2	FB 2643 - 11
	11 03	6152 45				
15+50			6 95	6145 50	1X1	
T.P.			0 63	6151 82		
	10 65	6162 47				
16+00			6 00	6156 47	1X1	
P# 9			2 01	6160 46	1X2	FB 2643 - 12
	1 14	6161 60				
16+50			3 30	6158 30	1X1	
T.P.			12 09	6149 51		
	0 42	6149 93				
17+00			1 43	6148 50	1X2	
P# 10			10 53	6139 40	1X2	FB 2643 - 12
X	2 19	6141 59				

Profile Notes Red ____ Plotted ____ Job No. 0933.33 Division No. 11 F. B. 2643 PG. 55
No. X-Sec. Date ____ Date ____ Survey of Big Rock Creek Rd
Notes Chk. L. GALLI Checked ____ Survey by Dougherty Notes JNP Date 2-15-61
No. ____ Date 3-6-61 Date ____ Map No. ____ Indexed H. E. OTT Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		6141 59				
17+50			1 20	6140 39	1X1	
T.P.			11 91	6129 68		
	1 98	6131 66				
18+00			2 83	6128 83	1X2	
18+50			18 0	6113 7	1X1	
18+75	18+50 - 5.4			6108 3	Brk. } Hand Lev.	
19+00			18 0	6113 7		
P#11			9 52	6122 14	1X2	FB-2643-12
	1 65	6123 79				
19+50			2 81	6120 98	1X2	
20+00			3 19	6120 60	1X2	
P#12			9 03	6114 76	1" I.P. P&N	FB 2643-13
	0 43	6115 19				
20+50			2 61	6112 58	1X1	
T.P.			11 26	6103 93		
	1 12	6105 05				
P#13			2 73	6102 32	1X2	FB 2643-13
	0 64	6102 96				
21+00			8 20	6094 76	1X2	
T.P.			12 05	6090 91		
	1 61	6092 52				

F. B. 2643 Pg. 56 Job No. 0933.33 Division No. 11 Notes Red Plotted Profile
Survey of Big Rock Creek Rd. Date Date No. X-Sec.
Survey by JND Notes Dougherty Notes Chkd C. J. GALLI Checked No.
Indexed H. L. OTT Date Date 3-6-61 Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.		609252	12 22	608030		
	0 25	6080 55				
21+50			10 75	606980	1X2	
T.B.M.			840	6072 15	T.B.M. 21+40 Lt. 10' spk in top	
	8 31	6080 46			24" Pine Stump	
22+00	21+50 - 22.2			6047 6	1X2	Hand Level
22+15	21+50 - 26.7			6043 1	Brk. Bot Draw	
22 - 50	21+50 - 16.2			60536	1X2	
23 +00			345	607701	1X2	
T.P.			0 65	607981		
	10 85	609066				
T.P.			0 20	609046		
	8 98	6099 44				
23+50			267	609677	1X1	
PH14			144	6098 00	1X2	FB 2643-13
	1 43	609943				
T.P.			12 09	608734		
	0 50	608784				
24+00			843	607941	1X2	
T. - P.			1138	607646		
X	1 00	6077 46				

Profile Notes Red. Plotted Job No. 0933.33 Division No. 11 F. B. 2643 Pg. 57
No. X-Sec. Date Date Survey of Big Rock Creek Rd.
Notes Chkd. C. L. GALLI Checked Survey by Dougherty Notes JNP Date 2-15-61
No. Date 3-6-61 Date Map No. Indexed H. E. OTT Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.		6077 46	11 93	6065 53		
	0 33	6065 86				
T.P.			11 73	6054 13		
	1 20	6055 33				
24+50			3 21	6052 12	1X2	
T.P.			11 97	6043 36		
	0 18	6043 54				
25+00			13 00	6030 54	1X1	
25+30			2 00	6023 5	Brk Bot. Draw Hand Lev.	
25+50			18 5	6025 0	1X1 H. Lev.	
T.P.			1 86	6041 68		
	0 14	6041 82				
26+00			8 00	6033 82	1X1	
P#15			7 03	6034 79	1X2 FB2643-14	
	0 43	6035 22				
26+50			3 36	6031 86	1X2	
T.P.			11 30	6023 92		
	0 33	6024 25				
27+00			5 42	6018 83	1X2	
27+50			14 4	6009 9	1X2	
T.P.			11 57	6012 68		

F. B. 2643 Pg. 58
Job No. 093333 Division No. 11 Notes Red Plotted Profile
Survey of Big Rock Creek Rd Date Date No.
Survey by Daugherty Notes Daugherty Notes Chkd C. J. GALLI Checked X-Sec.
Indexed H. E. OTT Date Date 3-6-61 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				601268 ✓		
	3 01	6015 69				
28+00			6 57	6009 12	1X2	
P#16.			3 88	6011 81	N&T in 6" Oak	FB2643-14
	7 20	6019 01				
28+50			3 04	601597	1X2	
P#17			2 79	601622	1X2 FB2643-14	
	0 51	6016 73				
29+00			4 98	601175	1X1	
29+50			9 30	600743	1X2	
30+00			10 30	600643	1X2	
T.P.			11 37	600536		
	3 37	6008 73				
30+50			8 23	600050	1X2 } FB2643-14	
P#18			9 29	599944		
	0 31	5999 75				
P#19			12 19	598756	1X2	
	0 88	5988 44				
31+00			1 97	598647	1X1	
T.P.			11 64	597680		
	0 44	5977 24				

Profile Notes Red. Plotted Job No. 0933.33 Division No. 11 F. B. 2643 Pg. 59
No. Date Date Survey of Big Rock Creek Rd.
X-Sec. Notes Chkd C. J. GALLI Checked Survey by JND Notes JND Date 2-16-61
No. Date 3-6-61 Date Map No. Indexed H. E. ON Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
31+50		5977 24	635	597089	1X2	
T.P.			1200	596524		
	030	5965 54				
T.P.			1210	595344		
	060	5954 04				
32+00			581	594823	1X2	
32+50	32+00 - 19.4			59288	1X2	Hand Level
33+00	32+00 - 33.0			59152	1X2	
33+50	32+00 - 39.0			59092	1X2	
33+85	32+00 - 37.0			59112	Brk	
T.P.			073	595331		
	800	596131				
T.P.			105	596026		
34+50	T.P. - 8.6			59517	1X1	Hand Level
34+00	TP - 42.0			59183	1X2	
	1220	597246				
T.P.			031	597215		
	1218	598433				
T.P.			225	598208		
	822	599030				
35+00			465	598565	1X1	

F. B. 2643 Pg. 60
Job No. 093333 Division No. 11 Notes Red Plotted Profile
Survey of Big Rock Creek Rd Date Date No. X-Sec.
Survey by Dougherty Notes Dougherty Notes Chk'd C. J. GALLI Checked No.
Indexed H. E. OTT Date Date 3-6-61 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
P#21		5990 30				
			065	598965	1" IP & Cap.	FB 2643 - 16.
	064	599029				
T.P.			1185	597344		
	015	5978 59				
35+50 ⊙			1214	596645	1X1	
	072	5967 17				
T.P.			1155	595562		
	066	5956 28				
T. P.			1179	594449		
	038	5924 87				
36+00 ⊙			1103	593384	1X1	
	038	5934 22				
T.P.			1188	592234		
	043	5922 77				
T.P.			1173	591104		
	131	5912 35				
36+50			831	590404	1X2	
T.B.M.			787	590448	36+60 Rt 5' sct. spk in 30" Pine stump.	
	022	5904 70				
T. P.			1188	589282		
	069	589351				

Profile Notes Red. Plotted Job No. 42333 Division No. 11 F. B. 2643 Pg. 61
No. X-Sec. Date Date Survey of Big Rock Creek Rd
Notes Chkd. R. J. GALLI Checked Survey by Dougherty Notes N.A.S. Date 2-16-61
No. Date 3-6-61 Date Map No. Indexed H. E. OTT Date

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F. B. 2643 Pg. 62 Job No 0223.33 Division No. 4 Notes Red Plotted Profile
Survey of Big Rock Creek Rd Date No. X-Sec.
Survey by Daugherty Notes Daugherty Notes Chkd C. J. GALLI Checked
Indexed H. E. ON Date Date 3-6-61 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		5893 51				
T.P.			1221	588130		
	061	588191				
37+00			405	587786	1X2	
37+50			142	586777	1X2	
T.P.			753	587438		
	073	587511				
P#22			911	586600	1X2	FB2643-16
	1203	587803				
38+00			1004	586799	1X2	
38+50			300	587503	1X2	
T.P.			091	587712		
	950	588662				
39+00			620	588042	1X2	
P#23			296	588366	1X2	FB2643-16
	054	588420				
39+50			351	588069	1X1	
P#24			836	587584	1X2	FB2643-17
	163	587747				
40+00			563	587184	1X2	
P#25			1165	586582	1X2	FB2643-7
	191	586773				

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
40+50		5867 73	1 86	5865 87	1X2	
41+00			11 29	5856 44	1X2	
T.P.			11 45	5856 28		
	0 94	5857 22				
41+50			10 83	5846 39	1X2	
	0 52	5846 91				
42+00			6 99	5839 92	1X2	
42 ± 50			12 10	5834 81	1X2	
43 400			14 3	583 26	1X2	
T.P.			12 16	5834 75		
	2 77	5837 52				
P#26			6 78	5830 74	1X2	FB2643-17
	2 44	5833 18				
43+50			4 73	5828 45	1X1	
P#27			9 79	5823 39	1X2	FB2643-18
	5 04	5828 43				
44+00			2 46	5825 97	1X2	
P#28			3 85	5824 58	1X2	FB2643-18
	0 43	5825 01				
44 ± 58			10 08	5814 93	1X1	
X	1 13	5816 06				

Profile Notes Red ____ Plotted ____ Job No. 093333 Division No. 11 F. B. 2643 Pg. 63
No. X-Sec. Date ____ Date ____ Survey of Big Rock Creek Rd.
Notes Chkd. C. J. GALLI Checked ____ Survey by Dougherty Notes LND Date 2-17-61
No. ____ Date 3-6-61 Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.		5816 06	11 61	5804 45		
	0 56	5805 01				
T.P.			11 48	5793 53		
	8 72	5802 25				
45+00			13 4	57889	1X2	
45+50	45+00 – 26.1			57628	1X2	
46+00	45+00 – 46.8			57421	1X2	
46+26	45+00 – 53.6			57353	Brk Bot. Draw	Hand Level
46+50	45+00 – 49.4			57395	1X2.	
P#29	Falls in Canyon did not turn down to it.					
47+00	45+00 – 44.4			57445	1X2	
P#30	Falls in Canyon did not turn down.					
49+50 ①			2 73	5799 52	1X2	
49+00	49+50 – 30.2			57693	1X2	
48+50	49+50 – 48.3			57512	1X1	Hand Level
48+00	49+50 – 51.4			57481	1X2	
47+50	49+50 – 54.4			57451	1X1	
49+50				5799 52	see above.	
	11 94	5811 46				
T.P.			0 34	5811 12		
	11 08	5822 20				

5745.1 – 47+50
+ 7.0
5752.1 Hand Level Check in.
– 7.9
5744.2 – 47+00 = 5744.5 H.L from East

F. B. 2643 Pg. 64 Job No. 0933.33 Division No. 11 Notes Red. Plotted Profile
Survey of Big Rock Creek Rd Date Date No. X-Sec.
Survey by Dougherty Notes Dougherty Notes Chkd. C. J. GALLI Checked
Indexed H. E. OD Date Date 3-6-61 Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		582220				
T.P.			011	582209		
	1177	583386				
50+00			107	583279		
T.P.			004	583382		
	1122	584504				
T.P			136	584368		
	995	585363				
P# - 31			734	584629	50+20 43 1X2	FB. 2643-19
	1103	585732				
T.P.			005	585727		
	1148	586875				
50+50			134	586741	1X2	
T.P.			028	586847		
	1034	587881				
T.P.			111	587770		
	671	588441				
P# 32			261	588180	1" I.P. & Cap.	FB 2643-19
	254	588434				
P# 33			813	587621	1X2.	FB 2643-20
X	068	587689				
51+00			700	586989	1X1	

Profile Notes Red. Plotted Job No. 2333 Division No. 1
No. X-Sec. Date Date Survey of Big Rock Creek Rd
Notes Chkd. S. J. GALLI Checked Survey by Burkett Notes WD Date 2-20-61
No. Date 3-6-61 Date Map No. Indexed M. L. CM Date

F. B. 2643 Pg. 65

76L-298 S & E #307—1-56

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F. B. 2643 Pg. 66 Job No. 073333 Division No. 11 Notes Red _____ Plotted _____ Profile
Survey of Big Rock Creek Rd. Date _____ No. _____ X-Sec.
Survey by Dougherty Notes Dougherty Notes Cked C. J. GALLI Checked _____ No. _____
Indexed O. E. OD Date _____ Date 3-6-61 Date _____

STATION	B. S.	H. I.	F. S.	ELEV.		
		5876 89				
T.P.			1153	586536		
	194	586730				
T.P.			1146	585584		
	100	585684				
T.P.			1117	584567		
	006	584573				
51+50 ⊙			1093	583480	IXI	
	226	583706				
T.P.			1202	582504		
	024	582528				
T.P.			1191	581337		
	055	581392				
T.P			1176	580216		
	016	580232				
52+00			375	579857	IXI	
T.P.			1152	579080		
	035	577915				
T.P.			1164	577951		
	064	578015				
T.P.			1066	576949		
	062	577011				

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		5770 11				
52+50			455	576556	1X1	
52+64			117	57584	Brk.	
			930	576081		
	007	576088				
53+00			843	575245	1X1	
T.P.			1164	574924		
	001	574925				
53+50			922	574003	1X1	
P# 34			1189	573736	1X2	FB2643-20
	022	5737 58				
54+00			868	572890	1X1	
54+50			951	572807	1X1	
55+00			965	572793	1X1	
55+50			760	572998	1X1	
P# 35			811	572947	1X2.	FB2643-20
	043	572990				
56+00			344	572646	1X1	
T.P.			1189	571801		
	032	571833				
X 56+80			600	571227		
T.P.			833	571000		

Profile Notes Red. Plotted Job No. 0733.32 Division No. 4 F. B. 2643 PG. 67
No. X-Sec. Date Date Survey of Big Rock Creek Rd.
Notes Chkd. C. J. GALLI Checked Survey by Dougherty Notes JWD Date 2-20-61
No. Date 3-6-61 Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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F. B. 2643 Pg. 68 | Job No 0933.33 Division No. 11 | Notes Red | Plotted | Profile
Survey of Big Rock Creek Rd. | Date | Date | No. | X-Sec.
Survey by Dougherty | Notes Dougherty | Notes Chkd G. J. GALLI Checked | No.
Indexed H.E.O.M. | Date | Date 3-6-61 | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				571000		
	040	571040				
P-36			932	570108	1" IP & Cap	FB2643-21
	461	570569				
57+00			391	570178	1X1	
57+50			546	570023	1X1	
58+00			889	569690	1X1	
P#37			1004	569565	1X2	FB 2643-21
	182	569747				
58+50			482	569265	1X1	
P#38			927	568820	1X2	FB 2643-22
	073	568893				
59+00			221	568672	1X1	
59+50			837	568056	1X1	
60+00			125	56764	1X1	
T.P.			985	567908		
	059	567967				
60+50			851	567116	1X1	
61+00			1185	566782	1X1	
	466	567248				
P#39			621	566627	1" IP & Cap.	FB2643-22

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
P#39				566627	See Last Pg.	
	371	566998				
61+50			426	566572	1X1	
62+00			1119	565879	1X1	
T.P.			977	566021		
	027	566048				
P#40			643	565405	1X2	FB 2643-23
	124	565329				
62+50			924	564605	1X1	
63+00	62+50 - 15.7			56304	1X1	Hand Level.
63+50	62+50 - 28.6			56175	1X1	
64+00	62+50 - 31.0			56151	1X1	
T.P.			714	564815		
64+50	T.P. - 13.0			56352	Hand Level 1X1	
	876	565691				
65+00			535	565156	1X1	
P#41			193	565498	1" I.P. & cop.	FB. 2643-23
	067	565565				
T.P.			1181	564384		
X	033	564417				
65+50			484	563933	1X1	

Profile Notes Red. Plotted Job No 0233.33 Division No. 11
No. X-Sec. Date Survey of Big Rock Creek Rd.
Notes Chkd. G. J. GALLI Checked Survey by Dougherty Notes W.H.D. Date 2-21-61
No. Date 3-C-61 Date Map No. Indexed H. E. OH Date

F. B. 2643 PG. 69

76L-298 S & E #307—1-56

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F. B. 2643 Pg. 70 Job No 02333 Division No. 11 Profile
Survey of Big Rock Creek Rd Notes Red Plotted
Survey by W.M.D. Notes W.M.D. Date Date No X-Sec.
Indexed H. E. Off Date Notes Chkd. C. J. GALLI Checked Date 3-6-61 No

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		5644 FT				
T.P.			11 80	563237		
	056	563293				
T.P.			11 92	562101		
	063	562164				
66+00			427	561737	1X1	
66+50			182	560347	1X1	
T.P.			11 79	560985		
	083	561068				
T.P.			1129	559939		
	291	560230				
67+00			561	559669	1X1	
67+50			484	559746	1X1	
68+00			630	559600	1X1	
P#42			634	559596	1X2	FB 2643-23
	142	559738				
68+50			670	559068	1X1	
69+00 ①			1127	558611	1X1	
	158	558769				
P#43			998	557771	S1"IP & cap	FB 2643-24
	122	557893				
69+50			180	557713	1X1	

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		5578 93				
70+00			9 17	556976	1X1	
70+50			8 88	557005	1X1	
T.P.			11 05	556788		
	1 96	556984				
71+00			6 88	556296	1X1	
P#44			7 60	556224	1X2	FB 2643-24
	1 37	556361				
71+50			8 44	555517	1X1	
T. P.			12 22	555139		
	0 71	555210				
72+00			6 05	554605	1X1	
T.P.			11 92	554018		
	0 63	554081				
72+50			3 40	553741	1X1	
73+00			8 62	553219	1X1	
T.P.			12 06	552875		
	2 05	553080				
73+50			3 42	552738	1X1	
P#45			5 67	552513	1X2	F.B. 2643-24
	1 92	552705				
74+00			8 05	551900	1X1	

Profile No. X-Sec. No. Notes Red Date Plotted Date Notes Chkd C. J. GALLI Date 3-6-61 Checked Date Job No. 093333 Division No. 11 Survey of Big Rock Creek Rd Survey by Dougherty Notes JND Date 2-22-61 Map No. Indexed H. E. OTT Date

F. B. 2643 Pg. 71

76L-298 S & E #307—1-56

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F. B. 2643 Pg. 71 Job No 2233.33 Division No. 11 Notes Red. Plotted Profile No.
Survey of Big Rock Creek Rd Date Date No. X-Sec.
Survey by LAND Notes LAND Notes Chkd. E. J. GALLI Checked No.
Indexed H. E. ON Date Date 3-4-61 Date

STATION	B. S.	H. I.	F. S.	ELEV.		
		552705				
T.P.			1193	551512		
	226	551738				
T.P.			1075	550663		
	085	550748				
74+50			1046	549702	1X1	
75+00			151	549247	1X1	
75+50 ⊙			943	549805	1X1	
	1072	550877				
76+00			396	550481	1X1	
P#46.			561	550316	1" I.P. & Cap.	F.B 2643-25
	248	550564				
76+50			214	550350	1X1	
77+00 ⊙			837	549727	1X1	
	181	549908				
P#47			825	549083	1X2	FB 2643-25
	045	549128				
77+50			621	548507	1X1	
T.P.			1211	547917		
	561	548478				
T.P.			1175	547303		
	024	547327				

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		5473 27				
78+00			5 10	5468 17	1X1	
T.P.			11 85	5461 42		
	0 99	5462 41				
78+50			13 9	5448 5	1X1	
78+81			19 5	5442 9	Brk Bot Draw.	
79+00			16 3	5446 1	1X1	
T.P.			9 30	5453 11		
	10 49	5463 60				
79 +50			8 08	5455 52	1X1	
T.P.			1 98	5461 62		
	8 59	5470 21				
80+05			7 50	5462 71	1X1	
P#48			5 09	5465 12	1X2.	F.B 2643-25
	4 94	5470 06				
80+50			3 35	5466 71	1X1	
P#49			3 75	5466 31	1X2	F.B 2643-26.
	4 31	5470 62				
T.P.			12 07	5458 55		
	0 88	5459 43				
81 +00			1 88	5457 55	1X1	

Profile Notes Red ____ Plotted ____ Job No. 0933.33 Division No. 11 F. B. 2643 Pg. 73
No. ____ Date ____ Date ____ Survey of Big Rock Creek Rd
X-Sec. Notes Chkd. L. GALLI Checked ____ Survey by DeJgherty Notes VND Date 2-24-61
No. ____ Date 3-6-61 Date ____ Map No. ____ Indexed H. E. OTT Date ____

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F. B. 2643 Pg. 74 | Job No 0251.33 Division No 11 Notes Red Plotted Profile
Survey of Big Rock Creek Rd Date No X-Sec.
Survey by JNO Notes JNO Notes Chkd C. J. GALLI Checked
Indexed H. E. ON Date Date 3-6-61 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		5459 43				
T.P.			12 25	5447 18		
	039	5447 57				
81+50			9 45	5438 12	1X1	
T.P.			12 00	5435 57		
	120	5436 77				
82+00			11 05	5425 72		
T.P.			12 10	5424 67		
	076	5425 43				
82+50			6 12	5419 31	1X1	
T.P.			11 70	5413 73		
	161	5415 34				
83+00			3 95	5411 39	1X1	
83+50			8 67	5406 67	1X1	
P#50			10 35	5404 99	1X2	F.B. 2643-26.
	965	5414 64				
84+00			11 43	5403 21	1X1	
84+50			9 60	5405 04	1X1	
85+00			7 27	5407 37	1X1	
85+50			5 22	5409 42	1X1	
P#51			4 58	5410 06	1 IP 9/Cap	FB 2643-26.
	204	5412 10				

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STATION	B. S.	H. I.	F. S.	ELEV.		
86+00		5412 10	8 30	5403 80	1X1	
T.P.			11 42	5400 68		
	1 86	5402 54				
T.P.			11 89	5390 65		
	0 42	5391 07				
86+50			1 41	5389 66	1X1	
T.P.			9 52	5381 55		
	2 26	5383 81				
87 +00			12 4	5371 4	1X1	
87+50			6 14	5377 67	1X1	
88+00			6 06	5377 75		
P# 52			5 31	5378 50	1X2	FB2643-27
	1 75	5380 25				
88+50			7 23	5373 02	1X1	
89+00			12 4	5367 9	1X1	
T.P.			0 80	5379 45		
	3 85	5383 30				
89+50			4 40	5378 90	1X1	
T.P.			0 63	5382 67		
X	10 02	5392 69				
90 +00			6 39	5386 30	1X1	

Profile Notes Red ____ Plotted ____ Job No. 09333 Division No. 11 F. B. 2643 PG. 75
No. ____ Date ____ Date ____ Survey of Big Rock Creek Rd.
X-Sec. Notes Chkd. C. L. GALLI Checked ____ Survey by Dougherty Notes JND Date 2-24-61
No. ____ Date 3-6-61 Date ____ Map No. ____ Indexed H. E. OTT Date ____

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F. B. 2643 Pg. 76 Job No. 09333 Division No. 11 Notes Red Plotted Profile
Survey of Bug Rock Creek Rd Date No X-Sec.
Survey by V.N.D. Notes V.N.D. Checked J. GALLI
Indexed H. E. Ott Date Date 3-6-61 No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		5392 69				
90+50			4 21	538848	1X1	
P# 53			4 51	538818	1" IP & Cap	F.B 2643-27
	187	5390 05				
T.P			11 77	537828		
	047	537875				
91+00			241	537634	1X1	
T.P.			1215	536660		
	207	536867				
91+50			866	536001	1X1	Edge R & H. Tr.
T.P.			1225	535642		
	112	535754				
T.P.			1103	534651		
	071	534722				
92+00			785	533937	1X1	
92+15			111	5336 1	Bot Draw.	
92+50			864	533858	1X1	
	235	534093				
P# 54			677	533416	1X2.	FB2643-27
	138	533554				
93+00			270	533284		
93+17			56	53299	Brk.	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		5335 54				
93+22			103	53252	Brk.	
93+50			146.	53209	1X1 Bot draw	
93+80			89	53266	Brk.	
94+00 ⊙			1157	532397	1X1	
	360	5327 57				
P# 55			563	532194	1X2 F.B 2643-28	
	092	5322 86				
94+50			332	531954	1X1	
95+00 ⊙			1182	531104	1X1	
	113	5312 17				
95+51			737	530480	1X1	
T.P.			1207	530010		
	069	5300 79				
96+00			423	529656	1X1	
96+50			844	529235	1X1	
P# 56			1049	529030	1X2 FB2643-28	
	338	5293 68				
97+00			415	528953	1X1	
97+50			1053	528315	1X1	
T.P.			1172	528196		
X	079	5282 75				

Profile Notes Red. Plotted Job No. 0923.33 Division No. 11 F. B. 2643 PG. 77
No. X-Sec. Date Date Survey of Big Rock Creek Rd.
Notes Chkd C. L. GALLI Checked Survey by Dougherty Notes JND Date 2-24-60
No. Date 3-6-61 Date Map No. Indexed H. E. ON Date

76L-298 S & E #307—1-56

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F. B. 2643 Pg. 78 | Job No 6933.33 Division No. 11 Notes Red Plotted Profile
Survey of Big Rock Creek Rd. Date Date No X-Sec.
Survey by WND Notes WND Notes Chkd. C. J. GALLI Checked
Indexed M. E. OTT Date Date 3-6-61 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
98+00		5282 75	8 87	527388	1X1	
98+50			10 18	527257	1X1	Side of Cut Bank.
T.P.			10 30	527245		
	409	5276 54				
98+71			105	52660	Brk Bot Cut	
99+00			11 14	526570	1X1	Rd.
P-57			11 4	526571	Gr.	FB 2643-28
T.P.			1 21	527533		
	12 21	5287 54				
T.P.			0 65	528689		
	12 35	5299 24				
T.P			0 86	529888		
	12 28	5311 16				
T.P.			1 25	530991		
	11 37	5321 28				
T.P			1 31	531997		
	11 38	5331 35				
T.P			1 51	532984		
	10 21	5340 05				
T.P			0 99	533906		
	11 10	5350 16				

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
		5350 16					
T.P.			1 37	5348 79			
	11 24	5360 03					
T.P.			1 34	5358 69			
	11 62	5370 31					
T.P.			0 59	5369 72			
	10 64	5380 36					
T.P.			0 43	5379 93			
	5 65	5385 58					
T.P.			4 52	5381 06			
	3 37	5384 43					
T.P.			9 40	5375 03			
	3 23	5378 26					
B.M.			4 67	5373 59	B.M.	Elev. 5373.61	F.B.- 2214-44

X

Profile Notes Red. Plotted Job No. 09333 Division No. 11 F. B. 2643 Pg. 79
No. Date Date Survey of Big Rock Creek Rd.
X-Sec. Notes Chkd. C. J. GALLI Checked Survey by Dougherty Notes Newman Date 2-24-61
No. Date 3-6-61 Date Map No. Indexed H. E. OTT Date

F. B. 2643 Pg. 80 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & K #307—1-56

Profile No. ____ X-Sec. No. ____

Notes Red. ____ Plotted ____ Date ____ Date ____

Notes Chkd. C. J. GALLI Date 3-6-61 Checked ____ Date ____

Job No. 0933.33 Division No. 11

Survey of BIG ROCK CREEK ROAD

Survey by L.V. SMITH Notes L.V.S. Date 2-20-61

Map No. ____ Indexed H. S. OTT Date MAR 2 '61

F.B. 2643 Pg. 81

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

BIG ROCK CREEK ROAD

J.N. 0933.33

CROSS SECTION AT 3+00 ON A LINE 90° TO LINE TO P-1 FOR CHECK ON AERIAL TOPOG.

FEB. 20, 1961

PARTY
L.V. SMITH
C.V. CROWE
I.F. TRETTEEN
V.L. HUCKABY
T.C. URELL

76L298 307 10-51

76L298 307 10-51

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
3+00 ℄	4 51	6273 21		6268 70	STATION 3+00 ELEV = 6268.70 FB 2643-52
					FD. 1X1 ON TRAIL
5° R.			4 2	6269 0	BOT. BRK ON TRAIL
47.5 R.			+22 7	6295 9	SIDE OF HILL
97.7 R.			+55 7	6328 9	SIDE OF HILL
148.6 R.	4 45	6365 85	+88 2	6361 4	SIDE OF HILL
204.4 R.			+30 2	6396 0	SIDE OF HILL
255.3 R.			+60 2	6426 0	SIDE OF HILL
291.4 R			+81 2	6447 0	SIDE OF HILL
3+00 ℄	4 32	6273 02		6268 70	STATION 3+00 ELEV = 6268.70 FB 2643-52
					FD. 1X1 ON TRAIL
1.0 L.			4 3	6268 7	EDGE OF TRAIL
50.3 L			31 8	6241 2	SIDE OF HILL
103.1 L.			60 4	6212 6	SIDE OF HILL
116.5 L.			70 7	6202 3	INNER SIDE OF TRAIL
123.5 L.			71 8	6201 2	OUTSIDE OF TRAIL
154.0 L.			91 2	6181 8	BOT. BRK
159.0 L	4 57	6185 77	91 8	6181 2	SET 1X1 IN DRAW
166.0 L.			6 5	6179 3	BOTTOM DRAIN
202.2 L.			11 0	6174 8	BOT. BRK - LEAVING DRAW - SLY. EDGE OF ROAD

F.B. 2643 Pg. 82
Job No. 0933.33 Division No. 11 Notes Red. Plotted
Survey of Big Rock Creek Road Date Date No.
Survey by L.V. Smith Notes L.V.S. Notes Chkd. C. J. GALLI Checked X-Sec.
Indexed H. E. OTT Date Date 3-6-61 Date No.
Profile

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.		
3+00						
		6185 77				
239.0 L.	4 20	6187 22	2 75	6183 02	1x1 ON SIDE HILL	
287.8 L.			+12 9	6200 1	SIDE HILL	
316.1 L.	4 20	6214 70	+23 3	6210 5	1x1 ON SIDE HILL	

X

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Date ____ Job No. 0922-33 Division No. 11 Survey of BIG ROCK CREEK ROAD

X-Sec. No. ____ Date ____ Notes Chkd. C. J. GAULL Checked ____ Date ____ Survey by L.V. SMITH Notes L.V.S. Date 2-20-61

Map No. ____ Indexed ____ Date ____ H. E. ON

F.B. 2643 Pg. 83

F.B. 2643 PG. 84 | Job No. 0933-33 | Division No. 11 | Notes Red. | Plotted | Profile

Survey of BIG ROCK CREEK ROAD | Date | Date | No.

Survey by L.V. SMITH | Notes L.V.S. | Notes Chkd | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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

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76L298 307 10-51

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Profile No. X-Sec. No.

Notes Red Plotted Job No 0933.33 Division No. 11 F.B. 2643 Pg. 85

Date Date Survey of BIG ROCK CREEK ROAD

Notes Chkd C. J. GALLI Checked Survey by L.V. SMITH Notes L.V.S. Date 2-23-61

Date 3-6-61 Date Map No. Indexed H. E. OTT Date

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BIG ROCK CREEK ROAD

J.N. 0933.33

CROSS SECTION AT P-28 ON A LINE FORMING AN ANGLE OF 108° 54' 45" TO THE RIGHT FROM LINE TO P-29 FOR CHECK ON AERIAL TOPOG.

FEB 23, 1961

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

PARTY
L.V. SMITH
C.V. CROWE
I.F. TRETTEEN
V.L. HUCKABY
T.C. URELL

76L298 307 10-51

76L298 307 10-51

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
44+24.12 P-28				5824 58	P-28 ELEV = 5824.58 F.B. 2643-63
	418	5828 76			1x2 & NAIL ON SPUR
50.4 R.			+21 7	5850 5	ON SPUR
102.2 R			+45 5	5874 3	ON SPUR
124.7 R			+54 5	5883 3	1x1 ON SPUR - BREAK IN GRADE
	506	5888 36			
177.4' R.			+14 0	5902 4	SIDE HILL
224.5' R.			+33 5	5921 9	" "
259.4' R.			+45 7	5934 1	1x1 SIDE HILL
	440	5938 5			
312.7' R.			+14 6	5953 1	1x1 SIDE HILL
P-28 44+24.12				5824 58	P-28 ELEV = 5824.58 FB 2643-63
	427	5828 85			1x2 & NAIL ON SPUR
52.3 L.			32 2	5796 7	ON SPUR
100.3 L.			59 1	5769 8	ON SPUR
145.1 L.			84 7	5744 2	1x1 ON SPUR
	442	5748 6			
193.9 L.			30 4	5718 2	ON SPUR
241.7 L.			57 6	5691 0	ON SPUR
298.6 L			89 1	5659 5	BOT. BREAK - NLY SIDE DIRT ROAD

F.B. 2643 PG. 86

Job No. 0933-33 Division No. 11 Notes Red. Plotted No. Profile

Survey of Big Rock Creek Road Date Date X-Sec.

Survey by L.V. Smith Notes L.V.S. Notes Chkd C. J. GALLI Checked No.

Indexed H. E. Ott Date Date 3-6-61 Date

Profile No. ____ X-Sec. No. ____

Notes Red ____ Plotted ____ Job No 0933.33 Division No. 11 | F.B. 2643 Pg. 87

Date ____ Date ____ Survey of BIG ROCK CREEK ROAD

Notes Chkd ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 2-21-61

Date ____ Date ____ Map No. ____ Indexed M. E. OTT Date MAR 2 '61

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

P-11

BIG ROCK CREEK ROAD

J.N. 0933.33

CROSS-SECTION AT P-14 ON A LINE FORMING AN ANGLE OF 65° 33' 22" TO THE RIGHT FROM LINE TO P-11 FOR CHECK ON AERIAL TOPOG.

FEB-21, 1961

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

PARTY
L.V. SMITH
C.V. CROWE
V.L. HOCKABY
~~I.F. TRETTEEN~~
T.C. URELL

76L298 307 10-51

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	
P-14				6098 00	P-14 ELEV. = 6098.00 FB. 2643-57
	4 20	6102 20			1x2 & N.
50.6 R			+23 4	6125 6	SIDE OF HILL
100.0 R.			+47 6	6149 8	TOP OF BREAK SET 1x1
	3 94	6153 74			
149.7 R.			+13 6	6167 3	SIDE HILL
205.1 R.			+30 9	6184 6	" "
250.0 R			+44 6	6198 3	" "
290.2 R			+58 7	6212 4	" " SET 1x1
P-14				6098 00	P-14 ELEV: 6098.00 F.B. 2643-57
	4 25	6102 25			1x2 & N.
46.4 L.			32 6	6069 7	SLOPE
93.7 L.			64 5	6037 8	"
139.1 L			93 8	6008 5	"
163.8 L.			108 0	5994 3	BREAK IN GRADE
203.7 L.			128 4	5973 9	" " " SET 1x1
	4 38	5978 28			
275.8 L.			22 4	5955 9	" " "
313.9 L.			31 7	5946 6	SET 1x1

F.B. 2643 Pg. 88
Job No. 0933 33 Division No. 11 Notes Red. Plotted
Survey of Big Rock Creek Rd. Date Date No.
Survey by L.W. Smith Notes L.V.S. Notes Chkd C. J. GALLI Checked X-Sec.
Indexed E. Ott Date Date 3-6-61 Date No.
Profile

Profile No. _____ Notes Red _____ Plotted _____ Job No. 0933.33 Division No. 11 F.B. 2643 PG. 89

Date _____ Date _____ Survey of BIG ROCK CREEK ROAD

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by L.V. SMITH Notes L.V.S. Date 2-23-61

Date _____ Date _____ Map No. _____ Indexed H. E. OTT Date _____

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STATION	B.S.	H.I.	F.S.	ELEV.	
P-28		5748 6?			
311.1' L.			899	5658 7?	1X1 ON S.WLY. SIDE OF DIRT ROAD

76L298 307 10-51

F.B. 2643 PG. 90 | Job No. 0933.33 | Division No. 11 | Notes Red. | Plotted | Profile

Survey of BIG ROCK CREEK ROAD | Date | Date | No.

Survey by L.V. SMITH | Notes: L.V.S. | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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

761298 307 10-51

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Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 093333 Division No. 11

Notes Chkd ____ Date ____ Checked ____ Date ____ Map No. ____

F.B. 2643 PG. 91

Survey of BIG ROCK CREEK ROAD

Survey by L.V. SMITH Notes L.V.S. Date 2-23-61

Indexed H. E. ON Date MAR 2 '61

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BIG ROCK CREEK ROAD

J.N. 0933.33

CROSS SECTION AT P-43 ON A LINE FORMING AN ANGLE OF 89° 26' 37" TO THE RIGHT FROM LINE TO P-44 FOR CHECK ON AERIAL SURVEY

FEB. 23, 1961

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

PARTY
L.V. SMITH
C.V. CROWE
V.L. HUCKABY
I.F. TRETTEBN
T.C. URELL

76L298 307 10-51

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	
P-43				5577 71	P-43 ELEV. = 5577.71 F.B. 2643-70
	463	5582 34			FD. 1" I.P. & CAP
18.2 R.			+35	5585 8	BRK. IN GRADE
52.0 R			+97	5592 0	" " "
103.7 R			+285	5610 8	SIDE HILL
148.1 R.			+470	5629 3	" "
199.1 R			+706	5652 9	" "
253.3 R.			+995	5681 8	" "
276.0 R.			+1130	5695 3	" "
P-43				5577 71	P-43 ELEV. = 5577.71 F.B. 2643-70
	433	5582 04			FD. 1" I.P. & CAP.
50.9 L.			328	5549 2	SIDE HILL
76.2 L.			5017	5531 87	1X1 BREAK IN GRADE
	450	5536 37			
126.5 L.			377	5498 7	SIDE HILL
168.3 L			634	5473 0	SIDE HILL
212.9 L.			862	5450 2	BRK. IN GRADE
224.9 L.			874	5449 0	1X
282.1 L.			938	5442 6	BRK. IN GRADE
297.6 L.			966	5439 8	1X1 BOT. DRAIN

F.B. 2643 PG. 92 Job No. 0233.33 Division No. 11 Notes Red. Plotted No. Profile
Survey of Big Rock Creek Road Date Date No. X-Sec.
Survey by L.V. Smith Notes L.V.S. Notes Chkd C. J. GALLI Checked
Indexed H. E. OTT Date Date 3-6-61 Date No.

Notes Ck'd by	Survey of Big Rock Cr. Rd.
Map No.	JND933.33 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes Dougherty Date 2-24-61
Date	Indexed H. E. OTT MAR 2 '61

F.B. 2643 Pg. 93

Horizontal dist. to indicated pts

@ P#55

Note see next Pg for Trig Levels

π @ P#55

(F) 300.0 @ 24°14' = 273.6'
(E) 250.0 @ 22°38' = 230.7'
(D) 200.0 @ 20°09' = 187.8'
(C) 150.0 @ 16°42' = 143.7'
(B) 100.0 @ 14°42' = 96.7'
(A) 50.0 @ 12°42' = 48.8'

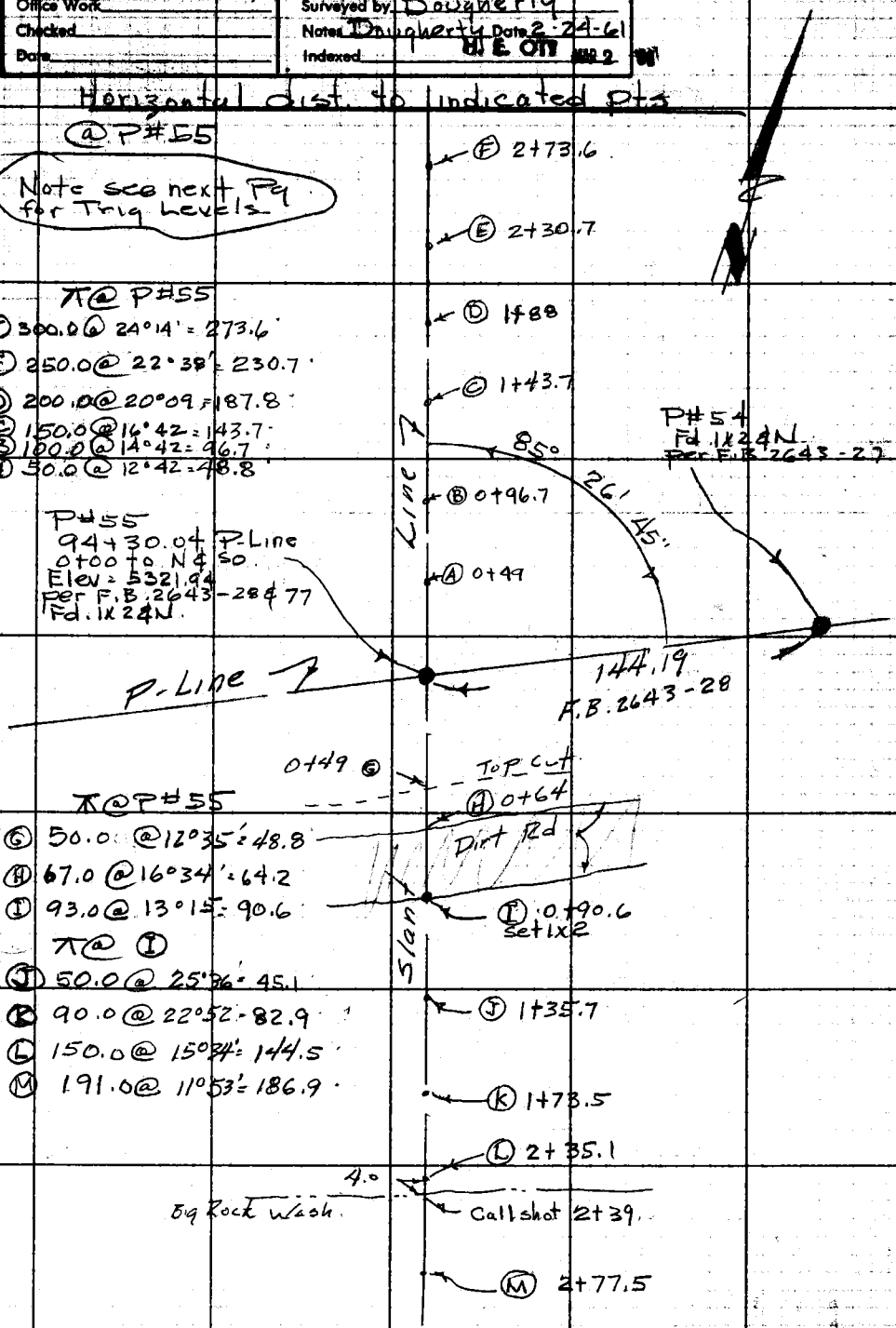
P#55
94+30.04 P-Line
0+00 to N & So.
Elev = 5321.94
Per F.B. 2643-28 & 77
Fd. 1x2 & N.

π @ P#55

(G) 50.0 @ 12°35' = 48.8
(H) 67.0 @ 16°34' = 64.2
(I) 93.0 @ 13°15' = 90.6

π @ (I)

(J) 50.0 @ 25°36' = 45.1
(K) 90.0 @ 22°52' = 82.9
(L) 150.0 @ 15°34' = 144.5
(M) 191.0 @ 11°53' = 186.9



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76F3095 CE #247—3

F.B. 2643 Pg. 94

Vertical Angle Levels to Indicated Pt.

Slant Line to North. π @ P#55 H.I = 4.89

(A) Rod 5.00 ① +12-41-00 ② +12-43-00 +12° 42' 00"	(B) Rod 5.00 ① +14-41-00 ② +14-43-00 +14° 42' 00"	(C) Rod 5.00 ① 16-41-30 ② 16-43-00 +16° 42' 15"	(D) Rod 5.00 ① +20-07-45 ② +20-09-30 +20° 08' 40"	(E) Rod 5.00 ① +22-37-00 ② +22-39-00 +22° 38' 00"
(A) Rod 6.00 ① +13-47-00 ② +13-50-00 +13° 48' 30"	(B) Rod 6.00 ① 15-14-30 ② 15-16-30 +15° 15' 30"	(C) Rod 6.00 ① +17-03-00 ② +17-05-00 +17° 04' 00"	(D) Rod 6.00 ① 20-23-30 ② 20-26-00 +20° 24' 45"	(E) Rod 6.00 ① +22°-48-00 ② +22°-50-30 +22° 49' 15"
(F) Rod 5.00 ① 24-13-30 ② 24-15-30 +24° 14' 00" (F) Rod 6.00 ① 24-24-00 ② 24-25-45 +24° 24'-50"				

Slant Line to South

π @ P#55 H.I = 4.82

(G) Rod 5.00 ① -12-35-30 ② -12-34-00 -12° 34' 45"	(H) Rod 7.00 ① -16-35-30 ② -16-33-00 -16° 34' 15"	(I) Rod 5.00 ① -13-15-30 ② -13-14-45 -13° 15' 07"
(G) Rod 6.00 ① -11-27-15 ② -11-27-00 -11° 27' 07"	(H) Rod 8.00 ① -15-45-00 ② -15-43-45 -15° 44' 22"	(I) Rod 6.00 ① -12-40-15 ② -12-39-00 -12° 39' 37"

π @ (I) H.I = 4.45

(J) Rod 5.00 ① -25-36-15 ② -25-35-00 -25° 35' 37"	(K) Rod 5.00 ① -22-51-45 ② -22-52-45 -22° 52' 15"	(L) Rod 5.00 ① -15-34-15 ② -15-33-15 -15° 33' 45"	(M) Rod 5.00 ① -11-54-00 ② -11-53-00 -11° -53' 30"
(J) Rod 6.00 ① -24-34-30 ② -24-33-30 -24° 34' 00"	(K) Rod 6.00 ① -22-18-30 ② -22-17-30 -22° 18' 00"	(L) Rod 6.00 ① -15-10-30 ② -15-11-45 -15° 11' 07" Call shot 4' So. Dn. 2.0 Bot. Wash	(M) Rod 6.00 ① -11-34-30 ② -11-35-45 -11° 35' 07"

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Notes Ck'd by W. D. WAGNER	Survey of BIG ROCK CREEK RD	F. B. 2643 PG. 95
Map No.	JN 0933.33 Tape 152 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C. Date 5-18-61	
Date	Indexed JUL 21 '61 H. E. OTT	

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FINAL ℄

BIG ROCK CREEK ROAD

FROM SAN GABRIEL CYN. ROAD AT HEAD FENNER CYN. WLY.
2 MILES TO EXISTING BIG ROCK CREEK ROAD

JN-0933.33

FB-2643

MAY-61

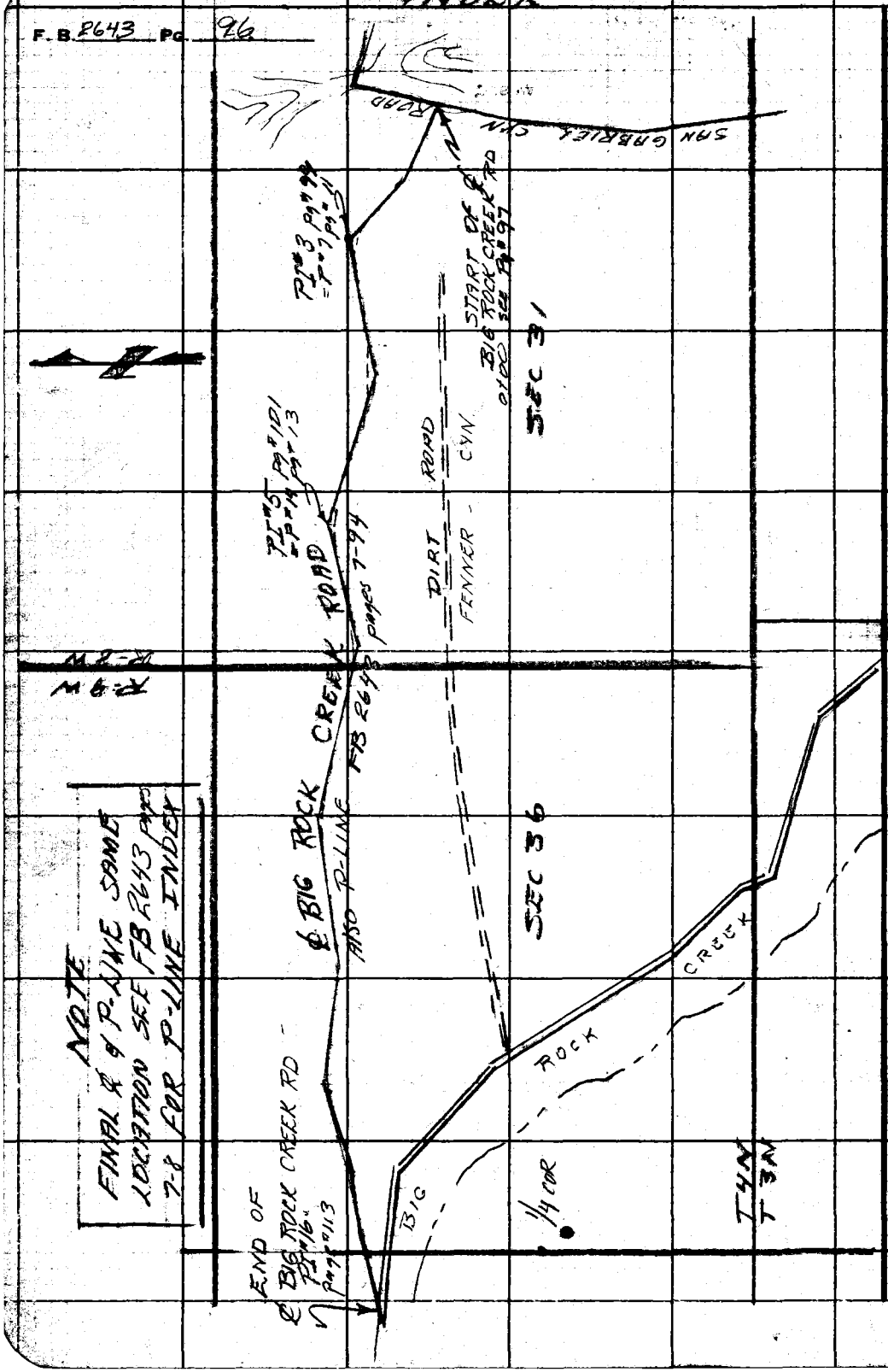
REFERENCE
FB 1882
FB 2643-5 TO 94
FOR P-LINE LOCATION
SAME AS FINAL ℄

PARTY
W. S. COWHERD
J. TERRANOVA
R. STRADER
B. JACKSON

76F3098 S&E 2247 11-60

INDEX

F. B. 2643 Pg. 96



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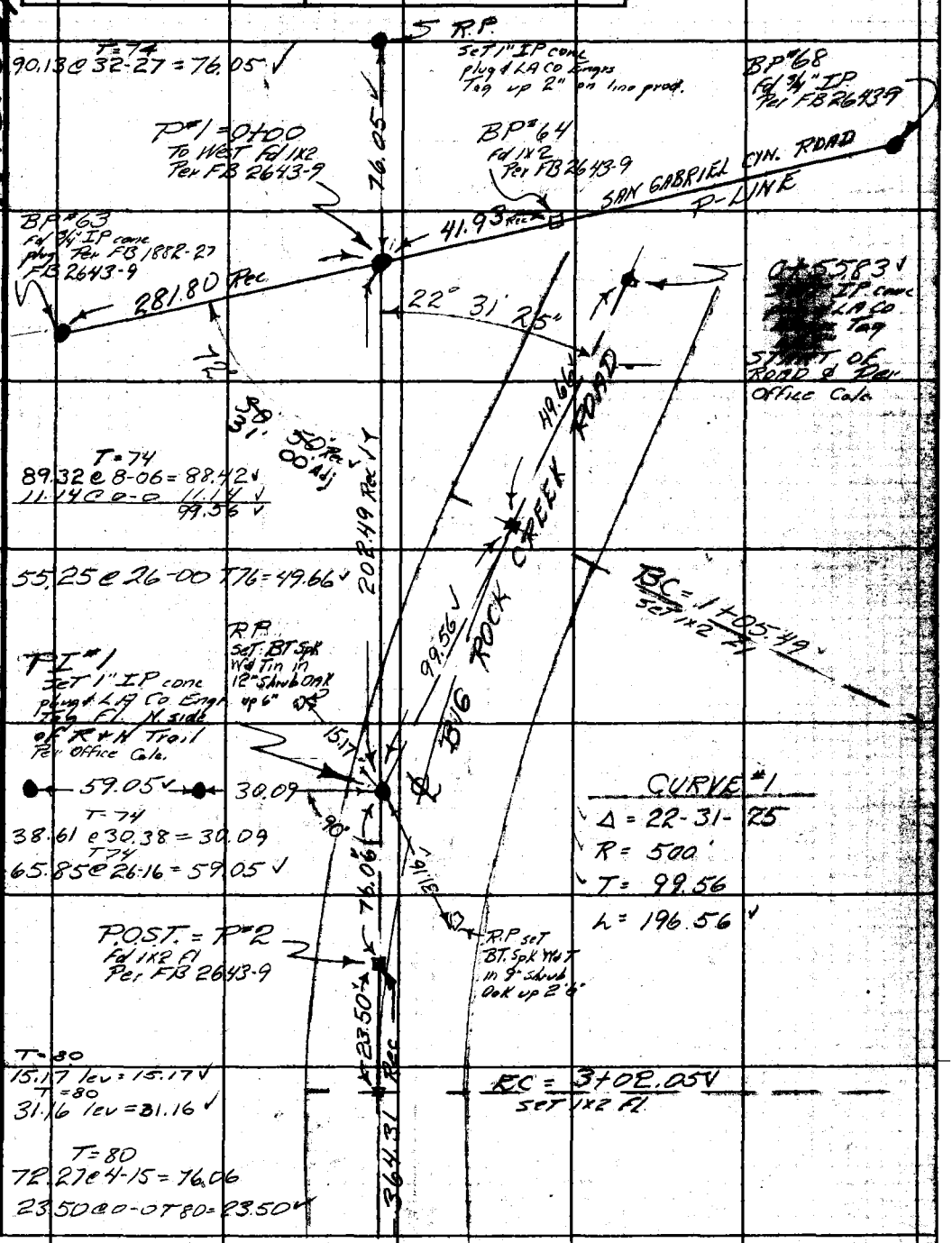
W.S. 83, A-3

Notes Ck'd by W. D. WAGNER	Survey of BIG ROCK CREEK RD	F. B. 2643 Pg. 97
Map No.	JN 0933.33 Tape 152 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C Date 5-18-61	
Date	Indexed H. E. OTT	



Top Pg# 98

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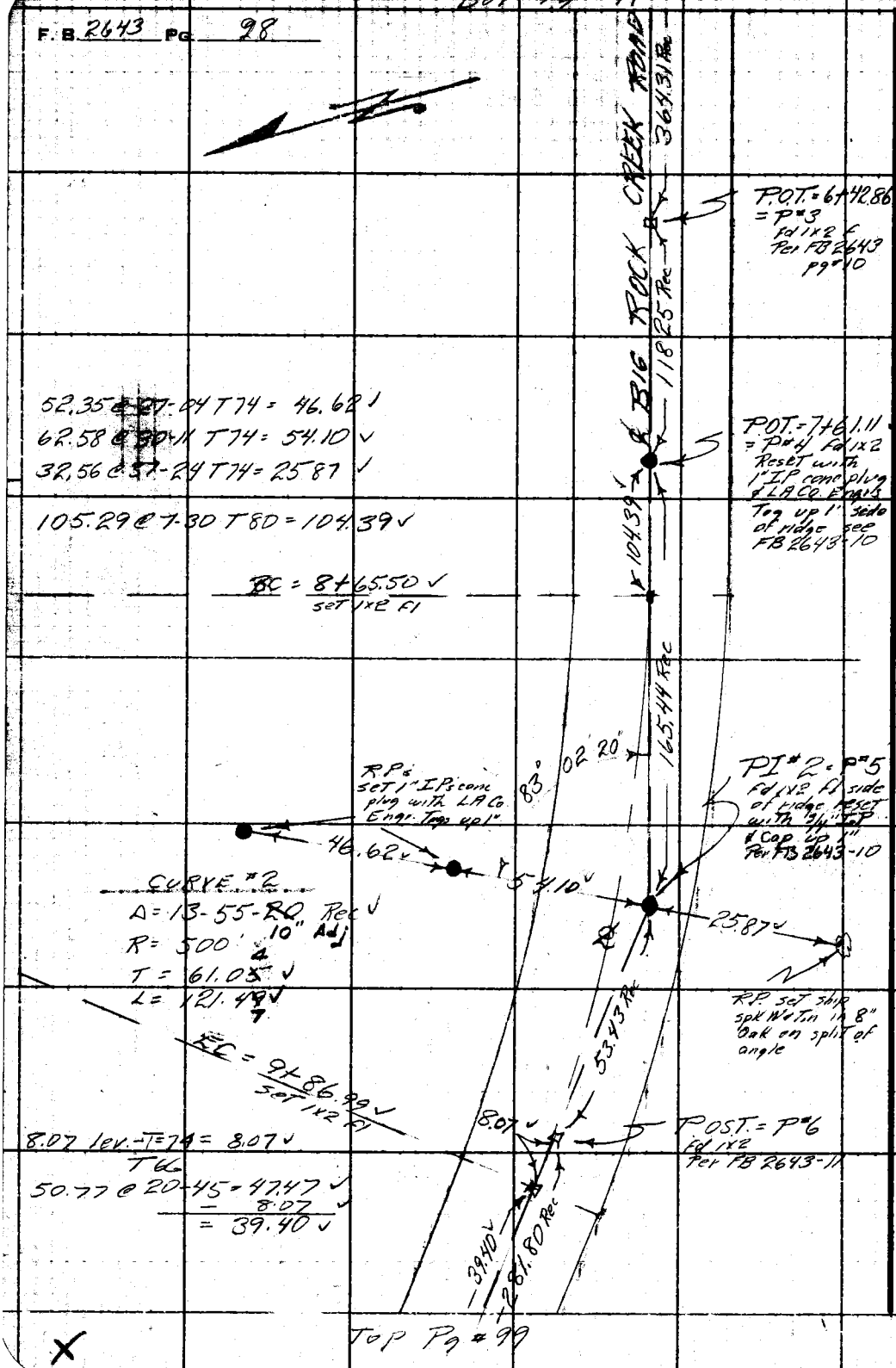
76F3095 S&E #247 11-58

BOT Pg # 97

F. B. 2643 Pg. 98



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Notes Ck'd. by W. D. WAGNER	Survey of 126 ROCK CREEK RD.
Map No.	JN 093533 Tape 152 Std 85 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Date 5-12-61
Date	Indexed H. E. OTT

F. B. 2643 Pg. 99

BOT Pg #98

37.61 @ 0-0 T-66 = 37.61 ✓
49.26 @ 0-0 T-68 = 49.25 ✓
24.02 @ 0-0 T-68 = 24.02 ✓

39.40 ✓

BC = 10+26.39 ✓
Set 1x2 FI

281.80 Rec

49.25 ✓

RP
Set 3/4" IP
& Cap up
2" on line prod

37.61 ✓

ROCK CREEK ROAD

CURVE #3
Δ = 51-43-38 Rec ✓ 50' Adj
R = 500' ✓
T = 242.40 ✓
L = 451.48 ✓
3

PI #3 = P#7
Fd 3/4" IP & cap
FI
Per FB 2643-11

24.02 ✓

268.87 Rec

BIG

RP
Set 3/4" IP
& Cap up 2"
on line prod

EC = 14+77.81 ✓
Set 1x2 FI

2647 ✓

POT = 15+04.28 ✓
= P#8 Fd 1x2 FI
Per FB 2643-11

26.47 @ 0-0 T-68 = 26.47 ✓

TOP Pg # 100

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78F3098 SAF #247 11-58

BOT Pg # 99

F. B. 2643 Pg 100

21.52 @ 0-0 T70 = 21.52 ✓

B.C. = 15+25.80 ✓
Set 1x2 Fl

(2) 277 26 50
(4) 194 53 30
(6) 112 20 00 ✓
138 43 20 ✓

CURVE # 4
Δ = 41-16-~~40~~ 45 Mes ✓
R = 500 ✓
T = 188.33 ✓
L = 360.2~~2~~3 ✓

EC = 18+86.02 ✓
Set 1x2 Fl

T68
84.30 @ 0-0 = 84.29 ✓

21.52 ✓
98.88 Rec
77.36
ROAD
CREEK
110.97 Rec
15" Adj
20 mes ✓
43'
138'
ROCK
272.62 mes ✓
℄ B16
34.90
84.29 ✓

POST = P#9
Fd 1x2 Fl
Per FB 2643-12

49.08 ✓
R.P.s
Set 3/4" IPs & Caps
up 2"

38.81 ✓
PI#4 = P#10
Fd 1x2 Reset
with a 1" IP conc
plug & LA Co. Engr Tag
up 2" on side of
ridge Per FB 2643-12

9.74
R.P. set ship
spk w/ Tin
in 8" Schrub
Oak up 2"

30.73 ✓
R.P.
Set 3/4" & Cap
up 2"

T70
34.32 @ 26-27 = 30.73 ✓

T70
39.51 @ 10-48 = 38.81 ✓
T-70
51.80 @ 18-39 = 49.08 ✓

P.O.T. = 19+70.31 ✓
Set 1" IP conc plug & LA Co Engrs
Tag up 1"

273.27 @ 3-57 T76 = 272.61 ✓
273.37 @ 4-11 T76 = 272.63 ✓
— 272.62 ✓

X

Top Pg # 101

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

Survey of BIG ROCK CREEK ROAD
JN 093333 Tape 152 Std 84 °F
Surveyed by W. S. COWHERD
Notes W. S. C. Date 5-25-61
Indexed H. E. OTT

F. B. 2643 PG. 101

T72
26.84 @ 14-56 = 25.93 ✓
8.97 @ 0-0 = 8.97 ✓
34.90 ✓

P.O.T. = 20+05.21 ✓
SET 1x2 FI

BOT Pg 100 T76
41.40 @ 20-43 = 38.72 ✓ 38.72 ✓
41.09 @ 19-34 = 38.72 ✓

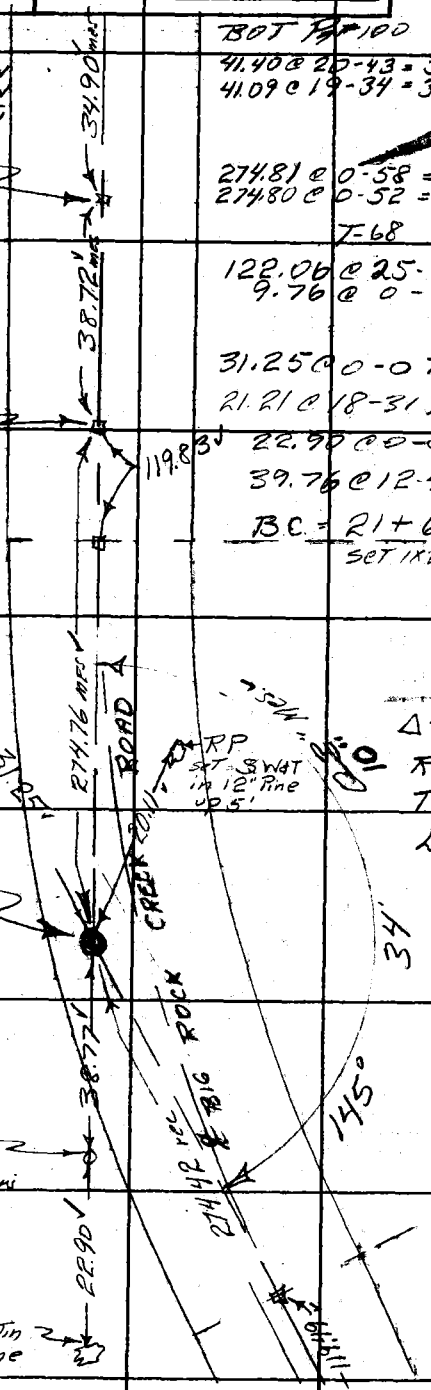
T76
274.81 @ 0-58 = 274.76 ✓ 274.76 ✓
274.80 @ 0-52 = 274.76 ✓

T-68
122.06 @ 25-36 = 110.07 ✓
9.76 @ 0-0 = 9.76 ✓
119.83 ✓

31.25 @ 0-0 T74 = 31.25 ✓
21.21 @ 18-31 T74 = 20.11 ✓
22.90 @ 0-0 T70 = 22.90 ✓
39.76 @ 12-47 T70 = 38.77 ✓

B.C. = 21+63.76 ✓
SET 1x2 FI

P.O.T. = 20+43.93 ✓
SET 1x2 FI



R.P.
set 1" IP conc. plug & L.A. Co. Engrs Tag up 2"

R.P.
set 3 W&T in 12" Pine up 5'

CURVE #5 50" Adj
Δ = 34-25-57 mes ✓
R = 500 ✓
T = 154.92 ✓
L = 300.46 ✓

PI #5 = P#14
Fd 1x2 & reset with 1" IP conc plug & L.A. Co Engrs Tag up 2"
Per FB 2643-13

2	291	08	10
4	222	16	10
6	153	24	20 ✓
	145	34	03 ✓

R.P.
set 1" IP conc. plug & L.A. Co Engrs Tag up 2"

EC = 24+64.24 ✓
SET 1x2 FI

R.P. set 5 W&T in 60" Pine on line prod

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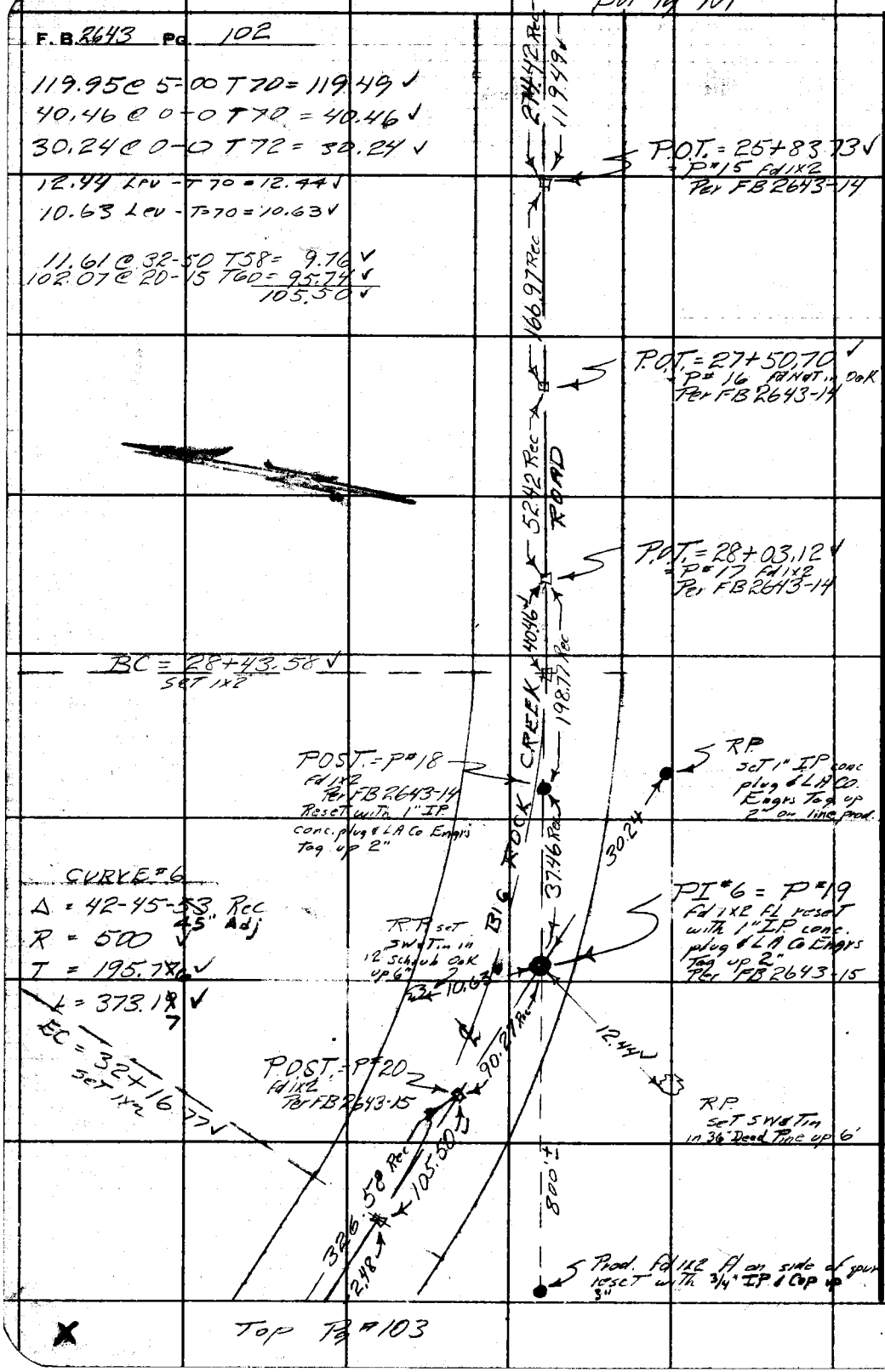
76F3098 S&E #247 11-58

Bot Pg #101

F.B. 2643 Pg. 102

119.95 @ 5-00 T70 = 119.49 ✓
40.46 @ 0-0 T70 = 40.46 ✓
30.24 @ 0-0 T72 = 30.24 ✓
12.44 Lev - T70 = 12.44 ✓
10.63 Lev - T70 = 10.63 ✓

11.61 @ 32-50 T58 = 9.76 ✓
102.07 @ 20-15 T60 = 95.74 ✓
105.50 ✓



Top Pg #103

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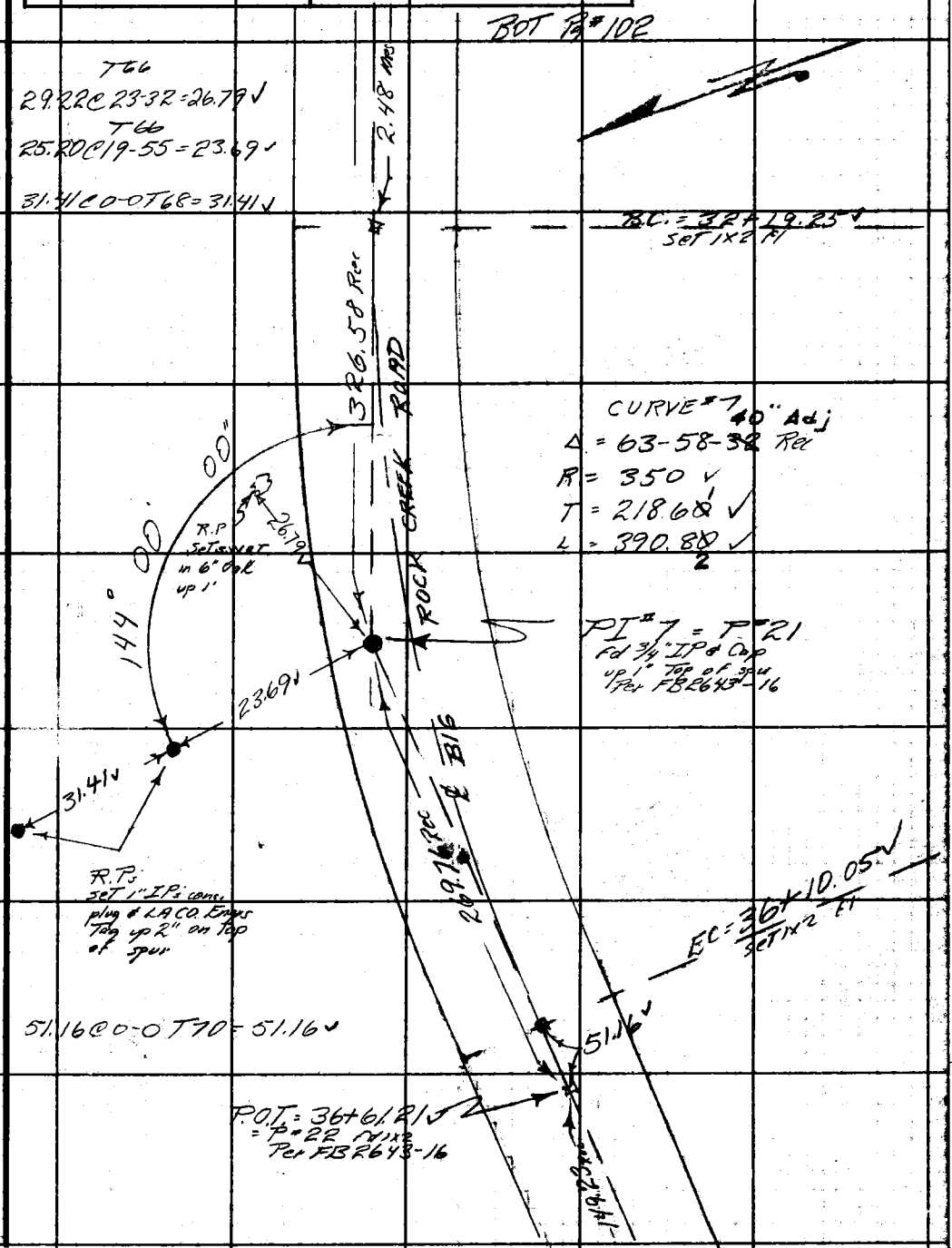
Notes Ck'd by W. D. WAGNER	Survey of BIG ROCK CREEK RD	F. B. 2643 PG. 103
Map No.	JN 093333 Tape 152 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C. Date 5-25-61	
Date	Indexed H. E. Ott	



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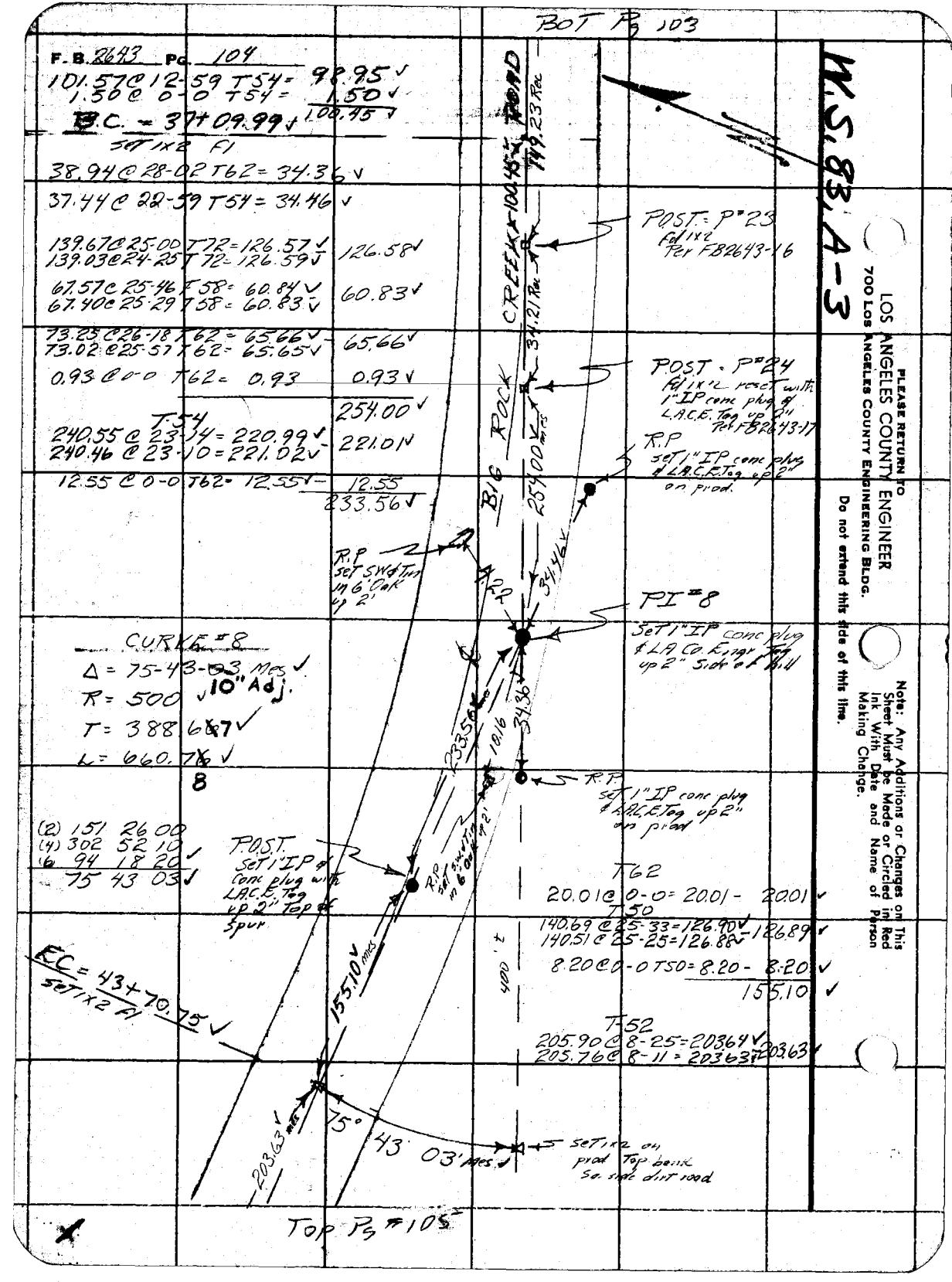
BOT Pg 103
W.S. 83, A-3
F.B. 2643 Pg. 104
101.57 @ 12-59 T54 = 98.95
1.50 @ 0-0 T54 = 1.50
B.C. = 37+09.99
100.45
Set 1x2 FI
38.94 @ 28-02 T62 = 34.36
37.44 @ 22-39 T54 = 34.46
139.67 @ 25-00 T72 = 126.57
139.03 @ 24-25 T72 = 126.59
126.58
67.57 @ 25-46 T58 = 60.84
67.40 @ 25-29 T58 = 60.83
60.83
73.25 @ 26-18 T62 = 65.66
73.02 @ 25-57 T62 = 65.65
65.66
0.93 @ 0-0 T62 = 0.93
0.93
254.00
T-54
240.55 @ 23-34 = 220.99
240.46 @ 23-40 = 221.02
221.01
12.55 @ 0-0 T62 = 12.55
12.55
233.56
CURVE #8
Δ = 75-43-03 Mes
R = 500 10" Adj.
T = 388.67
L = 660.78
8
(2) 151 26 00
(4) 302 52 10
(6) 94 18 20
75 43 03
EC = 43+70.75
Set 1x2 FI
155.10 Mes
203.63
75° 43 03' Mes
Top Pg #105
POST. P"23
Fd 1x2
Per FB2643-16
POST. P"24
Fd 1x2 reset with 1" IP conc plug & L.A.C.E. Tag up 0.1'
Ref FB2643-17
R.P. Set 1" IP conc plug & L.A.C.E. Tag up 2" on prod.
R.P. set 5"W of Tan in 6" Oak up 2'
PI #8
Set 1" IP conc plug & L.A. Co. E. Tag up 2" Side of Road
R.P. Set 1" IP conc plug & L.A.C.E. Tag up 2" on prod
POST. Set 1" IP & conc plug with L.A.C.E. Tag up 2" Top of Spur
R.P. Set 5" W Tan in 6" Oak up 2'
Set 1x2 on prod Top bank So. side dirt road
BIG ROCK CREEK ROAD
34.21 Rec
34.46
25.00
23.56
18.16
34.36
T62
20.01 @ 0-0 = 20.01 - 20.01
T50
140.69 @ 25-33 = 126.90
140.51 @ 25-25 = 126.88
8.20 @ 0-0 T50 = 8.20 - 8.20
155.10
T-52
205.90 @ 8-25 = 203.64
205.76 @ 8-11 = 203.63
203.63
400' ±
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700 Los Angeles County Engineering Bldg.
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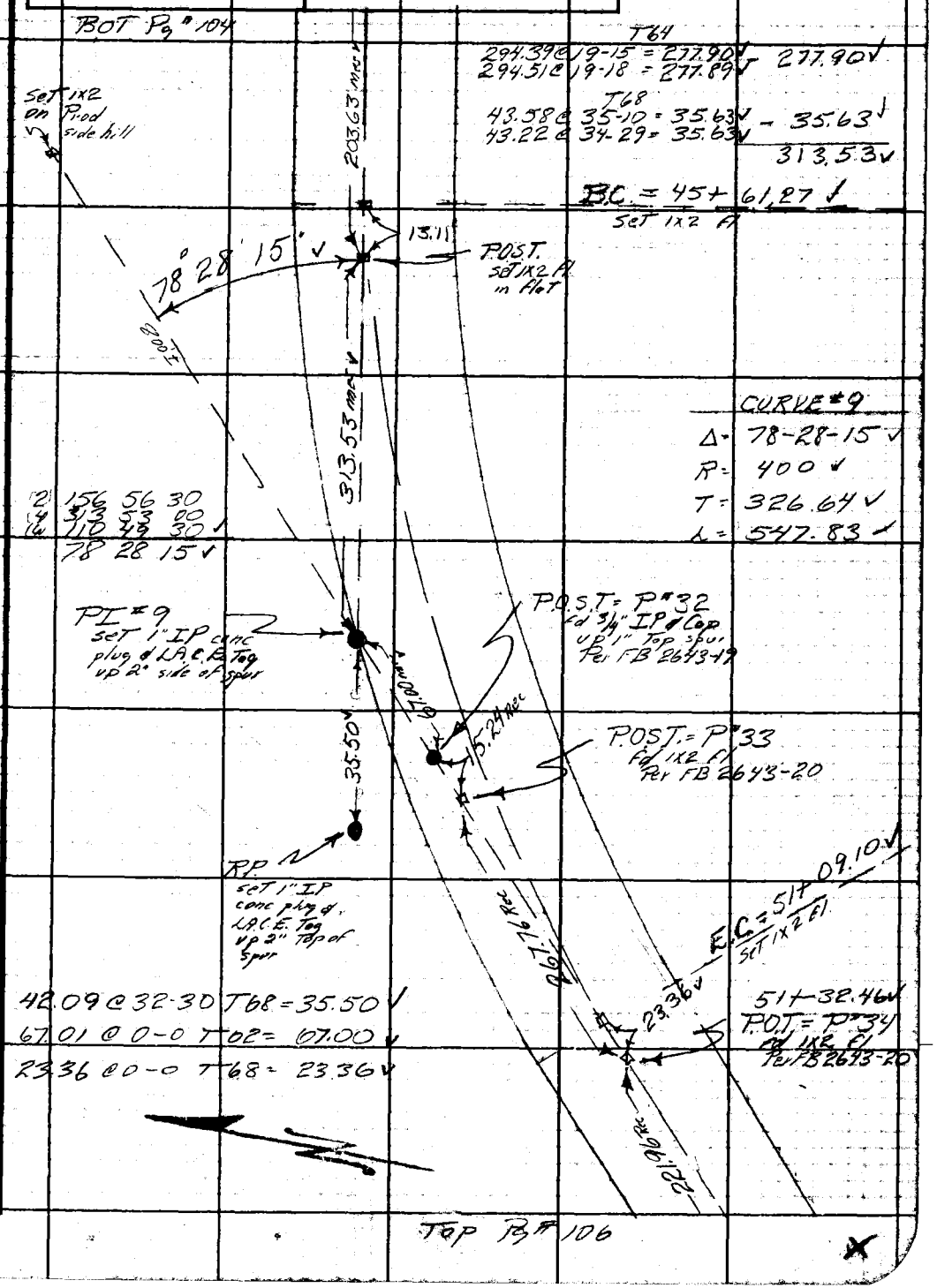
Notes Ck'd by W. D. WAGNER	Survey of BIG ROCK CREEK RD.	F. B. 2643 Pg. 105
Map No.	JN 0933.33 Tape 152 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C Date 6-1-61	
Date	Indexed E. E. OTT	



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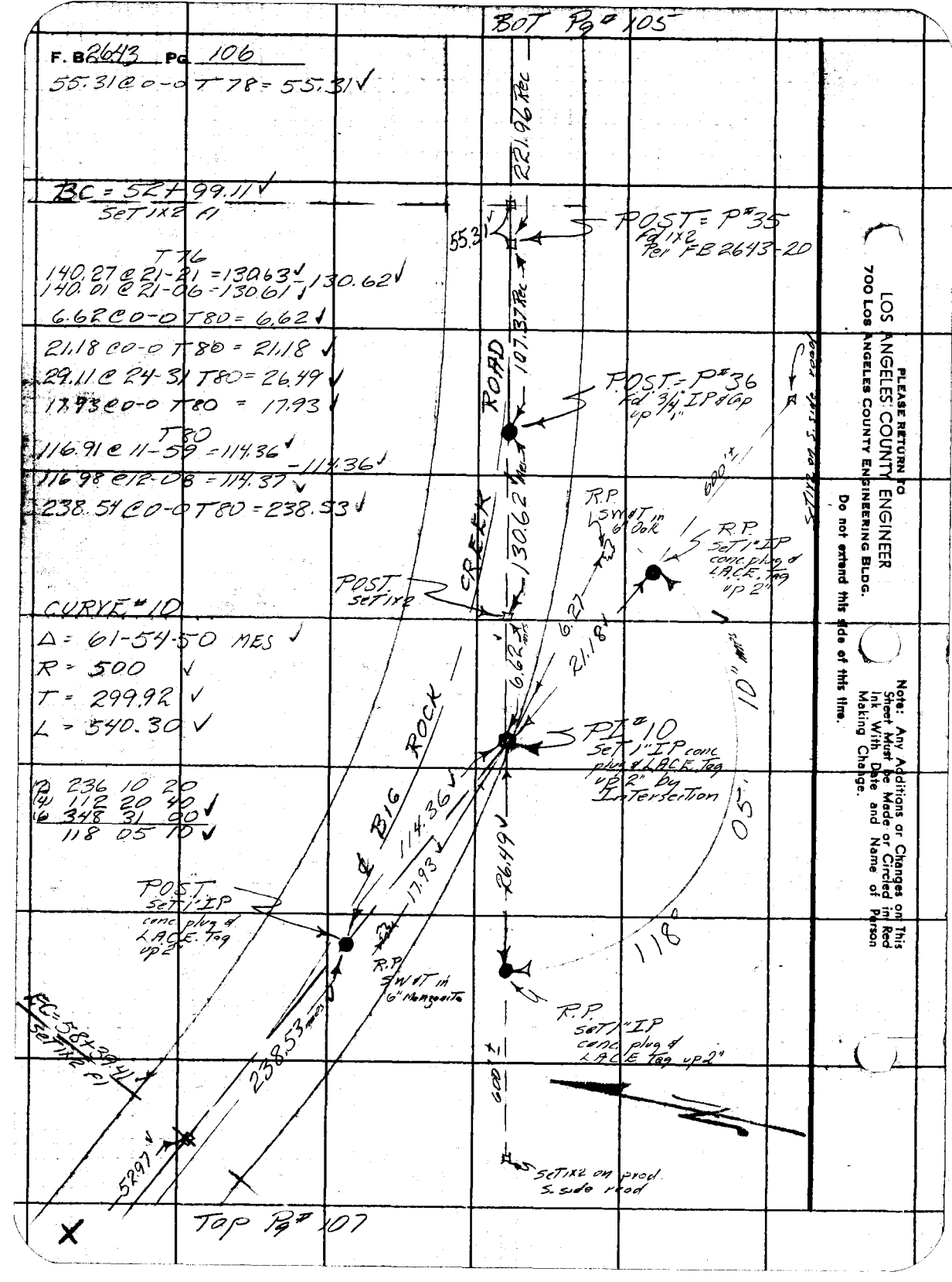

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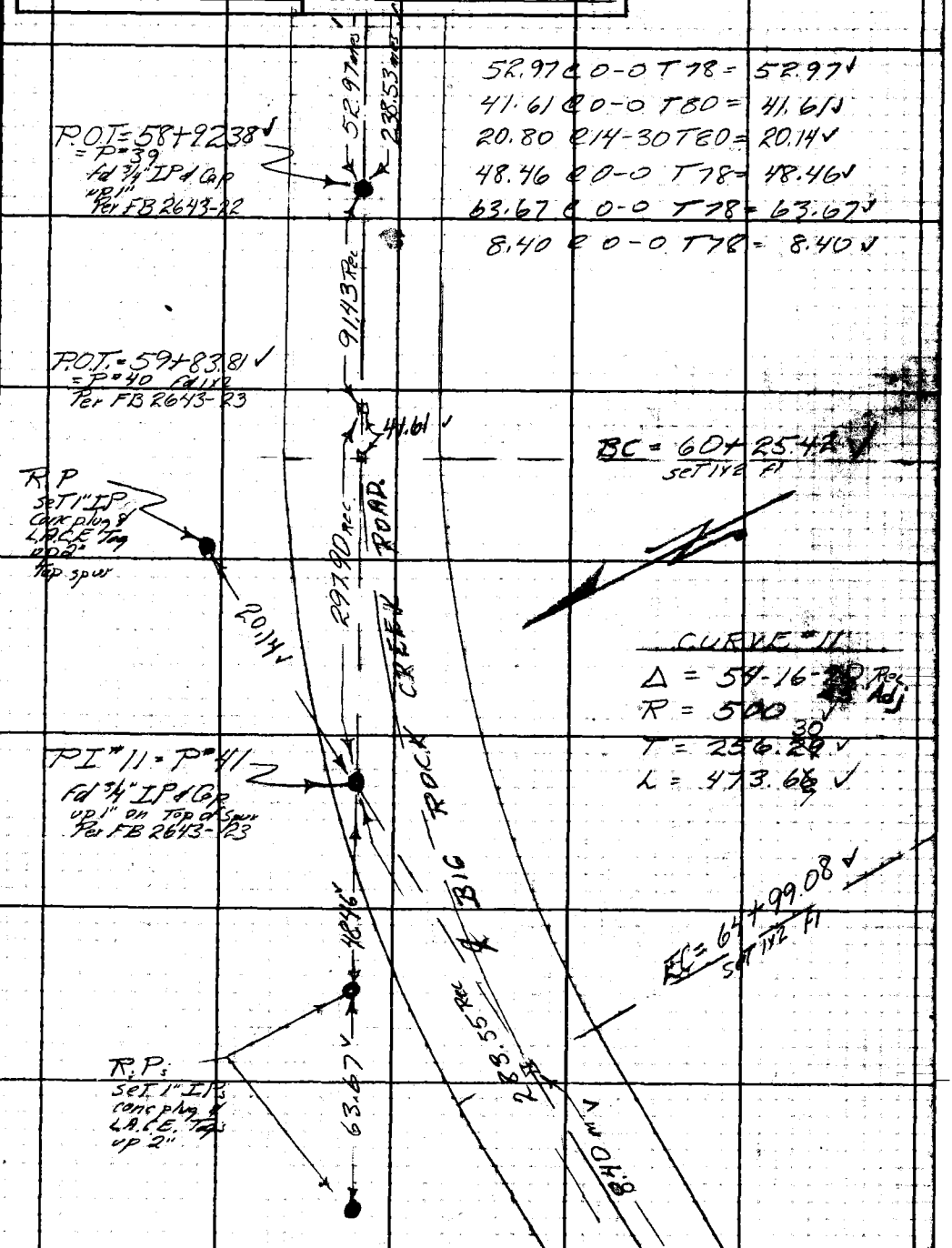
Notes Ck'd by W. D. WAGNER	Survey of BIG ROCK CREEK RD	F. B. 2643 Pg. 107
Map No.	JN 093333 Tape 152 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W.S.C. Date 6-6-61	
Date	Indexed H. E. OTT	



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BOT Pg # 107

F. B. 2643 PG. 108

18.86 @ 0-0 T78 = 18.86 ✓

BC = 65+07.48 ✓

Set 1x2 Fl

20.82 @ 0-0 T72 = 20.82 ✓

55.68 @ 23-39 T72 = 51.00 ✓

78.15 @ 21-48 T78 = 72.56 ✓

8.45 @ 0-0 T78 = 8.45 ✓

21.28 @ 16-34 T72 = 20.40 ✓

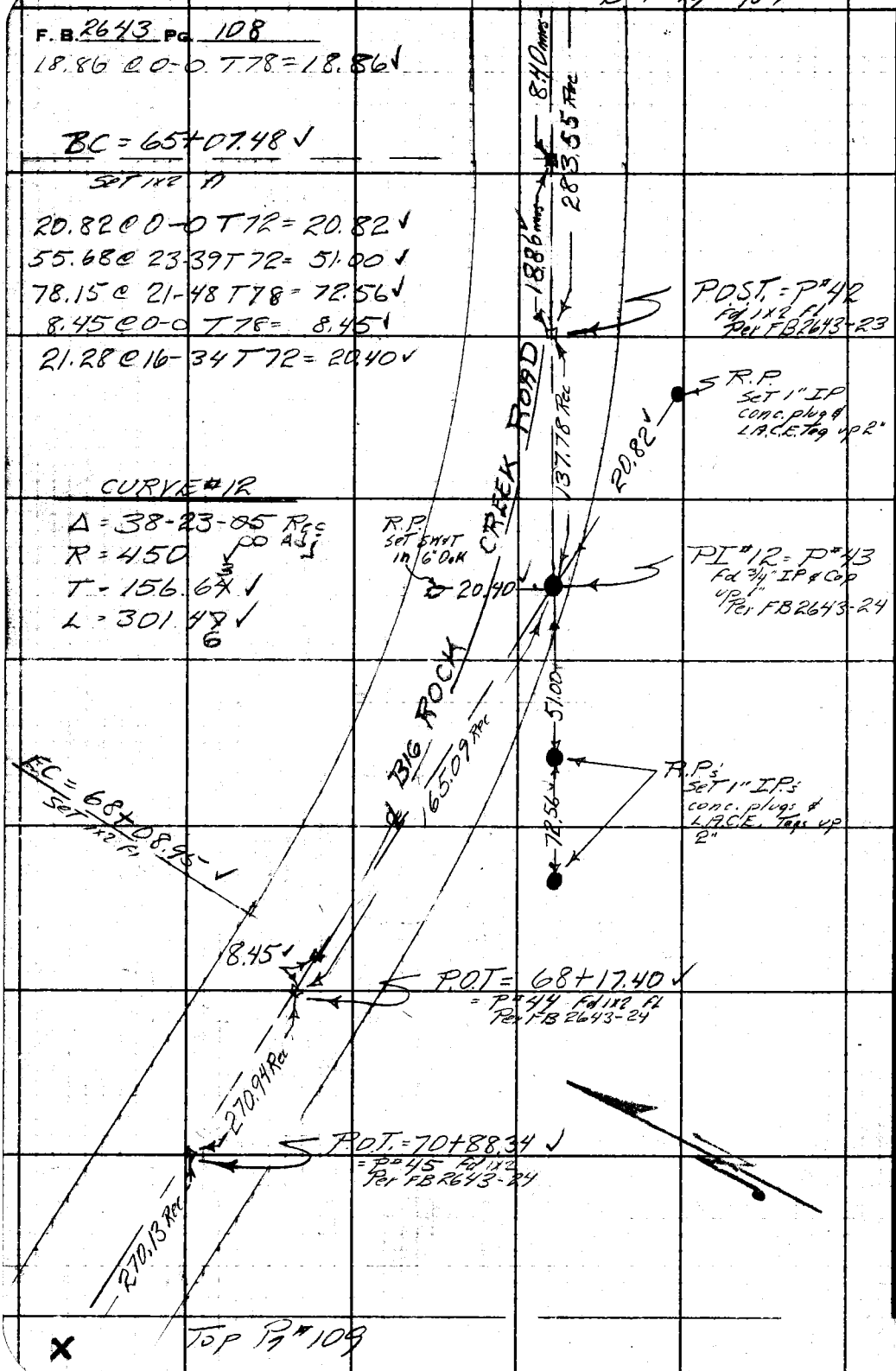
CURVE #12

Δ = 38-23-05 Rec

R = 450 ∞ Adj

T = 156.64 ✓

L = 301.47 ✓



Top Pg # 109

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Notes Ck'd by W. D. WAGNER	Survey of B16 ROCK CREEK RD	F. B. 2643 Pg. 109
Map No.	JN 093333 Tape 152 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C. Date 6-8-61	
Date	Indexed H. E. OTT	

BOT Pg # 108

T76
58.29 @ 0-0 = 58.29 ✓
24.74 @ 0-0 = 24.74 ✓
83.03 ✓

BC = 72+75.44 ✓
SET 1X2 Fl

(2) 160 00 00
80 00 00

80° 00' 00"

83.03 mes
270.13 Rec

R.P.s
SET 1" IPs
conc plug & L
L.A.C.B Tag
@ P2"

48.77 ✓

CURVE # 13
15" Adj
Δ = 18-51-22 Rec
R = 500 ✓
T = 83.02 ✓
L = 164.53 ✓

41.68 ✓

PI # 13 = P # 46
Fd 3/4" IP & Cap up 1"
Top of spur
Per FB 2643-25

11.12

R.P
SWE Tin in
Stump of 6" Oak

EC = 74+39.99 ✓
SET 1X2 Fl

83.03 mes
83.84 Rec

0.81

P.O.T. = 74+40.80 ✓
= P # 47 Fd 1X2
Per FB 2643-25

℄ B16 ROCK CREEK ROAD
295.64 Rec

55.03 @ 27-36 T 82 = 48.77 ✓
48.37 @ 30-30 T 82 = 41.68 ✓

Top Pg # 110

X

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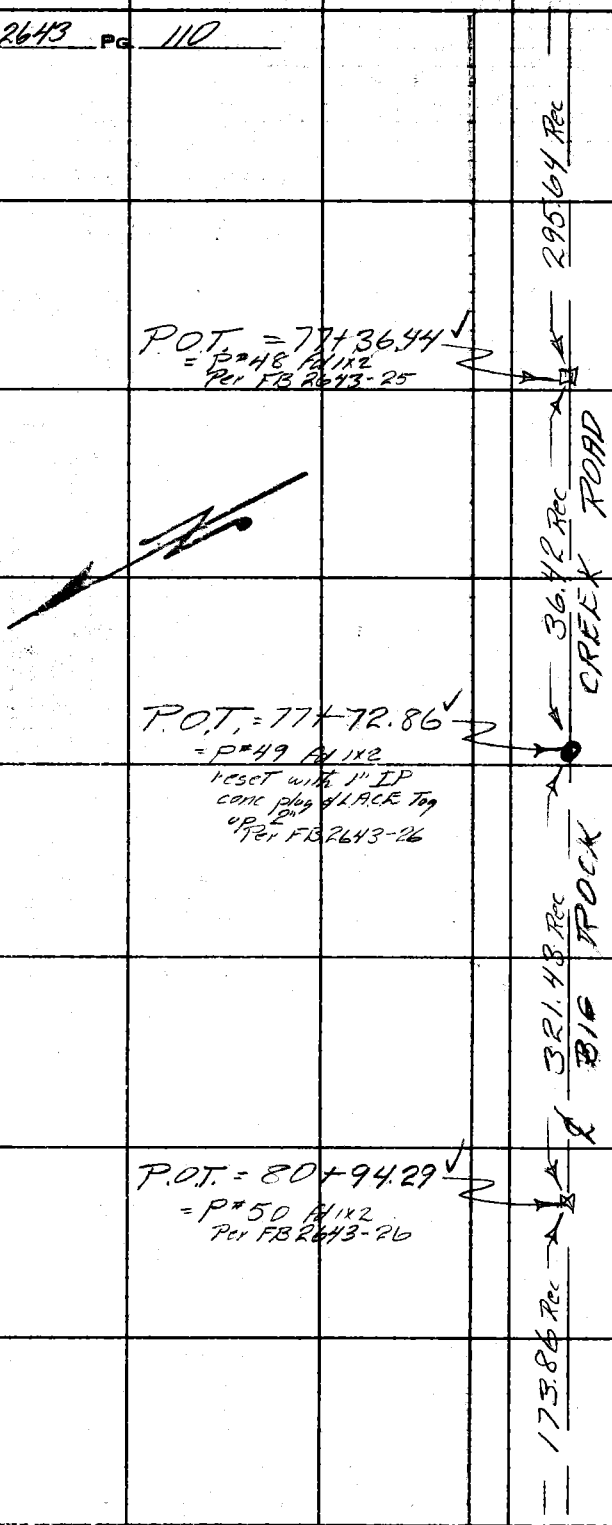
BOT Pg # 109

F. B 2643 Pg 110



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X

Top Pg # 111

Notes Ck'd by W. D. WAGNER	Survey of BIG ROCK CREEK RD	F. B. 2643 PG. 111
Map No.	JN 093333 Tape 152 Std. 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C. Date 6-9-61	
Date	Indexed H. E. OTT	

BOT Pg #110

(2) 200 36 40
100 18 20 ✓

64.18 @ 0-0 T 82 = 64.18 ✓
65.08 @ 9-30 T 82 = 64.18 ✓

BC = 82+03.97 ✓
SET 1x2 FL

100° 18' 20" ✓

ROAD

Rec

173.86

64.18 Mes

R.P.s
SET 1" I.P.s
conc. plug &
L.A.C.E. Tag
up 2"

38.76 ✓

29.27 ✓

PI #14 = P #51
Fd 3/4" IP & Cap
up 1" side of ridge
Per FB 2643-26

44.10 ✓

CURVE #14
Δ = 14-37-~~48~~ 50 Adj ✓
R = 500 ✓
T = 64.18 ✓
L = 127.67 ✓

R.P.
SET 1" IP conc.
plug & L.A.C.E. Tag
up 2"

EC = 83+31.64 ✓
SET 1x2 FL

64.18 Mes

261.00 Rec

CREEK

P.O.T. = 85+28.46 ✓
= P #52 Fd 1x2
Per FB 2643-27

238.69 Rec

BIG ROCK

T 84
52.63 @ 33-05 = 44.10 ✓
T 80
45.84 @ 32-16 = 38.76 ✓
36.43 @ 36 32 = 29.27 ✓

Top Pg #112

X

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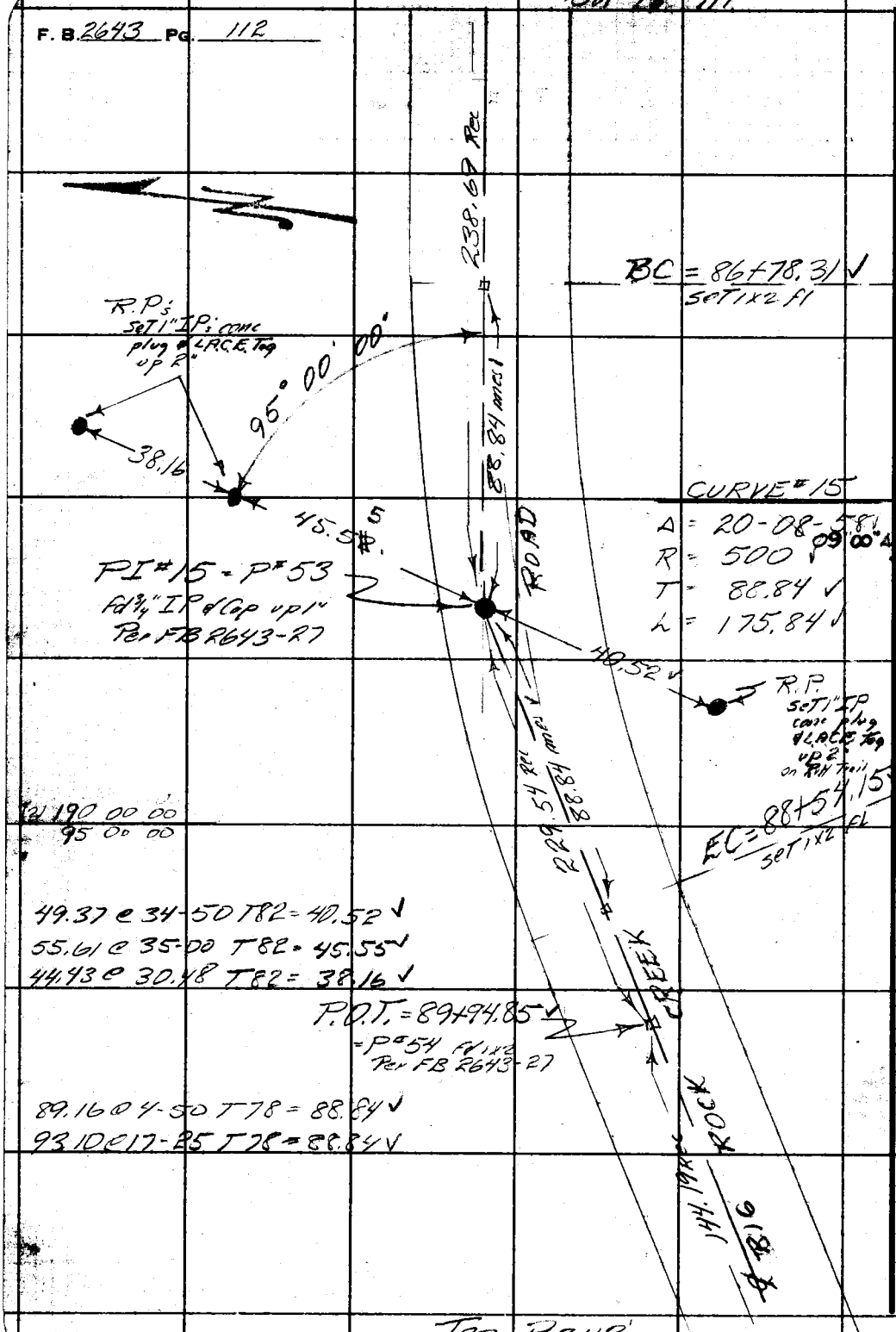
Bot Pg #111

F. B. 2643 Pg. 112



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Top Pg #113

X

W.S. 83.4 - 3

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

Survey of 816 ROCK CREEK ROAD
JN 093233 Tape 112 Std 84 °F
Surveyed by W. S. COWHERD
Notes W. S. C. Date 6-12-61
Indexed H. E. OH

F. B. 2643 Pg. 113

BOT Pg #112

101.47 @ 17-05 T80 = 97.00 ✓

133.97 @ 11-31 = 131.27 ✓
133.75 @ 11-04 = 131.26 T 131.27 ✓

112.61 @ 4-22 = 112.28 ✓
112.56 @ 4-01 = 112.28 ✓ 112.28 ✓

B.C. = 93 + 73 83 ✓
Set (1x2) ⅞ NI. Fl.

140.39 @ 5-01 = 139.85 ✓
1.15 @ 0-0 = 1.15 ✓
141.00 ✓

2) 335-21-00
4) 310-42-09
6) 286-03-00 ✓
167-40-30 ✓

20.02 @ 0-00
T = 80 = 20.02 ✓

4.31 @ 0-00
T = 80 = 4.31 ✓

CURVE #16
Δ = 12-19-30 mes ✓
R = 1000 ✓
T = 107.97 ✓
L = 215.18

EC 2 Set 1x2 95+89.88 10½

POT = 95+93.32
Set 1" IP conc plug & LACE Top 1/2" Top Spot

97+24.52
END OF E STAKING
BIG ROCK CREEK ROAD Per Staking Sheet. Set 1" IP conc. plug & LACE Top dn 12"

POT = 91+39.04 ✓
= P" 55 ⅞ 1x2
Per FB 2643-26

234.81 Rec

20.02

P.O.S.T.
= T" 56 ⅞ 1x2
Per FB 2643-26

30 11 mes

87.95

228.95 Rec

PI #16
Set 1" IP conc plug & LACE Top up ½" Top Spot
Distances & Tangents from T" 57 Per Office Calc.

ROCK CREEK ROAD

167°

10°

112.28 Rec mes

141.00 Rec mes

816

4.31

131.27 mes

52.00 mes Calc

P" 57
Fd ¾" IP plug Dgnl dn ½" plug
Per FB 2643-26

97.00 mes Calc

R.P.
Set 1" IP conc plug & LACE Top up ½" Top Spot
Per Office Calc. to 97.00 from T" 57

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70F3098 SAE (247) 11-59

F. B. 2643 Pg. 114

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Notes Ck'd by	Survey of BIG ROCK CREEK RD F. B. 2643 PG. 115
Map No.	JN 0960.33 Tape/ 81 Std 84 °F
Office Work	Surveyed by J S COATES
Checked	Notes JSC Date 3-20-66
Date	Indexed C. J. GALLI JUL 1 1968

J.N. 0960.33

BIG ROCK CREEK ROAD

FROM

BIG PINES HIGHWAY TO ANGELES CREST HIGHWAY

ROAD DEPT.
WORK ORDER
R-9921

COATES
HUBBARD
ADAMS
SIDWELL

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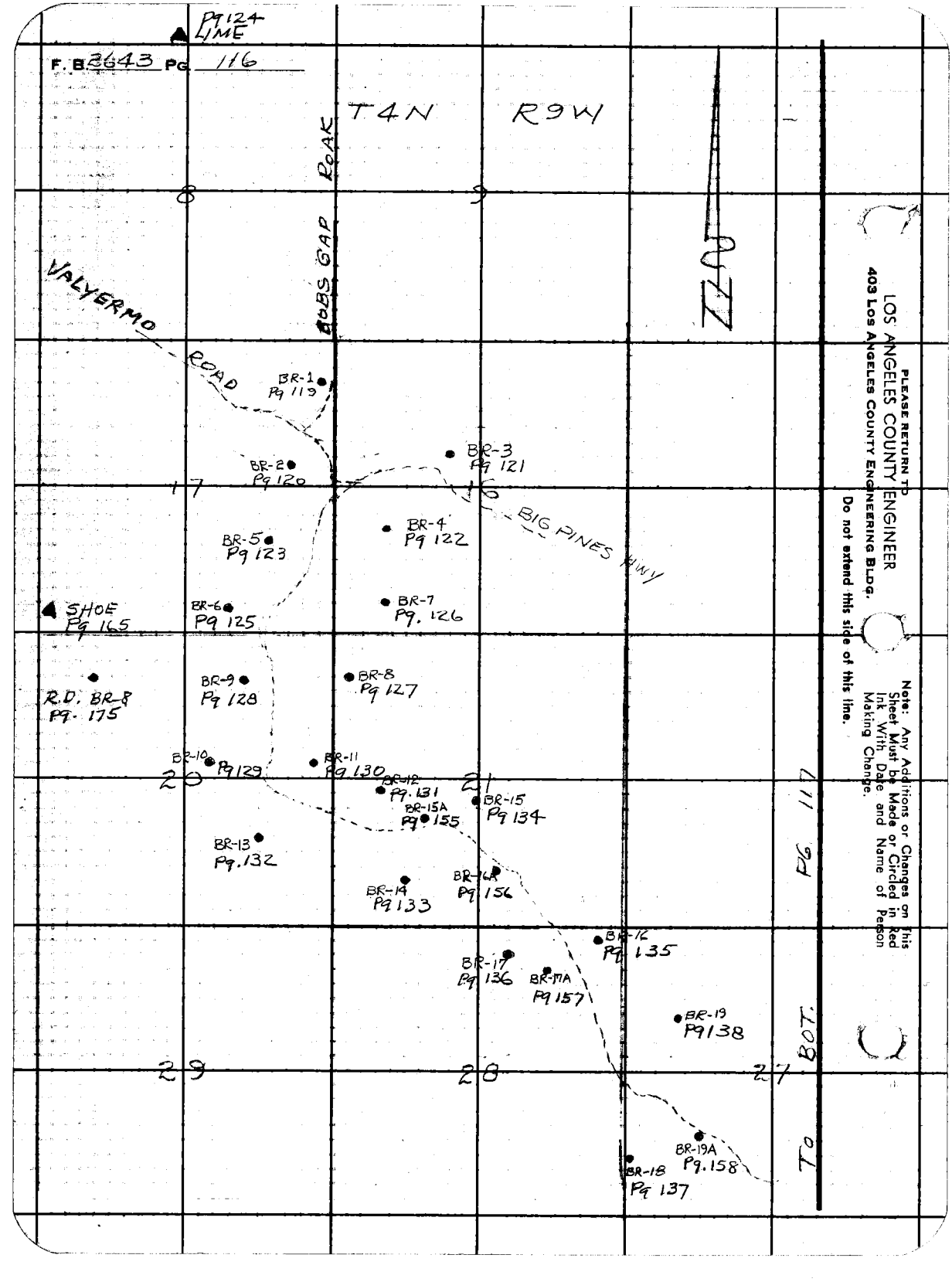
76F3085 CE #310 6-63



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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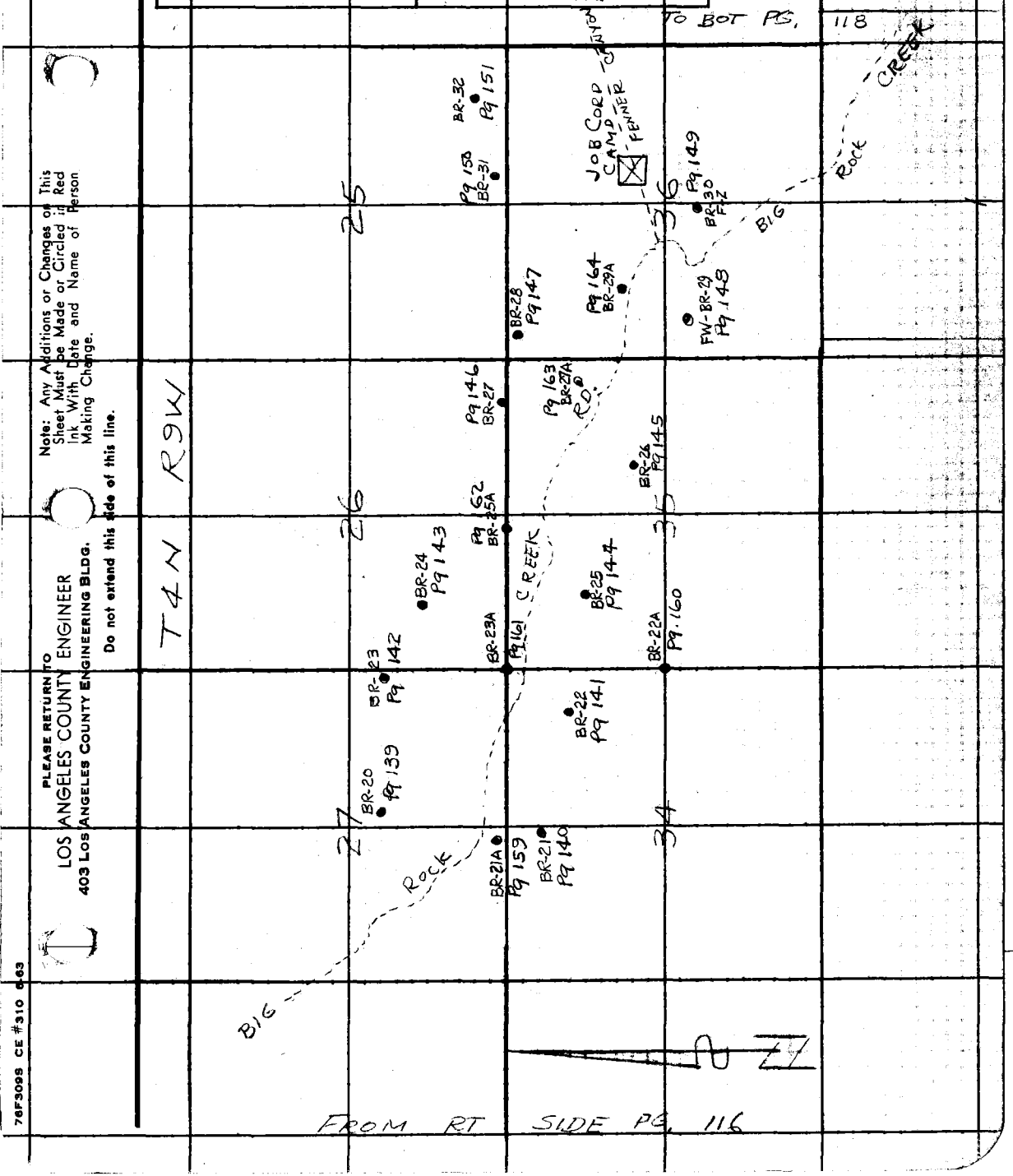
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of BIG ROCK CR RD
Map No.	JN 096033 Tape 181 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes Date
Date	Indexed J. J. GALLI

F. B. 2643 PG. 117



FROM RT SIDE PG. 116

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76F3099 CE #310 6-63

F. B. 2643 Pg. 118

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T4N R8W

T4N R9W

T4N

T3N

Fenner SADDLE

BR-33 PG 152

BR-35 (BP-82) PG 154

BR-34 (BP-89) PG. 153.

31

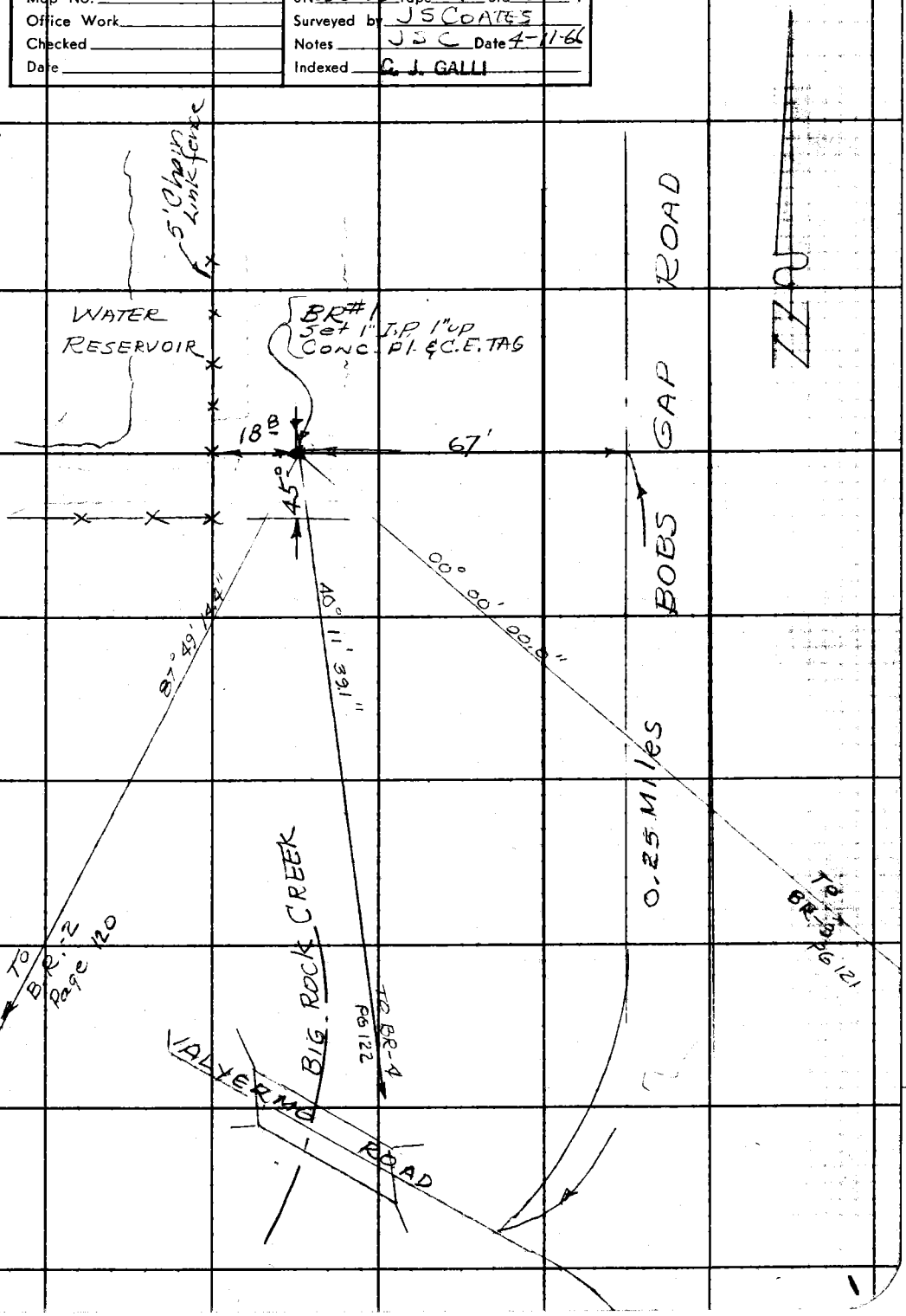
36

6

1

Notes Ck'd by	Survey of Big Rock Cr. Rd
Map No.	JN 0960.33 Tape 181 Std 84 °F
Office Work	Surveyed by J S Coates
Checked	Notes J S C Date 4-11-66
Date	Indexed C. J. GALLI

F. B. 2643 PG. 119



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 6-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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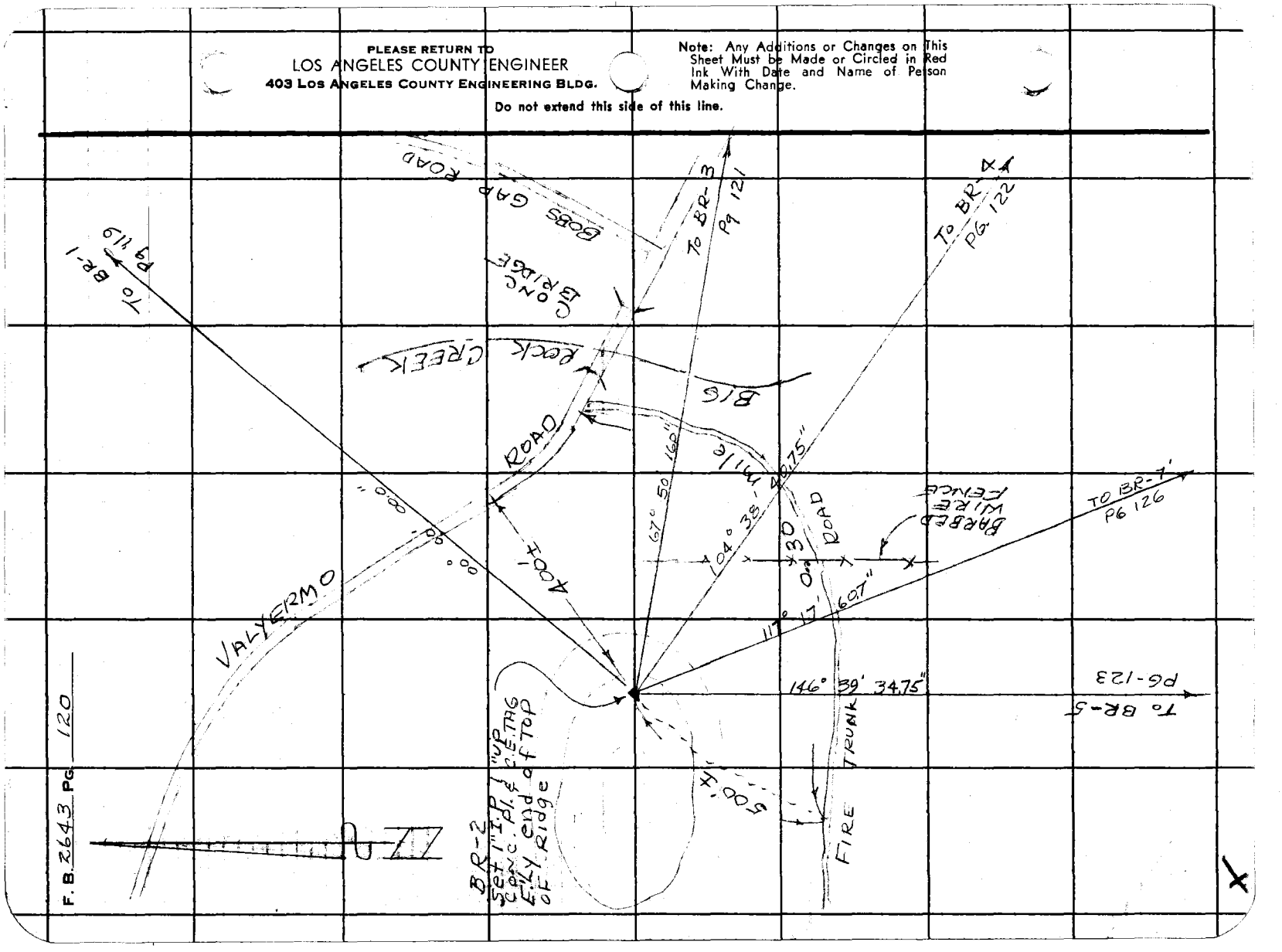
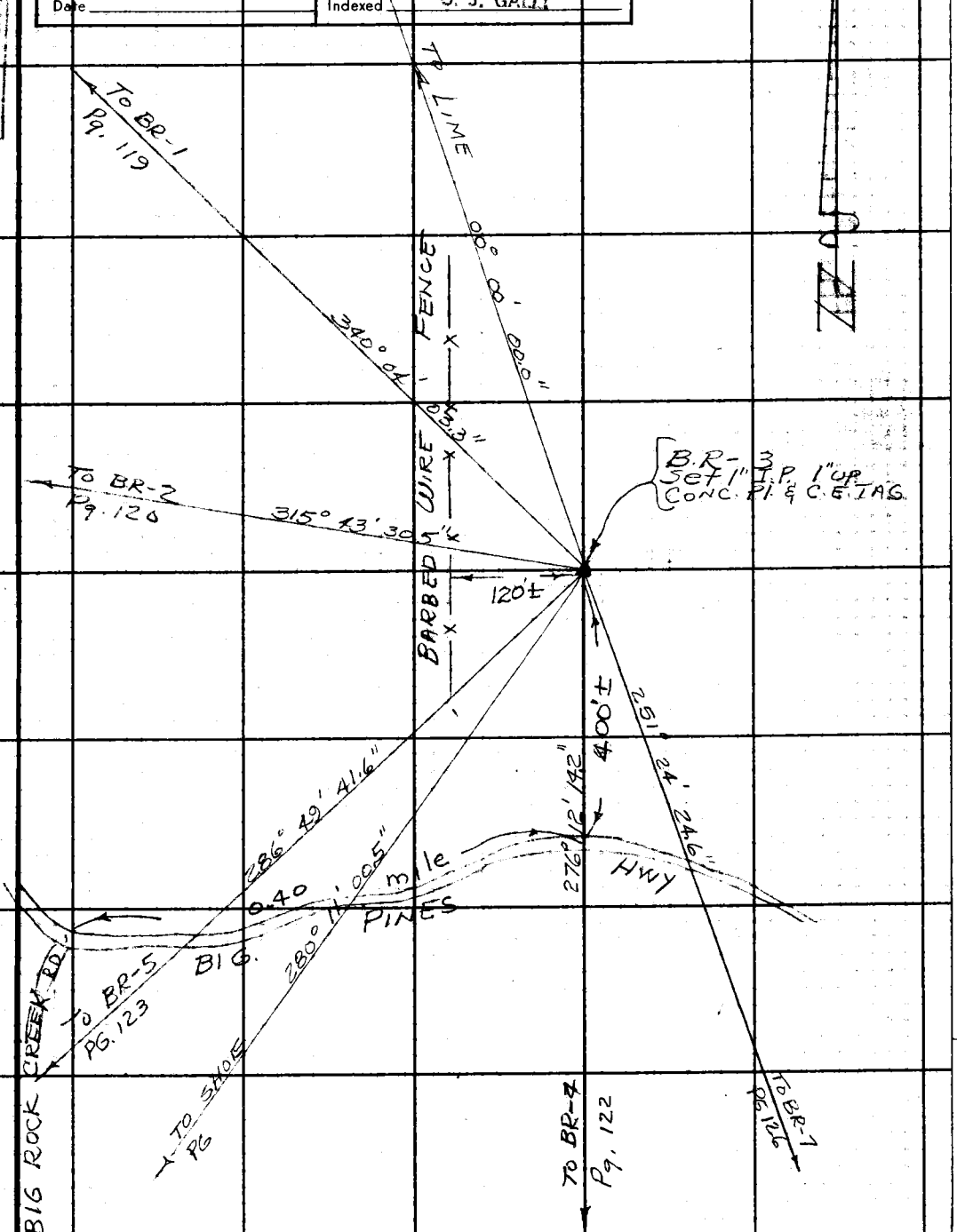


F. B. 2643 PG. 120

Notes Ck'd by	Survey of BIG ROCK CR. RD.
Map No.	JN 0960.33 Tape 181 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 4-15-66
Date	Indexed C. J. GALLI

F. B. 2643 PG. 181



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 6-63

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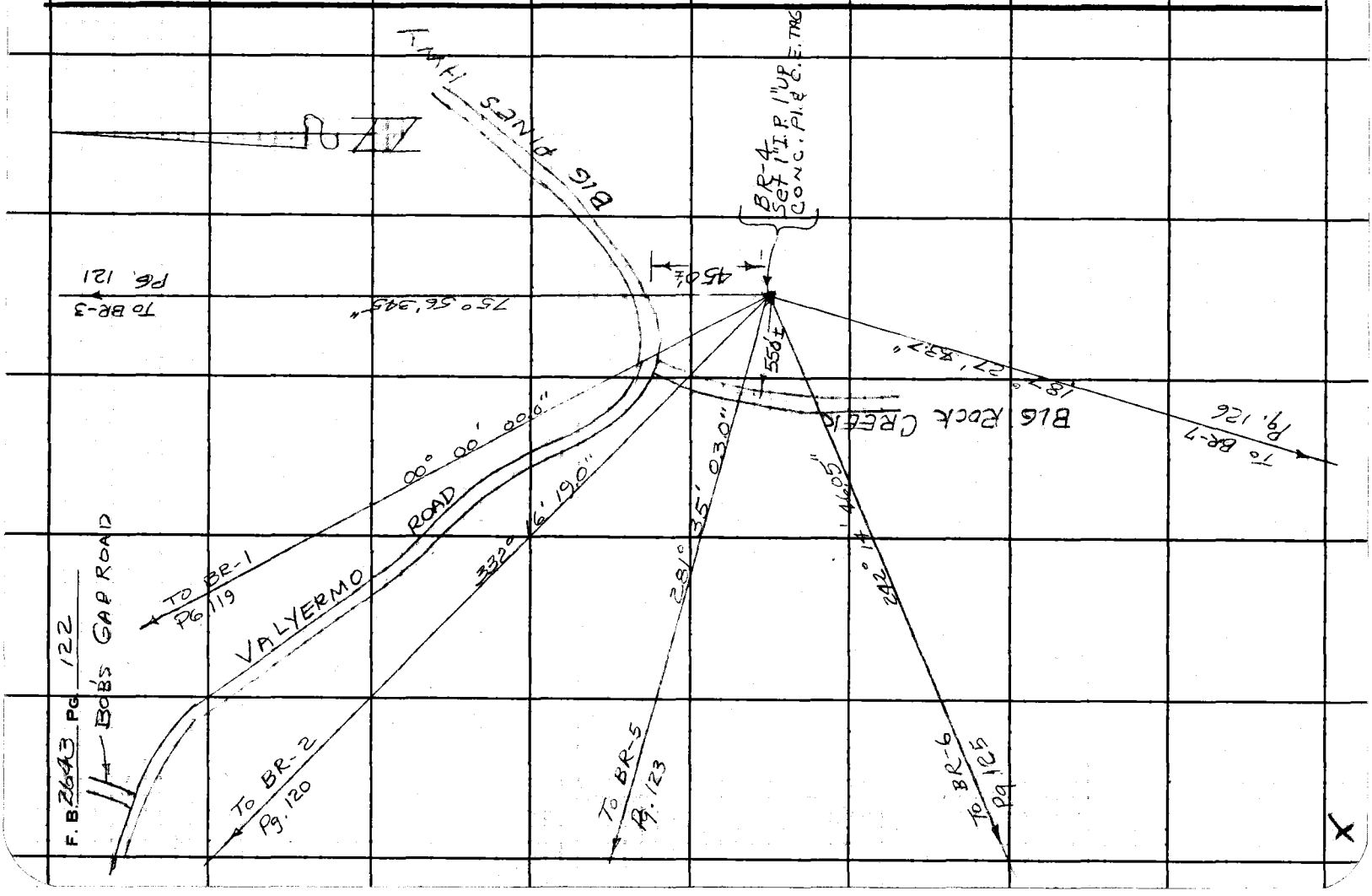
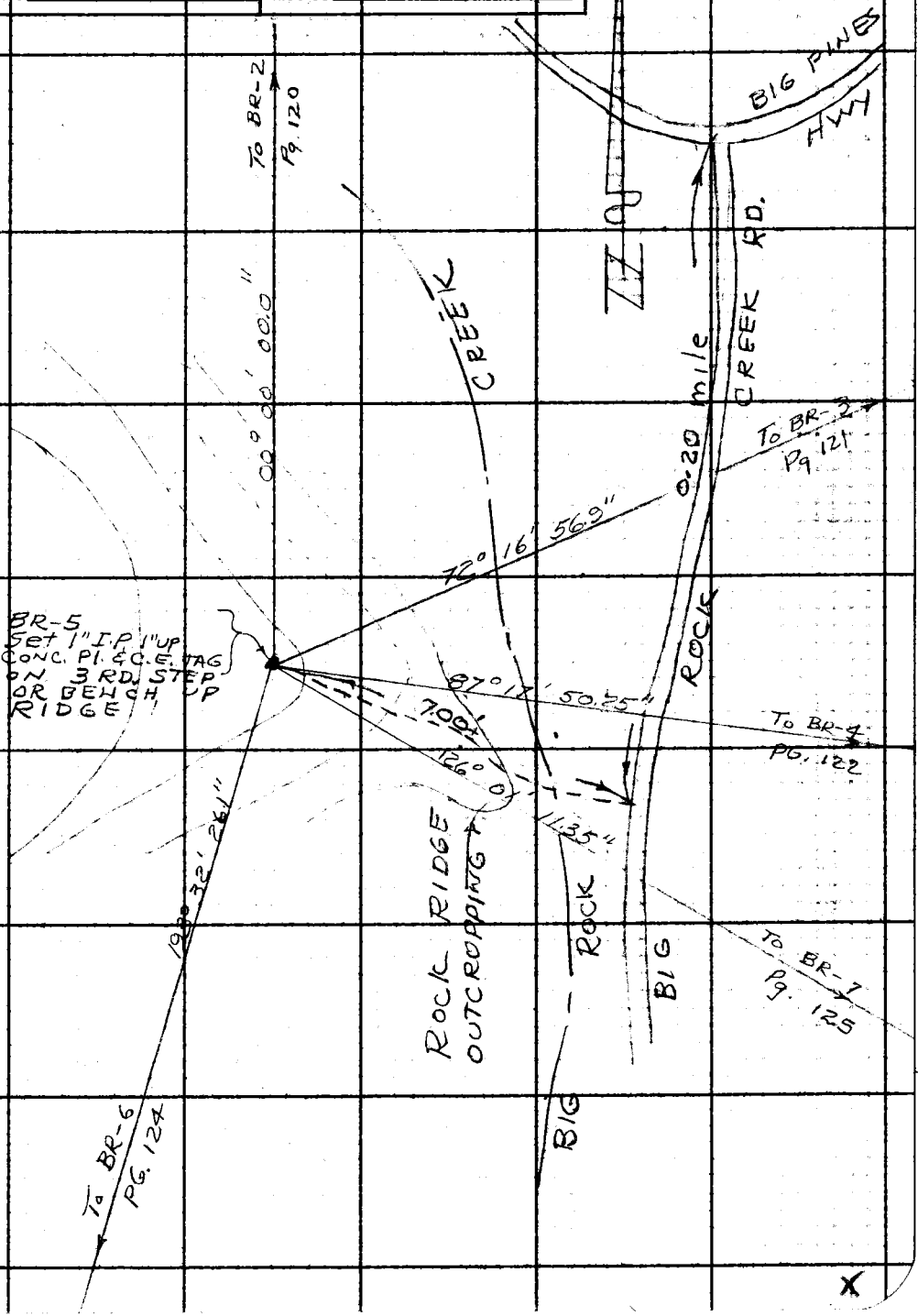


Notes Ck'd by	Survey of BIG ROCK CR. RD.
Map No.	JN 0960.33 Tape 181 Std 84 °F
Office Work	Surveyed by J S COATES
Checked	Notes JSC Date 4-15-66
Date	Indexed C. J. GALLI

F. B 2643 PG. 123



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76F3098 CE #310 6-63

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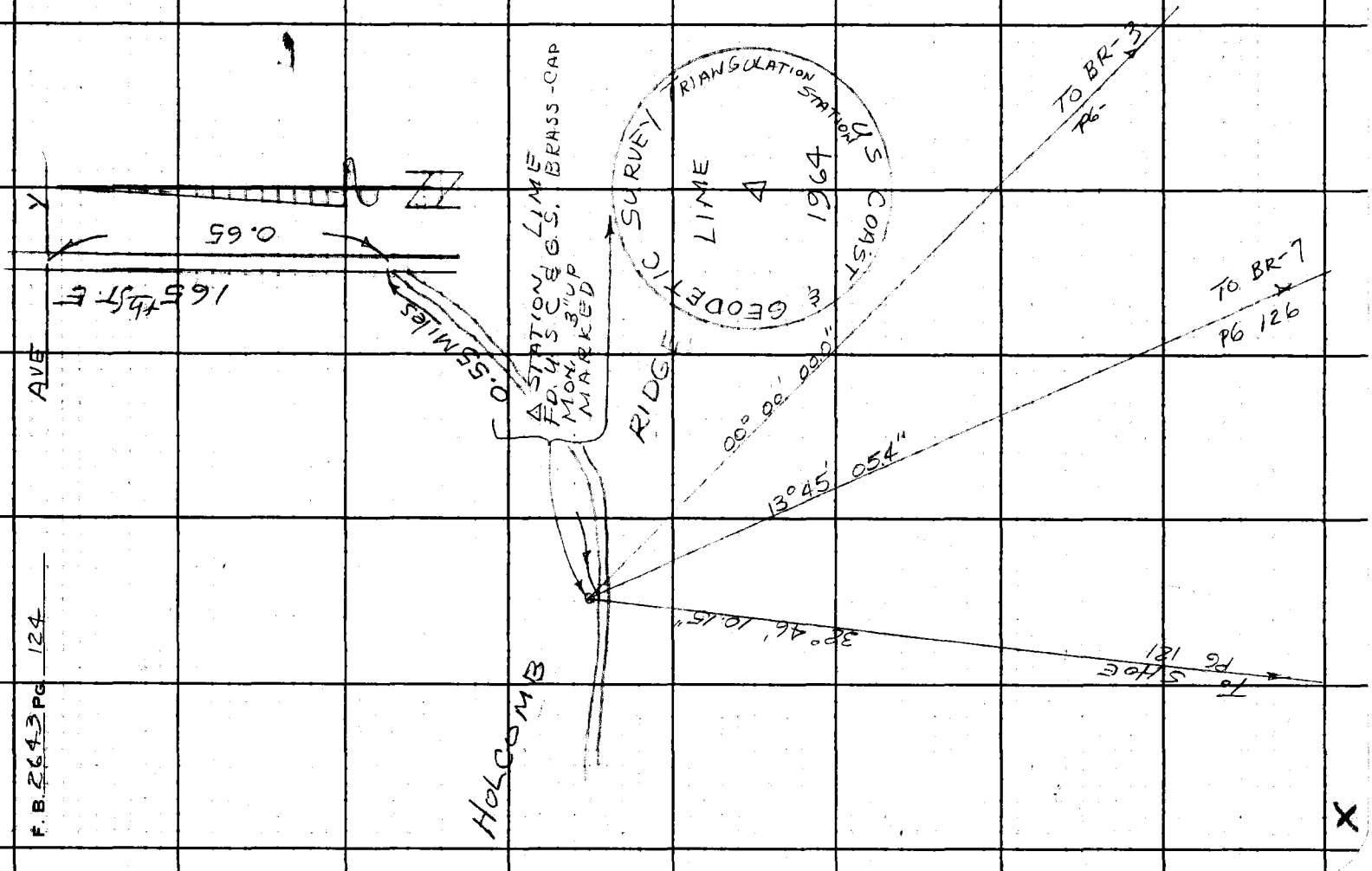
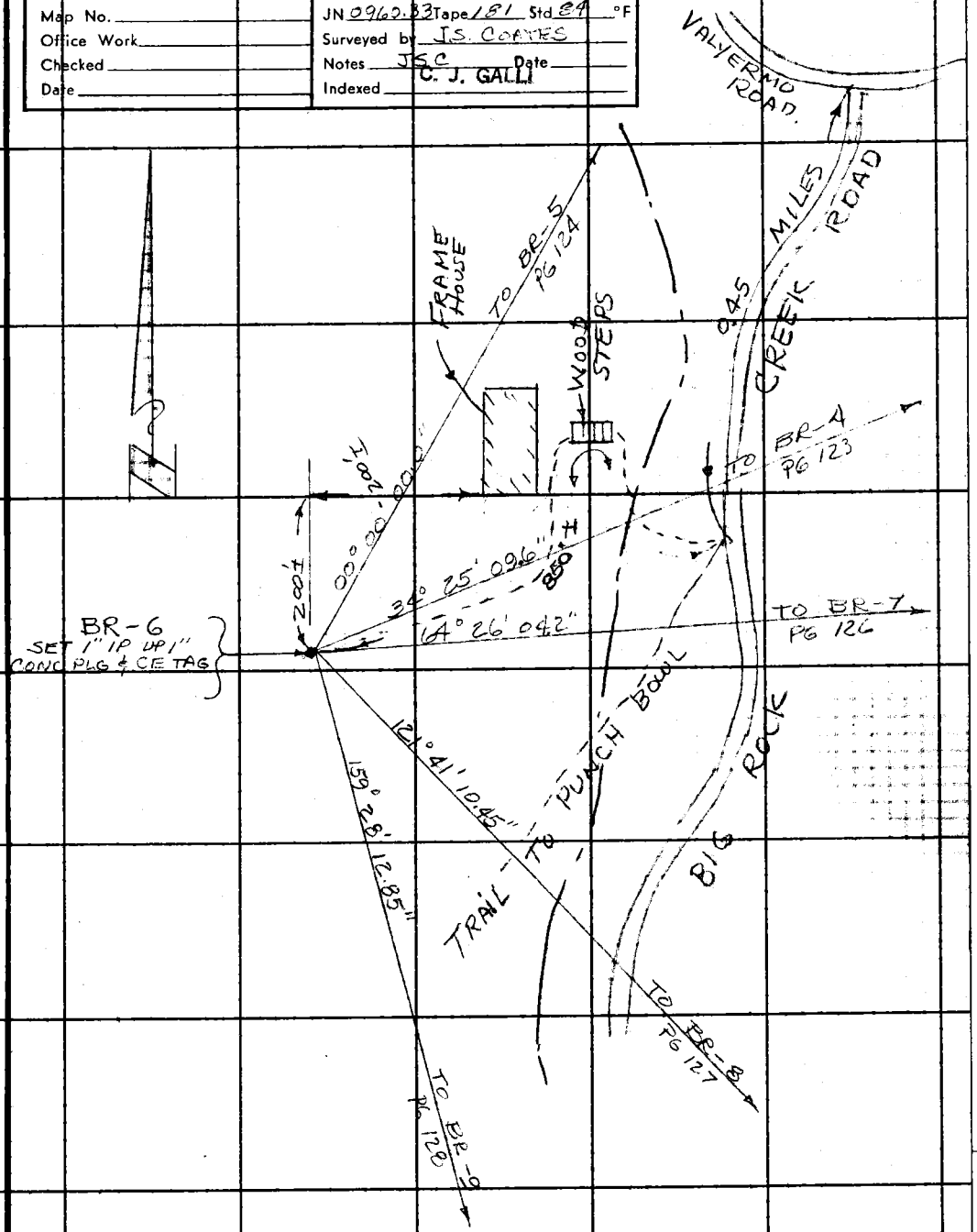


F.B. 2643 PG. 124

Notes Ck'd by	Survey of BIG ROCK CREEK RD
Map No.	JN 0960.33 Tape 181 Std 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes JSC Date
Date	Indexed C. J. GALLI

F. B. 2643 PG. 125



Noted on Gen. Index Card
Plotted on U.S.G.S. Quad. Mds.
Placed on Gen. Hwy. Mt. Sh.
Sketch on Gen. Desc. Card

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76F309S CE #310 6-83

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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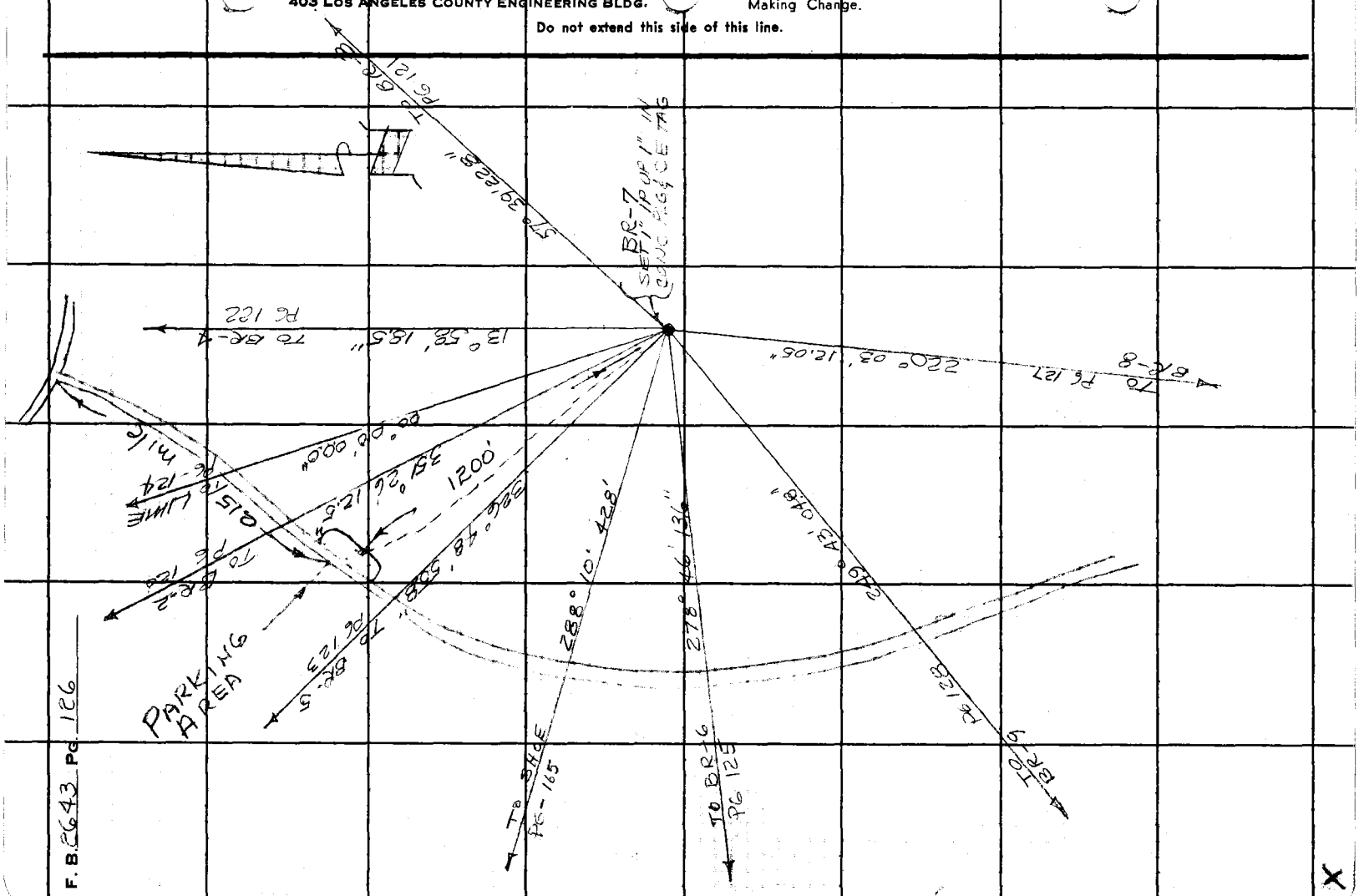

F. B. 6643 PG. 126

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

Survey of BIG ROCK CREEK Rd
JN 0960.33 Tape 181 Std 84 °F
Surveyed by J.S. COATES
Notes H.C.H Date
Indexed C. J. GALLI

F. B. 2643 Pg. 127

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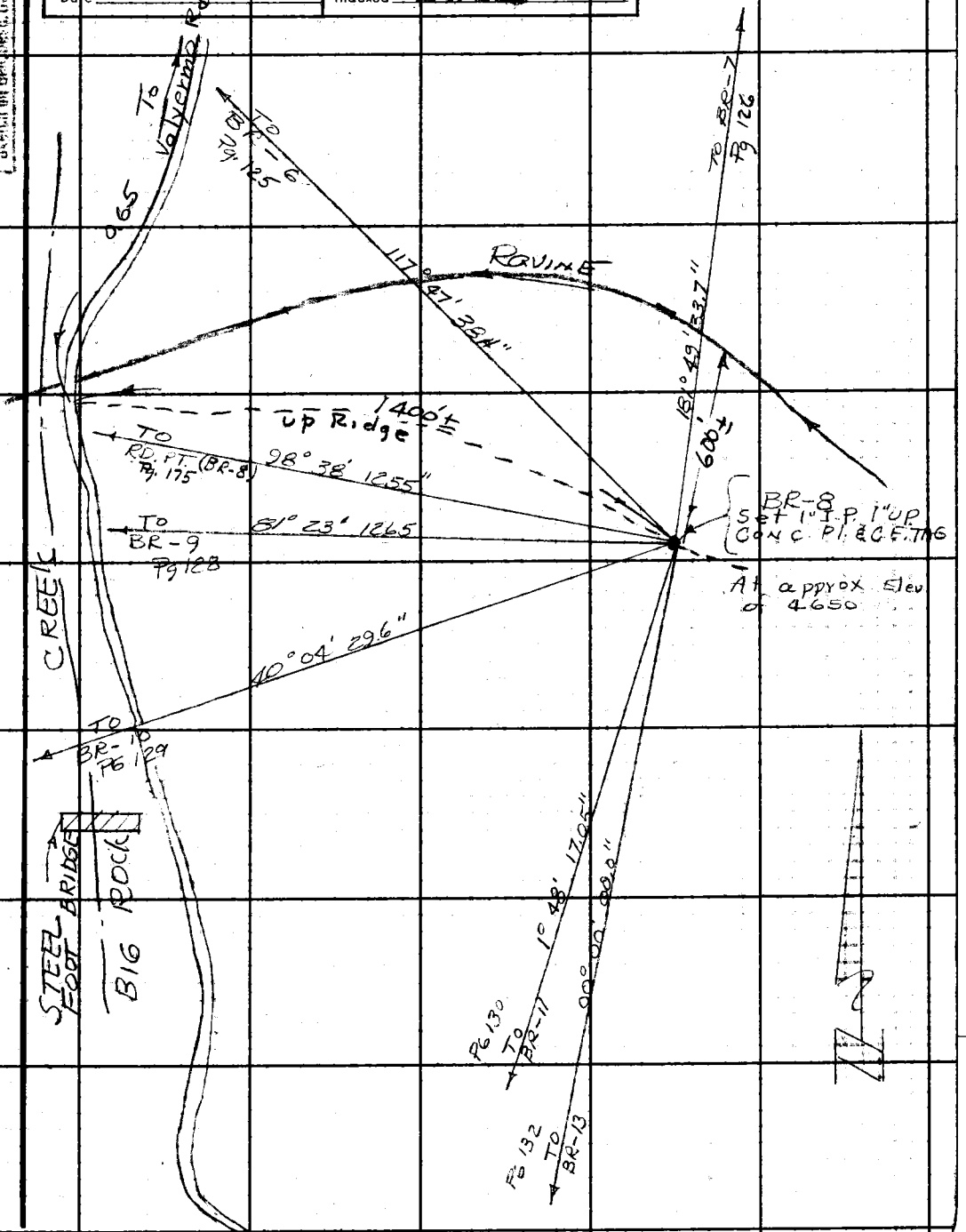
76F309S CE #310 6-63



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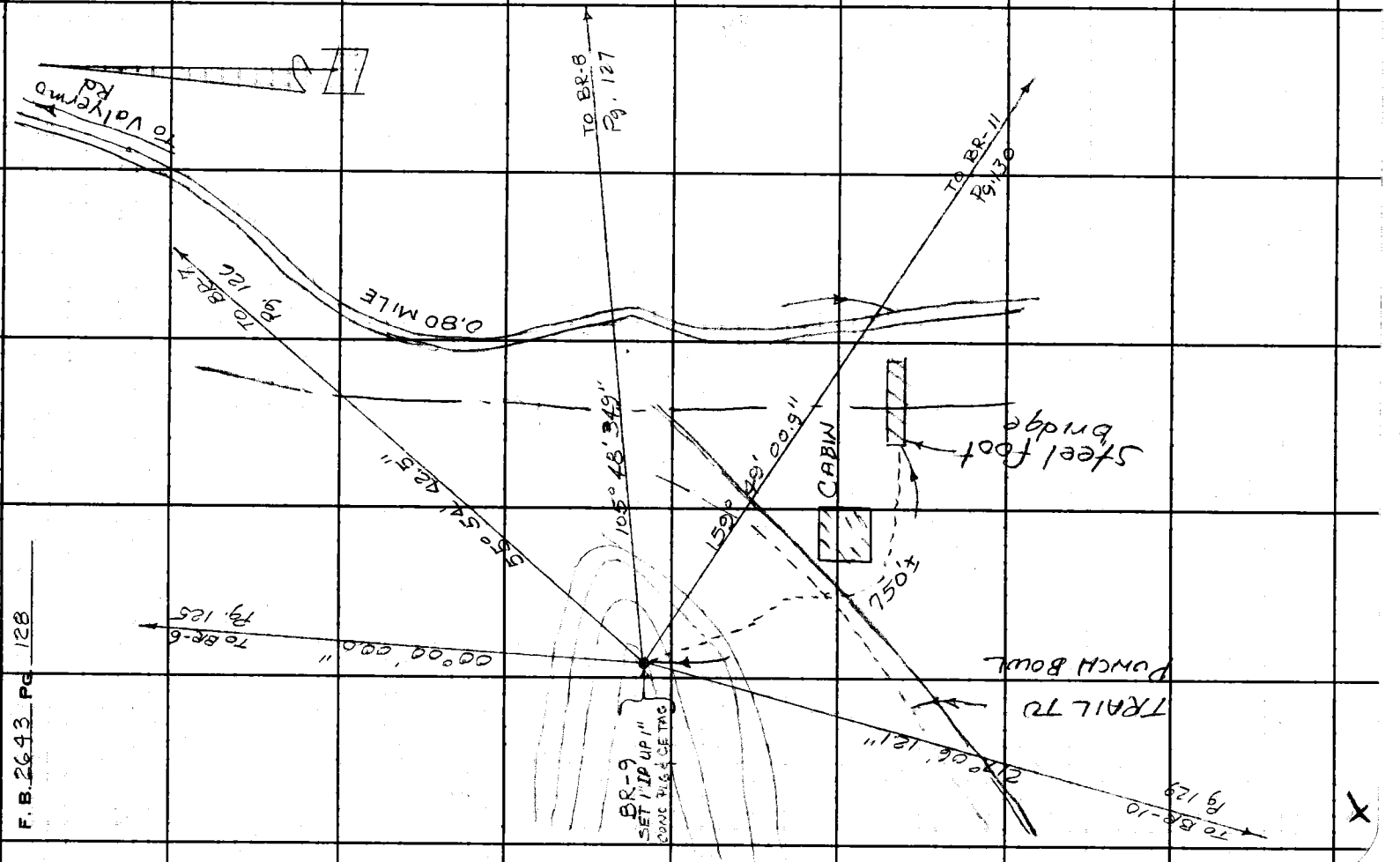
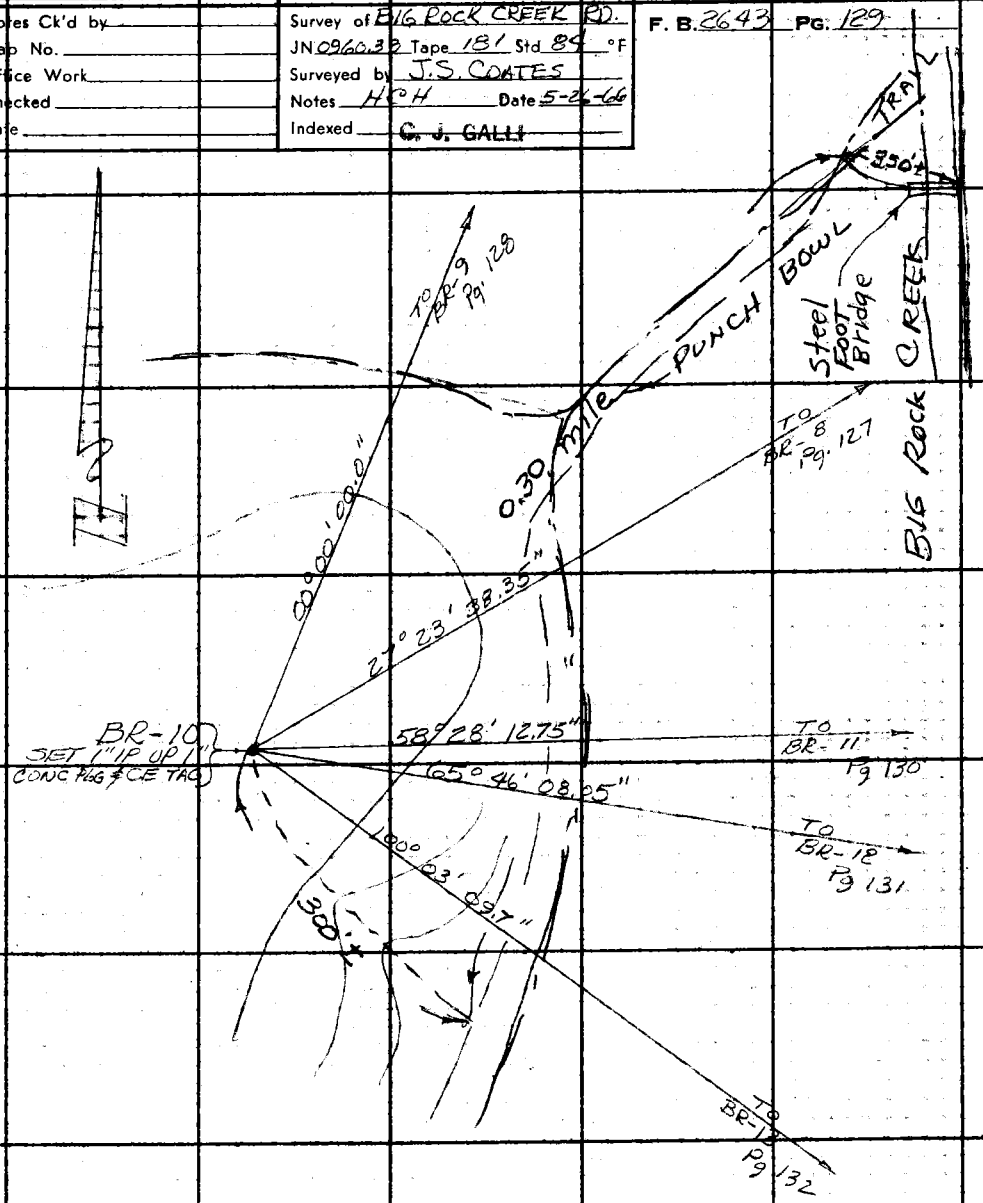


F. B. 2643 Pg 128

Notes Ck'd by	Survey of BIG ROCK CREEK RD.
Map No.	JN 0960.38 Tape 181 Std 85 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes H°C°H Date 5-24-66
Date	Indexed C. J. GALLI

F. B. 2643 PG. 129



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76F3085 CE #310 6-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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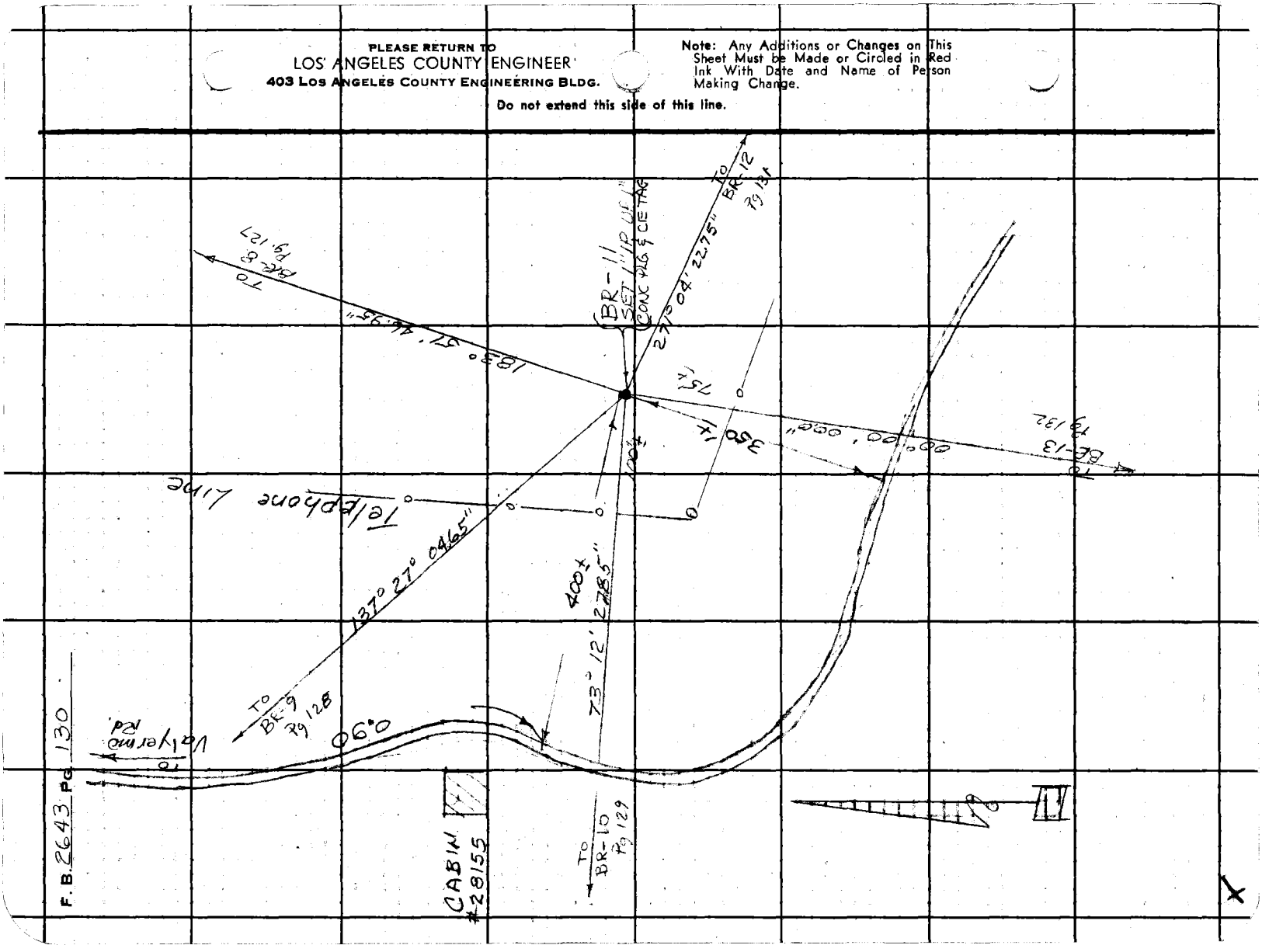

Notes Ck'd by	Survey of BIG ROCK CREEK RD
Map No.	JN 0960.33 Tape 181 Std 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes H.C.H. Date 5-26-66
Date	Indexed C. J. GALLI

F. B. 2643 PG. 131

BR-12
SET 1"IP UP 2"
CONC PLG & CE TAG

TO BR-11 Pg 180
182° 21' 05.0"

TO BR-10 Pg 129
171° 47' 04.45"

00° 00' 00.0"
TO BR-15 Pg 134

135° 14' 31.5"
TO BR-13 Pg. 132

33° 14' 18.2"
TO BR-14 Pg. 133

550'+

TO Valyermo Rd.
1.35 MILES

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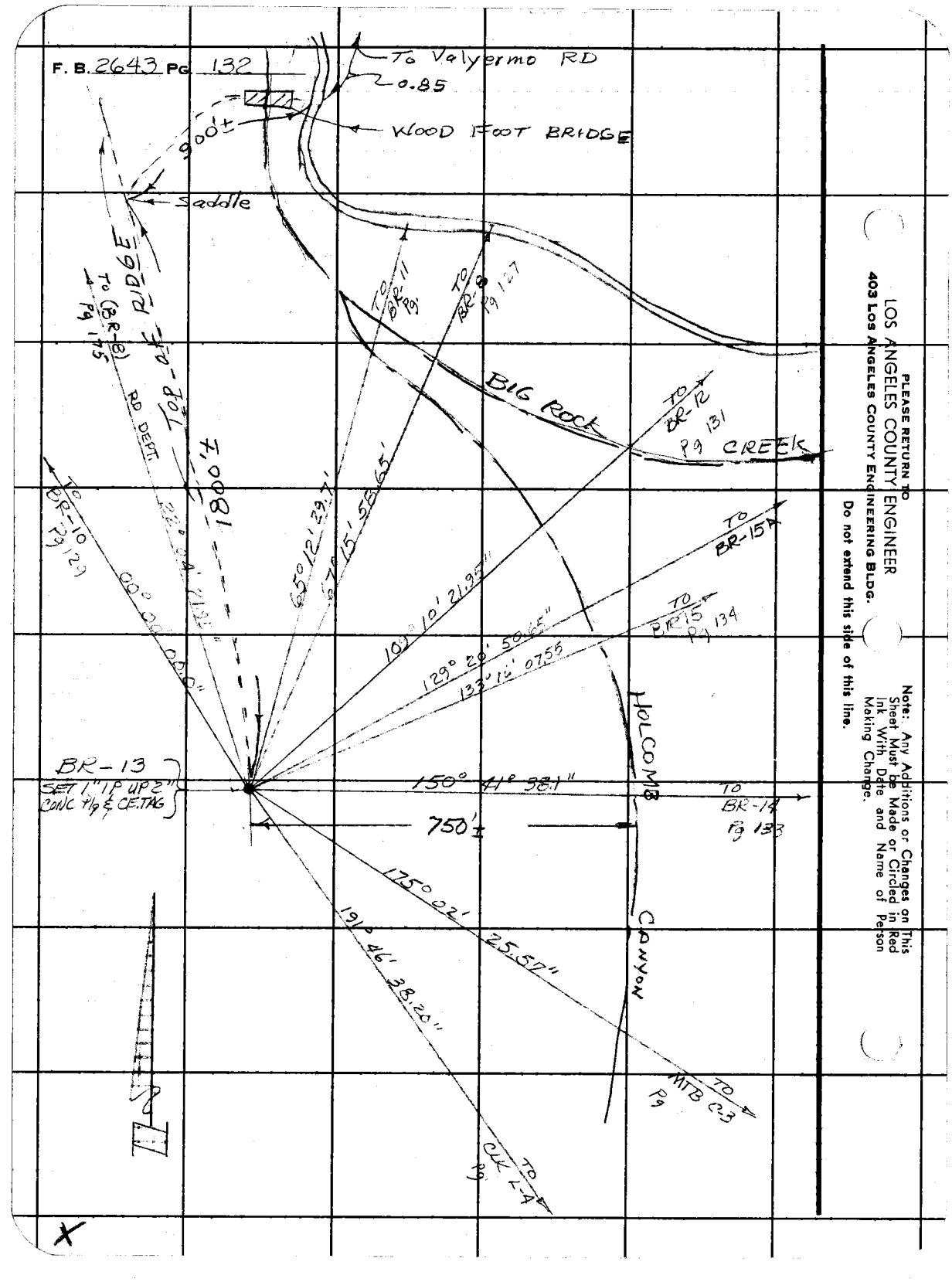
76F309S CE #310 6-63

F. B. 2643 Pg 132



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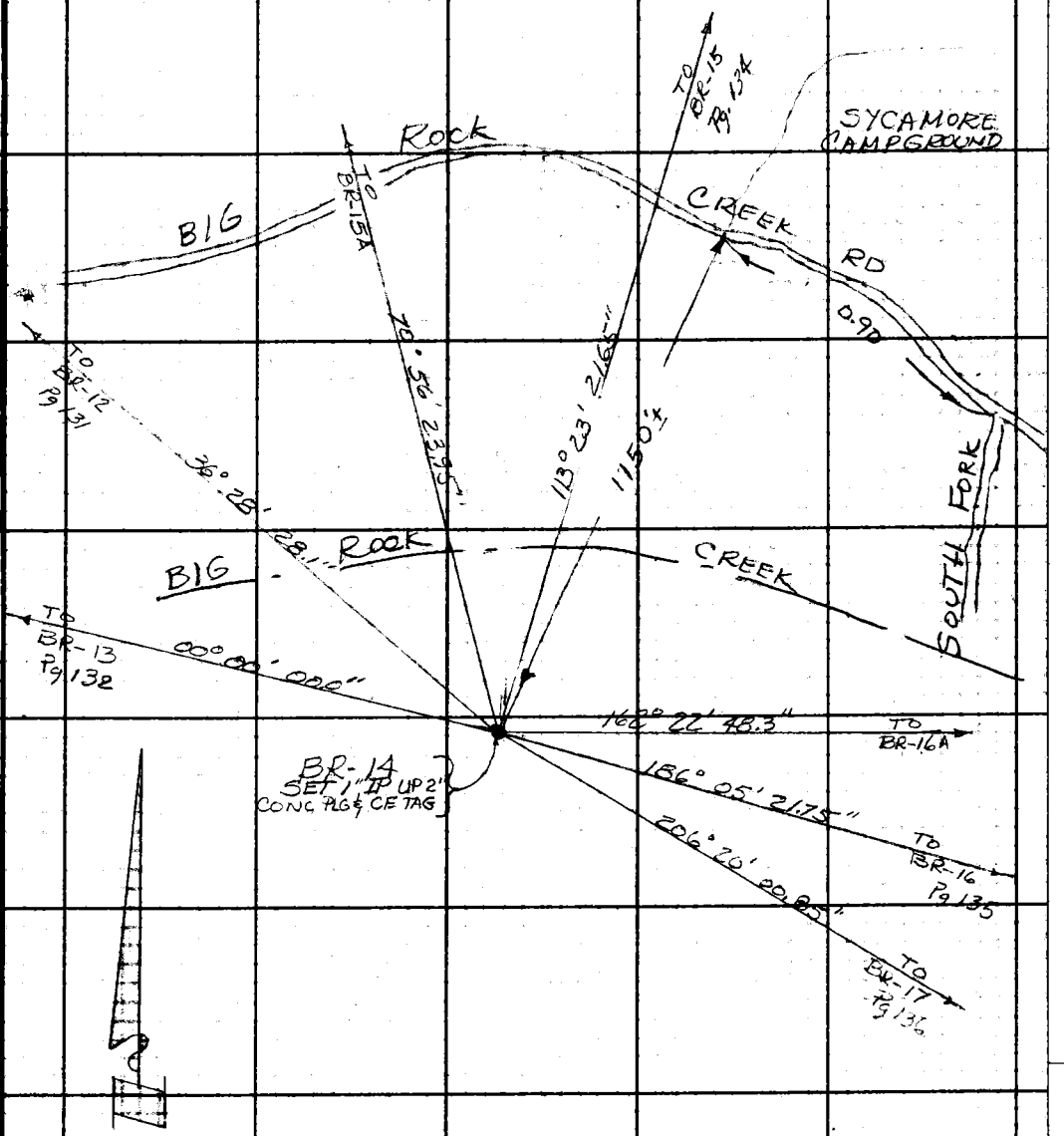
Notes Ck'd by	Survey of BIG ROCK CREEK RD
Map No.	JN0960.33 Tape 181 Std 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes HCH Date 5-25-66
Date	Indexed C. J. GALLI

F. B. 2643 PG. 133



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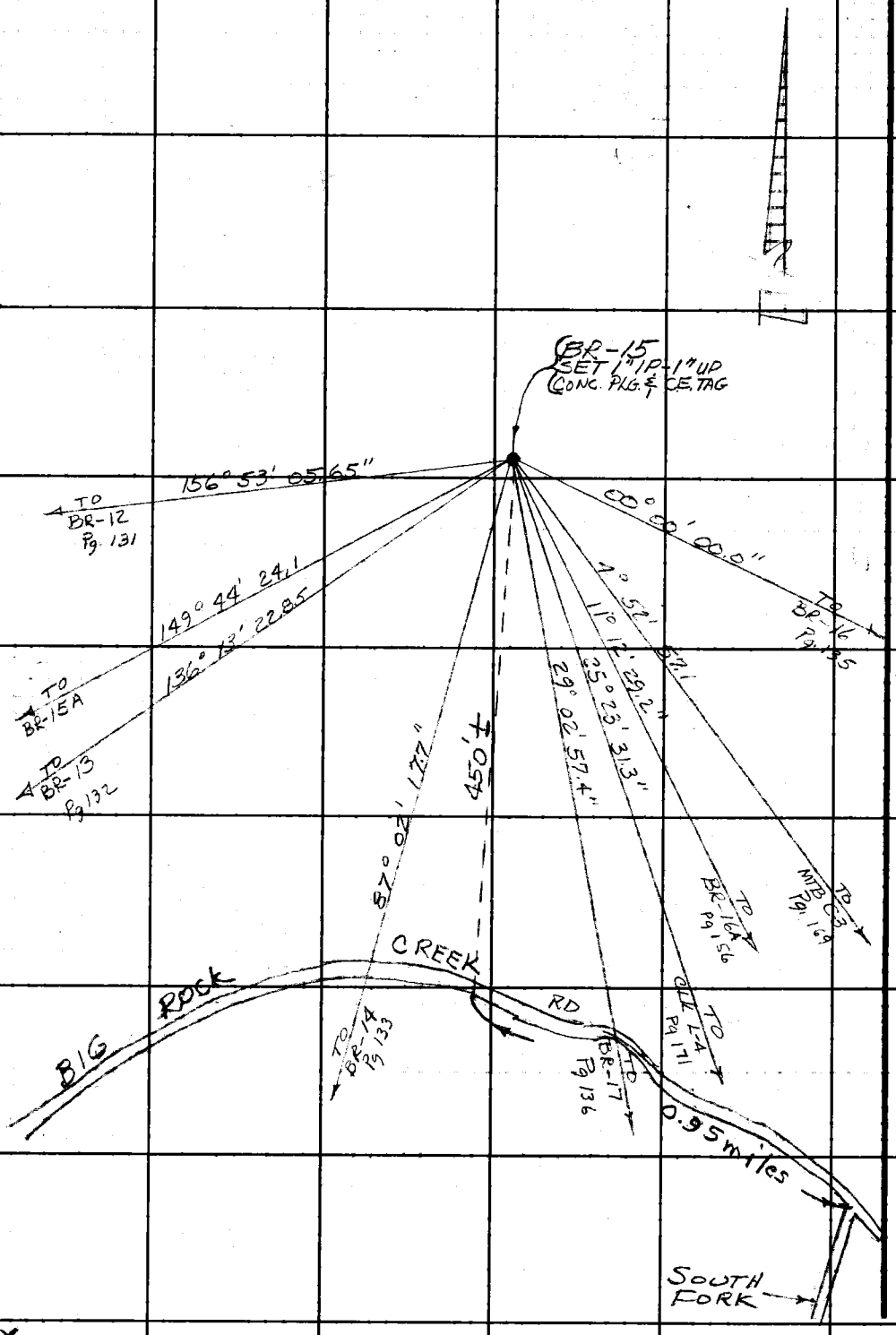
76F3099 CE #310 6-63

F. B. 2643 Pg. 134



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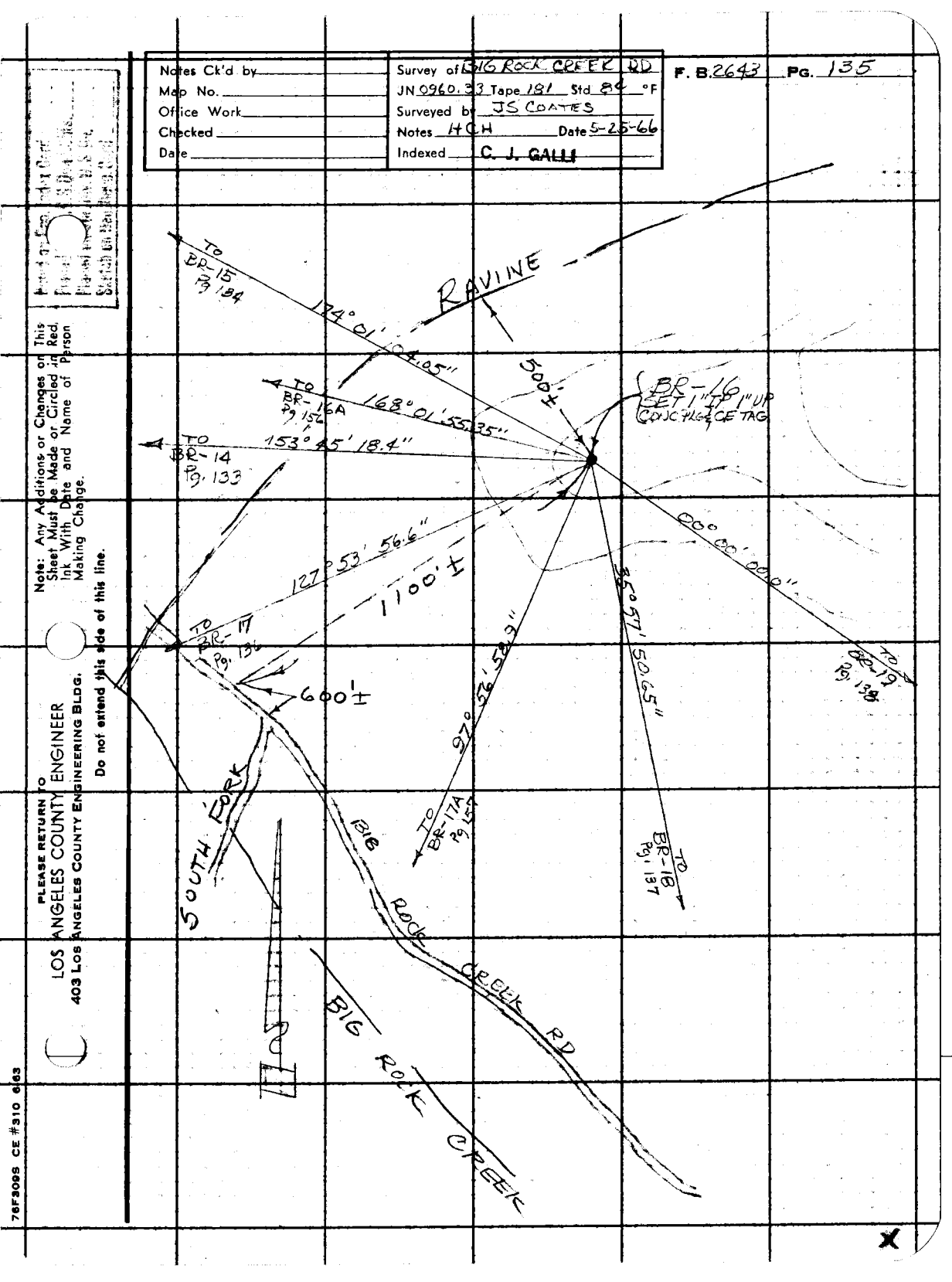
X

Notes Ck'd by	Survey of BIG ROCK CREEK RD
Map No.	JN 0960.33 Tape 181 Std 80 °F
Office Work	Surveyed by JS COATES
Checked	Notes HCH Date 5-25-66
Date	Indexed C. J. GALLI

F. B. 2643 Pg. 135



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78F3095 CE #310 663

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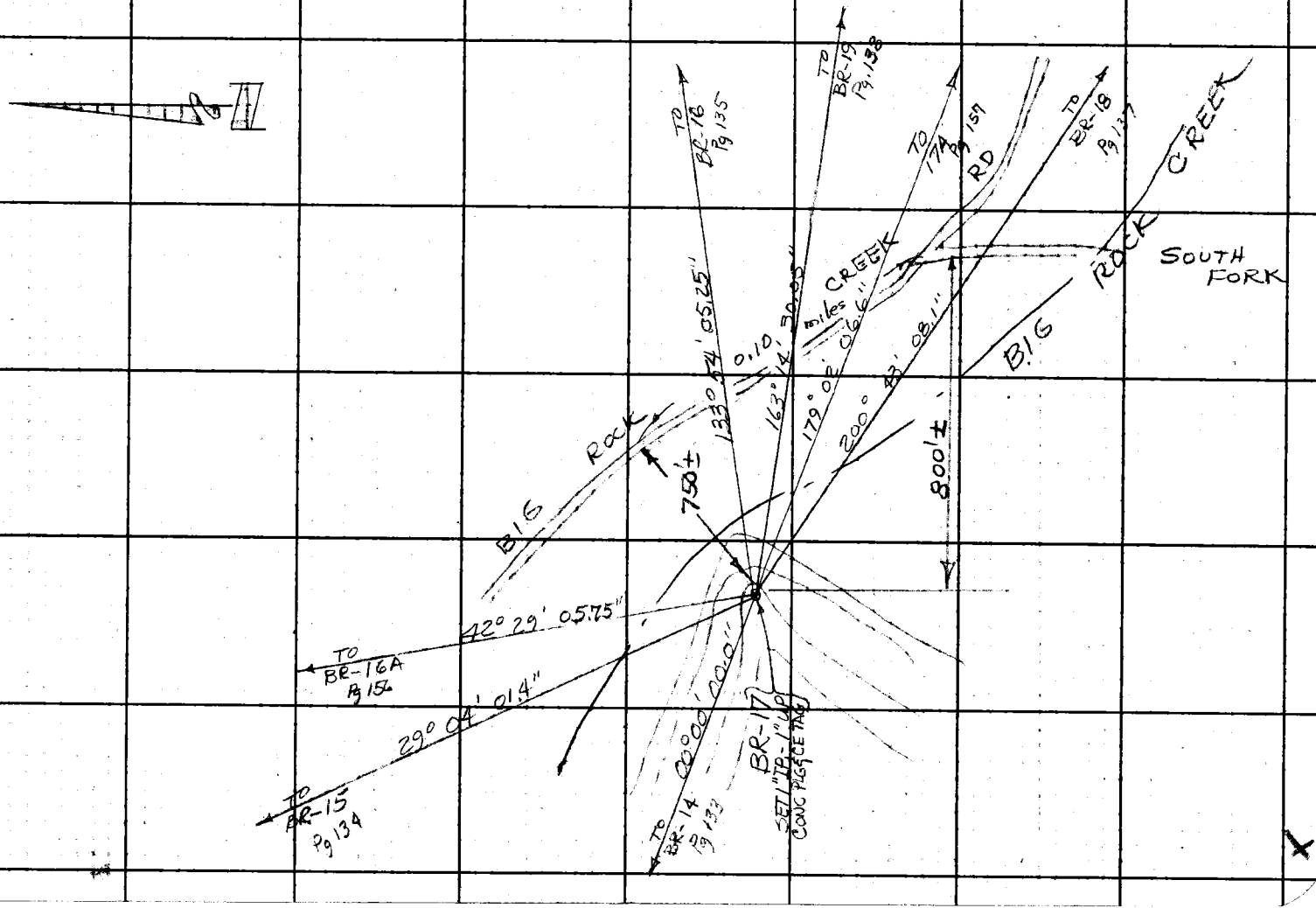
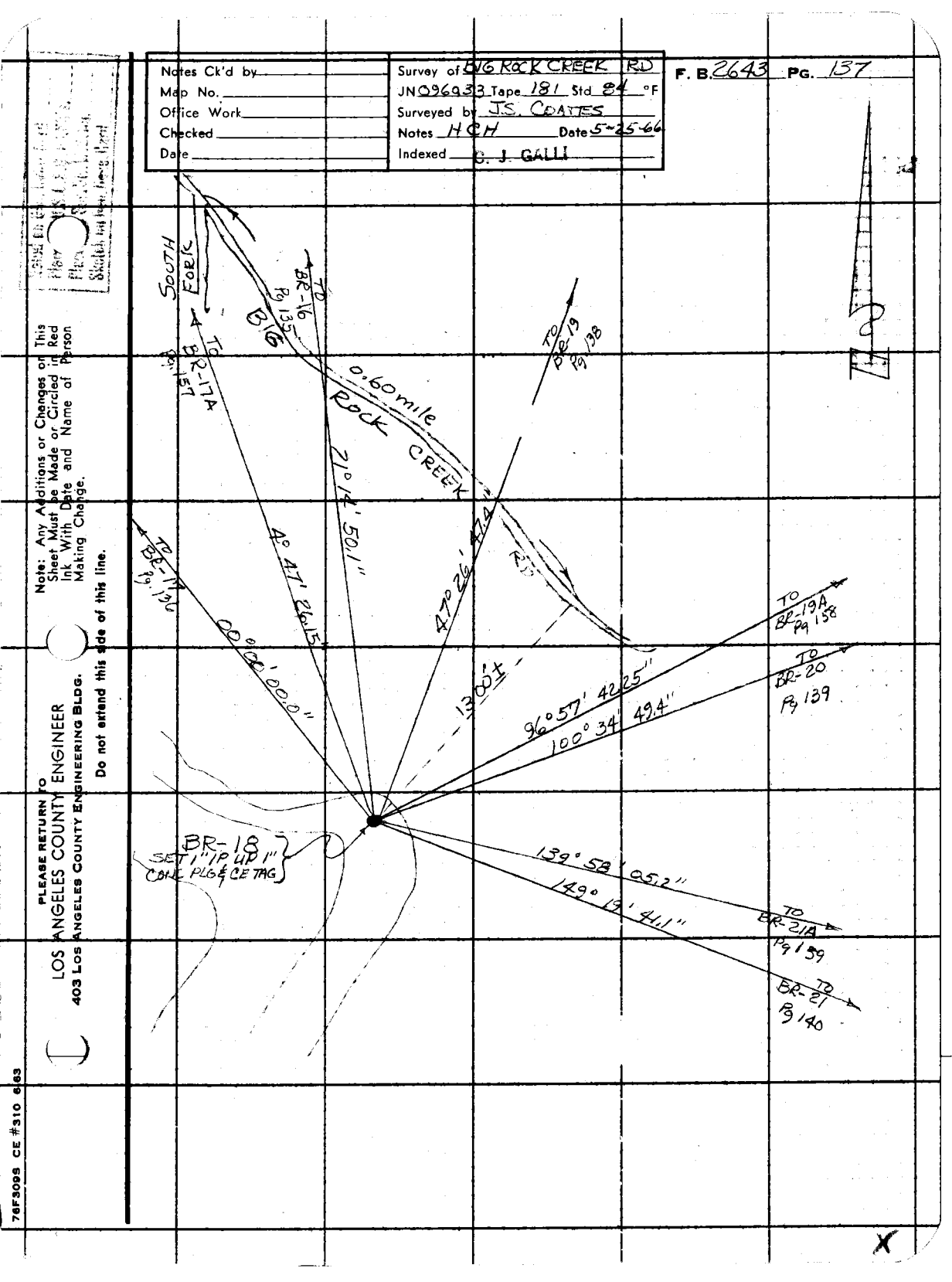


F. B. 2643 PG 136

Notes Ck'd by	Survey of 516 ROCK CREEK RD
Map No.	JN 096933 Tape 181 Std 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes HCH Date 5-25-66
Date	Indexed C. J. GALLI

F. B. 2643 PG. 137



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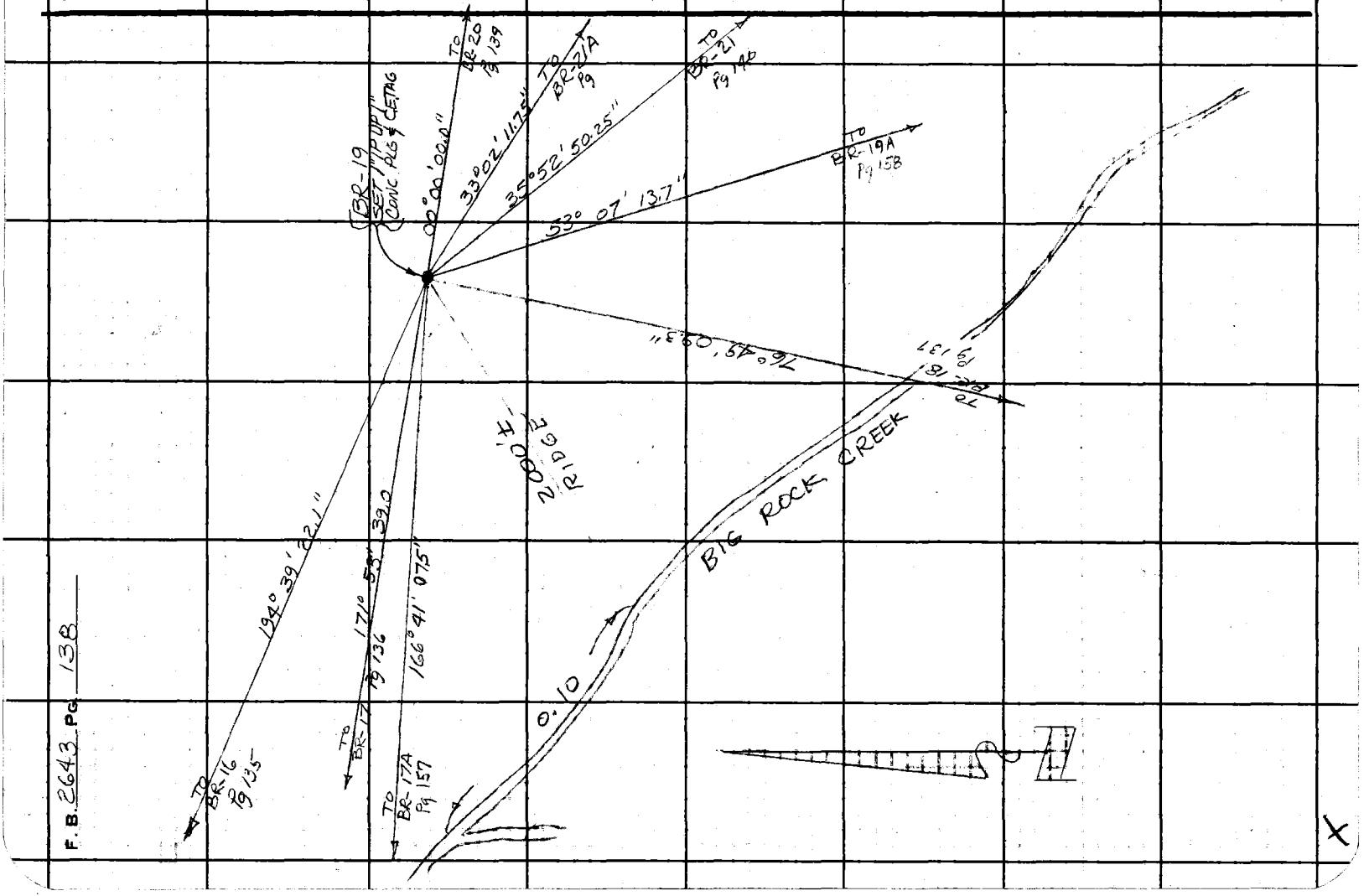

F.B. 2643 Pg 138

Notes Ck'd by	Survey of BIG ROCK CREEK	F. B 2643 PG. 139
Map No.	JN 0960.33 Tape Std °F	
Office Work	Surveyed by J.S. COATES	
Checked	Notes JAA Date 4-8-66	
Date	Indexed C. J. GALLI	

Noted on Geo. Index Card
Placed on U.S. Quad. Shts.
Placed on Ctr. Div. W.S. No.
Sketch on Geo. Desc. Card

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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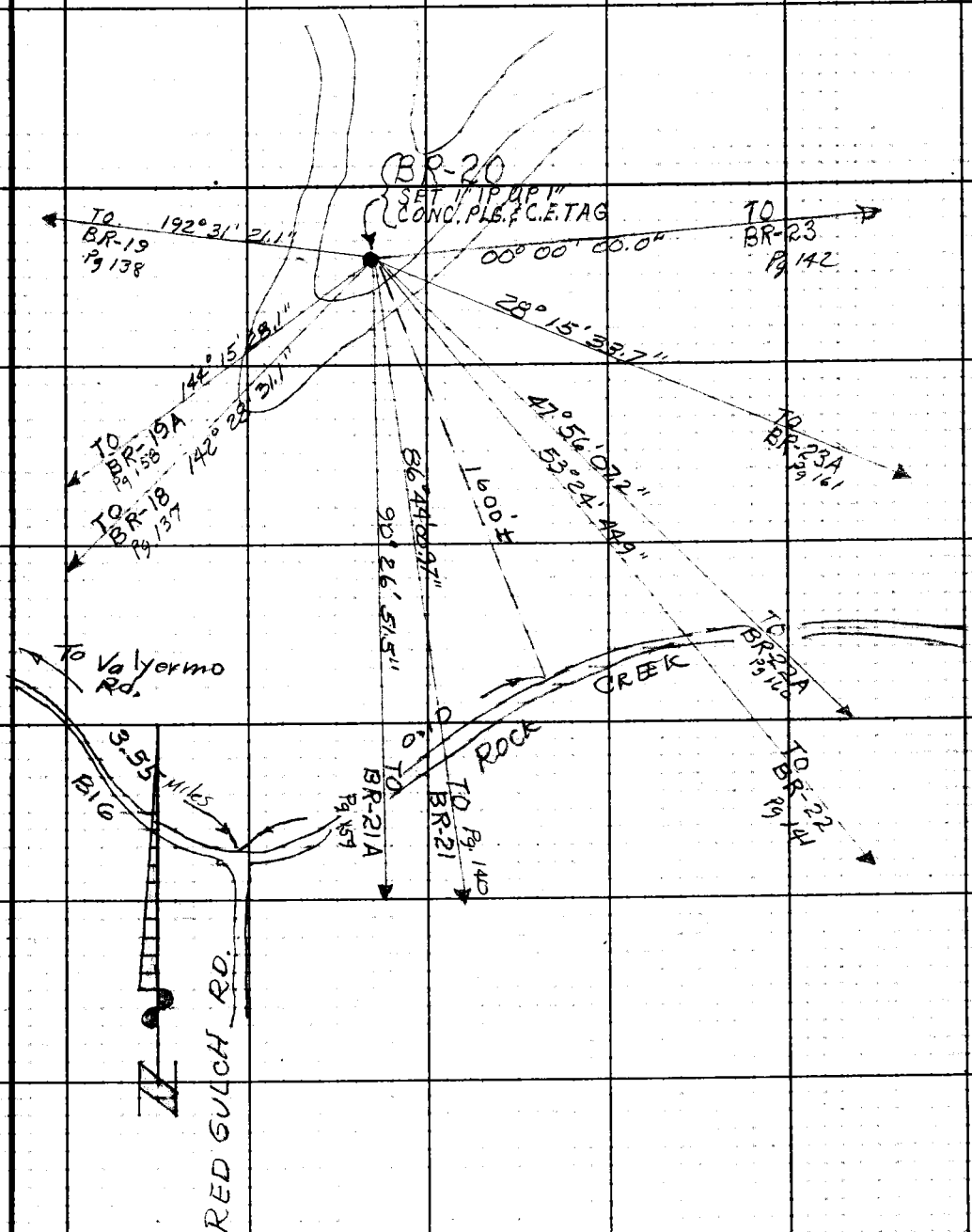

76F309S CE#310 1-65

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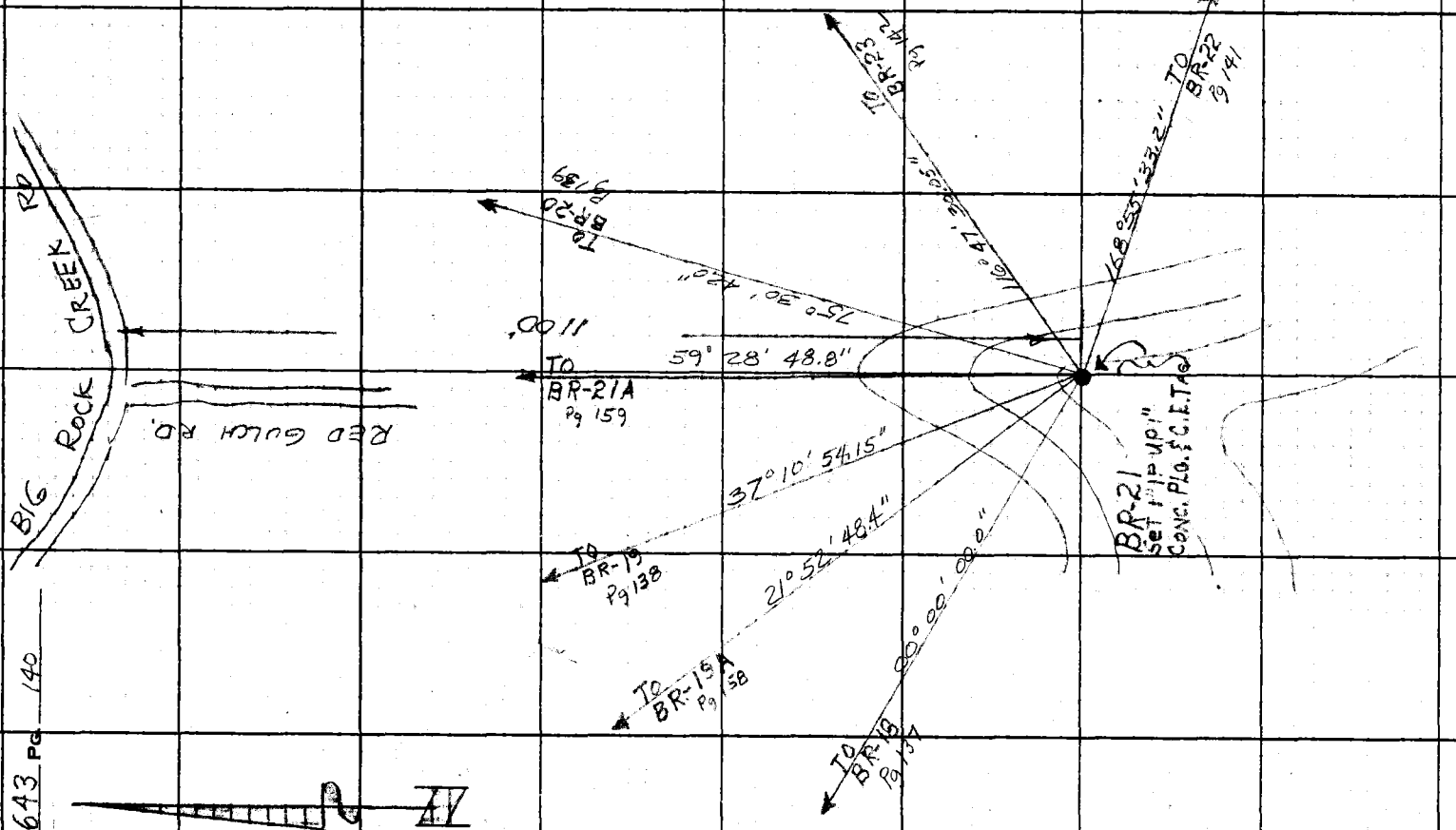
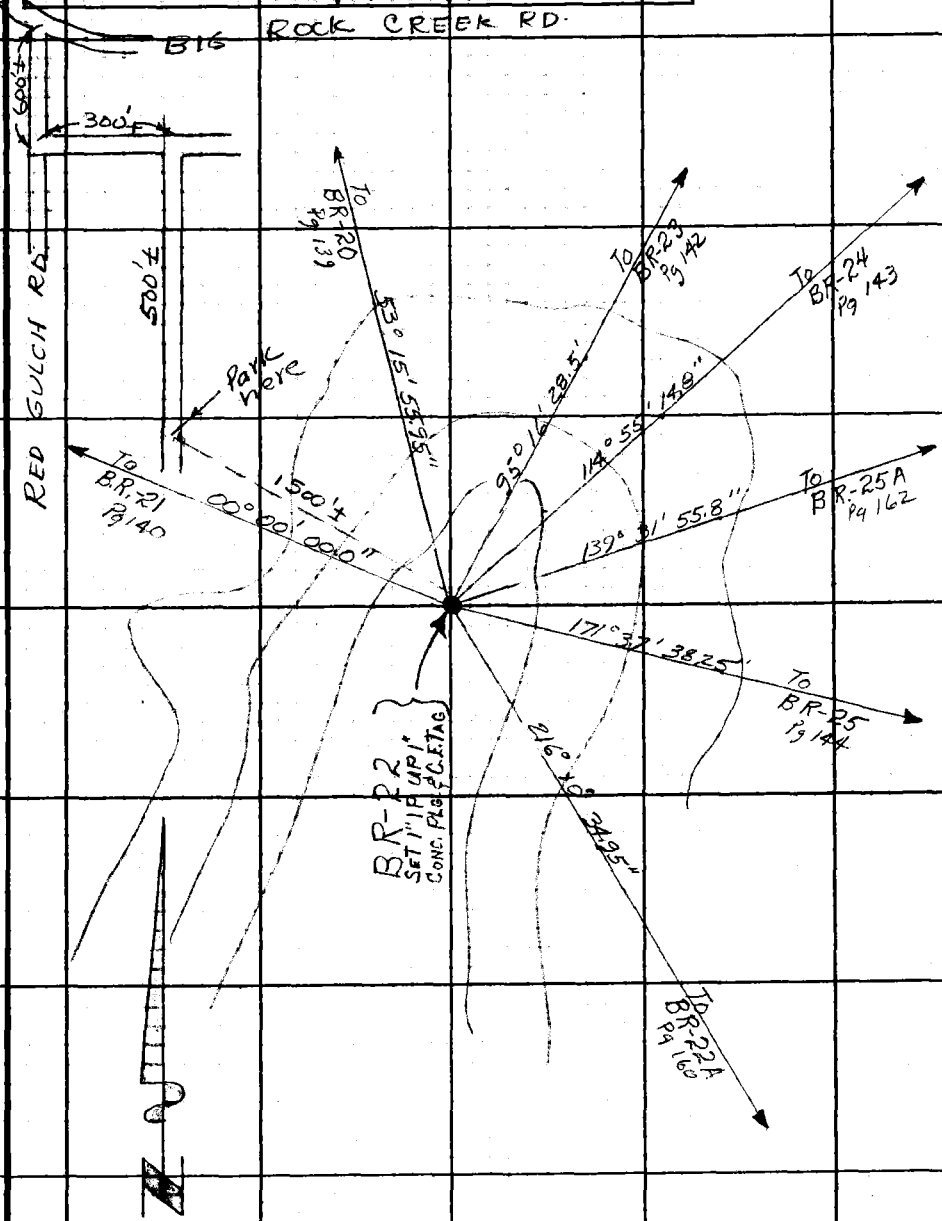


F.B. 2643 PG 140

Notes Ck'd by	Survey of BIG ROCK CREEK	F. B. 2643 PG. 141
Map No.	JN 0960.33 Tape Std. °F	
Office Work	Surveyed by J.S. COATES	
Checked	Notes J.A.A. Date 4-9-66	
Date	Indexed C. J. GALLI	



Noted on Index Card
Placed on U.S. Quad. Shts.
Placed on Mtg. Bk. M.S. No.
Sketch on Geo. Base Card

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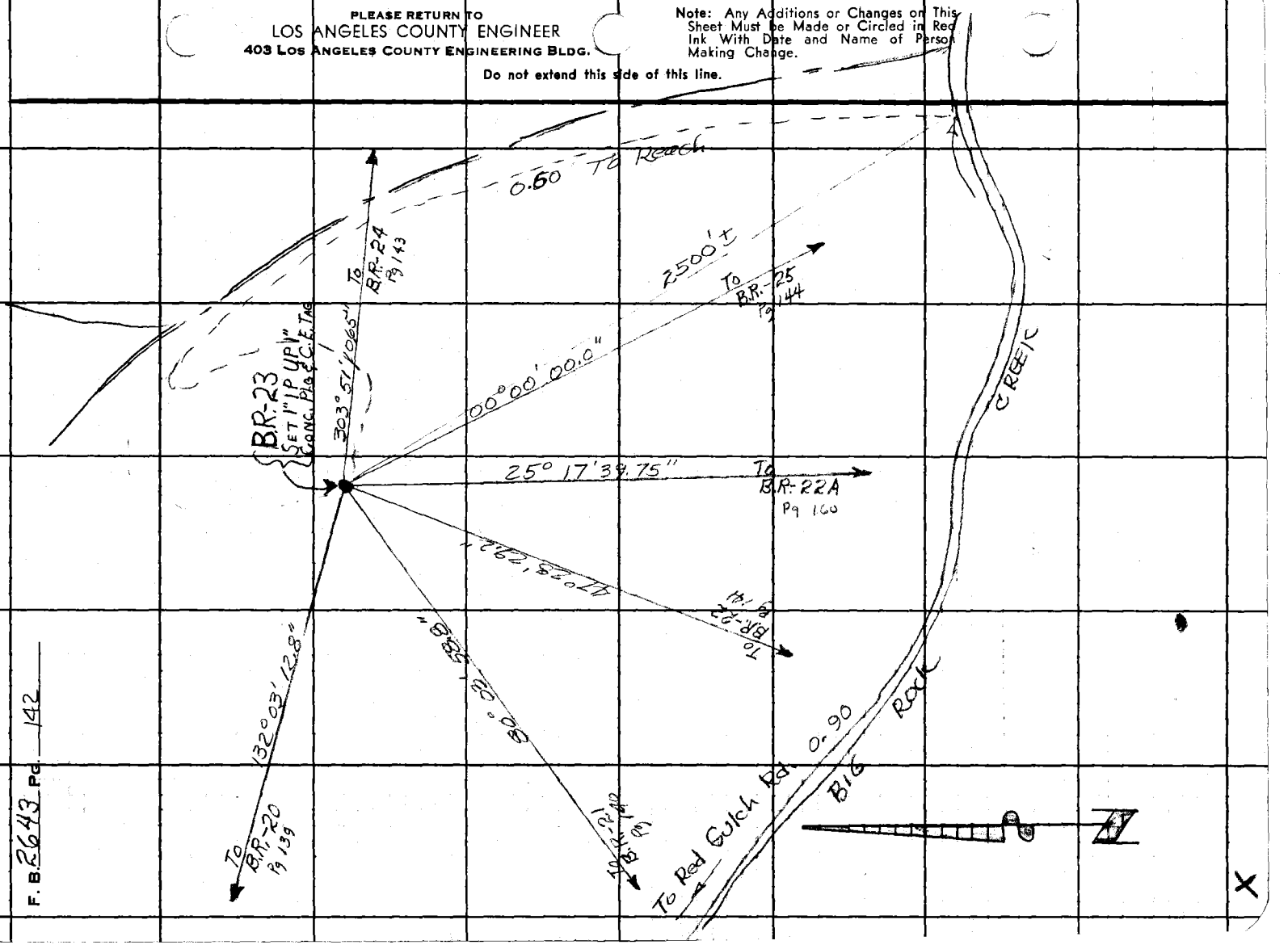

F. B. 2643 Pg. 142

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

Survey of Big Rock Creek
JN 0960.33 Tape 191 Std. 84 °F
Surveyed by J.S. Coates
Notes J.A.A. Date 6-21-66
Indexed C. J. GALLI JUL 14 '66

F. B. 2643 PG. 143

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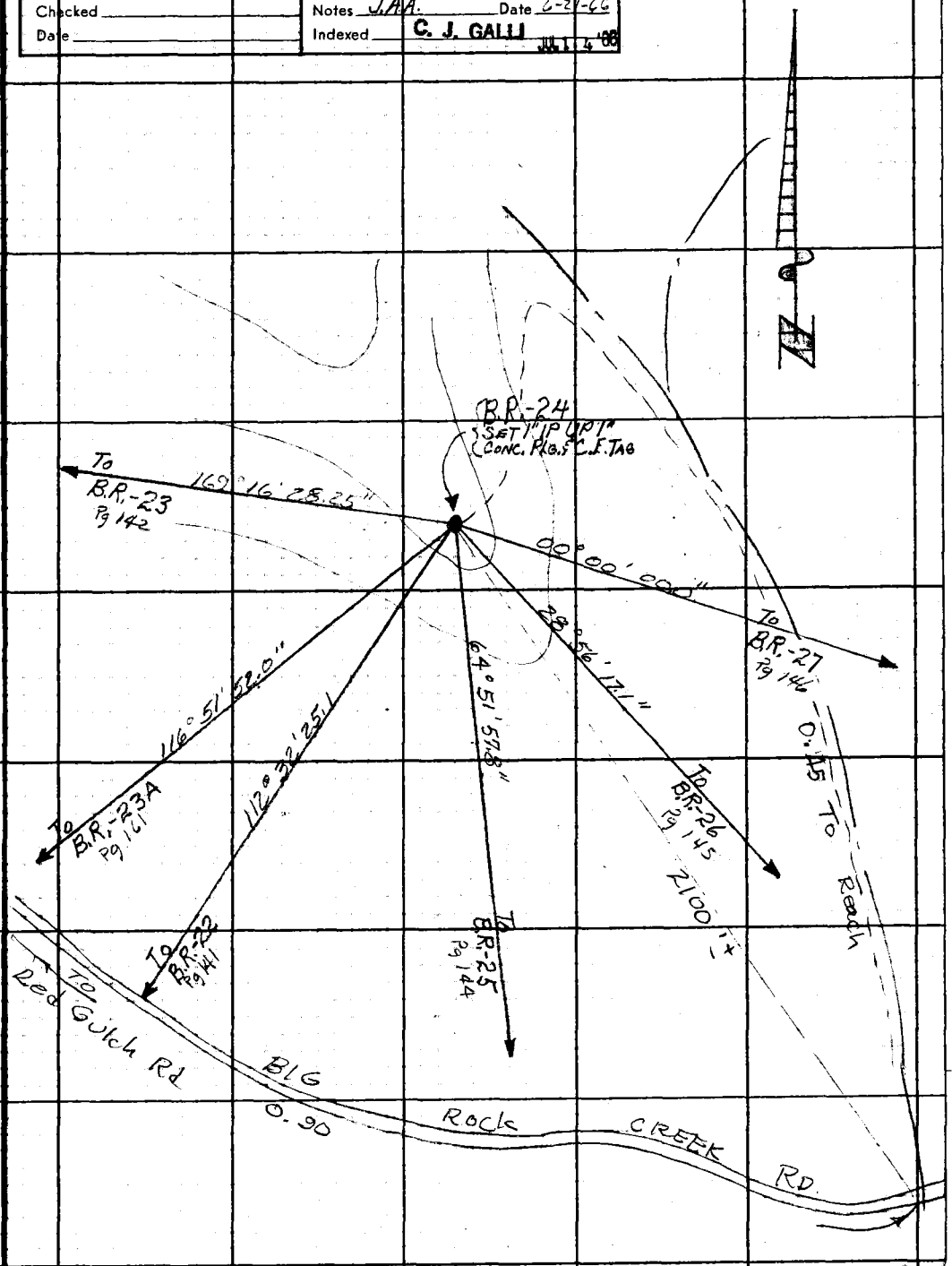
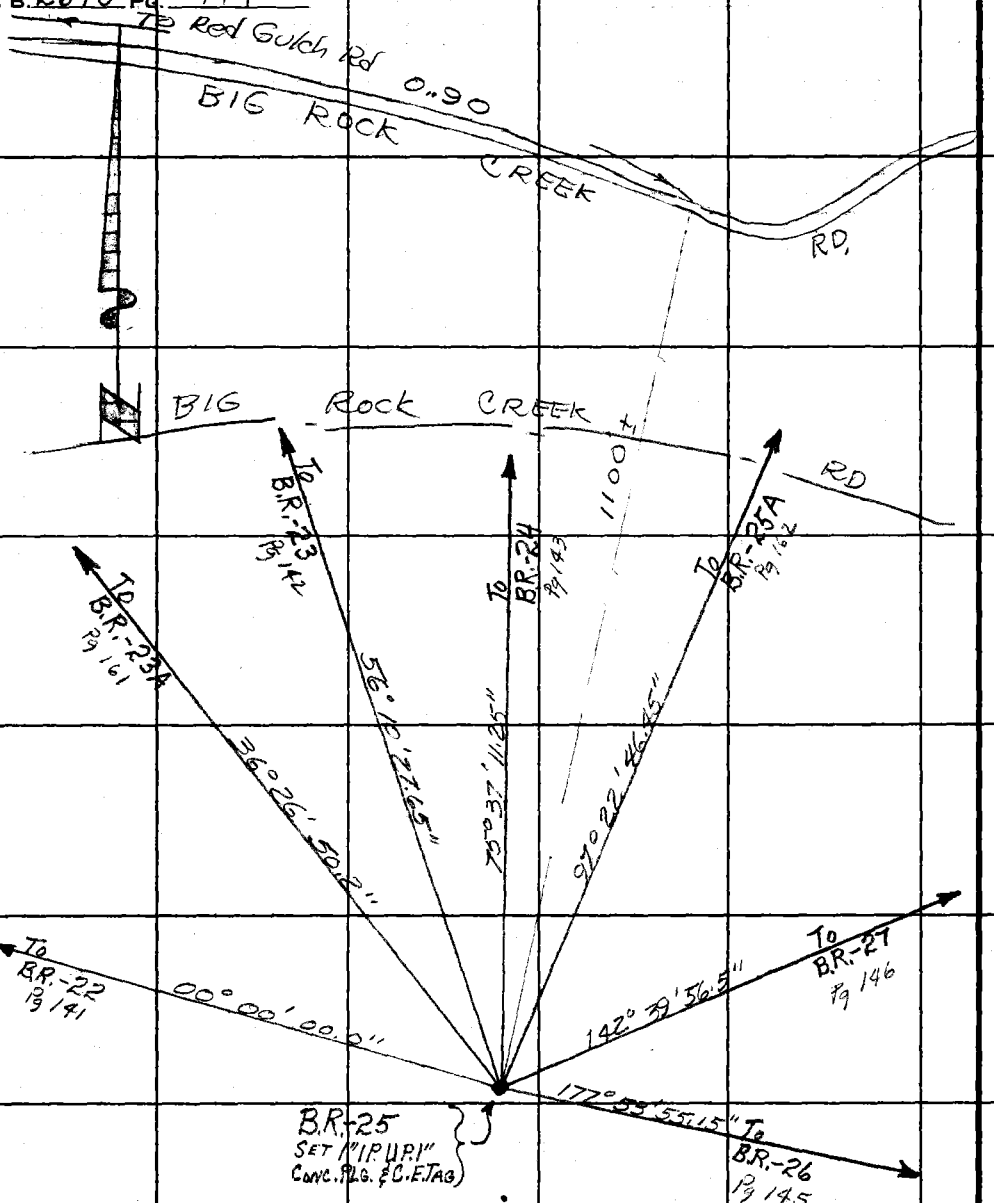


76F309S CE#310 1-65

F. B. 2643 Pg. 144



LOS ANGELES COUNTY ENGINEER
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Notes Ck'd by	Survey of Big Rock Creek	F. B. 2643 Pg. 145
Map No.	JN 0960.33 Tape Std °F	
Office Work	Surveyed by J.S. Coates	
Checked	Notes J.A.A. Date 6-21-66	
Date	Indexed C. J. GALLI	

Noted on Geo. Index Card
Placed on G.S. Bund. Shts.
Placed on Div. M.S. No.
Sketch on Geo. Desc. Card

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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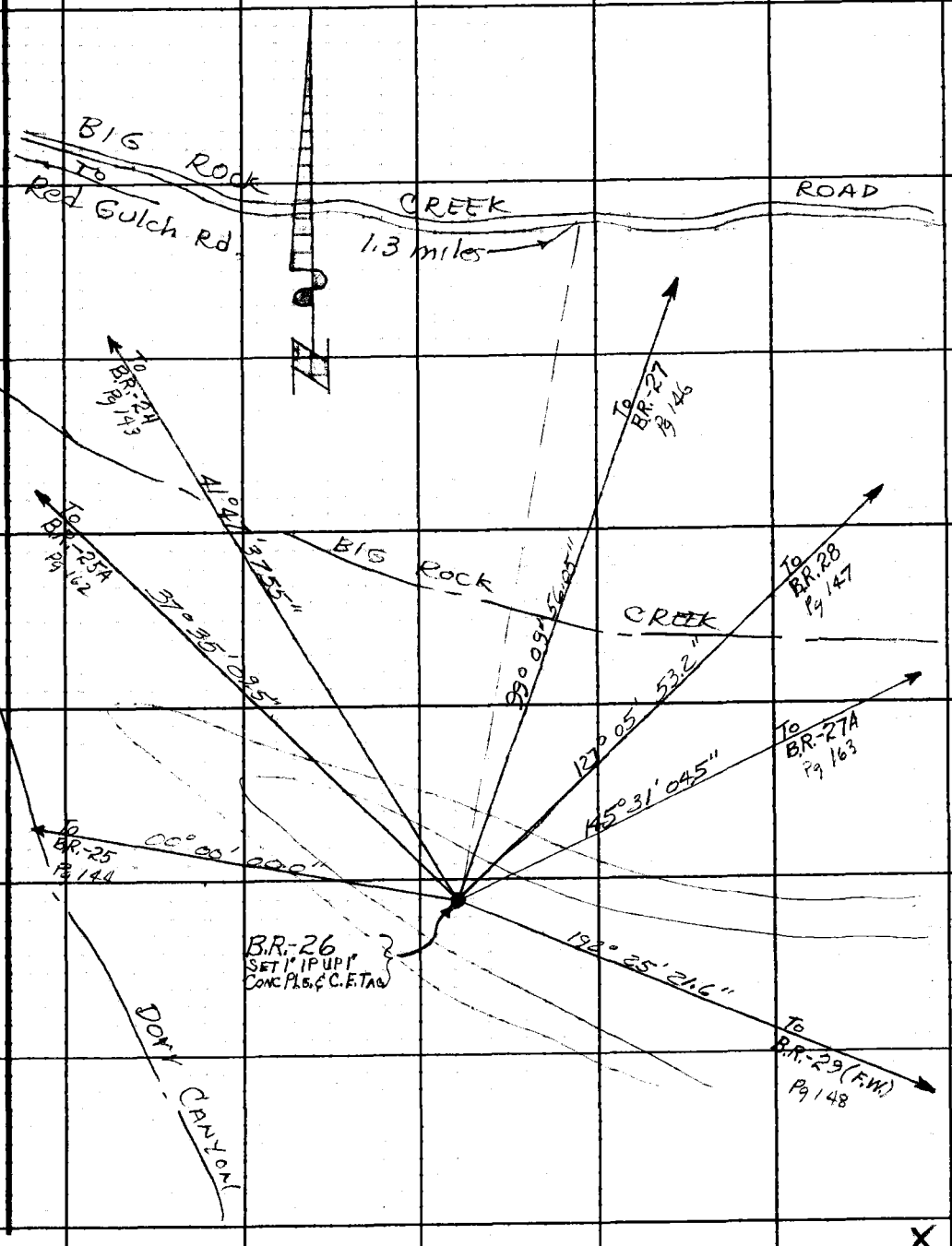
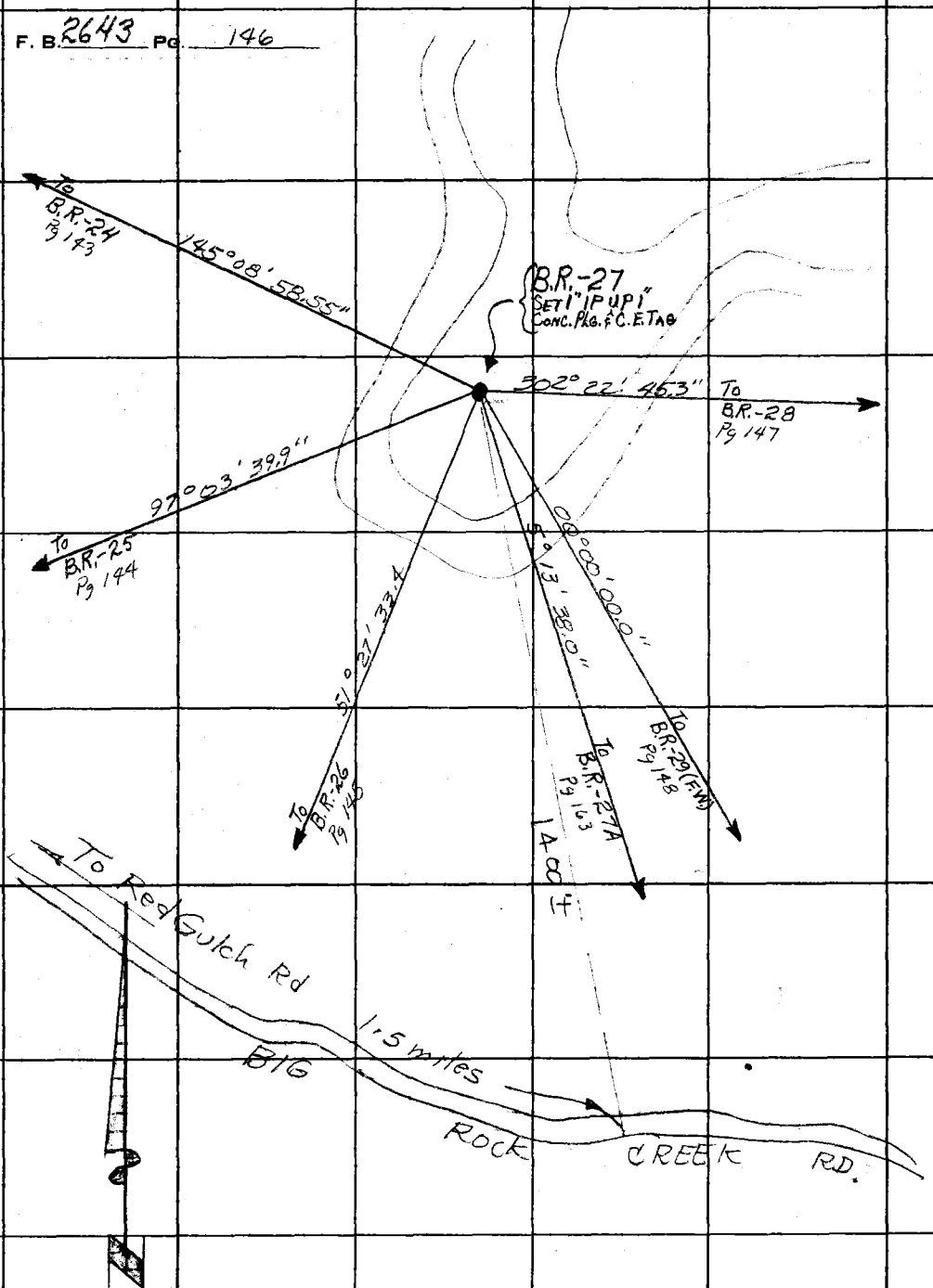
403 Los Angeles County Engineering Bldg.



76F309S CE#310 1-65

F. B. 2643 Pg. 146



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

Survey of Big Rock Creek
JN 0960.33 Tape 181 Std 84 °F
Surveyed by J.S. Coates
Notes JAA. Date 6-21-66
Indexed C. J. GALLI

F. B. 2643 Pg. 147

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B.R.-28
Set 1" I.P.U.P.
Conc. Plug & C.E. Tag
Rock Outcropping

223° 15' 30.6"
To B.R.-31 Pg 150

46° 31' 38.2"
To B.R.-27 Pg 146

3° 32' 19.35"
To B.R.-26 Pg 145

00° 00' 00.0"
To CLK-14 Pg 171

272° 36' 20.75"
274° 48' 29.85"
To B.R.-29A Pg 148
To B.R.-30(F.N.) Pg 149

315° 57' 18.55"
To B.R.-28(F.N.) Pg 168

307° 14' 37.6"
To MT.B C-3 Pg 169

1450'±

To Red Gulch Rd

1.75 miles

0.35 miles

BIG ROCK CREEK RD

Fenner Canyon Rd

N

76F309S CE#310 1-65

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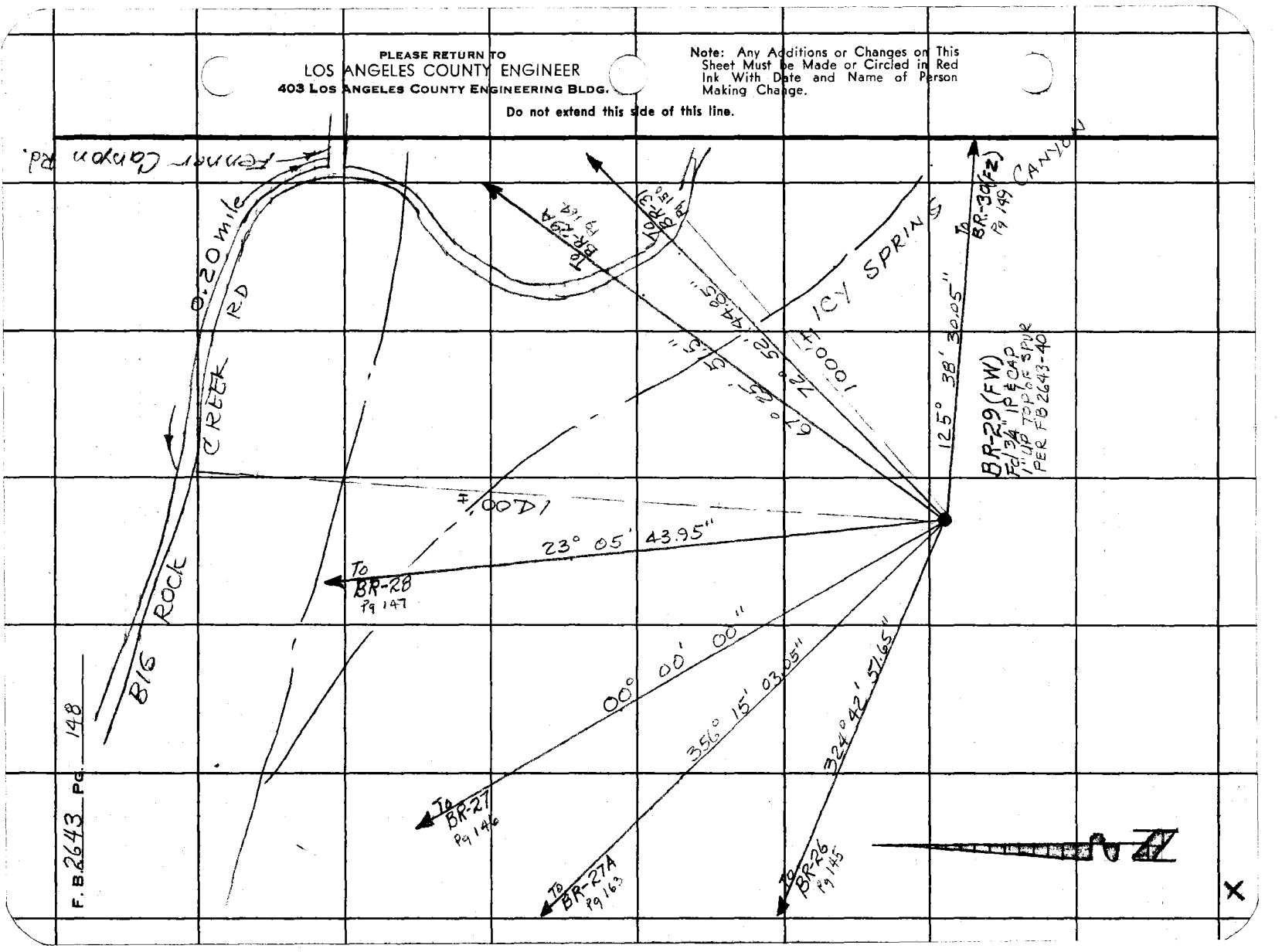

F.B. 2643 Pg. 148

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

Survey of Big Rock Creek
JN 0960.38 Tape 181 Std. 84 °F
Surveyed by J.S. COATES
Notes JAM. Date 6-21-66
Indexed C. J. GALLI

F. B. 2643 PG. 149

Noted on Geo. Index Card
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Plotted on W.S.P.
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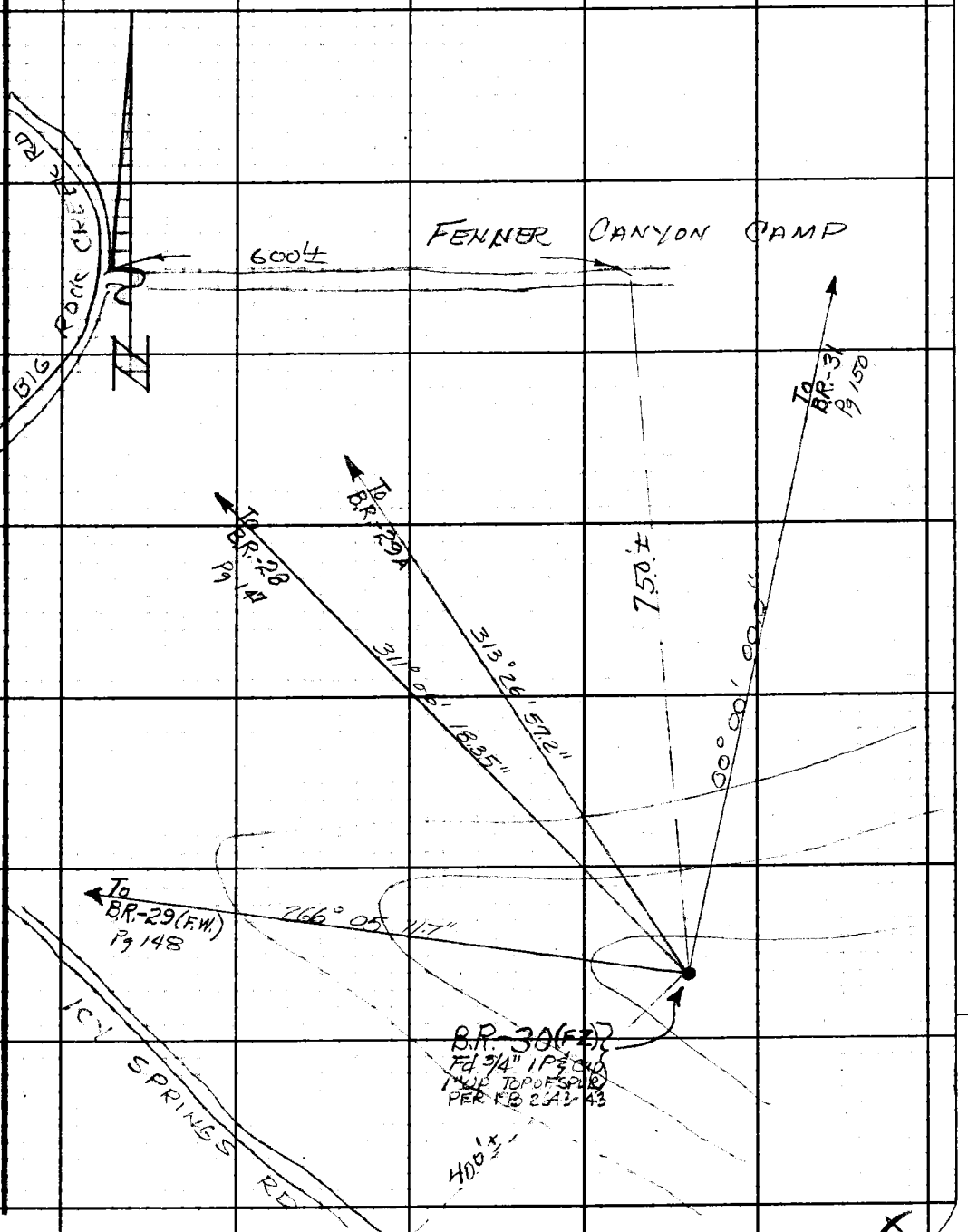
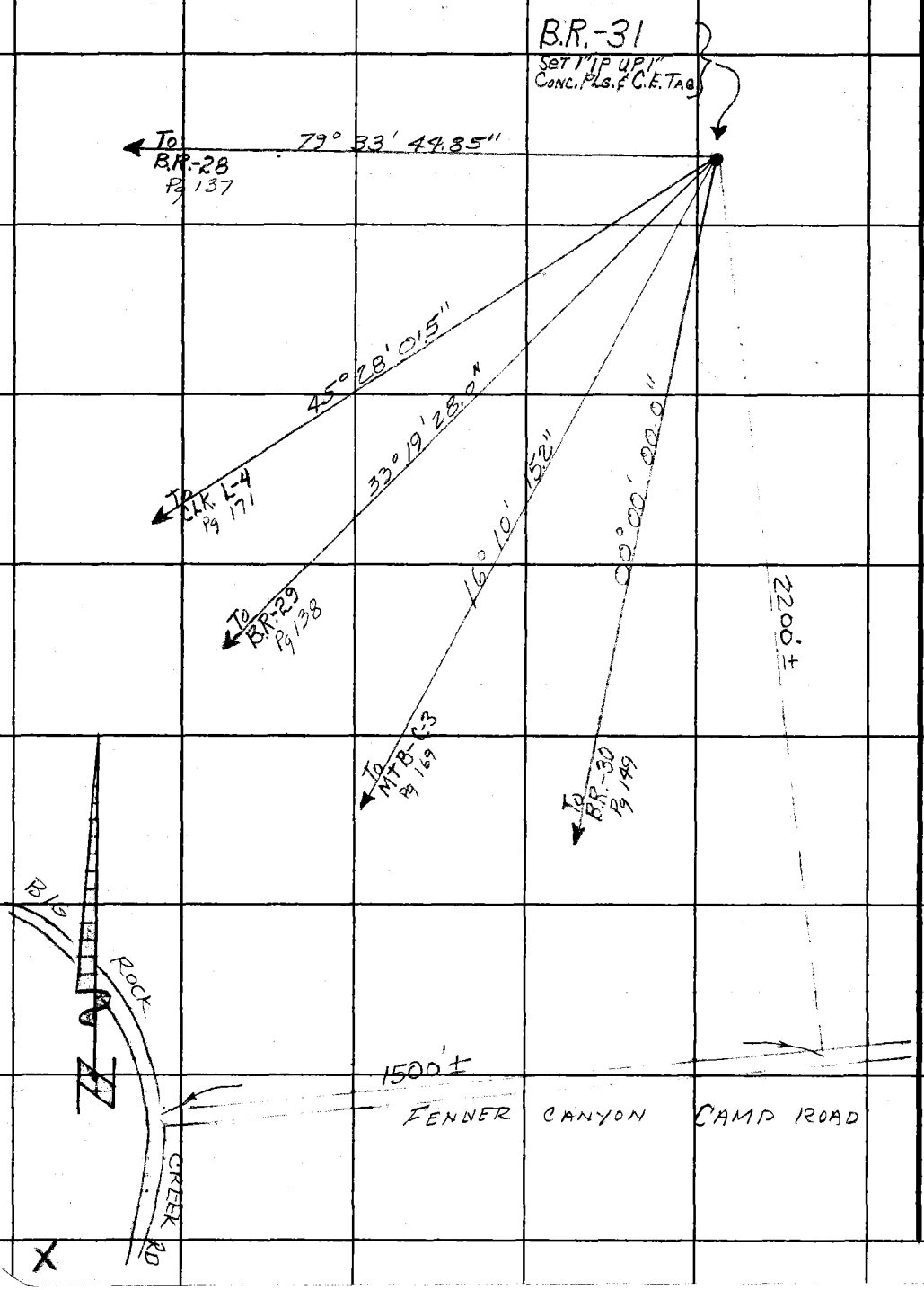


76F309S CE#310 1-65

F. B. 2643 Pg. 150



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Notes Ck'd by	Survey of Big Rock Creek	F. B. 2643 PG. 151
Map No.	JN 096033 Tape 181 Std 84 °F	
Office Work	Surveyed by J.S. COATES	
Checked	Notes J.A.A. Date 6-21-66	
Date	Indexed C. J. GALLI	

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Placed on S.S. Geo. Site
Placed on Geo. Dev. W.S. No.
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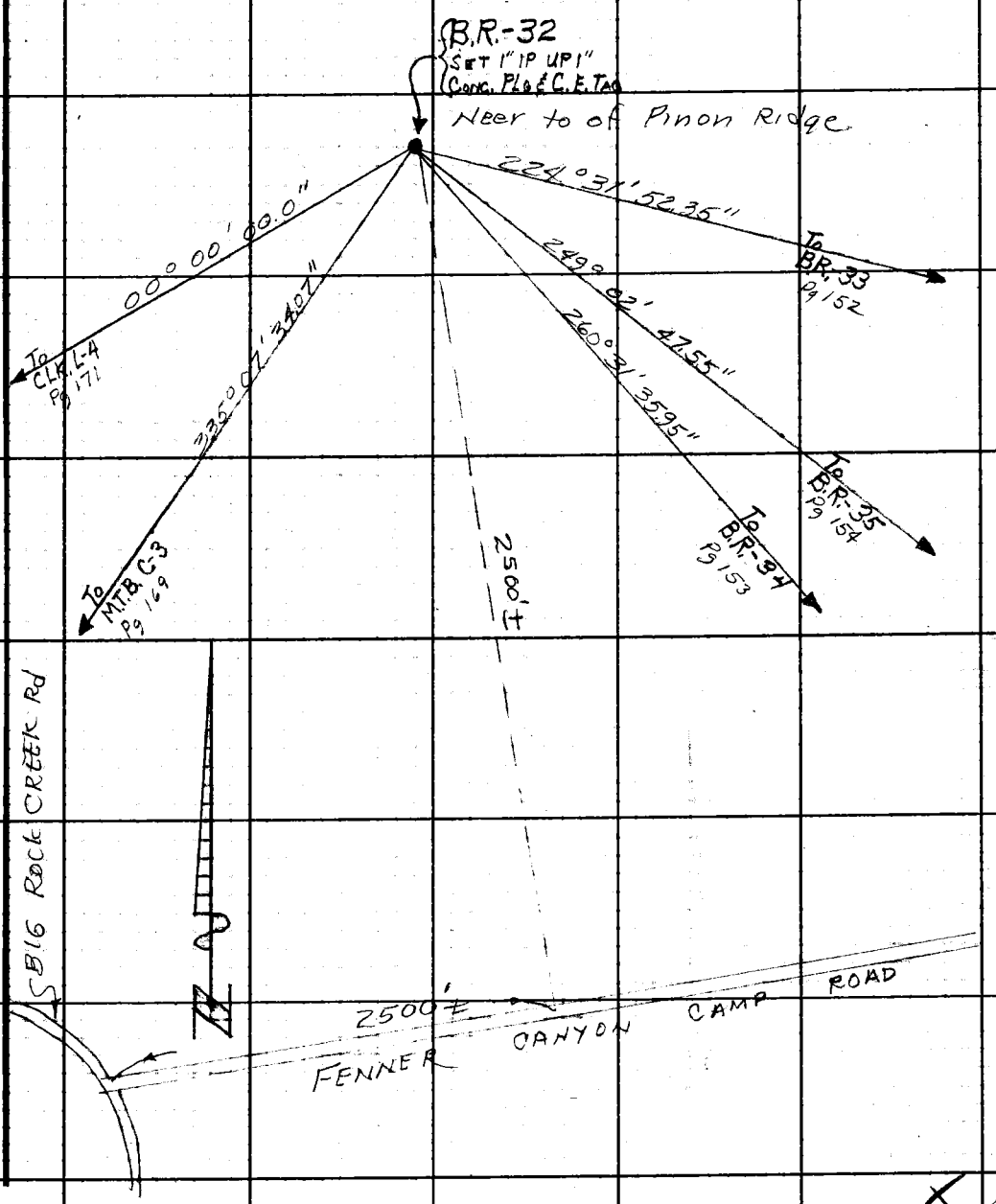
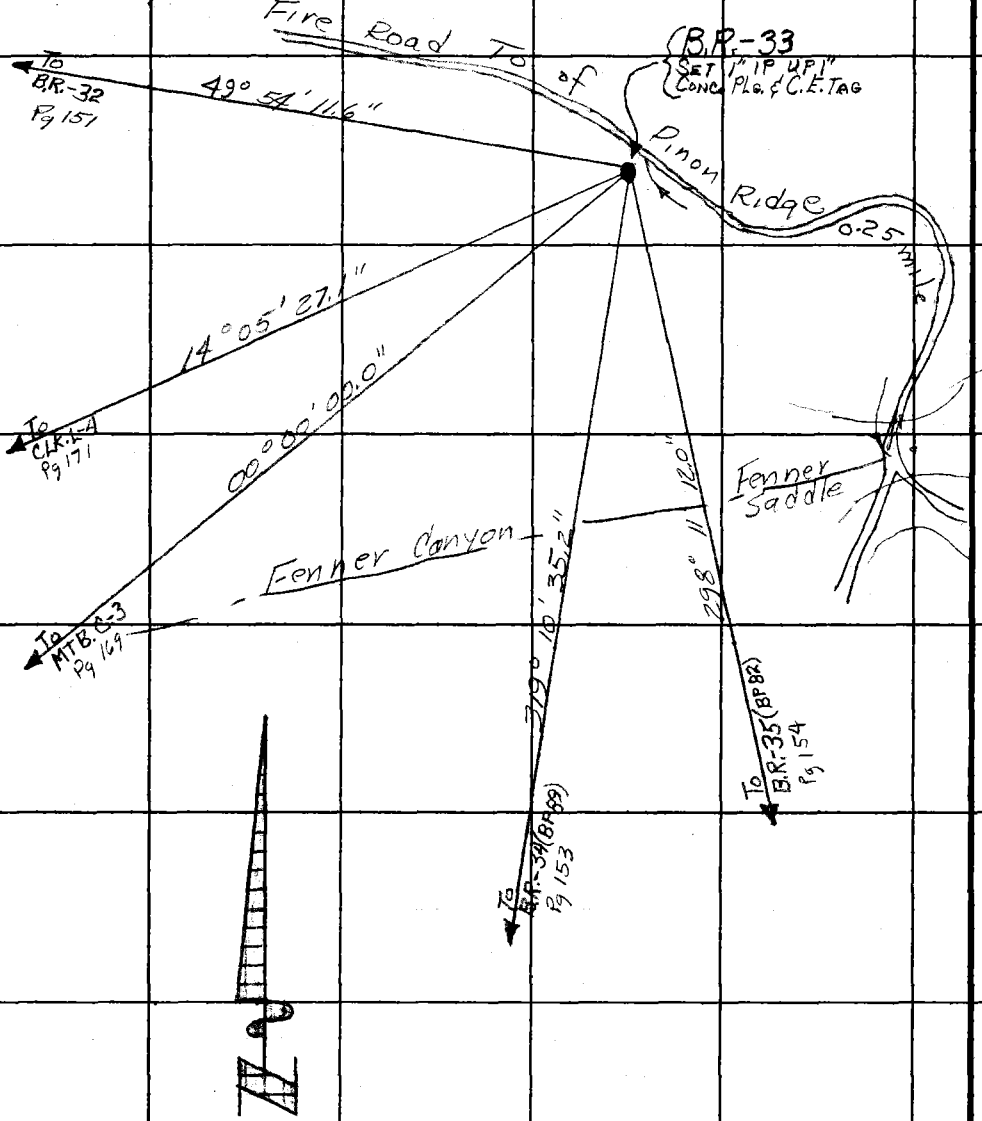


76F309S CE#310 1-65

F. B. 2643 Pg. 152



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

Survey of BIG ROCK CREEK
JN 0960.33 Tape 181 Std. 84 °F
Surveyed by J.S. COATES
Notes J.A.F. Date 6-21-66
Indexed C. J. GALLI

F. B. 2643 PG. 153

Fenner Saddle

To BR-33 Pg 152

To BR-32 Pg 151

63° 41' 16.65"

116° 57' 58.65"

0.80 miles

To BR-35 (BP82) Pg 154

168° 05' 20.1"

FIRE TRUCK

300'±

00° 00' 00.0"

B.R.-34 (BP-89)
Fd 3/4" IP conc plg.
Tgd ± CAP FLUSH
Per FB 1982-31

To C.L.K.L-4 Pg 171

To Vincent Gap

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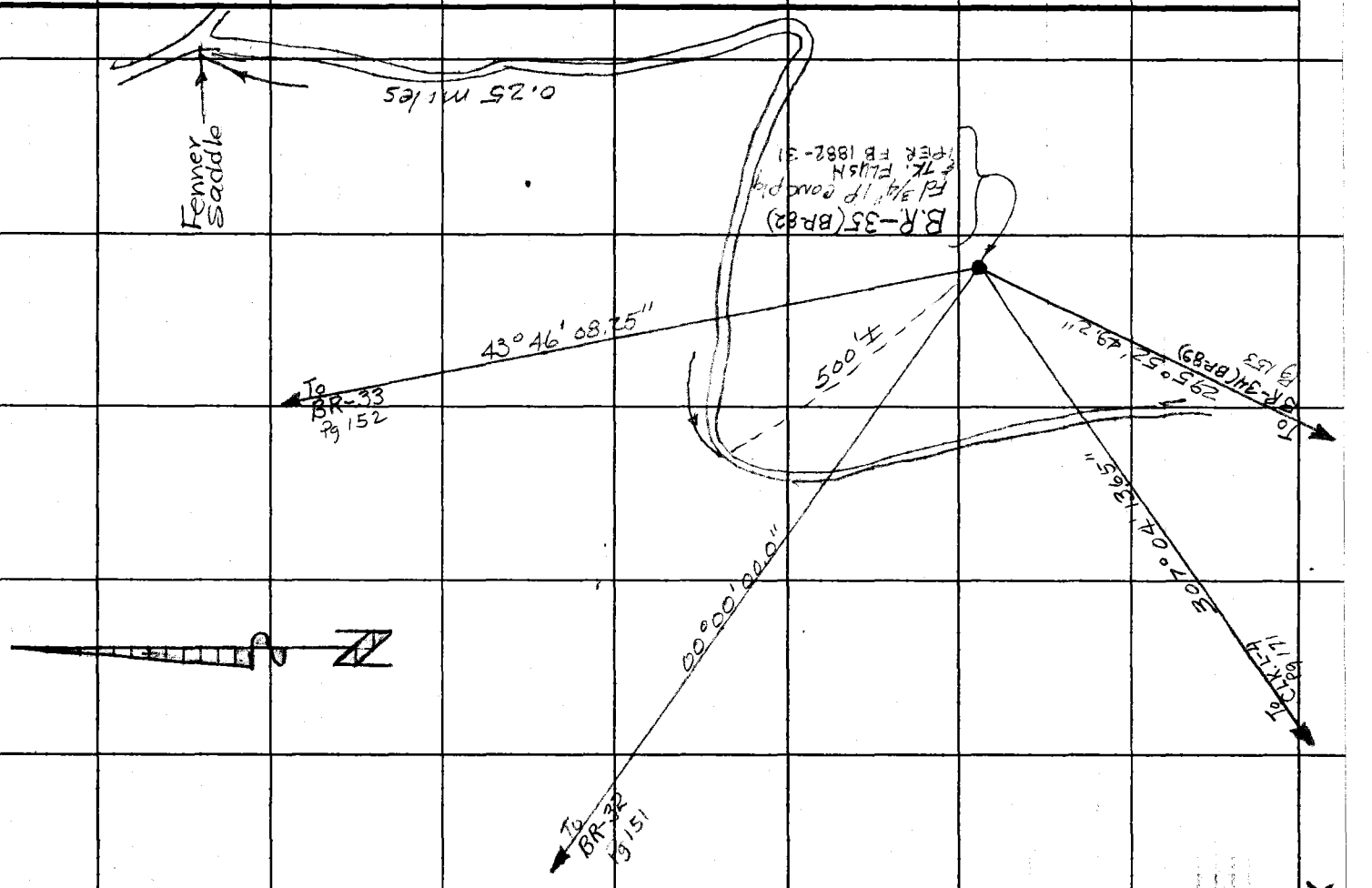

F. B. 2643 Pg. 154

Notes Ck'd by	Survey of Big Rock Creek	F. B. 2643 Pg. 155
Map No.	JN 0960.33 Tape 181 Std 84 °F	
Office Work	Surveyed by J.S. Coates	
Checked	Notes JAA Date 6-21-66	
Date	Indexed C. J. GALLI	

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Placed on U.S. Quad. Shts.
Placed on Sec. Div. W.S. No.
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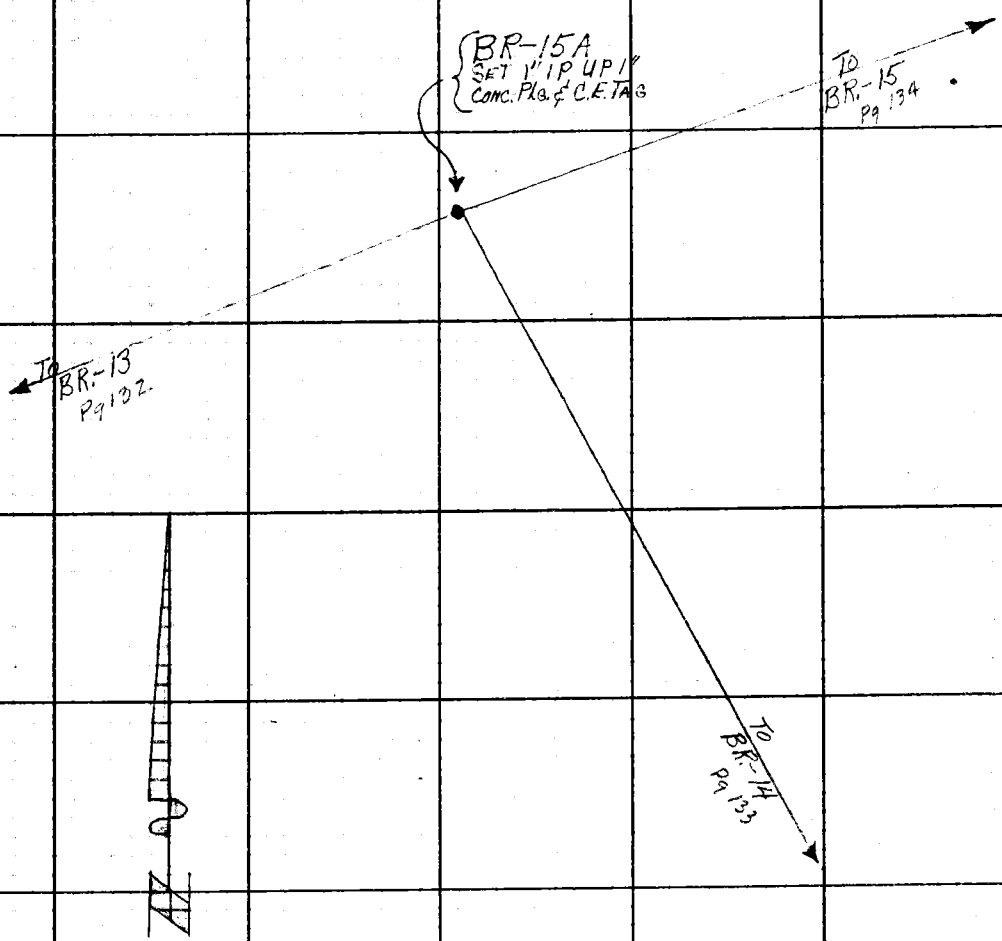

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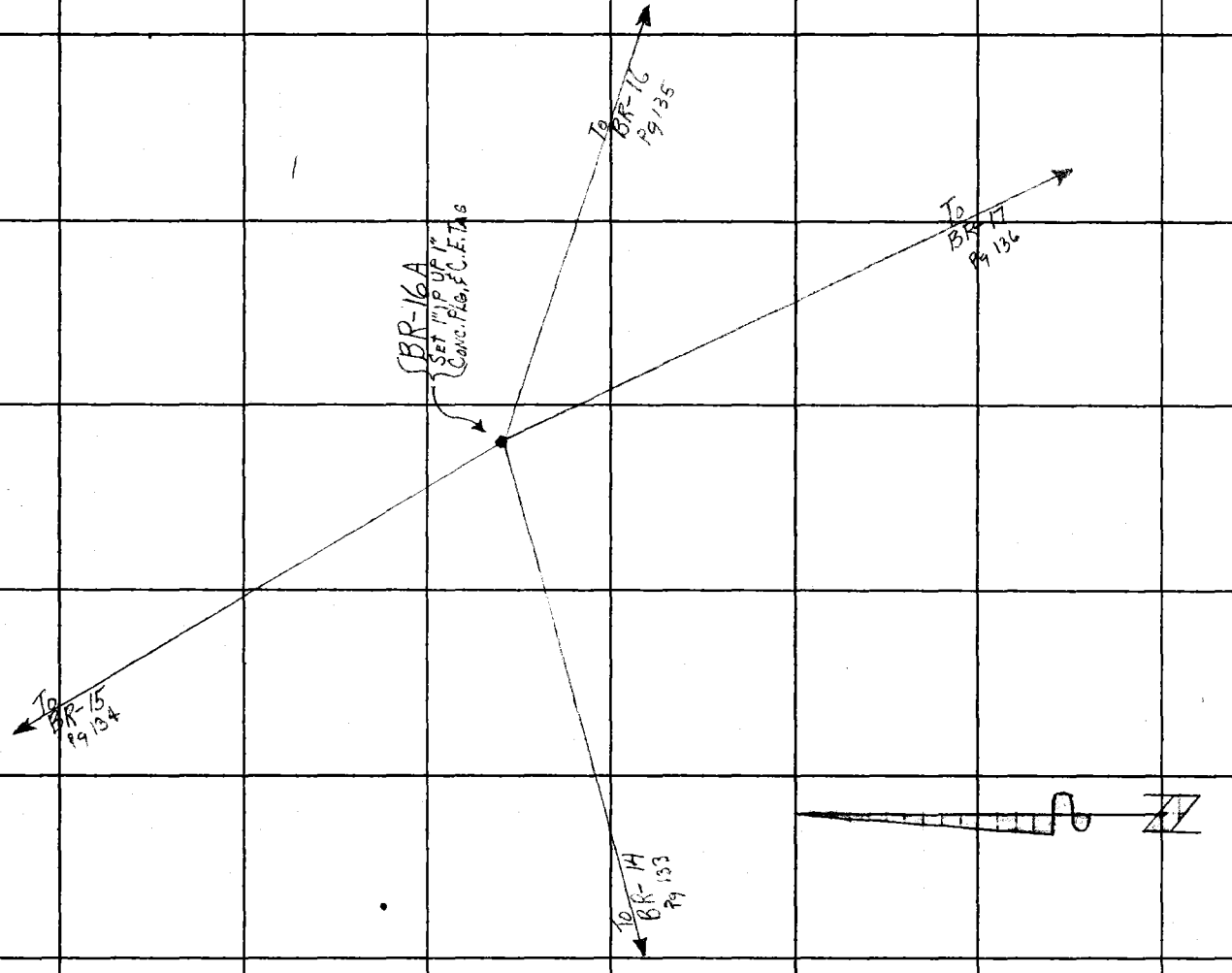
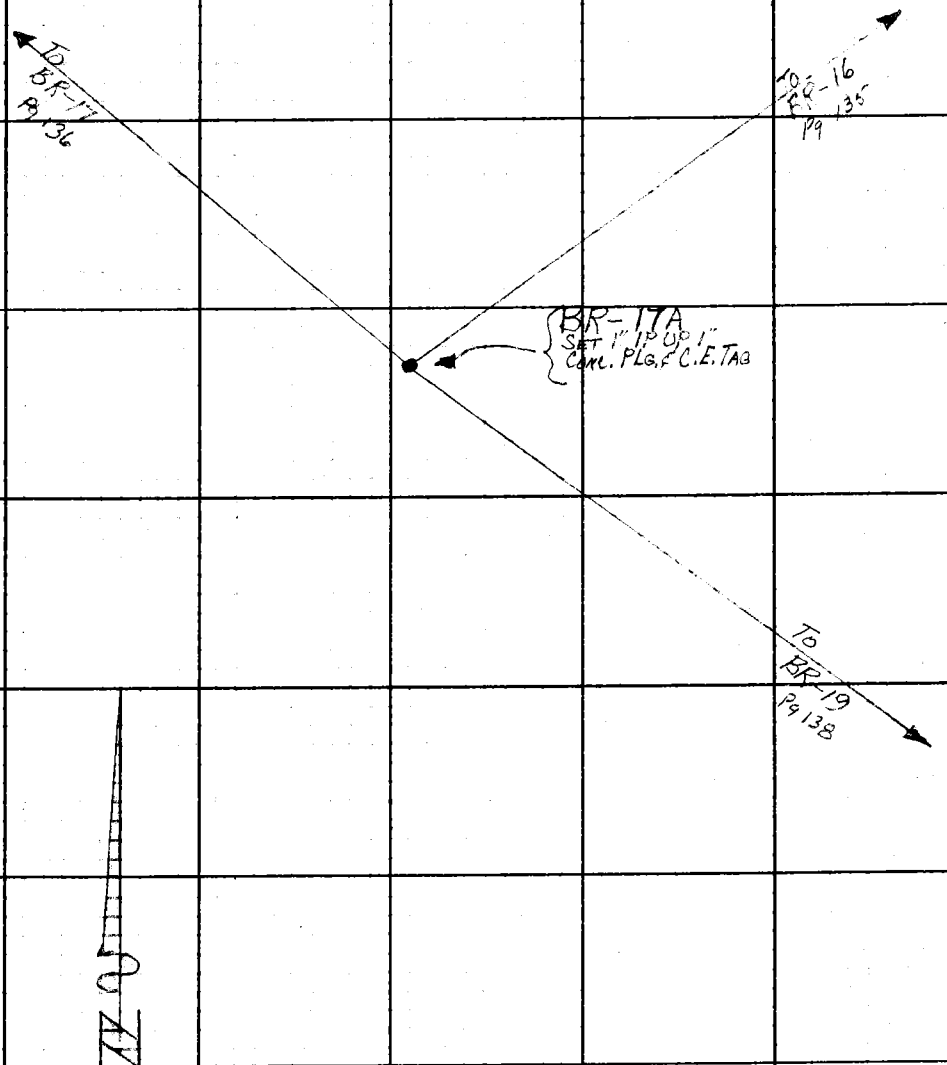


F. B. 2643 Pg. 156

Notes Ck'd by	Survey of Big Rock Creek	F. B. 2643 PG. 157
Map No.	JN 096033 Tape Std °F	
Office Work	Surveyed by J.S. Coates	
Checked	Notes J.A.A. Date 6/21/66	
Date	Indexed C. J. GALLI	



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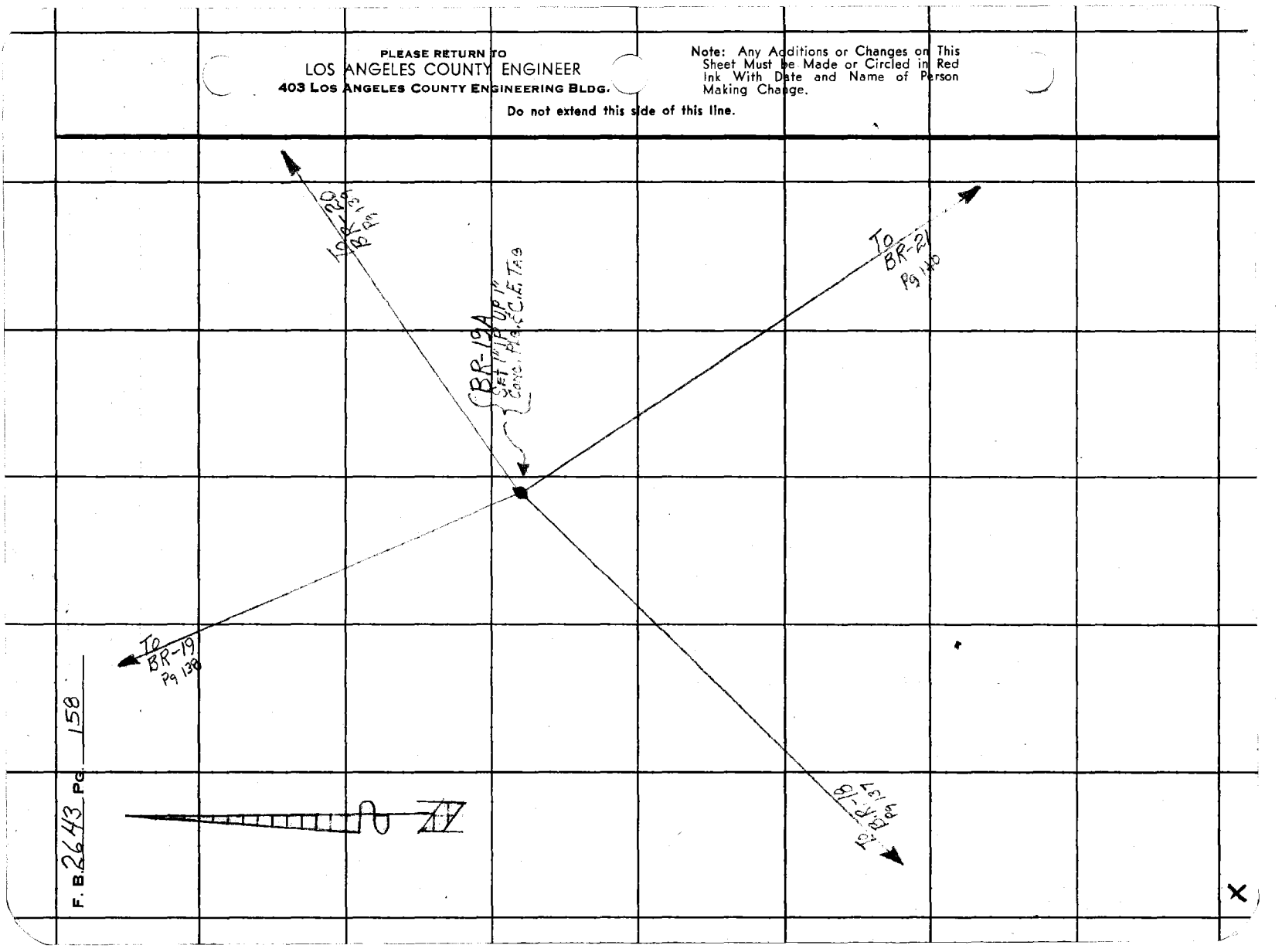

F. B. 2643 Pg. 158

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

Survey of BIG ROCK CREEK RD
JN 096033 Tape 181 Std 84 °F
Surveyed by JSC
Notes HCH Date 6-21-66
Indexed C. J. GALLI

F. B. 2643 Pg. 159

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TO BR-20 Pg 139

TO BR-16 Pg 137

TO BR-21 Pg 140

BR-21A
1/4 COR Sec 27 T34
T4 N R9 W
Fd CS MON UP 4"
STAMPED AS SHOWN
PER FB 143-3
CSB 101
CSB 1802-1

T4N
27
34
R9W
COUNTY SURVEYOR'S
1/4 SEC COR
1927
MONUMENT

26F309S CE#310 1-65

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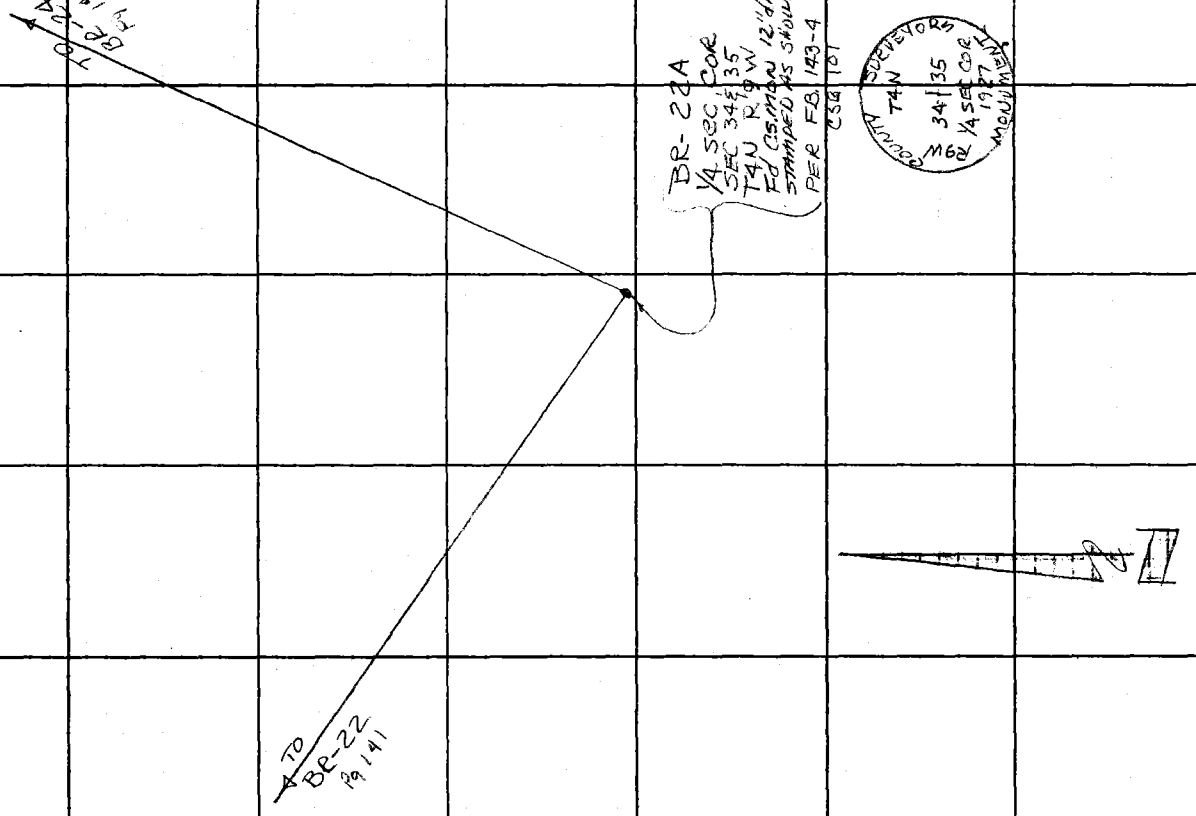

F. B. 2643 PG. 160

Notes Ck'd by	Survey of BIGROCK CREEK RD	F. B. 2643 PG. 161
Map No.	JN 0960.33 Tape 181 Std 84 °F	
Office Work	Surveyed by J.S. COATES	
Checked	Notes HCH Date 6-21-66	
Date	Indexed C. J. GALLI	

Noted on Geo. Index Card
Plat U.S.G.S. Quad Sec.
Plac on Sur. Div. W.S. No.
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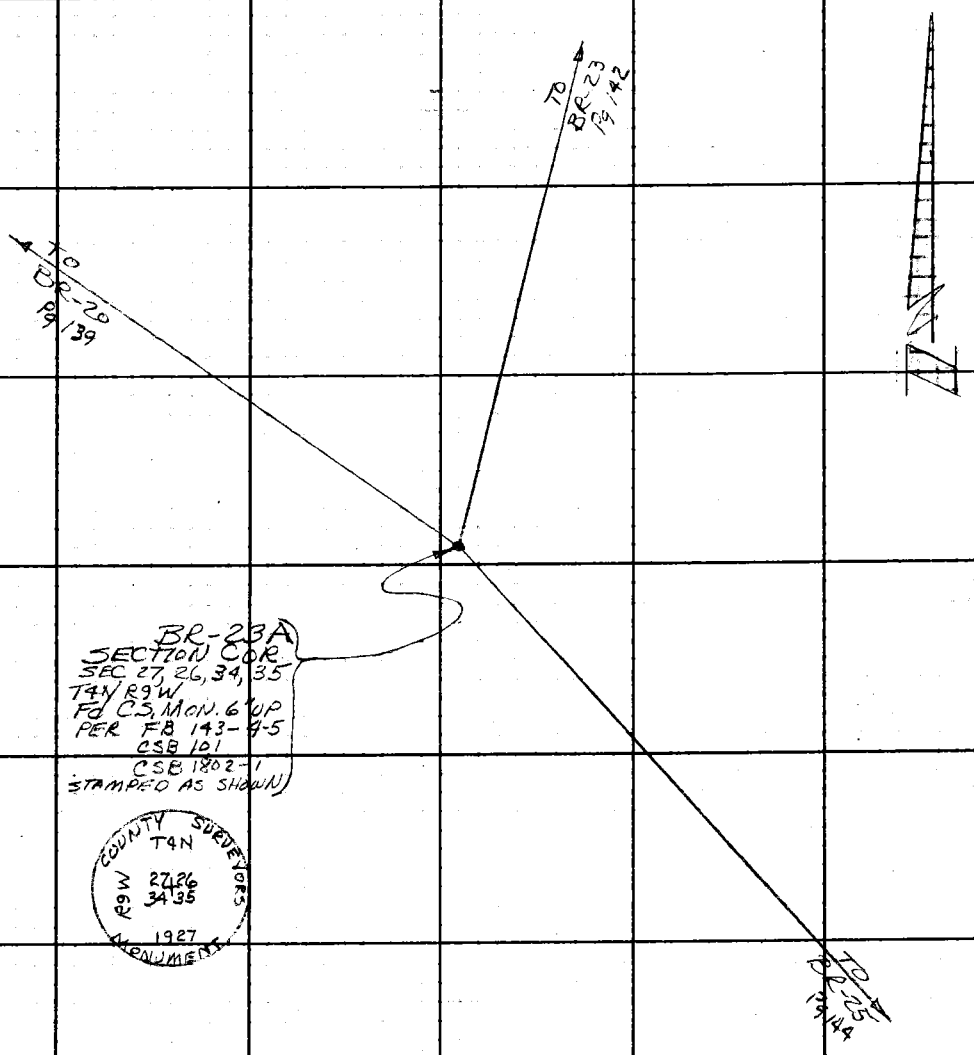

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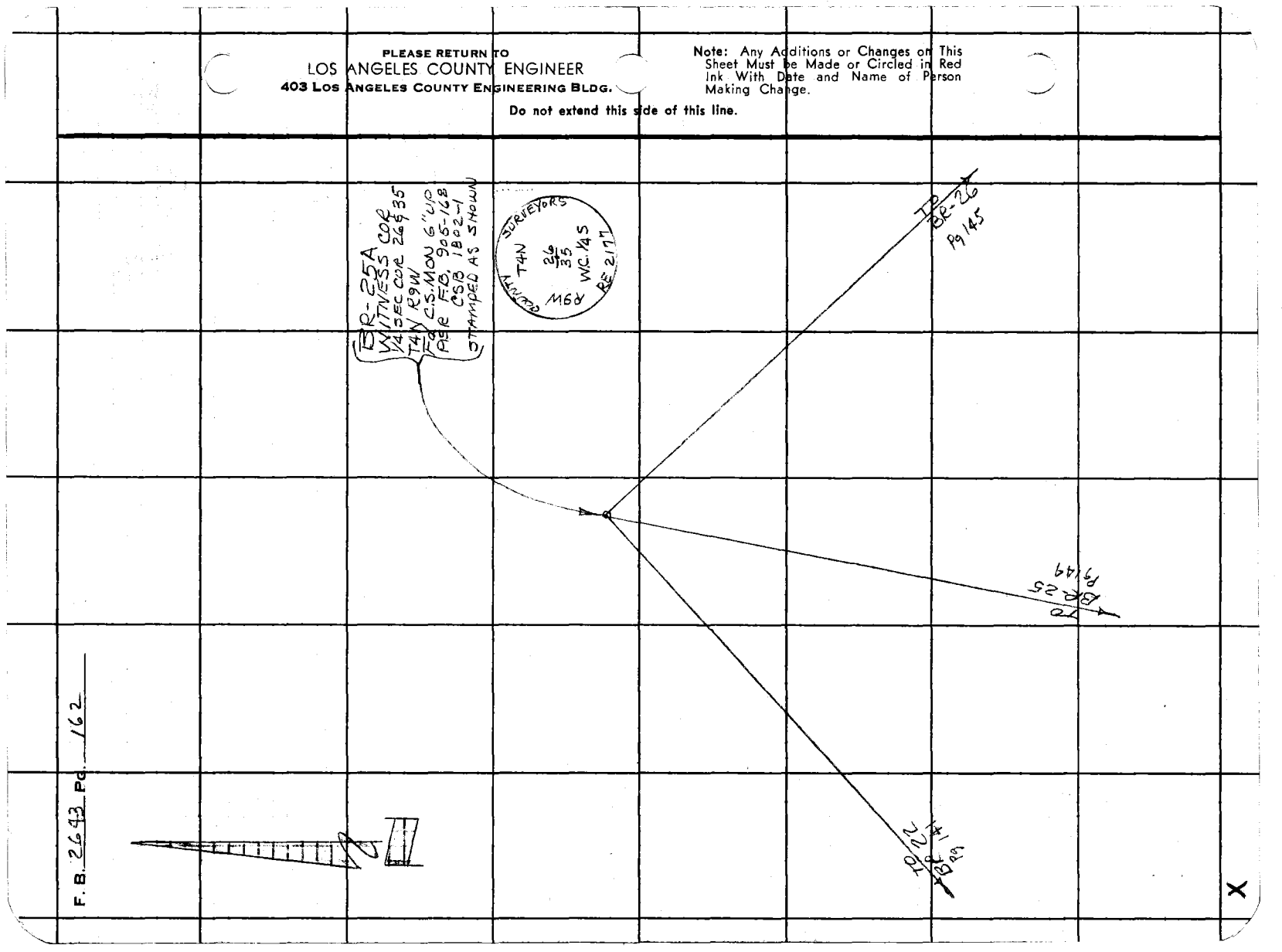
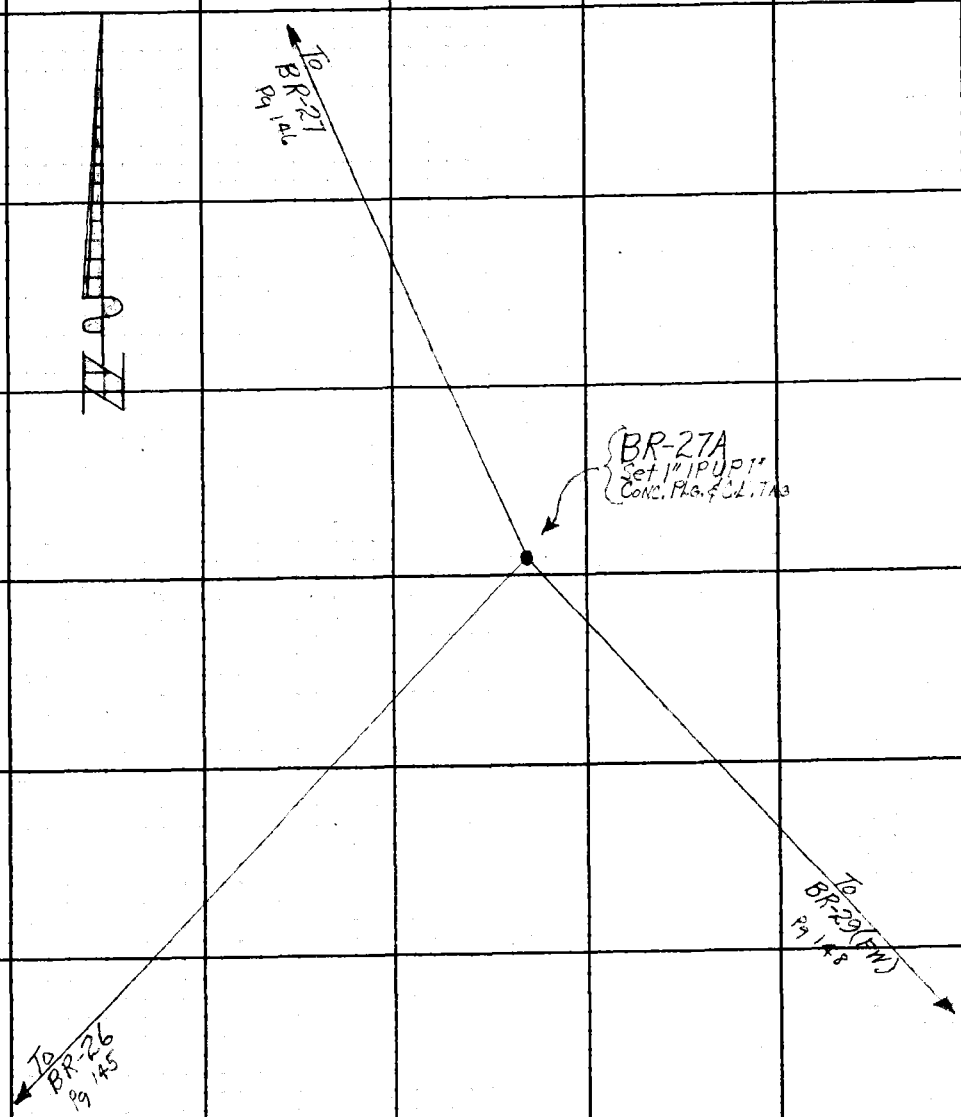


F. B. 2643 PG. 162

Notes Ck'd by	Survey of Big Rock Creek	F. B. 2643 PG. 163
Map No.	JN 0960.33 Tape Std °F	
Office Work	Surveyed by J.S. Coates	
Checked	Notes JAA Date 6/21/66	
Date	Indexed C. J. GALLI	



Noted on Geo. Index Card
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Place Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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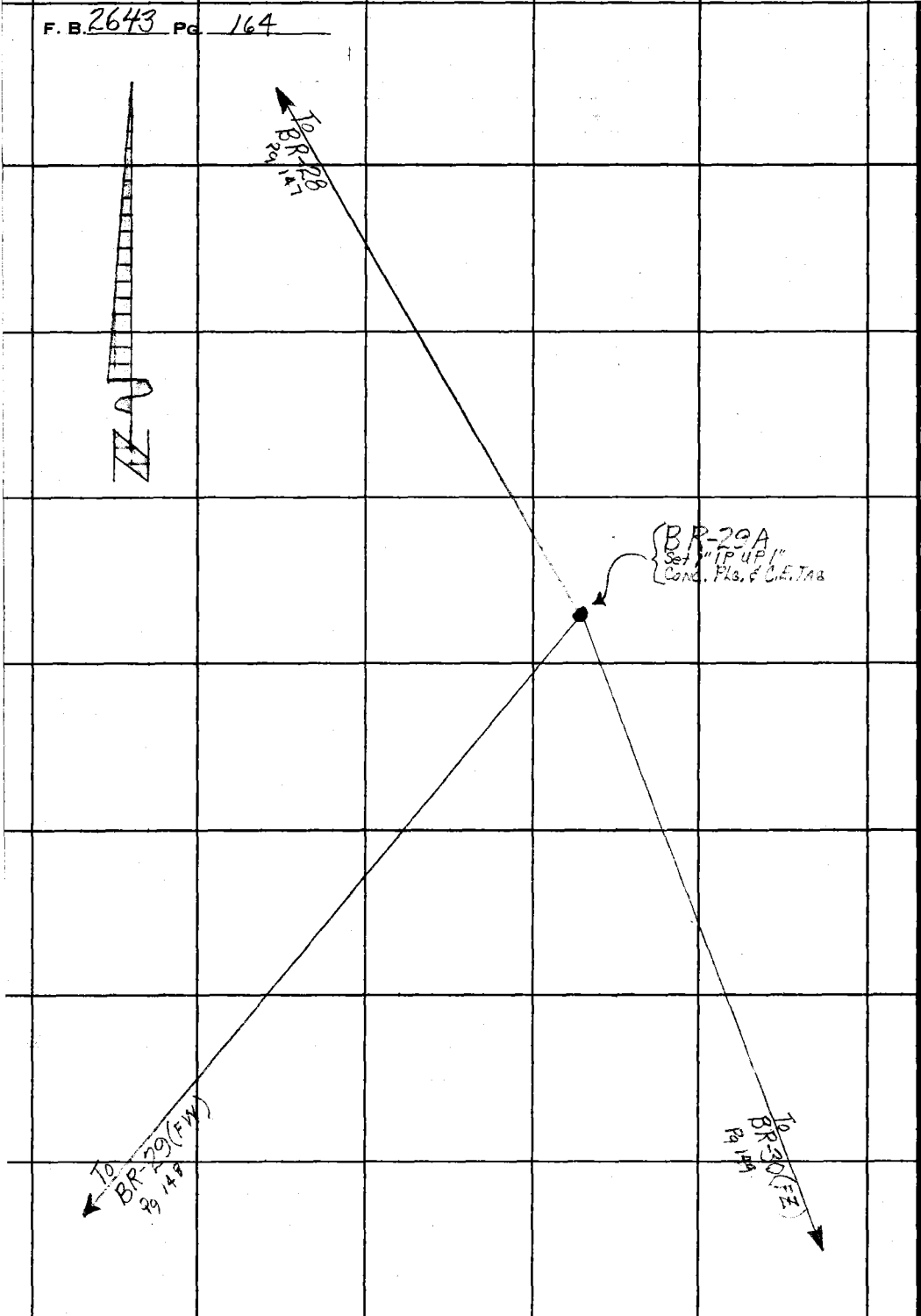
76F309S CE#310 1-65

F. B. 2643 Pg. 164



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Notes Ck'd by
Map No.
Office Work
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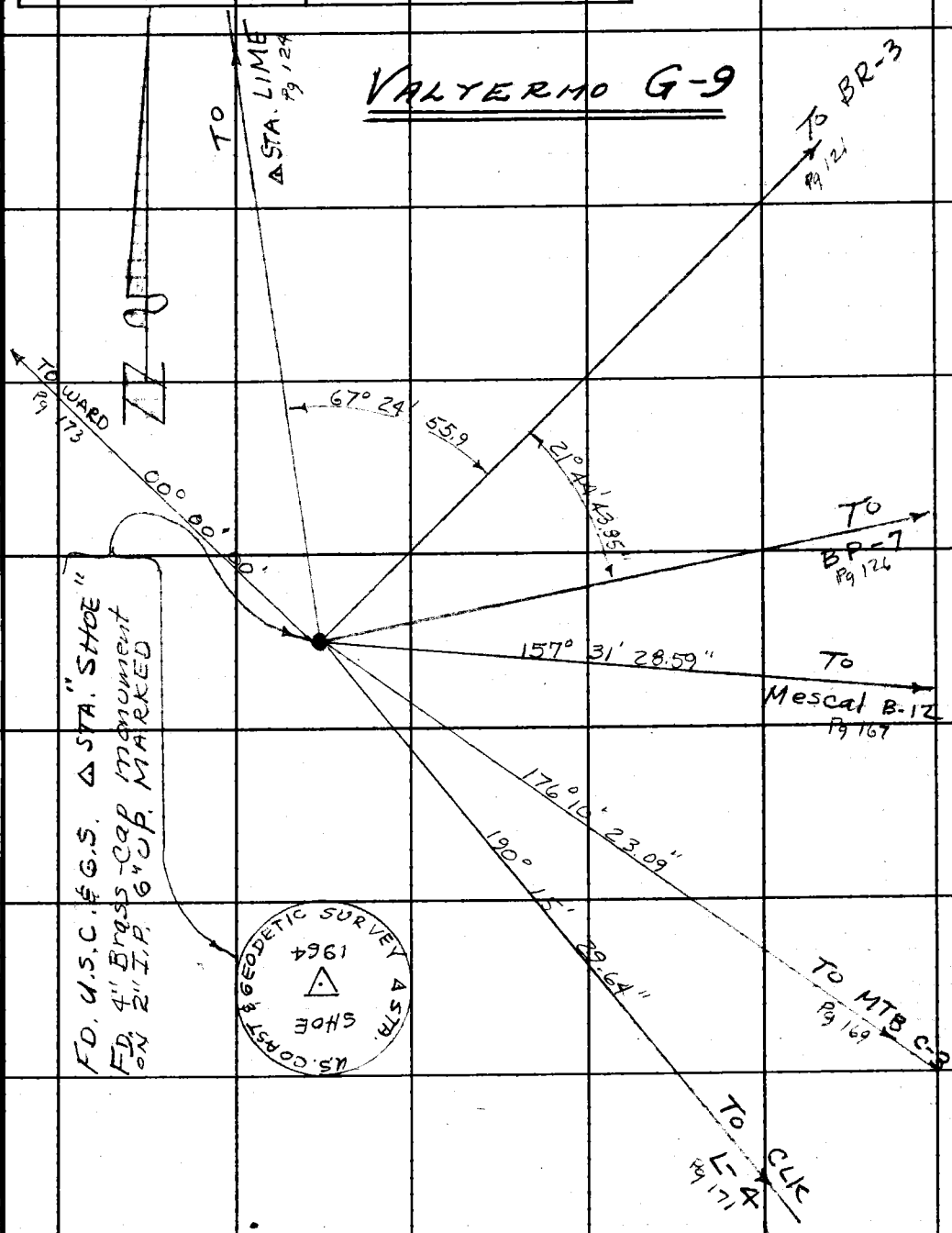
Date

Survey of BIG Rock CREEK
JN 0960.33 Tape Std °F
Surveyed by JS COATES
Notes JSC Date 6/8/66
Indexed C. J. GALLI

F. B. 2643 PG. 165

VALYERMO G-9



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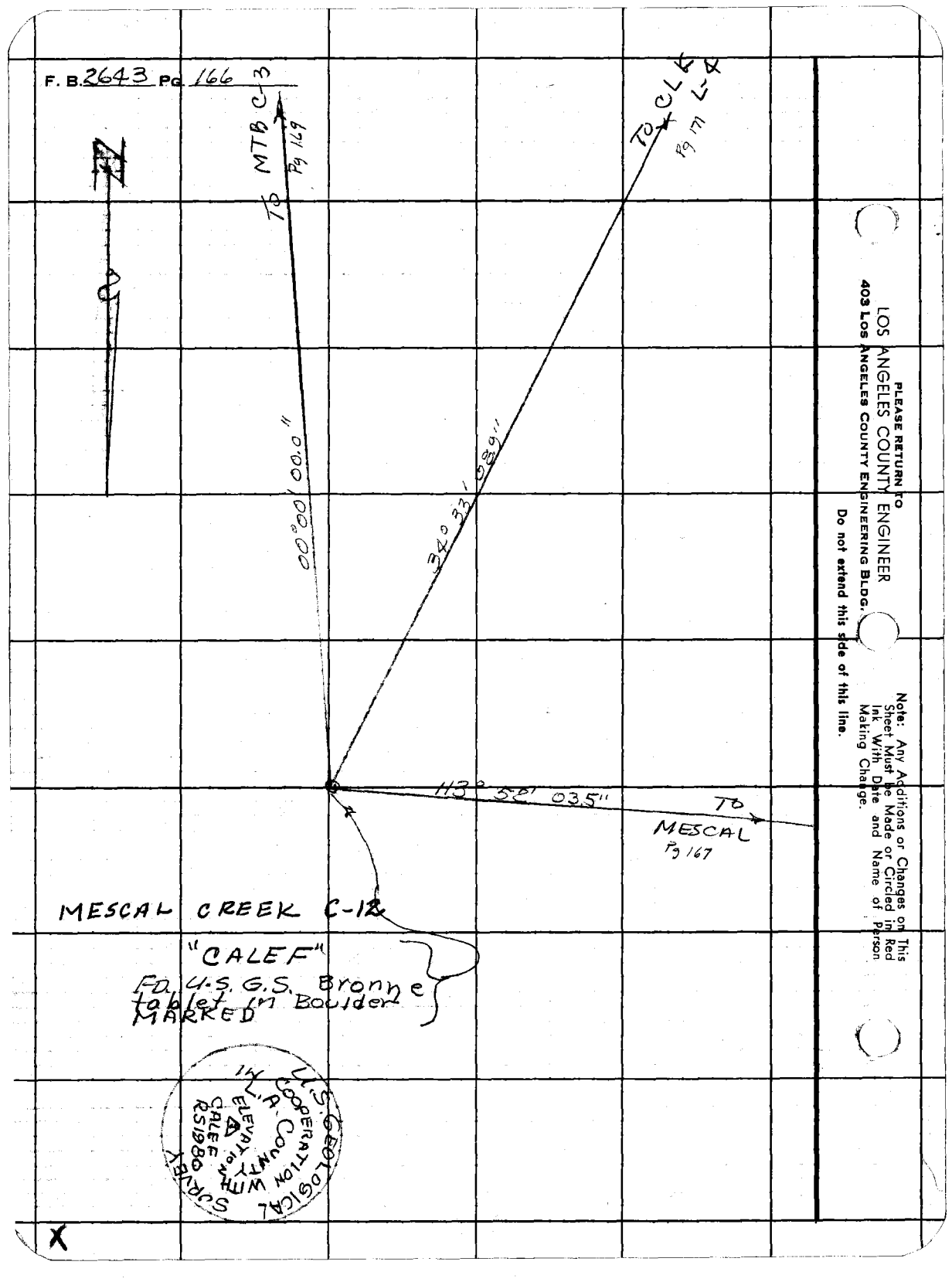
76F309S CE#310 1-65

F. B. 2643 Pg. 166



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X

Notes Ck'd by	Survey of Big Rock Creek	F. B. 2643 PG. 167
Map No.	JN 0960.33 Tape Std °F	
Office Work	Surveyed by JS COATES	
Checked	Notes JSC Date 6/6/66	
Date	Indexed C. J. GALLI	

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Pla[illegible] U.S.G.S. Quad. Shts.
Pla[illegible] Sur. Div. W.S. Co.
Sketch on Gen. Desc. Card

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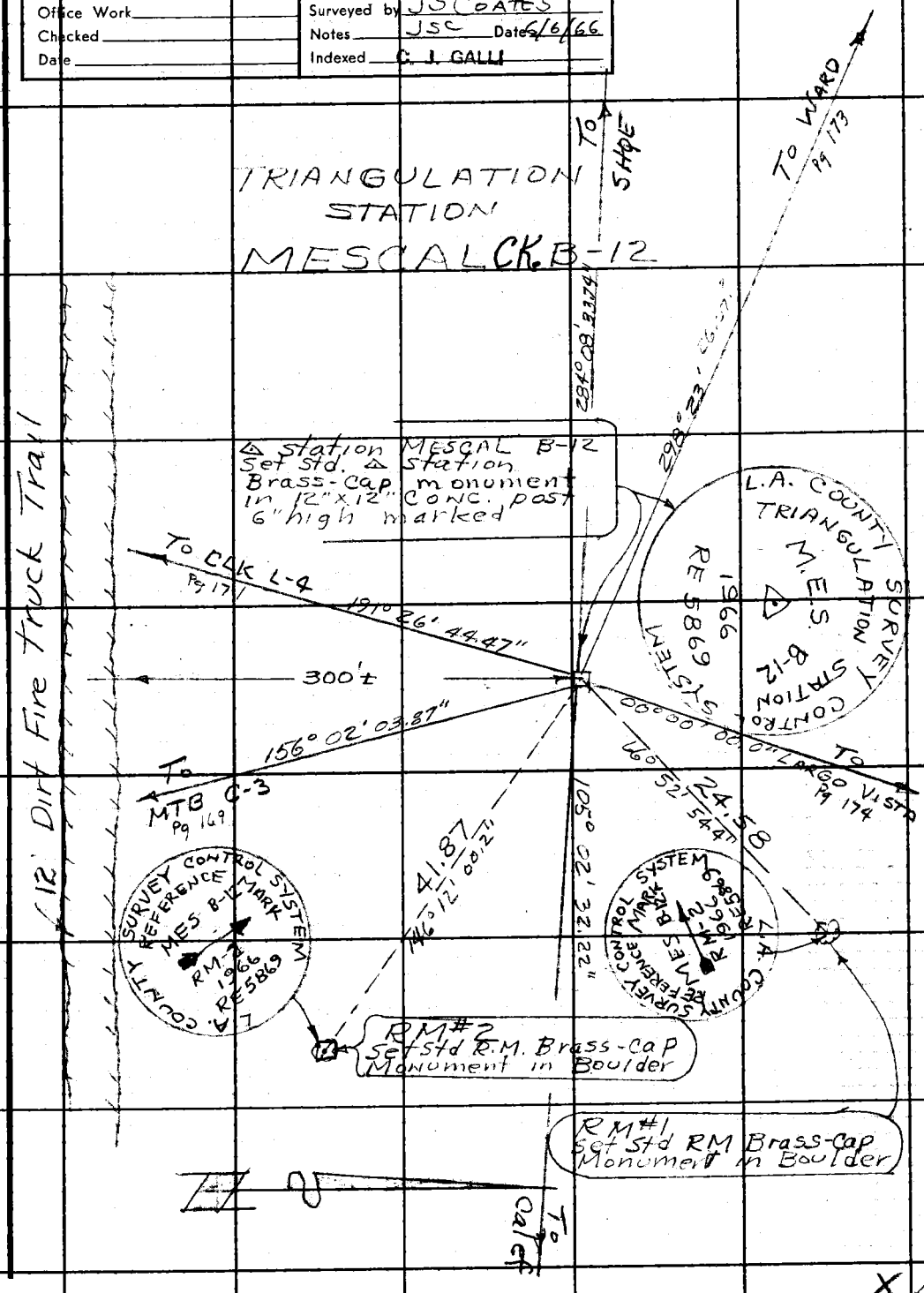

76F309S CE#310 1-65

F. B. 2643 Pg. 168

To Locate Station proceed from Valyermo Post office 10 miles easterly on Valyermo and Big Pines Highway passing MILE HIGH CAFE To inverted Wye intersection in the YMCA Camp area. Take dirt road going w'ly 2.5 miles to Fenner Saddle, bear right onto Pinon Ridge for 2.5 miles. This is 0.5 miles past U.S.G.S Station "Calef". Station is 100 yards north on spur to main ridge.

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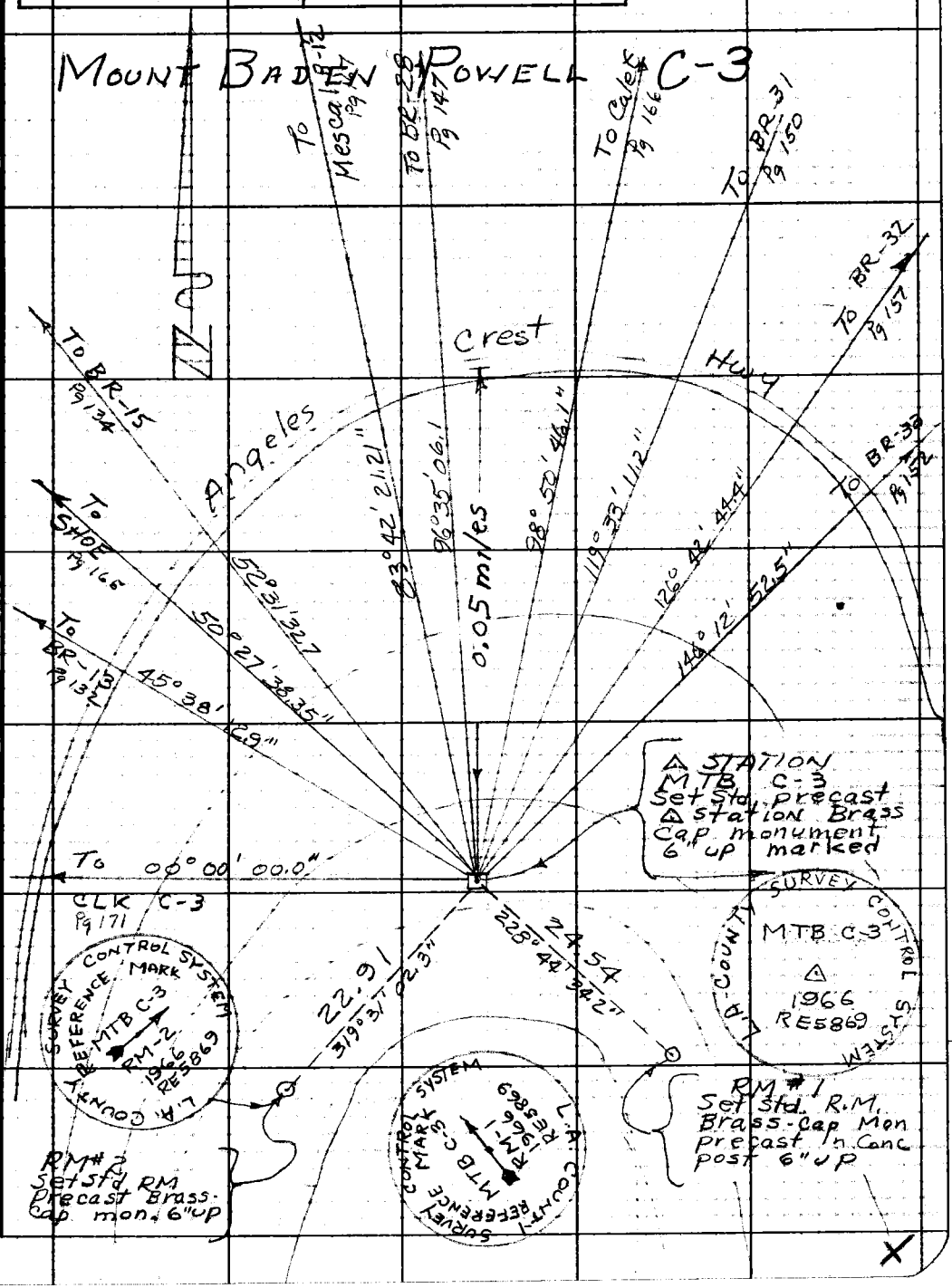
X

Notes Ck'd by	Survey of Big Rock Creek	F. B. 2643 PG. 169
Map No.	JN 0960 33 Tape Std °F	
Office Work	Surveyed by JS COATES	
Checked	Notes JSC Date 6/6/66	
Date	Indexed C. J. GALLI	



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Placed on Gen. Div. W.S. No.
Sketch on Gen. Desc. Card

76F309S CE#310 1-65

F. B. 2643 Pg. 170

Mt. Baden-Powell C-3

To Locate Station proceed 7.6 miles Westerly from BIG PINES LODGE At the intersection of Big Pines Hwy on Angeles Crest Hwy. (State #2) to turnout on Road at culvert #D417+09. Hike from here up draw to top of ridge then north along ridge 10 minutes to Station. Station is 250'± South of Hwy on north Slope of ridge

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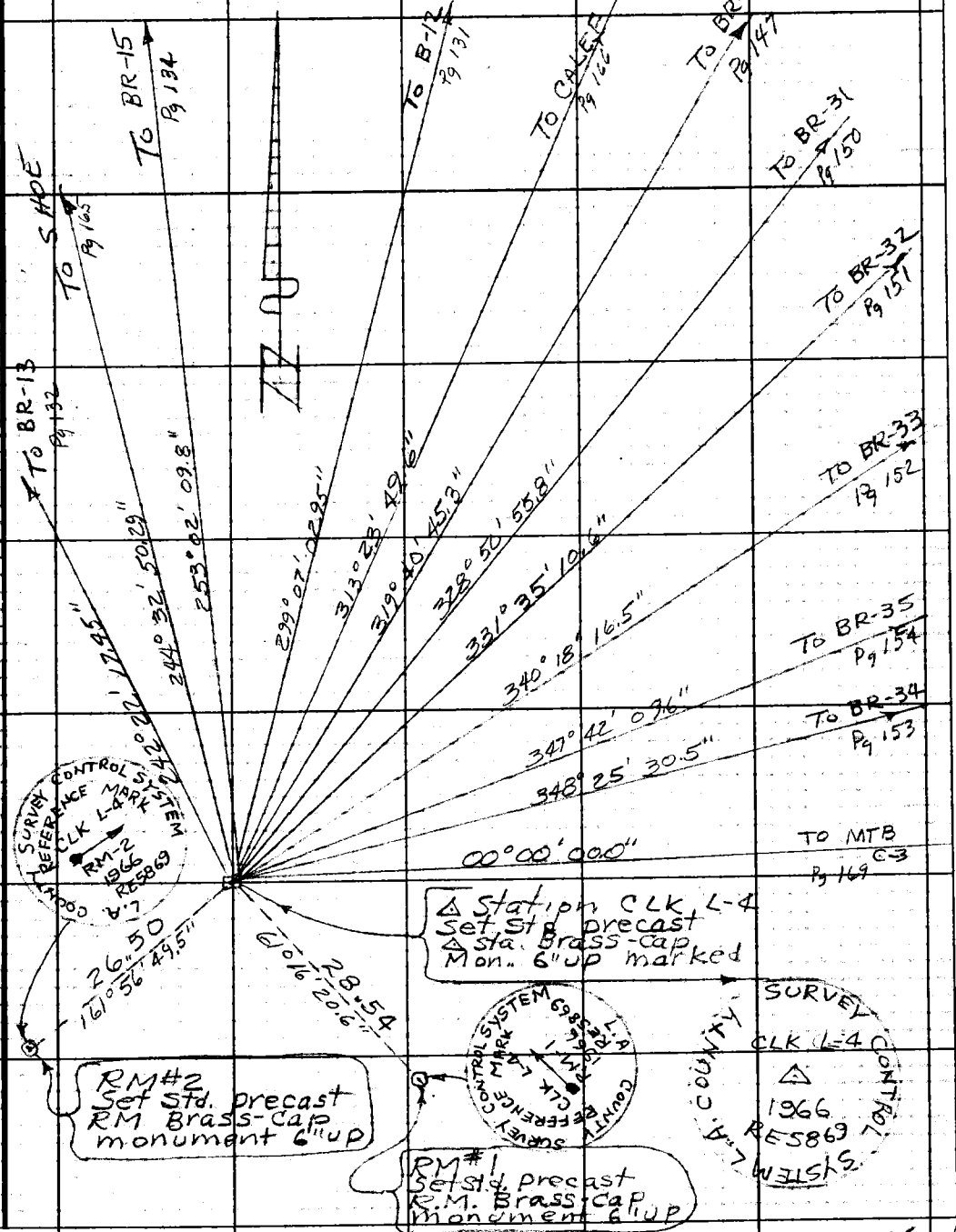
Notes Ck'd by	Survey of BIG ROCK CREEK
Map No.	JN 0960.33 Tape Std °F
Office Work	Surveyed by J S COATES
Checked	Notes J S C Date 6/8/66
Date	Indexed C. J. GALLI

F. B. 2643 PG. 171



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Placed on S.S. Quad. Sht.
Placed on Sec. Bk. N.S. Bk.
Sketch on Sec. Desc. Card

76F309S CE#310 1-65

X

F. B. 2643 Pg. 172

CRYSTAL LAKE L-4

To Locate station proceed 10.5 miles westerly from BIG PINES LODGE at the intersection of BIG PINES Hwy on ANGELES CREST Hwy (State #2) to turnout on Road of State Hwy maintence Building at DAWSON SADDLE. Hike up trail beginning at west side of building to top of Mt. Lowis and north along top to station for total of 30 minutes.

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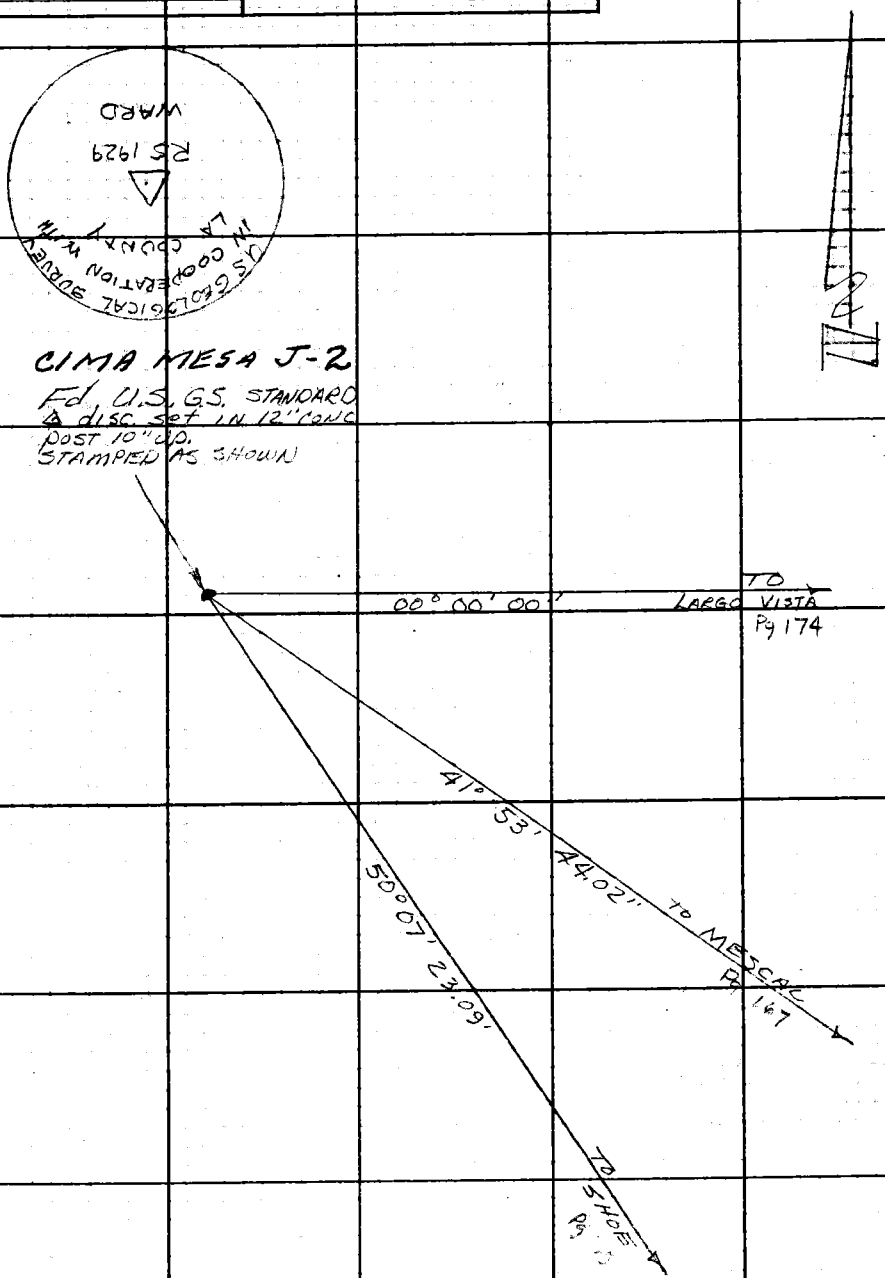
X

Notes Ck'd by	Survey of BIG ROCK CR. Rd	F.B. 2643 Pg. 173.8.3
Map No.	JN 096033 Tape 181 Std 84 °F	
Office Work	Surveyed by JSC	
Checked	Notes HCH Date 6-21-66	
Date	Indexed C. J. GALLI	



Noted on Geo. Index Map
Plan
Plan
Sketch on Geo. Desc. Card

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76F309S CE#310 1-65

F. B. 2643 Pg. 174

U.S. GEOLOGICAL SURVEY IN COOPERATION WITH L.A. COUNTY

R.S. 1929

LARGO VISTA

MESCAL CREEK D-1

Fd STANDARD U.S.G.S. △ BRASS DISC SET INTO THE TOP OF 12" CONC POST 10" INCH LIP. STAMPED AS SHOWN.

TO WARD Pg 173 76° 29' 38.03"

31° 22' 18.66"

TO STADE Pg 165

00° 00' 80"

TO MESCAL Pg 177

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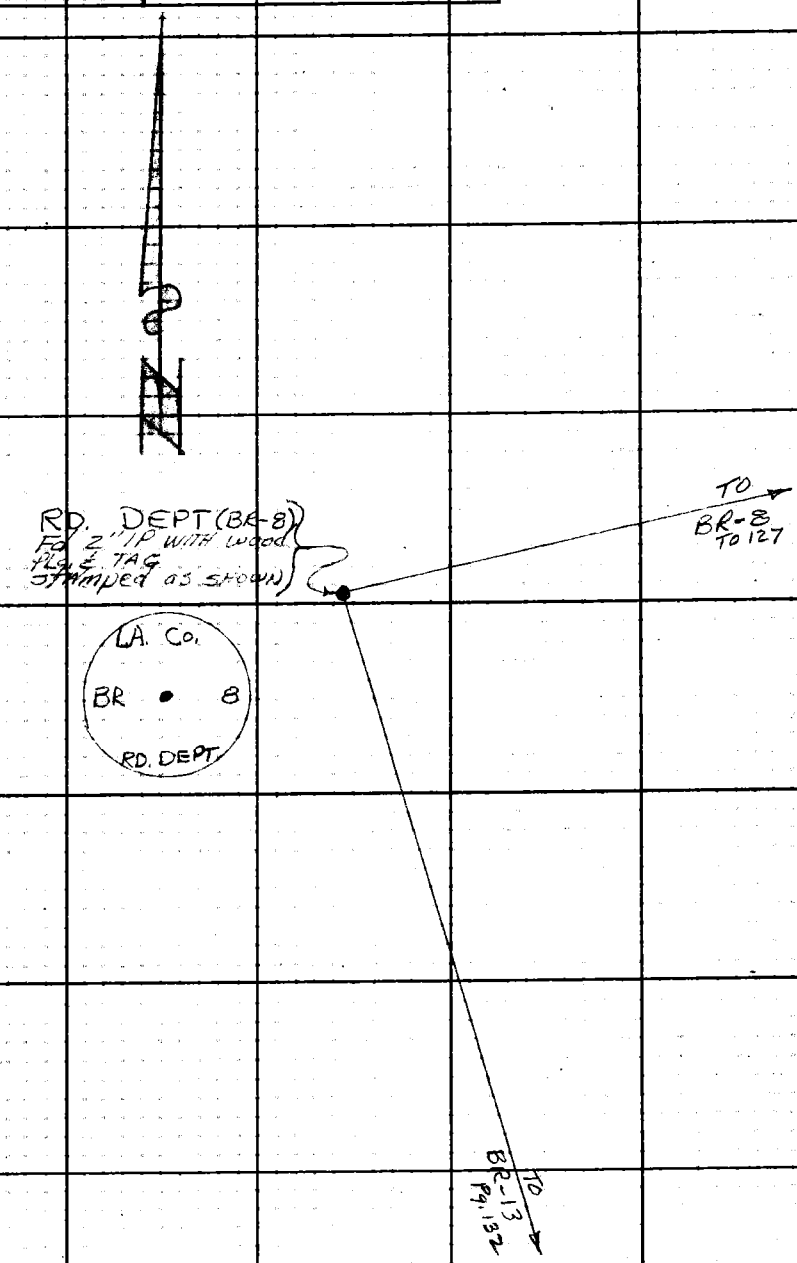
Notes Ck'd by	Survey of BIG ROCK CR. Rd	F. B. 2643 PG. 175
Map No.	JN 096033 Tape 181 Std 84 °F	
Office Work	Surveyed by JSC	
Checked	Notes HCH Date 6-21-66	
Date	Indexed C. J. GALLI	



Noted on Geo. Index Card
Placed on U.S. Quad. Sts.
Placed on Div. W.S. Bk.
Sketch on Geo. Index Card

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F. B. 2646 PG. 176

F.B. 2643 Pg. 177

Profile No.	Notes Red	Plotted	Job No. 096033	Division No.
	Date	Date	Survey of BIG ROCK CREEK RD	
X-Sec. No.	Notes Chkd.	Checked	Survey by HCH	Notes HCH Date 6-22-66
	Date	Date	Map No.	Indexed C. J. GALLI Date JUL 1 4 '66

Noted on Geo. Index
Plat U.S.G.S. Quad
Plat Sur. Div. W.S.
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76-L-298 CE 307 2-63

JN 0960.33
BIG ROCK CREEK RD

LEVELS FOR AERIAL PHOTO CONTROLL

ROAD DEPT.
WORK ORDER
#R-9921

HUBBARD
ADAMS
SIDWELL
SOPER

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

76-L-298 CE 307 2-63

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LOS ANGELES COUNTY ENGINEER
403 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

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F.B. 2643 Pg. 178 | Job No. 0960.33 | Division No. | Notes Red | Date | Plotted | Profile
Survey of BIG ROCK CREEK RD. | Date | No. | X-Sec.
Survey by HCH | Notes HCH | Notes Chkd. | Checked
Indexed C. J. GALLI | Date 6-22-66 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
Fd BM SL1403 (Rd DEPT)	6.72			3868.106	BM SL 1403 ELEV. 3868.106 PALMDALE QUAD Pg. 3 Rd. DEPT. TAG IN CONC C NE COR OF RESERVOIR 150' SO. OF PP#656055E	BASE TO Water pump 130' W & BOBS GAP Rd 780' So PAVED Rd TO MT. BROOK RANCH 0.5 MI. NLY VALYERMO Rd.
℄		3874 83				
BR#1	3.98		3.57	3871.26	Fd BR#1 ELEV. Fd 1"IP 1"UP CONC. PLG & CE TAG PER FB 2643-178	FB 2643-178
℄		3875.24				
TP 1	8.52		1.71	3873.53		
TP 2	9.81	3882.05	0.11	3881.94		
TP 3	9.70	3891.75	0.70	3891.05		
TP 4 (Rd DEPT)	2.10	3900.75	5.05	3895.70		
BM SL1401	5.77	3897.80	4.55	3893.25	BM SL1401 (Rd DEPT) ELEV. Pg. 3 BR CAP IN NELY COR 15' N + 74 FT W & INT. VALYERMO RD & BOBS GAP RD. MKD L.S. 56 1929 - RESET 1960 U.S.G.S.	3893.260 PALMDALE QUAD ABUT TO BRIDGE No. 490
		3899.02				
TP 5	10.98		3.26	3895.76		
TP6	7.45	3906.74	1.14	3905.60		
TP7	10.17	3913.05	2.19	3910.56		
TP 8	7.91	3920.73	0.34	3920.39		
Fd BM U.S. 183	9.36	3928.30	1.91	3926.39	Fd BM ELEV	PER 2643-178
℄		3935.75			USGS BRASS CAP MON set onto The TOP 3½" IP UP 15" ± 100' N OF ℄ INT BIG PINES HWY & BIG ROCK CREEK Rd.	MKD. "3927.83"

76-L-298 CE 307 2-63

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Noted on Geo. Index Card
Place [illegible] S.B.S. Quad. Sks.
Place [illegible] Bur. Div. W.S. [illegible]
Sketch on Geo. Desc. Card

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. # 55	9.36	3935.75		3926.39	SEE PRECEEDING PG.	
T.P. 9	9.25	44.46	0.54	35.21		
T.P. 10	8.62	52.31	0.77	43.69		
T.P. 11	7.63	58.51	1.43	50.88		
T.P. 12.	3.90	60.38	2.03	56.48		
T.P. 13	11.14	68.91	2.61	57.77		
T.P. 14	10.28	77.16	2.03	66.88		
T.P. 15	11.68	88.15	0.69	76.47		
T.P. 16	10.77	98.73	0.19	87.96		
T.P. 17	9.98	4008.24	0.47	98.26		
T.P. 18.	10.46	17.14	1.56	4006.68		
T.P. 19	10.47	27.06	0.55	16.59		
T.P. 20	10.27	37.05	0.28	26.78		
T.P. 21	10.71	47.17	0.59	36.46		
T.P. 22	10.92	57.83	0.26	46.91		
T.P. 23.	11.21	68.97	0.07	57.76		
T.P. 24	11.10	79.14	0.93	68.04		
B.R. # 3			2.81	76.34	FD. BR # 3 ELEV. =	F.B. 2643-178
					FD. 1" I.P. CONC. PLUG C.E. TAG EN 1" UP PER F.B. 2643-121	
X	0.98	77.32				
T.P. 25			10.67	66.65		

Profile No. X-Sec. No.
Notes Red ____ Plotted ____ Job No. 096033 Division No. 11
Date ____ Date ____ Survey of BIG ROCK CREEK RD.
Notes Chkd. ____ Checked ____ Survey by HCH Notes HCH Date 6-22-66
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2643 PG. 179

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P. 25	0.67	4067.32		4066.65		
T.P. 26	0.28	56.35	11.25	56.07		
T.P. 27	0.05	45.31	11.09	45.26		
T.P. 28	1.12	35.79	10.64	34.67		
T.P. 29	0.32	25.71	10.40	25.39		
T.P. 30	0.26	19.49	6.48	19.23		
T.P. 31	0.27	09.64	10.12	09.37		
T.P. 32	0.62	3998.89	11.37	3998.27		
T.P. 33	0.80	89.18	10.51	88.38		
T.P. 34	0.09	77.22	12.05	77.13		
T.P. 35	0.28	68.11	9.39	67.83		
T.P. 36	2.37	58.83	11.65	56.46		
T.P. 37	0.66	52.62	6.87	51.96		
T.P. 38	0.12	40.76	11.98	40.64		
T.P. 39	0.35	31.10	10.01	30.75		
B.M. #55			4.70	26.40	B.M. #55 ELEV.=	SEE PG 178
	2.62	29.02				
T.P. 40	0.32	21.34	8.00	21.02		
T.P. 41	3.50	12.80	12.04	09.30		
T.P. 42			5.99	06.81		

F.B. 2643 PG. 180

Job No. 0960.33 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of BIG ROCK CREEK RD. Date ____ Date ____ No. ____

Survey by H.C.H. Notes H.C.H. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed G. J. GALLI Date 6-22-66 Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P. 42	3.41	3910.22		3906.81		
T.P. 43	0.80	3899.51	11.51	3898.71		
L.A. Co. RD. DEPT. B.M. SL 1401			6.10	93.41	B.M. SL 1401 EL.: 3893.260 FOR DESCR SEE PG 178	

X

Profile No. X-Sec. No.
Notes Red Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 096033 Division No. 11
Survey of BIG ROCK CREEK RD.
Survey by HCH Notes HCH Date 6-22-66
Map No. Indexed G. J. GALLI Date

F.B. 2643 Pg. 181

F.B. 2643 Pg. 182

Job No. 0960-33 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BIG ROCK RD. Date _____ Date _____ No. _____

Survey by H.C.H. Notes H.C.H. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date 6-22-66 Date _____ Date _____ No. _____

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

78-L-298 CE 307 2-63

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Notes Ck'd by	Survey of Big Rock Creek	F.B. 2643 Pg. 183
Map No.	JN 0960.33 Tape Std °F	
Office Work	Surveyed by J S COATES	
Checked	Notes J S C Date 9/5/67	
Date	Indexed C. J. GALLI 30 12 67	

J.N 0960.33

BIG ROCK CREEK ROAD

AERIEL Photo MAP Check
(Survey Div. F.M. 108-35)
Sept. 1967

COATES
VAN NESS
ADAMS
READ

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76P3095 CE #310 5-66

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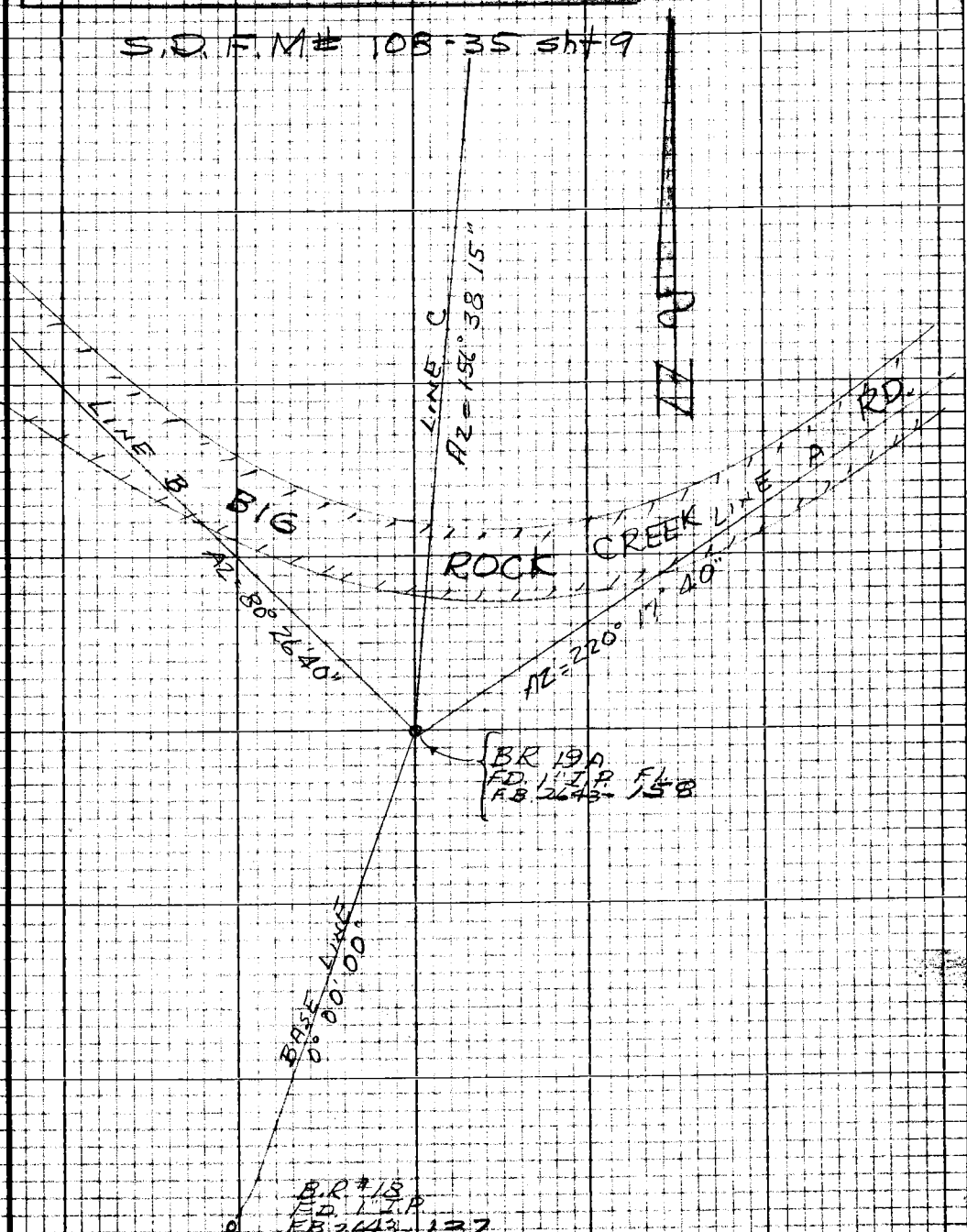
Sta	Line	B.S.	H.I.	Rod	Slope Dist	vertical ∠	Horz Dist	Vert Dif	Elev.

FB 2643 Pg 154

Notes Ck'd by	Survey of BIG ROCK CREEK
Map No.	JN 0960.33 Tape Std °F
Office Work	Surveyed by J S COATES
Checked	Notes JSC Date 9/7/62
Date	Indexed C. J. GALLI

RD F.B. 2643 Pg. 185



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76P3098 CE #310 5-58

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T.C. STATION 19A

STA	LINE	B.S.	H.I.	Rod	Slope dist	Vertical ANGLE	Horiz dist	Vert diff	Elev	
0+00	"A"	5.0	4596.1						4591.1	
0+31.5				5.0	32'	+ 77°52'10"	31.3	+6.73	27.8	Top edge fill
0+86'				"	86'	+ 85°15'00"	85.7	+7.10	98.2	edge pav.
"		5.2	4603.4	5.2	100'	+ 87°59'00"	99.9	+3.50	4601.7	
				"	200'	+ 87°55'00"	199.9	+7.10	4605.3	
3+85.5				"	300'	+ 87°59'00"	299.8	+10.60	4608.8	
"		5.2	4614.0	"	100'	+ 88°20'00"	100.0	+2.90	11.7	
				"	200'	+ 88°23'00"	199.9	+5.60	14.4	
6+85.4				"	300'	+ 88°23'00"	299.9	+8.50	17.3	
"		5.3	4623.1	5.3	100'	+ 88°03'00"	99.9	+3.40	20.7	
				"	150'	+ 88°11'00"	149.9	+4.80	22.1	
				"	175'	+ 88°24'00"	174.9	+4.90	22.2	Flow Line
				"	190'	+ 87°31'00"	189.8	+8.20	25.5	
9+10'				"	225'	+ 87°00'00"	224.7	+11.80	4629.1	
0+00	"B"	5.0	4634.1	5.0	41'	+ 87°17'00"	40.9	+ 1.70	30.8	edge fill
0+99.2		5.1		"	100'	- 92°31'00"	99.9	- 4.40	24.7	
				5.1	100'	- 95°26'00"	99.6	- 2.50	19.6	
				"	200'	- 95°32'00"	199.1	-12.50	09.8	
3+98.8				"	300'	- 95°44'00"	298.5	-30.00	4599.1	S. edge pav
"		5.3	4604.4	5.3	100'	- 96°31'00"	99.4	-11.30	4587.8	
				"	200'	- 96°23'00"	198.8	-22.20	4576.9	
6+96.8				"	300'	- 95°58'00"	298.4	-31.20	4567.9	Center pav.
"		5.2	4573.1	5.2	74'	- 93°45'00"	73.8	- 4.80	4563.1	Toe fill
				"	110'	- 93°57'00"	109.4	-11.40	4556.5	Toe of fill

FB 2643 Pg 186

76P3098 CE #310 5-66

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STATION 19A CONT 67.9

STA	LINE	B.S.	H.I.	Rod	slope dist	Vertical Angle	Horiz dist	Vert. diff	Elev.	
	"B" cont.		4573.1	5.2	132'	−95°31'00"	131.4	−12.7	4555.2	
				"	200'	+85°36'00"	199.4	+15.3	83.2	Top cut
9+39.8				"	244'	+84°55'00"	243.0	+21.6	89.5	
0+00	"C"	4.9	4596.0						4591.1	
				4.9	15'	+75°41'00"	14.5	+3.7	94.8	Top fill
				"	67'	−90°44'00"	67.9	−0.9	90.2	Toe cut
				"	81'	+79°19'00"	79.6	+15.0	4606.1	Top cut
				"	145'	+79°37'00"	142.6	+26.1	17.2	
				"	200'	+80°59'	197.5	+31.3	22.4	
2+54.0				11°	300'	+79°56'	254.0	+46.3	37.4	52.4 / 6.1 / 46.3
2+87							+33'	+5.9	42.4	
3+37							+83'	+7.0	44.0	Toe of Ridge

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

Survey of Big Rock Creek
JN 0960.33 Tape Std °F
Surveyed by JS Coates
Notes Date 9/17/67
Indexed C. J. GALLI

F.B. 2643 Pg. 187

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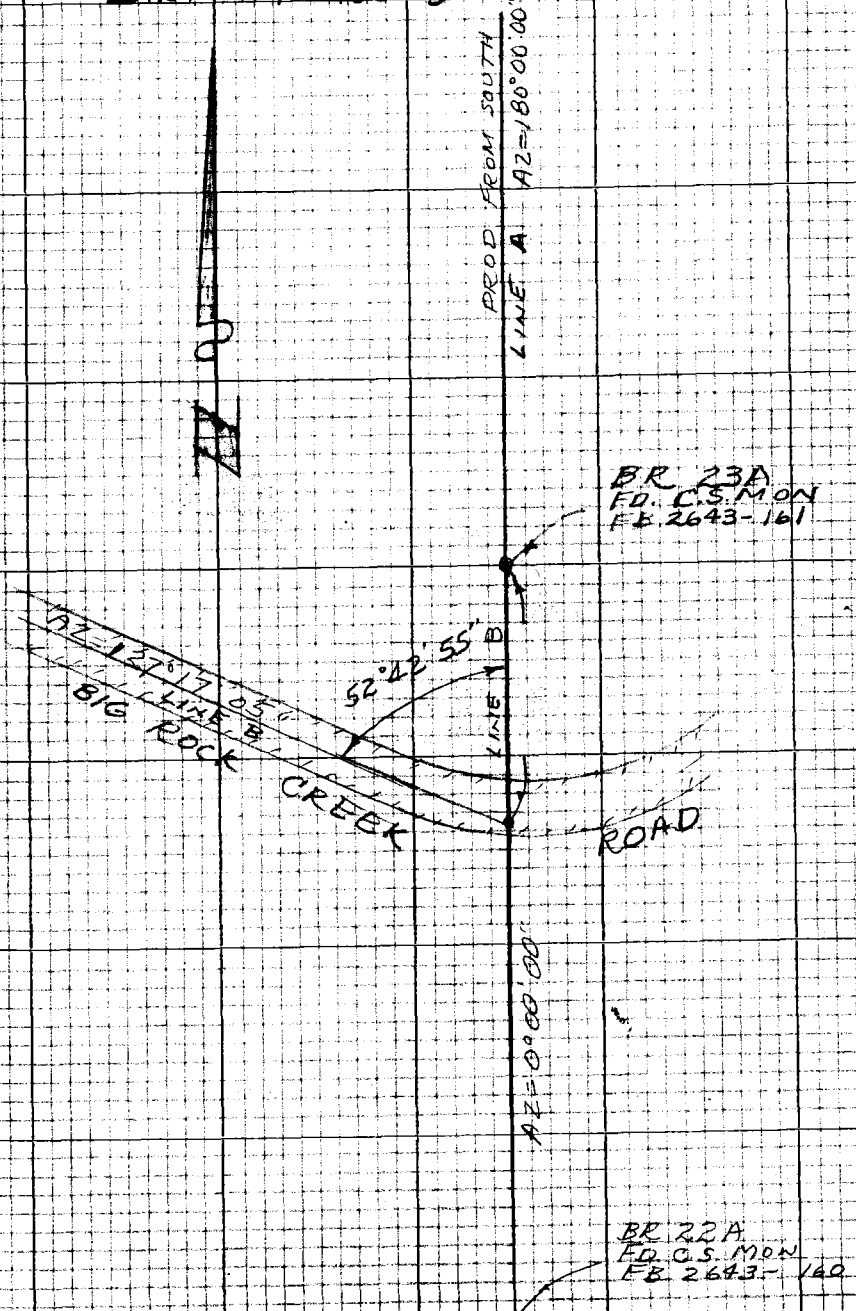
F.B. 2645 Pg 188

Notes Ck'd by	Survey of BIG ROCK CREEK
Map No.	JN 0960.33 Tape Std °F
Office Work	Surveyed by J S COATES
Checked	Notes JSC Date 3/6/67
Date	Indexed C. J. GALLI

F.B. 2643 Pg. 189

S.D. F.M. # 108-35 Sht. 8



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STATION BR 23A

STATION	LINE	B.S.	H.I.	Rod	Slope Dist	Vertical Angle	Horiz Dist	Vert diff.	Elev.	
0+00		5.0	4898.0						4893.0	Sect. Cor. - C.S. Mon
0+42	"A"			5.0	43'	+78°30'	42.1	+8.6	4901.6	Toe of Slope
				"	100'	+66°58'	92.1	+39.1	4932.1	
				"	204'	+60°42'	177.9	+99.8	4992.8	
2+98.6				"	300	+58°45'	256.5	+155.6	5048.6	
3+82.4		9.0	5057.6	4.6	99'	-122°09'	83.8	-52.7	5105.7	Top ridge Sighted back to 2+98 652.7 / 4.4 / 57.1
"		4.6	5110.3							
4+32.5				4.6	54'	-111°54'	50.1	-20.1	5085.6	ahead
4+72.2				"	93'	-104°58'	89.8	-24.0	5081.7	Edge rock Cliff
4+84.2							+10'	-15.5	5066.2	
5+00.2							+28'	-17.5	5068.2	
5+27.2							+55'	-26.5	5055.2	Bot ravine
5+63.3					181	+87°59'	180.9	+6.4	5112.1	
0+00	B	4.7	4897.7						4893.00	Top C.S. Mon - Sect. Cor.
0+54.0		4.7	4890.3	4.7	54.5	-97°46'	54.0	-7.4	4885.6	
				4.7	15'	-116°37'	13.4	-6.7	4878.9	Top cut
				11.0	43'	-129°19'	31.5	-27.2	4852.1	Toe cut 27.2 / 6.3 / 33.5
				4.7	53'	-129°27'	40.9	-33.7	4851.9	N. edge of pav
1+21.2				4.7	74'	-114°44'	67.2	-31.0	4854.6	S. edge of pav
"		5.1	4859.7	5.1	100'	-93°52'	99.8	-6.7	4847.9	
				"	200'	-93°42'	199.6	-12.9	4841.7	
4+20.6				"	300'	-93°29'	299.4	-18.2	4836.4	
4+20.6		5.2	4841.6	5.2	100'	-92°13'	99.9	-3.9	4832.5	
				"	200'	-92°06'	199.9	-7.3	4829.1	
7+20.4				"	300'	-92°03'	299.8	-10.7	4825.7	
"		5.2	4830.9	5.2	100'	-92°10'	99.9	-3.8	4821.9	

F.B. 2643 Pg 190

76P3095 CE #310 5-66

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STATION 23A CONT.

Station	Line	B.S	H.I.	Rod	Slope Dist	Vertical Angle	Horiz Dist	Vert diff	Elev	
	"B" CONT.			5^2	200'	- 92° 25'	199^8	-8^4	4817.3	
$10+19^9$		5^2	4814.1	"	300'	- 93° 13	299^5	-16^8	4808.9	
"				5^2	100'	- 95° 16	99^6	-9^2	4799.7	
				"	200'	- 95° 16'	199^2	-18^4	4790.5	
$13+18^7$				"	300'	- 95° 05'	298^8	-26^6	4782.3	
$13+59^7$							+41'	-3^2	4779.1	Nedge of pav
$13+80^7$							+62'	-5^5	4776.8	Toe of cut

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

Survey of BIG ROCK CR
IN 2960.33 Tape Std °F
Surveyed by J S COATES
Notes JSC Date 9/6/67
Indexed C. J. GALLI

F.B. 2643 Pg. 191

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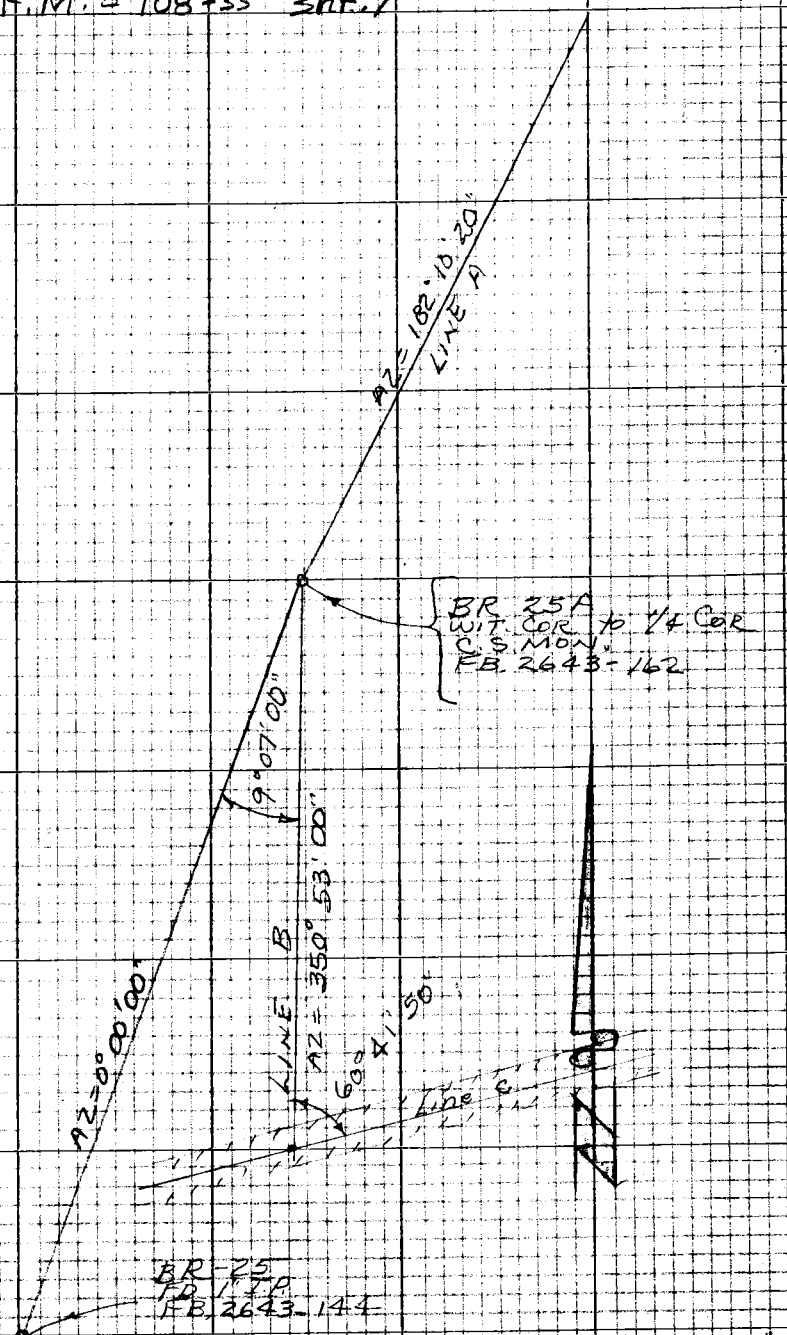
F.B. 2643 Pg. 192

Notes Ck'd by	Survey of Big Rock Creek	F.B 2643 Pg 193
Map No.	JN 0960.33 Tape Std °F	
Office Work	Surveyed by J S COATES	
Checked	Notes JSC Date 9/7/67	
Date	Indexed C. J. GALLI	

S.D.F.M. # 108-35 sht. 7



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75P3095 CK #310 5-66

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STATION BR-25A

STATION	LINE	B.S.	H.I.	ROD	Slope DIST	Vertical Angle	Horiz DIST	Vert Diff	Elev.	
X 0+00	"A"	4		4	100'	+77°35"	97	+21.5	5124.9	BR+25A C.S. Mon
				4	100'	+77°35"	97	+21.5	146.4	
				"	200'	+76°23"	194	+47.1	72.0	
2+90?				"	306'	+75°42"	290?	+74.1	99.0	
3+45?							+55	+12.00	5211.0	
4+35.7							+145	+23.2	5222.2	
X 0+00	"B"	4	5129.3						5124.9	
				4	100'	-101°07"	98	-18.3	05.6	
				"	200'	-101°32"	196	-40.0	5084.9	
2+44				"	250'	-101°38"	244	-50.4	74.5	Top break
X "	"	5	5079							
				5	84	-110°20"	78	-29	45.5	Bot. W side of ravine
				"	150'	-105°03"	144	-38	35.6	on side slope of ravine
				"	219'	-101°54"	214	-45	29.3	Top W. end headwall
4+86				"	246'	-100°47"	241	-46	24.3 -5' to bot.	
X 0+00	"C"	5	5033.8						50 28.5	℄ pav. on Big Rock Ck Rd.
				5	100'	+84°23"	99.5	+9.8	38.3	on pav. Road
				"	200'	+84°33"	199.1	+19.9	47.5	
2+98				"	300'	+84°50"	298.8	+27.9	55.5	
X "	"	5	5060.8	5	100'	+86°23"	99.8	+6.3	21.8	
				"	200'	+86°40"	199.7	+11.6	67.1	
1+94				"	261.5	+87°03"	261.2	+13.5	69.0	Flow Line = Toe of Cut bank
5160.0										

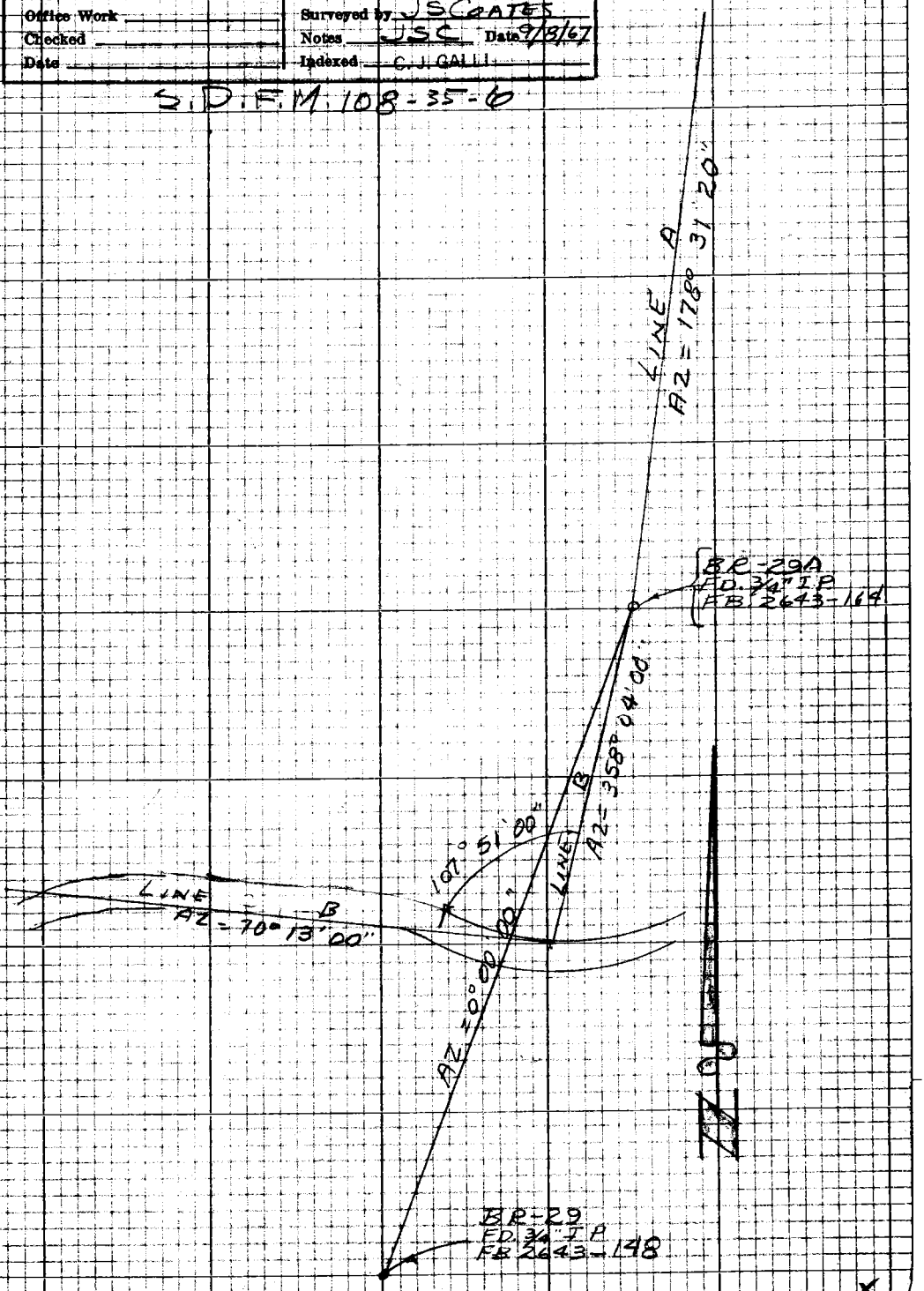
FB 2643 Pg

X

Notes Ck'd by	Survey of BIG ROCK CREEK RD
Map No.	JN 0960.33 Tape Std °F
Office Work	Surveyed by J S COATES
Checked	Notes JSC Date 9/8/67
Date	Indexed C. J. GALLI

F.B. 2643 Pg 195

S.D.F.M. 108-35-6



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BR-29A

STATION	LINE	B.S.	H.I.	Rod	Slope DIST.	Vertical Angle	Horiz DIST	Vert DIFF	Elev.	
⊼ 0+00	"A"	4.6	5470.1						5465.5	BR-29A
				4.6	100'	+57°42'	84.5	+53.4	5418.9	
				"	205'	+57°07'	172.2	+111.3	5576.8	
2+51.3 ⊼ "		4.9	5634.2	"	300'	+56°54'	251.3	+163.8	5629.3	
3+37.1 ⊼ "				4.9	100'	+59°03'	85.8	+50.4	5679.7	
3+59.1 ⊼ "		5.1	5684.8	5.1	24.5	+63°51'	22.0	+10.8	5690.5	Top ridge
3+90.4		5.1	5695.6	5.1	32'	+282°11'	31.3	+6.8	5697.3	
4+25.2					67'	+279°24	66.1	+10.9	5701.4	
4+83.2 ⊼ 0+00	"B"	4.8	5470.3				58'	+5.5	5706.9	draw
				4.8	89'	-119°30'	77.5	-43.8	5465.5	BR-29A
0+99.7 ⊼ "		5.3	5413.4	"	115	-119°56'	99.7	-57.4	5421.7	
				5.3	36'	-121°47'	30.6	-19.0	5408.1	S. edge Trail
1+58.0					72.5	-126°30	58.3	-43.1	5389.1	Top edge Cut bank
1+46.0 ⊼ 1+58		5.1	5370.1	5.0			-12'	+0.1	5365.0	℄ pav.
				5.1	100'	-93°02'	99.9	-5.3	5365.1	N. edge pav.
				"	200'	-93°14'	199.7	-11.3	5359.7	
4+57.5 ⊼ "		5.3	5353.6	"	300'	-93°12'	299.5	-16.7	5353.7	S. edge pav
				5.3	100'	-93°21'	99.8	-5.8	5348.3	" " "
				"	200'	-93°22'	199.7	-11.7	5342.5	" " "
7+57.0 ⊼ "		5.2	5336.3	"	300'	-93°17'	299.5	-17.2	5336.6	" " "
				5.2	100'	-92°33'	99.9	-4.4	5331.1	" " "
					200'	-92°39'	199.8	-9.2	5326.7	
10+56.7 ⊼ "		5.1	5322.7		300'	-92°35'	299.7	-13.5	5321.9	
11+87.6				5.1	100'	-92°51'	99.9	-5.0	5317.6	
					131'	-92°32'	130.9	-5.8	5312.6	Bot. Cut bank

F.B. 2643 Pg. 196

Notes Ck'd by	Survey of BIG ROCK CREEK RD.
Map No.	JN 0960.33 Tape 500 #27 Std. °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C.L.W. Date 5 SEPT. 67
Date	Indexed C. J. GALLI

F.B. 2643 Pg. 197

BIG ROCK CREEK ROAD

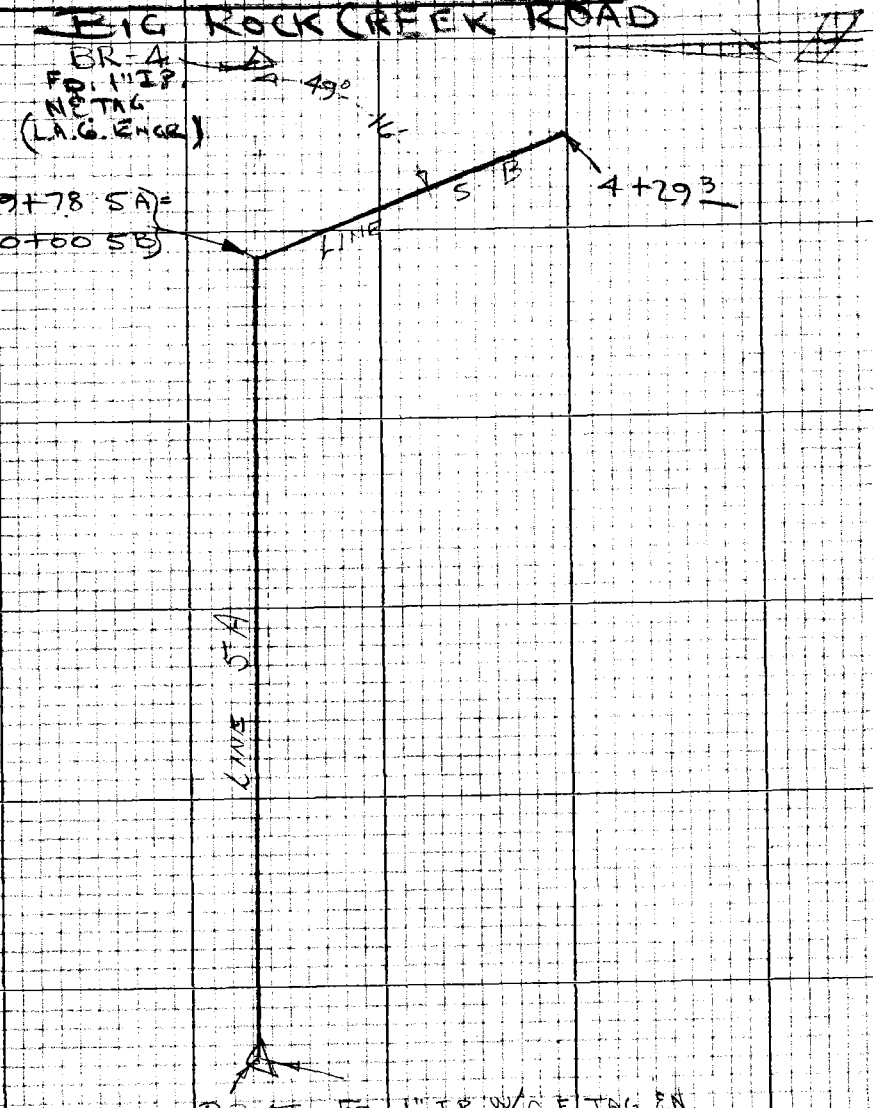

PHOTO CHECK
SEE SURVEY DIVISION
FILE MAP 108-35 - SHT. #13
J.N 0960.33

WRIGHT
HUBBARD
SIDWELL
GALLAGHER

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@ STA.	LINE	BACK SITE	H.I.	ROD	SLOPE DIST.	VERTICAL ANGLE	HORIZ. DIST.	VERT. DIFF.	ELEVATION	DESCRIPTION
									4082 6	△ STA. BR 5
⊼ BR-5										
0+00	5 A	15°	4087 6	6 4		LEVEL	7 0		81 2	
0+07	"			5°	100 0	-28° 19'	88 0	-47 4	35 2	S.H.
+88 0	"			"	200 0	-28° 25'	175 9	-95 2	3987 4	" "
+75 9	"			"	300 0	-28° 17'	264 2	-142 1	40 5	BOT BRK
2+64 2	"			"	308 0	-27° 08'	274 1	-140 5	42 1	TOP "
2+74 1	"			"	324 0	-26° 30'	290 0	-144 6	38 0	BOT "
2+90 0	"			"	388 0	-22° 14'	360 1	-146 8	35 8	STREAM BED
3+60 1	"			"	417 0	-20° 39'	390 2	-147 1	35 5	" "
3+90 2	"			"	500 0	-16° 57'	478 2	-145 8	3936 8	" "
4+78 3	"									
⊼ "		5 4	3942 2	4 1		LEVEL	100 0		3938 1	
5+78 2	"			5 5		"	200 0		36 7	
6+78 3	"			5 5		"	239 0		36 7	BOT. BRK.
7+17 3	"			5 5		"	247 0		39 7	TOP "
7+25 3	"			5 8		"	315 0		38 4	BOT "
7+93 3	"			4 4	331 0	+1° 05'	330 9	+6 3	43 1	TOP "
8+09 2	"			"	400 0	+1° 18'	399 9	+9 1	45 9	
8+78 2	"			"	444 0	+1° 26'	443 9	+11 1	47 9	W. EDGE PVMT.
9+22 2	"			"	470 0	+1° 19'	469 9	+10 8	47 6	E. " " BOT. BRK.
9+48 2	"			"	500 0	+1° 56'	499 7	+16 9	3953 7	
9+78 0 =	"									
⊼ 0+00	5 B	5 5	3959 2	5 5	72 0	+10° 08'	71 6	+12 7	3966 4	TOP BRK
+71 6	"			"	107 0	+7° 35'	106 1	+14 1	67 8	BOT. "
1+06 1	"			"	200 0	+7° 49'	198 1	+27 2	80 9	
1+98 1	"			"	300 0	+8° 02'	297 0	+41 9	95 6	
2+97 0	"			"	400 0	+8° 30'	395 6	+59 1	4012 8	
3+95 6	"			"	434 0	+8° 27'	429 3	+63 8	4017 5	
4+29 3	"									

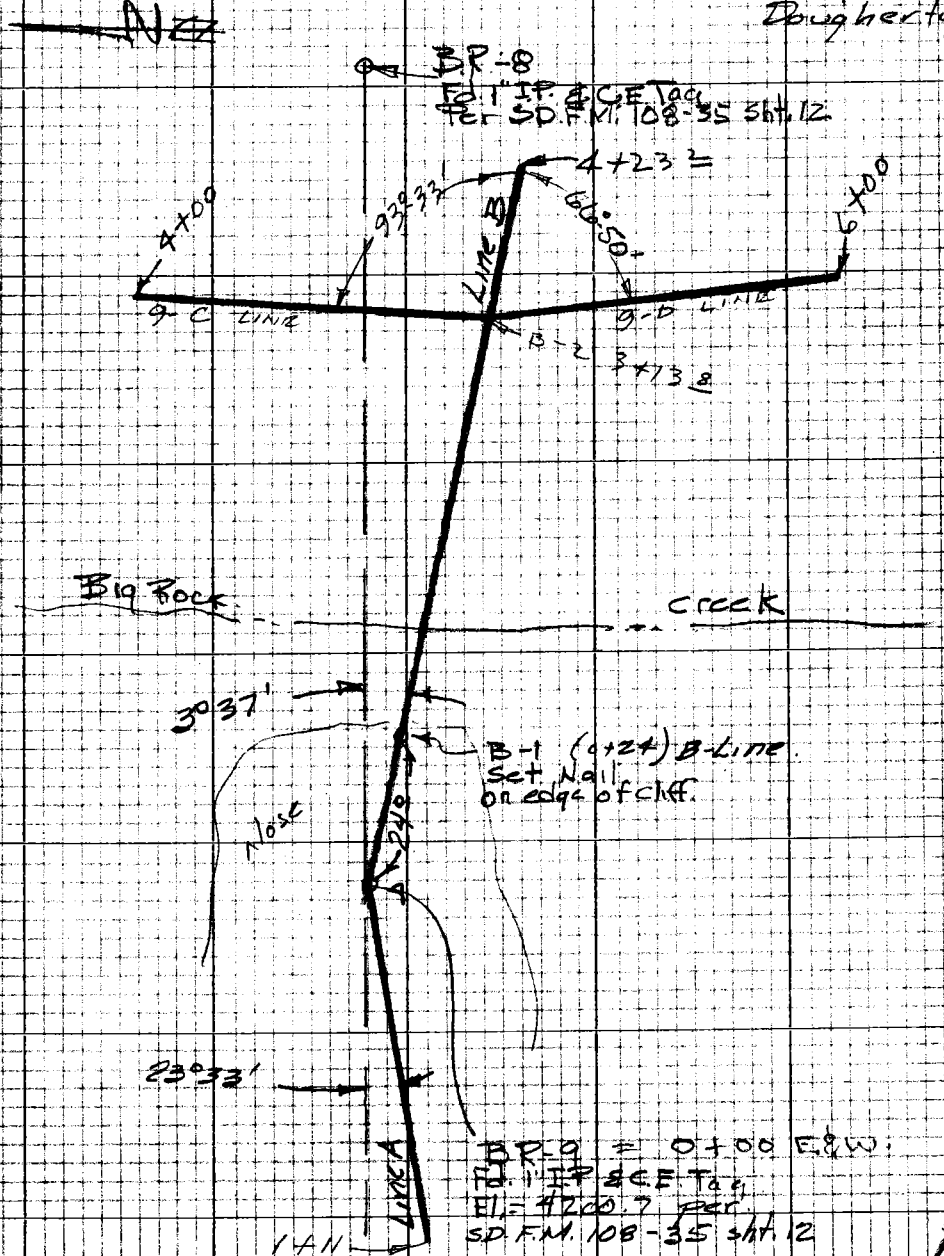
F.B. 2643 PG. 198

Notes Ck'd by	Survey of Big Rock Cr. Rd	F.B. 2643 Pg. 199
Map No.	JN 0960.33 Tape 500 #27 Std °F	
Office Work	Surveyed by Wright	
Checked	Notes Dougherty Date 9-6-67	
Date	Indexed C. J. GALLI	

Profile Check on Aerial Map # Sur. Div
File 108-35 sheet 12
Big Rock Cr. Rd
J.N. 0960.33

9-6-67

Wright
Gallagher
Dougherty



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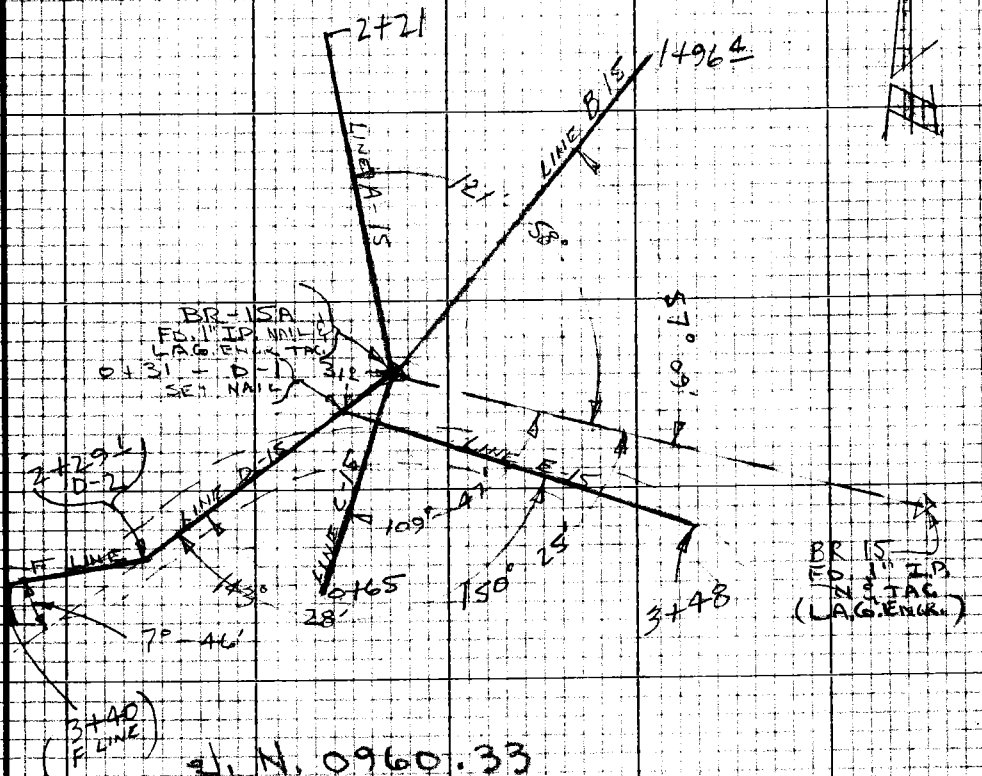
@ STA	LINE	BACK SITE	H. I.	ROD	SLOPE DIST.	VERTICAL ∡	HORIZ. DIST.	VERT. DIFF.	ELEVATION	DESCRIPTION
BR-9 (West on Line A)			5.2						4200.7	B.R.-9
π "		5.2	4205.9							
0+14				1.7	14.0	Level	14.0		04.2	
+37.2				5.2	38.0	+10°00'	37.4	+6.6	07.3	
+78.2				10.0	79.0	+8°10'	78.2	+11.2	07.1	
1+11				5.2	113.0	+10°44'	111.5	+21.5	21.7	
B-Line (to east)		5.2	4205.9						4200.7	
Ng 1 0+24				11.2		Level	24.0		4194.7	
π @ 0+24		5.2	4199.9							
0+45.5 (East on B-Line)				5.2	26.0	-35°09	21.3	-15.0	79.7	Break +2.0 Lev.
0+63.5	"			6.0	56.2	-45°38'30"	39.5	-40.4	53.5	
1+49.7	"			10.0	167.0	-41°12'	125.7	-110.0	4079.9	S.H.
3+13.8 (B-2)	"			10.0	336.0	-30°24'20"	289.8	-170.0	4029.9	W. EDGE PVMT.
π " "		5.6	4035.5							
0+00 (BR-9)	"			10.0		+29°08'00"	-313.8	+174.2	4200.4	RECIP. TO BR-9
3+03.8	"			5.6		Lev	-10.0		4029.9	Top Brk
2+89.8	"			13.0		"	-24.0		22.5	Bot. "
2+04.6	"			5.6	-110.0	-6°-44'	-109.2	-12.8	17.1	" CLIFF @ WATER
3+37.8	"			6.3	+24.0	Lev	+24.0		29.2	E. EDGE PVMT
3+47.5	"			5.6	+35.0	+15°-55'	+33.7	+9.6	39.5	TOP CUT
3+90.4	"			"	+83.0	+22°40'	+76.6	+32.0	61.9	
4+23.2	"			"	+122.0	+26°-13'	+109.4	+53.9	83.8	
0+83	9-C			8.3		Lev	83.0		27.2	PVMT
1+91	"			5.6		-1°-10'	191.0	-3.9	26.0	"
2+75	"			"		-1°-22'	275.0	-6.6	23.3	"
3+00	"			"		-1°-26	300.0	-7.5	22.4	"
4+00	"			"		-1°-24	400.0	-9.8	20.1	"
1+00	9-D			4.3		Lev	100.0		31.2	"
2+00	"			1.7		"	200.0		33.8	"
3+00	"			5.6		+1°-28'	300.0	+7.7	37.6	"
4+00	"			"		+1°-23'	400.0	+9.7	39.6	"
5+00	"			"		+1°-34'	500.0	+13.7	43.6	"
6+00	"			"		+1°-26'	600.0	+15.0	44.9	"

F.B. 2643 Pg. 200

Notes Ck'd by	Survey of BIG ROCK CREEK RD.
Map No.	JN 0960.33 Tape 224 Std 84 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. W. Date 7-SEPT 67
Date	Indexed C. J. GALLI

F.B. 2643 Pg. 201

BIG ROCK CREEK ROAD.
PHOTO CHECK SUR. DIV. FILE MAP #
108-35 SHT. No. 11.



J. N. 0960.33

WRIGHT
PEAVY
GALLAGHER

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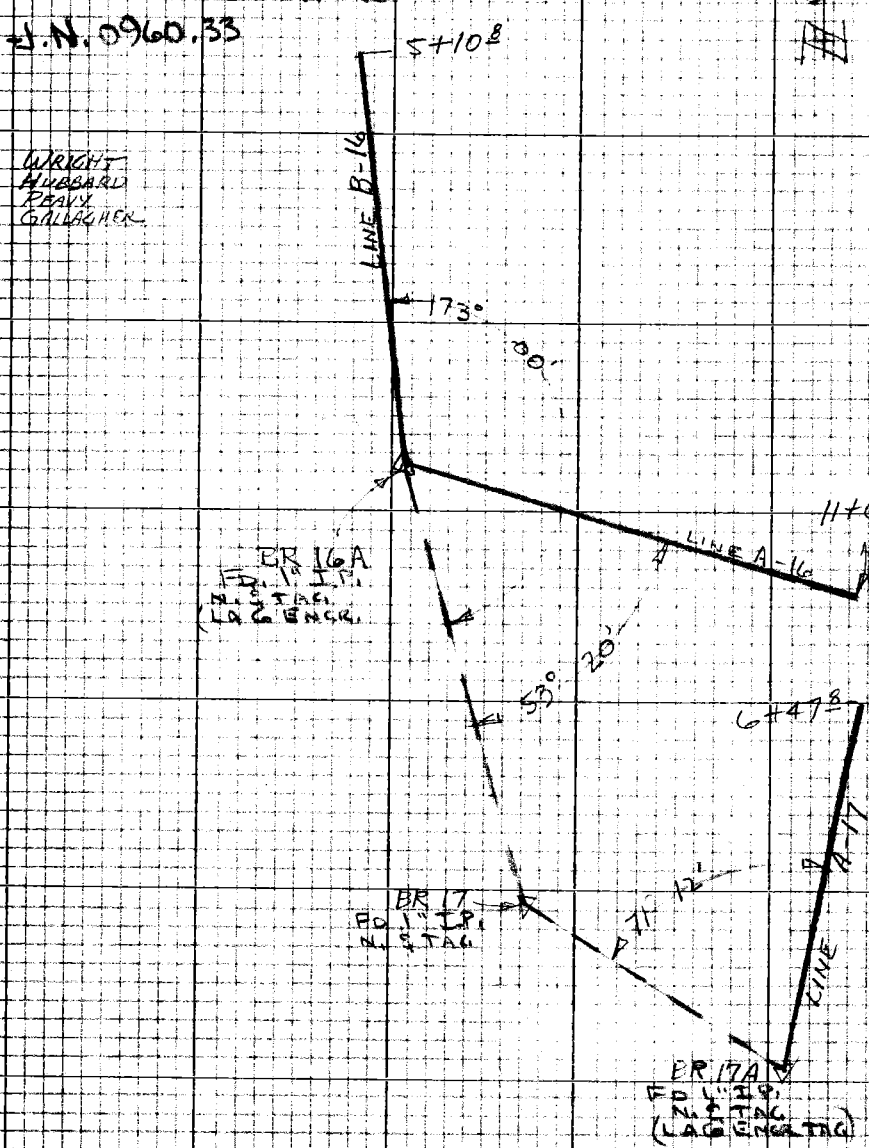
@ STA.	LINE	BACK SITE	H. I.	ROD	SLOPE DIST.	VERTICAL ∡	HORIZ. DIST.	VERT. DIFF.	ELEVATION	DESCRIPTION
⊼ BR 15 A		4.8	4231.6						4226.8	BR 15 A
0+31.2	A-15			4.8	32.0	+8°-15'	31.7	+4.6	31.4	BOT. BRK
0+92.8	"			"	98.0	+18°-41'	92.8	+31.4	58.2	TOP "
1+49.8	"			"	160.0	+20°-35'	149.8	+56.2	83.0	S.H.
2+21.0	"			"	238.0	+21°-48'	221.0	+88.4	4315.2	"
0+24.0	B-15			1.4	24.0	LEV	24.0		4230.2	BOT. BRK
+82.6	"			4.8	85.0	+13°-32'	82.6	+19.3	4246.7	" "
1+50.3	"			"	157.0	+16°-45'	150.3	+45.2	77.0	S.H.
1+96.4	"			"	206.0	+17°-32'	196.4	+62.1	88.9	TOP BRK
0+17	C-15			8.8		LEV	17.0		22.8	TOP CUT
0+26.0	"			14.2		"	26.0		17.4	BOT " EDGE PVMT
+52.7	"			4.8	54.0	-12°-37'	52.7	-11.8	15.0	" "
+65.7	"			"	67.0	-11°-20'	65.7	-13.2	13.6	TOP BRK
⊼ 0+31 (D-1)	D-15			8.1		LEV	31.0		4223.5	SET NAIL
" "		5.0	4228.5							
0+36	"			5.5	5.0	LEV	5.0		4223.0	TOP BRK
0+62.7	"			5.0	33.0	-16°-00'	31.7	-9.1	14.4	BOT. " EDGE PVMT.
1+70.1	"			"	140.0	-6°-30'	139.1	-15.8	07.7	" "
⊼ 2+29.1 D-2	"			"	199.0	-5°-34'	198.1	-19.3	04.2	
		4.8	4209.0							
0+82	F LINE			4.8		-4°-36'	82.0	-6.6	4197.6	℄ PVMT.
2+08	"			"		-5°-45'		-20.9	83.3	EDGE "
3+01	"			"		-5°-10'		-27.2	77.0	℄ "
+40	"			"		-4°-50'		-28.7	4175.5	EDGE "
⊼ D-1		5.0	4228.5						4223.5	
0+10	E-15			5.0			10.0		23.5	TOP CUT
0+45.8	"			"	46.0	-5°-24'	45.8	-4.3	18.7	BOT CUT EDGE PVMT
1+89	"			"	189.0	+0°-50'	189.0	+2.7	25.7	" "
2+87	"					+1°-40'		+8.3	31.8	℄ PVMT
3+29	"					+1°-45'		+10.0	33.5	EDGE PVMT.
+48	"					+1°-41'		+10.2	4233.7	BOT. CUT

F.B. 2643 Pg. 202

Notes Ck'd by		Survey of BIG ROCK CREEK RD.	F.B. 2643 Pg. 203
Map No.		JN 0960.33 Tape 224 Std 84 °F	
Office Work		Surveyed by C. L. WRIGHT	
Checked		Notes C. L. W Date 8 SEPT 67	
Date		Indexed C. J. GALLI SEP 13 '67	

BIG ROCK CREEK ROAD
PHOTO CHECK - SUR. DIV. FILE MAP #
108-35 SHT. NO. 10
J.N. 0960.33



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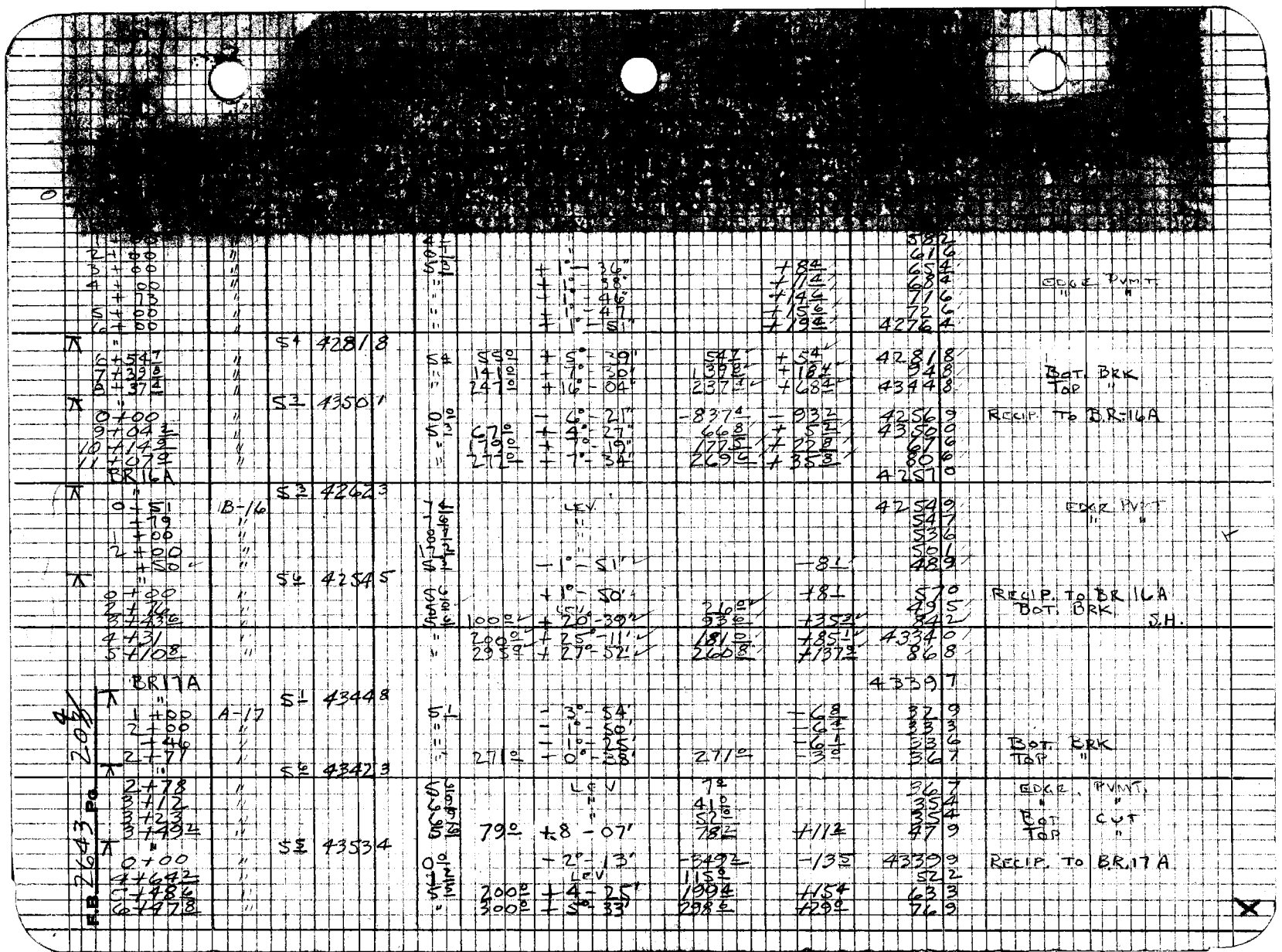
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