Ck'd by.

Survey of
IN Tape Std. °F
Surveyed by
Notes Date
Indexed

F.B. 2338 Pg.

	Job	Description
		TRANCAS CANYON RD - J.N. 0074.36
5	Cont.	"P" Line from Pac. Coast Hwy. up Trancas Cyn. to Encinal Cyn. Rd.
31	B.M.	Bench levels on "T" points up Trancas Cyn.
96	Photo Cont.	Photogrammetric control stations up Trancas Canyon from T.C. 16 to T.C. 25.
	Ties	Cadastral tie to Cor. 13/14 T1S R19W to Sta's T.C. 18 and 22/23 T.C. 24.
00	Ties	Add'l trigonometric ties to T.C. 10.
40	Photo Cont.	Add'l triang. stations & photo-grammetric control from Encinal Cyn Rd. to Mulholland Hwy. & Decker Rd.

Microfilmed March '86

Map No.
Office Work
Checked
Date

Survey of TRANCAS CYN.
W. 74.36 Tape No. St'd. 84 °F
Surveyed by W. S. Cowherd
Notes W. S. C. Date 5-15-57
Indexed L. C. Johnson 9-2-59

TRANCAS CYN. RD.

P-LINE

FROM COAST HWY # & TRANCAS CYN - NLY.
ALONG EAST SIDE OF TRANCAS CYN 4. MILE
TO INTERSECTION WITH EAST ENCINAL CYN ROAD

JN-0074.36

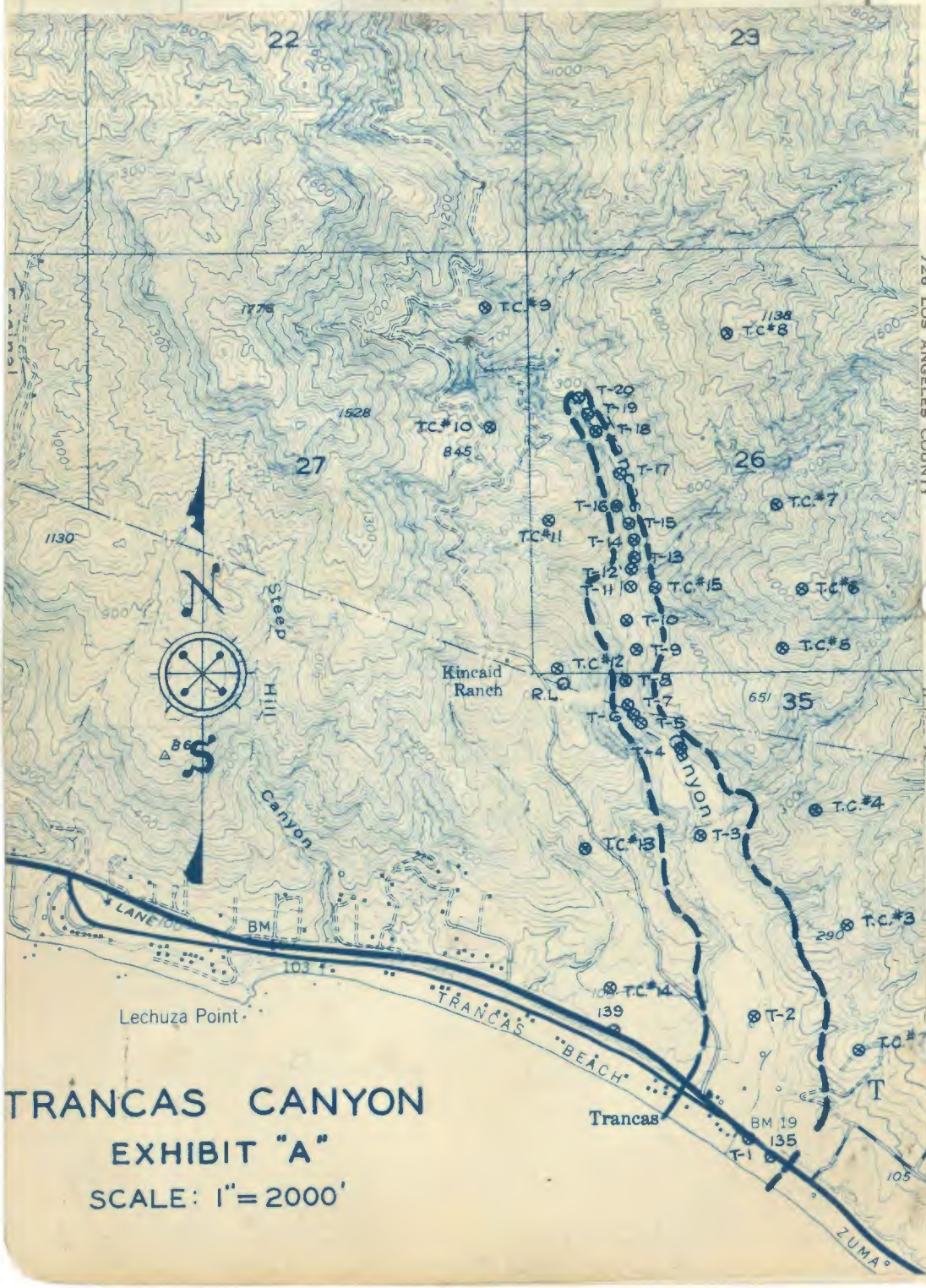
FB-2338

MAY-57

Party
W. S. Cowherd
J. Terranova
W. Dale
R. Gilroy
M. Wacker
J. M. Uharriet
W. E. Newman
W. J. Voye
R. L. Strader
M. V. Duran
R. Eller

F. B. 2738 Pg. 6

INDEX



TRANCAS CANYON

EXHIBIT "A"

SCALE: 1" = 2000'

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY

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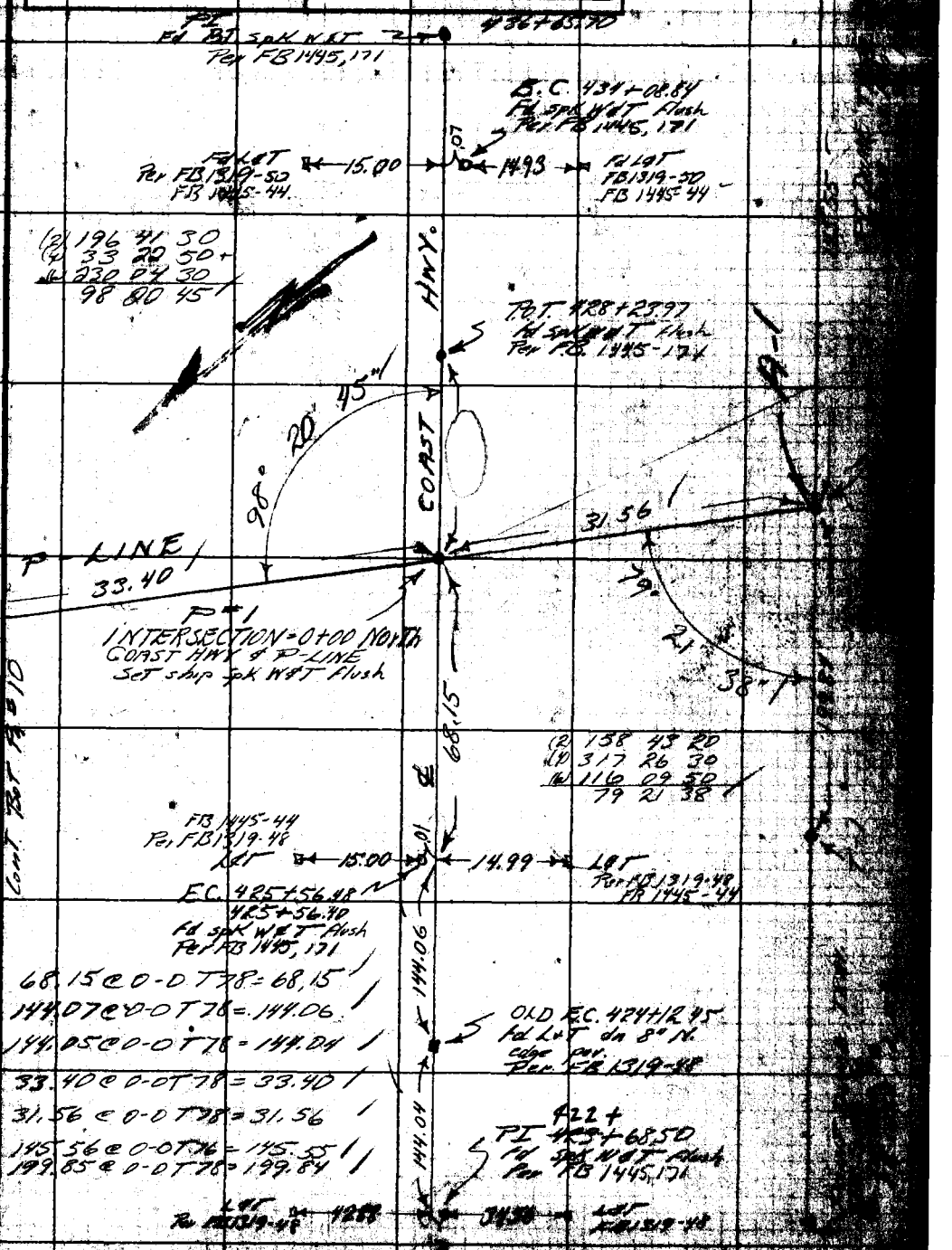
76F3095 S&E #247 1-56

Notes Ck'd by HJA	Survey of Frances Cyn Rd
Map No.	JN Tape Std 89 °F
Office Work	Surveyed by [illegible]
Checked	Notes W.S.C. Date 5-15-57
Date	Indexed [illegible]

F. 2358 Pg. [illegible]



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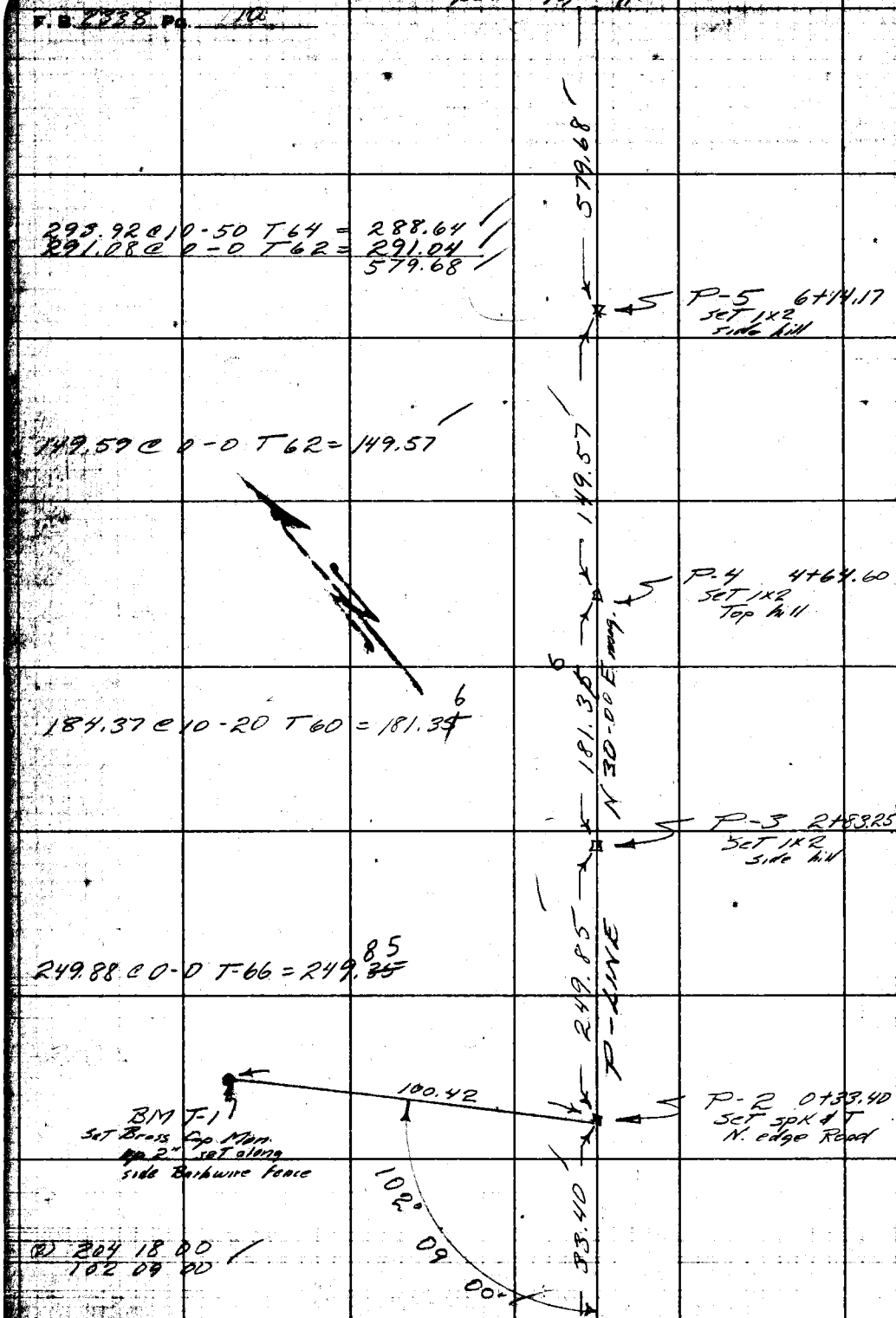
F.B. 2338 Pg. 10

Bot Pg # 11



LT side pg # 9.

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Notes Ck'd by HJA	Survey of Frances Cyn Rd
Map No.	JN 0074.36 Tape 124 Std 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W.S.C. Date 5-12-57
Date	Indexed

F. B. 2338 PG. 17

Bot Pg # 12

BM T-2
Set Brass Cap Mon
vp 4" in mound of rock
on South side of draw

N 04-10 W

346.53

241.18

144°

57'

(2) 289 54 40
144 57 20

P-9 21+36.81
Set 1x2
Top hill

102.28

20"

145°

P-8
Set
plug
Flush

22'

(2) 290 46 00
(4) 221 32 00
(6) 152 17 50
145 22 58

58'

177.87

P-7 18+56.
Set 1x2
Side hill

53.25 @ 23-46 T64 = 48.72
299.23 @ 5-30 T64 = 297.81
346.53

102.61 @ 4-32 T68 = 102.28

662.31

180.61 @ 9-57 T66 = 177.87

P-6 11+93.
Set 1x2
Side hill

236.17 @ 7-22 T 66 = 234.19
163.64 @ 0-0 T 66 = 163.62
103.55 @ 0-0 T 64 = 103.54
161.60 @ 5-01 T 64 = 160.96
662.31

579.68

Top Pg # 10

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76F3095 S&E #247 1-56

Bot Pg #13

F.B. 2338 PG. 12

96.29

P-13 33+11.21
Set 1x2
Top spur

197.37

96.62 @ 4-38 T64 - 96.29

197.40 @ 0-0 T64 = 197.37

P-12 31+13.84
Set 3/4" I.P. cone plug with L.A. Co. Engr Brass Tag
Top ridge up 1"

362.17

P-11 27+51.67
Set 1x2
Side hill

268.83

N 04-10 W

149.02 @ 6-40 T64 = 147.99
220.16 @ 13-21 T64 = 214.18
362.17

P-10 24+82.84
Set 1x2
Top spur

272.48 @ 9-20 T60 = 268.83

346.53

Top Pg #11

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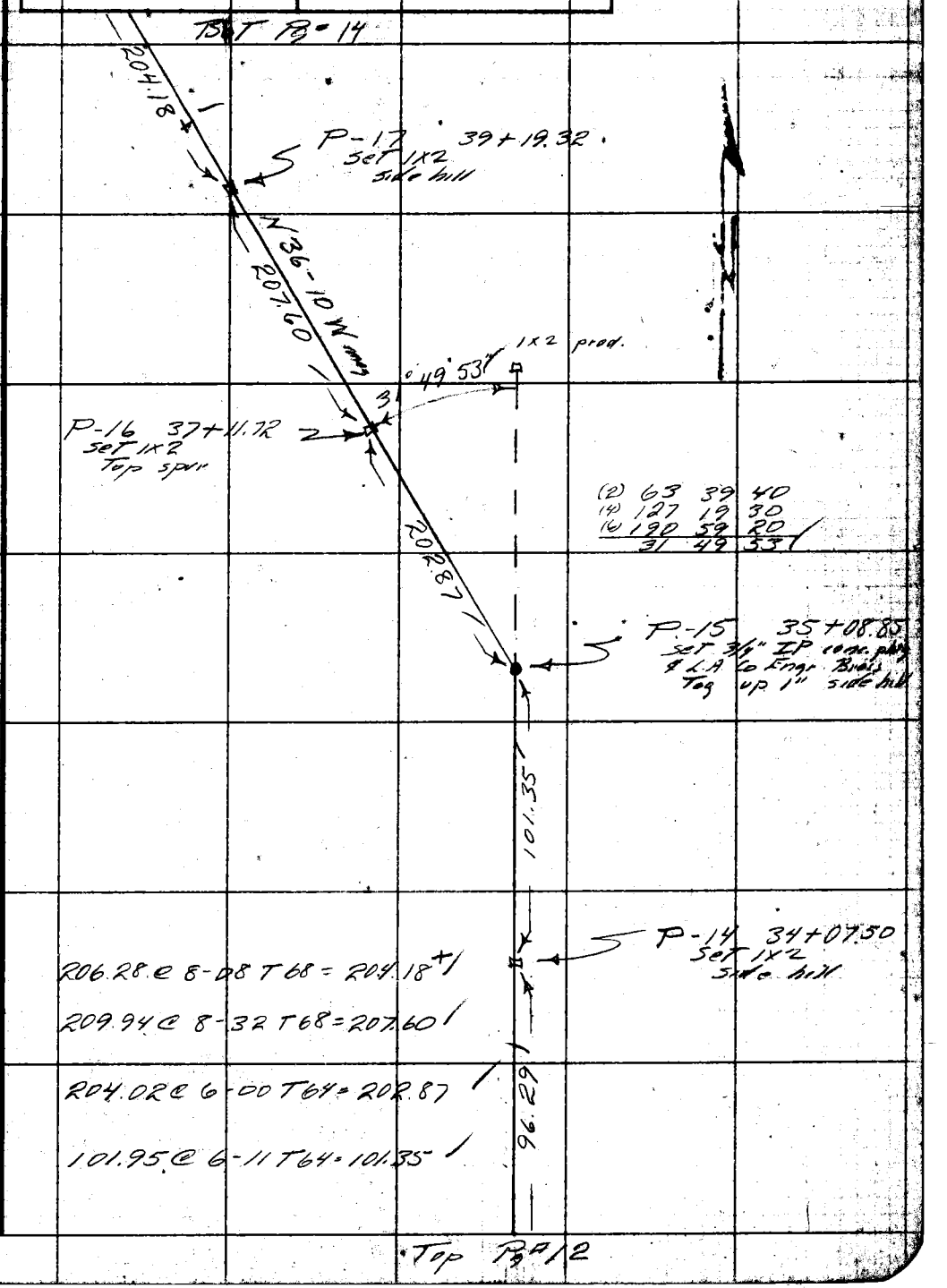
Notes Ck'd by HJA	Survey of Trancas Cyn Rd
Map No.	JN 0074.36 Tape 124 Std 84 °F
Office Work	Surveyed by W. S. Gowhard
Checked	Notes W.S.C Date 5-22-57
Date	Indexed A. C. Johnson

F. B 2338 Pg. 13



206.28 @ 8-08 T68 = 204.18

209.94 @ 8-32 T68 = 207.60

204.02 @ 6-00 T64 = 202.87

101.95 @ 6-11 T64 = 101.35

Top Pg #12

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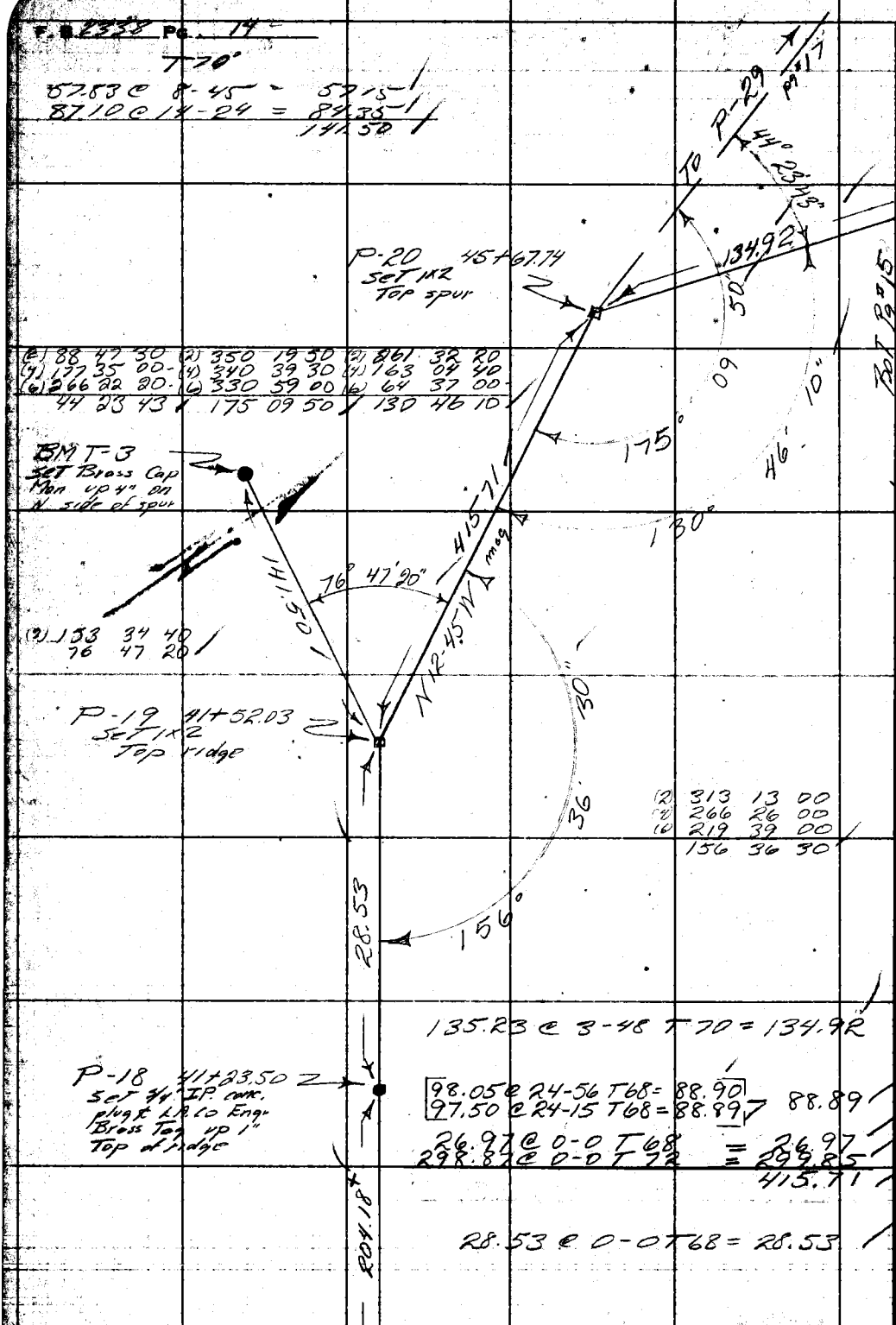
76F309S S&E #247 1-56

F.B. 2338 Pg. 14

T 70°

57.83 @ 8-45 = 57.15
87.10 @ 14-24 = 84.35
141.50



(2) 88 47 30 (2) 350 19 50 (2) 261 32 20
(4) 177 35 00 (4) 340 39 30 (4) 163 04 40
(6) 266 22 20 (6) 330 59 00 (6) 64 37 00
44 23 43 175 09 50 130 46 10

(2) 153 34 40
76 47 20

(2) 313 13 00
(4) 266 26 00
(6) 219 39 00
156 36 30

135.23 @ 3-48 T 70 = 134.92

98.05 @ 24-56 T68 = 88.90
97.50 @ 24-15 T68 = 88.89 88.89

26.97 @ 0-0 T68 = 26.97
298.87 @ 0-0 T72 = 299.85
415.71

28.53 @ 0-0 T68 = 28.53

Top Pg #13

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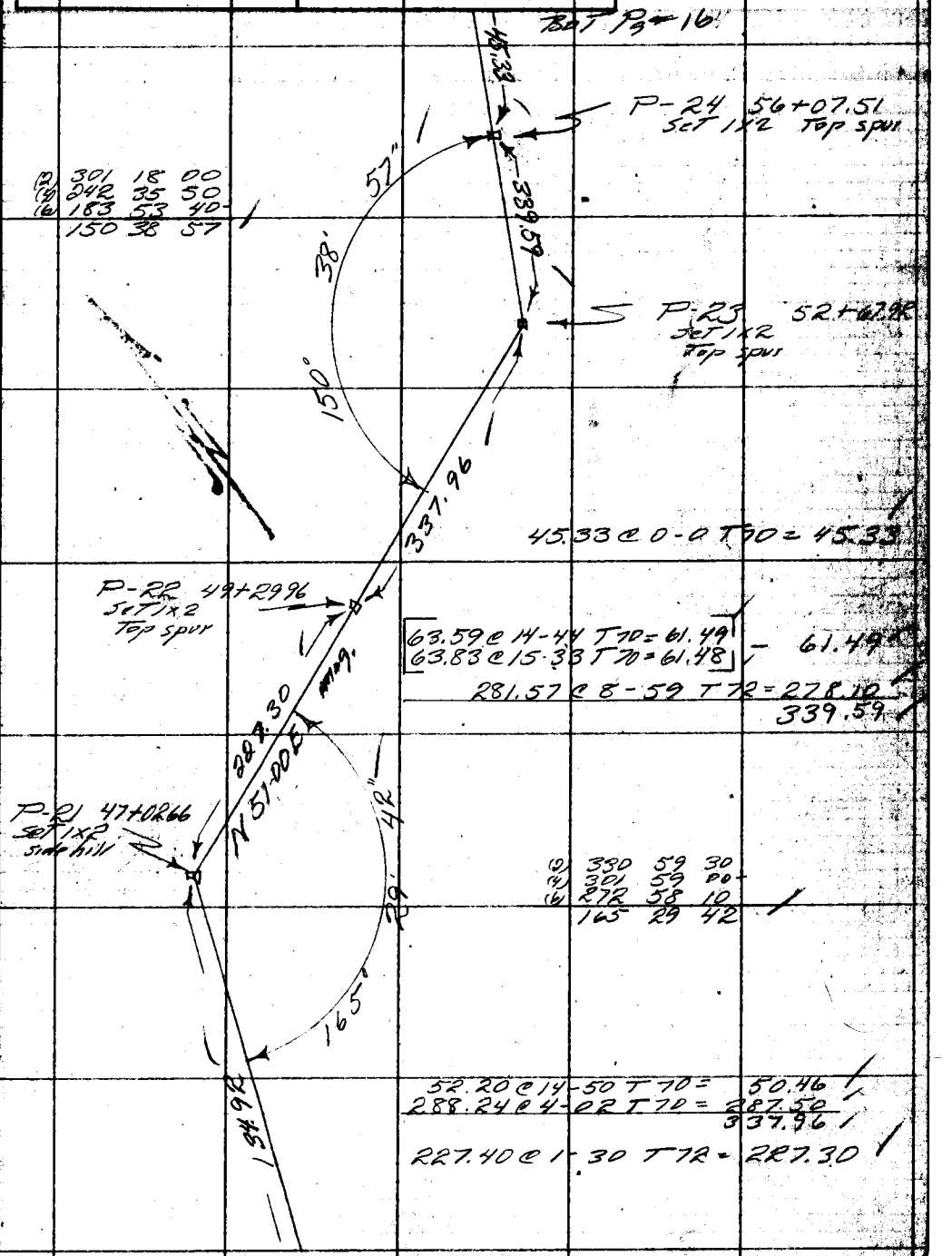
Notes Ck'd by HJA	Survey of Frances Gn. Rd.
Map No.	JN 0074.36 Tape 124 Std 84 °F
Office Work	Surveyed by W. S. Cambell
Checked	Notes W.S.C. Date 5-24-57
Date	Indexed C. Johnson

F. B. 2338 Pg. 15



(2) 301 18 00
(4) 242 35 50
(6) 183 53 40
150 38 57

(2) 330 59 30
(4) 301 59 00
(6) 272 58 10
165 29 42

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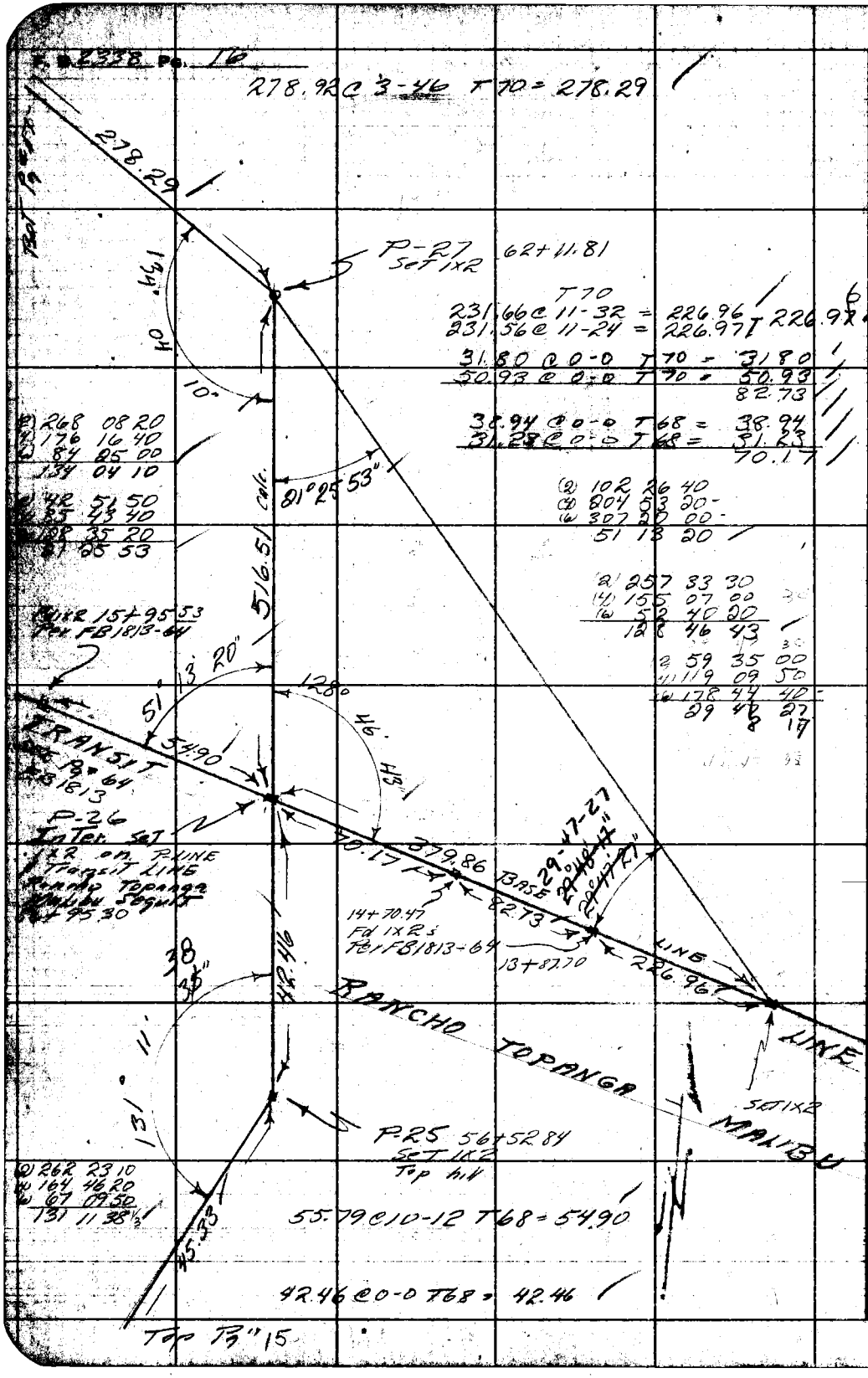
76F3098 S&E #247 1-56



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Notes Ck'd by HJA	Survey of Trancas Cyn Rd	F. B. 2358 Pg. 17
Map No.	JN 0079.36 Tape 124 Std 84 °F	
Office Work	Surveyed by W. S. Cranbend	
Checked	Notes W.S.C. Date 6-26-57	
Date	Indexed [illegible]	

Bot. RT side Pg #18

(2) 223 16 20
111 38 10

38 10
111°
29.64
P#31 72+16.27
Set 1x2
Side hill
143.3
B.M. T-4
Set Brass Cap Mon
up 4" in mound of rocks
side of ridge
160.30
P#30 70+[illegible]
Set 1x2
Side hill

33.81 @ 28-46 T 80 = 29.64
33.46 @ 27-40 T 80 = 29.63 } 29.64

168.51 @ 17-57 T 74 = 160.30
168.74 @ 18-11 T 74 = 160.30 } 160.30

214.83 @ 20-36 T 74 = 201.08
215.00 @ 20-43 T 74 = 201.09 } 201.08

201.08
N 73-00 W meg

290.90 @ 16-52 T 70 = 278.36
290.72 @ 16-44 T 70 = 278.38 } 278.37
111-87 @ 39-25 T 74 = 86.42
111.37 @ 39-06 T 74 = 86.42 } 86.42
364.79

P#29 [illegible]
Set 1" IP [illegible]
& Tag Top [illegible]

364.79
see Pg #14
65° 11' 37"
To P#20
P#28 64+90.10
Set 1x2
Top spur

(2) 130 23 10
(4) 260 46 20
(6) 31 09 40
65 11 37

278.29

Top Pg #16

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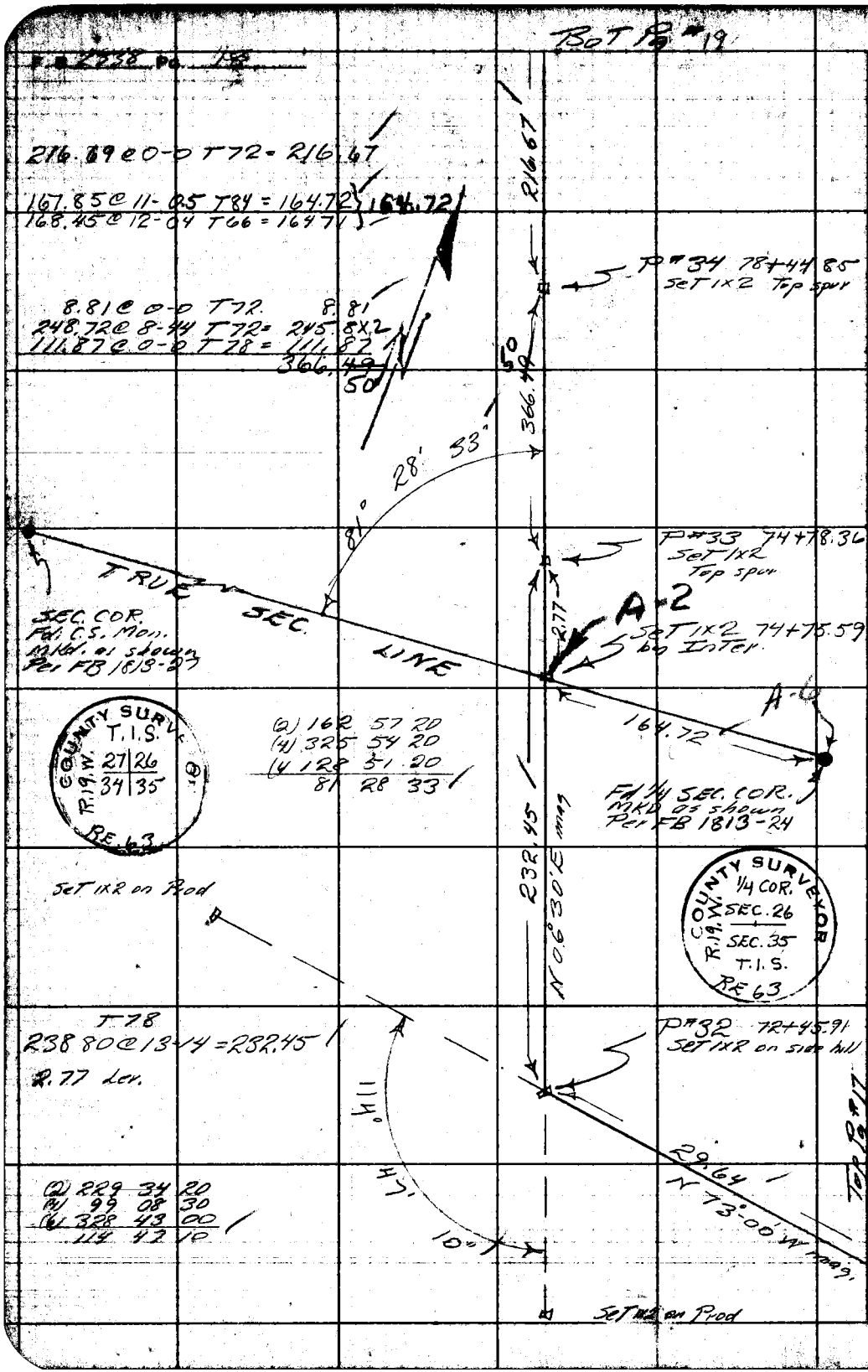
76F3098 S&E #247 1-56



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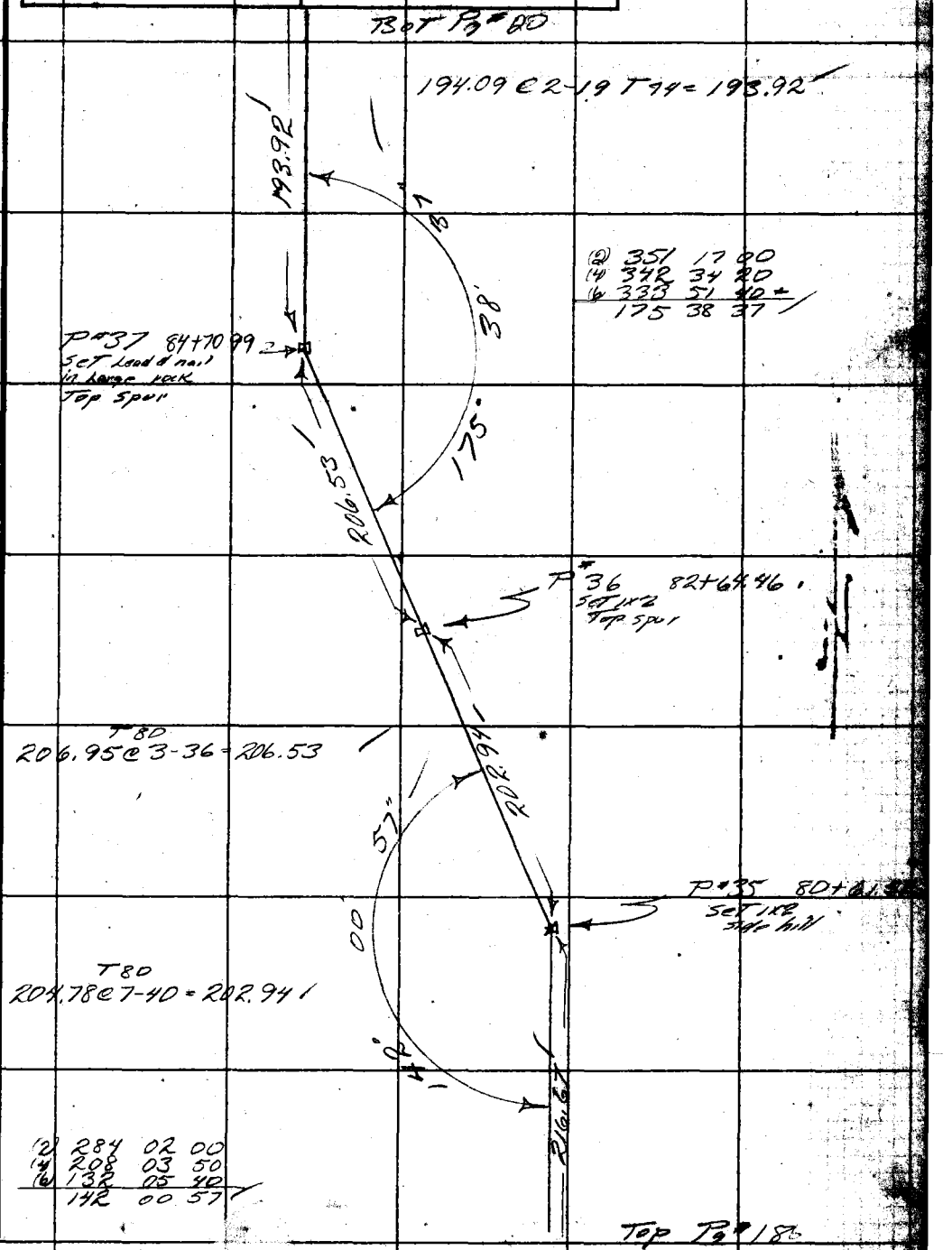
Notes Ck'd by HJA	Survey of Trancas Cyn Rd	F. B. 2338 Pg. 19
Map No.	JN 0074.36 Tape 124 Std 84 °F	
Office Work	Surveyed by W. S. Cowhead	
Checked	Notes W.S.C. Date 7-15-57	
Date	Indexed C. Johnson	



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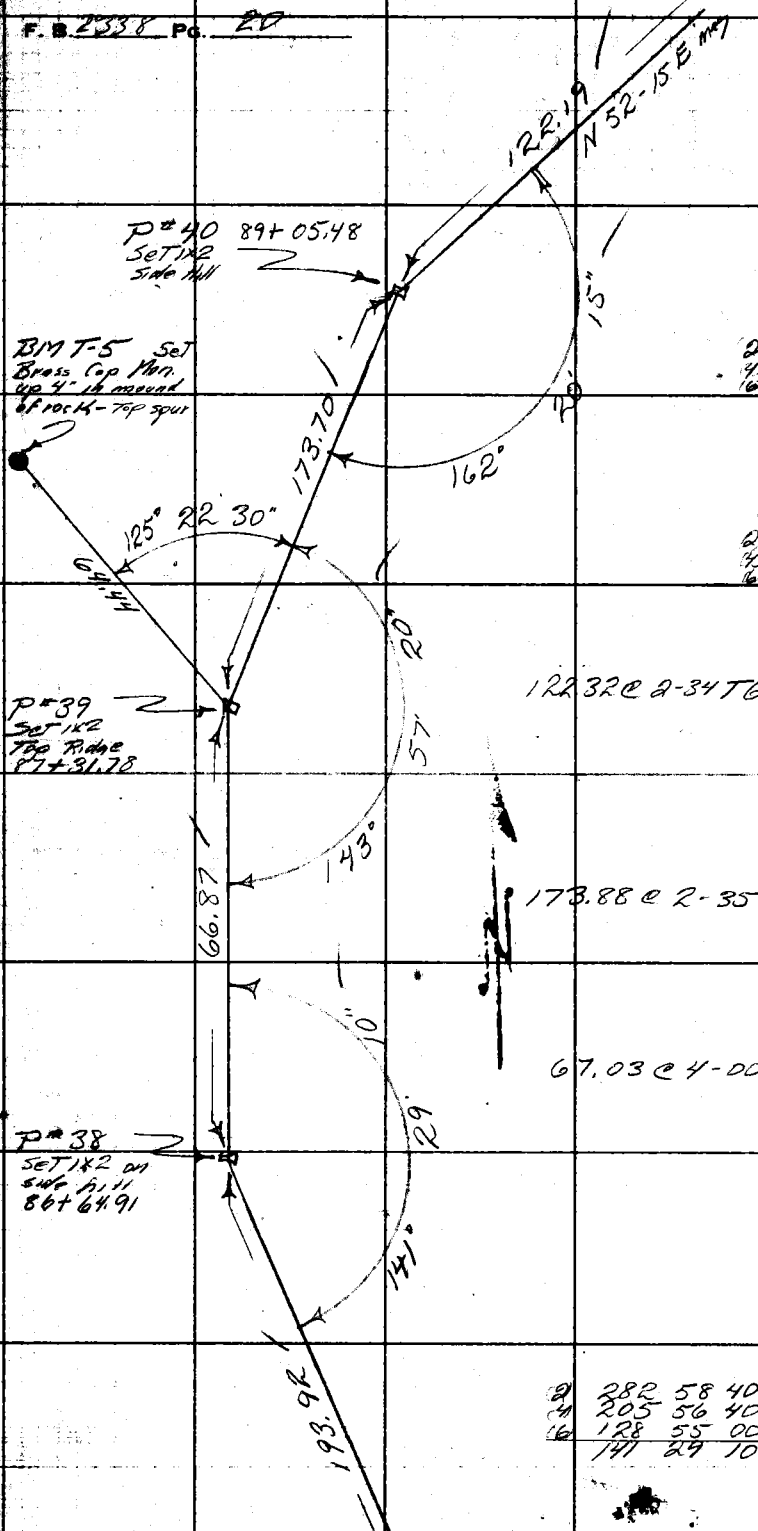
76F3095 S&E #247 1-56

F. B. 2338 Pg. 20

Bot Pg # 21



2	324	40	20
4	289	21	00
6	254	01	30
	162	20	15

2	287	55	00
4	215	49	20
6	143	44	00
	143	37	20

122.32 @ 2-34 T 68 = 122.19

173.88 @ 2-35 T 84 = 173.70

67.03 @ 4-00 T 74 = 66.87

2	282	58	40
4	205	56	40
6	128	55	00
	141	29	10

Top Pg # 19

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Notes Ck'd by HJA	Survey of Trancas Lyn Rd
Map No.	JN 0074.36 Tape 124 Std 84 °F
Office Work	Surveyed by W. S. Goodhead
Checked	Notes W.S.C Date 7-15-57
Date	Indexed C. Johnson

F. B. 2338 PG. 21

Bot. Pg # 22

(2) 338 44 10
(4) 317 28 10
(6) 296 12 20
169 22 03

217.84

22' 03"

169°

P # 43 96+42.86
Set 1x2
Top spur

To P # 50
see pg # 24

463.89

07"

62° 14' 47"

50'

P # 42 91+78.91
Set 1x2
Side hill

(2) 124 29 20
(4) 248 59 00
(6) 13 28 40
62 14 47

171°

(2) 343 40 20
(4) 327 20 20
(6) 311 00 40
171 50 07

151.30

217.92 @ 1-21 T72 = 217.84

P # 41 90+27.62
Set 1x2
Side hill

26.28 @ 10-48 T72 = 25.81
286.26 @ 9-41 T72 = 282.16
156.89 @ 6-20 T70 = 155.92
463.89

151.49 @ 2-45 T68 = 151.30

122.19

Top Pg # 20

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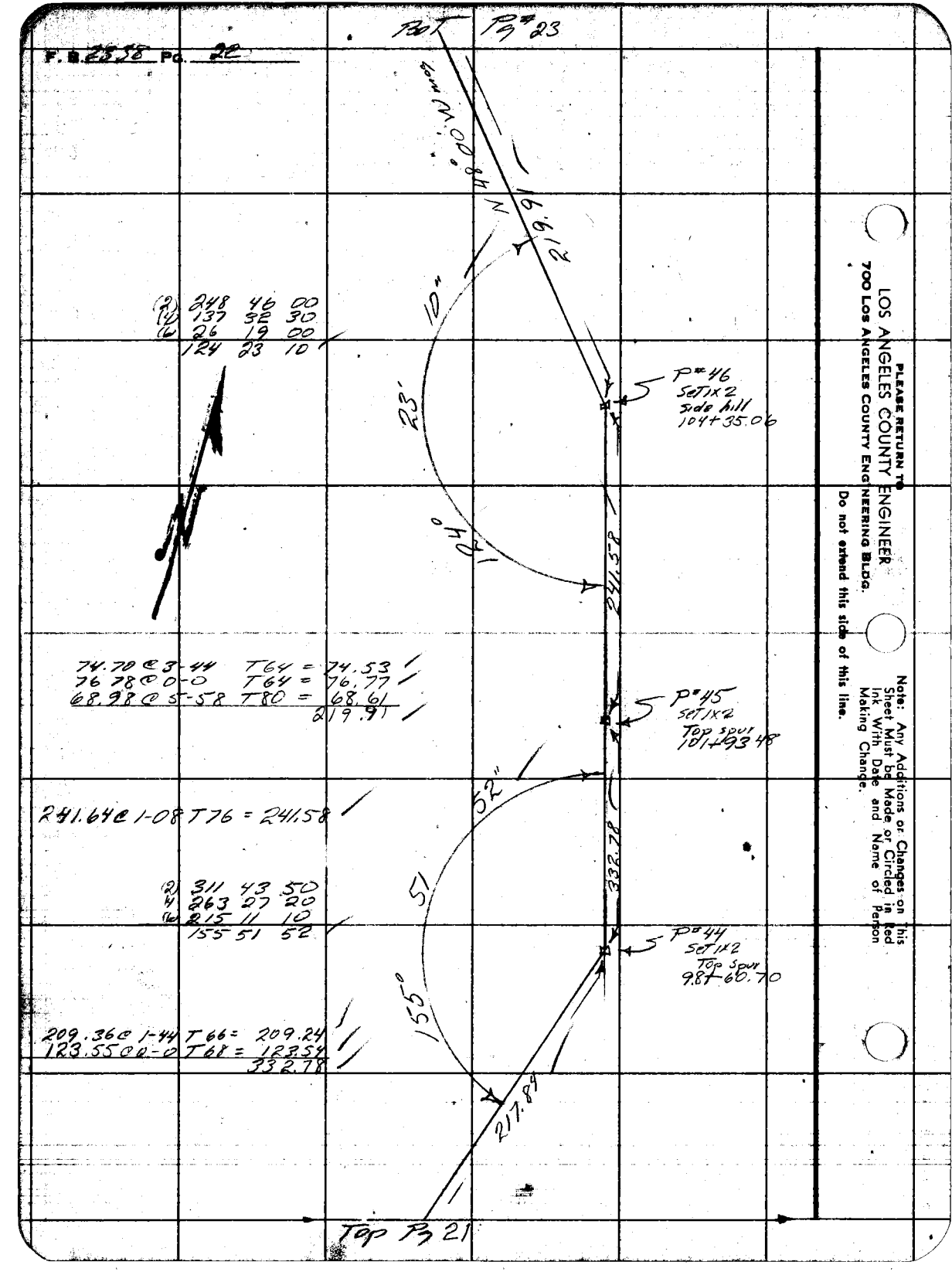
76F309B S&E #247 1-56

F. B. 2558 Pg. 22



(2) 248 46 00
(4) 137 32 30
(6) 26 19 00
124 23 10

74.70 @ 3-44 T64 = 74.53
76.78 @ 0-0 T64 = 76.77
68.98 @ 5-58 T80 = 68.61
219.91

R 241.64 @ 1-08 T76 = 241.58

(2) 311 43 50
(4) 263 27 20
(6) 215 11 10
155 51 52

209.36 @ 1-44 T66 = 209.24
123.55 @ 0-0 T68 = 123.54
332.78

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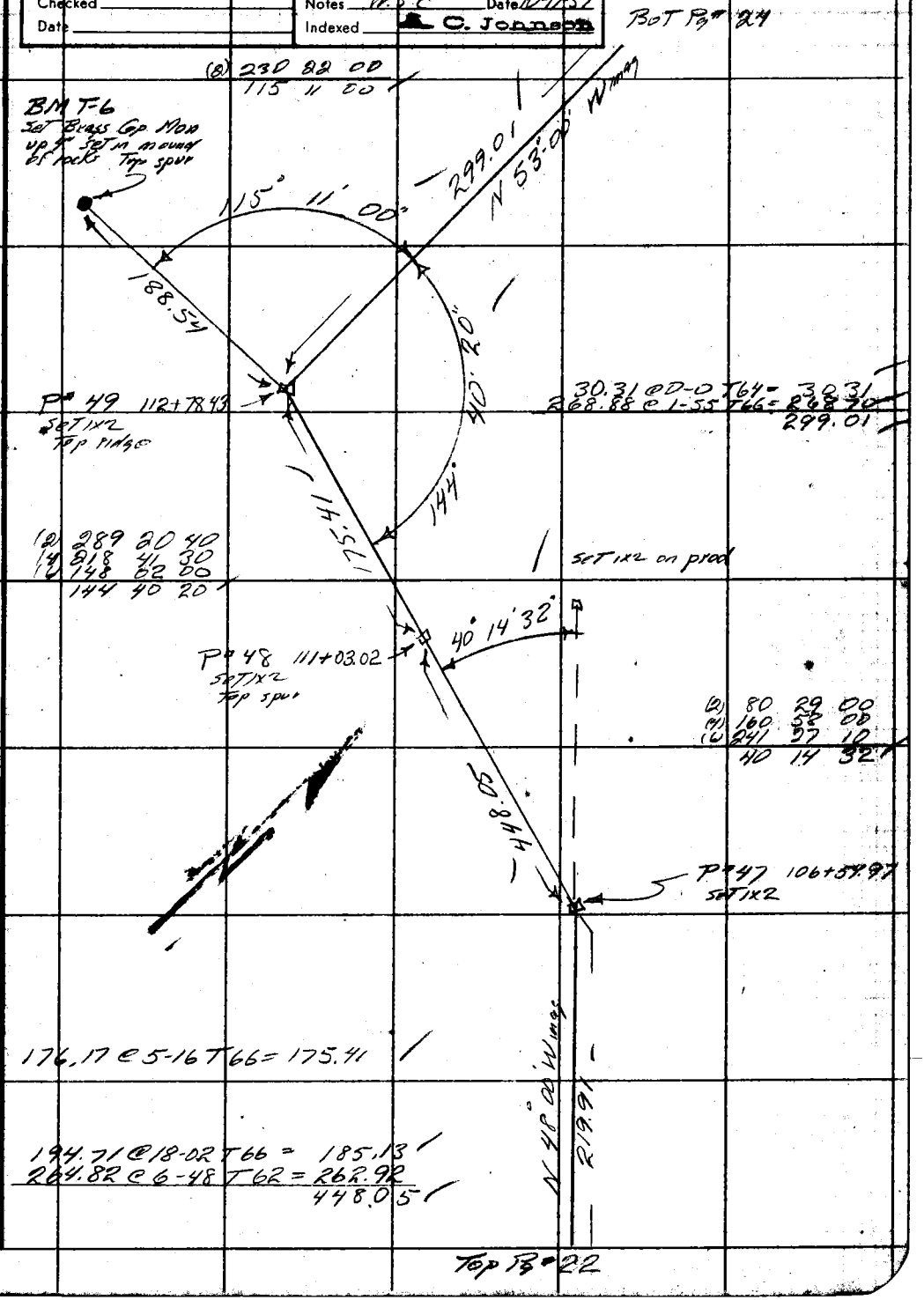
Notes Ck'd by HJA	Survey of Frances Cyn Rd
Map No.	JN 0074.36 Tape Std 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W.S.C. Date 10-17-57
Date	Indexed C. Johnson

F. B. 2338 Pg. 23



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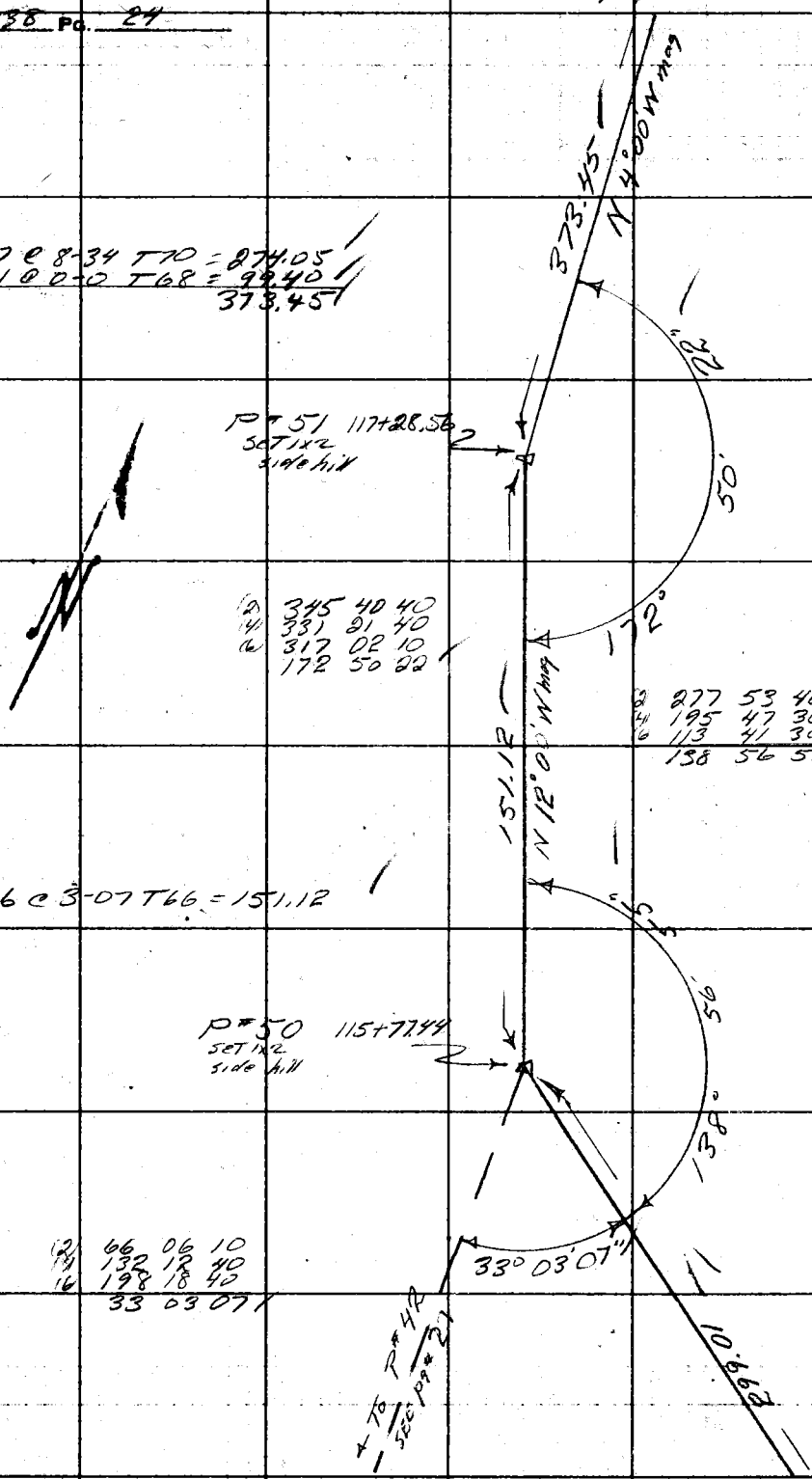
76F309S S&E #247 1-58

F.B. 2338 Pg. 24

BOT Pg #25



277.17 @ 8-34 T70 = 274.05
99.41 @ 0-0 T68 = 99.40
373.45

P#51 117+28.56
SET 1x2
side hill

(2) 345 40 40
(4) 331 21 40
(6) 317 02 10
172 50 22

(2) 277 53 40
(4) 195 47 30
(6) 113 41 30
138 56 55

151.36 @ 3-07 T66 = 151.12

P#50 115+77.44
SET 1x2
side hill

(2) 66 06 10
(4) 132 12 40
(6) 198 18 40
33 03 07

TO P#42
SEE pg #27

TOP Pg #23

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

Survey of Trancas Cyn. Rd
JN 2074.36 Tape 184 Std 84 °F
Surveyed by W. S. Cowherd
Notes W.S.C. Date 10-21-57
Indexed C. Jonnson

F. B. 2338 Pg. 25

BOT Pg # 26

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478.21

P # 54 125+67.12
Set 1x2
Top spur

298.56 @ 4-52 T74 = 297.46
181.03 @ 3-04 T68 = 180.75
478.21

181.03 @ 3-04 T68 = 180.75

393.96

286.65 @ 13-03 T66 = 196.42
199.17 @ 5-17 T70 = 197.54
393.96

Sta T.C. # 9
see pg #

P # 53 121+73.14
Set 1x2
Top spur N. side

51° 43' 25"
36° 32' 42"
94° 16' 08"

71.15

P # 52 121+02.01
Set 1x2
Top spur S. side

Sta T.C. # 10
see pg #

.7456 @ 6-02 T68 = 71.15

373.45

(2)	73	05	20	(2)	115	27	00	(2) 188 32 20
(4)	146	10	50	(4)	230	53	40	(4) 17 04 40
(6)	219	16	10	(6)	346	20	30	(6) 205 36 50
	36	32	42		57	43	25	94 16 08

Top Pg # 24

76F3095 SAE #247 1-56

F. B. 2338 Pg. 26

(2) 294 00 40
147 00 20

BM T-7
Set Brass Cap
Man up 2° in
mound of stone
Top spur

~~122.07~~
118.29

P#57 133+09.88
Chisled X on Top
of sandstone
Boulder 1½x2½x8"

124.11 @ 0-0 T84 = 124.11
35.29 @ 0-0 T84 35.29
159.40
122.92 @ 15-47 T84 = 122.07 118.29
106.79 @ 10-02 T70 = 105.15
145.76 @ 3-36 T80 = 145.47

(2) 277 47 40
(4) 195 35 40
(6) 113 23 40
138 53 57

Δ STA T.C. 9
SEE pg# 135

P#56 131+50.48
Set 1x2
Top spur
see pg#

(2) 196 02 40
(4) 32 05 30
(6) 228 08 10
98 01 22

(2) 277 47 40
(4) 195 35 40
(6) 113 23 40
138 53 57

(2) 122 18 00
(4) 244 36 00
(6) 06 54 10
61 09 02

(2) 73 44 20
(4) 147 29 00
(6) 221 13 50
36 52 18

P#55 130+45.33
Set 1x2
Side spur

Δ STA T.C. 10
SEE pg# 135

Top Pg# 25

Bot Pg# 27

147° 00' 20"
145.47
57
53
138
159.40
36°
52' 18"
98°
01' 22"
61° 09' 02"
105.15
478.21

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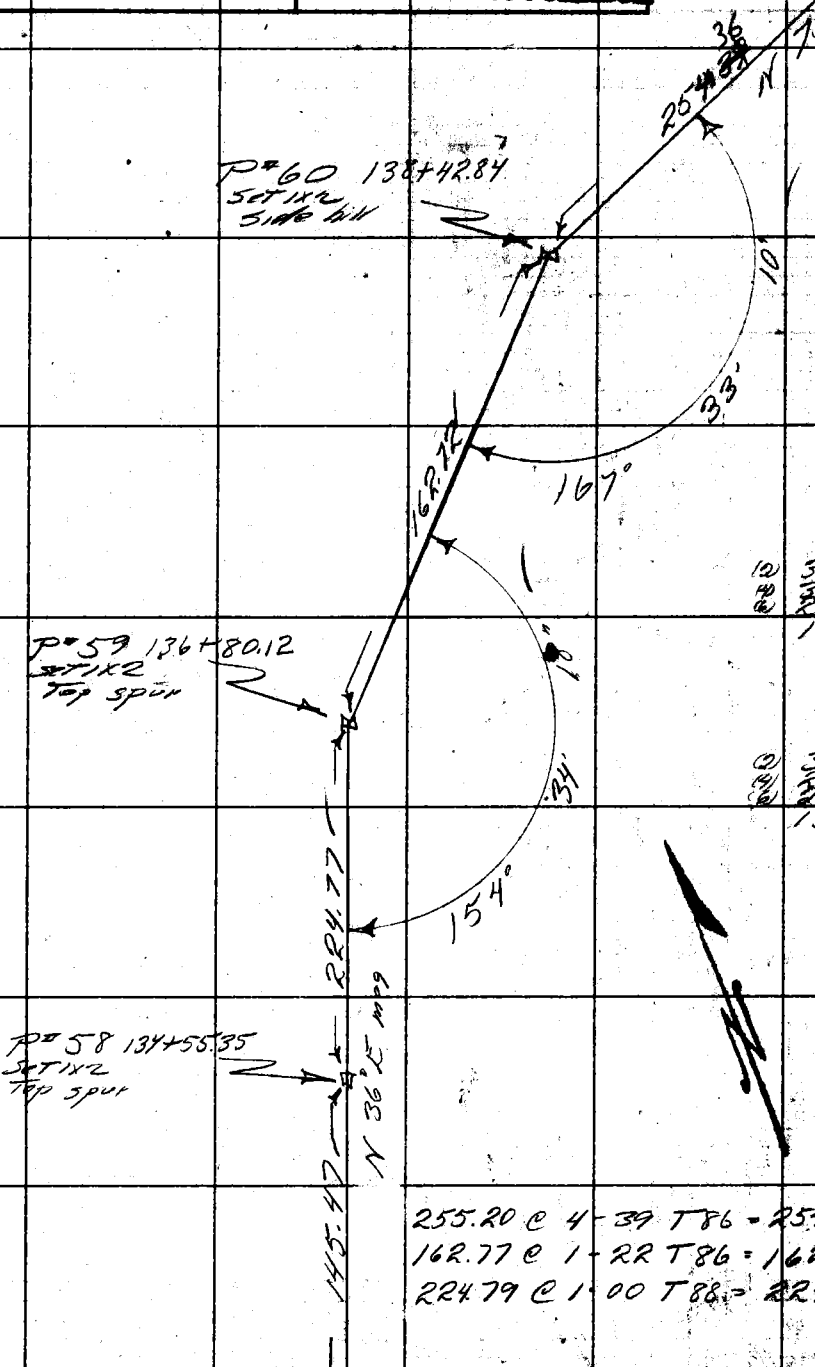
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by HJA	Survey of Trancas Can Rd
Map No.	JN 0074.36 Tape 124 Std 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W.S.C. Date 10-25-57
Date	Indexed C. Johnson

F. B. 2338 Pg. 27

BOT Pg #28



(2) 335 06 30
(4) 310 12 40
(6) 285 19 00
167 33 10

(2) 309 08 40
(4) 258 17 20
(6) 207 25 50
154 34 18

255.20 @ 4-39 T86 = 254.36
162.77 @ 1-22 T86 = 162.72
224.79 @ 1-00 T88 = 224.77

Top Pg #26

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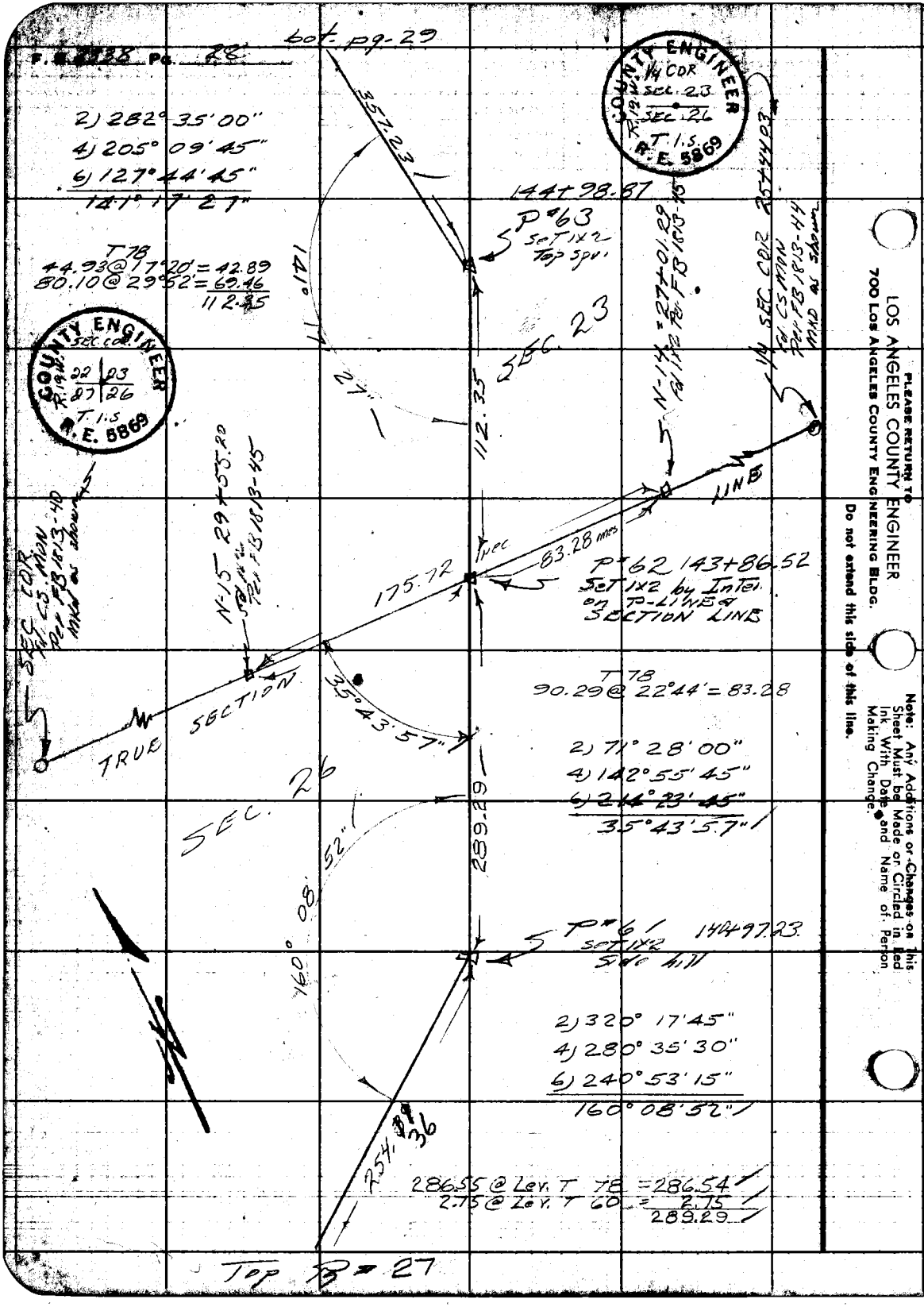
76F3098 S&E #247 1-56


F. B. 2938 Pg. 28
bot. pg-29
2) 282° 35' 00"
4) 205° 09' 45"
6) 127° 44' 45"
141° 17' 27"
357.23
144+98.87
P#63
Set 1x2
Top spur
T 78
44.93@17°20' = 42.89
80.10@29°52' = 69.46
112.35
141° 17' 27"
SEC. 23
112.35
N-14 = 27+01.29
Set 1x2 Per FB 1813-45
1/4 SEC. COR 25+44.03
Fd. CS MON
Per FB 1813-44
MKD as shown
COUNTY ENGINEER
1/4 COR
SEC. 23
SEC. 26
T. 1 S.
R. E. 5869
COUNTY ENGINEER
SEC. COR.
22 23
27 26
T. 1 S.
R. E. 5869
N-15 29+55.20
Set 1x2
Per FB 1813-45
SEC. COR
Fd. CS MON
Per FB 1813-40
MKD as shown
175.72
83.28 mes
P#62 143+86.52
Set 1x2 by Inter.
on P-LINE &
SECTION LINE
LINE
TRUE SECTION
35° 43' 57"
T 78
90.29@22°44' = 83.28
2) 71° 28' 00"
4) 142° 55' 45"
6) 214° 23' 45"
35° 43' 57"
SEC. 26
289.29
160° 08' 52"
P#61 140+97.23
Set 1x2
Side hill
2) 320° 17' 45"
4) 280° 35' 30"
6) 240° 53' 15"
160° 08' 52"
254.36
286.55 @ Lev. T 78 = 286.54
2.75 @ Lev. T 60 = 2.75
289.29
Top B = 27
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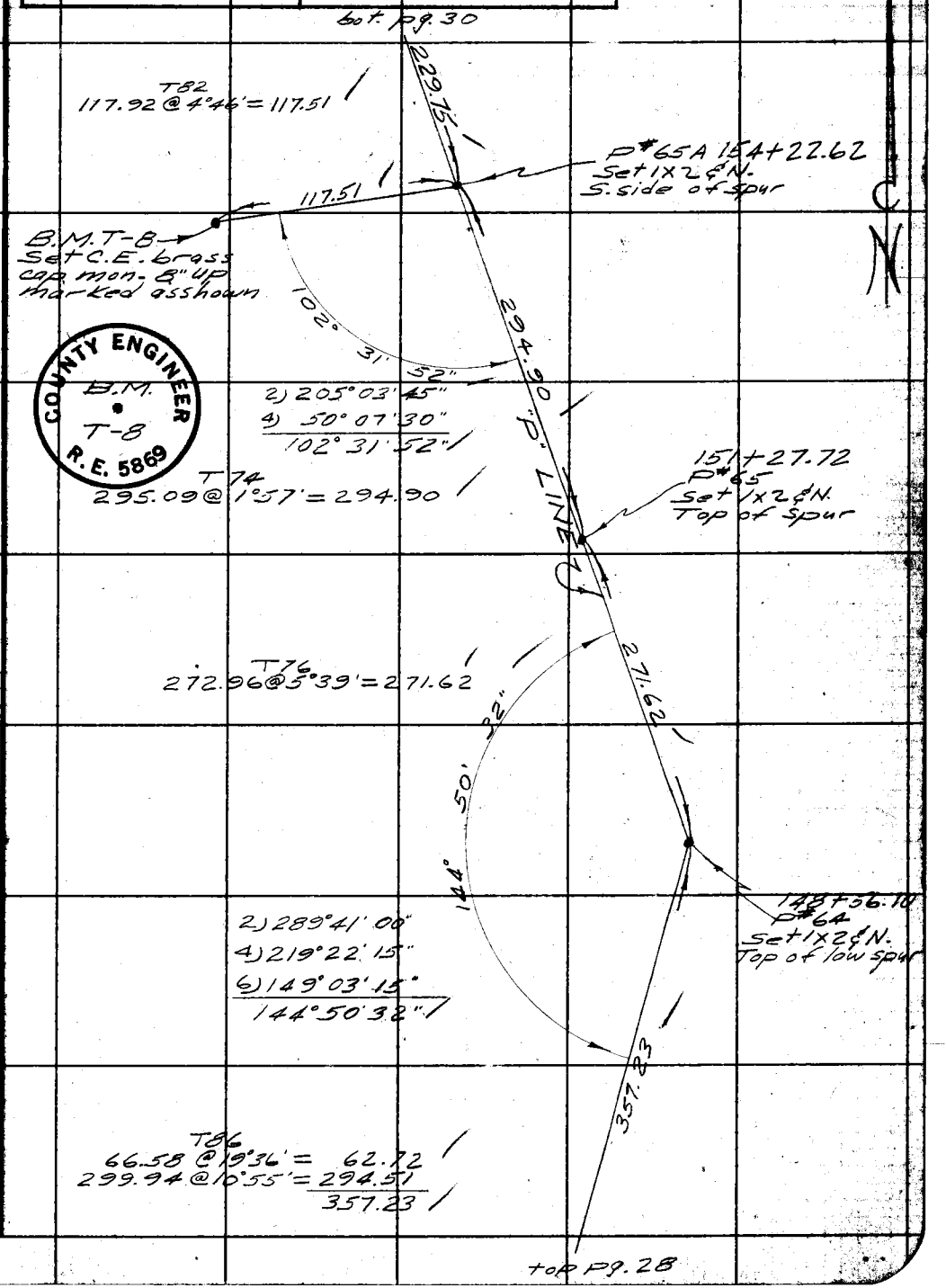
Notes Ck'd by HJA	Survey of Trancas Cñ. Rd.
Map No.	JN 0074.36 Tape 95 Std 84 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 6/18/59
Date	Indexed C. Johnson

F. B. 2338 Pg. 29



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 1-56

F. B. 2338 Pg. 30

T 75
155.38 @ 8°42' = 153.58

153.58

P#68 166+27.83
Set 1x2 ℄N.

T82
124.39 @ 2°47' = 124.24

124.24

P#67 165+03.59
Set 1x2 ℄N.

100.

30.

27"

2) 341°01'00"
4) 322°02'00"
6) 303°02'45"
170°30'27"

851.22 P.T. LINE

T76
282.63 @ Lev. = 282.62

T76
59.30 @ 33°46' = 49.30
T82
235.87 @ 40°25' = 179.58
T90
294.14 @ 14°44' = 284.48
T80
56.50 @ 12°07' = 55.24
851.22

156+52.37
P#66
Set 1x2 ℄N.
Top of Spur

2) 332°20'00"
4) 304°40'15"
6) 277°00'15"
166°10'02"

166° 10' 02"

T82
225.96 @ 17°24' = 215.62
14.13 @ Lev. = 14.13
229.75

229.75

top pg. 29

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Notes Ck'd by H JA	Survey of Trancas Cn. Rd.	F. B. 2338 Pg. 31
Map No.	JN 007436 Tape 95 Std 84 °F	
Office Work	Surveyed by Uharriet	
Checked	Notes Uharriet Date 6-24-59	
Date	Indexed R. C. Johnson	

COUNTY ENGINEER
B.M. T-9
P.E. 5869

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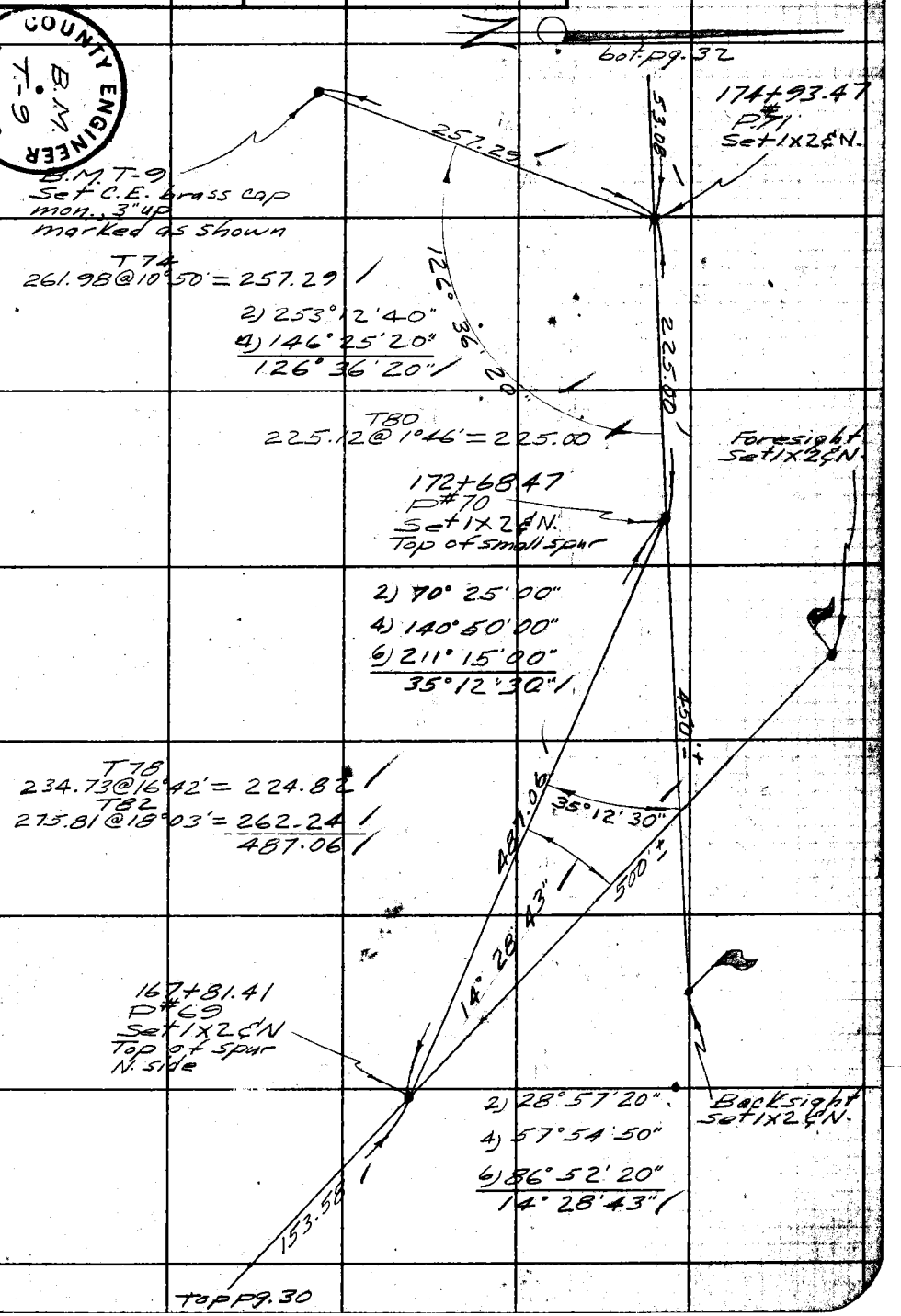
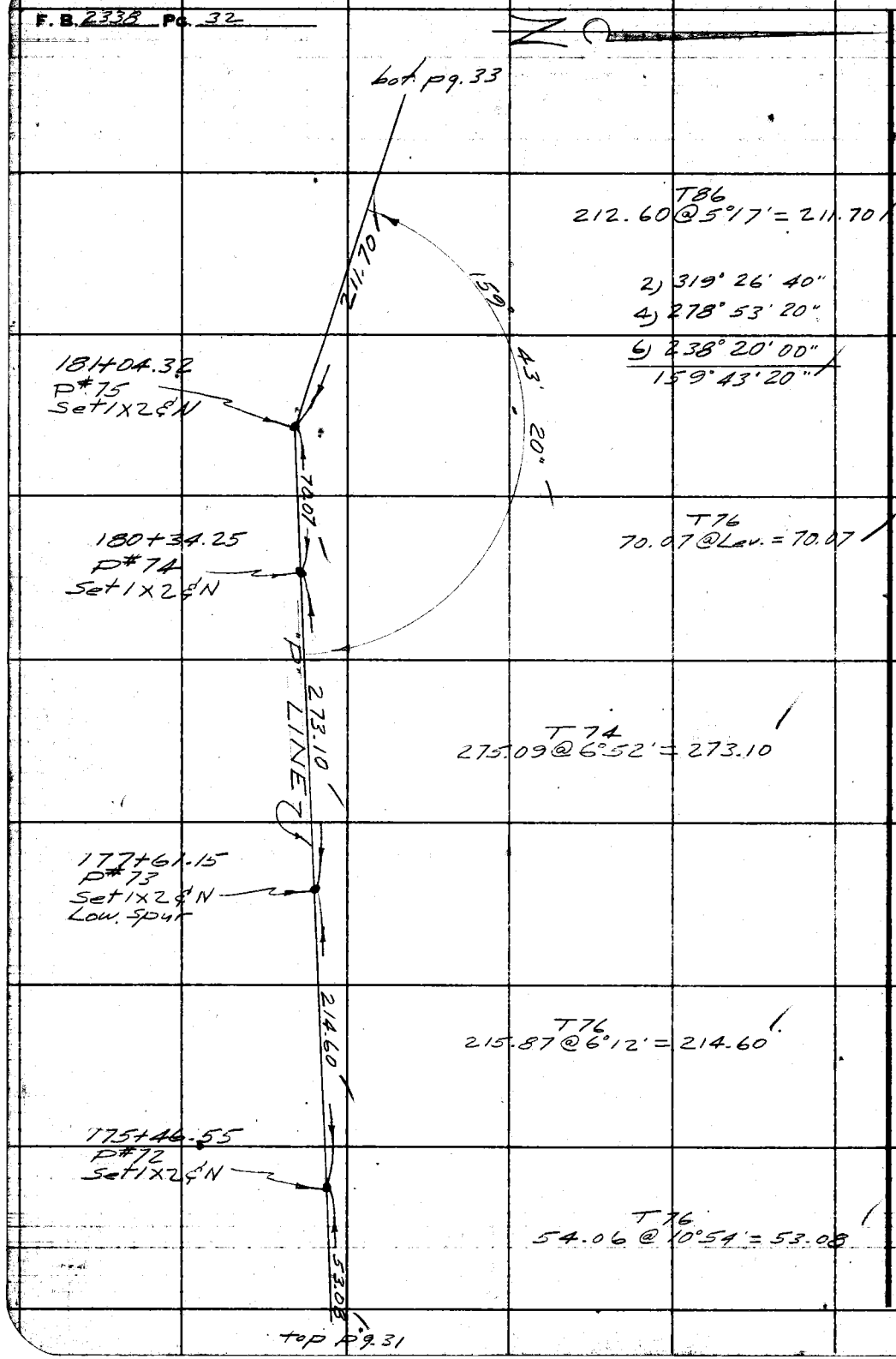


76F3095 S&E #247 1-56

F. B. 2338 PG. 32



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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 HJA
Map No.
Office Work
Checked
Date

Survey of Frances Ct. Rd.
JN 00714.36 Tape 99' Std 84 °F
Surveyed by Uharriet
Notes Uharriet Date 6-25-59
Indexed C. Johnson

F. B. 2338 Pg. 33

2) 67° 08' 30"
4) 134° 17' 00"
6) 201° 25' 30"
33° 34' 15"

T80
127.28 @ 2°20' = 127.17

SEC. 22
T 1 S
R 19 W

189+86.24
P#78
Set 1X2 E/N.
Top of Spur

Bk. 60 Pg. 34

127.17

2) 139° 20' 30"
4) 278° 41' 00"
6) 38° 01' 30"
69° 40' 15"

T78
51.41 @ 4°25' = 51.26

189+34.98
P#77
Set 1X2 E/N.
Top of Spur

"P" LINE

51.26

2) 151° 31' 00"
4) 307° 02' 00"
6) 100° 33' 00"
76° 45' 30"

E-14
Fd. 1X2 E/N.
F.B. 1813-84

A 5

380.57 calc.

E-13
1X2 E/N.
F.B. 1813-84

15"
33° 34' 15"
76° 45' 30"

Transit Line F.B. 1813-84

365.00 F.B. 1813-84

69° 40'

48° 53' 10" F.B. 1813-84

338.33 calc.

186+54.41
Intersection
Set Nothing due to large boulders in area

38"

34'

121°

183+16.02
P#76
Fd. 1X2 E/N.
F.B. 1813-84

SEC. 23

2) 323° 19' 40"
4) 286° 39' 20"
6) 249° 59' 10"
161° 39' 52"

39' 52"

211.70

161°

2) 243° 09' 20"
4) 126° 18' 40"
6) 9° 27' 50"
121° 34' 38"

top pg. 32

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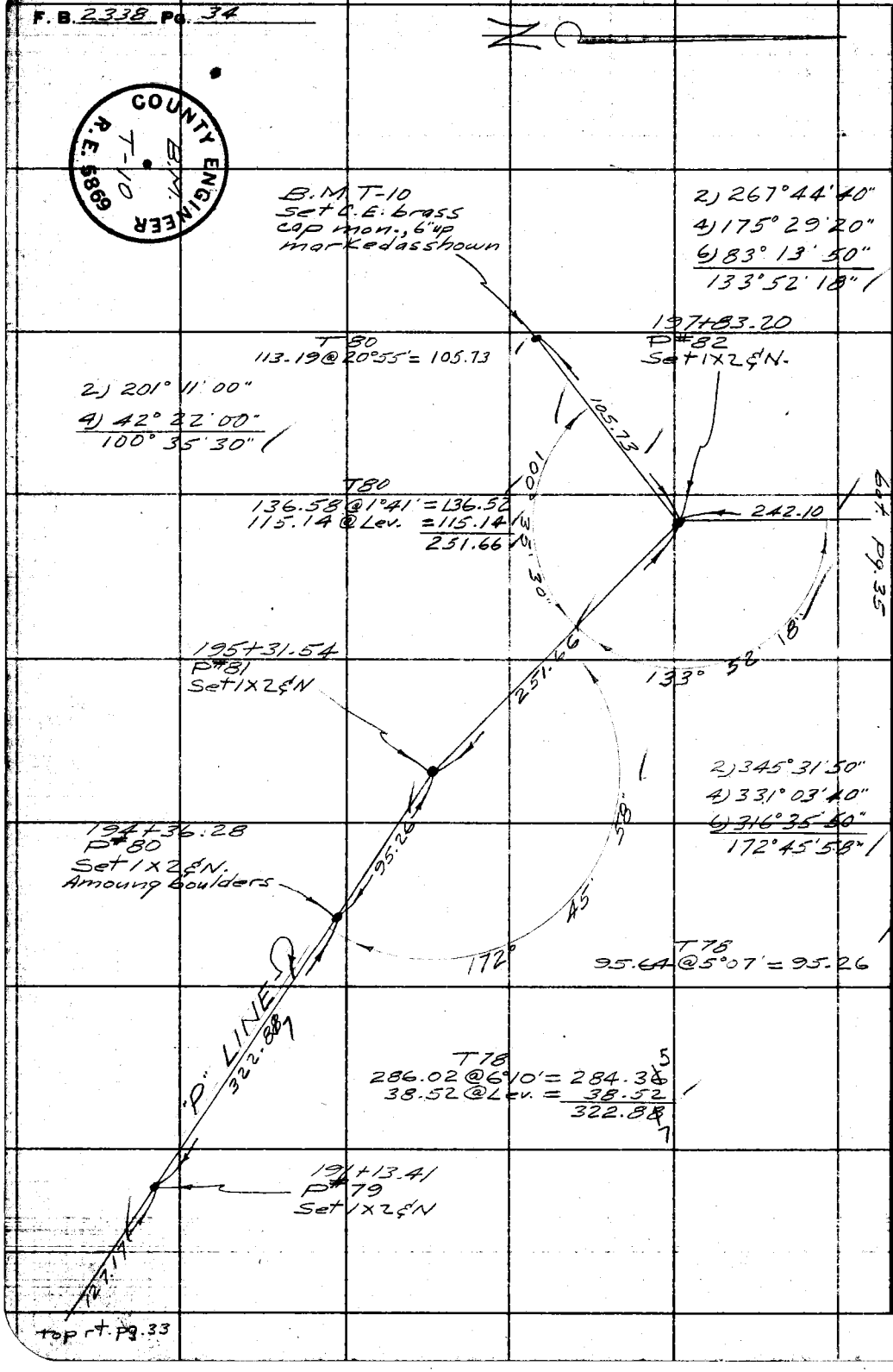
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 SBE #247 1-56

F. B. 2338 Pg. 34



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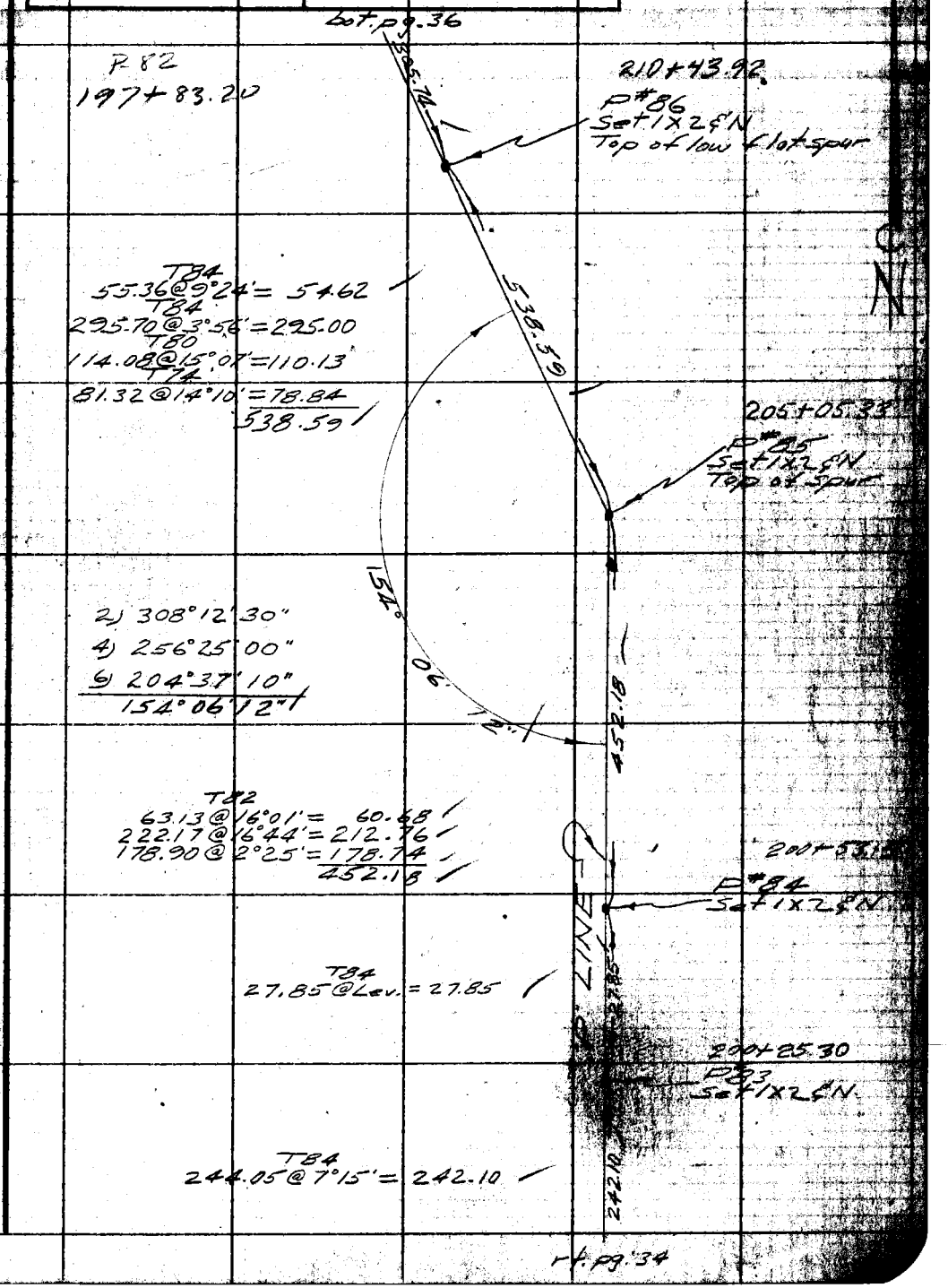
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by AJA	Survey of Trancas Cñ. Rd.
Map No.	JN 0074.36 Tape 95 Std 84 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 6-26-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 35



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

78F3098 S&E #247 1-58

bot. pg. 37

F.B. 2334 Pg. 36

T78
94.04 @ 6°35' = 93.42

2) 263°48' 10"
4) 167°36' 20"
6) 71°24' 30"
131°54' 05"

T80
68.16 @ 4°56' = 67.91

T82
265.44 @ 6°25' = 263.78

2) 299°59' 10"
4) 239°58' 20"
6) 179°57' 20"
149°59' 33"

T82
15.02 @ Lev. = 15.02
289.69 @ 4°26' = 288.82
303.84

2) 310°53' 10"
4) 261°46' 30"
6) 212°39' 40"
165°26' 37"

T86
10.92 @ Lev. = 10.92
300.32 @ 10°59' = 294.82
305.74

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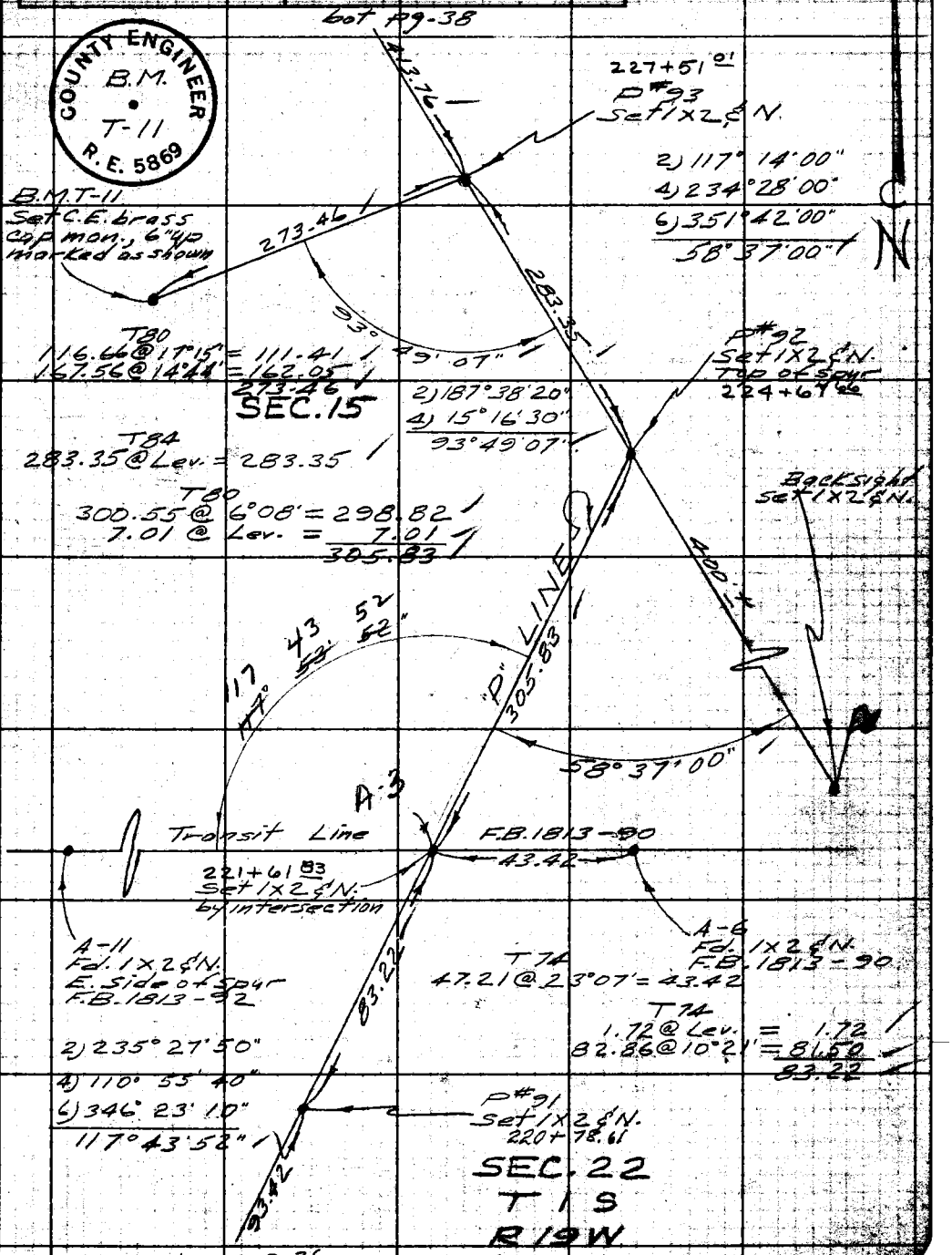
Notes Ck'd by HJA	Survey of Trancas Cn. Rd.
Map No.	IN 0074-36 Tape 25 Std 84 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 7-1-59
Date	Indexed C. Johnson

F. B. 2338 PG. 37



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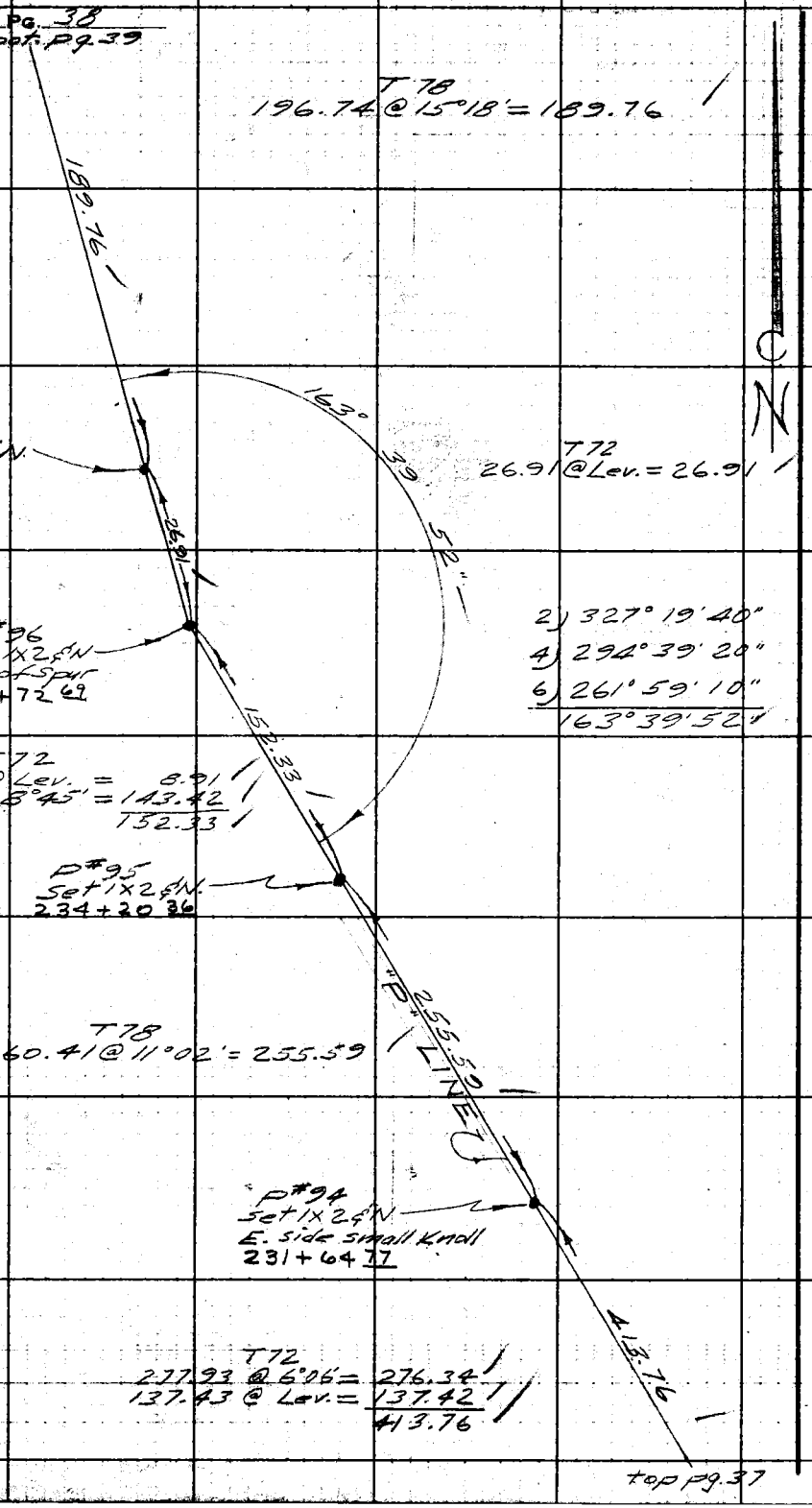
763098 CE #247—7-59

F.B. 2338 Pg. 38
bot. pg. 39



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900 Los Angeles County Engineering Bldg.

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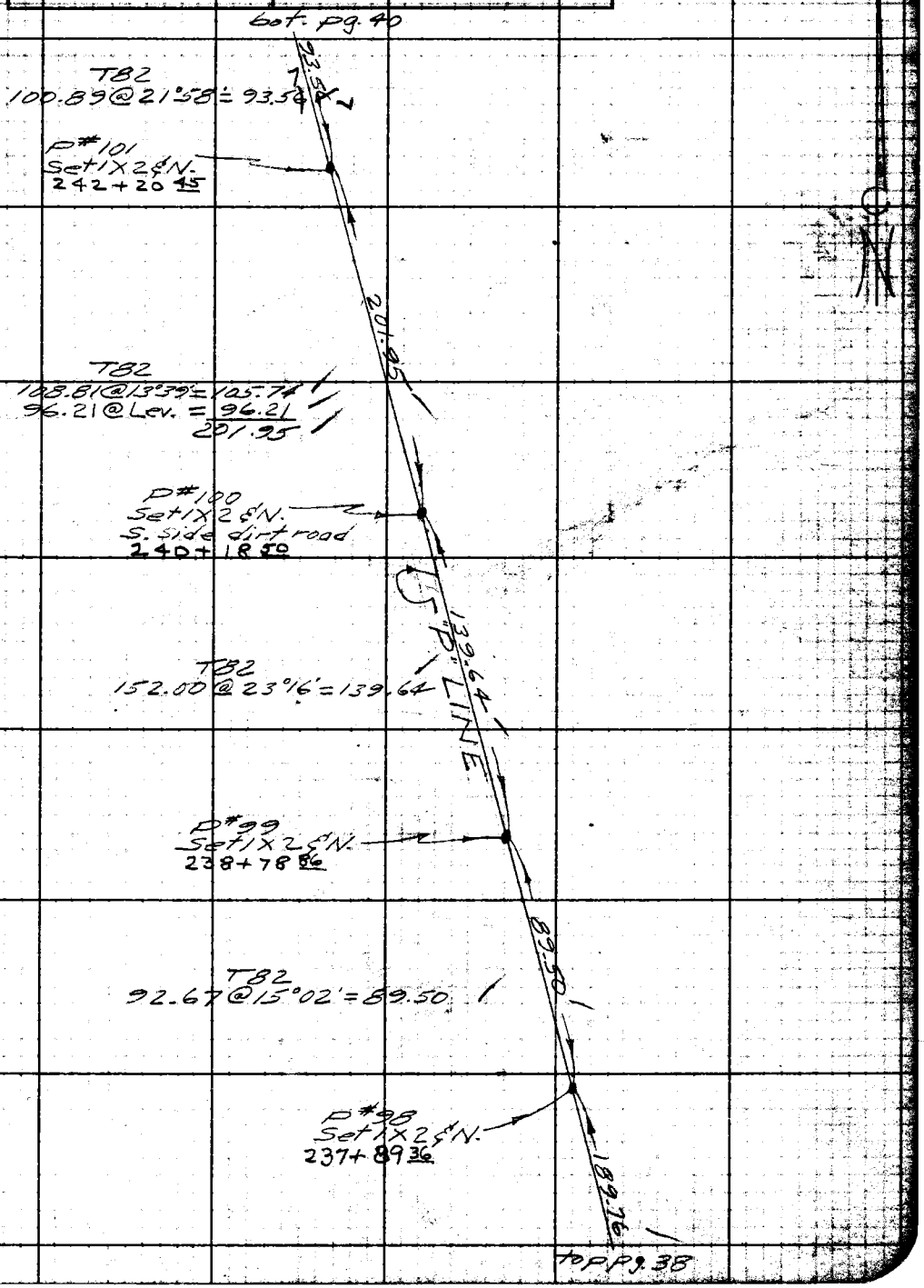
Notes Ck'd by H J A	Survey of Trancas Cñ. Rd
Map No.	IN 0074-36 Tape 25 Std 84 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 7-6-59
Date	Indexed C. Johnson

F. B. 2338 PG. 39



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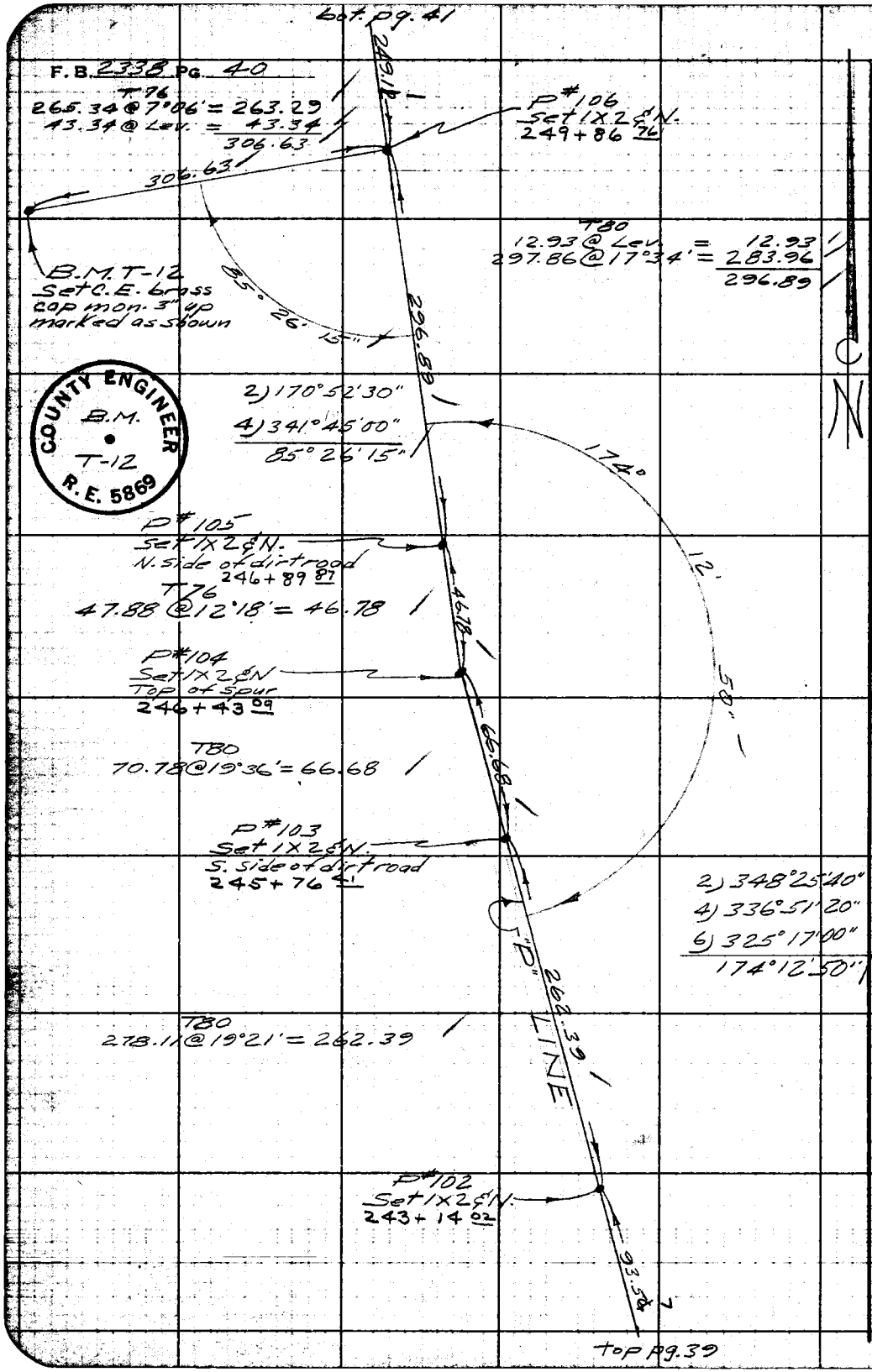
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53



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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Survey of Kanaga Ch. Rd.
JN 00744 Tape 95 Std 84 °F
~~Surveyed by~~ Uharriet
Notes Uharriet Date 7-8-59
Indexed L. C. Johnson

F. B. 2338 Pg. 41

bot. pg. 42

499.04

T86
28.34 @ Lev. = 28.34
84.90 @ 16°05' = 81.58
100.20 @ 24°08' = 91.44
300.09 @ 7°16' = 297.68
499.04

P#109
Set 1X2 E.N.
255+12 04

"D" LINE

193.88

T86
193.99 @ 1°55' = 193.88

P#108
Set 1X2 E.N.
253+18 16

82.29

T86
84.58 @ 13°22' = 82.29

P#107
Set 1X2 E.N.
Top of low spur
252+35 87

249.14

T74
251.70 @ 8°12' = 249.14

top pg. 40

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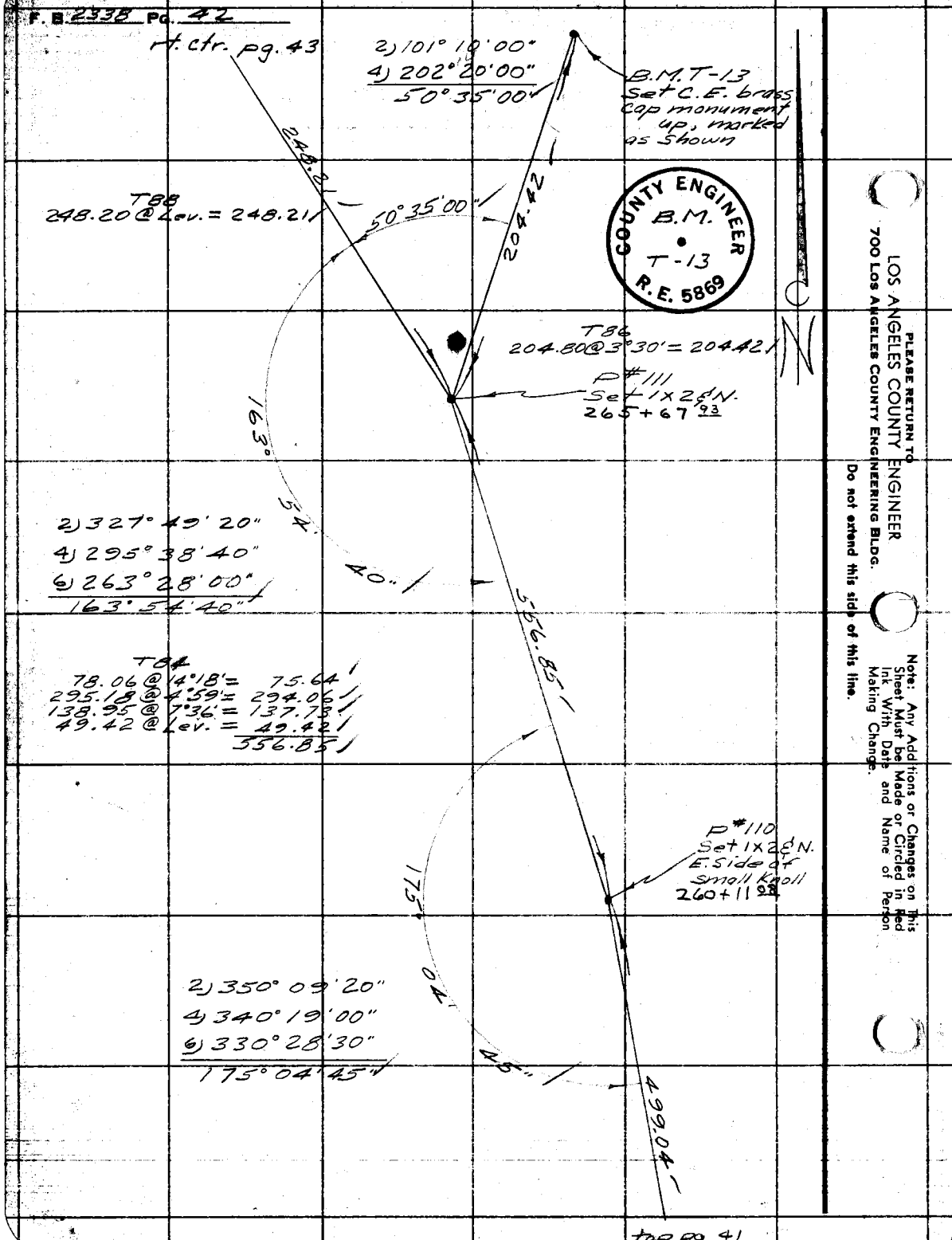
76F308 SAE #242 1-56

F. B. 2938 Pg. 42



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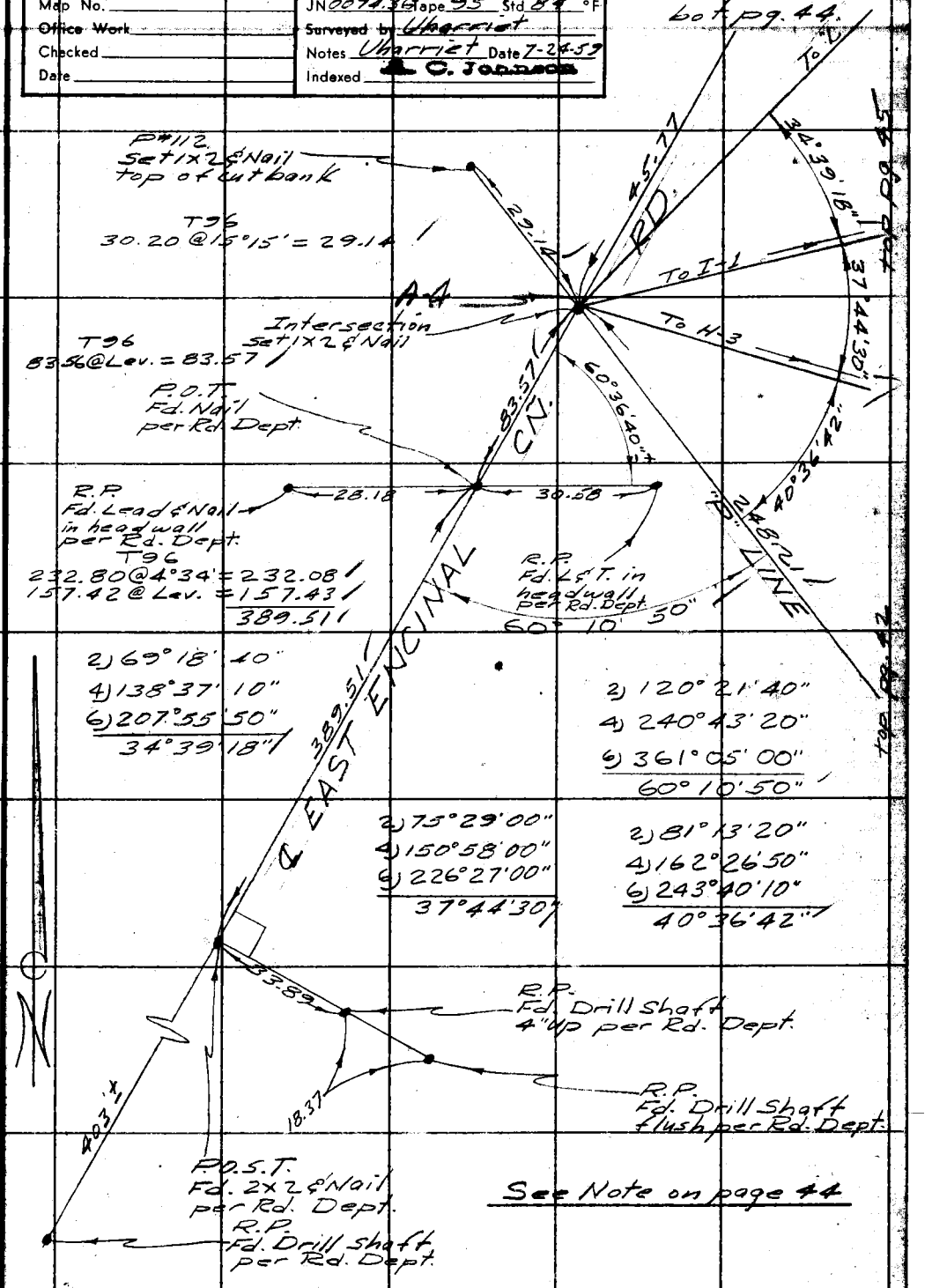
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by HJA	Survey of Trancas Cn. Rd.
Map No.	JN 0074.36 Tape 95 Std 84 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 7-24-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 43

bot pg. 44.



See Note on page 44

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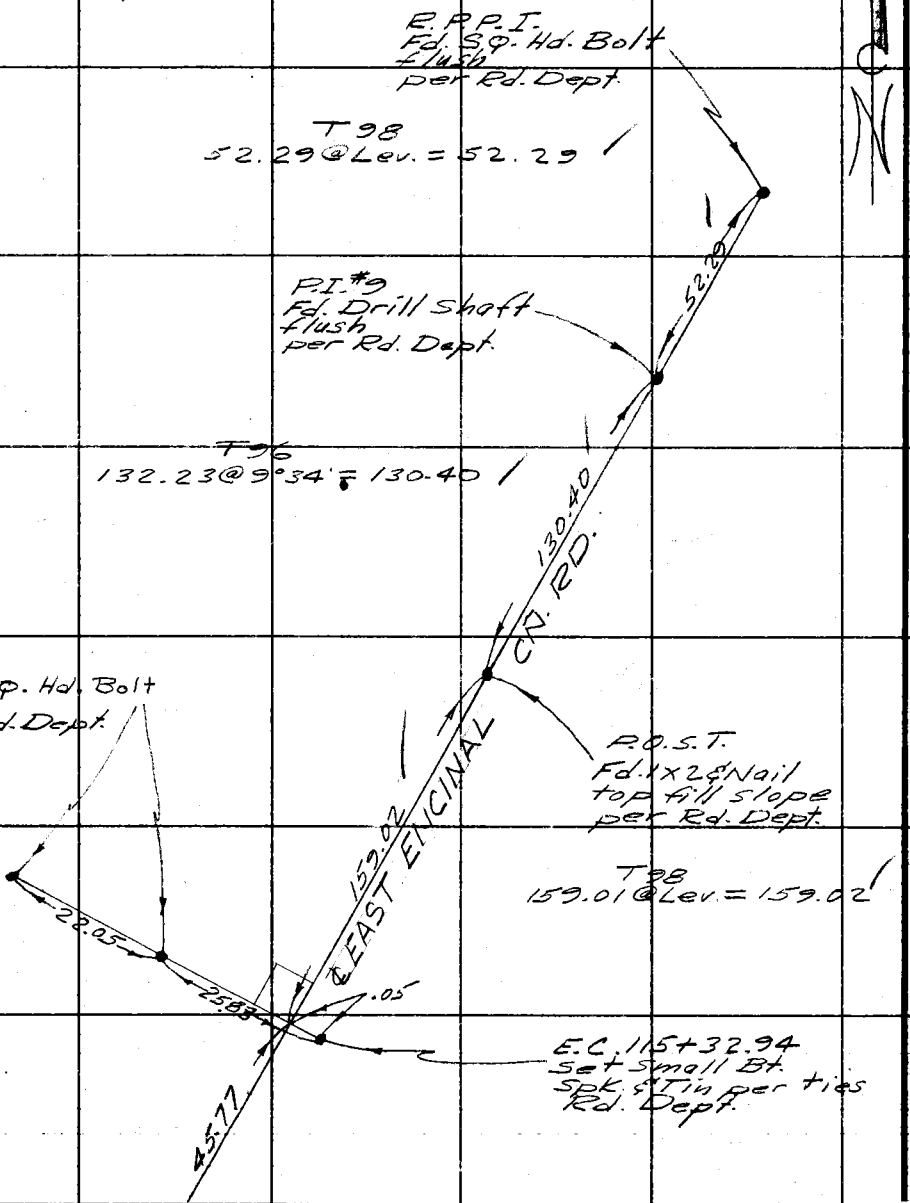
76F309S S&E #247 1-56

F. B. 2338 Pg. 44

NOTE

References "per Rd. Dept." are to a survey currently in progress by the Road Department for construction of East Encinal Cn. Rd. Notes for a portion of that survey were available in the field from the Rd. Dept. surveyor, however no Field Book number or page numbers had been assigned by the Rd. Dept. Hence I am unable make any references to Field Book and page. The original centerline survey is in F.B. 327 (Rd. Dept.).



top pg. 43

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

Survey of Trancas Ct. Rd.
JN 001436 Tape 95 Strip 8A °F
Surveyed by Unharriet
Notes Unharriet Date 7-30-59
Indexed C. Johnson

F. B. 2338 Pg. 45

2) 116° 01' 50"
4) 232° 03' 40"
6) 348° 05' 30"
58° 00' 55"

top rt. pg 43

Sta. "L"
Fd. 3/4" I.P. &
Wooden Plug
F.B. 2289 - 113

58° 00' 55"

2) 99° 10' 40"
4) 198° 21' 10"
6) 297° 31' 40"
49° 35' 17"

52° 40' 30"

2) 105° 21' 00"
4) 210° 42' 00"
6) 316° 03' 00"
52° 40' 30"

49° 35' 17"

50° 55' 42"

41° 44' 32"

34° 39' 17"

2) 69° 18' 40"
4) 138° 37' 10"
6) 207° 55' 40"
34° 39' 17"

Dume Point H-3

2) 101° 51' 30"
4) 203° 42' 50"
6) 305° 34' 10"
50° 55' 42"

2) 83° 29' 10"
4) 166° 58' 10"
6) 250° 27' 10"
41° 44' 32"

Dume Point I-1

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900 Los Angeles County Engineering Bldg.

76808S CE #247 7-58

F. B. 2338 Pg. 47

NOTES RED. JOB NO 0074.36 SURVEY OF TRANCAS CYN RD.
DATE SURVEY BY R.C. WILSON
NOTES CHKD. NOTES BY R.C.W. R.C. Johnson DATE 2-11-59
DATE INDEXED DATE 3-2-59

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
				M.A. WALSH JR. T T.A. DONLEY " R.R. RODRIGUEZ "	R.C. WILSON	TRANCAS CYN ROAD JN 0074.36 BENCH LEVELS TO ESTABLISH ELEVATION ON B.M. T-13 2-11-59 TO 2-24-59

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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PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-383 4-54

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM# 1	1654.564				1654.564	C.S. MON. MARKED ENCINAL BM# 1
	0.565		0.234			15' ± SO. OF WHITE WOODEN GATE
	1655.129	5.042	5.043			TO WHITNEY'S - TOP OF CUT BANK.
	5.607		5.277			100' ± SO. & 40' ± E OF INT. ENCINAL
T.P.	1649.522					CY'N RD. & DECKER RD. F.B. 1437-49
	0.892		0.468			
	1650.414	7.104	7.102			
	7.996		7.570			
T.P.	1642.418					B.S.
	1.400		1.089	1.362		
	1643.818	10.168	10.163	10.167		
	11.568		11.252	11.529		
T.P.	1632.250					B.S.
	0.550		0.323			
	1632.800	10.896	10.897			
	11.446		11.220			
T.P.	1621.354					B.S.
	3.055		3.322			
	1624.409	8.555	8.556			
	11.610		11.878			
T.P.	1612.799					B.S.
	0.939		0.578			
	1613.738	9.901	9.902			
	10.840		10.480			
T.P.	1602.898					B.S.
	0.451		0.262			
	1603.349	10.600	10.600			
	11.051		10.862			
T.P.	1592.298					B.S.

JOB NO. 0074.36 SURVEY OF TRANCAS CY'N RD. NOTES RED.
SURVEY BY R.C. WILSON DATE
NOTES BY R.C.W. DATE 7-11-59 NOTES CHKD. C. R. GOSS
INDEXED C. Johnson DATE DATE

F.B. 2338 PG. 48

765420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO 0071.36 SURVEY OF TRANCAS CYN RD
DATE SURVEY BY R.C. WILSON
NOTES CHKD. R. GOSSNOTES BY R.C.W. DATE 2-11-59
DATE INDEXED C. Johnson DATE

F. B. 2332 PG. 49

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1592.798					B.S.
	0.650		0.449			
	1592.948	-10.593	-10.593			
	11.243		11.042			
T.P.	1581.705					B.S.
	0.851		0.583			
	1582.556	-10.783	-10.285			
	11.134		10.868			
T.P.	1571.422					B.S.
	0.518		0.241			
	1571.940	-10.620	-10.621			
	11.138		10.862			
T.P.	1560.802					B.S.
	0.891		0.639			
	1561.693	-10.384	-10.384			
	11.275		11.023			
T.P.	1550.418					B.S.
	0.607		0.319			
	1551.025	-10.885	-10.886			
	11.492		11.205			
T.P.	1539.533					B.S.
	0.495		0.231			
	1540.028	-10.577	-10.579			
	11.072		10.810			
T.P.	1528.956					B.S.
	0.855		0.481			
	1529.811	-10.541	-10.540			
	11.396		11.021			
T.P.	1518.415					B.S.

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0074.36 SURVEY OF TRANCAS C'YN R.P. NOTES RED.
SURVEY BY R.C. WILSON DATE
NOTES BY R.S.W. DATE 7-17-59 NOTES CHK'D R. COSS
INDEX C. Johnson DATE DATE

F.B. 2338 Pg. 50

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1518.415					B.S.
	0.908		0.592			
	1519.323	-10.357	-10.338			
	11.245		10.930			
T.P.	1508.078					B.S.
	1.010		0.753			
	1509.088	-10.468	-10.468			
	11.478		11.221			
T.P.	1497.610					B.S.
	0.597		0.315			
	1498.207	-10.763	-10.765			
	11.360		11.080			
T.P.	1486.847					B.S.
	1.040		0.691			
	1487.887	-10.240	-10.241			
	11.280		10.932			
T.P.	1476.607					B.S.
	0.795		0.494			
	1477.402	-10.153	-10.153			
	10.948		10.647			
T.P.	1466.454					B.S.
	0.650		0.398			
	1467.104	-10.239	10.240			
	10.889		10.638			
T.P.	1456.215					B.S.
	0.611		0.339			
	1456.826	-10.230	10.230			
	10.841		10.569			
T.P.	1445.985					B.S.

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO 0014.3 SURVEY OF TRANCAS CAN RD.
DATE SURVEY BY R.E. WILSON
NOTES CHKD C. R. GOS NOTES BY R.E.W. DATE 2-17-59
DATE INDEXED C. Johnson DATE

F.B. 23398 PG. 57

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1445.985					B.S.
	0.962		0.559			
	1446.947	-10.057	-10.057			
	11.019		10.616			
T.P.	1435.928					B.S.
	0.857		0.625			
	1436.785	-10.254	-10.255			
	11.111		10.880			
T.P.	1425.674					B.S.
	0.837		0.461			
	1426.511	-10.475	-10.478			
	11.262		10.889			
T.P.	1415.249					B.S.
	0.725		0.424			
	1415.974	-10.454	-10.455			
	11.179		10.879			
T.P.	1404.795					B.S.
	1.039		0.776			
	1405.834	-10.146	10.146			
	11.185		10.922			
T.P.	1394.649					B.S.
	1.289		0.987			
	1395.938	-7.564	-7.566			
	8.853		8.553			
T.P.	1387.085					"K2"
	0.795		0.419			
	1387.880	-10.592	-10.592			
	11.387		11.011			
T.P.	1376.493					B.S.

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Do not extend notes this side of this line

JOB NO. 0074.36 SURVEY OF TRANCAS C'YN RD NOTES RED. DATE
SURVEY BY R.C. WILSON DATE 7-18-59 NOTES CHKD. DATE
NOTES BY R.S.W. DATE
INDEX C. Johnson DATE

F.B. 2336 Pg. 52

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1376.493					B.S.
	0.968		0.610			
	1377.461	-9.924	-9.924			
	10.892		10.534			
T.P.	1366.569					B.S.
	1.000		0.683			
	1367.569	-10.047	-10.046			
	11.047		10.729			
T.P.	1356.522					B.S.
	1.291		1.019			
	1357.813	-9.301	-9.300			
	10.592		10.319			
T.P.	1347.221					B.S.
	0.866		0.599			
	1348.087	-10.217	-10.217			
	11.083		10.816			
T.P.	1337.004					B.S.
	1.000		0.722			
	1338.004	-9.471	-9.470			
	10.471		10.192			
T.P.	1327.533					B.S.
	2.580		2.801			
	1330.113	-3.592	-3.591			
	6.172		6.392			
T.B.M.	1323.941					L.&T. IN FIELD STONE RET. WALL 23'± E. & 15'± N. OF N.E. COR. OF MESS HALL @ RD. CAMP №3- SO. SIDE EAST ENCINAL CY'N RD. & 0.9± MILE EAST OF INT OF ENCINAL CY'N RD. & EAST ENCINAL CY'N RD.
	7.759		7.440			
	1331.700	+6.261	+6.260			
	1.498		1.180			
T.P.	1330.202					

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NOTES RED. JOB NO. 0074.36 SURVEY OF TRANCAS CYN. RD.
DATE SURVEY BY R.C. WILSON
NOTES CHKD. C. R. GOS NOTES BY R.C.W. DATE 7-18-59
DATE INDEXED C. JOHNSON DATE

F. B. 2339 PG. 53

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1330.202					B.S.
	9.190		9.330			
	1339.392	+5.873	+5.874			
	3.317		3.456			
T.P.	1336.075					B.S.
	9.528		9.305			
	1345.603	+6.275	+6.273			
	3.253		3.032			
T.P.	1342.350					B.S.
	11.030		11.249			
	1353.380	+10.368	+10.367			
	0.662		0.882			
T.P.	1352.718					B.S.
	11.216		11.440			
	1363.934	+10.729	+10.729			
	0.481		0.711			
T.P.	1363.447					B.S.
	10.579		10.371			
	1374.026	+9.498	+9.498			
	1.081		0.813			
T.P.	1372.945					B.S.
	10.835		11.045			
	1383.780	+10.400	+10.399			
	0.435		0.646			
T.P.	1383.345					B.S.
	10.610		10.262			
	1393.955	+9.815	+9.813			
	0.795		0.449			
T.P.	1393.160					B.S.

JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD. NOTES RED.
SURVEY BY R.C. WILSON DATE
NOTES BY R.C.W. DATE 2-18-59 NOTES CHKD. C. R. GOSS
INDEXED C. Johnson DATE DATE

F.B. 2338 PG. 54

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1393.160					B.S.
	8.792		8.602			
	1401.952	+2.152	+2.153			
	6.640		6.449			
T.P.	1395.312					1"x2"
	3.009		2.691			
	1398.321	-6.024	-6.027			
	9.033		8.718			
T.P.	1389.288					1"x2"
	4.223		3.889			
	1393.511	+0.629	+0.628			
	3.594		3.261			
T.P.	1389.917					TOP 3'x3'x2' BOULDER
	1.425		1.712			
	1391.342	-9.544	-9.546			
	10.969		11.258			
T.P.	1380.373					1"x1"
	0.643		0.374			
	1381.016	-10.099	-10.099			
	10.742		10.473			
T.P.	1370.274					1"x1"
	0.809		0.608			
	1371.083	-10.011	-10.011			
	10.820		10.619			
T.P.	1360.263					1"x1"
	2.097		2.277			
	1362.360	-5.658	-5.658			
	7.755		7.935			
T.P.	1354.605					1"x1"

NOTES RED _____ JOB NO. 0074.36 SURVEY OF Trancas Cn. Rd.
DATE _____ SURVEY BY R.C. Dale
NOTES CHKD. R. GOSS NOTES BY R.C.D. C. Johnson DATE 10-21-57
DATE _____ INDEXED _____ DATE _____

F. B 2338 PG. 65

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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725 LOS ANGELES COUNTY ENGINEERING BLDG.

76842O S & E-353 4-54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						TRANCAS CANYON ROAD
						JN 0074.36
						BENCH LEVELS
					North over "P" Line to establish elevations.	
					From BMT-1 to BMT 13	
			REF.			
			FB			

PARTY
R.C. Dale
C.H. Morrison
A.W. Freeman
B.A. Peavy

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 8074.36 SURVEY OF Kansas Co. Rd. NOTES RED. DATE
SURVEY BY TPC Dale
NOTES BY RCD DATE 10-21-52 NOTES CHKD. R. GOSS DATE
INDEXED C. Johnson DATE

F. B2338 Pg. 66

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM T-1	15.813					BM T-1 Elev.=15.813 (Assumed Elev.) FB Std CE BM. Brass Cap Monument Set in Conc. 23'± North 100'± West of P#2 on Kansas Line N. Side State Hwy 225'± E. Frances Creek FB 1813-128
	4.033		3.992			
	19.846	-0.488	-0.490			
	4.521		4.482			
P#1	15.325					P#1 Fd Spk. in E. T. Flush. Intersection State Hwy. & Start of P Line FB 2338-9
	4.413		4.279			
	19.738	-0.595	-0.695			
	5.008		4.874			
P#2	14.730					P#2 Fd. Spk & T N. edge Macadam State Hwy Rev. FB 2338-10
	3.391		3.249			
	18.121	+1.817	+1.817			
	1.574		1.432			
P#3	16.547					P#3 Fd 1x2 @ N. Side Hwy Rev FB 2338-10
	11.456		11.682			
	28.003	+11.256	+11.256			
	0.200		0.426			
T.P.	27.803					1 x 1
	11.697		11.790			
	39.500	+10.978	+10.978			
	0.719		0.812			
T.P.	38.781					1 x 1
	11.008		10.831			
	49.789	+9.871	+9.871			
	1.137		0.960			
P#4	48.652					P#4 Fd 1x2 @ N. Top, S. Side Spur FB 2338-10
	6.905		6.671	6.591		
	55.557	+1.357	+1.360	+1.356		
	5.548		5.311	5.235		
P#5	50.009					P#5 Fd 1x2 @ N. Top, N. Side Spur FB 2338-10

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	50.009					
	1117		0.898			
	51126	-10.214	-10.215			
	11331		11.113			
T.P.	39.795					1x1
	11.729		11.529	11.413		
	51.524	+10.720	+10.710	+10.718		
	1.009		0.819	0.695		
T.P.	50.515					1x1
	11.255		11.058			
	61.770	+10.473	+10.471			
	0.782		0.587			
T.P.	60.988					1x1
	11.358		11.642			
	72346	+10.518	+10.518			
	0.840		1.124			
T.P	71.506					1x1
	11.449		11.290			
	82.955	+10.751	+10.752			
	0.698		0.538			
T.P	82.257					1x1
	11.325		11.045			
	93.582	+10.343	+10.341			
	0.982		0.704			
T.P.	92.600					1x1
	9.351		9.167			
	101.951	+7.998	+7.998			
	1.353		1.169			
P#6	100.598					P#6 Fd 1x2 & N S Side Spur FB 2338-11

NOTES RED. JOB NO. 0074.36 SURVEY OF Trancas Cr Rd.
DATE SURVEY BY R.C. Dale
NOTES CHKD. C. R. GOSS NOTES BY R.C.D. DATE 10-21-57
DATE INDEXED. S. C. Johnson DATE

F.B. 2338 PG. 67

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	100.598					
	10.611		10.731			
	111.209	+8.053	+8.050			
	2.558		2.681			
T.P.	108.651					1X1
	10.887		11.179			
	119.538	+10.173	+10.173			
	0.714		1.006			
T.P.	118.824					1X1
	11.275		11.528			
	130.099	+10.055	+10.055			
	1.220		1.473			
T.P.	128.379					1X1
	11.020		11.204			
	139.899	+10.350	+10.350			
	0.670		0.854			
T.P.	139.229					1X1
	11.202		11.393			
	150.431	+9.463	+9.463			
	1.739		1.930			
T.P.	148.692					1X1
	5.884		5.625			
	154.576	+4.089	+4.089			
	1.795		1.536			
P#7	152.781					P#7 Fd 1X2 8N S.Slope Low Spur FB 2338-11
	11.445		11.201			
	164.226	+10.112	+10.110			
	1.333		1.091			
T.P.	162.893					1X1

JOB NO. 0074 36 SURVEY OF Trancas Cr. Rdg. NOTES RED. DATE C. R. GOSS
SURVEY BY R.C. Dale NOTES CHKD
NOTES BY R.C.D. DATE 10-22-57 DATE
INDEXED C. Johnson DATE

F. B. 2338 PG. 68

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	162.893					
	11.252		11.579			
	174.145	+10.575	+10.576			
	0.677		1.003			
T.P.	173.468					1x1
	11.394		11.649			
	184.862	+10.583	+10.583			
	0.811		1.066			
P#8	184.051					P#8 Fd 3/4" I.P. Conc Plug & C.E. Brass Tag
	11.188		10.955			Top Low Flat Spur Per FB 2338-11
	195.239	+8.329	+8.327			
	2.859		2.628			
P#9	192.380					P#9 Fd 1x2 & N N. Side Spur Per FB 2338-11
	1.891		2.153			
	194.271	-9.512	-9.514			
	11.403		11.667			
T.P.	182.868					1x1
	2.167		2.336			
	185.035	-7.809	-7.810			
	9.976		10.146			
BM T-2	175.059					B.M. T-2 Fd Std. C.E. B.M. Brass Cap
	9.787		9.988			Mon Set in Conc. up 4", 211.18 N.Ely. P#9 on
	184.846	+4.347	+4.348			south Side Draw Per FB 2338-11
	5.440		5.640			
T.P.	179.406					1x1
	6.719		7.163			
	186.125	+6.144	+6.144			
	0.575		1.019			
P#10	185.550					P#10 Fd 1x2 & N Top Small Spur FB. 2338-12

NOTES RED ____ JOB NO. 0074.36 SURVEY OF Truncas Cr. Rd.
DATE ____ SURVEY BY R.C. Dale
NOTES CHKD. C.R. GOSS NOTES BY R.C. Johnson DATE 10-23-57
DATE ____ INDEXED ____ DATE ____

F.B. 2338 Pg. 69

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JOB NO. 0274.36 SURVEY OF Frances Ct. Rch. NOTES RED
SURVEY BY R.C. Dale DATE
NOTES BY R.C.D. DATE 10-23-57 NOTES CHKD. R. GOSS
INDEX C. Johnson DATE

F.B. 2338 PG. 70

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	185.550					
	10.919		10.636			
	196.469	+ 9.698	9.699			
	1.221		0.936			
T P	195.248					1 X 1
	11.431		11.236			
	206.679	+10.475	+10.474			
	0.956		0.762			
T P	205.723					1 X 1
	10.691		10.911			
	216.414	+ 9.608	+ 9.609			
	1.083		1.302			
T P	215.331					1 X 1
	11.096		10.877			
	226.427	+ 7.386	+ 7.386			
	3.710		3.491			
T P	222.717					1 X 1
	9227		9.592			
	231.944	+8.468	+8.466			
	0.759		1.126			
P # 11	231.185					P # 11 Fd 1.28 N Sidehill Pr FB 2338-12
	12020		11932			
	243.205	+11.302	+11.302			
	0718		0630			
T.P.	242487					1 X 1
	11615		11784			
	254102	+10.849	+10.849			
	0766		0.935			
T.P.	253.336					1 X 1

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	253336					
	11982		11839			
	265318	+11.076	+11.075			
	0906		0764			
T.P.	264412					1x1
	11546		11663			
	275958	+10.733	+10.731			
	0813		0932			
T.P.	275145					1x1
	11740		11865			
	286885	+11.095	+11.095			
	0645		0770			
T.P.	286240					1x1
	10159		9951			
	296399	+7.082	+7.082			
	3077		2869			
T.P.	293322					1x1
	8005		7596			
	301327	+6.056	+6.056			
	1949		1540			
P#12	299378					P#12 Fd. 3/4" IP Conc plug & C.E. tag Top spur Per. F.B. 2338-12
	7587		8057			
	306965	+4.241	+4.243			
	3346		3814			
P#13	303619					P#13 Fd 1x2 ft top spur Per. F.B. 2338-12
	1246		1128			
	304865	-7.323	-7.323			
	8569		8451			
P#14	296296					P#14 Fd, 1x2 ft Side hill Per. F.B. 2338-13

NOTES RED ____ JOB NO. 20[illegible] SURVEY OF Trancas Ch. Rd.
DATE ____ SURVEY BY R.C. [illegible]
NOTES CHKD R. GOSS NOTES BY [illegible] DATE 10-24-57
DATE ____ INDEXED [redacted] C. Jo[redacted] DATE ____

F.B. 2338 PG. 71

F.B. 2338 Pg. 72

JOB NO 0074.36 SURVEY OF Tranicos Ck. Rd. NOTES RED.
SURVEY BY R.C. Dole DATE
NOTES BY C.H.M. DATE 10-25-57 NOTES CHKD. R. GOSS
INDEXED C. Johnson DATE DATE

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	296.296					
	0826		0.745			
	297122	-10.062	-10.061			
	10888		10.806			
P#15	286234					P#15 Fd 3/4" I.P. Conc. Plug & C.E. Tag Side hill Ref. F.B. 2338-13
	11488		11431			
	297.722	+10.677	+10.678			
	0811		0753			
T.P.	296911					1x1
	10 982		10.821			
	307.893	+9.561	+9.563			
	1.421		1.258			
T.P.	306.472					1x1
	5529		5.420			
	312.001	+2.710	+2.709			
	2819		2.711			
P#16	309.182					P#16 Fd 1x2 ± Top Spike Ref. F.B. 2338-13
	10894		10741			
	320.076	+9.897	+9.897			
	0997		0.844			
T.P.	319.079					1x1
	10461		10376			
	329.540	+9.485	+9.483			
	0976		0893			
T.P.	328.564					1x1
	11.854		11.730			
	340.418	+11.014	11.013			
	0840		0717			
P#17	339.578					P#17 Fd 1x2 ± S. Side Spike Ref. F.B. 2338-13

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Do not extend notes this side of this line

NOTES RED. JOB NO. 20774.36 SURVEY OF Tract 6335 Cit. Fol.
DATE SURVEY BY R.C. Dale
NOTES CKD. G.J.S. NOTES BY C.H.M. DATE 10-25-57
DATE INDEXED. C. Johnson DATE

F.B. 2338 PG. 73

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	339.578					
	11433		11278			
	351011	+10.532	+10.531			
	0901		0741			
T.P.	350.110					1X1
	10609		10510			
	360.719	+9.598	+9.593			
	1011		0912			
T.P.	359.708					1X1
	10683		10594			
	370391	+8.483	+8.482			
	2200		2112			
P.K./8	368.191					P.K. 8 Fd. 3/4" I.P. in Sand & Pcr. F.B. 2338-14
	3990		3862			
	372181	-1.662	-1.663			
	5661		5525			
P.K.P.	366529					P.K.P. Tack 1X2+ N Side Sand & Pcr. F.B. 2338-14
	0687		0697			
	361166	-10.515	-10.514			
	11582		11211			
T.P.	350014					1X1
	1192		1012			
	357206	-9.446	-9.446			
	10638		10458			
T.P.	346.568					1X1
	0794		0510			
	347362	-10.935	-10.931			
	11727		11441			
B.M. T-3	335.635					B.M. T-3 Fd. Sta. C.E. BM Brass Cap Mon. Set 1/2 Conc. up 4" N Side Spur Pcr-FB 2338-14

76S420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	335.635					
	11.790		11.497			
	347.425	+10.713	+10.714			
	1.077		0.783			
T.P.	346.348					1x1
	11.991		11.678			
	358.339	+10.777	+10.777			
	1.214		0.901			
T.P.	357.125					1x1
	11.276		11.432			
	368.401	+10.593	+10.593			
	0.683		0.839			
T.P.	367.718					1x1
	10.954		11.025			
	378.672	+10.282	+10.281			
	0.672		0.744			
T.P.	378.000					1x1
	11.399		11.243			
	389.399	+10.391	+10.390			
	1.008		0.853			
T.P.	388.391					1x1
	11.007		11.336			
	399.398	+10.327	+10.327			
	0.680		1.009			
T.P.	398.718					1x1
	11.942		11.807			
	410.660	+7.650	+7.648			
	4.292		4.159			
P#20	406.368					P#20 Fd 1x2 d N Top Spur Per FB 2338-14

JOB NO. 007436 SURVEY OF Francas Cn Rd NOTES RED.
SURVEY BY R.C. Dale DATE
NOTES BY R.C.D. DATE 10-28-57 NOTES CHKD C. R. GOSS
INDEXED C. Johnson DATE DATE

F.B. 2338 PG. 74

76S420 S & E-353 4-54

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NOTES RED. DATE
NOTES CHKD. DATE
INDEXED DATE

JOB NO. 0074.36 SURVEY OF Topanga Canyon
SURVEY BY T.P.C. D. & C. DATE 10-28-57
NOTES BY R. C. G. DATE
C. Johnson DATE

F.B. 2338 Pg. 75

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	406.368					
	4.274		3.928			
	410.642	-6.466	-6.467			
	10.740		10.395			
T.P.	399.902					1x1
	1.460		1.342			
	401.362	-3.140	-3.139			
	4.600		4.487			
P#21	396.762					P#21 Fd 1x2 & N Sidehill Pr. FB 2338-15
	8.296		8.289			
	405.058	+6.270	+6.271			
	2.026		2.018			
P#22	403.032					P#22 Fd 1x2 & N Sidehill Pr. FB 2338-15
	11.470		11.284			
	414.502	+9.913	+9.914			
	1.557		1.370			
T.P.	412.945					1x1
	11.918		11.823			
	424.863	+11.058	+11.055			
	0.860		0.768			
T.P.	424.003					1x1
	10.934		10.657			
	434.937	+8.301	+8.301			
	2.633		2.356			
T.P.	432.304					1x1
	10.453		10.608			
	442.757	+3.987	+3.987			
	6.466		6.621			
P#23	436.291					P#23 Fd 1x2 & N. Sidehill Pr. FB 2338-15

768420 S & E-353 4-54

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JOB NO 20074.36 SURVEY OF Travers Ca. Rd. NOTES RED.
SURVEY BY R.C. Dale DATE
NOTES BY R.C.D. DATE 10-29-57 NOTES CHKD C. R. GOSS
INDEXED DATE DATE

F.B. 2338 Pg. 76

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-23	436.291					
	11.817		11.584			
	448.108	+10.749 ✓	+10.747 ✓			
	1.068		0.837			
T.P.	447.040					1X1
	11.299		11.167			
	458.339	+10.483 ✓	+10.483 ✓			
	0.816		0.684			
T.P.	457.523					1X1
	11.614		11.826			
	469.137	+10.820 ✓	+10.821 ✓			
	0.794		1.005			
T.P.	468.343					1X1
	11.140		11.357			
	479.483	+10.353 ✓	+10.353 ✓			
	0.787		0.998			
T.P.	478.696					1X1
	11.328		11.544			
	490.024	+10.690 ✓	+10.689 ✓			
	0.638		0.855			
T.P.	489.386					1X1
	8.698		8.742			
	498.084	+ 7.813 ✓	+ 7.813 ✓			
	0.885		0.929			
P#24	497.199					P#24 Fd 1X2"N Top Spike Pg. F.B. 2338-15
	6.700		6.509			
	503.899	+ 4.898 ✓	+ 4.898 ✓			
	1.802		1.611			
P#25	502.097					P#25 Fd 1X2"N Top Spike Pg. F.B. 2338-16

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NOTES RED ____ JOB NO. 0074.36 SURVEY OF Francas Ch. Rd.
DATE ____ SURVEY BY R.C. Dale
NOTES CHKD. R. GOSS NOTES BY R.C.D. DATE 10-29-57
DATE ____ INDEXED C. Johnson DATE ____

F. B 2338 PG. 77

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	502.097					
	2.111		1.952			
	504.208	- 1.607	- 1.607			
	3.718		3.559			
P-26 Intersection	500.490					P-26 (Int). Fd 1x2 ¢ N, Spur, Intersection "P"
	10.472		10.436			Line and Ranch Line Per F B 2338-16
	510.962	+ 4.639	+ 4.637			
	5.833		5.799			
T.P.	505.129					1x1
	5.759		5.850			
	510.888	+ 3.617	+ 3.615			
	2.142		2.235			
T.P.	508.746					1x1
	11.672		11.504			
	520.418	+ 10.250	+ 10.250			
	1.422		1.254			
T.P.	518.996					1x1
	11.616		11.383			
	530.612	+ 10.204	+ 10.204			
	1.412		1.179			
T.P.	529.200					1x1
	1.836		1.732			
	531.036	- 9.734	- 9.733			
	11.570		11.465			
T.P.	519.466					1x1
	2.308		2.211			
	521.774	- 8.799	- 8.799			
	11.107		11.010			
T.P.	510.667					1x

F. B 2338 PG. 78

JOB NO. 0074.36 SURVEY OF Trancas Cr Rd NOTES RED.
SURVEY BY R. C. Dale DATE
NOTES BY R.C.D. DATE 10-30-57 NOTES CHKD C. R. GOSS
INDEXED C. Johnson DATE DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	510.667					
	1.009		0.756			
	511.676	-6.233	-6.235			
	7.242		6.991			
P#27	504.434					P#27 Fd 1x2 & N Top Spur Per FB2338-16
	3.568		3.354			
	508.002	-7.683	-7.685			
	11.251		11.039			
T.P.	496.751					1x1
	0.747		0.907			
	497.498	-8.971	-8.970			
	9.718		9.877			
P#28	487.780					P#28 Fd 1x2 & N Low Spur Per FB 2338-17
	11.562		11.400			
	499.342	+9.921	+9.920			
	1.641		1.480			
T.P.	497.701					1x1
	10.756		11.036			
	508.457	+10.207	+10.206			
	0.549		0.830			
T.P.	507.908					1x1
	11.319		11.602			
	519.227	+10.520	+10.520			
	0.799		1.082			
T.P.	518.428					1x1
	11.085		11.020			
	529.513	+9.854	+9.855			
	1.231		1.165			
T.P.	528.282					1x1

768420 S & E-353 4-54

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NOTES RED. JOB NO. 0024 SURVEY OF Tract 8485 Co. Rd.
DATE SURVEY BY R.C.E. DATE 10-30-31
NOTES CHKD. R. C.E. NOTES BY R.C.E. DATE
DATE INDEXED C. Johnson DATE

F. B. 233 Pg. 79

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	528.282					
	11.311		11.218			
	539.593	+10.419	+10.419			
	0.892		0.799			
T.P.	538.701					1 x 1
	10.550		10.959			
	549.251	+9.777	+9.777			
	0.773		1.182			
T.P.	548.478					1 x 1
	10.757		11.026			
	559.229	+9.771	+9.771			
	0.980		1.255			
T.P.	558.249					1 x 1
	11.030		11.399			
	569.279	+10.057	+10.059			
	0.973		1.340			
T.P.	568.306					1 x 1
	11.854		11.920			
	580.160	+10.766	+10.767			
	1.088		0.953			
T.P.	579.072					1 x 1
	11.290		11.178			
	590.362	+10.242	+10.241			
	1.048		0.937			
T.P.	589.314					1 x 1
	12.007		11.906			
	601.321	+11.274	+11.273			
	0.736		0.633			
T.P.	600.585					1 x 1

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	600585					
	11.146		11240			
	611.731	+10.512	+10.512			
	0.634		0.728			
T.P.	611.097					1x1
	11.030		11.060			
	622.127	+10.299	+10.300			
	0.731		0.760			
T.P.	621.396					1x1
	9.651		9.892			
	631.047	+8.488	+8.489			
	1.163		1.403			
T.P.	629.884					1x1
	10.500		10.640			
	640384	+8.951	+8.951			
	1.549		1.689			
T.P.	638.835					1x1
	8.202		8.394			
	647.037	+6.253	+6.254			
	1.949		2.140			
P#29	645.088					P#29 Fd 3/4 I.P. Conc plug & CE Tag Top Ridge Per FB 2338-17
	0.798		0.971			
	645.886	-10.941	-10.940			
	11.739		11.911			
T.P.	634.147					1x1
	2.307		2.168			
	636454	-8.911	-8.911			
	11.218		11.079			
T.P.	625.236					1x1

JOB NO. 007436 SURVEY OF Trancas Cr Rd NOTES RED.
SURVEY BY R.C. Dale DATE
NOTES BY R.C.D. DATE 10-31-57 NOTES CHKD. C. R. GOSS
INDEXED C. Johnson DATE DATE

F.B. 2338 PG. 80

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	625.236					
	1.462		1.250			
	626.698	-10.010	-10.009			
	11.472		11.259			
T.P.	615.226					1x1
	0.717		0.767			
	615.943	-11.046	-11.045			
	11.763		11.812			
T.P.	604.180					1x1
	0.453		0.746			
	604.633	-10.958	-10.959			
	11.411		11.705			
T.P.	593.222					1x1
	0.724		0.910			
	593.946	-10.854	-10.853			
	11.578		11.763			
T.P.	582.368					1x1
	0.578		0.799			
	582.946	-9.896	-9.895			
	10.474		10.694			
T.P.	572.472					1x1
	1.245		1.502			
	573.717	-2.357	-2.357			
	3.602		3.857			
P#30	570.115					P#30 Fd 1x2 & N Sidehill Per FB 2338-17
	0.559		0.842			
	570.674	-10.595	-10.595			
	11.154		11.437			
T.P.	559.520					

NOTES RED ____ JOB NO. 0074.36 SURVEY OF Trancas Ch Rd.
DATE ____ SURVEY BY R.C. Dale
NOTES CHKD C. R. GOS NOTES BY R.C. Dale DATE 10-31-57
DATE ____ INDEXED A. G. Johnson DATE ____

F. B. 2338 PG. 81

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	559.520					
	0.633		0.836			
	560.153	-10.820	-10.820			
	11.453		11.656			
T.P.	548.700					1x1
	0.734		0.939			
	549.434	-9.626	-9.625			
	10.360		10.564			
T.P.	539.074					1x1
	1.008		1.368			
	540.082	-2.737	-2.738			
	3.745		4.106			
BM T-4	536.337					BM T-4. Fd Std CE BM Brass Cap Mon set in conc. up 4" in Md Rock South Side ridge. 143.3 SWly "P" 31 Per FB 2338-17
	1.251		1.409			
	537.588	-9.960	-9.962			
	11.211		11.371			
T.P.	526.377					1x1
	1.543		1.553			
	527.920	-7.206	-7.206			
	8.749		8.759			
P#31	519.171					P#31 Fd 1x2 & N Sidehill Per FB 2338-17
	0.873		1.151			
	520.044	-9.917	-9.916			
	10.790		11.067			
T.P.	509.254					1x1
	0.749		1.077			
	510.003	-4.586	-4.585			
	5.335		5.662			
P#32	504.668					P#32 Fd 1x2 & N Sidehill Per FB 2338-18

JOB NO. 007436 SURVEY OF Trancas Cn Rd NOTES RED.
SURVEY BY R.C. Dale DATE
NOTES BY R.C.D. DATE 11-1-57 NOTES CHKD. C. R. GOSS
INDEX C. Johnson DATE DATE

F. B. 2338 PG. 82

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-32	504.668					
	10.810		11.090			
	515.478	+10.175	+10.175			
	0.635		0.915			
T.P.	514.843					1x1
	11.174		11.379			
	526.017	+10.292	+10.291			
	0.882		1.088			
T.P.	525.135					1x1
	10.985		11.246			
	536.120	+10.144	+10.143			
	0.841		1.103			
T.P.	535.279					1x1
	10.977		11.107			
	546.256	+10.198	+10.198			
	0.779		0.909			
T.P.	545.477					1x1
	9.257		9.457			
	554.734	+8.254	+8.255			
	1.003		1.202			
T.P.	553.731					1x1
	7.766		7.698			
	561.497	+6.507	+6.507			
	1.259		1.191			
P#33	560.238					P#33 Fd 1x2 d N. Top Low Spur, Per FB 2338-18
	11.550		11.666			
	571.788	+10.673	+10.671			
	0.877		0.995			
T.P.	570.911					1x1

NOTES RED ____ JOB NO. [illegible] SURVEY OF Francas Cn Rd.
DATE ____ SURVEY BY R. C. Dale
NOTES CHKD. C. P. GOSS NOTES BY R. C. D. DATE 11-1-57
DATE ____ INDEXED ____ DATE ____

F. B. 2338 PG. 83

765420 S & E-353 4-54

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JOB NO. 0074.36 SURVEY OF Trancas Cr. Rd. NOTES RED. DATE
SURVEY BY R.C. Dale DATE 11-1-57 NOTES CHKD. C. R. GOSS
NOTES BY R.C.D. DATE
INDEXED C. Tobiason DATE

F. B. 2338 Pg. 84

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	570.911					
	11.322		11.523			
	582.234	+10.473	+10.473 ✓			
	0.850		1.050			
T.P.	581.384					1x1
	10.729		10.944			
	592113	+9.824	+ 9.824 ✓			
	0.905		1.120			
T.P.	591.208					1x1
	11.708		11.865			
	602916	+7.953	+7.954 ✓			
	3.755		3.911			
P.B.M.	599.161					P.B.M. Found 2" x 2" Stake Ref. to B2338-18
	1464		1.322			
	600625	-9.988	-9.986 ✓			
	11452		11.308			
T.P.	589173					1x1
	10.000		10.164			
	599173	-1.363	-1.363 ✓			
	11.363		11.457			
P.B.M.	587.810					P.B.M. Fd. Nail & Tag "LS 5" Top of Crk. Ref. to B2338-19
	11.191		11.294			
	599.001	+10.388	10.386 ✓			
	0.803		0908			
T.P.	598.198					1x2
	11.288		11.569			
	609.486	+10.486	+10.486 ✓			
	0802		1.083			
T.P.	608.684					1x1

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	608.684					
	10.181		10.014			
	618.865	+8.654	+8.653			
	1.527		1.361			
P#36	617.338					P-36 Fd 1x2 & N Spur Per FB 2338-19
	6.949		6.787			
	624.287	+5.658	+5.659			
	1.291		1.128			
T.P	622.996					1x1
	11.841		11.750			
	634.837	+8.237	+8.237			
	3.604		3.513			
P#37	631.233					P-37 Fd L&T. in Rock Per FB 2338-19
	4.810		4.745			
	636.043	-7.056	-7.054			
	11.866		11.799			
P#38	624.177					P#38 Fd 1x2 & N Side hill Per FB 2338-20
	1.327		1.258			
	625.504	-9.940	-9.940			
	11.267		11.198			
T.P	614.237					1x1
	1.852		1.738			
	616.089	-9.655	-9.656			
	11.507		11.394			
T.P.	604.582					1x1
	0.490		0.764			
	605.072	-9.062	-9.063			
	9.552		9.827			
T.P.	595.520					1x1

NOTES RED ____ JOB NO. 007436 SURVEY OF Tramcas Cn. Rd.
DATE ____ SURVEY BY R C Dale
NOTES CHKD. R. GOSS NOTES BY R C D DATE 1-3-58
DATE ____ INDEXED [redacted] Johnson DATE ____

F. B 2338 PG. 85

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	595.520					
	0.672		0.945			
	596.192	-9.369	-9.369			
	10.041		10.314			
BM T-5	586.151					BM T-5 Fd Std C.E. B.M. Brass cap mon. set in conc. up 4" in Md Rock Top Spur 6444 N.Wly P 39 Per FB 2338-20
	11.283		11.183			
	597.434	+10.005	+10.003			
	1.278		1.180			
T.P	596.156					1x1
	10.695		10.549			
	606.851	+9.612	+9.612			
	1.083		0.937			
T.P.	605.768					1x2
	11.725		11.674			
	617.493	+10.465	+10.465			
	1.260		1.209			
T.P	616.233					1x1
	11.506		11.228			
	627.739	+9.868	+9.866			
	1.638		1.362			
T.P	626.101					1x1
	3.597		3.319			
	629.698	+2.120	+2.120			
	1.477		1.199			
P#39	628.221					P-39 Fd 1x2 d N Top Ridge FB 2338-20
	12.003		11.810			
	640.224	+9.180	+9.180			
	2.823		2.630			
P#40	637.401					P#40 Fd 1x2 d N Sidehill Per FB 2338-20

JOB NO. 0074 36 SURVEY OF Trancas Cr. Rd. NOTES RED.
SURVEY BY R.C. Dale DATE
NOTES BY R.C. D. DATE 1-3-58 NOTES CHKD. C. R. GOSS
INDEX C. John DATE DATE

F.B. 2338 Pg. 86

NOTES RED. JOB NO. 0074.36 SURVEY OF Francas Cn Rd.
DATE SURVEY BY R. C. Dale
NOTES CHKD. C. R. GOSS NOTES BY R. C. D. DATE 1-6-58
DATE INDEXED. J. C. Johnson DATE

F. B. 2338 PG. 87

769420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	637.401					
	9.067		9.514			
	646468	+6.326	+6.324			
	2.741		3.190			
P #41	643.727					P #41 Fd 1x2 & N Sidehill Per F.B. 2338-21
	8.098		7.963			
	651.825	+6.108	+6.108			
	1990		1.855			
P #42	649.835					P #42 Fd 1x2 & N Sidehill Per F.B. 2338-21
	11.778		11.580			
	661.613	+8.919	+8.919			
	2.859		2.661			
T.P	658.754					1x1
	11.440		11.291			
	670.194	+10.464	+10.464			
	0.976		0.827			
T.P.	669.218					1x1
	11.440		11.310			
	680.658	+9.500	+9.499			
	1.940		1.811			
T.P.	678.718					1x2
	11.151		11.546			
	689.869	+10.549	+10.549			
	0.602		0.997			
P #43	689.267					P #43 Fd 1x2 & N Spur Per F.B. 2338-21
	7.103		7.337			
	696370	+4.661	+4.661			
	2.442		2.676			
T.P	693.928					1x1

768420 S & E-353 4-54

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JOB NO 207436 SURVEY OF Tierra Rejo Rd
SURVEY BY R.C.D. DATE 1-7-58 NOTES CHK'D C. R. GOSS
NOTES BY R.C.D. DATE NOTES RED
INDEXED C. [illegible] DATE DATE

339 PG. 88

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	693.928					
	11.610		11.459	11.190		
	705.538	+3.439	+3.433	3.437		
	8.171		8.026	7.753		
P#44	697.367					P#44 Fd 1x2 @ N, Spike Pr FB 2338-22
	4.392		4.214			
	701.759	+1.120	+1.119			
	3.272		3.095			
T.P.	698.487					1x1
	2.679		2.420	2.356		
	701.166	-2.736	-2.740	+2.736		
	5.415		5.160	5.092		
P#45	695.751					P#45 Fd 1x2 @ N, Spike, Pr FB 2338-22
	11.770		11.619			
	707.521	+6.158	+6.149			
	5.620		5.470			
P#46	701.901					P#46 Fd 1x2 @ N, Spike in Pr FB 2338-22
	9.070		8.880			
	710.971	+2.354	+2.355			
	6.716		6.525			
P#47	704.255					P#47 Fd 1x2 @ N FB 2338-23
	10.600		10.311			
	714.855	+8.542	+8.543			
	2.058		1.768			
T.P.	712.797					1x1
	11.109		11.271			
	723.906	+10.281	+10.279			
	0.828		0.992			
T.P.	723.078					1x1

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	723.078					
	12.006		12.027			
	735.084	+11.232	+11.231			
	0.774		0.796			
P#48	734.310					P#48 Fd. 1x2 & N, Spur, Per FB 2338-23
	10.756		10.647			
	745.066	+9.064	+9.066			
	1.692		1.581			
T.P.	743.374					1x1
	8.509		8.353			
	751.883	+6.561	+6.560			
	1.948		1.793			
P#49	749.935					P#49 Fd 1x2 & N, Spur, Per FB 2338-23
	1.208		1.033			
	751.143	-10.361	-10.363			
	11.569		11.396			
T.P.	739.574					1x1
	1.548		1.315			
	741.122	-10.332	-10.333			
	11.880		11.648			
T.P.	729.242					1x2
	0.916		0.638			
	730.158	-10.483	-10.483			
	11.399		11.121			
T.P.	718.759					1x1
	0.707		0.908			
	719.466	-10.283	-10.282			
	10.990		11.190			
T.P.	708.476					

NOTES RED _____ JOB NO. 0074.36 SURVEY OF Trancas Ca Rd
DATE _____ SURVEY BY R.C. Dale
NOTES CHKD. C.R. GOSS NOTES BY R.C.D. DATE 1-13-58
DATE _____ INDEXED J. C. Johnson DATE _____

F. B 2338 PG. 89

P.B. 2339 PG. 90

JOB NO. 0074.36 SURVEY OF Francas Cr. Rd.
SURVEY BY R.C. Dale
NOTES BY R.C.D. DATE 1-14-58
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. C. R. GOSS DATE

763420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	708.476					
	2.208		1.943			
	710.684	-3.285	-3.285			
	5.493		5.228			
BM T-6	705.191					BM T-6 Fd Std. CEBM Brass cap Mon
	9.954		10.200			set in conc. up 4" in Md Rock Top Spur
	715.145	+9.030	+9.029			188.54 S Wly P#49 Per FB 2338-23
	0.924		1.171			
T.P.	714.221					1x1
	11.735		11.652			
	725.956	+10.432	+10.432			
	1.303		1.220			
T.P.	724.653					1x1
	11.349		11.746			
	736.002	+10.437	+10.438			
	0.912		1.308			
T.P.	735.090					1x1
	9.140		8.897			
	744.230	+4.566	+4.566			
	4.574		4.331			
P#50	739.656					P#50 Fd 1x2 ∡ N Sidehill Per FB 2338-24
	10.669		10.470	10.712		
	750.325	+8.435	+8.425	+8.433		
	2.234		2.045	2.279		
P#51	748.091					P#51 Fd 1x2 ∡ N Sidehill Per FB 2338-24
	12.007		11.792			
	760.098	+11.819	+11.821			
	1.188		0.971			
T.P.	758.910					1x1

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	758.910					
	11.316		11.244			
	770.226	+10.073	+10.073			
	1.243		1.171			
T.P.	768.983					1x1
	11.119		11.361			
	780.102	+9.947	+9.949			
	1.172		1.412			
T.P.	778.930					1x1
	10.610		10.748			
	789.540	+9.254	+9.254			
	1.356		1.494			
T.P	788.184					
	5.990		5.645			
	794.174	+4.315	+4.316			
	1.675		1.329			
P#52	792.499					P#52 Fd 1x2 & N, Spur, Per FB 2338-25
	1.990		1.680			
	794.489	-7.407	-7.406			
	9.397		9.086			
P#53	785.092					P#53 Fd 1x2 & N, Top Spur Per FB 2338-25
	11.479		11.328			
	796.571	+10.466	+10.465			
	1.013		0.863			
T.P.	795.558					1x1
	11.367		11.202			
	806.925	+10.275	+10.275			
	1.092		0.927			
P#54	805.833					P#54 Fd 1x2 & N Top Spur Per FB 2338-25

NOTES RED ____ JOB NO. 0074.36 SURVEY OF Trancas Cr Rd
DATE ____ SURVEY BY R.C. Dale
NOTES CHKD R. GOSS NOTES BY R.C.D. DATE 1-14-58
DATE ____ INDEXED A. C. Johnson DATE ____

F. B. 2338 PG. 94

765420 S & E-353 4-54

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JOB NO. 00743.36 SURVEY OF Frances Ct Rd NOTES RED DATE
SURVEY BY R.C. Dale NOTES CHKD. R. Goss
NOTES BY R.C. D. DATE 1-15-58 DATE
INDEXED C. Johnson DATE

B2338 PG. 92

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	805.833					
	8.959		8.938	8744		
	814.792	+6.823	+ 6.831	6.824		
	2.136		2.107	1.920		
T.P	812.656					1x1
	11.163		11.076			
	823.819	+7.915	+ 7.915			
	3.248		3.161			
P#55	820.571					P#55 Fd 1x2 FN Side Spike Per FB 2338-26
	11.243		11.421			
	831.814	+10.302	+10.302			
	0941		1119			
T.P.	830.873					1x1
	9.004		9.390			
	839.877	+8.331	+ 8.330			
	0.673		1.060			
P#56	839.204					P#56 Fd. 1x2 FN Spike Per FB 2338-26
	3.931		3.629			
	843.135	-3.052	-3.052			
	6.983		6.681			
P#57	836.152					P#57 Fd x on Rock Per FB 2338-26
	0.612		0.874			
	836.764	-10.970	-10.971			
	11.582		11.845			
T.P.	825.182					1x1
	1191		1.047			
	826.373	-10.051	-10.051			
	11.242		11.098			
T.P	815.131					1x1

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO. 00 7436 SURVEY OF Trancas Cn. Rd.
DATE _____ SURVEY BY RC Dale
NOTES CHKD. C.R. GOSS NOTES BY C.H.M. DATE 1-16-58
DATE _____ INDEXED A. C. Johnson DATE _____

F.B. 2338 Pg. 5

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	815,131					
	1336		1.234			
	816.467	-6.518	-6.518			
	7854		7752			
T.P.	808,613					1x1
	0972		0834			
	809.585	-5.713	-5.711			
	6685		6545			
B.M.#T-7	802.900					B.M.#T-7 Fd. std. C.E. B.M. brass Cap
	7011		7.492			mon. set in Conc. 2" up N side of Rdg.
	809.911	+6.243	+6.242			122.07' Wly. of P#57 per F.B. 2338-26
	0768		1250			
T.P.	809143					1x1
	11615		11555			
	820.758	+9.548	+9.551			
	2067		2004			
T.P.	818.691					1x1
	11948		12.140			
	830.639	+8.660	+8 659			
	3288		3481			
P#58	827.351					P#58 fd. 1x2 ft top spur Per. F.B. 2338-27
	7867		7699			
	835.218	+3.395	+3.397			
	4472		4.302			
P#59	830746					P#59 fd. 1x2 ft top spur Per. F.B. 2338-27
	4780		5.310			
	835.526	+3.688	+3.687			
	1092		1.623			
P#60	834.434					P#60 fd 1x2 ft top spur Per. F.B. 2338-27

765420 S & E-353 4-54

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JOB NO 2024.36 SURVEY OF TRANCAS CYN RD NOTES RED DATE
SURVEY BY R.C. WILSON NOTES CHKD C.R. 60
NOTES BY R.C.W. DATE 1-27-59 DATE
INDEXED C. JOHNSON DATE
2338 PG. 94

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	834434					
	3841		3481			
	838.275	+2.106	+2106			
	1735		1,375			
TBM	836.540					TBM Set X on high pt. of rock 5x2x2 32 W of P#60 6'5
	8.369		7.970			
	844.909	+4.028	+4.028			
	4.341		3.942			
TP	840.568					1"X1"
	9.833		10.439			
	850.401	+6.815	+6.817			
	3.018		3,622			
TP	847.383					1"X1"
	9.422		8.640			
	856.805	+7.098	+7.096			
	2.324		1.544			
P# 61	854.481					FD. 1"X2" STK. & TK. ON SIDEHILL
	1.191		1.330	1.285		PER. F.B. 2338 PG. 28
	855.672	+0.891	+0.887	+0.886		
	0.300		0.443	0.399		
P# 62	855.372					FD. 1"X2" STK. TOP SPUR. INT. "P"
	10.229		10.957			LINE & SECT. LINE - PER.
	865.601	+7.840	+7.843			F.B. 2338 PG. 28
	2.389		3.114			
T.P.	863.212					1"X1"
	11.457		11.818			
	874.669	+10.694	10.693			
	0.763		1.125			
T.P.	873.906					1"X1"

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	873.906					1"X1"
	10.942		10.605			
	884.848	+ 8.480	+8.478			
	2.462		2.127			
T.P.	882.386					1"X1"
	11.902		11.550			
	894.288	+ 9.188	+9.188			
	2.714		2.362			
T.P.	891.574					1"X1"
	11.207		11.283			
	902.781	+9.544	+9.544			
	1.663		1.739			
T.P.	901.118					1"X1"
	9.334		8.977			
	910.452	+ 8.661	+8.660			
	0.673		0.317			
P# 63	909.779					1"X2" & TACK TOP OF SPUR PER.
	9.084		8.972			F.B. 2338 PG. 28
	918.863	+2.609	+2.608			
	6.475		6.364			
T.P.	912.388					1"X1"
	2.232		2.710			
	914.620	- 8.230	- 8.230			
	10.462		10.940			
T.P.	904.158					"+" ON ROCK
	1.757		2.039			
	905.915	- 7.712	- 7.713			
	9.469		9.752			
T.P.	896.446					1"X1"

NOTES RED _____ JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD
DATE _____ SURVEY BY R.C. WILSON
NOTES CHKD. C. R. GOSS NOTES BY R.C.W. DATE 1-28-59
DATE _____ INDEXED J. C. Johnson DATE _____

F.B. 2338 PG. 9

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	896.446					1"X1"
	0.409		0.615			
	896.855	-10.644	-10.642			
	11.053		11.257			
T.P.	885.802					1"X1"
	0.914		0.748	1.068		
	886.716	-10.894	-10.888	-10.891		
	11.808		11.636	11.959		
P# 64	874.908					1"X2" STK. ON RIDGE PER.
	11.682		11.872			F.B. 2338 PG. 29
	886.590	+9.533	+9.530			
	2.149		2.342			
T.P.	884.441					1"X1"
	11.374		11.592			
	895.815	+9.098	+9.099			
	2.276		2.493			
T.P.	893.539					1"X1"
	10.533		10.717			
	904.072	+9.368	+9.370			
	1.165		1.347			
P# 65	902.907					1"X2" STK. TOP OF RIDGE PER.
	4.031		4.596			F.B. 2338 PG. 29
	906.938	-6.850	-6.847			
	10.881		11.443			
P# 65A	896.057					1"X2" STK- SIDEHILL PER.
	1.831		2.177	1.999		F.B. 2338 PG. 29
	897.888	-9.491	-9.487	-9.485		
	11.322		11.664	11.484		
BM T-8	886.566					STD. C.E. B.C. B.M. MON. 117.5' W'LY
						P#65-A - F.B. 2338 PG. 29

JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD. NOTES RED
SURVEY BY R.C. WILSON DATE
NOTES BY R.C.W. DATE 1-28-59 NOTES CHKD. C.R. GOSS
INDEXED C. Johnson DATE DATE

F.B. 2338 PG. 96

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.T-8	886.566					
	10.393		10.582			
	896.959	+ 9.115	+9.113			
	1.278		1.469			
T.P.	895.681					1"X1"
	10.380		11.033			
	906.061	+ 7.371	+7.371			
	3.009		3.662			
T.P.	903.052					1"X1"
	11.142		11.487			
	914.194	+10.439	+10.439			
	0.703		1.048			
T.P.	913.491					1"X1"
	10.912		11.394			
	924.403	+7.630	+ 7.629			
	3.282		3.765			
T.P.	921.121					1"X1"
	10.441		10.981			
	931.562	+ 8.892	+ 8.895			
	1.549		2.086			
T.P.	930.013					1"X1"
	11.548		11.767			
	941.561	+9.845	+9.844			
	1.703		1.923			
T.P.	939.858					1"X1"
	10.555		10.933			
	950.413	+9.391	+9.391			
	1.164		1.542			
T.P.	949.249					1"X1"

NOTES RED ____ JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD.
DATE ____ SURVEY BY R.C. WILSON
NOTES CHKD. E. R. GOSS NOTES BY R.C.W. DATE 1-29-59
DATE ____ INDEXED ____ DATE ____

F. B. 2339 PG. 97

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	949.249					1"X1"
	11.043		11.375			
	960.292	+10.158	+10.159			
	0.885		1.216			
T.P.	959.407					1"X1"
	11.147		11.574			
	970.554	+8.876	+8.876			
	2.271		2.698			
P#66	968.283					1"X2" STK & NAIL - TOP OF SPUR
	10.451		11.076			PER. F.B. 2338 PG. 30
	978.734	+ 8.154	+8.156			
	2.297		2.920			
T.P.	976.437					HIGH PT. ROCK
	9.234		9.721			
	985.671	+ 8.136	+8.139			
	1.098		1.582			
T.P.	984.573					1"X1"
	11.780		11.422			
	996.353	+9.933	9.933			
	1.847		1.489			
T.P.	994.506					1"X1"
	11.338		11.670			
	1005.844	+9.495	+9.496			
	1.843		2.174			
T.P.	1004.001					1"X1"
	11.265		11.930			
	1015.266	+9.952	+9.954			
	1.313		1.976			
T.P.	1013.953					1"X1"

JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD. NOTES RED.
SURVEY BY R.C. WILSON DATE
NOTES BY R.C.W. DATE 1-29-59 NOTES CHKD. C. R. GOSS
INDEXED [illegible] DATE DATE

F.B. 2338 PG. 98

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD.
DATE 1-30-59 SURVEY BY R.C. WILSON
NOTES CHKD. R. GOSS NOTES BY _____ DATE _____
DATE _____ INDEXED C. [illegible] DATE _____

F. B. 2338 PG. 29

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1013.953					1"X1"
	11.617		11.806			
	1025.510	+10.303	+10.307			
	1.314		1.504			
T.P.	1024.256					1"X1"
	11.305		11.764			
	1035.561	+10.634	+10.635			
	0.671		1.129			
T.P.	1034.890					1"X1"
	11.262		10.965			
	1046.152	+10.363	+10.364			
	0.899		0.601			
T.P.	1045.253					1"X1"
	11.325		11.760	11.643		
	1056.578	+9.945	+9.949	+9.944		
	1.380		1.811	1.699		
T.P.	1055.198					1"X1"
	10.750		10.943			
	1065.948	+10.085	+10.086			
	0.665		0.857			
T.P.	1065.283					1"X1"
	10.043		9.787			
	1075.326	+8.233	+8.234			
	1.810		1.553			
T.P.	1073.516					1"X1"
	7.748		8.010			
	1081.264	+6.692	+6.692			
	1.056		1.318			
P#67	1080.208					1"X2" STK. & NAIL TOP OF SPUR
						F.B. 2338 PG. 30

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P#67	1080.208					1"X2" STK. & NAIL - TOP OF SPUR
	1.167		0.898			F.B. 2338 PG. 30
	1081.375	- 5.261	5.263			
	6.428		6.161			
P#68	1074.947					1"X2" STK. & NAIL - TOP OF SPUR
	0.972		1.295			F.B. 2338 PG. 30
	1075.919	-10.079	-10.080			
	11.051		11.375			
T.P.	1064.868					1"X1"
	1.031		0.517			
	1065.899	-9.997	-9.998			
	11.028		10.515			
T.P.	1054.871					1"X1"
	4.016		4.396			
	1058.887	-3.311	-3.312			
	7.327		7.708			
P#69	1051.560					1"X2" STK. TOP OF SPUR
	7.548		7.309			F.B. 2338 PG. 31
	1059.108	+2.711	+2.712			
	4.837		4.597			
T.B.M.	1054.271					HIGH POINT OF ROCK - CH "+" - 40' ±
	10.664		11.224			ELY P#69
	1064.935	+3.607	+3.609			
	7.057		7.615			
1"X2"	1057.878					1"X2" LINE PROD. ON SIDEHILL
	2.361		2.648			F.B. 2338 PG. 31
	1060.239	-9.054	-9.054			
	11.415		11.702			
T.P.	1048.824					1"X1"

JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD. NOTES RED.
SURVEY BY R.C. WILSON DATE 2-2-69
NOTES BY [illegible] DATE NOTES CHK'D R. GOSS
INDEXED [illegible] DATE DATE

F.B. 2338 PG. 100

769420 S & E-353 4-54

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NOTES RED. JOB NO 0014.36 SURVEY OF TRANCAS CYN. RD.
DATE 7-4-52 SURVEY BY R.C. WILSON
NOTES CHKD. R. GOSS NOTES BY C. JOHNSON DATE
DATE INDEXED DATE

F.B. 2338 PG. 101

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1048.824					1"X1"
	0.698		1.513			
	1049.522	-10.388	-10.384			
	11.084		11.897			
T.P.	1038.438					1"X1"
	8.807		8.418			
	1047.245	-2.792	-2.794			
	11.599		11.212			
P#70	1035.646					1"X2" STK.- TOP OF SPOR.
	10.877		11.537			F.B. 2338 PG. 31
	1046.523	+6.823	+6.822			
	4.054		4.715			
P#71	1042.469					1"X2" STK - TOP OF SPOR
	0.747		0.901			F.B. 2338 PG. 31
	1043.216	-9.882	-9.882			
	10.629		10.788			
P#72	1032.581					1"X2" STK- TOP OF SPOR
	2.975		3.152			F.B. 2338 PG. 32
	1035.562	-8.478	8.478			
	11.453		11.630			
T.P.	1024.109					1"X1"
	1.598		1.860			
	1025.707	-9.188	9.187			
	10.786		11.047			
T.P.	1014.921					1"X1"
	0.770		1.290			
	1015.691	-9.476	9.427			
	10.196		10.717			
T.P.	1005.495					1"X1"

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1005.495					1"X1"
	0.687		0.431			
	1006.182	-10.723	+10.723			
	11.410		11.154			
BM T9	994.772					STD. B.C. C.E. B.M. MON. @ END OF
	9.043		9.630			SPUR 250' ± WLY P# 71
	1003.815	+7.374	+7.375			F.B. 2338 PG. 31
	1.669		2.255			
T.P.	1002.146					1"X1"
	7.303		7.738			
	1009.449	+6.765	+6.764			
	0.538		0.974			
P# 73	1008.911					1"X2" & TK.-ON SIDEHILL
	10.459		10.964			F.B. 2338 PG. 32
	1019.370	+7.413	+7.411			
	3.046		3.553			
T.P.	1016.324					1"X1"
	11.222		10.682			
	1027.546	+9.755	+9.755			
	1.467		0.927			
T.P.	1026.079					1"X1"
	10.291		11.174			
	1036.370	+9.597	+9.595			
	0.694		1.579			
T.P.	1035.676					1"X1"
	8.945		9.857			
	1044.621	+7.316	+7.318			
	1.629		2.539			
P# 74	1042.992					1"X2" STK. & TACK-ON SIDEHILL
						F.B. 2338 PG. 32

JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD. NOTES RED.
SURVEY BY R.C. WILSON DATE 2-9-59
NOTES BY DATE NOTES CHKD. R. GOSS
INDEXED C. Johnson DATE DATE

F.B. 2338 PG. 102

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD.
DATE 7-9-52 SURVEY BY R.C. WILSON
NOTES CHKD. E. COSS NOTES BY _____ DATE _____
DATE _____ INDEXED _____ DATE _____

F.B. 2338 PG. 103

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P*74	1042.992					1"X2" STK. & NAIL - ON SIDE HILL
	9.915		11.724			F.B. 2338 PG. 32
	1052.907	+1.469	+1.470 ✓			
	8.446		10.254			
P* 75	1044.461					1"X2" STK. & NAIL - ON SIDEHILL
	10.795		11.350			F.B. 2338 PG. 32
	1055.256	+7.982	+7.980 ✓			
	2.813		3.370			
T. P.	1052.443					1"X1"
	11.646		11.178			
	1064.089	+6.461	+6.461 ✓			
	5.185		4.717			
T.P.	1058.904					1"X1"
	9.179		9.934	10.008		
	1068.083	+5.909	+5.913	+5.913 ✓		
	3.270		4.021	4.095		
P*76	1064.813					1"X2" STK & NAIL - TOP SPUR
	5.753		6.196			F.B. 2338 PG. 33
	1070.566	+1.183	+1.186 ✓			
	4.570		5.010			
P*77	1065.996					1"X2" STK & NAIL - SIDE HILL
	7.450		7.966			F.B. 2338 PG. 33
	1073.446	+4.234	+4.237 ✓			
	3.216		3.729			
P*78	1070.230					1"X2" STK & NAIL - SIDEHILL
	4.115		4.470			F.B. 2338 PG. 33
	1074.345	-4.554	-4.576 ✓			
	8.689		9.046			
P* 79	1065.656					1"X2" STK. & NAIL - TOP DRAIN
						F.B. 2338 PG. 34

JOB NO. 0074.36 SURVEY OF TRANCAS CYN RD. NOTES RED.
SURVEY BY RC WILSON DATE C. R. GOSS
NOTES BY RCW DATE 2-26-59 NOTES CHKD
INDEXED C. Johnson DATE DATE

F. B. 2338 PG. 104

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P# 79	1065.656					1"X2" STK. & NAIL - TOP DRAIN
	10.603		10.375			F.B. 2338 PG. 34
	1076.259	+10.155	+10.155			
	0.448		0.220			
T.P.	1075.811					CH "+" ON ROCK
	10.945		10.662			
	1086.756	+9.924	+9.922			
	1.021		0.740			
T.P.	1085.735					CH "+" ON ROCK
	9.888		10.423			
	1095.623	+9.382	+9.381			
	0.506		1.042			
P# 80	1095.117					1"X2" STK & NAIL - TOP DRAIN
	9.741		10.090			F.B 2338 PG. 34
	1104.858	+8.079	+8.079			
	1.662		2.011			
P# 81	1103.196					1"X2" STK. & NAIL - TOP DRAIN
	10.284		10.069	10.629		F.B. 2338 PG. 34
	1113.480	+2.253	+2.249	+2.251		
	8.031		7.820	8.378		
T.P.	1105.449					1"X1"
	10.492		10.159			
	1115.941	+0.259	+0.259			
	10.233		9.900			
T.P.	1105.708					1"X1"
	2.478		2.161			
	1108.186	-9.033	-9.035			
	11.511		11.196			
P# 82	1096.675					1"X2" STK & NAIL - SIDEHILL
						F.B. 2338 PG. 34

765420 S & E-353 4-54

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NOTES RED. JOB NO 2074.36 SURVEY OF TRANCAS CYN RD.
DATE SURVEY BY R.C. WILSON
NOTES CHKD R. GOSS NOTES BY DATE 5-19-52
DATE INDEXED C. Johnson DATE

F.B. 2338 PG. 105

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P# 82	1096.615					
	1.997		2.548			
	1098.612	- 8.714	-8.714			
	10.711		11.262			
T.P.	1087.961					
	0.594		0.877			
	1088.555	-10.310	-10.310			
	10.924		11.187			
T.P.	1077.651					
	0.534		1.063			
	1078.185	-10.562	-10.561			
	11.096		11.624			
T.P.	1067.089					
	1.353		1.663			
	1068.442	-10.006	-10.008			
	11.359		11.671			
B.M. T-10	1057.083					C.E. B.M. MON. 105'± S.W. of P#82
	10.612		10.990	10.705		F.B. 2338 PG. 34
	1067.695	+ 9.969	+ 9.978	9.968		
	0.643		1.012	0.737		
T.P.	1067.052					
	11.114		11.652			
	1078.166	+10.368	+10.369			
	0.746		1.283			
T.P.	1077.420					
	11.708		11.089			
	1088.628	+10.491	+10.492			
	0.717		0.597			
T.P.	1087.911					

765420 S & E-353 4-54

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JOB NO 2074.36 SURVEY OF TRANCAS CYN. RD. NOTES RED. DATE
SURVEY BY R.C. WILSON DATE 5-19-59 NOTES CHK'D R. GOSS
NOTES BY R.C.W. DATE
INDEX C. Johnson DATE

F.B. 2338 PG. 106

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1087.911					
	11.656		11.957			
	1099.567	+11.354	+11.354			
	0.302		0.603			
T.P.	1099.265					
	10.969		11.293			
	1110.234	+10.228	+10.228			
	0.741		1.065			
T.P.	1109.493					
	10.786		11.193			
	1120.279	+9.415	+9.413			
	1.371		1.780			
T.P.	1118.908					
	11.681		11.256	11.705		
	1130.589	+9.102	+9.107	+9.105		
	2.519		2.149	2.600		
P-83	1128.010					1"X2" STK. & NAIL F.B. 2338 PG. 35
	3.531		3.735			
	1131.541	-2.166	-2.167			
	5.697		5.902			
P-84	1125.844					1"X2" STK. & NAIL F.B. 2338 PG. 35
	2.883		3.342			
	1128.727	-6.379	-6.379			
	9.262		9.721			
T.P.	1119.465					
	11.068		11.680			
	1130.533	+10.108	+10.109			
	0.960		1.571			
T.P.	1129.573					

765420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1129.573					
	11.507		11.717			
	1141.120	+10.325	+10.328			
	1.222		1.389			
T.P.	1139.898					
	10.304		10.822			
	1150.202	+7.840	+7.842			
	2.464		2.980			
T.P.	1147.738					
	10.878		11.370			
	1158.616	+7.767	+7.768			
	3.111		3.602			
T.P.	1155.505					
	11.280		11.643			
	1166.785	+10.805	+10.805			
	0.477		0.838			
T.P.	1166.308					
	11.014		11.347			
	1177.322	+10.668	+10.670			
	0.346		0.677			
T.P.	1176.976					
	11.413		11.855			
	1188.389	+11.198	+11.198			
	0.215		0.657			
T.P.	1188.174					
	11.592		11.841			
	1199.766	+11.013	+11.074			
	0.519		0.767			
T.P.	1199.247					

NOTES.RED. _____ JOB NO. 9071.36 SURVEY OF TRANCAS CYN RD.
DATE _____ SURVEY BY R.C. WILSON
NOTES CHKD. R. COSS NOTES BY R.C.W. DATE 5-20-59
DATE _____ INDEXED A. C. JOHNSON DATE _____

F.B. 2332 PG. 107

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0014.36 SURVEY OF TRANCAS CYN RD. NOTES RED. DATE
SURVEY BY R.C. WILSON
NOTES BY R.G.W. DATE 5-20-59 NOTES CHKD. R. GOSS
INDEX C. Johnson DATE DATE

F.B. 2338 PG. 108

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1199.747					
	7.531		8.070			
	1206.778	+0.960	+0.961			
	6.571		7.109			
P.#85	1200.207					1" X 2" STK. & NAIL - TOP OF SPUR
	0.824		0.526			F.B. 2338 PG. 35
	1201.031	-10.258	-10.256			
	11.082		10.782			
T.P.	1189.949					
	0.618		0.952			
	1190.567	-10.511	-10.509			
	11.129		11.461			
T.P.	1179.438					
	1.276		0.854			
	1180.714	-9.582	-9.529			
	10.808		10.383			
T.P.	1169.906					
	2.555		2.879			
	1172.461	-8.438	-8.437			
	10.993		11.316			
T.P.	1161.468					
	0.842		0.513			
	1162.310	-10.600	-10.601			
	11.442		11.114			
T.P.	1150.868					
	0.197		0.703			
	1151.065	-11.182	-11.180			
	11.379		11.883			
T.P.	1139.686					

76S420 353 3-51

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1139.686					
	9.400		9.903			
	1149.086	-0.110	-0.107			
	9.510		10.000			
P#86	1139.576					P#86 1"x2" Top Ridge
	7.783		7.976			FB 2338 Pg 35
	1147.359	+4.868	+4.921 ~~+4.871~~			
	2.915		3.055			
T.P.	1145.444					
	11.311		11.899			
	1156.755	+10.861	+10.861			
	0.450		1.038			
T.P.	1156.305					
	8.682		8.868			
	1164.987	+3.053	+3.053			
	5.629		5.815			
T.P.	1159.358					
	7.412		7.619			
	1166.770	-0.257	-0.259			
	7.669		7.878			
T.P.	1159.101					
	7.943		7.749			
	1167.044	+2.252	+2.253			
	5.691		5.496			
T.P.	1161.353					
	6.243		6.527			
	1167.596	+3.085	+3.084			
	3.158		3.443			
TP	1164.438					

NOTES RED. _____ JOB NO. 0074.36 SURVEY OF TRANCAS Cñ Ro
DATE _____ SURVEY BY R. C. WILSON
NOTES CHKD. G. R. GOSS NOTES BY M. A. WALSH Jr. DATE 5-21-59
DATE _____ INDEXED [illegible] DATE _____

F.B. 2338 PG. 109

769420 353 3-51

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JOB NO. 00734 SURVEY OF Texaco Co. Lse NOTES RED: DATE
SURVEY BY P.C. Lundgren NOTES CHK'D. R. GOSS
NOTES BY M. Wallin Jr. DATE 5-25-59
INDEX C. Johnson DATE

F.B. 2338 PG. 110

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1164.438					
	11.265		11.555			
	1175.703	+10.705	+10.705			
	0.560		0.850			
T.P.	1175.143					
	8.890		8.455			
	1184.033	+7.760	+7.760			
	1.130		0.695			
T.P.	1182.903					
	10.950		11.230			
	1193.853	+5.830	+5.830			
	5.120		5.400			
T.P.	1188.733					
	8.250		8.520			
	1196.983	+5.550	+5.550			
	2.700		2.970			
B.M. T-11	1194.283					C.E. B.M. Mon 273 I S.W.P. 93
+	0.923		0.873			F.B. 2338 PG. 37
T	1195.206	-10.229	-10.229			
-	11.152		11.102			
T.P.	1184.054					
+	0.903		0.810			
T	1184.957	-4.992	-4.992			
-	5.895		5.802			
T.P.	1179.062					
+	1.349		1.552	1.389		
T	1180.411	-10.221	-10.196	-10.221		
-	11.570		11.748	11.610		
T.P.	1168.841					

76S420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1168.841					
+	0.979		0.918			
⊼	1169.820	-10.134	-10.134			
−	11.113		11.052			
T.P.	1158.707					
+	8.895		8.670	8.665		
⊼	1167.602	+5.770	+5.780	+5.770		
−	3.125		2.890	2.895		
T.P.	1164.477					
+	7.274		7.447	7.675		
⊼	1171.751	+6.332	+6.337	+6.333		
−	0.942		1.110	1.342		
T.P.	1170.809					
+	5.773		5.595			
⊼	1176.582	-0.712	-0.712			
−	6.485		6.307			
T.P.	1170.097					
+	8.495		8.583			
⊼	1178.592	-2.100	-2.102			
−	10.595		10.685			
T.P.	1167.997					
+	0.323		0.430	0.353		
⊼	1168.427	-11.289	-10.839	-10.839		
−	11.612		11.269	11.192		
T.P.	1157.158					
+	10.703		10.747			
⊼	1167.861	+5.333	+5.333			
−	5.370		5.414			
T.P.	1162.491					

NOTES RED _____ JOB NO. 0074.36 SURVEY OF Trancas Cn. Rd.
DATE _____ SURVEY BY Uharriet
NOTES CHKD. C. R. GOSS NOTES BY Uharriet DATE 6-11-59
DATE _____ INDEXED A. C. Johnson DATE _____

F. B 2338 PG. 111

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0074.36 SURVEY OF Tranquas Cyn. Rd. NOTES RED
SURVEY BY Harriet DATE NOTES CHK'D R. GOSS
NOTES BY Harriet DATE 6-11-59
INDEX C. Johnson DATE

F.B. 2335 Pg. 112

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1162.491					
+	9.780		9.920	9.982		
⊼	1172.411	+8.888	+8.883 ✓	+8.885 ✓		
−	0.892		1.037	1.097		
T.P.	1171.374					
+	11.737		11.700			
⊼	1183.111	+10.325	+10.325 ✓			
−	1.412		1.375			
T.P	1181.699					
+	11.760		11.673	11.973		
⊼	1193.459	+11.236	+11.231 ✓	+11.235 ✓		
−	0.524		0.442	0.738		
T.P.	1192.935					
+	11.172		11.145	11.016		
⊼	1204.107	+9.505	+9.497 ✓	+9.507 ✓		
−	1.667		1.648	1.509		
~~P#87~~	1202.440					
+	10.267		10.547			
⊼	1212.707	+8.570	+8.572 ✓			
−	1.697		1.975			
T.P.	1211.010					
+	10.358		10.170			
⊼	1221.368	+9.341	+9.341 ✓			
−	1.017		0.829			
T.P.	1220.351					
+	11.640		11.502	11.458		
⊼	1231.991	+0.307	+0.297 ✓	+0.306 ✓		
−	11.333		11.205	11.152		
T.P.	1220.658					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1220.658					
+	2.514		2.406			
⊼	1223.172	+1.034	+1.034			
−	1.480		1.372			
T.P.	1221.692					
+	4.805		4.850			
⊼	1226.497	+1.412	+1.412			
−	3.393		3.438			
P#88	1223.104					
+	11.109		11.225			
⊼	1234.213	+10.277	+10.277			
−	0.832		0.948			
T.P.	1233.381					
+	6.402		6.443	6.487		
⊼	1239.783	+2.552	+2.548	+2.552		
−	3.850		3.895	3.935		
T.P.	1235.933					
+	10.590		10.637			
⊼	1246.523	+9.977	+9.977			
−	0.613		0.660			
T.P.	1245.910					
+	11.233		11.272	11.296		
⊼	1257.143	+7.316	+7.308	+7.318		
−	3.917		3.964	3.978		
P#89	1253.226					
+	8.990		9.048			
⊼	1262.216	+5.307	+5.308			
−	3.683		3.740			
P#90	1258.533					

NOTES RED _____ JOB NO. 2014.36 SURVEY OF Trancas Cn. Rd.
DATE _____ SURVEY BY Uharriet
NOTES CHKD. C. R. GOSS NOTES BY Uharriet DATE 6-12-59
DATE _____ INDEXED A. C. Johnson DATE _____

F. B 2338 PG. 113

765420 S & E-353 4-54

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JOB NO 0074.36 SURVEY OF Trancas Cn. Rd. NOTES RED
SURVEY BY Harriet DATE C. R. 605
NOTES BY Harriet DATE 6-12-59 NOTES CHKD.
INDEXED C. Johnson DATE DATE
F.B. 2338 PG. 114

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P#90	1258.533					
+	5.397		6.490			
=	1264.930	-4.415	-4.415			
−	10.812		10.905			
T.P.	1254.118					
+	0.738		0.785			
=	1254.856	-7.124	-7.124			
−	7.862		7.912			
P#91	1246.994					
+	9.765		9.788			
=	1256.759	-0.157	-0.156			
−	9.922		9.944			
T.P.	1246.837					
+	10.192		10.237			
=	1257.029	+8.572	+8.513			
−	1.620		1.665			
T.P.	1255.409					
+	9.900		9.948			
=	1265.309	+9.013	+9.013			
−	0.887		0.935			
T.P.	1264.422					
+	11.492		11.513			
=	1275.914	+6.182	+6.180			
−	5.510		5.333			
P#92	1270.604					
+	8.683		8.797			
=	1279.287	-0.678	-0.675			
−	9.361		9.475			
T.P.	1269.926					

76S420 5 & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1269.926					
+	8.637		8.625			
⊼	1278.563	+7.584	+7.584			
−	1.05[illegible]		1.041			
T.P.	1277.510					
+	5.305		5.225	[illegible]		
⊼	1282.[illegible]	−6.668	−6.672	−6.675		
−	11.973		11.897	11.883		
P#93	1270.538					
+	5.466		5.500			
⊼	1276.304	+3.208	+3.211			
−	2.258		2.289			
T.P.	1274.046					
+	11.684		11.887			
⊼	1285.730	+10.601	+10.601			
−	1.083		1.286			
T.P.	1284.647					
+	10.764		10.873			
⊼	1295.411	+10.313	+10.312			
−	0.451		0.561			
T.P.	1294.960					
+	11.907		11.811			
⊼	1306.867	+5.565	+5.564			
−	6.342		6.247			
P#94	1300.525					
+	1.303		1.663			
⊼	1301.828	−9.259	−9.258			
−	10.562		10.921			
T.P.	1291.266					

NOTES RED _____ JOB NO. 0074.36 SURVEY OF Trancas Cn. Rd.
DATE _____ SURVEY BY Uharriet
NOTES CHKD. [illegible] NOTES BY [illegible] DATE 6-15-59
DATE _____ INDEXED _____ DATE _____

F. B 2338 PG. 115

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0074.36 SURVEY OF Travers Ct. Rd
SURVEY BY Harriet DATE 6-15-59
NOTES BY M. C. Johnson DATE
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. C. R. GOSS DATE

F.B. 2332 PG. 116

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1291.266					
+	0.880		0.567			
⊼	1292.146	-8.569 ✓	-8.568 ✓			
−	9.449		9.135			
T.P.	1282.697					
+	9.233		9.052			
⊼	1291.930	+8.447 ✓	+8.448 ✓			
−	0.786		0.604			
T.P.	1291.144					
+	9.890		9.792			
⊼	1301.034	+9.293 ✓	+9.294 ✓			
−	0.597		0.498			
T.P.	1300.437					
+	1.773		1.434			
⊼	1302.210	-9.143 ✓	-9.146 ✓			
−	10.916		10.630			
T.P.	1291.294					
+	0.277		0.516			
⊼	1291.571	-11.217 ✓	-11.217 ✓			
−	11.494		11.733			
T.P.	1280.077					
+	0.433		0.553			
⊼	1280.510	-11.078 ✓	-11.076 ✓			
−	11.511		11.629			
T.P.	1268.999					
+	0.473		0.340			
⊼	1269.472	-11.483 ✓	-11.483 ✓			
−	11.956		11.823			
T.P.	1257.516					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1257.516					
+	7.269		7.396			
⊼	1264.785	-3.996	-3.996			
−	11.265		11.392			
P#95	1253.520					
+	11.331		11.422			
⊼	1264.851	+10.083	+10.083			
−	1.248		1.339			
T.P.	1263.603					
+	10.280		10.384	10.336		
⊼	1273.883	+9.606	+9.602	+9.605		
−	0.674		0.782	0.731		
P#96	1273.209					
+	3.162		3.246			
⊼	1276.371	-1.874	-1.875			
−	5.036		5.121			
P#97	1271.335					
+	0.565		0.836			
⊼	1271.900	-10.036	-10.036			
−	10.601		10.872			
T.P.	1261.299					
+	0.292		0.355			
⊼	1261.591	-10.576	-10.576			
−	10.868		10.931			
T.P.	1250.723					
+	1.502		2.068			
⊼	1252.225	-9.676	-9.674			
−	11.178		11.742			
T.P.	1241.047					

NOTES RED. _____ JOB NO. 0074.36 SURVEY OF Troncas Cn. Rd.
DATE _____ SURVEY BY Uharriet
NOTES CHKD. C. R. GOSS NOTES BY [illegible] DATE 6-15-59
DATE _____ INDEXED _____ DATE _____

F. B. 2338 PG. 117

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 2074.36 SURVEY OF Tujunga Cn. Rd. NOTES RED. DATE
SURVEY BY Wharriet NOTES CHKD. R. GOSS
NOTES BY Wharriet DATE 6-15-59 DATE
INDEXED A. C. Johnson DATE

F.B. 2338 Pg. 118

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1241.047					
+	0.781		0.953			
⊼	1241.828	-10.503	-10.504			
−	11.284		11.457			
T.P.	1230.544					
+	2.772		2.617			
⊼	1233.316	-9.141	-9.141			
−	11.913		11.758			
P#98	1221.403					
+	7.325		7.566			
⊼	1228.728	-4.330	-4.332			
−	11.655		11.898			
T.P.	1217.073					
+	0.624		0.961			
⊼	1217.697	-10.834	-10.834			
−	11.458		11.795			
T.P.	1206.239					
+	1.084		1.462			
⊼	1207.323	-10.266	-10.265			
−	11.350		11.727			
P#99	1195.973					
+	0.724		0.907			
⊼	1196.697	-10.588	-10.588			
−	11.312		11.495			
T.P.	1185.385					
+	0.535		0.467			
⊼	1185.920	-11.014	-11.016			
−	11.549		11.483			
T.P.	1174.371					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1174.371					
+	0.656		0.370			
⊼	1175.027	-10.699	-10.700			
−	11.355		11.070			
T.P.	1163.672					
+	0.332		0.525			
⊼	1164.004	-11.226	-11.228			
−	11.558		11.753			
T.P.	1152.446					
+	0.229		0.594			
⊼	1152.675	-11.355	-11.354			
−	11.584		11.948			
T.P.	1141.091					
+	3.923		3.880	3.846		
⊼	1145.014	-5.010	-5.004	-5.011		
−	8.933		8.884	8.857		
P#100	1136.081					
+	9.249		9.168			
⊼	1145.330	+7.349	+7.349			
−	1.900		1.819			
T.P.	1143.430					
+	10.515		10.480			
⊼	1153.945	+9.601	+9.600			
−	0.914		0.880			
T.P.	1153.031					
+	11.636		11.953			
⊼	1164.667	+7.310	+7.309			
−	4.326		4.644			
P#101	1160.341					

NOTES RED_____ JOB NO. 0074.36 SURVEY OF Tunnel Cyn. Rd.
DATE_____ SURVEY BY Wharriet
NOTES CHKD. R. GOSS NOTES BY Wharriet DATE 6-15-59
DATE_____ INDEXED R. G. Johnson DATE_____

F. B. 5333 PG. 119

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 2074.36 SURVEY OF Frances Ct. Rd. NOTES RED DATE
SURVEY BY Harriet NOTES CHKD R. GOSS
NOTES BY Harriet DATE 6-16-59
INDEXED C. Johnson DATE

F. B 2338 Pg. 120

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P# 101	1160.341					
+	11.148		11.083			
⌅	1171.489	+10.418 ✓	+10.418 ✓			
−	0.730		0.665			
T.P.	1170.759					
+	11.614		11.574			
⌅	1182.373	+11.022 ✓	+11.024 ✓			
−	0.592		0.550			
T.P.	1181.781					
+	11.329		11.375			
⌅	1193.110	+10.713 ✓	+10.713 ✓			
−	0.616		0.662			
T.P.	1192.494					
+	10.192		10.174	10.524		
⌅	1202.668	+5.262 ✓	+5.258 ✓	+5.258 ✓		
−	4.930		4.916	5.266		
P# 102	1197.752					
+	11.785		11.655			
⌅	1209.537	+9.984 ✓	+9.985 ✓			
−	1.801		1.670			
T.P.	1207.736					
+	11.326		11.348			
⌅	1219.062	+10.988 ✓	+10.988 ✓			
−	0.338		0.360			
T.P.	1218.724					
+	11.613		11.592			
⌅	1230.337	+10.971 ✓	+10.970 ✓			
−	0.642		0.622			
T.P.	1229.695					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 2274.36 SURVEY OF Temescal Cyn. Rd.
DATE SURVEY BY. Wharton
NOTES CHKD. R. Goss NOTES BY. Wharton DATE 6-16-59
DATE INDEXED. A. C. Johnson DATE

F.B. 233 Pg. 12

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1229.695					
+	11.128		11.133			
⌅	1240.823	+10.662	+10.664			
−	0.466		0.469			
T.P.	1240.357					
+	10.673		10.446			
⌅	1251.030	+10.045	+10.043			
−	0.428		0.403			
T.P.	1250.402					
+	11.480		11.345			
⌅	1261.882	+11.067	+11.069			
−	0.411		0.276			
T.P.	1261.471					
+	11.497		11.532			
⌅	1272.968	+11.235	+11.236			
−	0.262		0.316			
T.P.	1272.706					
+	10.417		10.217			
⌅	1283.123	+9.853	+9.853			
−	0.564		0.364			
T.P.	1282.559					
+	11.795		11.823			
⌅	1294.354	+5.215	+5.213			
−	6.580		6.610			
P#103	1287.774					
+	11.881		11.813			
⌅	1299.655	+11.204	+11.201			
−	0.677		0.612			
T.P.	1298.978					

768420 S & E-383 4-54

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

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

JOB NO. 2074.36 SURVEY OF Topanga Cyn. Rd. NOTES RED.
SURVEY BY Harriet DATE
NOTES BY Harriet DATE 6-16-52 NOTES CHKD. R. GOSS
INDEXED C. Johnson DATE

F.B. 2338 PG. 122

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1298.978					
+	11.121		11.025			
⊼	1310.099	+9.913	+9.913			
−	1.208		1.112			
T.P.	1308.891					
+	4.636		4.768			
⊼	1313.527	+3.003	+3.003			
−	1.633		1.765			
P#104	1311.894					
+	1.522		1.852			
⊼	1313.416	−9.146	−9.146			
−	10.668		10.998			
T.P.	1302.748					
+	3.674		3.577			
⊼	1306.422	−2.479	−2.478			
−	6.153		6.055			
P#105	1300.269					
+	0.393		0.474			
⊼	1300.662	−7.604	−7.604			
−	7.997		8.078			
T.P.	1292.665					
+	0.250		0.261			
⊼	1292.915	−9.468	−9.468			
−	9.718		9.729			
T.P.	1283.197					
+	0.278		0.335			
⊼	1283.475	−9.983	−9.982			
−	10.261		10.317			
T.P.	1273.214					

768420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1273.214					
+	0.233		0.337			
⊼	1273.447	-9.819	-9.817			
−	10.052		10.154			
T.P.	1263.395					
+	0.497		0.407			
⊼	1263.892	-10.609	-10.608			
−	11.106		11.015			
T.P.	1252.786					
+	0.251		0.297			
⊼	1253.037	-8.761	-8.761			
−	9.012		9.058			
T.P.	1244.025					
+	0.525		0.418			
⊼	1244.550	-8.378	-8.380			
−	8.903		8.798			
T.P.	1235.647					
+	0.587		0.516			
⊼	1236.234	-7.855	-7.857			
−	8.442		8.373			
T.P.	1227.792					
+	0.428		0.415			
⊼	1228.220	-8.788	-8.790			
−	9.216		9.205			
T.P.	1219.004					
+	0.603		0.618			
⊼	1219.607	-7.878	-7.880			
−	8.481		8.498			
P#106	1211.126					

NOTES RED. _____ JOB NO. 0074.36 SURVEY OF Trancas Cñ. Rd.
DATE _____ SURVEY BY Uharriet
NOTES CHKD. C. R. GOSS NOTES BY Uharriet DATE 6-16-59
DATE _____ INDEXED A. C. Johnson DATE _____

F. B. 2338 PG. 123

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P#106	1211.126					
+	1.101		0.995			
π	1212.227	−10.427	−10.427			
−	11.528		11.422			
T.P.	1200.699					
+	0.209		0.296			
π	1200.908	−8.469	−8.470			
−	8.678		8.766			
T.P.	1192.230					
+	5.481		5.393			
π	1197.711	+4.569	+4.568			
−	0.912		0.825			
T.P.	1196.799					
+	10.028		9.777			
π	1206.827	+8.692	+8.692			
−	1.336		1.085			
T.P.	1205.491					
+	11.083		10.972			
π	1216.574	+10.447	+10.448			
−	0.636		0.524			
T.P.	1215.938					
+	10.914		10.778			
π	1226.852	+10.486	+10.485			
−	0.428		0.293			
T.P.	1226.424					
+	11.349		11.304			
π	1237.773	+8.919	+8.920			
−	2.430		2.384			
T.P.	1235.343					

JOB NO. 0074.36 SURVEY OF Trancas Cn. Rd. NOTES RED.
SURVEY BY Uharriet DATE
NOTES BY Uharriet DATE 6-16-59 NOTES CHKD. C. R. GOSS
INDEXED [illegible] DATE DATE

F.B. 2338 PG. 124

763420 S & E-353 4-54

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

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

Do not extend notes this side of this line

NOTES RED. JOB NO. 0074.36 SURVEY OF Frances Cir. Rd
DATE SURVEY BY. Wharriet
NOTES CHKD. R. GOSS NOTES BY. Wharriet DATE 6-16-59
DATE INDEXED. C. Johnson DATE

F.B. 233 PG. 125

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1235.343					
+	7.416		7.402			
⊼	1242.759	+2.768	+ 2.768			
−	4.648		4.634			
T.P.	1238.111					
+	11.623		11.596			
⊼	1249.734	+10.507	+ 10.509			
−	1.116		1.087			
T.P.	1248.618					
+	2.036		2.074			
⊼	1250.654	+1.598	+ 1.597			
−	0.438		0.477			
B.M.T-12	1250.216					
+	0.494		0.508			
⊼	1250.710	-4.690	- 4.689			
−	5.184		5.197			
T.P.	1245.526					
+	0.944		0.962			
⊼	1246.470	-10.802	-10.801			
−	11.746		11.763			
T.P.	1234.724					
+	4.732		4.642			
⊼	1239.456	- 1.309	- 1.310			
−	6.041		5.952			
T.P.	1233.415					
+	11.755		11.627			
⊼	1245.170	+ 10.774	+ 10.774			
−	0.981		0.853			
T.P.	1244.189					

765420 S & E-353 4-54

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

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Do not extend notes this side of this line

JOB NO 0074.36 SURVEY OF Famosa Ch. Rd. NOTES RED.
SURVEY BY Harriet DATE
NOTES BY Harriet DATE 6-16-59 NOTES CHKD. R. GOSS
INDEXED C. Johnson DATE

F. B. 2332 Pg. 126

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1244.189					
+	10.482		10.357	10.321		
=	1254.671	+3.679	+ 3.675	+ 3.677		
−	6.803		6.682	6.650		
P# 107	1247.868					
+	10.917		11.048			
=	1258.785	+8.376	+ 8.375			
−	2.541		2.673			
T. P.	1256.244					
+	11.773		11.732			
=	1268.017	+10.170	+10.169			
−	1.603		1.563			
P# 108	1266.414					
+	11.653		11.688			
=	1278.067	+9.792	+ 9.794			
−	1.861		1.894			
T.P.	1276.206					
+	6.735		6.748			
=	1282.941	−3.069	− 3.068			
−	9.804		9.816			
P# 109	1273.137					
+	10.925		10.888			
=	1284.062	+10.124	+ 10.125			
−	0.801		0.763			
T.P.	1283.261					
+	9.257		9.147			
=	1292.518	+8.453	+8.452			
−	0.804		0.695			
T.P.	1291.714					

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1291.714					
+	10.297		10.378			
π	1302.011	+9.670	+9.670			
−	0.627		0.708			
T.P.	1301.384					
+	11.981		11.961			
π	1313.365	+11.657	+11.658			
−	0.324		0.303			
T.P.	1313.041					
+	8.781		8.788			
π	1321.822	+8.581	+8.580			
−	0.200		0.208			
T.P.	1321.622					
+	9.912		9.970	9.938		
π	1331.534	+9.097	+9.089	+9.098		
−	0.815		0.881	0.840		
T.P.	1330.719					
+	10.234		10.318			
π	1340.953	+9.131	+9.129			
−	1.103		1.189			
T.P.	1339.850					
+	9.739		9.750			
π	1349.589	+6.997	+6.999			
−	2.742		2.751			
T.P.	1346.847					
+	10.819		10.858			
π	1357.666	+6.288	+6.288			
−	4.531		4.570			
T.P.	1353.135					

NOTES RED. _____ JOB NO. 0074.36 SURVEY OF Troncos Cñ. Rd.
DATE _____ SURVEY BY Uharriet
NOTES CHKD. C. R. GOSS NOTES BY Uharriet DATE 6-17-59
DATE _____ INDEXED A. C. Johnson DATE _____

F. B 2338 PG. 127

768420 S & E-363 4-54

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

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Do not extend notes this side of this line

JOB NO. 2074.36 SURVEY OF Timms Cyn. Rd. NOTES RED. DATE
SURVEY BY Wharriet NOTES CHKD. R. GOSS
NOTES BY Wharriet DATE 6-17-59
INDEXED C. Jordan DATE

F.B. 2338 PG. 128

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1353.135					
+	4.803		4.871	4.888		
⊼	1357.938	+2.897	+2.892	+2.897		
−	1.906		1.979	1.991		
T.P.	1356.032					
+	11.218		11.201			
⊼	1367.250	+6.580	6.579			
−	4.638		4.622			
T.P.	1362.612					
+	11.375		11.385			
⊼	1373.987	+9.765	+9.765			
−	1.610		1.620			
T.P.	1372.377					
+	9.561		9.569			
⊼	1381.938	+6.943	+6.943			
−	2.618		2.626			
T.P.	1379.320					
+	9.112		9.102			
⊼	1388.432	+0.271	+0.272			
−	8.841		8.830			
P*110	1379.591					
+	7.799		7.839	7.971		
⊼	1387.390	−1.169	−1.251	−1.171		
−	8.968		9.090	9.142		
T.P.	1378.422					
+	0.520		0.484			
⊼	1378.942	−10.332	−10.334			
−	10.852		10.818			
T.P.	1368.090					

76S420 S & E-353 4-54

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1368.090					
+	2.630		2.620	2.615		
π	1370.720	-9.090	-9.095	-9.087		
−	11.720		11.715	11.702		
T.P.	1359.000					
+	3.572		3.330			
π	1362.572	-5.232	-5.232			
−	8.804		8.562			
T.P.	1353.768					
+	10.800		10.782			
π	1364.568	+10.216	+10.217			
−	0.584		0.565			
T.P.	1363.984					
+	10.616		10.639			
π	1374.600	+9.605	+9.602			
−	1.011		1.037			
T.P.	1373.589					
+	9.900		9.924			
π	1383.489	+9.251	+9.253			
−	0.649		0.671			
T.P.	1382.840					
+	10.548		10.601	10.599		
π	1393.388	+9.877	+9.871	+9.876		
−	0.671		0.730	0.723		
T.P.	1392.717					
+	4.497		4.542			
π	1397.214	-4.733	-4.730			
−	9.230		9.272			
T.P.	1387.984					

NOTES RED. _____ JOB NO. 0074.36 SURVEY OF Trancas Cñ. Rd.
DATE _____ SURVEY BY Uharriet
NOTES CHK'D C. R. COSS NOTES BY Uharriet DATE 6-17-59
DATE _____ INDEXED C. Johnson DATE _____

F. B. 2338 PG. 129

765420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 2074.36 SURVEY OF Travers Ch. Rd. NOTES RED.
SURVEY BY Wharrief DATE NOTES CHKD. R. GOSS
NOTES BY Wharrief DATE 6-17-59
INDEXED C. [redacted] DATE

F. B. 2338 Pg. 130

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1387.984					
+	1.310		1.286			
⊼	1389.294	− 7.015	+ 7.014			
−	8.325		8.300			
T.P.	1380.969					
+	1.530		1.586			
⊼	1382.499	− 7.281	− 7.283			
−	8.811		8.869			
T.P.	1373.688					
+	1.340		1.386	1.396		
⊼	1375.028	− 6.321	− 6.317	− 6.321		
−	7.661		7.703	7.717		
T.P.	1367.367					
+	8.131		8.218	8.122		
⊼	1375.585	− 2.773	− 2.767	− 2.768		
−	10.904		10.985	10.890		
T.P.	1364.600					
+	0.990		0.965			
⊼	1365.590	− 10.487	− 10.484			
−	11.477		11.449			
P#111	1354.113					
+	11.489		11.748			
⊼	1365.602	+ 10.420	+ 10.420			
−	1.069		1.328			
T.P.	1364.533					
+	10.942		10.762			
⊼	1375.475	+ 0.564	+ 0.563			
−	10.378		10.199			
T.P.	1365.097					

F. B 2338 PG. 131

NOTES RED _____ JOB NO 007436 SURVEY OF Trancas Cñ. Rd.
DATE _____ SURVEY BY Uharriet
NOTES CHKD. C. R. GOSS NOTES BY Uharriet DATE 6-17-59
DATE _____ INDEXED A. C. Johnson DATE _____

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1365.097					
+	0.351		0.345			
π	1365.448	-3.780	-3.780			
−	4.131		4.125			
P#112	1361.317					
+	2.700		2.740	2.711		
π	1364.017	-8.735	-8.725	-8.738		
−	11.435		11.465	11.449		
T.P.	1352.582					
+	3.169		3.138			
π	1355.751	-8.532	-8.531			
−	11.701		11.669			
B.M.T-13	1344.050					

76S420 S & E-353 4-54

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN. RD
Map No.	IN 0074.36 Tape Std. °F
Office Work	Surveyed by W. S. COWHE
Checked	Notes W. S. C. Date 10-21-57
Date	Indexed A. C. Johnson 9-4-59

F. B. 2338 PG. 133

PHOTOGRMMETRIC CONTROL STA'S
TRANCAS CANYON

T.C. 16 To T.C. 25

HORIZONTAL & VERTICAL CONTROL POINTS IN TRANCAS CYN. ESTABLISHED BY TRIANGULATION FOR AERIAL PHOTOGRAMMETRY

"NOTE"

THIS TRIANGULATION NET IS TIED INTO A NET IN TRANCAS CYN. RUN BY GEODETIC PARTY IN 1957 FOR "FLOOD HAZARD SURVEY" IN SANTA MONICA MT'S SEE FB 2267 - ALSO "G" BOOKS FOR ANGLES. SAME LETTERING USED TRANCAS CYN (T.C.) STARTING WITH NUMBER 16 TO 25 TO CARRY NET UP TRANCAS CYN. TO EAST ENCINAL CYN RD & TIEING INTO USC&GS A STA'S SAGE (D-4) & LA CO. A STA. DUME POINT I-1 & H-3

PARTY
W. S. COWHERE
J. TERRANOVA
R. GILFOY
M. WACKER

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

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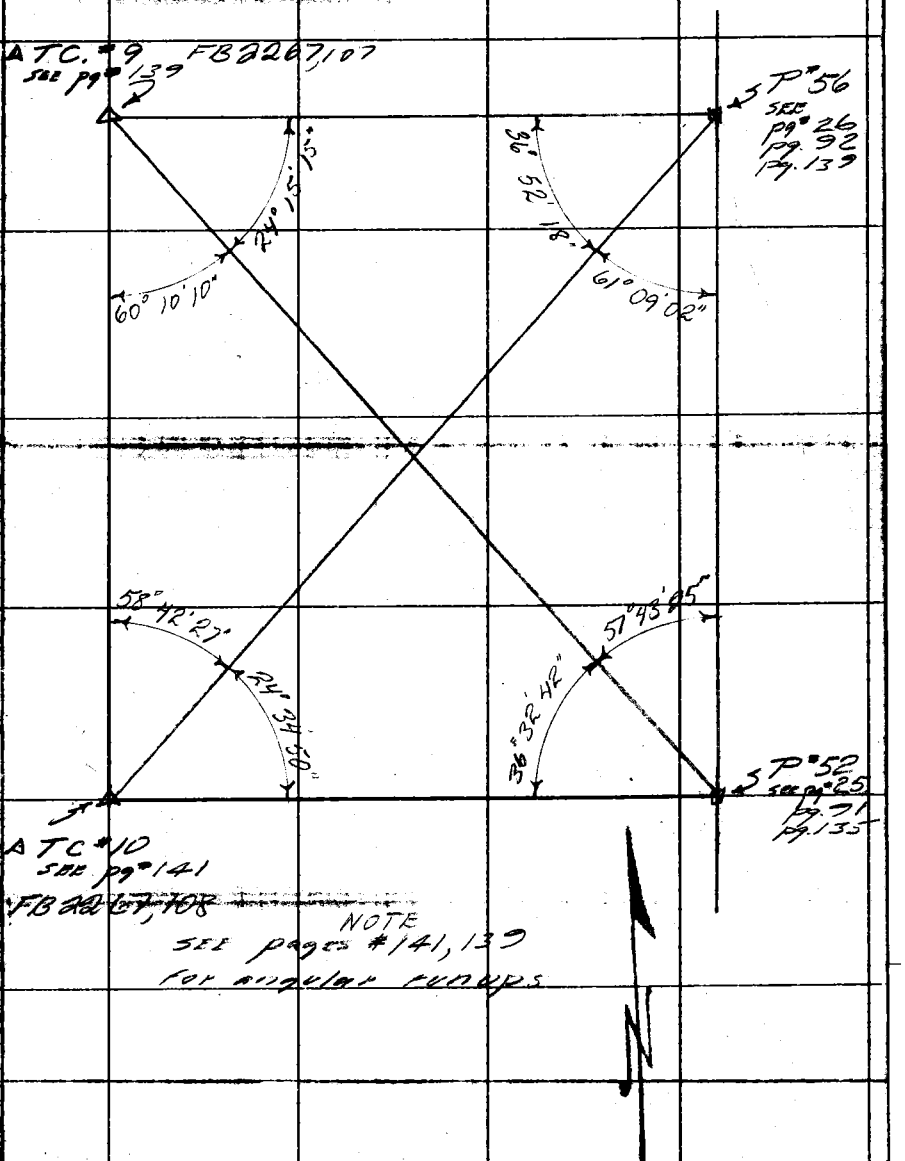
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

Notes Ck'd by C. R. GOSS	Survey of Trancas Cyn Rd
Map No.	W. O. 0074.36 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W. S. C Date 10-21-57
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 135

TIE FROM P-LINE AT P#52 & P#56
TO △ STA's T.C.#9 & TC#10
Per FB 2267 pages 107, 108



NOTE
SEE pages #141, 139
for angular runups

TRANSIT AT	STATION	F.B.	PG	H.I.+
Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
	-Rod					

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

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

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

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

Do not extend notes this side of this line.

TRANSIT AT STATION P"52 F.B. 2338 PG 25,91 H.I. + 4.57

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
TC"10	10'	+ 1 42 40 + 1 42 40 + 1° 42' 40"					
TC"9	10'	+ 4 05 40 + 4 05 20 + 4° 05' 30"					

TRANSIT AT STA. P"56 FB 2338 PG 26,92 H.I. + 4.60

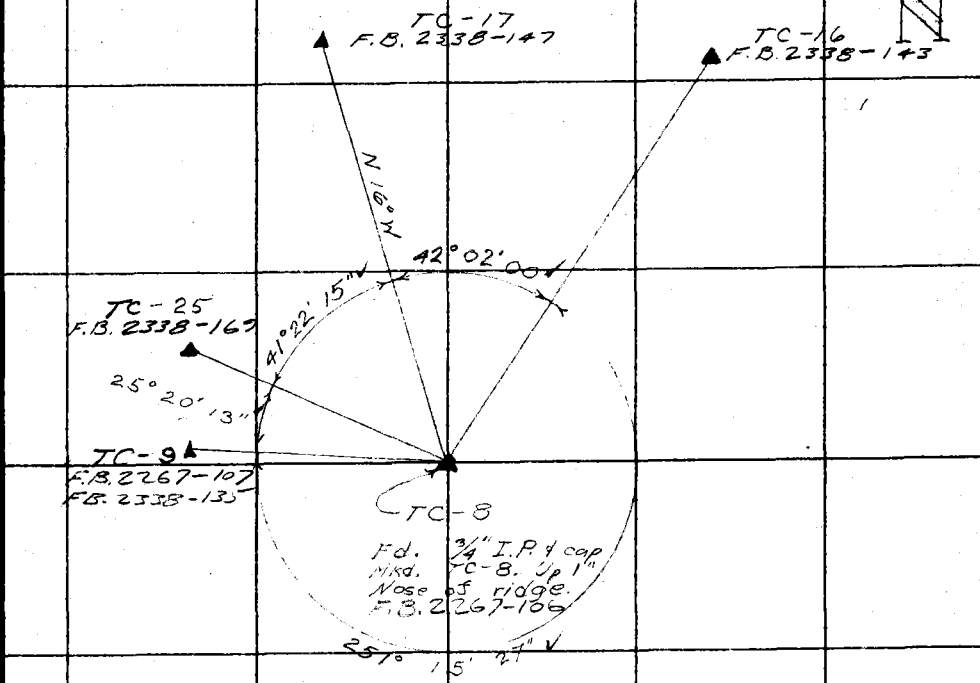
Sight on	Rod	+ Vertical Angle -					
TC"10	10'	+ 0 26 00 + 0 26 00 + 0° 26' 00"					
TC"9	10'	+ 3 33 20 + 3 33 00 + 3° 33' 10"					

F.B. 2338 PG. 136

Notes Ck'd by C. R. GOSS	Survey of Trancas Cñ. Rd.
Map No.	JN 0074.36 Tape Std °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes C. V. Crowe Date 10-28-57
Date	Indexed A. C. Johnson

F. B. 2338 PG. 137

— T.C. # 8 —



TC-9 to TC-25

2)	50	40	20
4)	101	20	50
6)	152	01	20
	25°	20'	13" ✓

TC-25 to TC-17

2)	82	44	20
4)	165	29	10
6)	248	13	30
	41°	22'	15" ✓

TC-17 to TC-16

2)	84	03	40
4)	168	08	00
6)	252	12	00
	42°	02'	00" ✓

TC-16 to TC-9

2)	142	30	40
4)	285	01	40
6)	67	32	40
	251°	15'	27" ✓

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76F3098 S&E #247 1-56

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Transit at station TC-8 F.B. 2338 Pg. 137 HI = 4.58'

Sight on	Rod	+ Vertical Angle − Angle	Horizontal Distance	+ Vertical − Distance	+ Curvature Correction	+ Difference Elevation	Adjusted Diff. Elev.
TC-16	-10'	+ 6° 45' 20 + 6° 45' 00 + 6° 45' 10"					
TC-17	-10'	+ 6 07 40 + 6 07 20 + 6° 07' 30"					
TC-25	-10'	− 1 52 40 − 1 52 40 − 1° 52' 40"					
TC-9	-10'	− 2° 52 40 − 2 52 40 − 2° 52' 40"					

F. B. 2338 Pg. 138

Notes Ck'd by C. R. GOSS	Survey of Francas Can Rd	F. B 2338 Pg. 139
Map No.	W. O. 0074.36 Tape No. St'd. 84 °F	
Office Work	Surveyed by W. S. Cowherd	— T.C. # 9 —
Checked	Notes W. S. C. Date 10-29-57	
Date	Indexed A. C. Johnson	

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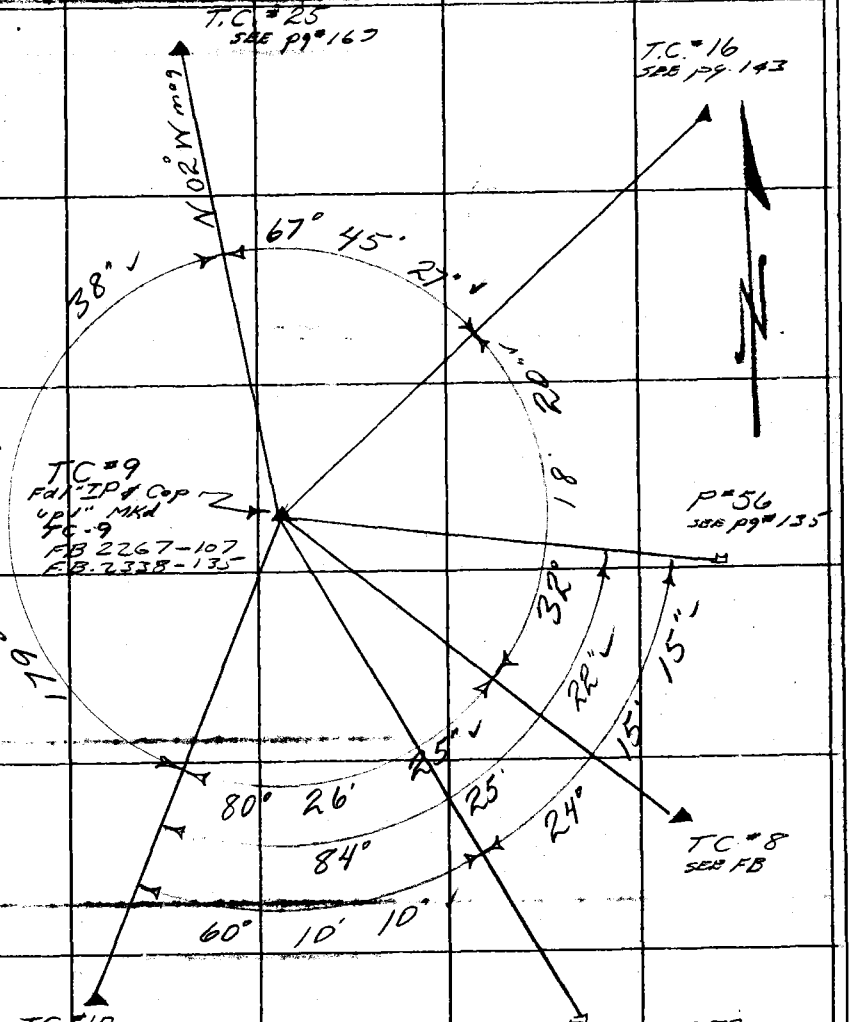
TRANSIT AT STATION F.B. PG H.I. +

Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature - Correction	+ Difference - Elevation	Adjusted Diff. Elev.
-Rod	(2) 64 36 40	(2) 358 59 20	(2) 168 50 40			
	(4) 129 13 20	(4) 357 58 40	(4) 337 41 30			
	(6) 193 50 00	(6) 356 57 50	(6) 146 32 10			
	32 18 20 ✓	179 29 38 ✓	84 25 22 ✓			
	(2) 48 30 20	(2) 135 31 00	(2) 160 52 40			
	(4) 97 01 00	(4) 271 01 50	(4) 321 45 40			
	(6) 145 31 30	(6) 46 32 40	(6) 122 38 30			
	24 15 15 ✓	67 45 27 ✓	80 26 25 ✓			
	(2) 120 20 20					
	(4) 240 40 30					
	(6) 01 01 00					
	60 10 10 ✓					



76F309S S&E #247. 8-54

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TRANSIT AT STATION TC-9 F.B. 2338 PG 139 H.I. +4.87

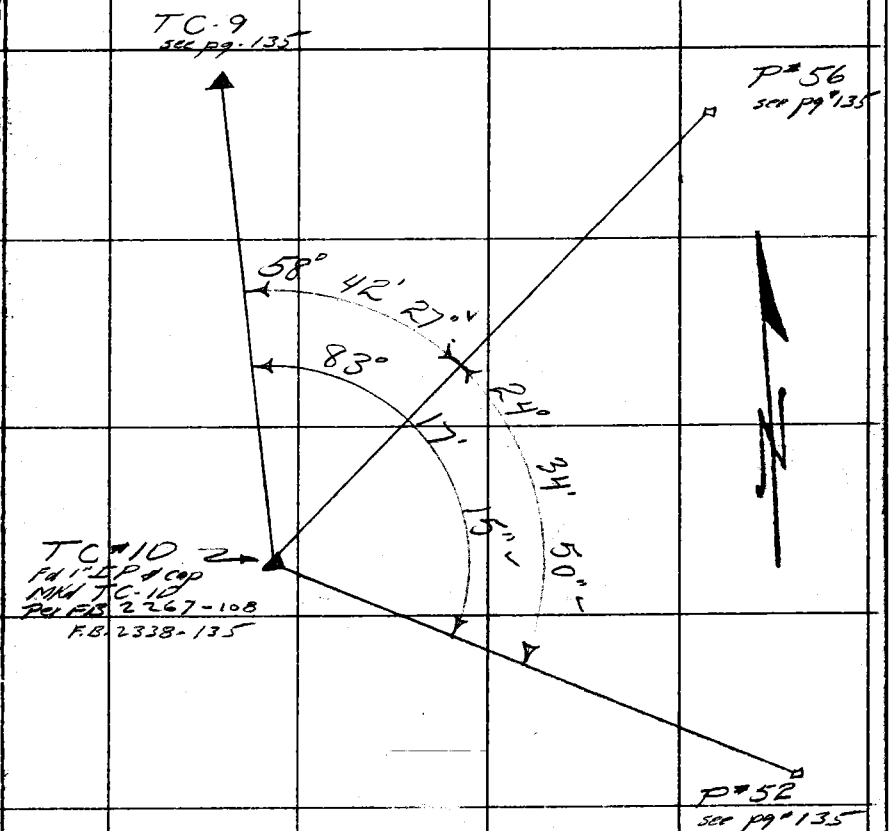
Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
TC 25	10'	+1 21 00 +1 20 40 +1° 20' 50"					
TC 16	10'	+5 46 20 +5 46 20 +5° 46' 20"					
TC 8	10'	+3 03 00 +3 03 00 +3° 03' 00"					
TC 10	10'	−4 09 40 −4 09 40 −4° 09' 40"					

F.B. 2338 PG 140

Notes Ck'd by C. R. GOSS	Survey of Trancas Cyn Rd
Map No.	W. O. 0074 38 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowhem
Checked	Notes W.S.C. Date 10-30-57
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 141

— T.C. #10 —



(2)	166	34	40		(2)	117	25	00			
(4)	333	09	10		(4)	234	49	40			
(6)	139	43	30		(6)	352	14	40			
	83	17	15 ✓			58	42	27 ✓			

(2)	49	09	40
(4)	98	19	10
(6)	147	29	00
	24	34	50 ✓

TRANSIT AT STATION											
Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.

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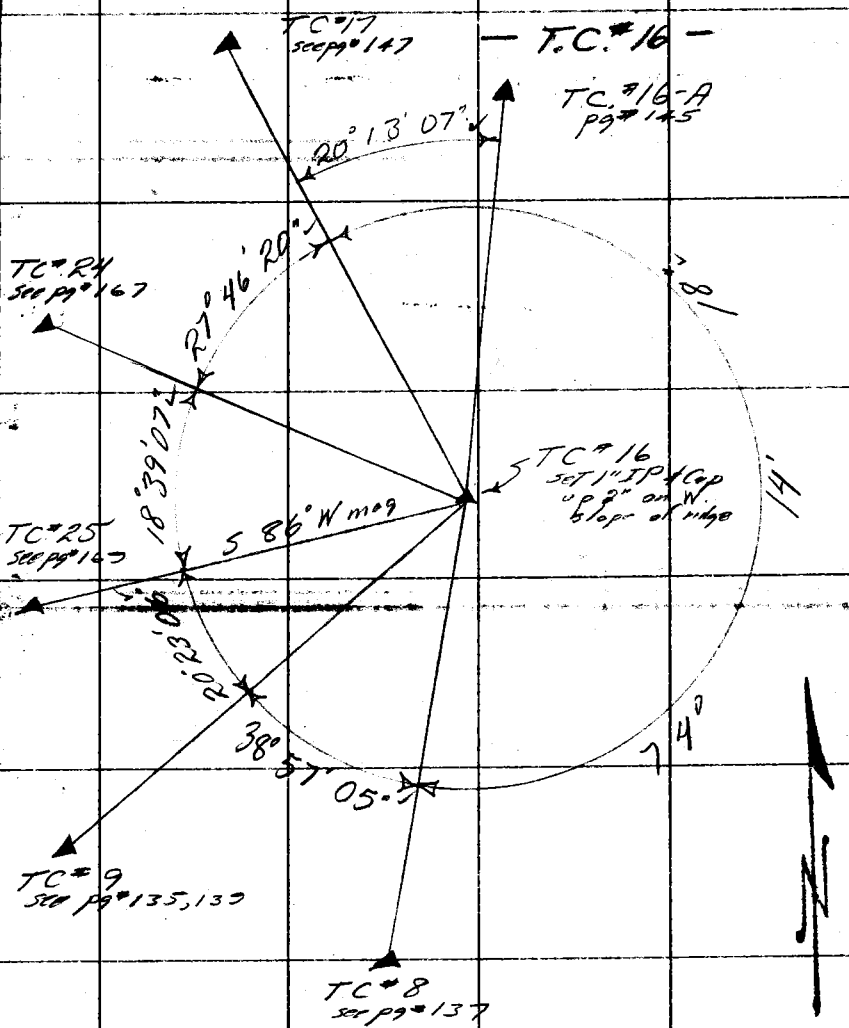
Pg. ~~TRANSIT AT~~ STATION FC-10 F.B. 2336 Pg. 141 B.M. 4.83

Sight on	Rod	Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
TC-9	10	+ 4 31 40 + 4 32 00 + 4 31 50					

F.B. 2336 Pg. 142

Notes Ck'd by C. R. GOSS	Survey of Trancas Can Rd
Map No.	W. O. 0074.36 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowhead
Checked	Notes W.S.C. Date 10-30-57
Date	Indexed A. C. Johnson

F. B. 2338 PG. 143



TRANSIT AT STATION	+ Vertical	Horizontal	+ Vertical	+ Curvature	+Difference	Adjusted
Sight	- Angle	Distance	- Distance	Correction	- Elevation	Diff. Elev.
on	-Rod					

(2)	37	18	00	(2)	77	54	20	(2)	148	28	30
(4)	74	36	10	(4)	155	48	10	(4)	296	57	10
(6)	111	54	40	(6)	233	42	30	(6)	85	25	50
	18	39	07 ✓		38	57	05 ✓		74	14	18 ✓

(2)	55	32	40	(2)	40	46	00	(2)	40	26	00
(4)	111	05	20	(4)	81	32	10	(4)	80	52	20
(6)	166	38	00	(6)	122	18	40	(6)	121	18	40
	27	46	20 ✓		20	23	06 ✓		20	13	07 ✓

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TRANSIT AT STATION TC#16 F.B. 2338 PG 143 H.I. + 4.45

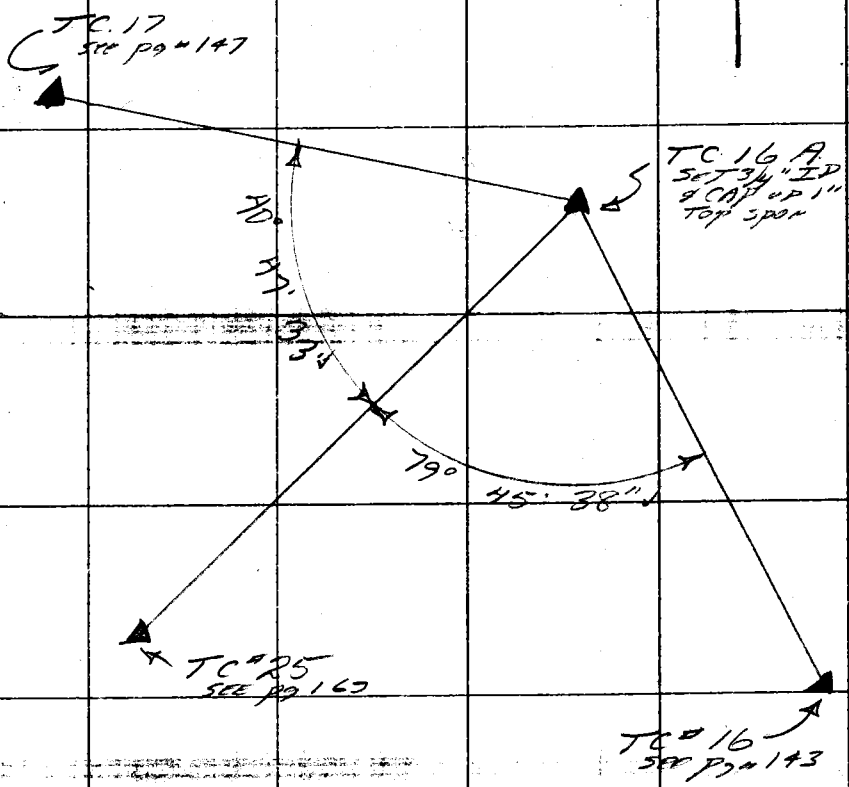
Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
TC#8	10'	- 6 31 20 - 6 31 00 - 6 31 10					
TC#9	10'	- 5 40 00 - 5 40 00 - 5 40 00					
TC#25	10'	- 5 40 00 - 5 40 00 - 5 40 00					
TC#24	10'	- 3 59 40 - 3 59 40 - 3 59 40					
TC#17	10'	+ 3 32 40 + 3 32 20 + 3 32 30					
TC#16A	10'	+ 05 57 00 + 05 57 20 + 05 57 10					

F.B. 2338 PG. 144

Notes Ck'd by C. R. GOSS	Survey of Frances Cyn Rd
Map No.	W. O. [illegible] Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W.S.C. Date 1-9-59
Date	Indexed C. Johnson

F. B. 2338 Pg. 145

TC # 16 A



TRANSIT AT	STATION	F.B.	PG	H.I. +
Sight on	+ Vertical - Rod	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction
	+ Vertical - Angle		+ Difference - Elevation	Adjusted Diff. Elev.

(2)	159	31	10 +	(2)	81	35	00
(4)	319	02	30	(4)	163	10	10
(6)	118	33	50 +	(6)	244	45	20
	79	45	38 ✓		40	47	33 ✓

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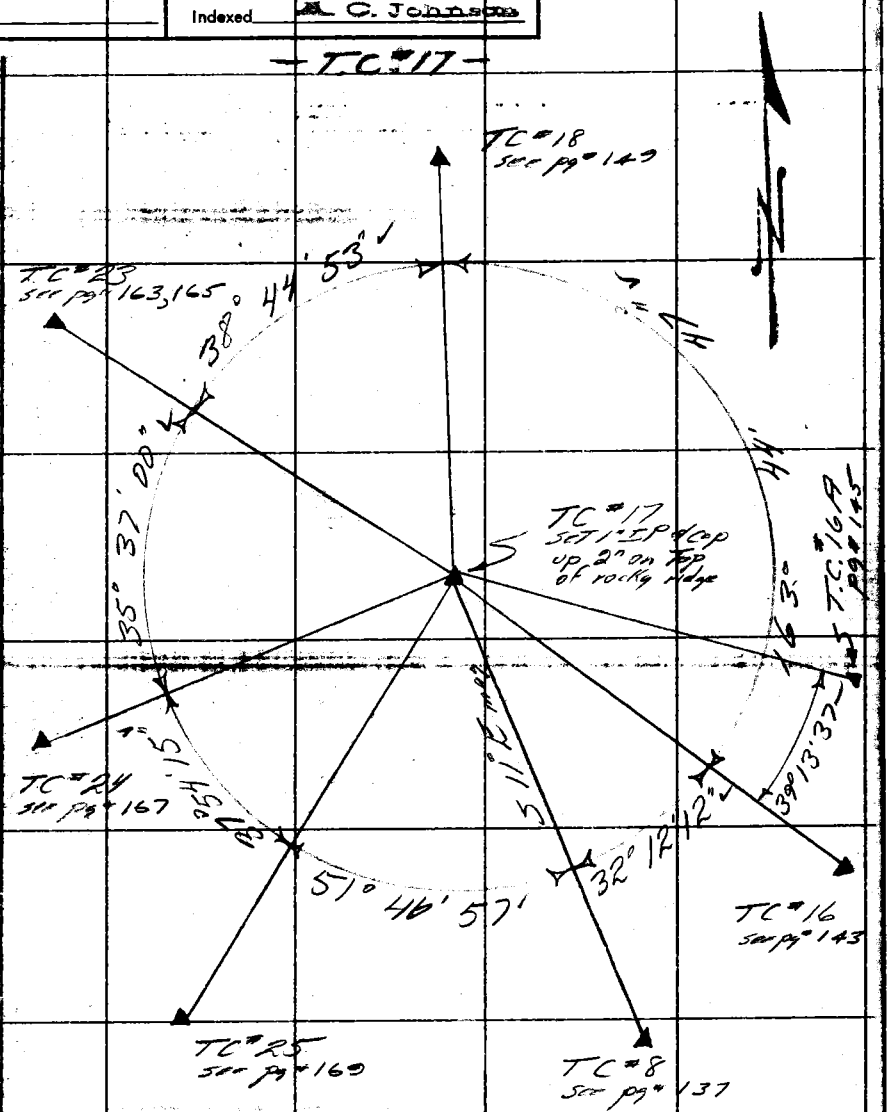
TRANSIT AT STATION TC 16-A F.B. 2338 PG 145 H.I. + 4.48

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical Distance	+ Curvature Correction	+ Difference Elevation	Adjusted Diff. Elev.
		− 05 42 00					
TC 16	10.00	− 05 41 40					
		− 05 41 50					
		− 9 31 20					
TC 25	10.00	− 9 31 20					
		− 9 31 20					
		− 01 51 00					
TC 17	10.00	− 01 50 40					
		− 01 50 50					

F.B. 2338 PG. 146

Notes Ck'd by C. R. GOSS	Survey of Francas Cyn Rd	F. B. 2338 Pg. 147
Map No.	W. O. 0074.36 Tape No. St'd. 84 °F	
Office Work	Surveyed by W. S. Cowherd	
Checked	Notes W.S.C. Date 10-10-57	
Date	Indexed A. C. Johnson	



(2)	71°	14	00	(2)	103	34	10	(2)	75	48	40
(4)	142	28	10	(4)	207	07	50	(4)	151	37	10
(6)	213	42	00	(6)	310	41	40	6	227	25	30
	35°	37'	00"		51°	46'	57"		37°	54'	15
(2)	64	24	20	(2)	327	29	40	(2)	77	30	00
(4)	128	48	40	(4)	294	59	20	(4)	155	00	00
(6)	193	13	10	(6)	262	28	40	(6)	232	29	20
	32°	12'	12"		163°	44'	47"		38°	44'	53
(2)	78	27	10								
(4)	156	54	20								
(6)	235	21	40								
	39	13	37								

TRANSIT AT STATION F.B. PG. H.I. +

Sight on - Rod - Angle Distance - Distance Correction - Elevation Diff. Elev.

+ Vertical Horizontal + Vertical + Curvature + Difference Adjusted

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TRANSIT AT STATION TC-17 F.B. 2338 PG 147 H.I. + 4.77

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
TC-16	10.00	- 3° 21' 40"					
		- 3° 21' 30"					
TC-8	10.00	- 6° 01' 40"					
		- 6° 01' 30"					
TC-25	10.00	- 11° 18' 30"					
		- 11° 17' 45"					
TC-24	10.00	- 10° 52' 30"					
		- 10° 52' 30"					
TC-23	10.00	- 7° 43' 40"					
		- 7° 43' 30"					
TC16A	10.00	+ 02° 18' 40"					
		+ 02° 19' 00"					
		+ 02° 18' 50"					

F.B. 2338 PG 147

76F3095 S&E #247, 8-54

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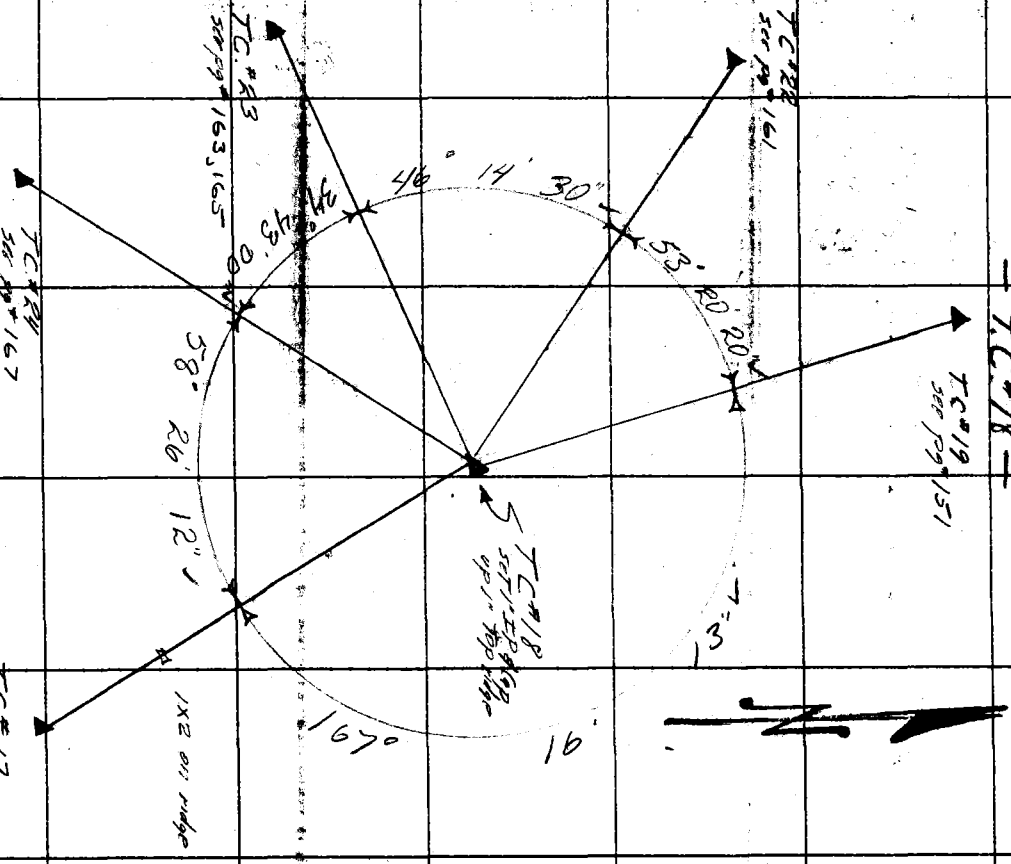
TRANSIT AT STATION _____ F.B. _____ PG. _____ H.I.+ _____

Sight on	-Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
(a)	11	92					
(b)	6.58	184					
(c)	3.57	276					
	5.8	46					
(a)	11	29					
(b)	6.58	58					
(c)	3.57	87					
	2.6	4					
(a)	11	30					
(b)	6.58	60					
(c)	3.57	90					
	1.21	30					
(a)	11	31					
(b)	6.58	62					
(c)	3.57	93					
	1.21	32					
(a)	11	33					
(b)	6.58	66					
(c)	3.57	99					
	1.21	33					
(a)	11	34					
(b)	6.58	68					
(c)	3.57	102					
	1.21	34					
(a)	11	35					
(b)	6.58	70					
(c)	3.57	105					
	1.21	35					
(a)	11	36					
(b)	6.58	72					
(c)	3.57	108					
	1.21	36					



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

Survey of Tentative Tract 12
W. O. 0822 Tape No. _____ Sr'd 57 of
Surveyed by M.S.C. Date 11-6-57
Notes _____
Indexed _____

F. B. 23358 Pg. 149

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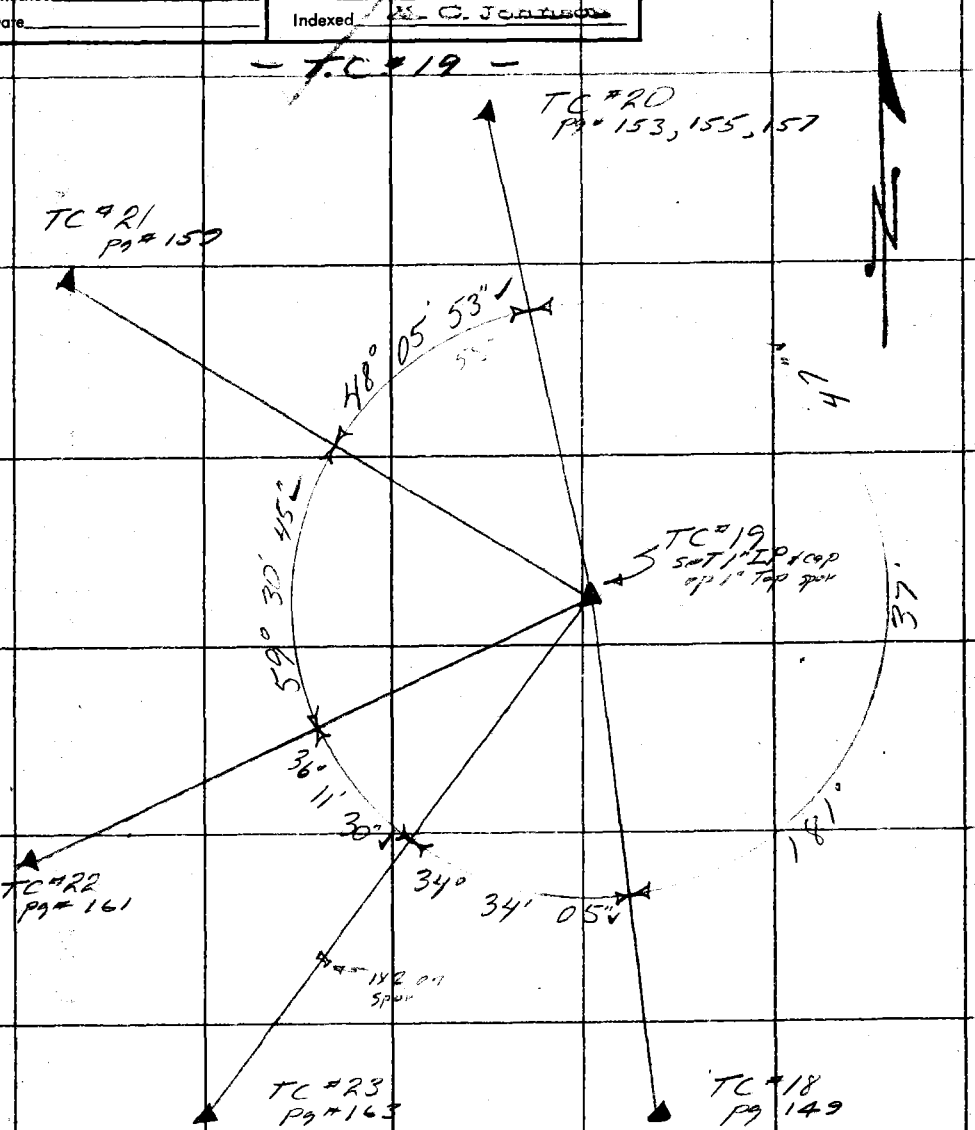
TRANSIT AT TC# 18. FB 2338 PG 140 HI + 4.72

SIGHT ON	+ ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	+ CURVATURE CORRECTION	+ DIFFERENCE - ELEV.	ADJ DIFF ELEV + -
TC# 24	10'	- 11 42 40					
		- 11 42 20					
		- 11° 42' 30"					
TC# 23	10'	- 15 20 20					
		- 15 20 00					
		- 15° 20' 10"					
TC# 22	10'	- 7 14 40					
		- 7 14 20					
		- 7° 14' 30"					
TC# 19	10'	- 4 09 20					
		- 4 09 00					
		- 4° 09' 10"					

F.B. 2338 PG. 139

Notes Ck'd by C. P. GOSS	Survey of Francas Cyn Rd
Map No.	W. O. 0074.36 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W. S. C. Date 10-10-57
Date	Indexed [illegible]

F. B. 2338 Pg. 151



(2)	69	08	10	(2)	72	22	50	(2)	119	01	40
(4)	138	16	20	(4)	144	46	00	(4)	238	03	00
(6)	207	24	30	(6)	217	09	00	(6)	357	04	30
	34	34	05		36	11	30		59	30	45

(2)	96	11	50	(2)	363	15	40
(4)	192	23	40	(4)	06	31	20
(6)	288	35	20	(6)	09	46	40
	48	05	53		181	37	47

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TRANSIT AT STATION TC #19 F.B. 2338 PG 151 H.I. + 4.84

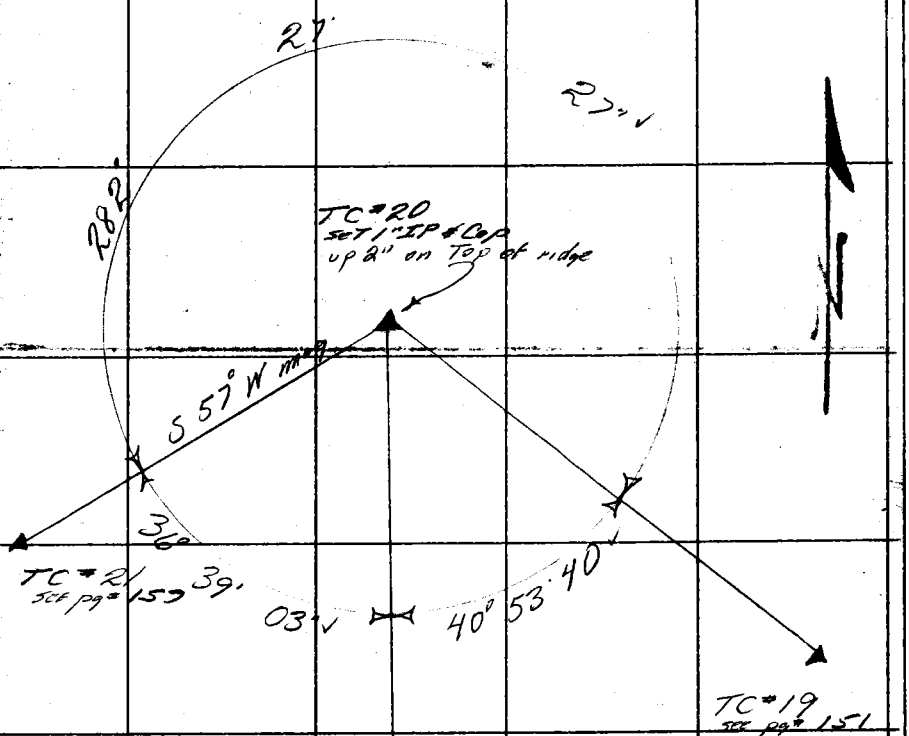
Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
TC #18	10.00	+ 4 21 00 + 4 21 20 + 4 21 10					
TC #22	10.00	- 4 09 40 - 4 09 20 - 4 09 30					
TC #21	10.00	- 0 55 20 - 0 55 40 - 0 55 30					
TC #20	10.00	- 2 39 40 - 2 39 20 - 2 39 30					

F.B. 2338 PG. 152

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN. RD
Map No.	W. O. 1074.36 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W.S.C Date 10-31-57
Date	Indexed ~~A. C. Johnson~~

F. B. 2338 Pg. 153

— T.C. #20 —



TRANSIT AT	STATION	F.B.	PG	H.I. +											
Sight on	+ Vertical - Rod	+ Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.								
			(2)	204	55	00	(2)	81	47	10	(2)	73	18	20
			(4)	49	50	00	(4)	163	34	40	(4)	146	36	00
			(6)	254	44	40	(6)	245	22	00	(6)	219	54	20
				282	27	27 ✓		40	53	40 ✓		36	39	03 ✓

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TRANSIT AT STATION TC#20 F.B. 2338 PG _____ H.I. + 4.71

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
TC#19	10'	+ 2 56 20 + 2 56 40 + 2° 56' 30"					
		- 1 20 40 - 1 20 20 - 1° 20' 30"					
TC#22	10'						
TC#21	10'	+ 1 50 00 + 1 50 00 + 1° 50' 00"					

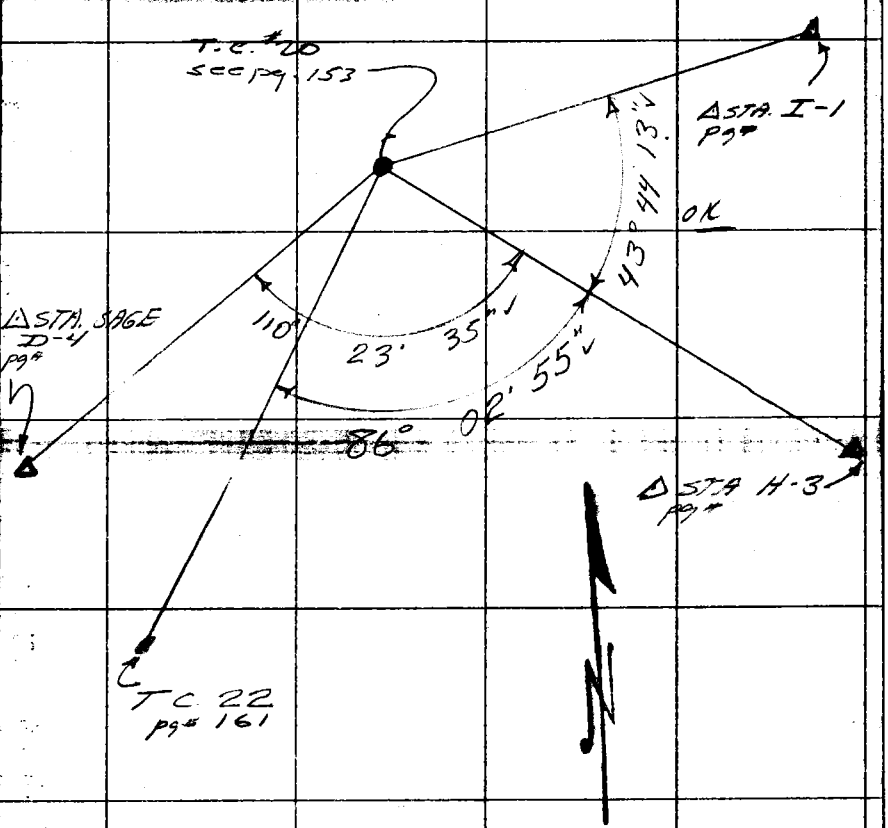
F.B. 2338 PG. 154

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN RD
Map No.	W. O. 007496 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Date 12
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 155

— T.C. 20 —

TIE TO GEODETIC TRIANGULATION SYSTEM



TRANSIT AT	STATION	F.B.	PG	H.I.+
Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.

(2)	220	47	00	(2)	87	28	20	(2)	172	05	40
(4)	81	34	10	(4)	174	56	50	(4)	344	11	40
(6)	302	21	30	(6)	262	25	20	(6)	156	17	30
	110	23	35		43	44	13		86	02	55

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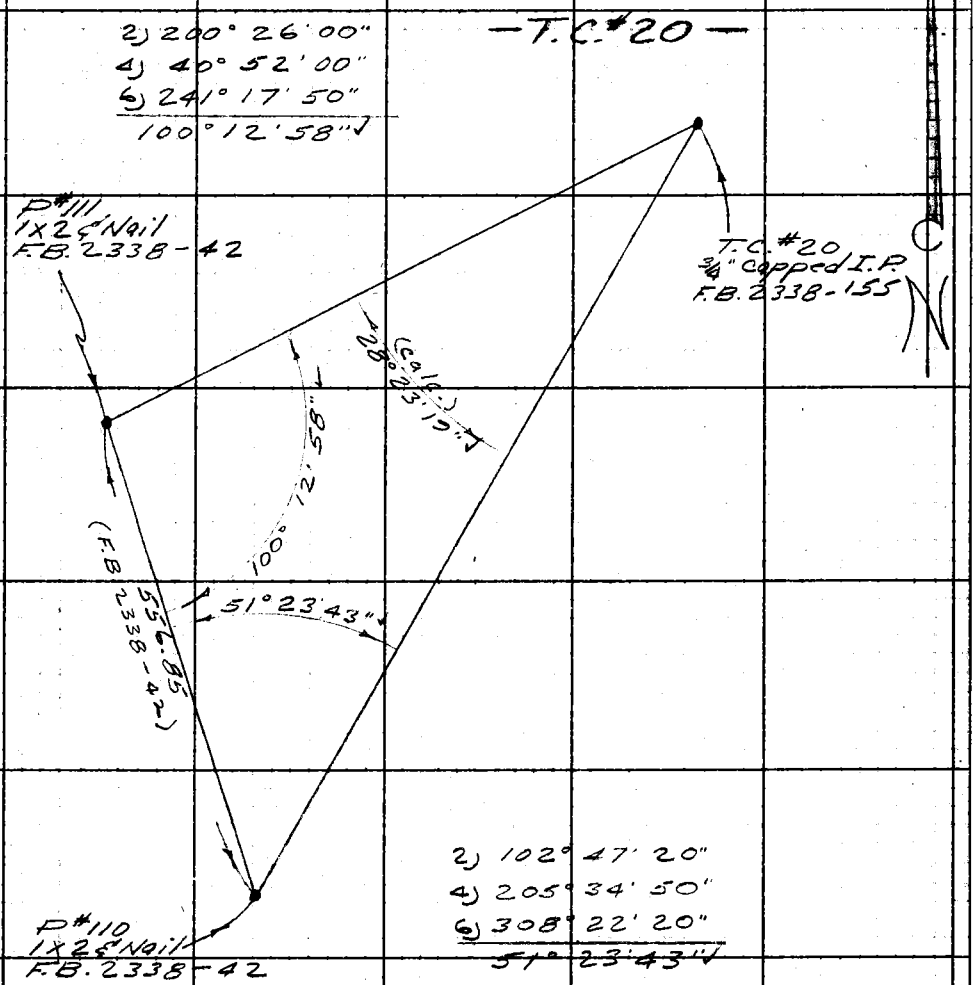
TRANSIT AT STATION TC-20 F.B. 2338 PG 155 H.I. +4.71

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
I-1	10.00	+5 22 00 +5 22 20 +5 22 10					
H-3	10.00	+7 35 00 +7 35 00 +7 35 00					
D-4	10.00	+2 40 40 +2 41 00 +2 40 50					

F.B. 2338 PG 156

Notes Ck'd by C. R. GOSS	Survey of Trancas Cñ. Rd.
Map No.	JN 0074.36 Tape Std °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 7-8-52
Date	Indexed A. C. Johnson

F. B. 2338 PG. 157



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763098 CE #247—7-53

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Transit at station P#110 F.B. 2338 Pg. 42, 128 H.I. 4.99

Sight on	-Rod	+ −	Vertical Angle	Horizontal Distance	+ −	Vertical Distance	+ Curvature Correction	+ −	Difference Elevation	Adjusted Diff. Elev.
T.C.#20	10'	+	2°43'00"							
		+	2°43'20"							
		+	2°43'10"							
	5'	+	2°28'40"							
		+	2°28'20"							
		+	2°28'30"							

Transit at station P#111 F.B. 2338 Pg. 42, 130 H.I. 4.82

T.C.#20	10'	+	5°00'40"							
		+	5°01'00"							
		+	5°00'50"							
	5'	+	4°42'40"							
		+	4°42'20"							
		+	4°42'30"							

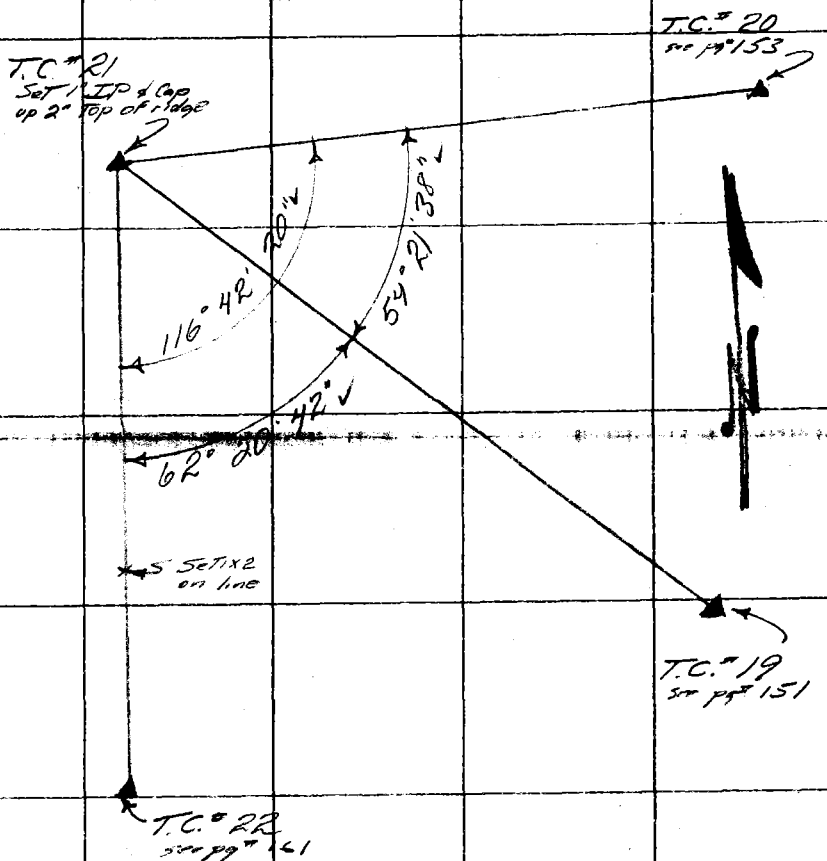
F.B. 2338 PG. 158

Notes Ck'd by C. R. GOSS	Survey of Trancas Can Rd
Map No.	W. O. 007436 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W. S. C Date 12-04-58
Date	Indexed A. C. Johnson

F. B. 2336 PG. 159

- T.C. #21 -

TRANSIT AT	STATION	F.B.	PG	H.I. +
Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.



(2) 233 24 40	(2) 124 41 20	(2) 108 43 20
(4) 106 49 20	(4) 249 22 40	(4) 217 26 30
(6) 340 14 00	(6) 14 04 10	(6) 326 09 50
116 42 20	62 20 42	54 21 38

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76F3095 S&E #247. 8-54

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TRANSIT AT STATION TC 21 T.B. 2338 PG 152 H.I. 4.56 H.I. = 4.55

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical Distance	+ Curvature Correction	+ Difference Elevation	Adjusted Diff. Elev.
		- 01° 31' 00"					
TC 20	10.00	- 01 31 00					
		- 01 31 00					
		+ 01 09 40					
TC 19	10.00	+ 01 09 40					
		+ 01 09 40					

F.B. 2338 Pg. 160

F. B. 2330 PG. 161

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

Survey of Trancas Cyn Rd
W. O. 00749 Tape No. St'd. 84 °F
Surveyed by W. S. Cowherd
Notes W. S. C Date 10-8-52
Indexed K. C. Johnson

-T.C. # 22-

(2)	53	17	40	(2)	63	00	00	(2)	111	48	10
(4)	106	35	20	(4)	125	59	50	(4)	223	36	20
(6)	159	53	00	(6)	188	59	40	(6)	335	25	00
	26	38	50 ✓		31	29	57 ✓		55	54	10 ✓

(2)	87	49	00	(2)	44	04	50	(2)	115	59	50
(4)	175	38	20	(4)	88	09	40	(4)	231	59	30
(6)	263	27	30	(6)	132	14	40	(6)	347	59	20
	43	54	35 ✓		202	02	27 ✓		57	59	53 ✓

Sight on | TRANSIT AT STATION | + Vertical - Angle | Horizontal Distance | + Vertical - Distance | + Curvature Correction | + Difference - Elevation | Adjusted Diff. Elev.

F.B. PG H.I.+

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TRANSIT AT TC #22 F.B. 2338 Pg 161 HI = 4.74

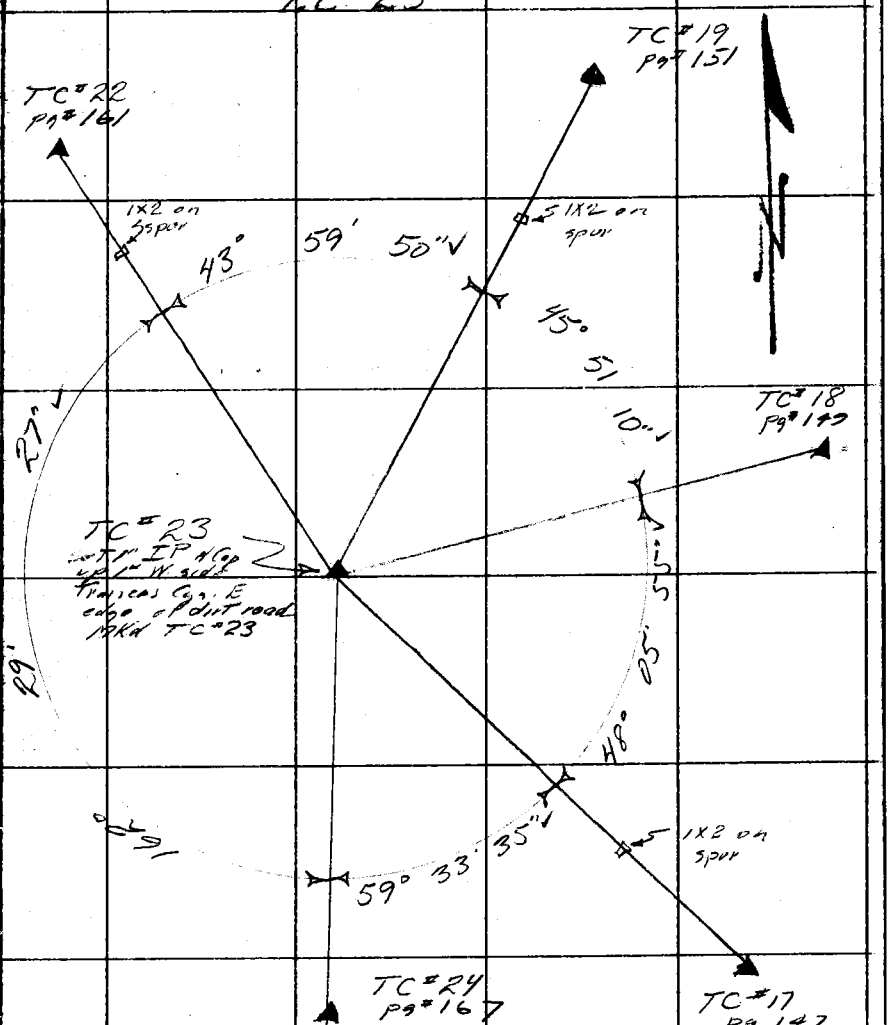
Sight Sta	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Corr	+ Diff Elev	Adj Diff Elev
TC#20	10.00	+01 28 20 +01 28 40 +01 28 30					
TC#19	10.00	+04 23 00 +04 23 00 +04 23 00					
TC#18	10.00	+07 25 00 +07 25 00 +07 25 00					
△ DUMB H-3	10.00	+07 16 20 +07 16 40 +07 16 30					

F.B. 2338 PG. 162

Notes Ck'd by C. R. GOSS	Survey of Trancas Cyn Rd
Map No.	W. O. 007436 Tape No. Sr'd. 84 °F
Office Work	Surveyed by W. S. Cawhead
Checked	Notes W.S.C Date 10/10/57
Date	Indexed A. C. Johnson

F. B. 2336 Pg. 163

- TC # 23 -



TRANSIT AT	STATION											
Sight on	+ Vertical - Angle	(2)	324	59	00	(2)	96	11	40	(2)	119	07	00
		(4)	289	57	40	(4)	192	23	40	(4)	238	14	20
		(6)	254	56	40	(6)	288	35	30	(6)	357	21	30
			162	29	27		48	05	55		59	33	35
	-Rod	(2)	87	59	40	(2)	91	42	20				
		(4)	175	59	10	(4)	183	24	40				
		(6)	263	59	00	(6)	275	07	00				
			43	59	50		45	51	10				

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TRANSIT AT STATION 22+23 F.B. 2338 PG. 114 H.I. 4.69

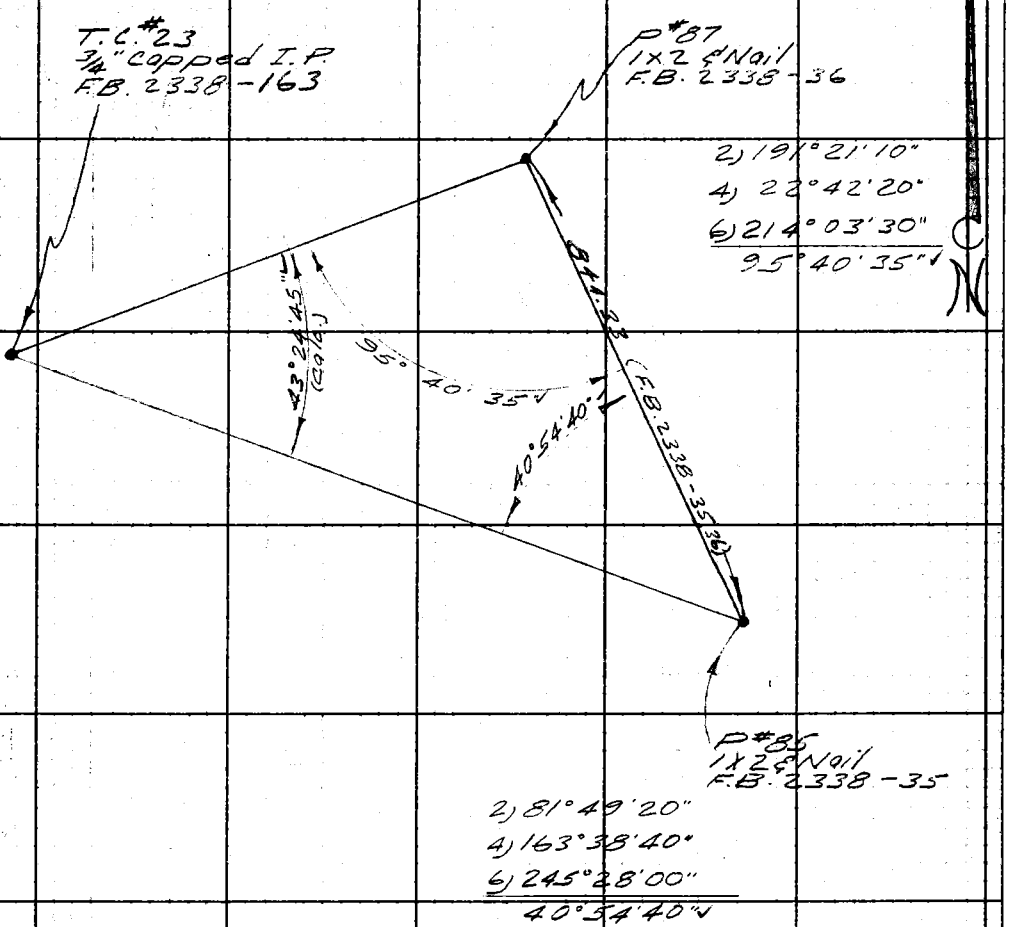
Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
TC #18	10.00	+ 15 34 30 + 15 34 40 + 15 34 35					
TC #17	10.00	+ 7 52 00 + 7 52 [illegible] + 7 52 [illegible]					

F.B. 2338 PG. 114

Notes Ck'd by C. R. GOSS	Survey of Frances Ct. Rd.
Map No.	IN 07+36 Tape Std °F.
Office Work	Surveyed by Uhorriet
Checked	Notes Uhorriet Date 6-26-52
Date	Indexed J. C. Johnson

F. B. 2338 PG. 165

- T.C.#23 -



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763095 CE #247—7-53

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Transit at Station P#85 F.B. 2338 Pg. 35, 108 H.I. +4.35

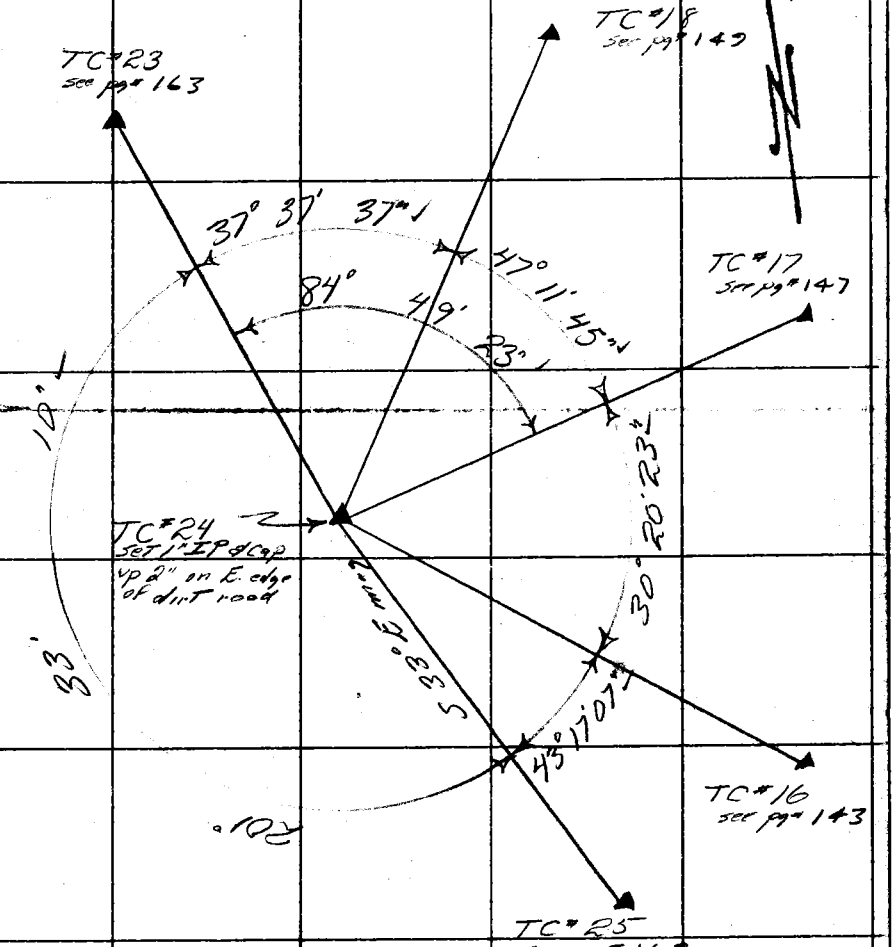
Sight On	Rod	+ − Vertical Angle	Horizontal Distance	+ − Vertical Distance	+ Curvature Correction	+ − Difference Elevation	Adjusted Diff. Elev.
T.C.#23	10'	− 2° 21' 50" − 2° 21' 40" − 2° 21' 45"					
	5'	− 2° 35' 20" − 2° 35' 30" − 2° 35' 25"					
Transit at Station P#87			F.B. 2338		Pg. 36, 112	H.I. +4.64	
T.C.#23	10'	− 3° 41' 20" − 3° 41' 00" − 3° 41' 10"					
	5'	− 4° 02' 00" − 4° 02' 20" − 4° 02' 10"					

F.B. 2338 PG. 166

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN Rd
Map No.	W. O. 807436 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W.S.C Date 11-4-57
Date	Indexed C. Johnson

F. B. 2338 PG. 167

— T.C. #24 —



TRANSIT AT	STATION	F.B.	PG	H.I. +
Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.

(2)	75	15	10	(2)	60	40	30	(2)	43	06	30
(4)	150	30	30	(4)	121	21	40	(4)	86	13	00
(6)	225	45	40	(6)	182	02	20	(6)	129	19	00
	37	37	37		30	20	23		201	33	10

(2)	94	23	50	(2)	86	34	20	(2)	169	38	50
(4)	188	47	00	(4)	173	08	30	(4)	339	17	40
(6)	283	10	30	(6)	259	42	40	(6)	148	56	20
	47	11	45		43	17	07		84	49	23

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76F3095 S&E #247. 8-54

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TRANSIT AT STATION TC"24 F.B. 2338 PG 167 H.I. + 4.92

Sight on	Rod	+ Vertical ▲ Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
TC"18	10'	+ 11 51 00 + 11 51 30 + 11° 51' 15"					
		+ 11 08 20					
TC"17	10'	+ 11 08 10 + 11° 02' 30"					
		+ 04 04 40					
TC"16	10'	+ 04 05 00 + 04° 04' 50"					
		- 01 04 00					
TC"25	10'	- 01 03 40 - 01° 03' 50"					

F.B. 2338 Pg 168

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

Survey of Frances Cyn Rd
W. O. 00743 Tape No. Std. 84 °F
Surveyed by W. S. Cowhera
Notes W. S. C Date 10-31-57
Indexed C. Johnson

F. B. 2838 Pg. 163

Transit at Sta. P.I. H.I. +

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical Correction	+ Curvature = Elevation	Difference Adjusted Diff. Elev.
(2)	7.36	56 40				
(4)	2.13	53 20				
(6)	0.50	50 10				
	6.0	28 22				
(2)	9.99	11 00				
(4)	1.98	21 50				
(6)	2.97	33 00				
	4.9	35 30				
(2)	6.7	11 20				
(4)	1.34	22 58				
(6)	2.01	34 28				
	3.3	35 43				
(2)	7.74	30 40				
(4)	1.49	01 20				
(6)	2.23	32 00				
	3.7	15 20				
(2)	10.9	18 20				
(4)	2.18	24 30				
(6)	3.27	36 50				
	5.4	36 07				
(2)	3.00	09 00				
(4)	2.40	18 10				
(6)	1.80	27 30				
	1.5	04 35				
(2)	3.1	59 40				
(4)	6.3	59 10				
(6)	9.5	58 40				
	1.5	59 47				

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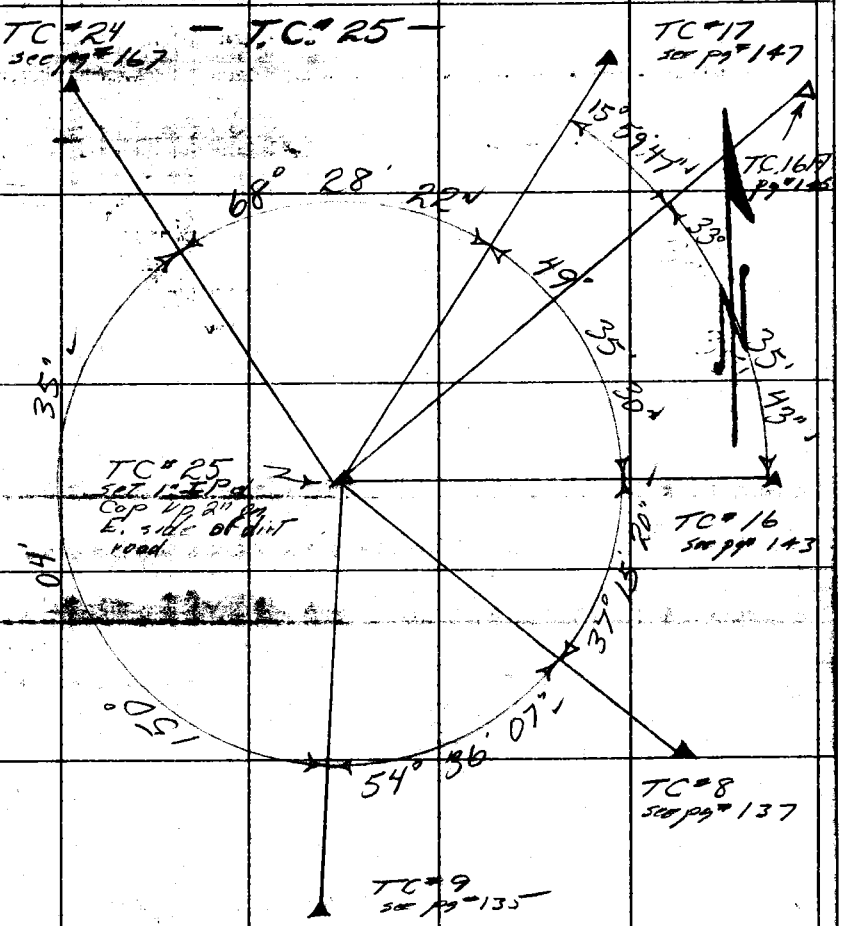
75F3068 SAE #247-8-54



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TRANSET AT STATION TC 25 F.B. 2338 PG 123 H.I. + 4.84

Do not extend notes this side of this line

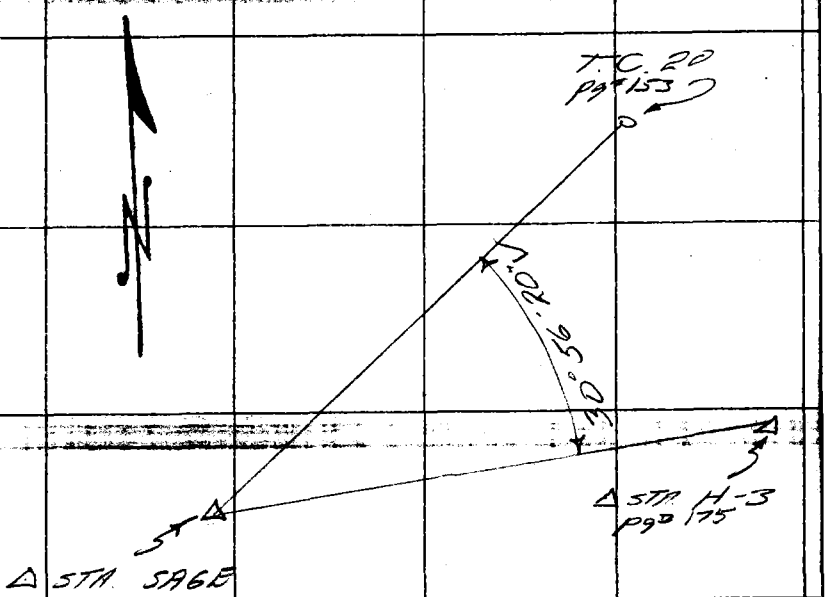
Sight On	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical Distance	+ Curvature Correction	- Difference Elevation	Adjusted Diff. Elev.
TC 24	10'	+ 01 21 00 + 01 20 40 + 01° 20' 50"					
TC 17	10'	+ 11 28 00 + 11 28 00 + 11° 28' 00"					
TC 16	10'	+ 05 47 40 + 05 47 40 + 05° 47' 40"					
TC 8	10'	+ 02 01 00 + 02 01 20 + 02° 01' 10"					
TC 9	10'	- 01 00 00 - 00 59 40 - 00° 59' 50"					
TC 16A	10'	+ 09 40 20 + 09 40 20 + 09 40 20					

F.B. 2338 PG. 170

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN. Rd	F. B. 2338 Pg. 171
Map No.	W. O. 10743 Tape No. St'd. °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed A. C. Johnson	

- Δ STA. SAGE D-4 -

Fd. USC&GS STANDARD BRASS CAP
ATOP STAMPED - SAGE - 1927



2	61	52	40
4	123	45	20
16	185	38	00
	30	56	20

TRANSIT AT	STATION	F.B.	PG	H.I.+	
Sight on -Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.

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TRANSIT AT STATION SAGE D-4 F.B. 2338 PG. 171 H.I. +4.90

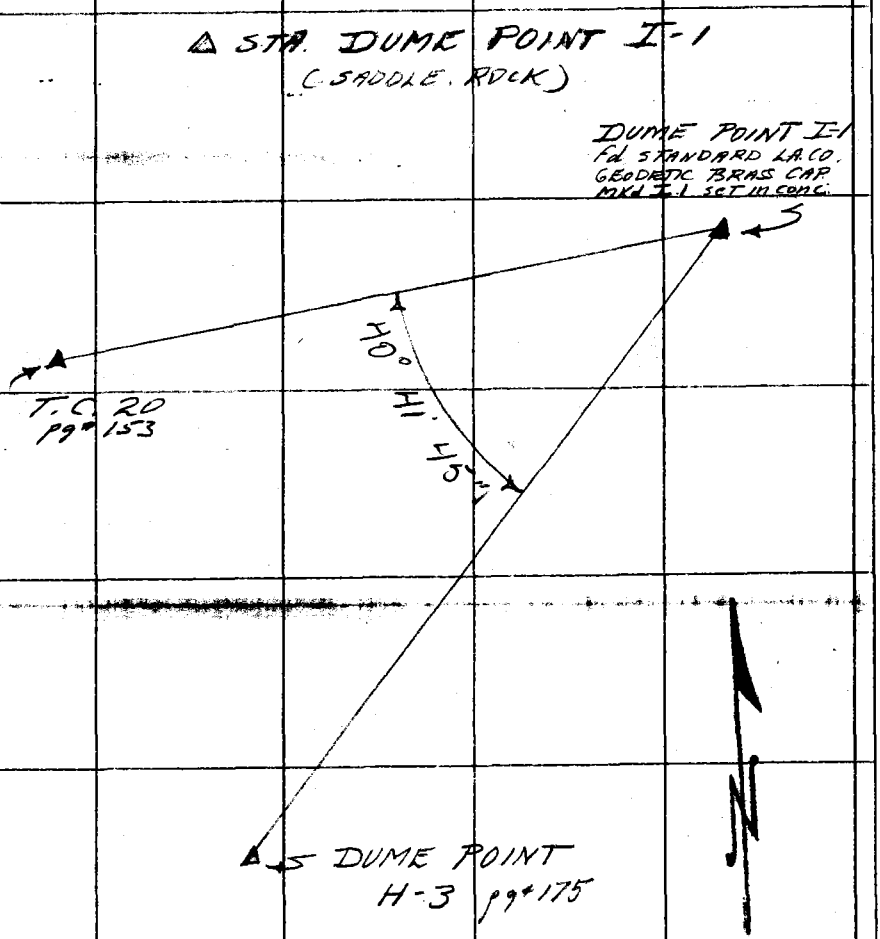
Sight on	+ Rod -	+ Vertical Angle -	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
TC 20	10.00	- 2 36 40 - 2 36 00 - 2 36 20					
H-3	10.00	+ 2 24 40 + 2 25 00 + 2 24 50					

F.B. 2338 Pg. 172

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN. Rd
Map No.	W. O. 07436 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C Date 12-10-58
Date	Indexed A. C. Johnson

F. B 2338 Pg. 173

TRANSIT AT	STATION	F.B.	PG	H.I.+	
Sight on	+ Vertical - Rod - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.



(2) 81 23 20
(4) 162 47 00
(6) 244 10 30
40 41 45

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TRANSIT AT STATION I-1 F.B. 2338 PG 173 H.I. 4.50

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
T.C.	10.00	= 0° 30' 40"					
		= 0° 31' 00"					
		- 0° 30' 50"					
H-3	10.00	= 5° 18' 40"					
		= 5° 18' 40"					
		- 5° 18' 40"					

F.B. 2338 PG 174

Notes Ck'd by C. K. GOSS	Survey of TRANCAS CYN. Rd.	F. B 2338 Pg. 175
Map No.	W. O. M2436 Tape No. St'd. °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C Date 12-10-58	
Date	Indexed C. Johnson	

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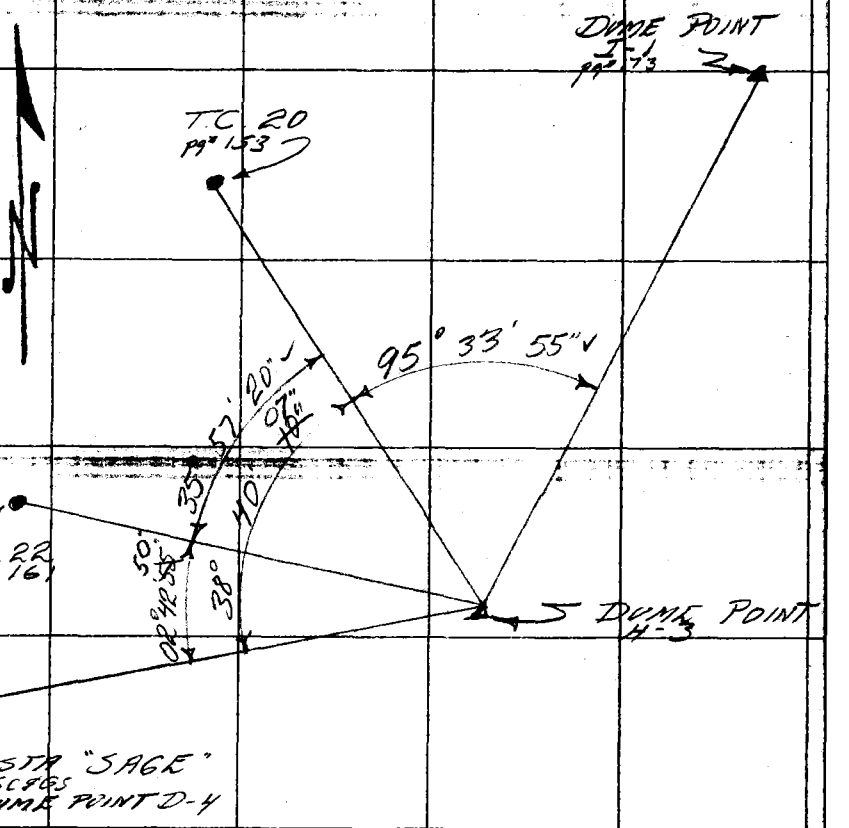
TRANSIT AT STATION F.B. P.G. H.I. +

Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical + Curvature - Distance	+ Difference Correction	Adjusted - Elevation Diff. Elev.
(2)	5 25 50		(2) 71 54 40	(2) 19 08 00	(2) 77 20 20
H.I.	10 51 20		(H.I.) 1.43 49 20	(H.I.) 22 15 40	(H.I.) 154 40 40
(6)	16 17 00		(6) 215 44 00	(6) 213 23 30+	(6) 232 00 40
	02 42 50 V		35 57 20 V	95 33 55 V	38 40 10 07

△ STA. DUME POINT H-3

Fd. Standard L.A. CO. ENGR.S GEODETIC BRASS CAP MON. STAMPED (DUME POINT H-3)



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TRANSIT AT STATION H-3 F.B. 2338 PG 175 H.I. +4.88

Sight on	+ Rod	± Vertical Angle	Horizontal Distance	± Vertical Distance	+ Curvature Correction	± Difference Elevation	Adjusted Diff. Elev.
D-4	10.00	−2 23 00 −2 23 00 −2 23 10					
TC 22	10.00	−7 12 00 −7 12 20 −7 12 10					
TC 20	10.00	−7 29 40 −7 30 00 −7 29 50					
I-1	10.00	+0 35 40 +0 35 00 +0 35 20					

F.B. 2338 PG. 176

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

Survey of Thomas Cyn Rd
W. O. 7116 Tape No. St'd. °F
Surveyed by W. S. Cockerell
Notes: H.S.C. Date 7-6
Indexed C. C. Johnson

F. B. 2338 Pg. 172

— TC°2 —

TC°12 see p. 181

TC°28 see pg 187

67° 56' 48" ✓

15° 06' 47" ✓

33° 01' 03" ✓

TC°18 see pg 183

TC°29 see pg 189

TC°2 Fd 3/4" IP "C" 0.3' Per RB 2267

214° 08' ✓

101° 21' 17" ✓

TC°1 see RB 191

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ORANGE AVE STATION

Bearings — + Vertical Distances — + Curvature — Diff. Elev.
on + Red + Angle Distance - Distance Correction - Elevation Adjusted

(2)	30	13	20																
(4)	60	87	00																
(6)	90	40	40																
	15	06	47 ✓																
(2)	135	53	40	(2)	66	02	20	(12)	202	42	30	(2)	285	08	30				
(4)	271	47	20	(4)	132	04	80	(4)	45	25	00	(4)	210	19	40				
(6)	47	40	50	(6)	198	06	20	(6)	248	07	40	(6)	135	24	50				
	67	56	48 ✓		33	01	03 ✓		101	21	17 ✓		142	37	45				
															08				

76F3095 S&E #247. 8-54

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PG. TRANSIT AT STATION T.C. #2 F.B. PG H.I. + 5.03

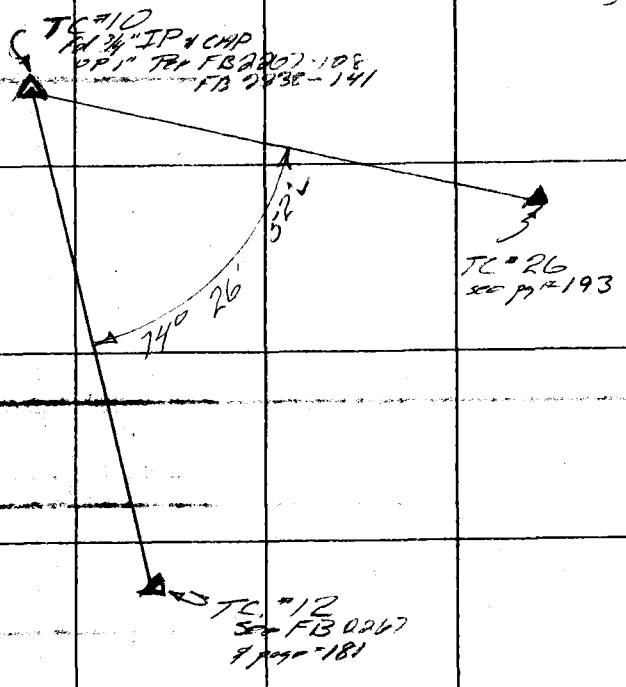
Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	Difference - Elevation	Adjusted Diff. Elev.
TC #3	10.00	+ 2 58 00 + 2 59 20 + 2 58 40					
TC #2	10.00	+ 5 49 30 + 5 51 00 + 5 50 15					
TC #28	10.00	+ 15 14 40 + 15 15 40 + 15 15 10					
TC #29	10.00	+ 8 06 20 + 8 08 00 + 8 07 10					
TC #1	6.00	- 3 50 00 - 3 49 40 - 3 49 50					

F.B. PG. 194

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN RD
Map No.	W. O. 0079.36 Tape No. St'd. 8'1 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes W.S.C Date 2-7-59
Date	Indexed G. Johnson

F.B. 2338 Pg. 179

— TC. #10 —



(2)	148	53	40
(4)	297	47	30
(6)	86	41	10
	74	26	52

TRANSIT AT STATION F.B. PG. H.I. +

Sight on	+ Vertical Horizontal + Vertical + Curvature + Difference	Mounted
Rod	- Angle Distance - Distance Correction - Elevation	Diff. Elev.

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TRANSIT AT STATION T.C.#10 F.B. _____ PG _____ H.I. + 5.05

Sight on	+ Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference Elevation	Adjusted Diff. Elev.
		+ 4 12 20					
		+ 4 13 20					
T.C.#26	10.00	+ 4 12 50					
		- 0 54 20					
		- 0 52 40					
T.C.#12	10.00	- 0 53 30					

F.B. _____ PG 180

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

Survey of FRANCAS CYN RD
W. O. 07776 Tape No. St'd. 64 °F
Surveyed by W. S. Cawthorn
Notes L.V.S.C Date 1-8-59
Indexed A. C. Johnson

F. B. 2338 Pg. 181

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TRANSIT AT STATION F.B. Pg. H.I.+

Sight on	+ Vertical = Angle	Horizontal Distance	+ Vertical + Curvature - Distance	+Difference Correction = Elevation	Adjusted Diff. Elev.
TC#10	68° 05' 32"	1,000	17.6	18° 16' 02"	1,000
TC#26	31° 22' 38"	1,000	17.6	18° 16' 02"	1,000
TC#6	16° 10' 10"	1,000	17.6	18° 16' 02"	1,000
TC#27	22° 46' 36"	1,000	17.6	18° 16' 02"	1,000
TC#28	28° 28' 35"	1,000	17.6	18° 16' 02"	1,000
TC#12	174° 50' 15"	1,000	17.6	18° 16' 02"	1,000
TC#13	45° 33' 20"	1,000	17.6	18° 16' 02"	1,000

TC#12
1/2" IP
Cap "P"
Top of Hinge
See FB 2267

TC#10 See pg 141
TC#26 See pg 193
TC#6 See pg 93
TC#27 See pg 185
TC#28 See pg 187
TC#13 See pg 183
TC#12 See pg 177

2	136	11	00	2	36	32	00	2	62	45	10	8	32	20	20
4	272	22	00	4	73	04	00	4	125	30	20	4	64	40	40
6	48	33	10	6	109	36	10	6	188	15	50	6	97	01	00
	68	05	32 ✓		18	16	02 ✓		31	22	38 ✓		16	10	10 ✓
2	45	33	20	2	56	57	10	2	349	40	20				
4	91	06	20	4	113	54	30	4	339	21	00				
6	136	39	40	6	170	51	30	6	329	01	30				
	~~27~~ 22	46	36 ✓		28	28	35 ✓		174	50	~~40~~ 15				

76F3005 S&E #247. 8-54

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TRANSIT AT STATION T.C. 12 F.B. PG. H.I. 4.58

SIGHT ON	- ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	+ CURVATURE CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.
T.C. 10	10.00	+01 04 00 +01 03 20 +01 03 40					
T.C. 26	10.00	+04 40 00 +04 40 00 +04 40 00					
T.C. 6	10.00	+05 23 40 +05 23 20 +05 23 30					
T.C. 27	10.00	+00 52 00 +00 51 40 +00 51 50					
		+00 15 00					
T.C. 28	10.00	+00 14 40 +00 14 50					
T.C. 2	10.00	-05 45 20 -05 45 40 -05 45 30					
T.C. 13	10.00	-09 50 20 -09 50 40 -09 50 30					

F.B. _____ PG. 182

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

Survey of TRANCAS CYN RD
W. O. 0074.13 Tape No. ___ St'd. ___ °F
Surveyed by W.S. CONNERD
Notes W.S.C. Date 2-7-59
Indexed C. Johnson

F.B. 2338 PG. 183

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TRANSIT AT STATION — B.S. — F.S. — H.I.

Vertical Angle — Horizontal Distance — Curvature — Difference — Adjustment

on Rod — Angle — Distance — Distance — Correction — Elevation — Diff. Elev.

— T.C. #13 —

(2) 87 10 40	(2) 168 29 50	(2) 42 43 10	(2) 61 36 00
(4) 174 21 30	(4) 336 59 40	(4) 85 26 40	(4) 123 12 00
(6) 261 32 20	(6) 145 29 20	(6) 128 10 00	(6) 184 48 00
43 35 23 ✓	84 14 53 ✓	21 21 40 ✓	30 48 00 ✓

223°

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TRANSIT AT STATION TC#13 F.B. _____ PG _____ H.I. + 4.88

Sight on	Rod	Vertical Angle	Horizontal Distance	+ Vertical Distance	Curvature Correction	Difference Elevation	Adjusted Diff. Elev.
		+ 10 06 00					
		+ 10 06 40					
TC#12	10.00	+ 10 06 20					
		+ 5 22 00					
		+ 5 21 20					
TC#28	10.00	+ 5 21 40					
		+ 6 05 20					
		+ 6 05 00					
TC#27	10.00	+ 6 05 10					
		- 2 50 00					
		- 2 50 30					
TC#2	10.00	- 2 50 15					

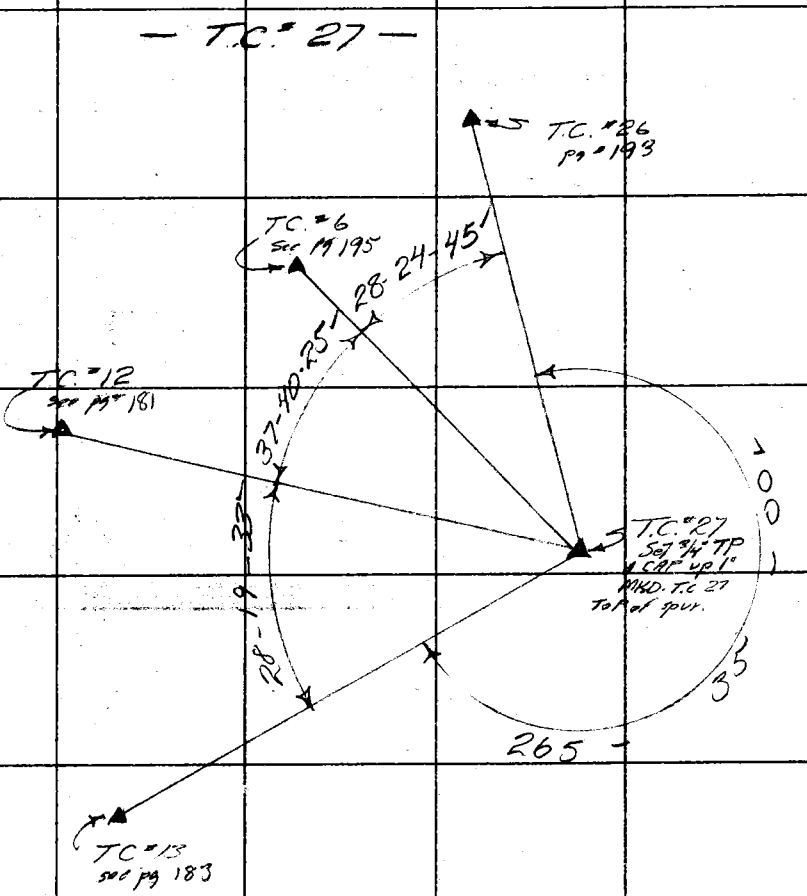
F.B. _____ PG. 184

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN RD	F. B. 2336 Pg. 185
Map No.	W. O. 0074.36 Tape No. St'd. 84 °F	
Office Work	Surveyed by W. S. Cowherd	
Checked	Notes W.S.C. Date 7-1-59	
Date	Indexed A. C. Johnson	

TRANSIT AT STATION F.R. PC B.T.

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical Distance	+ Curvature Correction	+ Difference Elevation	Adjusted Diff. Elev.
		(2) 531 10 00	(2) 75 21 00	(2) 56 49 40	(2) 56 39 00		
		(4) 342 20 00	(4) 150 41 40	(4) 113 39 00	(4) 113 18 10		
		(6) 153 30 00	(6) 226 02 30	(6) 170 28 20	(6) 169 57 20		
		265 35 00 ✓	37 40 25 ✓	28 24 45 ✓	28 19 33 ✓		

35



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PG. _____ TRANSIT AT STATION T.C.27 F.B. _____ PG. _____ H.I. + 4.85

Sight	Difference	Vertical Angle	Horizontal Distance	+ Vertical Correction	Difference of Elevation	Adjusted Diff. Elev.
		- 5 58 00				
		- 5 56 40				
T.C.13	10.00	- 5 57 20				
		- 0 45 40				
		- 0 43 40				
T.C.12	10.00	- 0 44 40				
		+ 4 53 00				
		+ 4 54 20				
T.C.6	10.00	+ 4 53 40				
		+ 4 38 00				
		+ 4 39 20				
T.C.26	9.00	+ 4 38 50				

F.B. _____ PG. 78

Notes Ck'd by C. R. GOSS	Survey of TRANCAS Cyn RD
Map No.	W. O. 0074-36 Tape No. St'd. °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes W.S.C. Date 7-1-59
Date	Indexed A. C. Johnson

F.B. 2338 PG. 187

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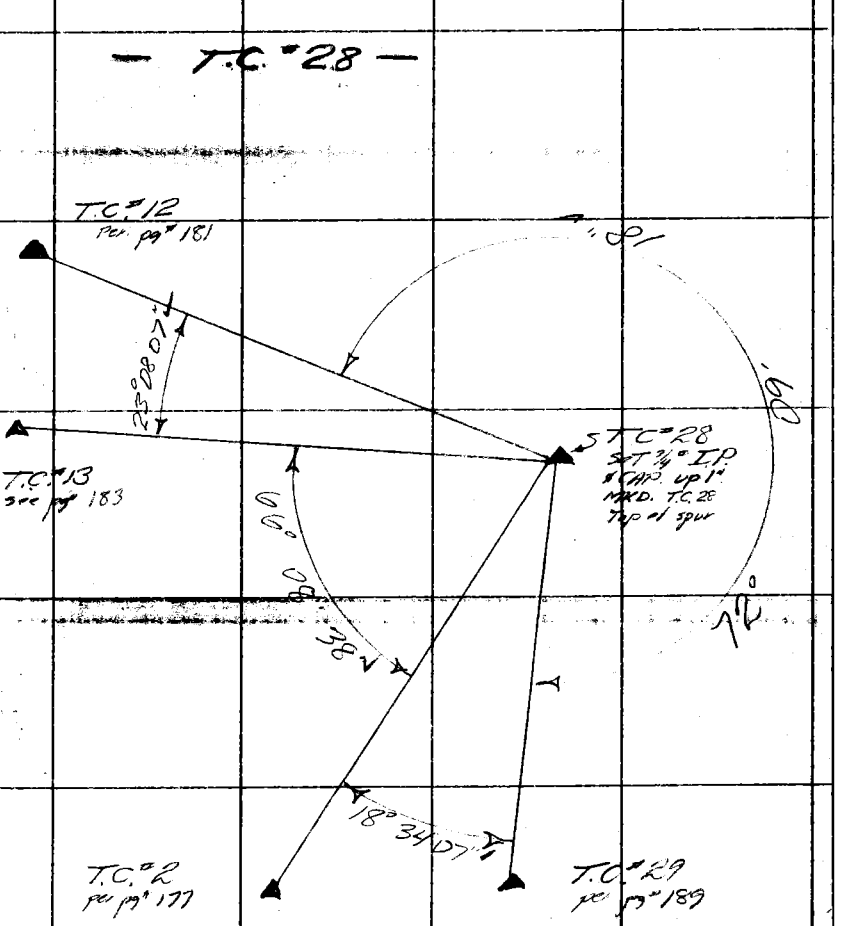
TRANSIT AT STATION F.B. PG. H.I.+

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.



12	37	08	10	12	132	17	10	12	46	16	10	2	144	18	40
14	74	16	20	14	264	34	30	14	92	32	30	4	288	37	20
16	111	24	40	16	36	51	50	16	138	48	40	16	72	55	50
	18	34	07		66	08	38		23	08	07		72	09	~~20~~ 18"

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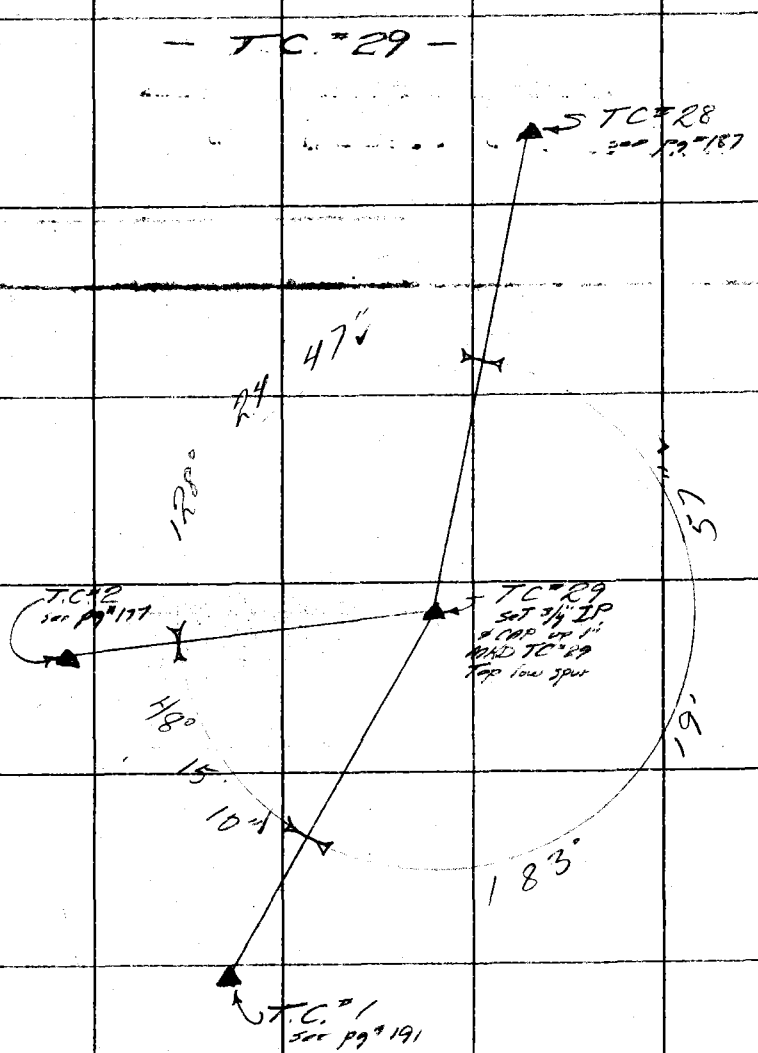
TRANSIT AT STATION TC #28 T.B. _____ PG _____ H.I. 4.55

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
		-12 00 40					
TC #29	10.00	-12 01 00					
		-12 00 50					
		-15 02 00					
TC #2	10.00	-15 02 20					
		-15 02 10					
		- 5 14 40					
TC #13	10.00	- 5 14 30					
		- 5 14 35					
		- 0 08 40					
TC #12	10.00	- 0 09 10					
		- 0 08 55					

F.B. _____ PG. 188

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN RD
Map No.	W. O. 007436 Tape No. St'd. °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes 11 S.C. Date 2-6-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 189



(2)	96	30	30	(2)	256	49	20	(2)	366	39	50
(4)	193	00	40	(4)	153	39	00	(4)	13	19	40
(6)	289	31	00	(6)	50	28	40	(6)	19	59	40
	48	15	10		128	24	47		183	19	57

TRANSIT AT STATION F.B. PG. M.I. +

[illegible] + Vertical [illegible] + Curvature + Difference Adjusted

on - Red - Angle Distance - Distance Correction - Elevation Diff. Elev.

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NO. TRANSIT AT STATION T.C. #29 F.B. PG H.I. +4.83

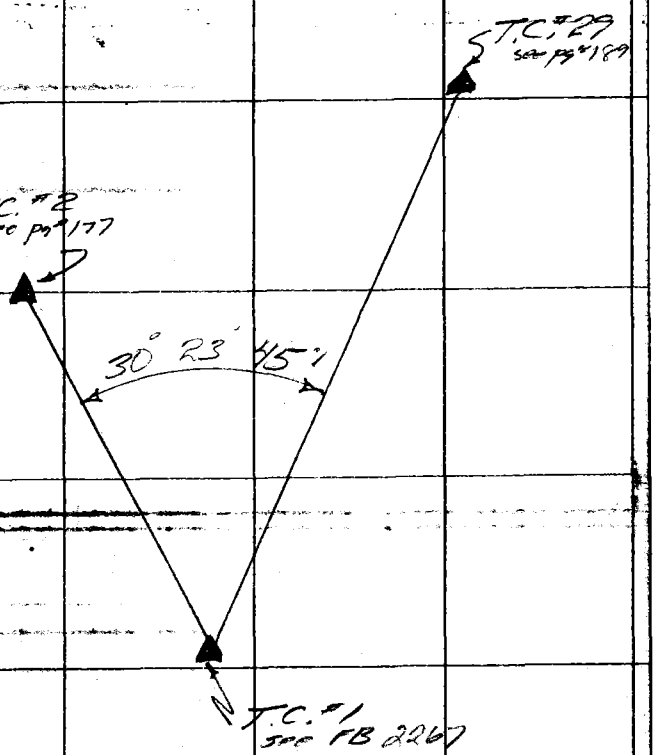
Sight	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
		-6 58 00					
		-6 56 00					
T.C. #1	6.00	-6 57 00					
		-7 31 40					
		-7 30 20					
T.C. 2	10.00	-7 31 00					
		+17 18 40					
		+17 20 40					
T.C. #28	10.00	+17 19 40					

F.B. PG. 132

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN RD
Map No.	W. O. [illegible] Tape No. St'd. °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes W.S.C. Date 7-8-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 191

— T.C. #1 —



(2) 60 47 20
(1) 121 35 00
(2) 182 22 30
30 23 45

TRANSIT AT STATION F.B. PG. H.I. +

Sight + Vertical Horizontal + Vertical + Curvature + Difference Adjusted
on - Rod - Angle - Distance - Distance Correction - Elevation Diff. Elev.

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TRANSIT AT STATION TC#1 F.B. _____ PG _____ H.I. +4.75

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
		+7 07 00					
		+7 07 00					
TC#2	10.00	+7 07 00					
		+4 05 00					
		+4 04 40					
TC#2	10.00	+4 04 50					

F.B. _____ PG. 197

Notes Ck'd by C. R. COSS	Survey of TRANCAS CYN RD
Map No.	W. O. 007434 Tape No. ___ St'd. 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes W.S.C. Date 2-8-59
Date	Indexed ▲ C. Johnson

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TRANSIT AT STATION ___ F.B. ___ PG ___ H.I. + ___

Sight on -Rod | + Vertical Angle | + Horizontal - Distance | + Vertical - Distance | + Curvature Correction | + Difference - Elevation | Adjusted Diff. Elev.

— T.C. #26 —

(2) 73 27 00	(2) 55 05 20	(2) 74 55 20	(2) 516 32 10
(4) 146 54 30	(4) 110 10 40	(4) 149 50 30	(4) 313 04 20
(6) 220 21 [illegible]	(6) 165 16 00	(6) 224 45 50	(6) 109 36 10
36 43 ~~35~~ 30 ✓	27 32 40 ✓	37 27 38 ✓	258 16 02 ✓

76F300S S&E #247. 6-54

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TRANSIT AT STATION TC 26 F.B. _____ PG _____ H.I. + 4.95

Sight on	+ Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
		- 4 32 00					
		- 4 32 00					
TC 27	10.00	- 4 32 00					
		- 2 37 40					
		- 2 37 40					
TC 6	10.00	- 2 37 40					
		- 4 33 00					
		- 4 33 40					
TC 12	10.00	- 4 33 20					
		- 4 06 40					
		- 4 07 00					
TC 10	10.00	- 4 06 50					

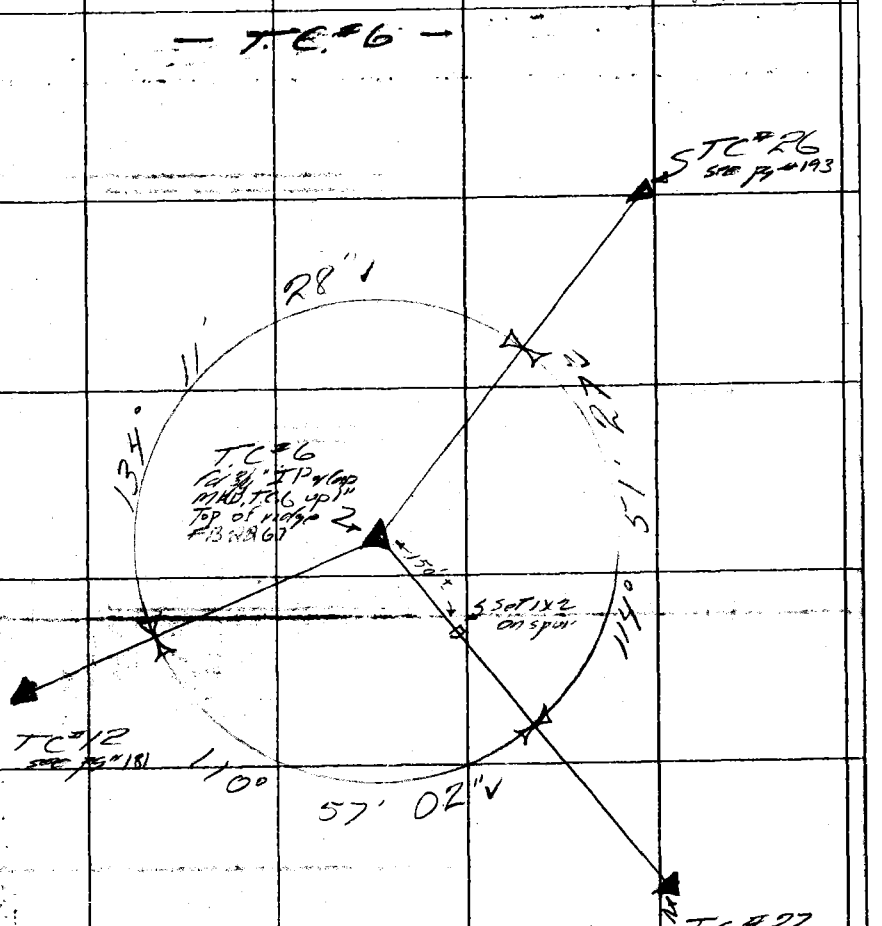
F.B. 2338 PG. 194

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CIN RD
Map No.	W. O. 00 7436 Tape No. St'd. °F
Office Work	Surveyed by W.S. Cowhead
Checked	Notes W.S.C Date 2-8-57
Date	Indexed [illegible] O. Johnson

F.B. 2338 Pg. 195

TRANSIT AT STATION F.B. PG. H.I. +

Sight on	+ Vertical Horizontal + Vertical + Curvature + Difference Adjusted
- Rod	- Angle Distance - Distance Correction - Elevation Diff. Elev.



(2)	268 23 00 (2)	229 42 50 (2)	221 54 00
(4)	176 46 00 (4)	99 25 40 (4)	83 48 00
(6)	85 08 50 (6)	329 08 40 (6)	305 42 10
	134 11 28	114 51 27	110 57 02

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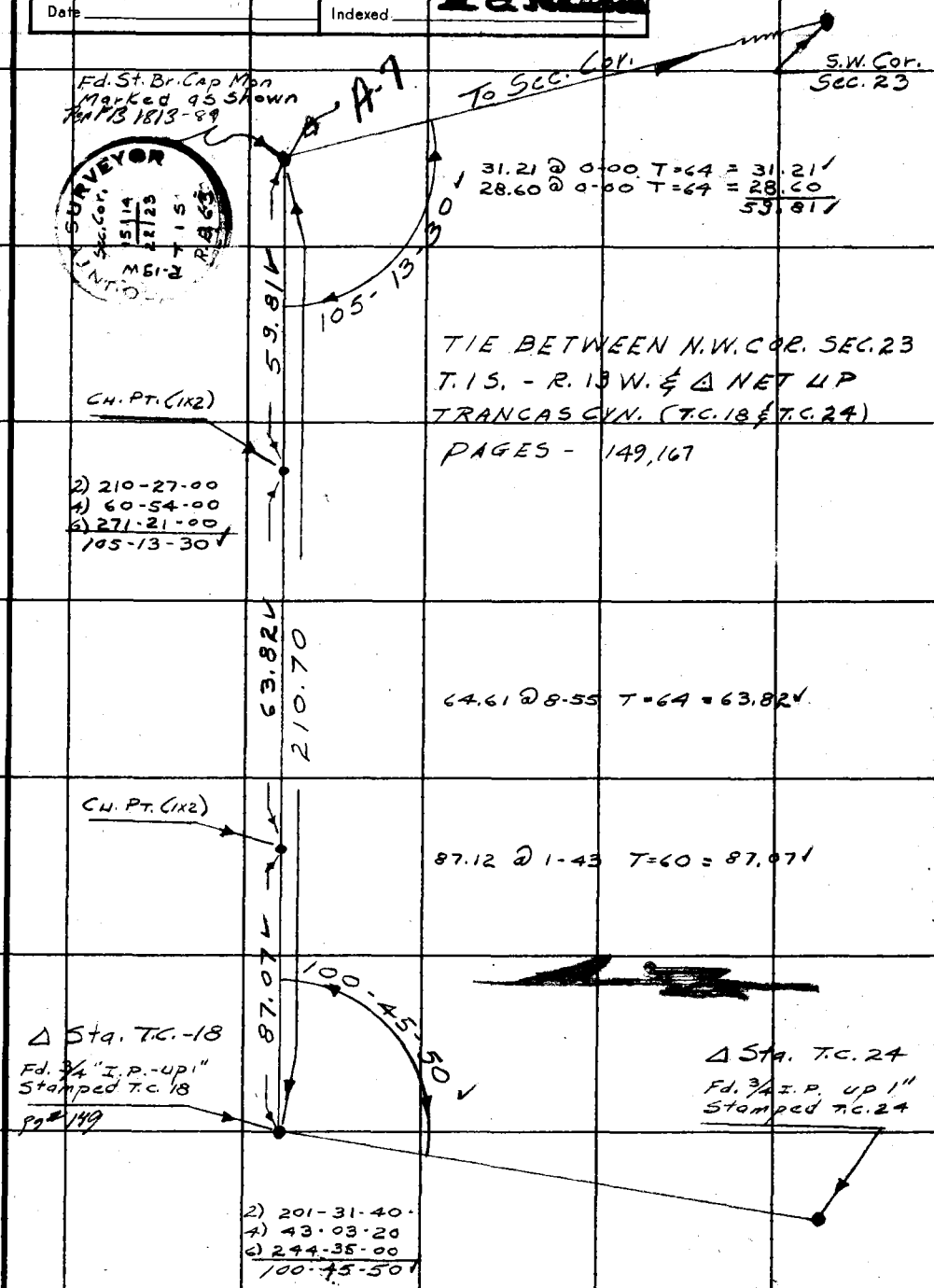
TRANSIT AT · STATION T.C 6 F.B. _____ PG _____ H.I. +4.88

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
		− 5 13.00					
T.C 12	10.00	− 5 13.40					
		− 5 13.20					
		+ 2 52 20					
T.C 26	10.00	+ 2 52 20					
		+ 2 52 20					

F.B. 2258 PG 19

Notes Ck'd by C. R. GOSS	Survey of Trancas Cn Rd	F. B. 2337 PG. 197
Map No.	JN 007436 Tape Std °F	
Office Work	Surveyed by Cowherd	
Checked	Notes Date	
Date	Indexed [redacted]	



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76F309S S&E #247 1-56

76F309S CE #247—3-57

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TRANSIT AT STATION TC#10 F.B. _____ PG _____ H.I. + 4.70

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
TC#9	10.00	+ 4 32 00 + 4 32 40 + 4 32 20					
P#56	4.15	- 00 20 20 - 00 20 00 00 20 10					
P#52	4.17	- 01 35 20 - 01 35 20 - 01 35 20					
TRANSIT AT STATION # TC 9 FB PG HI + 4.68							
TC#10	10.00	- 4 10 40 - 4 10 20 4 10 30					
P#52	4.17	- 4 00 20 - 3 59 40 - 4 00 00					
P#56	4.15	- 3 27 20 - 3 26 40 - 3 27 00					
TRANSIT AT STATION TC#23 FB PG. HI + 4.76							274 06 35 85 53 40
P#87	5.14	+ 4 06 35 + 4 06 20 + 4 06 27					272 33 40 87 26 25
P#85	3.30	+ 2 33 40 + 2 33 35 + 2 33 37					

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

Survey of TRANCAS CYN RD
JN 2274 Tape Std 84 of
Surveyed by W.S. COWHERD
Notes W.S.C. Date 10-5-59
Indexed C. Johnson 10-5-59

F.B. 2338 PG. 199

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TRANSIT AT STATION_____ F.B._____ PG_____ H.I.+_____

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.

F.B. 2338 Pg. 100

Notes Ck'd by C. R. GOSS	Survey of TRANCAS CYN RD	F. B. 2338 Pg. 201
Map No.	JN 0074.36 Tape Std °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C. Date 10-21-59	
Date	Indexed K. C. Johnson 11-13-59	

ADDITIONAL PHOTOGRAMMETRIC CONTROL IN TRANCAS CYN. FROM EAST ENCINAL CYN. ROAD N.W.L.Y. (2/3 mi±) TO MULHOLLAND HWY.

J.N. 0074.36

OCT. 59'

REFERENCES
FB 2338
FB 1417
FB 1493

PARTY
W. S. COWHERD
J. TERRANOVA
M. WACKER
R. GILFOY

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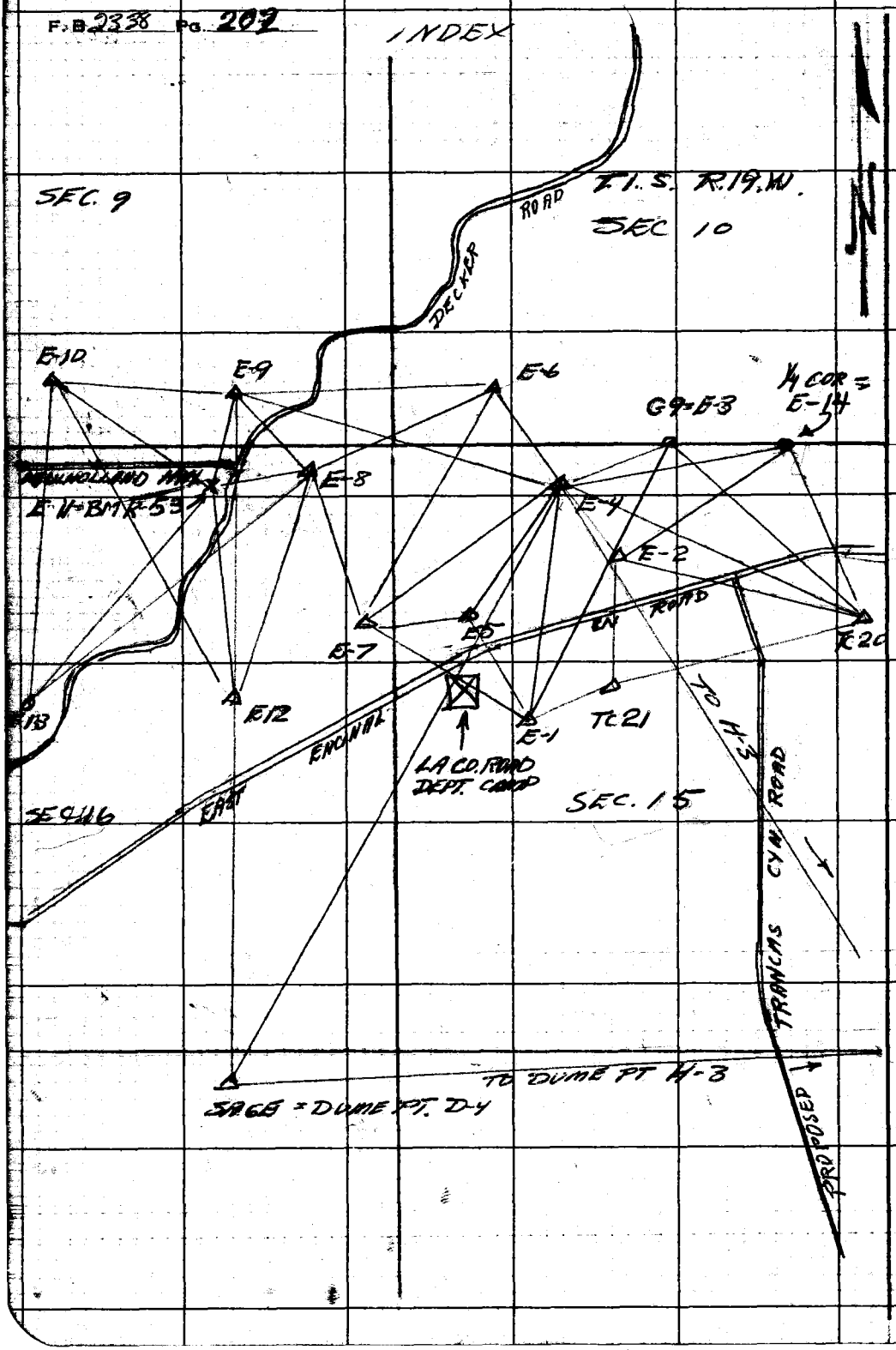
763098 CE #247—7-53

F.B. 2338 Pg. 207



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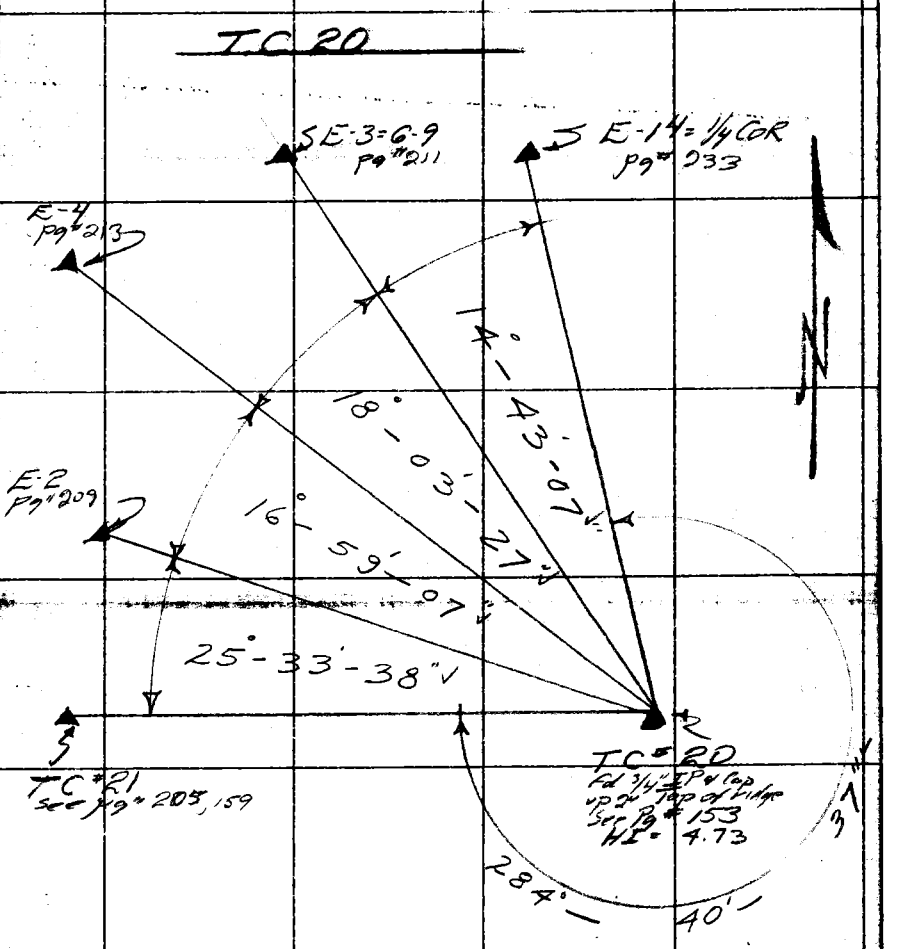
Notes Ck'd by C. R. COSS	Survey of TRANCAS CYN. RD
Map No.	W. O. 007436 Tape No. Std. °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Date 10-22-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 203

TRANSIT AT	STATION	F.B.	PG	H.I.+
Sight on	+ Vertical - Rod - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction
				+ Difference - Elevation
				Adjusted Diff. Elev.



2) 51-07-10	2) 33-58-20	2) 36-06-50	2) 29-26-10
4) 102-14-30	4) 67-56-30	4) 72-13-40	4) 58-52-20
6) 153-21-50	6) 101-54-40	6) 108-20-40	6) 88-18-40
25-33-38	16-59-07	18-03-27	14-43-07

2) 209-21-10
4) 58-42-20
6) 268-03-40
284-40-37

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76F309S S&E #247. 8-54

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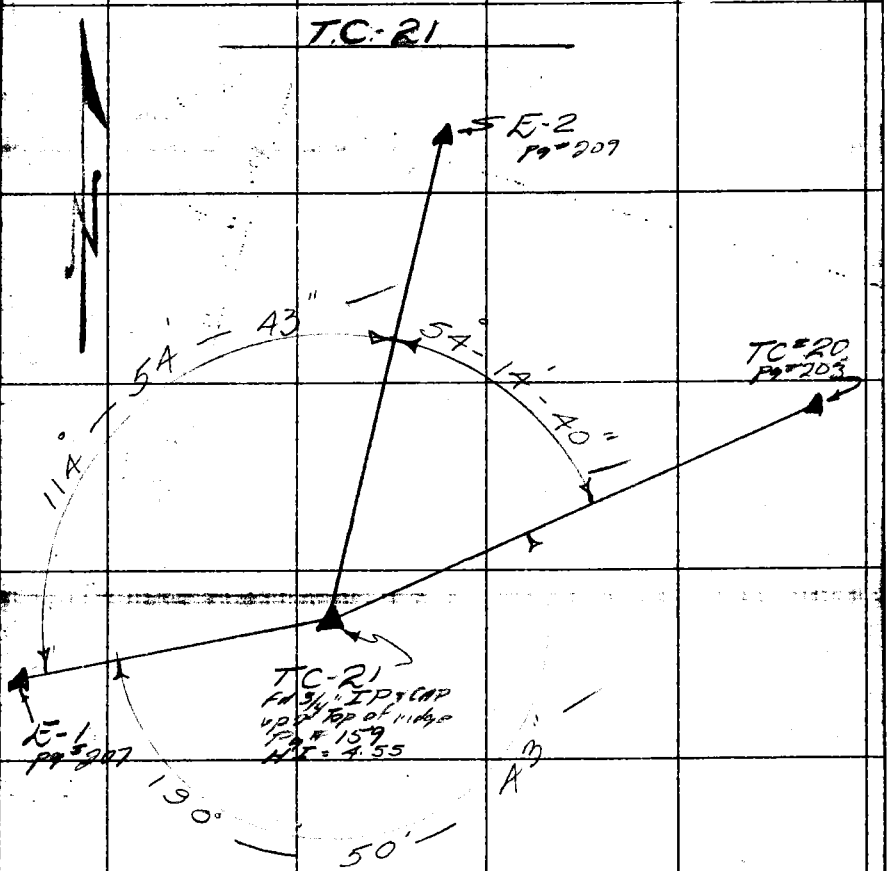
TRANSIT AT STATION T.C. 20 F.B. 2338 PG 203 H.I. +4.73

Sight on	+ Rod -	+ Vertical - Angle	+ Horizontal - Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
T.C. 21	10.00	F 01-50-30 + 01-50-00 + 01-50-15					
E-2	10.00	+ 03-14-40 + 03-14-00 + 03-14-20					
E-4	10.00	+ 06-25-40 + 06-25-00 + 06-25-20					
E-3	10.00	+ 02-36-20 + 02-35-40 + 02-36-00					
E-14	10.00	- 01-33-20 - 01-34-00 - 01-33-40					

F.B. 2338 PG. 209

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	W. O. 007436 Tape No. St'd. 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Date 10-21-59
Date	Indexed C. Johnson

F. B. 2338 Pg. 208



TRANSIT AT	STATION	F.B.	PG	H.I.+
Sight on -Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction
				+Difference - Elevation
				Adjusted Diff. Elev.

2) 229-49-20	2) 108-29-20	2) 21-41-20
4) 99-38-50	4) 216-58-40	4) 43-22-50
6) 329-28-20	6) 325-28-00	6) 65-04-20
114-54-43	54-14-40	190-50-43

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TRANSIT AT STATION T.C. 21 F.B. 2338 PG 205 H.I. +4.55

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
E-1	10.00	-00-51-40 -00-52-20 -00-52-00					
E-2	10.00	+02-18-00 +02-17-20 +02-17-40					
T.C. 20	10.00	-01-30-00 -01-30-40 -01-30-20					

F.B. 2338 Pg 206

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN. RD
Map No.	W. O. 007436 Tape No. St'd. °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Date 10-22-59
Date	Indexed A. C. Johnson

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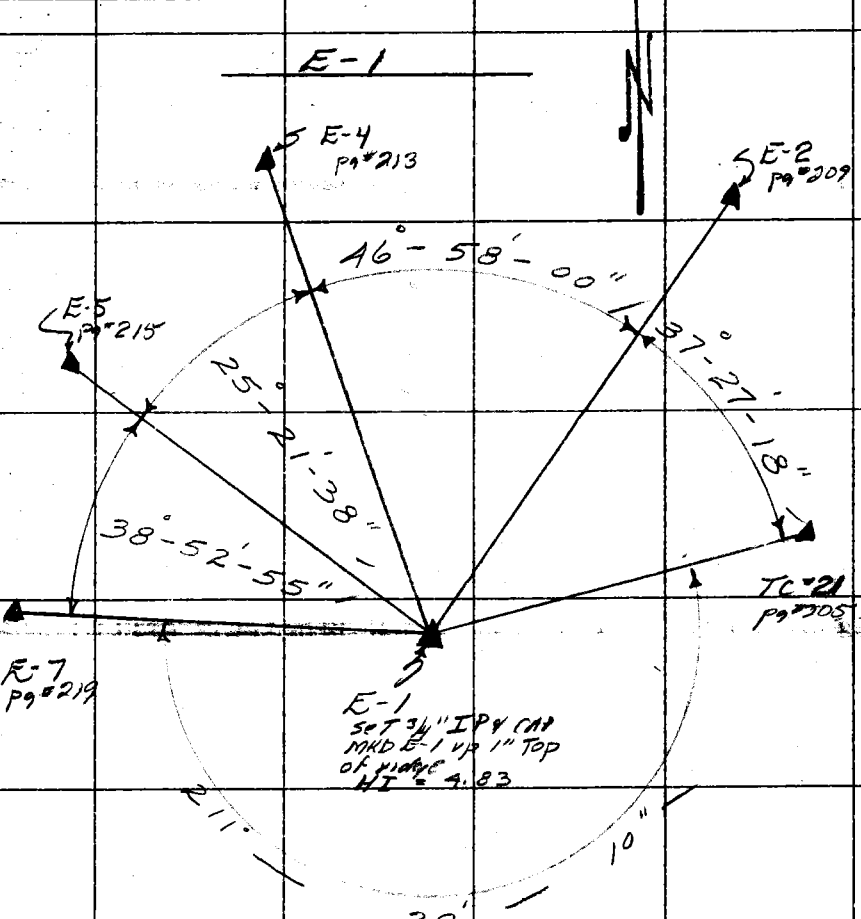
TRANSIT AT	STATION	F.B.	PG	H.I.+
Sight on	+Rod	+ Vertical	+ Horizontal	+ Curvature	+Difference	Adjusted
		- Angle	Distance	- Distance	Correction	- Elevation	Diff. Elev.



2) 77-46-00	2) 50-43-00	2) 93-55-50	2) 74-54-40
4) 155-31-50	4) 101-26-20	4) 187-51-50	4) 149-49-20
6) 233-17-30	6) 152-09-50	6) 281-48-00	6) 224-43-50
38-52-55	25-21-38	46-58-00	37-27-18

2) 62-40-20
4) 125-20-50
6) 188-01-00
211-20-10

76F3095 S&E #247. 8-54

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TRANSIT AT STATION E-1 F.B. 233< PG 207 H.I. + 4.83

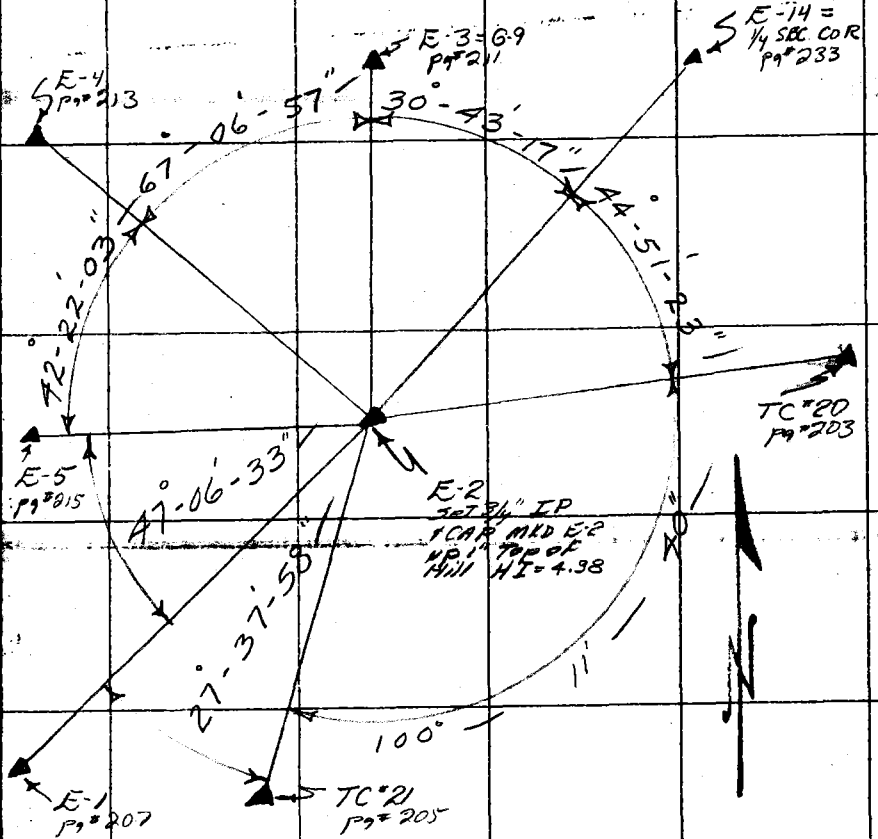
Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	Curvature Correction	Difference Elevation	Adjusted Diff. Elev.
E-7	10.00	+05-37-40 +05-31-00 +05-31-20					
		+01-32-00					
E-5	10.00	+01-31-40 +01-31-50					
E-4	10.00	+08-27-20 +08-26-40 +08-27-00					
		+02-13-20					
E-2	10.00	+02-12-40 +02-13-00					
		+01-50-00					
T.C.21	10.00	+01-49-20 +01-49-40					

F.B. 233< PG. 208

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	W. O. 007436 Tape No. St'd. °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Date 10-22-59
Date	Indexed A. C. Johnson

F. B. 2338 PG. 209

E-2



2) 55-15-50	2) 94-13-00	2) 84-44-00	2) 134-13-50
4) 110-31-50	4) 188-26-10	4) 169-28-00	4) 268-27-40
6) 165-47-50	6) 282-39-20	6) 254-12-20	6) 42-41-40
27-37-58	47-06-33	42-22-03	67-06-57
2) 61-26-20	2) 89-42-50	2) 200-23-20	
4) 122-53-00	4) 179-25-40	4) 40-46-40	
6) 184-19-40	6) 269-08-20	6) 241-10-00	
30-43-17	44-51-23	100-11-40	

TRANSIT AT	STATION	F.B.	PG	H.I.+
Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature - Correction	+Difference - Elevation	Adjusted Diff. Elev.
-Rod						

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TRANSIT AT STATION E-2 F.B. 2338 PG 209 H.I. +4.98

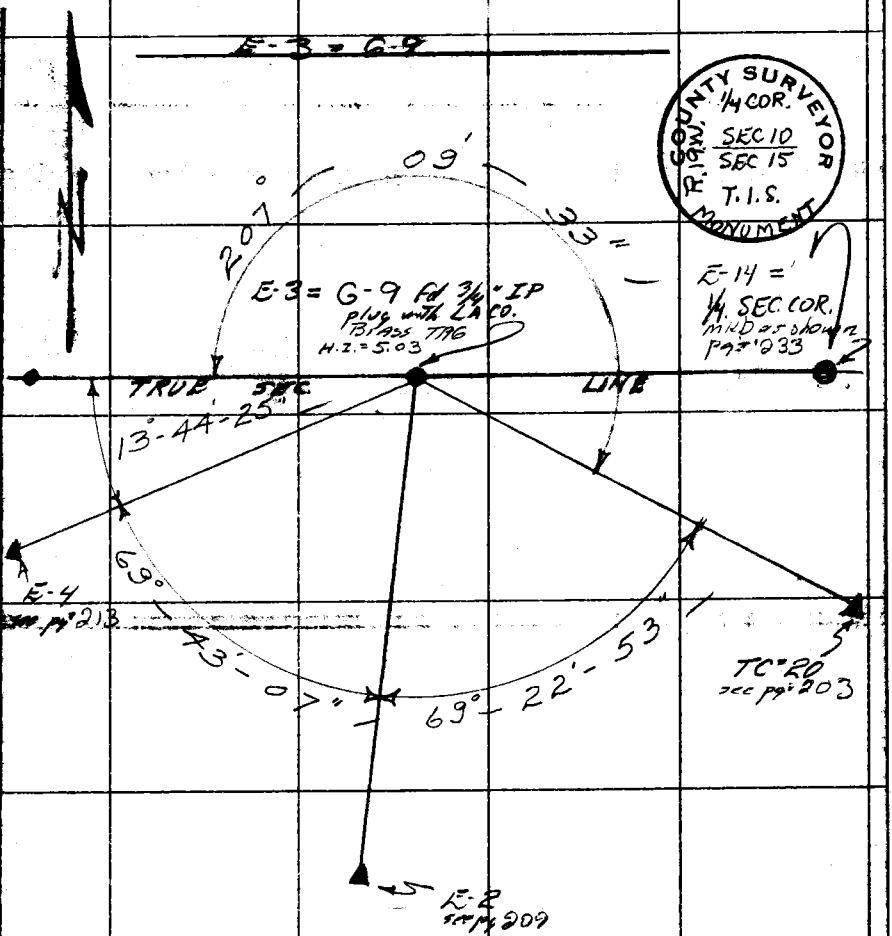
Sight on	-Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
T.C.21	10.00	- 01-35-00 - 01-35-20 - 01-35-10					
E-1	10.00	- 01-45-00 - 01-45-40 - 01-45-20					
E-5	10.00	- 00-38-00 - 00-38-40 - 00-38-20					
E-4	10.00	+ 09-40-40 + 09-40-00 + 09-40-20					
E-3=G-9	10.00	- 00-35-00 + 09-35-40 - 00-35-20					
E-14	10.00	- 05-24-40 - 05-25-20 - 05-25-00					
T.C.20	10.00	- 02-51-20 - 02-52-00 - 02-51-40					

F.B. 2338 Pg. 210

Notes Ck'd By H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	W. O. 00T436 Tape No. St'd. °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes ~~W. S. C.~~ J. T. Date 10-21-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 211

TRANSIT AT	STATION	F.B.	PG	H.I.+
Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction
				+ Difference - Elevation
				Adjusted Diff. Elev.



2) 138-45-40	2) 139-26-20	2) 27-29-00	2) 54-19-00
4) 277-31-40	4) 278-52-40	4) 54-57-40	4) 108-38-10
6) 56-17-20	6) 58-18-40	6) 82-26-30	6) 162-57-20
69-22-53	69-43-07	13-44-25	207-09-33

414 360

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TRANSIT AT STATION E-3 = G-9 F.B. 2338 PG. 211 H.I. +5.03

Sight on	+ Rod -	Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
T.C.20	10.00	-02-14-30 -02-15-00 -02-14-45					
E-2	10.00	+01-11-20 +01-11-00 +01-11-10					
E-4	10.00	+10-29-20 +10-28-20 +10-28-50					

F.B. 2112 PG.

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TRANSIT TRAVERSE — T. 5 S., R. 8 W., S.B.M.

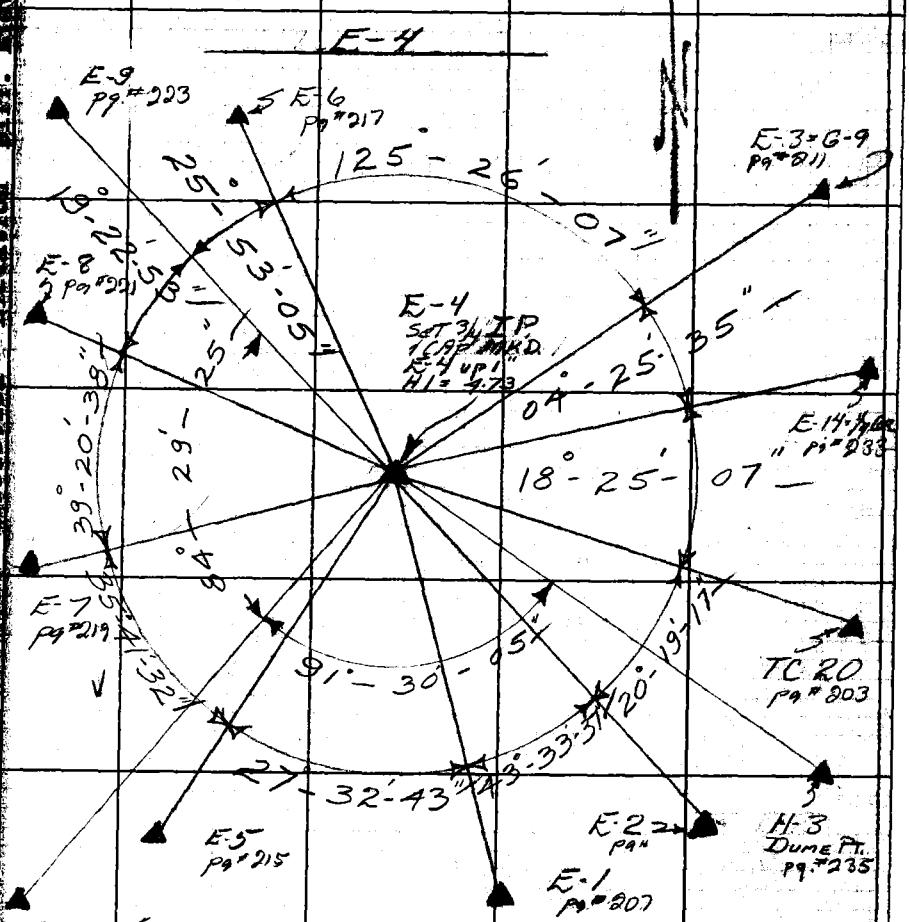
Sight + Vertical + Horizontal = Curvature + Refraction + Astro
Of - Rod + Angle - Distance - Correction - Plotted Dist.

Notes Ck. by J. AMBERS
Map No.
Office Work
Checked
Date

Survey of TRANCAS CYN RD
JN 0074.34 Tape Std °F
Surveyed by W. S COWHERD
Notes J.T. Date 10-20-59
Indexed C. Johnson

F. B. 2330 Pg. 213

E-4



2) 183-00-20 4) 366-00-30 6) 189-00-30 91-30-05	2) 250-52-10 4) 141-44-20 6) 32-36-40 125-26-07	2) 08-51-20 4) 17-42-20 6) 26-33-30 04-25-35	2) 36-50-00 4) 73-40-20 6) 110-30-40 18-25-07
2) 40-38-40 4) 81-17-10 6) 121-55-40 20-19-17	2) 87-07-20 4) 174-14-30 6) 261-21-40 43-33-37	2) 55-05-20 4) 110-10-50 6) 165-16-20 27-32-43	2) 71-23-00 4) 142-46-00 6) 214-09-10 35-41-32
2) 78-41-20 4) 157-22-40 6) 236-03-50 39-20-38	2) 168-58-50 4) 337-57-40 6) 146-56-30 84-29-25	2) 51-46-00 4) 103-32-10 6) 155-18-30 25-53-05	2) 38-45-40 4) 77-31-20 6) 116-17-20 79-22-53

76FSOSS CE #247 3-57

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TRANSIT AT STATION E-4 F.B. 2338 PG 213 H.I. + 4.73

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-6	10.00	- 05-34-20 - 05-35-00 - 05-34-40					
E-3	10.00	- 10-02-40 - 10-03-20 - 10-03-00					
E-14	10.00	- 09-57-20 - 09-57-40 - 09-57-30					
T.C.20	10.00	- 06-13-20 - 06-14-00 - 06-13-40					
"H-3" Dume Pr.	10.00	+ 02-59-40 + 02-58-50 + 02-59-15					
E-2	10.00	- 09-14-00 - 09-14-40 - 09-14-20					
E-1	10.00	- 08-07-00 - 08-07-40 - 08-07-20					
E-5	10.00	- 13-36-00 - 13-37-00 - 13-36-30					
D-4 "Sage"	10.00	+ 00-05-30 + 00-05-00 + 00-05-15					
E-7	10.00	- 01-52-00 - 01-52-40 - 01-52-20					
E-8	10.00	- 03-44-00 - 03-45-00 - 03-44-30					
E-9	10.00	- 00-43-40 - 00-41-20 - 00-44-00					

F.B. 2338 Pg 214

Notes Ck'd By H. J. AMBERS	Survey of TRANCAS CYN. RD	F. B. 2338 Pg. 215
Map No.	W. O. 097436 Tape No. St'd. °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W. S. C. Date 10-27-59	
Date	Indexed A. C. Johnson	

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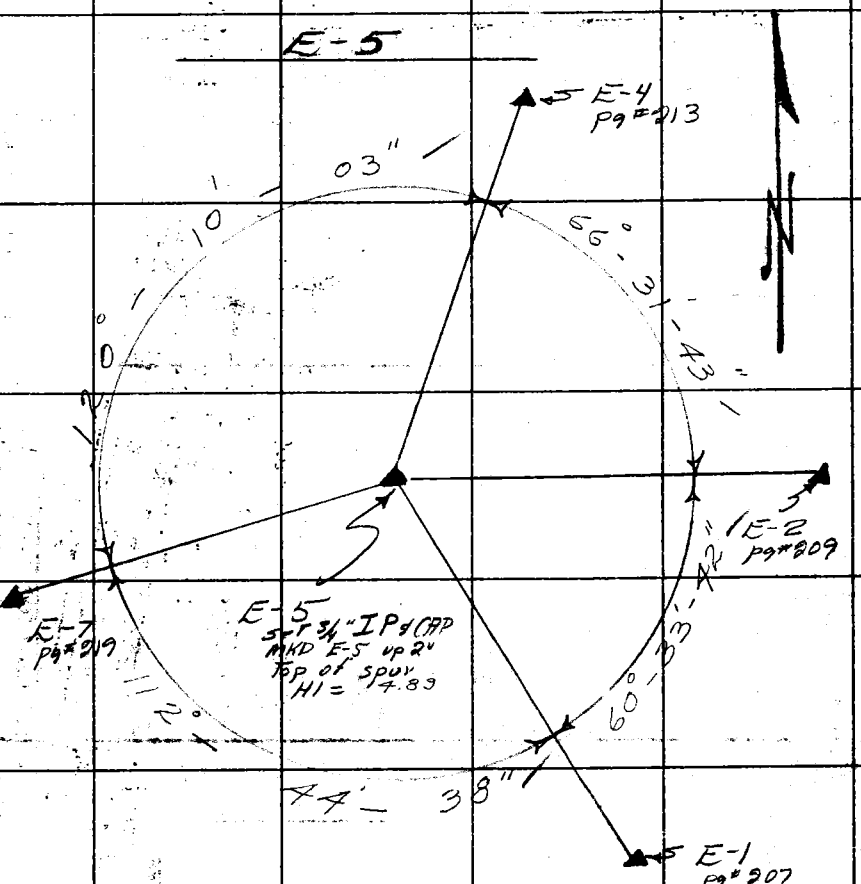
TRANSIT AT STATION F.B. PG. H.I. +

Sight on	+ Vertical Horizontal	+ Vertical	+ Curvature	+ Difference	Adjusted
-Rod	* Angle	Distance	+ Distance	Correction	- Elevation	Diff. Elev.



2) 240-20-00	2) 133-03-30	2) 121-07-20	2) 225-29-20
4) 120-40-10	4) 266-07-00	4) 242-14-40	4) 90-58-40
6) 361-00-20	6) 39-10-20	6) 363-22-10	6) 316-27-50
120-10-03	66-31-43	60-33-42	112-44-38

76F309S S&E #247. 8-54

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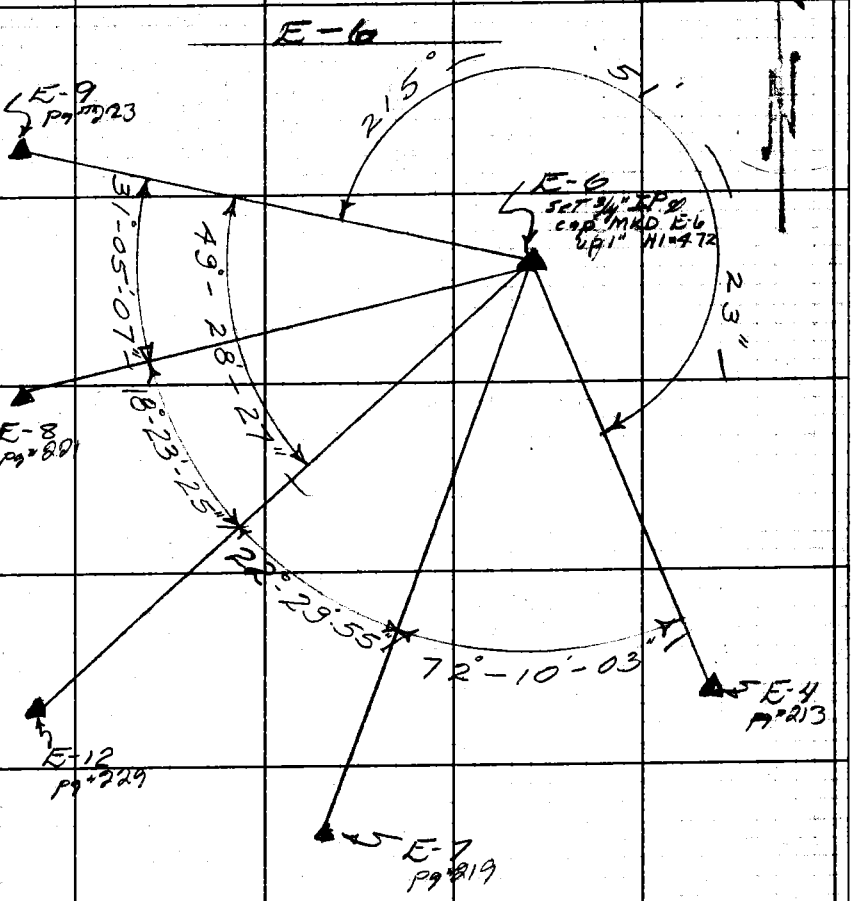
TRANSIT AT STATION E-5 F.B. 2338 PG 215 H.I. + 4.89

Sight on	Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
E-7	10.00	+07-09-20 +07-08-40 +07-09-00 ✓					
		+14-11-40					
E-4	10.00	+14-11-00 +14-11-20 ✓					
		+01-04-00					
E-2	10.00	+01-03-20 +01-03-40 ✓					
		-00-59-20					
E-1	10.00	-00-59-00 -00-59-10 ✓					

F.B. 2338 Pg. 215

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	JN 007436 Tape Std °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes C.T. Date 10-29-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 217



2) 144-20-10	2) 45-00-00	2) 36-46-50
4) 288-40-20	4) 89-59-50	4) 73-33-40
6) 73-00-20	6) 134-59-30	6) 110-20-30
72-10-03	22-29-55	18-23-25
2) 62-10-10	2) 98-56-50	2) 71-42-40
4) 124-20-30	4) 197-53-50	4) 143-25-40
6) 186-30-40	6) 296-50-40	6) 215-08-20
31-05-07	49-28-27	215-51-23

TRANSIT AT STATION F.B. PG H.I.+

Sight on -Rod + Vertical - Angle Horizontal Distance + Vertical - Distance + Curvature Correction + Difference - Elevation Adjusted Diff. Elev.

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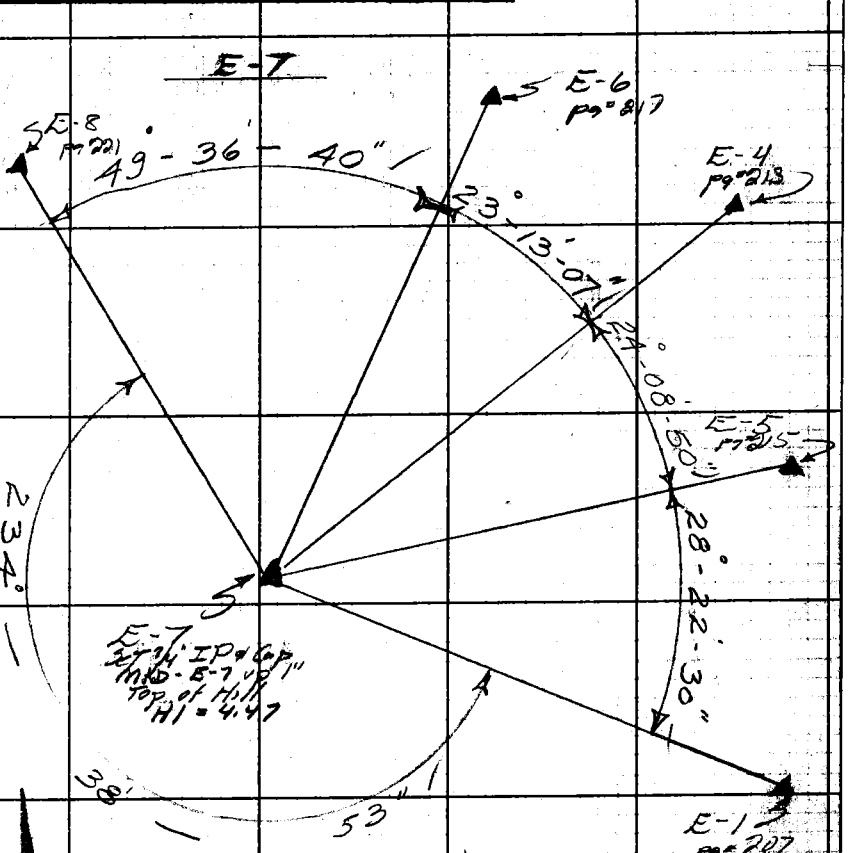
TRANSIT AT STATION E-6 F.B. 2338 PG 217 H.I. + 4.72

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-4	10.00	+ 06-16-40 + 06-16-00 + 06-16-20 ✓					
E-7	10.00	+ 00-34-40 + 00-34-00 + 00-34-20 ✓					
E-12	10.00	+ 00-12-00 + 00-11-20 + 00-11-40 ✓					
E-8	10.00	-01-45-00 -01-45-20 -01-45-10 ✓					
E-9	10.00	+ 01-23-40 + 01-23-00 + 01-23-20 ✓					

F.B. 2338 Pg 218

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN. RD	F. B 2338 Pg 212
Map No.	JN 0074.36 Tape Std °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes J.T. Date 10-23-59	
Date	Indexed A. C. Johnson	



2) 99-13-20
4) 198-26-40
6) 297-40-00
49-36-40

2) 46-26-00
4) 92-52-20
6) 139-18-40
23-13-07

2) 48-17-40
4) 96-35-20
6) 144-53-00
24-08-50

8?

2) 56-45-00
4) 113-30-00
6) 170-15-00
28-22-30

2) 109-17-40
4) 218-35-20
6) 327-53-20
234-38-53

TRANSIT AT STATION _____ F.B. _____ PG _____ H.I. + _____

Sight on -Rod + Vertical - Angle Horizontal Distance + Vertical - Distance + Curvature Correction + Difference - Elevation Adjusted Diff. Elev.

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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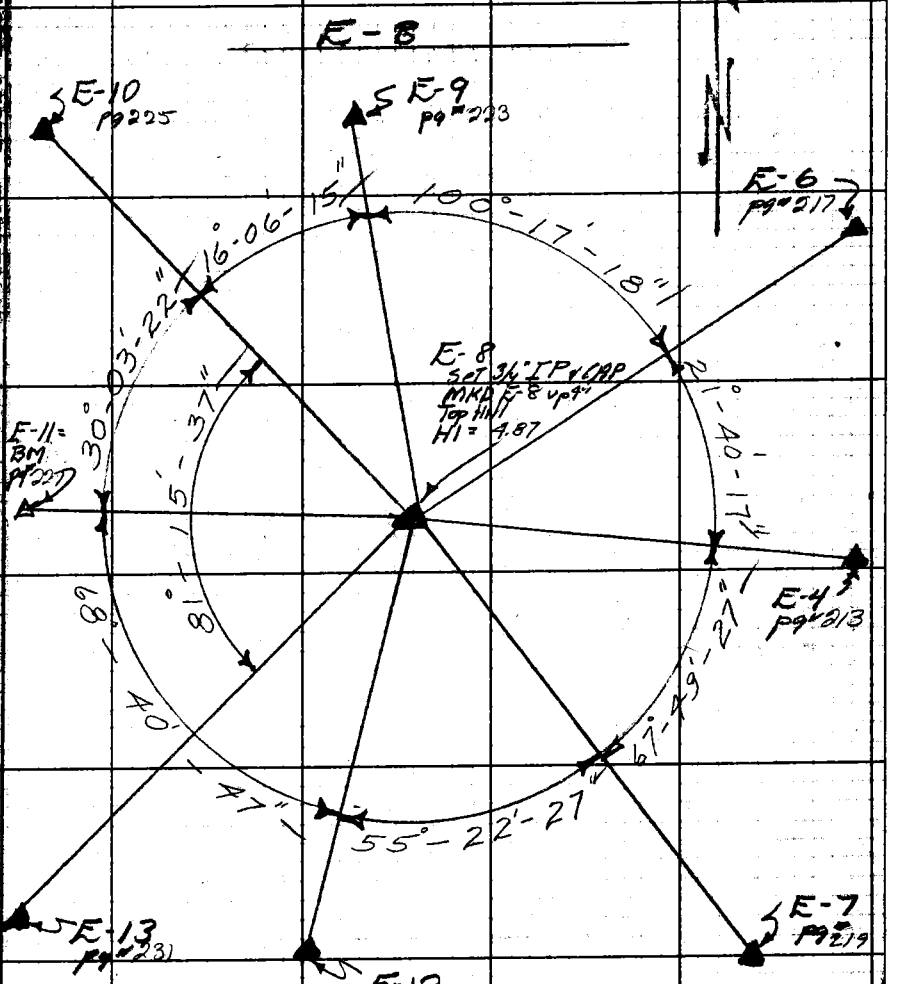
TRANSIT AT STATION E-7 F.B. 2338 PG 219 H.I. + 4.47

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-8	10.00	-02-41-40 -02-42-00 -02-41-50					
E-6	10.00	-00-16-40 -00-17-20 -00-17-00					
E-4	10.00	+02-10-20 +02-09-40 +02-10-00					
E-5	10.00	-06-42-40 -06-43-00 -06-42-50					
E-1	10.00	-05-14-00 -05-14-20 -05-14-10					

F.B. 2338 PG 220

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	JN 007436 Tape Std °F
Office Work	Surveyed by N. S. COWNERD
Checked	Notes J.T. Date 10-29-59
Date	Indexed A. C. Johnson

F. B. 2338 PG. 221



Sight on	Vertical Horizontal Distance	Vertical Distance	Curvature Correction	Difference Elevation	Adjusted Diff. Elev.
-Rod					
	2) 200-34-30 4) 41-09-20 6) 241-43-50 100-17-18	2) 43-20-20 4) 86-41-00 6) 130-01-40 21-40-17	2) 135-38-40 4) 271-17-40 6) 46-56-40 67-49-27	2) 110-45-00 4) 221-29-40 6) 332-14-40 55-22-27	
	2) 137-21-20 4) 274-43-00 6) 52-04-40 68-40-47	2) 162-31-10 4) 325-02-30 6) 127-33-40 81-15-37	2) 60-06-30 4) 120-13-20 6) 180-20-10 30-03-22	2) 32-12-20 4) 64-24-50 6) 96-37-30 16-06-15	

TRANSIT AT STATION F.B. PG H.I.+

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TRANSIT AT STATION E-8 F.B. 2338 PG 221 H.I. + 4.87

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-9	10.00	+05-26-20 +05-26-40 +05-26-30					
E-6	10.00	+02-06-40 +02-06-00 +02-06-20					
E-4	10.00	+04-00-40 +04-00-00 +04-00-20					
E-7	10.00	+03-07-40 +03-07-40 +03-07-40					
E-12	10.00	+02-07-40 +02-07-00 +02-07-20					
E-13	10.00	+02-09-20 +02-08-40 +02-09-00					
E-11	10.00	-06-56-40 -06-57-00 -06-56-50					
E-10	10.00	+04-05-40 +04-05-00 +04-05-20					

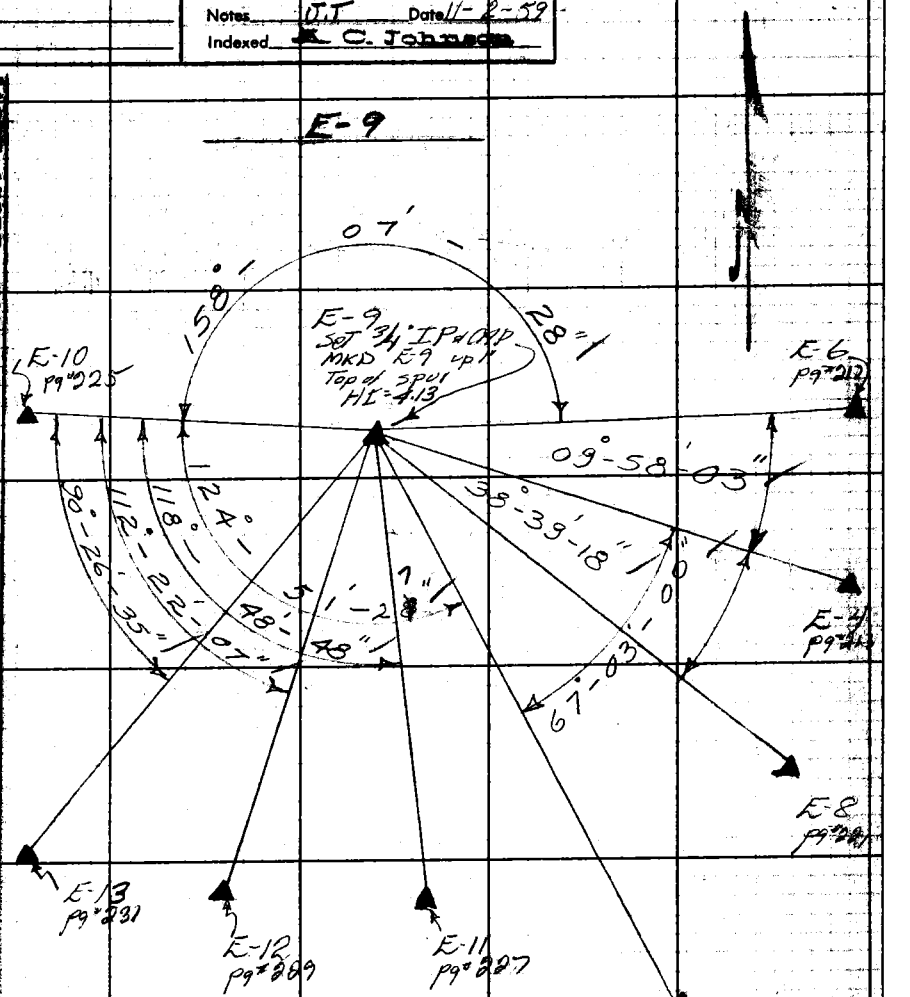
F.B. 2338 Pg. 222

Notes Ck'd by: H. J. AMBERS
Map No.
Office Work
Checked
Date

Survey of TRANCAS CYN. RD
JN 0074 36 Tape Std °F
Surveyed by W. S. COWHERD
Notes U.T Date 11-2-59
Indexed K. C. Johnson

F. B. 2338 Pg. 223

E-9



TRANSIT AT STATION _____ P.B. _____ PG _____ H.I. + _____

Sight on	+ Vertical Angle	Horizontal Distance	+ Vertical Curvature - Distance Correction	+ Difference Elevation	Adjusted Diff. Elev.
E-10	2) 19-56-00 4) 39-52-10 6) 59-48-20 09-58-03	2) 77-18-40 4) 154-37-20 6) 231-55-50 38-39-18	2) 134-06-10 4) 268-12-00 6) 42-18-00 67-03-00	2) 249-42-50 4) 139-25-50 6) 29-08-40 124-51-28	
E-9	2) 316-14-50 4) 272-29-50 6) 228-44-50 158-07-28	2) 237-37-30 4) 115-15-10 6) 352-52-50 118-48-48	2) 224-44-10 4) 89-28-20 6) 314-12-40 112-22-07	2) 180-53-00 4) 361-46-20 6) 182-39-30 90-26-35	

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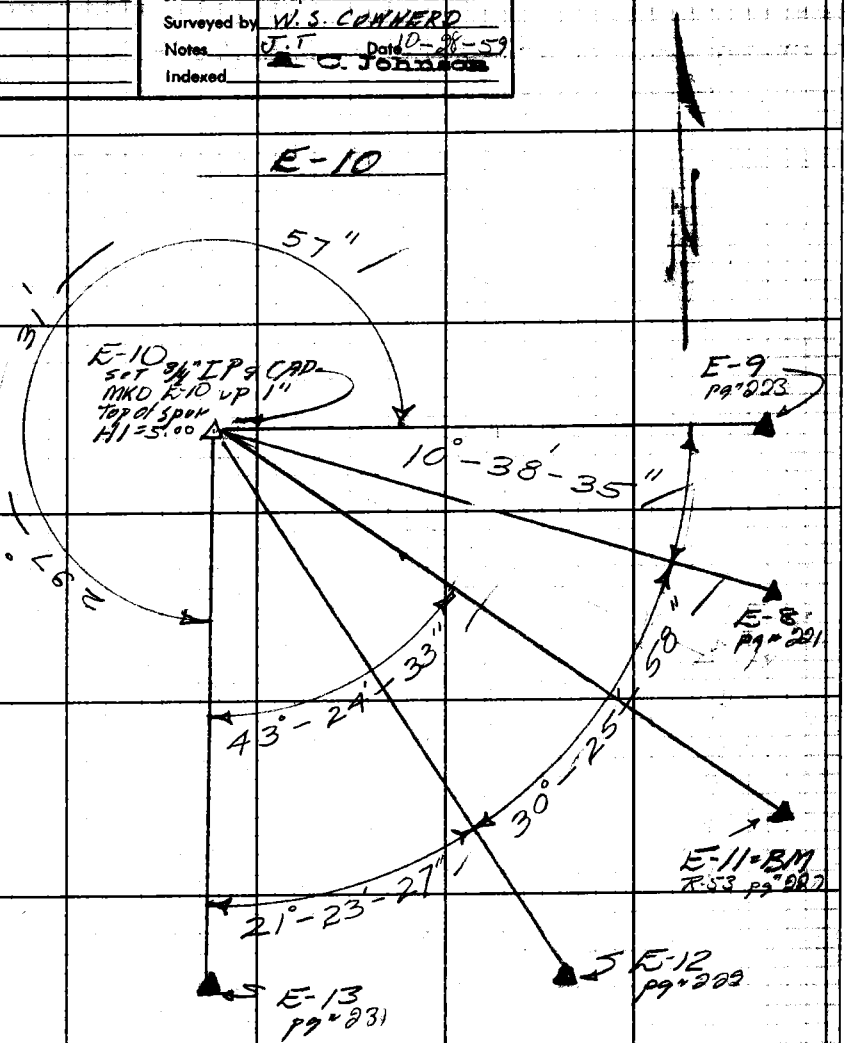
TRANSIT AT STATION E-9 F.B. 2338 PG 223 H.I. + 4.13

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-6	10.00	-01-05-00 -01-05-40 -01-05-20 ✓					
E-4	10.00	+00-56-20 +00-56-20 +00-56-20 ✓					
E-8	10.00	-04-53-20 -04-53-20 -04-53-20 ✓					
D-4 "SAGE"	10.00	+00-28-40 +00-29-00 +00-28-50 ✓					
E-11 "B.M."	10.00	-12-20-20 -12-20-00 -12-20-10 ✓					
E-12	10.00	-00-48-40 -00-49-00 -00-48-50 ✓					
E-13	10.00	+00-10-00 +00-09-40 +00-09-50 ✓					
E-10	10.00	+03-13-20 +03-13-40 +03-13-30 ✓					

F.B. 2338 Pg 224

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	JN 0074.36 Tape Std °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes J.T. Date 10-28-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 225



Sight on	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.

2) 21-17-20	2) 60-51-50	2) 42-46-40	2) 86-49-10
4) 42-34-20	4) 121-43-50	4) 85-33-40	4) 173-38-20
6) 63-51-30	6) 182-35-50	6) 128-20-40	6) 260-27-20
10-38-35	30-25-58	21-23-27	43-24-33

2) 235-03-40
4) 110-07-40
6) 345-11-40
297-31-57

TRANSIT AT STATION F.B. PG H.I.+

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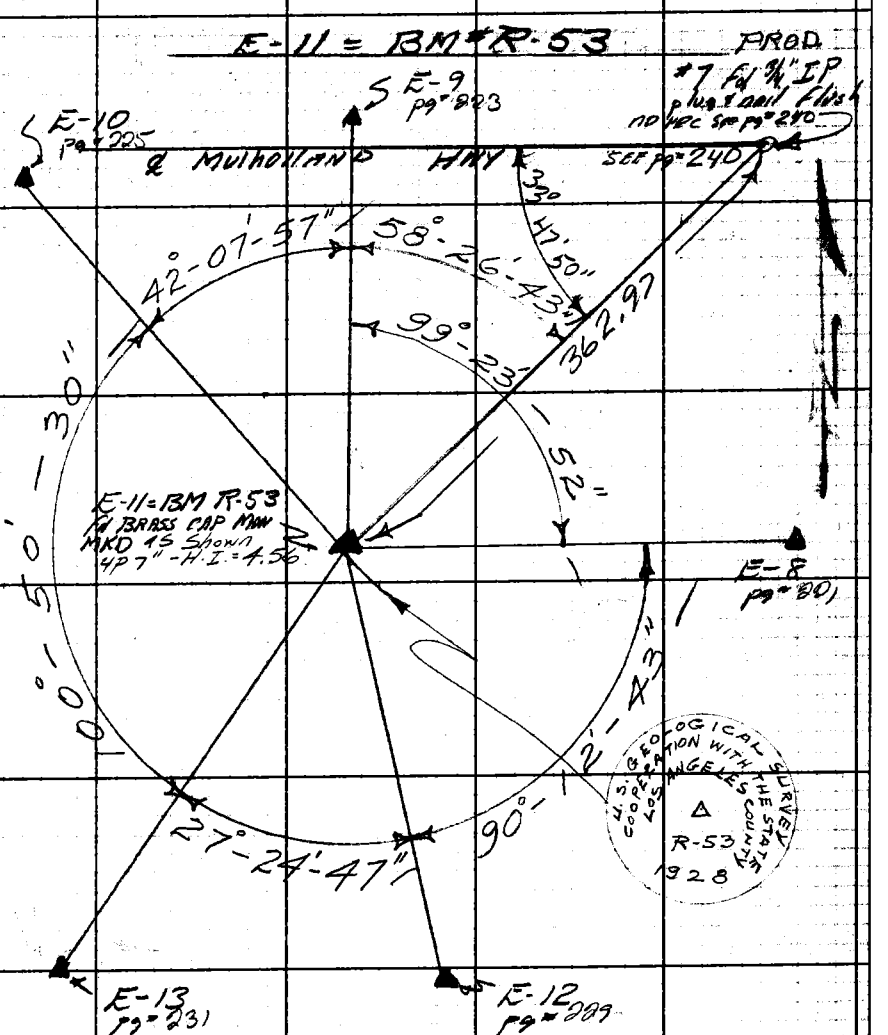
TRANSIT AT STATION E-10 F.B. 2338 PG 225 H.I. + 5.00

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-9	10.00	-02-50-40 -02-51-20 -02-51-00 ✓					
E-8	10.00	-03-53-20 -03-53-00 -03-53-10 ✓					
E-11	5.00	-07-06-20 -07-06-00 -07-06-10 ✓					
E-12	10.00	-02-02-40 -02-02-40 -02-02-40 ✓					
E-13	10.00	-01-15-00 -01-14-40 -01-14-50 ✓					

F.B. 2338 PG. 226

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	JN 007436 Tape Std °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C & JT Date 11-4-59
Date	Indexed A. C. Johnson

F. B. 2336 Pg. 227



2) 84-15-50	2) 116-53-20	2) 198-47-30
4) 168-31-50	4) 233-46-40	4) 37-35-20
6) 252-47-40	6) 350-40-20	6) 236-23-10
42-07-57	58-26-43	99-23-52
2) 180-25-30	2) 54-49-20	2) 201-40-50
4) 360-51-00	4) 109-39-00	4) 43-22-00
6) 181-16-20	6) 164-28-40	6) 245-03-00
90-12-43	27-24-47	100-50-30

TRANSIT AT STATION ____ F.B. ____ PG ____ H.I. + ____

Sight on - Red + Vertical Horizontal + Vertical + Curvature + Difference Adjusted
- Angle Distance - Distance Correction - Elevation Diff. Elev.

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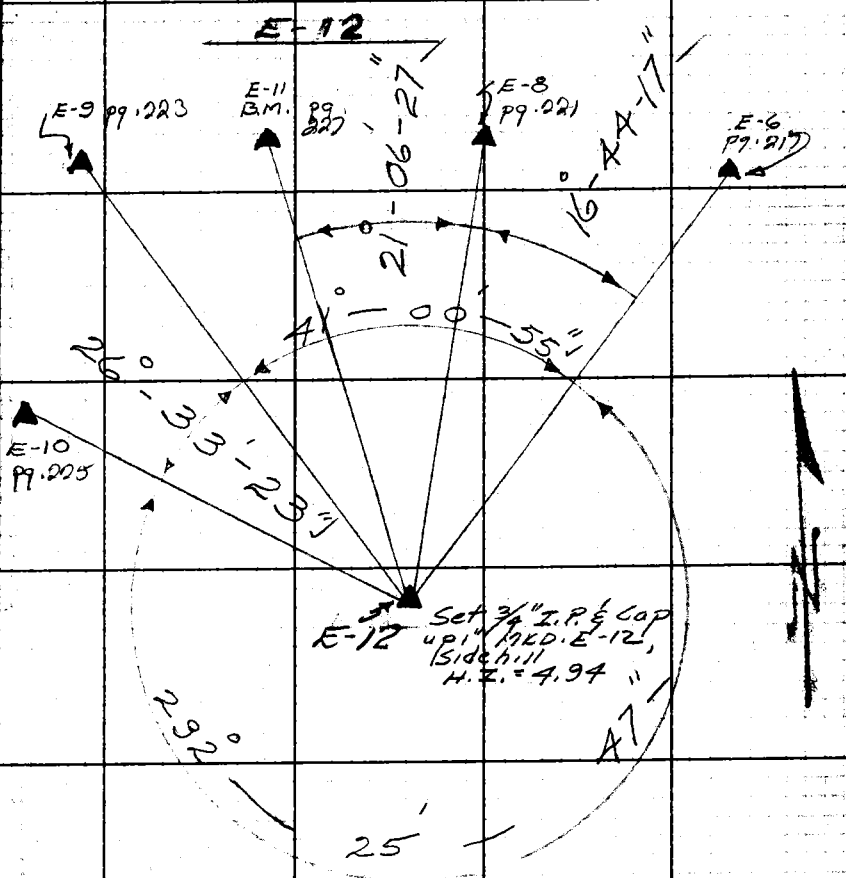
TRANSIT AT STATION E-11 = BM R-53 F.B. 2338 PG 227 H.I. + 4.56

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-10	10.00	+07-14-40 +07-15-00 +07-14-50 ✓					
E-9	10.00	+13-05-20 +13-04-40 +13-05-00 ✓					
E-8	10.00	+07-51-40 +07-52-00 +07-51-50 ✓					
E-12	10.00	+05-09-20 +05-09-00 +05-09-10 ✓					
E-13	10.00	+04-17-20 +04-17-00 +04-17-10 ✓					

F.B. 2338 Pg. 228

Notes Ck'd by [illegible]	Survey of TRANCAS CYN RD
Map No.	JN 007436 Tape Std °F
Office Work	Surveyed by W S COWHERD
Checked	Notes J.T. Date 10-23-59
Date	Indexed [illegible] C. Johnson

F. B. 2338 Pg. 229



2) 53-06-40	2) 82-01-40	2) 42-12-50
4) 106-13-40	4) 164-03-40	4) 84-26-00
6) 159-20-20	6) 246-05-30	6) 126-38-40
26-33-23 ✓	41-00-55 ✓	21-06-27 ✓
2) 224-51-30	2) 33-28-40	
4) 89-43-00	4) 66-57-10	
6) 314-34-40	6) 100-25-40	
292-25-47 ✓	16-44-17 ✓	

TRANSIT AT STATION F.B. PG H.I. +

Sight on	+ Vertical - Rod	Horizontal + Vertical + Curvature + Difference Adjusted
	- Angle	Distance - Distance Correction - Elevation Diff. Elev.

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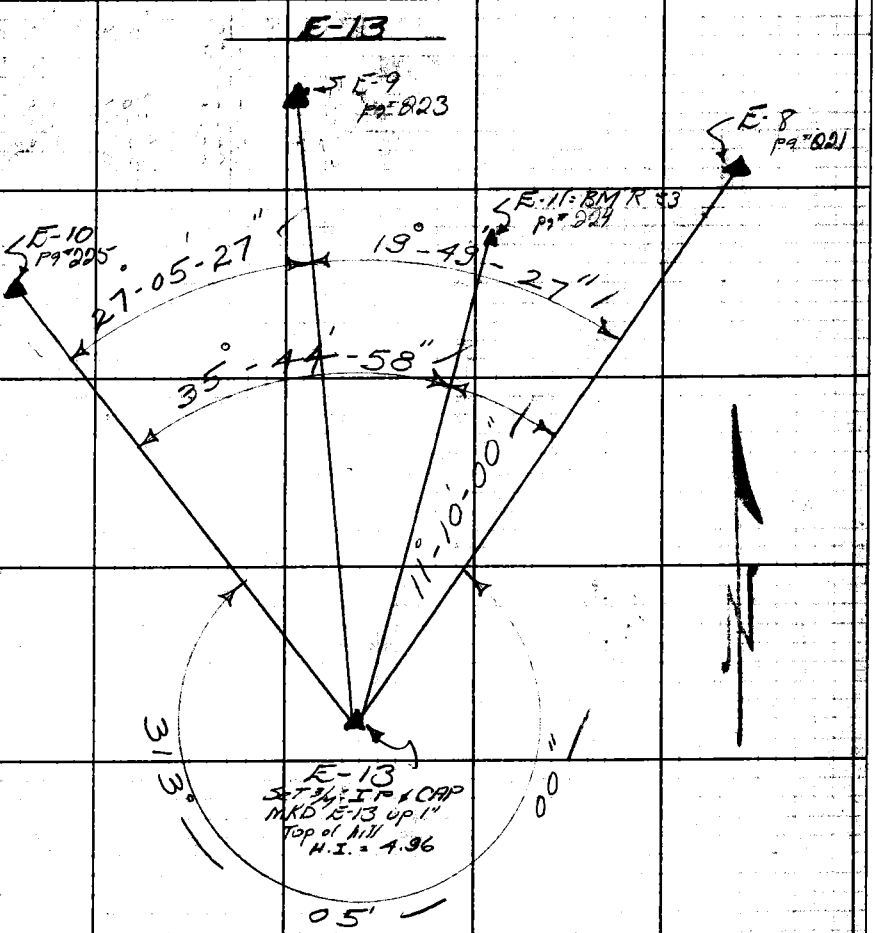
TRANSIT AT STATION E -12 F.B. 2338 PG 229 H.I. +4.94

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-10	10.00	+02-12-40 +02-12-00 +02-12-20					
E-9	10.00	+01-03-00 +01-03-20 +01-03-10					
E-11	10.00	-04-48-00 -04-47-40 -04-47-50					
E-8	10.00	-01-48-00 -01-48-00 -01-48-00					
E-6	10.00	-00-01-40 -00-01-00 -00-01-20					

F.B. 2338 PG 230

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN. RD.	F. B. 2338 Pg. 231
Map No.	JN 0074.36 Tape Std °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes J. J. Date 10-23-59	
Date	Indexed C. Johnson	



2) 54-10-50	2) 39-38-50	2) 71-29-50
4) 108-21-40	4) 79-17-40	4) 142-59-50
6) 162-32-40	6) 118-56-40	6) 214-29-50
27-05-27	19-49-27	35-44-58
2) 22-20-00	2) 266-09-50	
4) 44-40-00	4) 172-19-50	
6) 67-00-00	6) 78-30-00	
11-10-00	313-05-00	

TRANSIT AT STATION _____ F.B. _____ PG _____ H.I. + _____

Sight on -Rod + Vertical - Angle Horizontal Distance + Vertical - Distance + Curvature Correction + Difference - Elevation Adjusted Diff. Elev.

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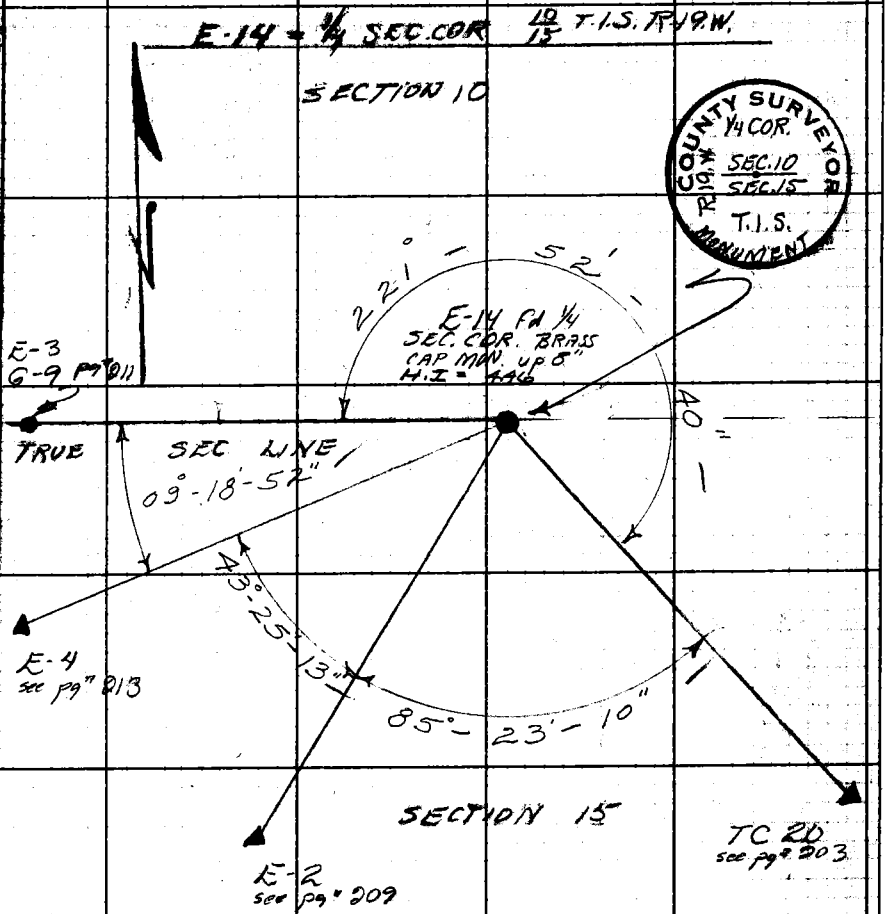
TRANSIT AT STATION E-13 F.B. 2338 PG 831 H.I. +4.96

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-10	10.00	+01-24-40 +01-24-00 +01-24-20					
E-9	10.00	+00-01-00 +00-00-20 +00-00-40					
E-11 = B.M.	10.00	-04-04-00 -04-04-40 -04-04-20					
E-8	10.00	-01-57-40 -01-58-20 -01-58-00					

F.B. 2338 Pg. 832

Notes Ck'd H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	JN 0074.36 Tape Std °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. C. J.T. Date 10-21-59
Date	Indexed E. C. Johnson

F. B. 2338 Pg. 233



2) 18-37-40	2) 83-45-20	2) 170-46-20	2) 86-50-20
4) 37-15-20	4) 167-30-50	4) 341-32-40	4) 173-40-50
6) 55-53-10	6) 251-16-00	6) 152-19-00	6) 260-31-20
09-18-52	221-52-40	85-23-10	43-25-13

TRANSIT AT STATION F.B. PG H.I. +

Sight on - Rod + Vertical - Angle Horizontal Distance + Vertical - Distance + Curvature Correction + Difference - Elevation Adjusted Diff. Elev.

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TRANSIT AT STATION E-14 F.B. 2338 PG 233 H.I. + 4.46

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
T.C.20	10.00	+02-07-50 +02-07-00 +02-07-25					
E-2	10.00	+05-55-40 +05-55-00 +05-55-20					
E-4	10.00	+10-15-40 +10-15-00 +10-15-20					

F.B. 2338 Pg. 234

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD	F. B 2338	Pg. 235
Map No.	JN 007436 Tape Std °F		
Office Work	Surveyed by W. S. COWHERD		
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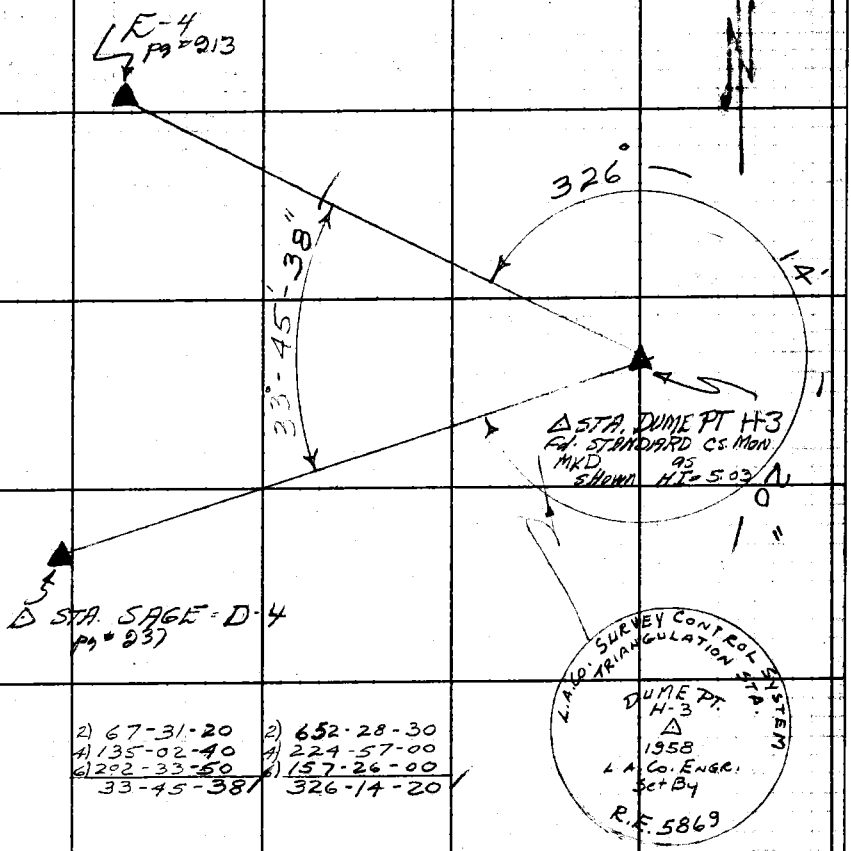
Date	Indexed A. C. Johnson		

△ STA DUME PT. H-3



2) 67-31-20	2) 652-28-30
4) 135-02-40	4) 224-57-00
6) 202-33-50	6) 157-26-00
33-45-38	326-14-20

TRANSIT AT STATION _____ F.B. _____ PG _____ H.I. + _____

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.

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TRANSIT AT STATION H-3 F.B. 2338 PG 235 H.I. + 5.03

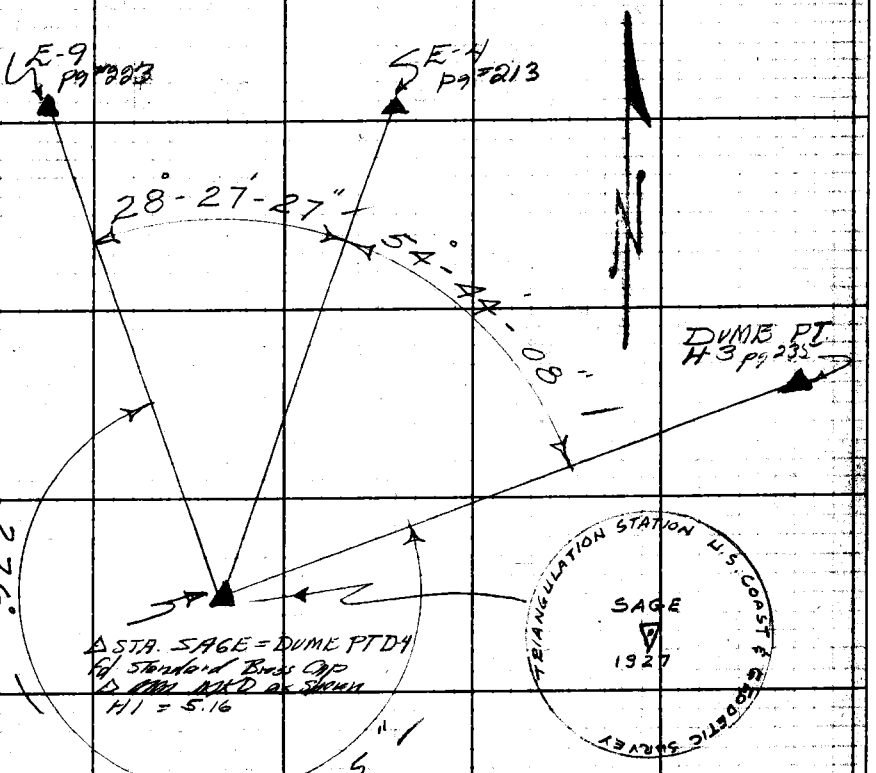
Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
E-4	10.00	-02-54-40 -02-55-20 -02-55-00					
D-4 (SAGE)	10.00	-02-22-40 -02-23-00 -02-22-50					

F.B. 2338 Pg. 236

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	JN 007436 Tape Std °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes J.T. Date 10-30-59
Date	Indexed A. C. Johnson

F. B. 2335 PG. 237

USC&GS Δ STA. SAGE = DUME PT. D-4



2) 56-55-00	2) 109-28-00	2) 553-36-50
4) 113-49-50	4) 218-56-20	4) 27-13-40
6) 170-44-40	6) 328-24-50	6) 220-50-30
28-27-27	54-44-08	276-48-25

TRANSIT AT STATION ____ F.B. ____ PG ____ H.I. + ____

Sight on	+ Vertical - Rod - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.

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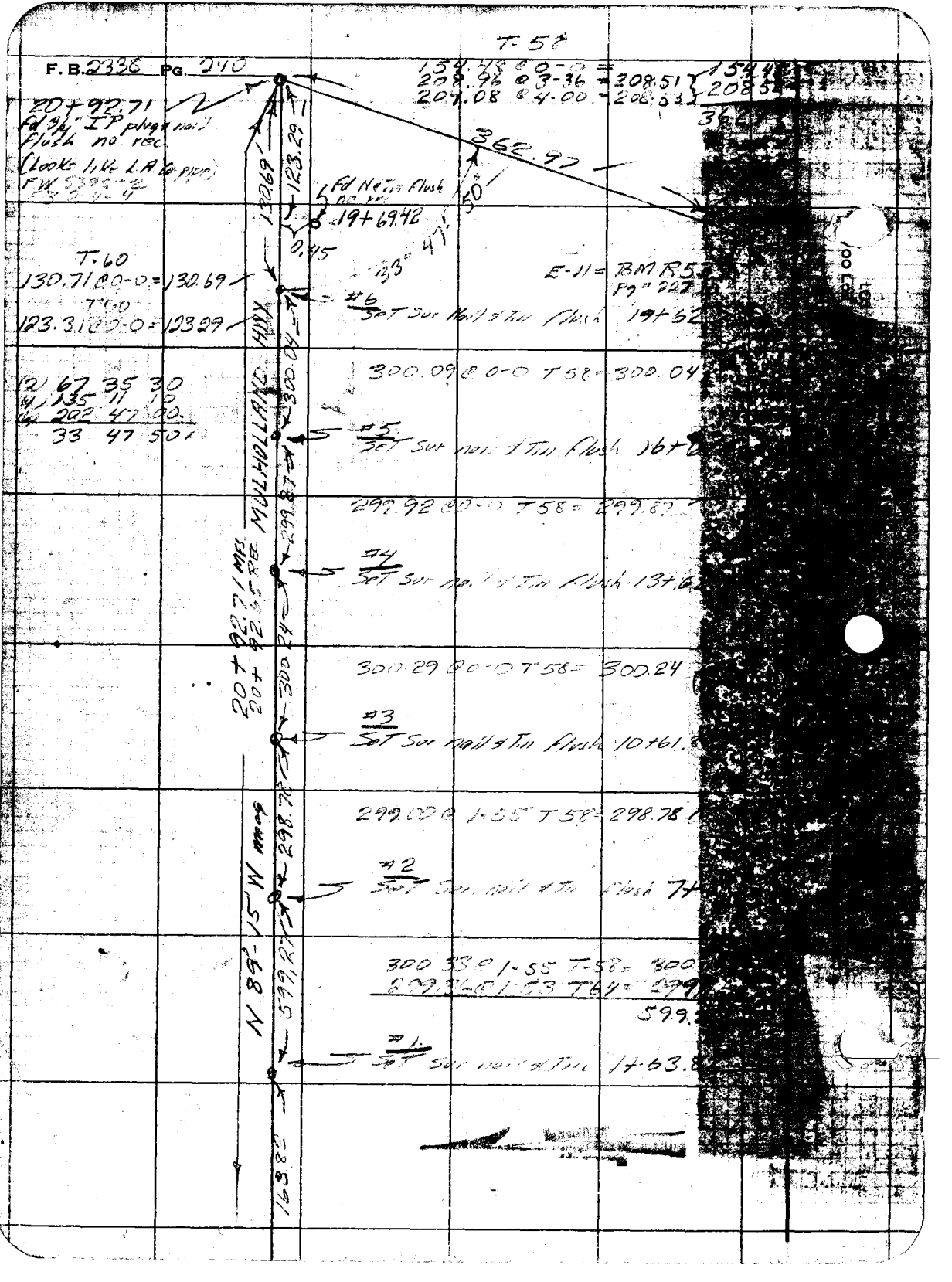
TRANSIT AT STATION D-4 F.B. 2338 PG 237 H.I. + 5.16

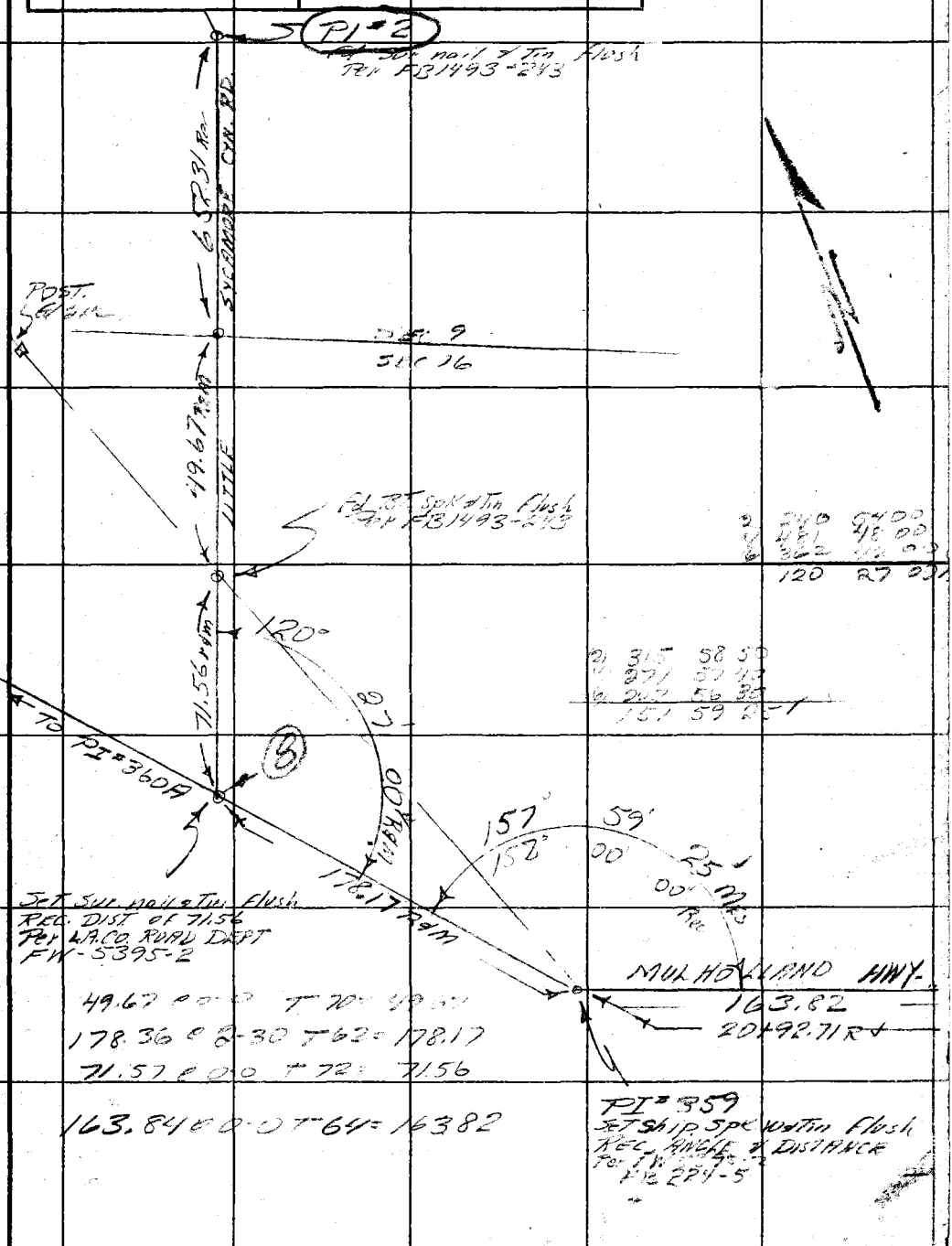
Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
E-9	10.00	-00-23-20 -00-24-00 -00-23-40 ✓					
E-4	10.00	-00-01-00 -00-00-40 -00-00-50 ✓					
H-3 DUME PT.	10.00	+02-25-00 +02-24-20 +02-24-40 ✓					

F.B. 2338 Pg. 236


F.B. 2336 PG. 240
T-58
154.48 @ 0-0 =
208.96 @ 3-36 = 208.51
209.08 @ 4-00 = 208.53
20+92.71
Fd 3/4" IP plug & nail flush no rec
(Looks like L.A. Co pipe)
362.97
Fd N & Tin flush no rec
19+69.42
0.45
33° 47' 50"
T-60
130.71 @ 0-0 = 130.69
T-60
123.31 @ 0-0 = 123.29
E-11 = BM R5
Pg = 227
#6
Set Sur Nail & Tin flush 19+62
300.09 @ 0-0 T58 = 300.04
(2) 67 35 30
(4) 135 11 10
(6) 202 47 00
33 47 50
#5
Set Sur nail & Tin flush 16+
299.92 @ 0-0 T58 = 299.87
#4
Set Sur nail & Tin flush 13+6
300.29 @ 0-0 T58 = 300.24
#3
Set Sur nail & Tin flush 10+61.
299.00 @ 1-55 T58 = 298.78
#2
Set Sur nail & Tin flush 7+
300.33 @ 1-55 T-58 = 300
299.36 @ 1-53 T64 = 299
599.
#1
Set Sur nail & Tin 1+63.8
MULHOLLAND HWY
20+92.71 MES.
20+92.65 REC
N 89°-15' W mag
130.69
123.29
300.04
299.87
300.24
298.78
599.27
163.82

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	JN 00743 Tape 117 Std 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Date 11-3-59
Date	Indexed A. C. Johnson

F. B. 2338 PG. 239



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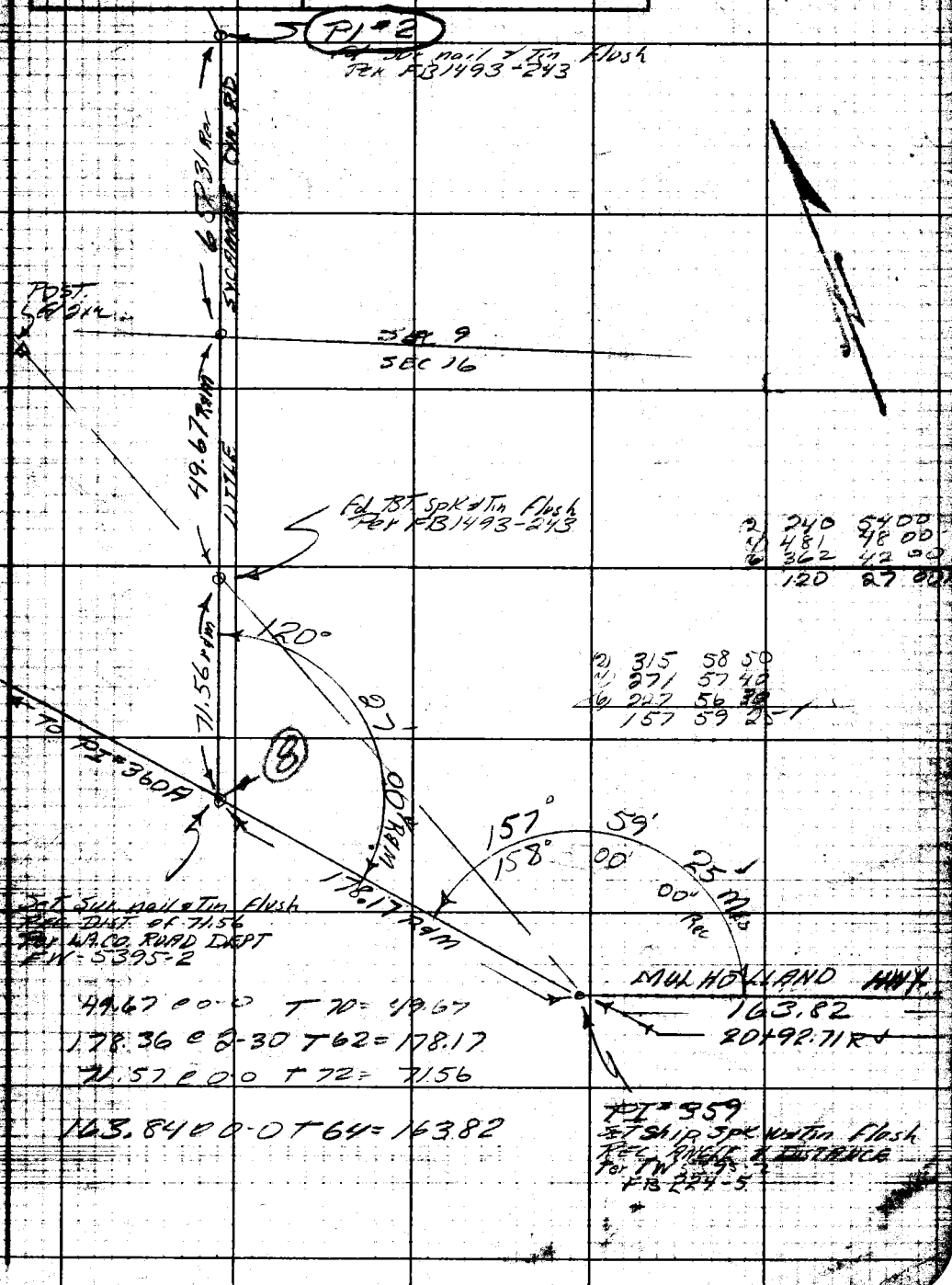
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7

Notes Ck'd by H. J. AMBERS	Survey of TRANCAS CYN RD
Map No.	JN 0074.36 Tape 117 Std 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W. S. C. Date 11-3-59
Date	Indexed A. C. Johnson

F. B. 2338 Pg. 237



(2)	240	54 00
(4)	481	48 00
(6)	362	42 00
	120	27 00

(2)	315	58 50
(4)	271	57 40
(6)	227	56 30
	157	59 25

49.67 @ 0-0 T 70 = 49.67

178.36 @ 2-30 T 62 = 178.17

71.57 @ 0-0 T 72 = 71.56

163.84 @ 0-0 T 64 = 163.82

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

Do not extend notes this side of this line.

REFERENCE TO LOS ANGELES COUNTY ENGINEER 700 Los Angeles County Engineering Bldg.