Notes Ck'd by	Survey of	F.B. 3101 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

WATERWORKS 29 J.N.0303.00

5-7	Index	HUME RESERVOIR SITE
8-24	Transit Line	Tie in Easement from Hume Rd. to Los Flores Cn. Rd.
25-34	Section Lines	E¼ Cor. W. to center. Sect. 27 T. 1 S., R 17 W.
35-40	Loc.	Easement from Hume Rd. to Las Flores Canyon Rd.
41-46	Loc.	Las Flores Cyn. Pumping Station
47-52	Loc.	Las Flores Cyn. Easement
53-56	Loc.	Pumping Station Site
57-66	Profile X-Sec.	On Las Flores Cn.Rd., Pumping Sta. Site & on Easement
67-69	B.M.	Levels for Topog. control from TBM#7 nly. along Rambla Pacifico.
71-83	Sect.Li.	Survey of North 1/2 Section 27, T 1S R. 17 W.
85-99	Sect.Li	Southerly line Sect. 27, T1S,R17W.
101-111	Transit Line	Rambla Pacifico Rd. N'ly from S'ly Line Sect. 27, T1S, R 17W.
113-117	Transit Line	Lamplighter Lane Westerly from Rambla Pacifico
119-126	Transit Line	Hume Roadfrom Rambla Pacifico
127-134	Transit Line	Line on Azurelee Dr.

Continued Over

3101

LOS A
03 Los A

76P8098 CE #310 8-68

F.B. Pg.

135-142	Transit	Line on Castlewood Dr.
143-156	Topog.	Loc. of Imp. on Rambla Pacifico
157-164	Profile	Drain inverts on the above.
165-176	Topog.	Lamplighter Land & Hume Rd.
177-181	Profile	Same as above
183-189	Topog	Azurelee Dr.
191-194	Profile	Same as above
195-199	Topog	Castlewood Dr.
201-205	Profile	Same as above
207-216	Profile & Topog	Rambla Pacifico from Ranch Line M.T.S. South to B.C.curve #4
217-234	C.L.	Resurvey of Hume Rd. & Lamplighter Lane
235-236	Monum. Prop.Cor	Hume Reservoir Site Property corner monumenting.
237	Sec. Survey	Survey of 1/4 Sect. Line at Hume Rd. Sects.26 & 27 T. 1 S, R.17[illegible]
239-240	B.M.	Levels for Topog. control P.T. [illegible]-A.

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Survey of Z IV B LAS FLORES HUME
JN 0303.00 Tape 18C Std 84 °F
Surveyed by J. H. Brown
Notes J. H. B Date Nov 1962
Indexed E. J. GALLI DEC 1 8 62

F. B. 3101 Pg. 5

Z IV B
LAS FLORES HUME

Transit Line to

Tie in Easement that runs from HUME ROAD to LAS FLORES CN. RD. & portion East-West ℄ Sec 27. (pages 9-10-& 11)

J.N. 0303.00

Nov 1962

Party
J. H. Brown
T. C. Peterson
A. Cano
R. C. Clifford Jr.
S. T. Yamamoto

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CE F 310 3-61

F. B. 3101 PG. 6

This Traverse was run from the best point I could determine as being near the NW COR OF TR 9705 (not recorded) and attempting to pick up the deed (D-70-3) description at RAMBLA PACIFICA & HUME RD. thence following Hume Rd to the East-West center line of SECTION 27 IT WAS hoped when this traverse was begun that I would find SURVEY POINTS & fences etc. that would indicate where the center line of HUME RD & walk. I did not find anything. This was a "hurry-up" Job & I did not spend any time searching for wood stakes - or digging for covered I.P.s. I also did not attempt to find the point S 0° 31' 55" W 697.06 from the NW CORNER TR 9705 - at which the deed description begins.

This Traverse is not intended be a true center line for RAMBLA PACIFICA, HUME RD or WALK.

J. W. Brown

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Map No.	JN 0303.00 Tape 186 Std 84 °F	
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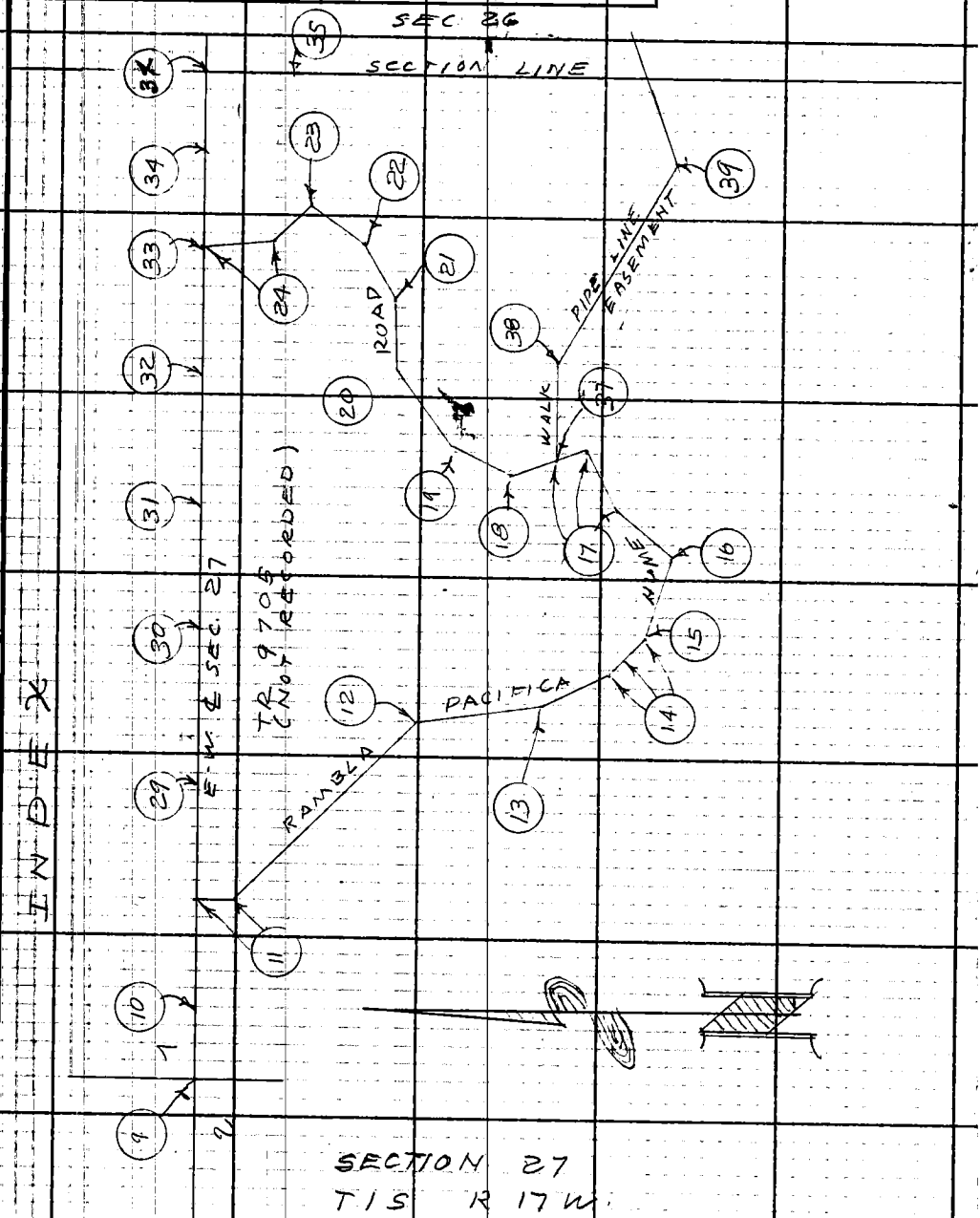
Checked	Notes J. H. B. Date Nov 1962	
Date	Indexed [redacted] J. GALLI	



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W.S. 89, A-5

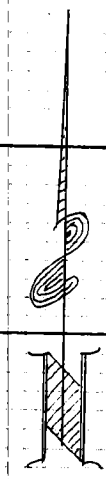
Notes Ck'd by	Survey of ZIV. B LAS FLORES
Map No.	JN 0302.01 Tape 1.86 Std 84 °F
Office Work	Surveyed by H. H. Brown
Checked	Notes H. H. B. Date Dec 1962
Date	Indexed R. J. GALLI DEC 1 8 '62

F. B. 3101 PG. 9

12.12 (T=72) Lev = 12.12
12.12 (T=72) Lev = 12.12 } 12.12

212.86 (T=74) @ 13°09'20" = 207.26
~~213.02 (T=74) @ 13°26'00" = 207.18~~
212.98 (T=74) @ 13°16'20 = 207.28 } 207.27

219.39



PAGE 10

CONT

219.39

0.15

same

This line shown on map "SURVEY OF RAMBLA PACIFICO HIGHLANDS" Not in Pouch. R.W. STEVENS has copy.

END THIS SURVEY

Fd 2" I.P. wood plug & nail up 4" (UNDER pile of ROCK) USED as center of SECTION Ref. below.

NOTE: below is copied from parts of a map shown me by owner R.W. STEVENS

199.43 — 214.99

1" I.P. & L.S. tag No 2743

"DOW & STEVENS MAP to show survey of a parcel - being a portion of the NE 1/4 of the SW 1/4 SEC 27 T1S R 7 W"

Fd old 2" I.P. with plug, no tag. Accepted as ctr SEC 27 without extensive survey required to verify position of said I.P. with theoretical position of center of said section"

SURVEYED by M.C. QUIROS
LIC. SUR. NO. 2743
22249 PAC. COAST HWY.
MALIBU
Phone Globe 6-8022.

Owner obtained title insurance from (TT) an basis of survey (= S85 09 06 July 19, 1962)

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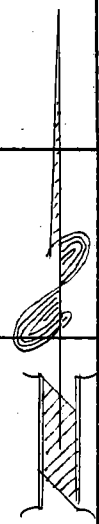
F. B. 3101 Pg. 10

268.93 (T=76) @ 11°24'00" = 263.61 ✓
268.70 (T=76) @ 11°06'40" = 263.65 ✓ } 263.65 ✓
268.81 (T=76) @ 11°13'40" = 263.65 }

57.89 (T=74) @ 7°04' = 57.45 ✓ }
58.02 (T=74) @ 8°07 = 57.44 ✓ } 57.44 ✓

111.70 (T=74) @ 12°56'40" = 108.85 ✓ } 108.86 ✓
112.43 (T=74 @ 14°27'20 - 108.86 }

429.95 ✓



RAMBLA PACIFICA

PAGE 9

PAGE 11

Set nail on line

219.39'

429.95'

2.15

0.73

T LINE 146.43

1.16

281.37 ✓

Fd spk & tin flush. pvmt west side RAMBLA PACIFICA No. Ref. (R.W. Stevens thinks it is ℄ of 30' easement to his property)

Fd 2x2 & nail no ref.

CONT

CONT

40.09 (T=74) @ 7°50 = 57.44 ✓ (above)
39.72 ✓
17.72 ✓
263.65 ✓
281.37 ✓

W.S. 89 A-5

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Ram @

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Checked	Notes U. H. B Date NOV 1962
Date	Indexed C. J. GALLI

F. B. 3101 PG. 11

W.S. 89 A-5

.46
1385 = .000 33 24
= sin 0° 1' 10" ✓

1/4 cor pg

N 89 31 10 E
0 1 10 ✓
N 89 32 20 E ✓

0.26 1.83 0.20

S 89 32 20 W
S 0 31 55 W
89 00 25 ✓

98.33 per deed map
.26 meas
98.59 calc. ✓

Fd 1½" I.P. charred wood plug & nail up 2". (MAY be N.W. cor. TR 9705 ABANDONED.
Per Rd Dept F.X. 434-2
Used as Start for Survey
170.66

INTS. Set nail by ints. 281.37 ✓
N 89 32 20 E calc
calc above 429.95 ✓

0.96

0.26

1.83

N 89°31 10"E per deed map.

See note pg. 28

CONT PAGE 27

00' 25" ✓

Fd 2 I.P. charred wood plug used dr up 4" No Ref.

1) 89 00 30
4) 356 01 40 ✓
6) 174 02 30
Avg = 89 00 25 ✓

~~103.35 (T=64) @ 170 30' 40" = Vert. ∠~~ wrong

103.02 (T=64)
@ 16° 49 00 = 98.60 ✓

103.22 (T=64)
@ 170° 13' 20" = 98.58 ✓

Avg = 98.59 ✓

AZURELEE DR

1) 48 02 00
4) 192 08 20
6) 288 12 30 ✓
Avg 48 02 05 ✓
Suppl 131 57 55 ✓

ANGLE PT. Set spk & tin calc ∠ & dist. from north.
(∠ = 89°00 25
dist = 98.59

RAMBLA

deed map S 00 31 55 W

PACIFICA

LINE 98.59

131° 57' 55"

LINE 682.73

deed map S 47°30 10"E

737.43

Set sight on calc. angle. (North side RAMBLA PACIFICA)

CONT PAGE 12

~~CONT. PG~~ RAM B.

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7 OF 3095 CE # 310 3-61

Ram (b)

F. B. 3101 Pg. 12

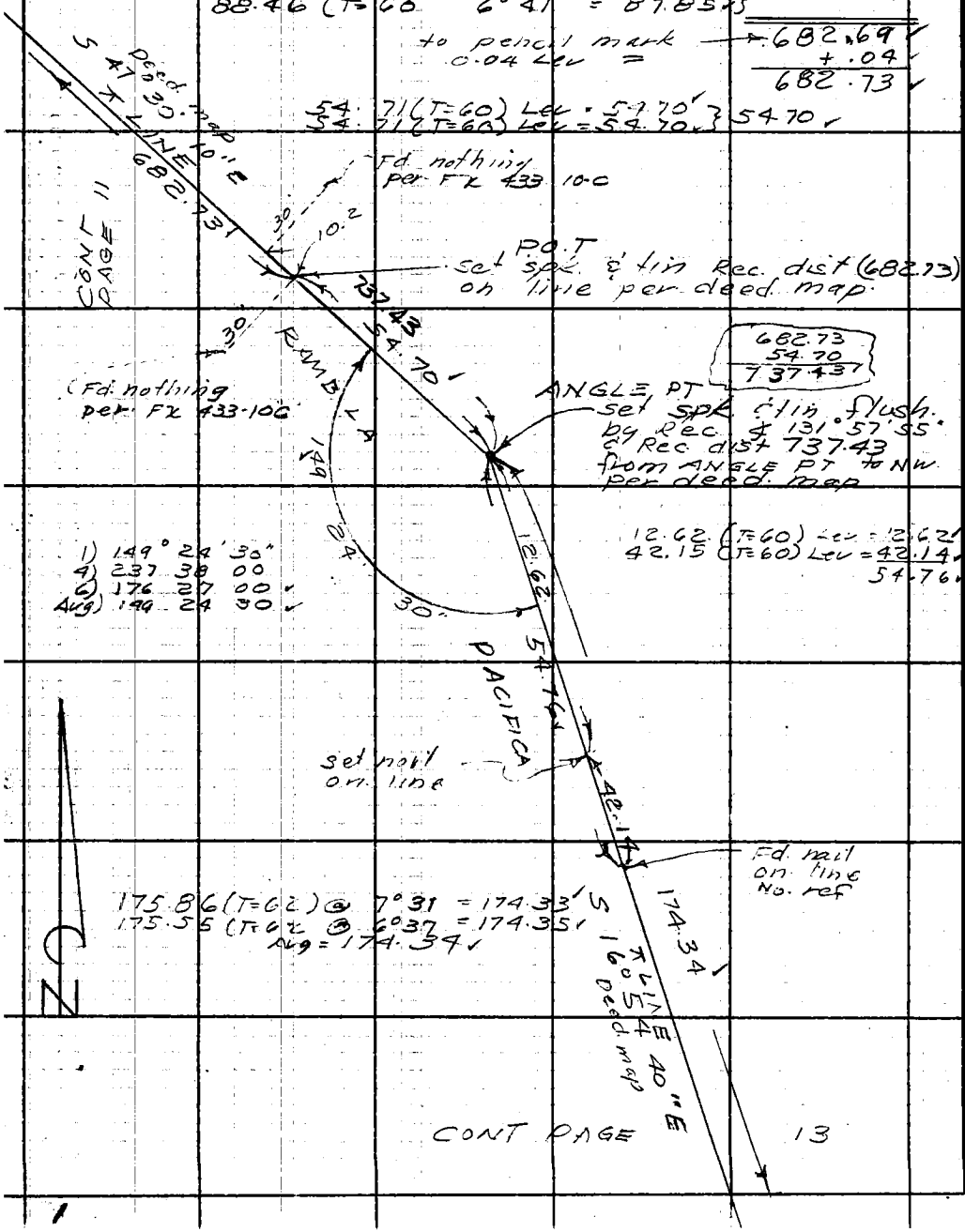
299.18 (T= 58) 7° 14' = 296.75 } 296.76
298.99 (T= 58) 6° 54 = 296.77

tape hitting ~~299.46 (T= 58) 5° 17' = 298.14~~
299.59 (T= 58) 5° 38 = 298.09 } 298.08
299.75 (T= 58) 6.00 = 298.06

88.61 (T= 60) @ 7° 28' = 87.85 } 87.85
88.46 (T= 60 6° 41 = 87.85

to pencil mark → 682.69
0.04 Lev = + .04
682.73

54.71 (T=60) Lev = 54.70 } 54.70
54.71 (T=60) Lev = 54.70



682.73
54.70
737.43

12.62 (T=60) Lev = 12.62
42.15 (T=60) Lev = 42.14
54.76

1) 149° 24' 30"
4) 237 38 00
6) 176 27 00
Avg) 149 24 30

175.86 (T=62) @ 7° 31 = 174.33
175.55 (T=62 @ 6° 37 = 174.35
Avg = 174.34

CONT PAGE 13

W.S. 89, A-5

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Ram (C)

Notes Ck'd by	Survey of ZIVB LAS FLORES HOME	F. B. 3101 PG. 13
Map No.	JN 030300 Tape 186 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B Date Nov 1962	
Date	Indexed C. J. GALLI	

W.S. 89, A-5

CONT PAGE 12

Ram (B)

58.02 (T=62) Lev = 58.01 } 58.01 ✓
58.02 (T=62) Lev = 58.01 }

S 16° 54' 40" E per deed map

174.34

Fd nail no ref 0.04 0.06

set spk & tin ON LINE

RAM BLA

58.0

Fd nail & tin no ref 0.04 0.07

PACIFICA

ANGLE POINT set nail in edge of tin. On line to sight shown below & Rec dist. (232.35) from N.W.

FB. FX 433-10 "C"

54.70
119.64
58.01
232.35 ✓

196.08

32° 20' 50"

CONT PAGE 14 Ram (A)

1) 32 20 40
4) 129 33 20
6) 194 05 10 ✓
Avg = 32 20 52 ✓

S 49° 15' 30" E per deed map

set sight by Rec ∡ (149° 24' 30") from ∡ point shown page 12 Per. FX 433-10 "C"

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76F309S CE # 310 3-61

Ram (d)

F. B. 3101 Pg. 14

Ram (c) PAGE 13

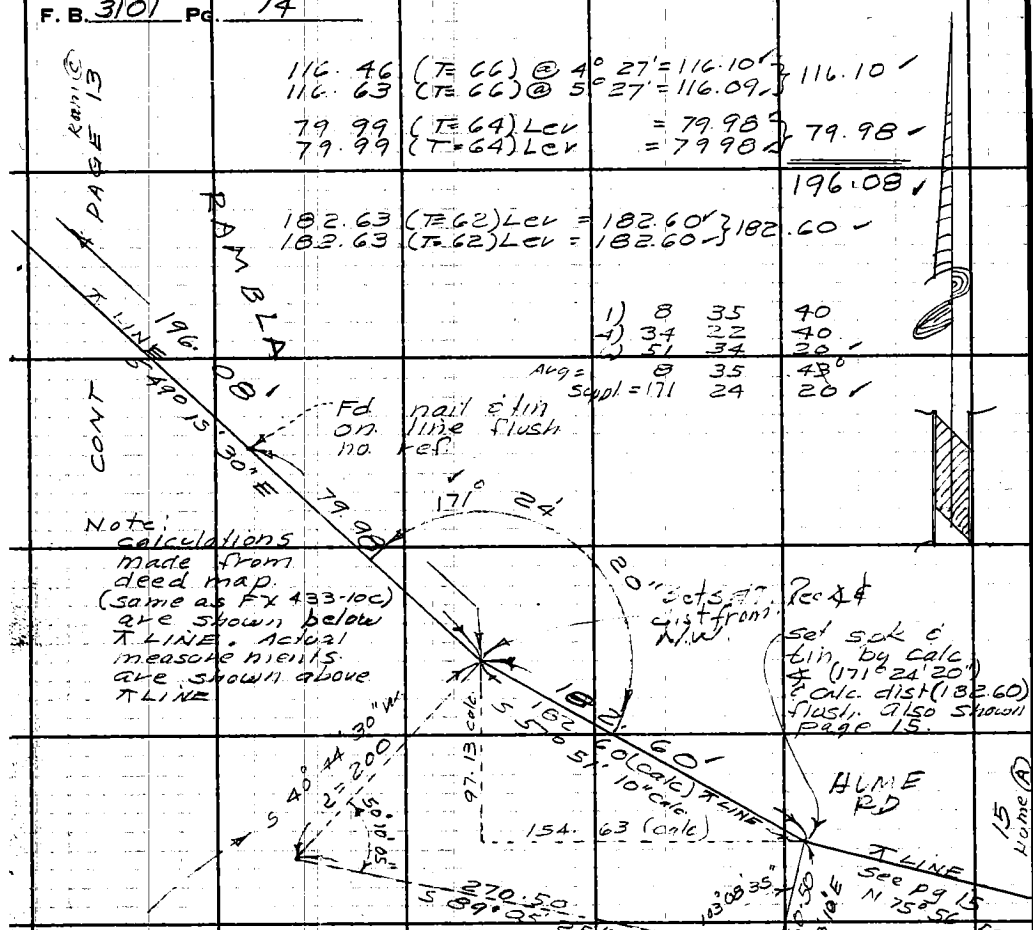
116.46 (T=66) @ 4° 27' = 116.10 } 116.10
116.63 (T=66) @ 5° 27' = 116.09

79.99 (T=64) Lev = 79.98 } 79.98
79.99 (T=64) Lev = 79.98

196.08

182.63 (T=62) Lev = 182.60 } 182.60
182.63 (T=62) Lev = 182.60

1)	8	35	40
4)	34	22	40
2)	51	34	20
Avg =	8	35	43°
Suppl =	171	24	20



Note: calculations made from deed map. (same as FX 433-10c) are shown below T LINE. Actual measurements are shown above T LINE

89	59	60
49	15	30
40	44	30
50	10	05
90	54	35
89	05	25
180	00	00

75	56	50
14	03	10
90	00	00

89	05	25
14	03	10
103	08	35

PACIFICA

CONT PAGE

Bearing	COURSE	N = + S = −	E = + W = −
S 40° 44' 30" W	200.00	− 151.53	− 130.53
S 89° 05' 25" E	270.50	− 4.29	+ 270.47
		− 155.82	+ 139.94
N 14° 03' 10" E	60.50	+ 58.69	+ 14.69
		− 97.13	+ 154.63

$\sqrt{(97.13)^2 + (154.63)^2} = 182.60^2$

$\frac{97.13}{154.63}$ = cotan. 57° 51' 10"
49 15 30
8 35 40

8	35	40
171	24	20
180	00	00

X

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Hume (2)

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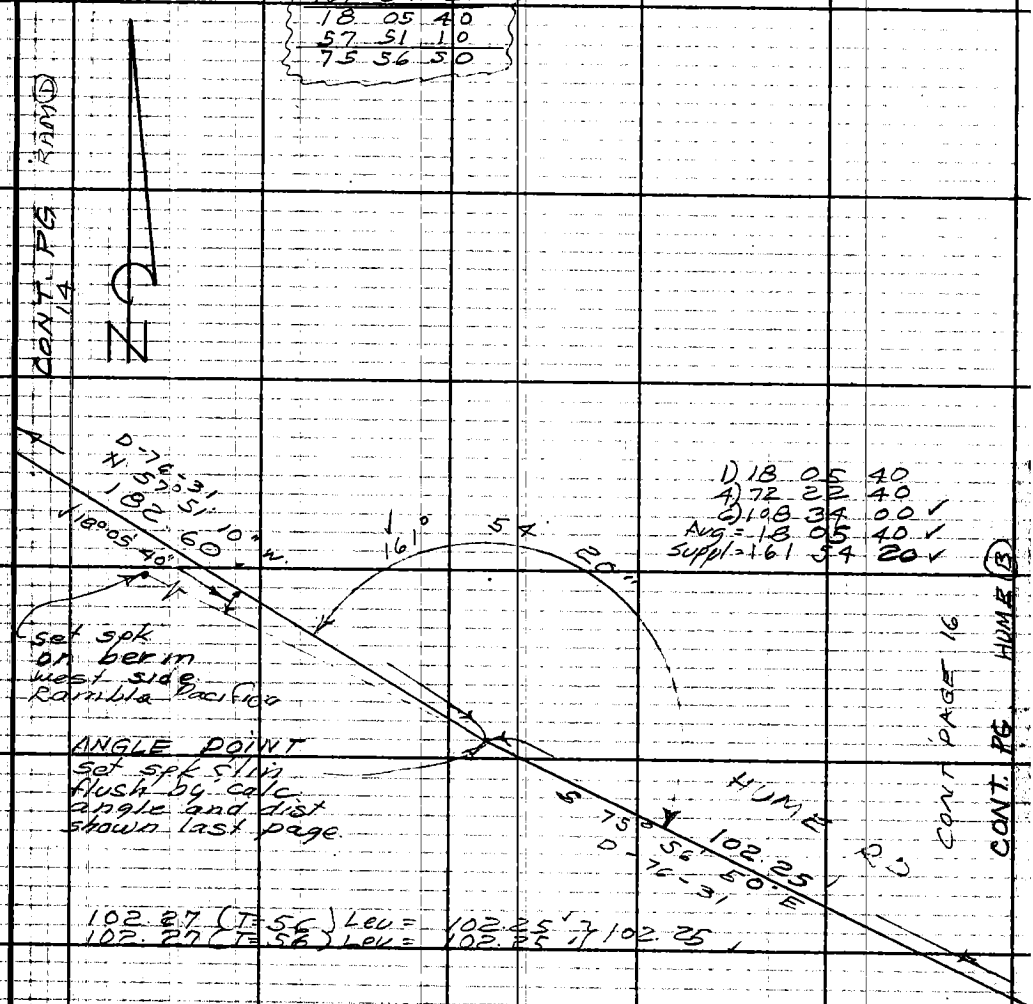
Date	Indexed C. J. GALLI

F. B. 3101 PG. 15

179 59 60
161 54 20
18 05 40
57 51 10
75 56 50



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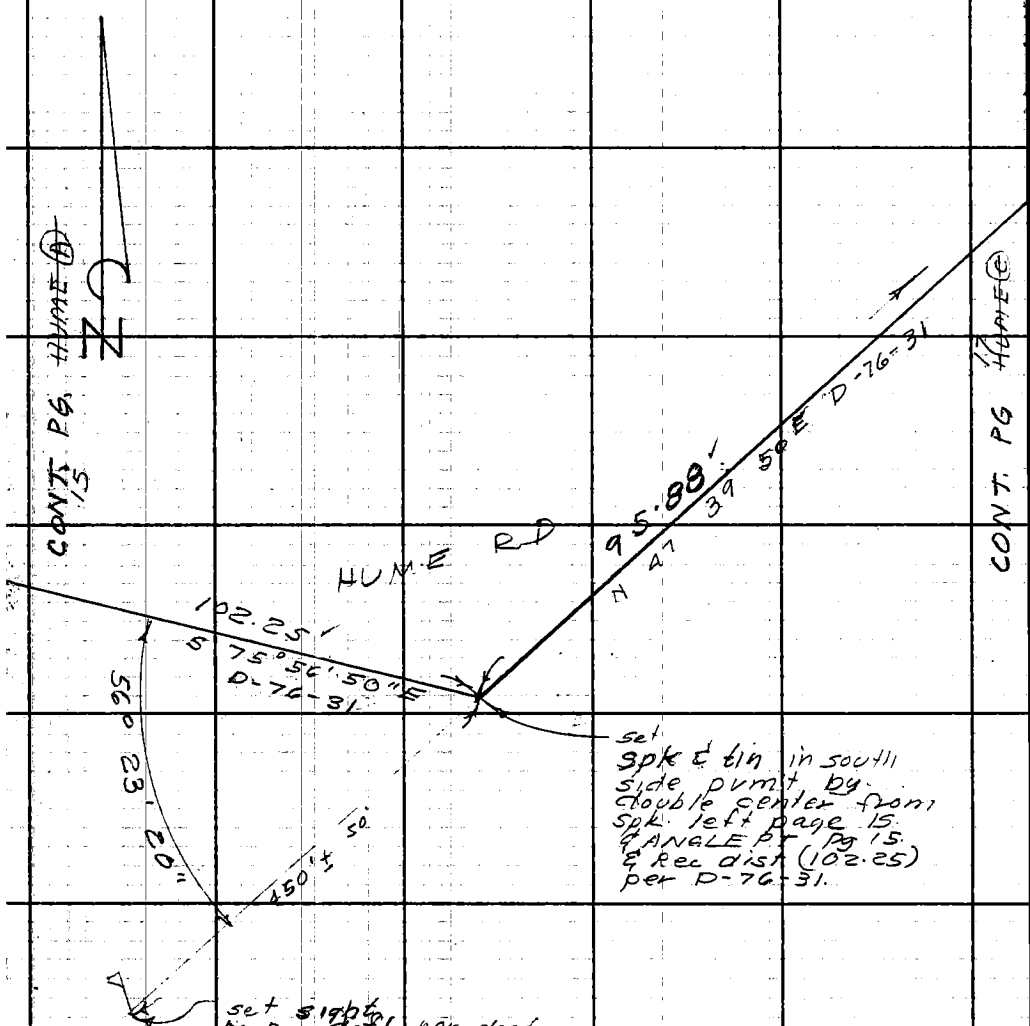
76F309S CE # 310 3-61

Hume (b)

F. B. 3101 Pg. 16

95.90 (T=56) Lev = 95.88 ✓
95.90 (T=56) Lev = 95.88 ✓ } 95.88 ✓



1)	56	23	40	N	75	56	50	W
4)	225	33	20		56	23	20	
6)	338	20	10		132	20	10	
Avg =	56	23	21⅔ ✓	N	47	39	50	E
					180	00	00	

W.S. 89, A-5

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Hume C

Notes Ck'd by	Survey of Z IVB LAS FLORES HUME	F. B. 3101 PG. 17
Map No.	JN 0303.00 Tape 186 Std 84 °F	
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Date	Indexed C. J. GALLI	

N.S.89.A-5

CONT PAGE 18

Hume C

173.96 (T=64) Lev = 173.94

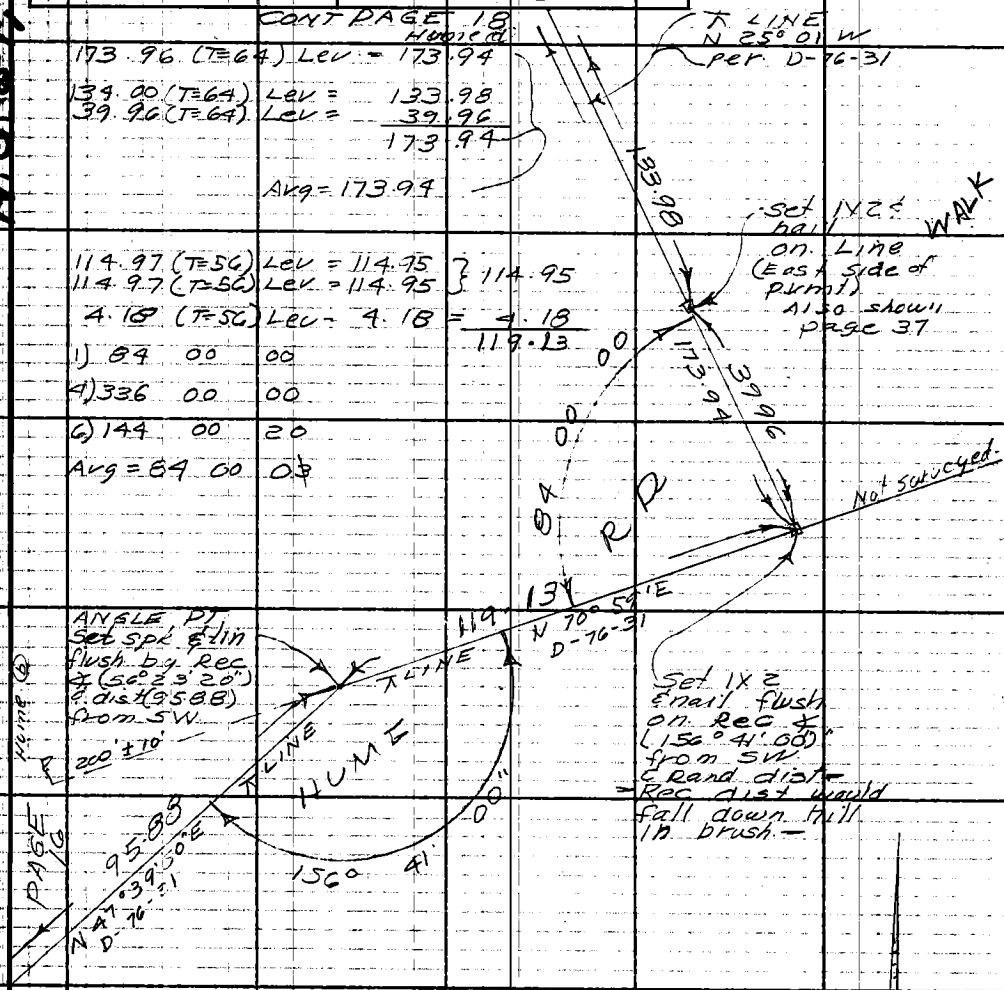
134.00 (T=64) Lev = 133.98
39.96 (T=64) Lev = 39.96
173.94

Avg = 173.94

114.97 (T=56) Lev = 114.95
114.97 (T=56) Lev = 114.95 } 114.95

4.18 (T=56) Lev = 4.18 = 4.18
119.13

1) 84 00 00
4) 336 00 00
6) 144 00 20
Avg = 84 00 03



CONT

1) 23° 19' 00"
4) 93° 15' 50"
6) 139° 53' 40"
Avg = 23° 18' 57
Suppl = 156 41 03

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76F3095 CE # 310 3-61

Hume (d)

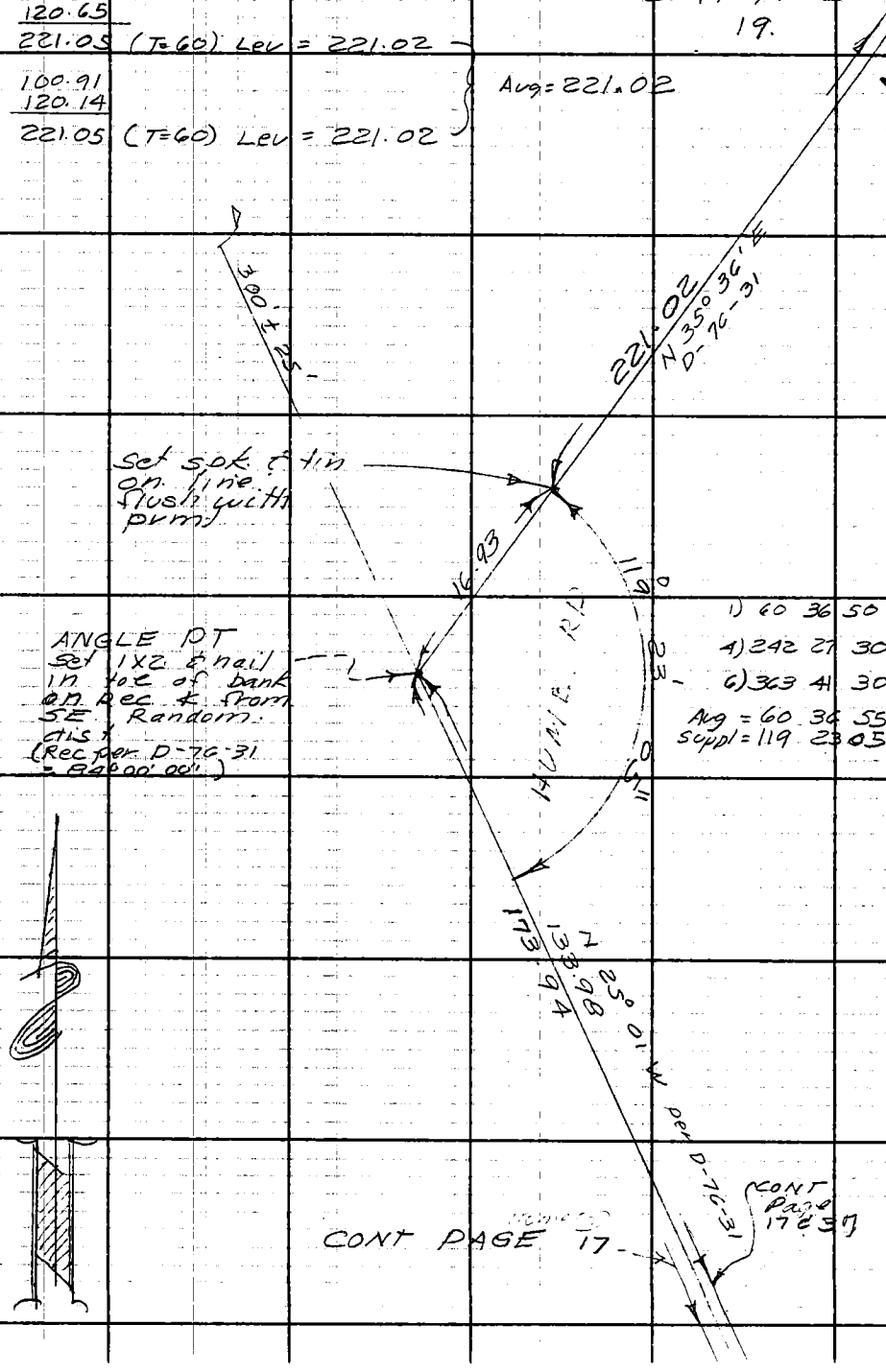
F. B. 3101 Pg. 18

100.40
120.65
221.05 (T=60) Lev = 221.02

100.91
120.14
221.05 (T=60) Lev = 221.02

Avg = 221.02

Hume (c)
CONT PAGE 19.



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Hume (E)

Notes Ck'd by	Survey of 2 IVA LAS FLORES HUME
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Checked	Notes J. H. B. Date Nov 62
Date	Indexed C. J. GALLI

F. B. 3101 PG. 19

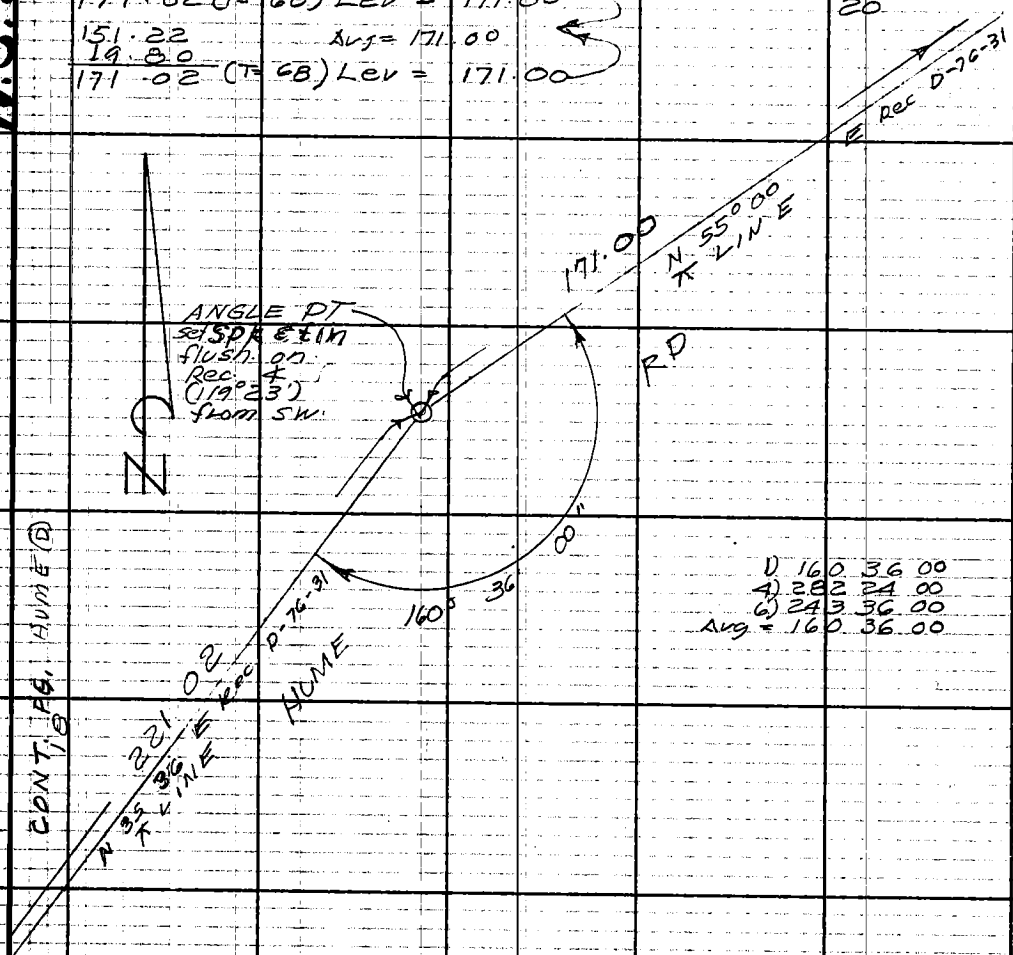
W.S. 89, A-5

150.62
20.40
171.02 (T= 68) Lev = 171.00

151.22
19.80
171.02 (T= 68) Lev = 171.00

Avg = 171.00

CONT. PG. 20 HUME (F)



1) 160 36 00
4) 282 24 00
6) 243 36 00
Avg = 160 36 00

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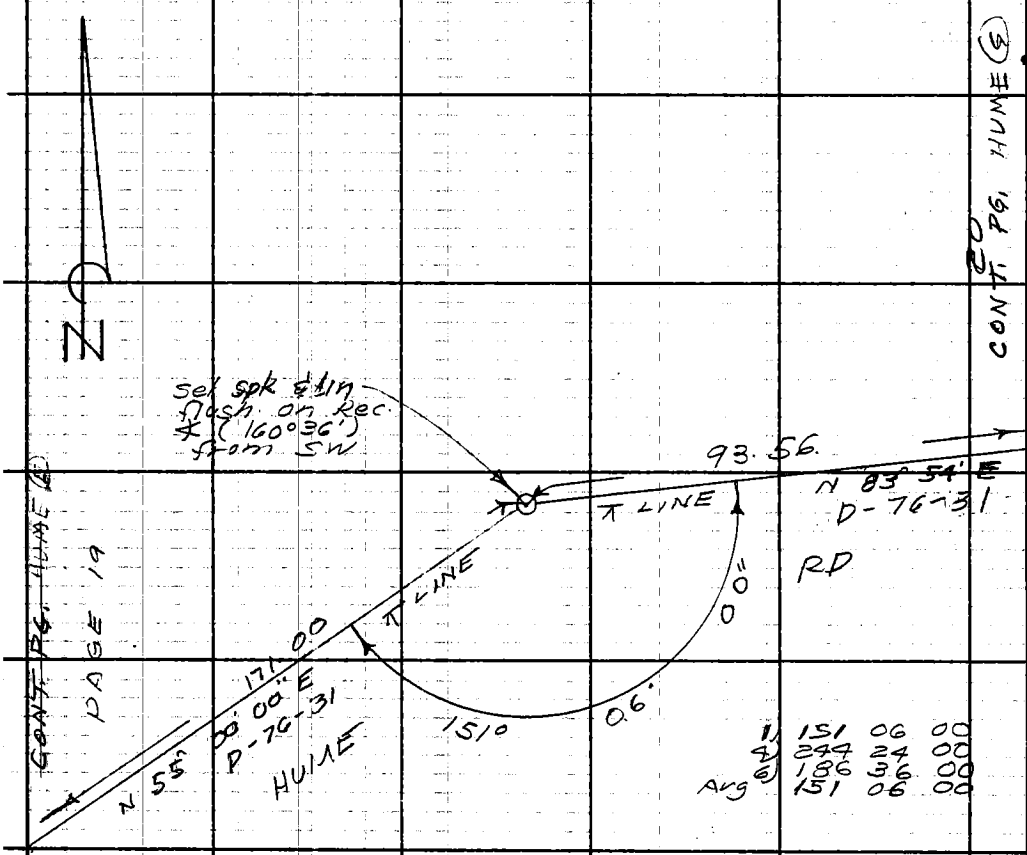
76F309S CE # 310 3-61

Hume (5)

F. B. 3101 Pg. 20

32.67
60.90
93.57 (T-68) Lev = 93.56
Avg = 93.56

32.37
61.20
93.57 (T-68 Lev = 93.56



1) 151 06 00
4) 244 24 00
6) 186 36 00
Avg 151 06 00

CONT. PG. HUME (5)

W.S. 89, B-5

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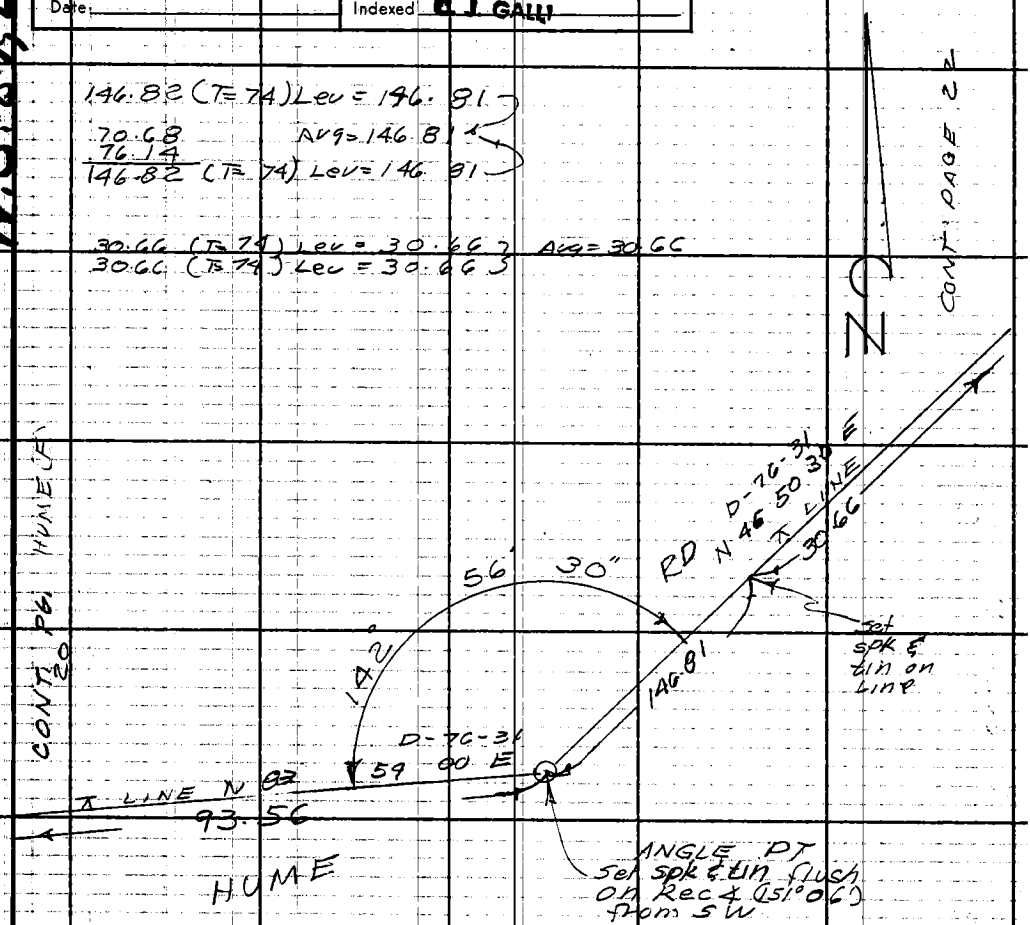
Hume (9)

Notes Ck'd by	Survey of Z IV B LAS FLORES HUME	F. B. 3101 PG. 21
Map No.	JN 030300 Tape 186 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J H B Date Nov 1962	
Date	Indexed E. J. GALLI	

W.S. 89, B-5

146.82 (T=74) Lev = 146.81
70.68 Avg = 146.81
76.14
146.82 (T=74) Lev = 146.81

30.66 (T=74) Lev = 30.66 Avg = 30.66
30.66 (T=74) Lev = 30.66



	°	'	"
1	142	56	30
4	211	46	10
6	137	39	00
Avg =	142	56	30

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76F3098 CE # 310 3-61

Hume (1)

F. B. 3101 PG. 22

CONT. PG. 23

HUME (I)

	°	'	"
1)	152	34	20
4)	250	17	20
6)	195	26	00
Avg =	152	34	20

60.10
108.25
168.35

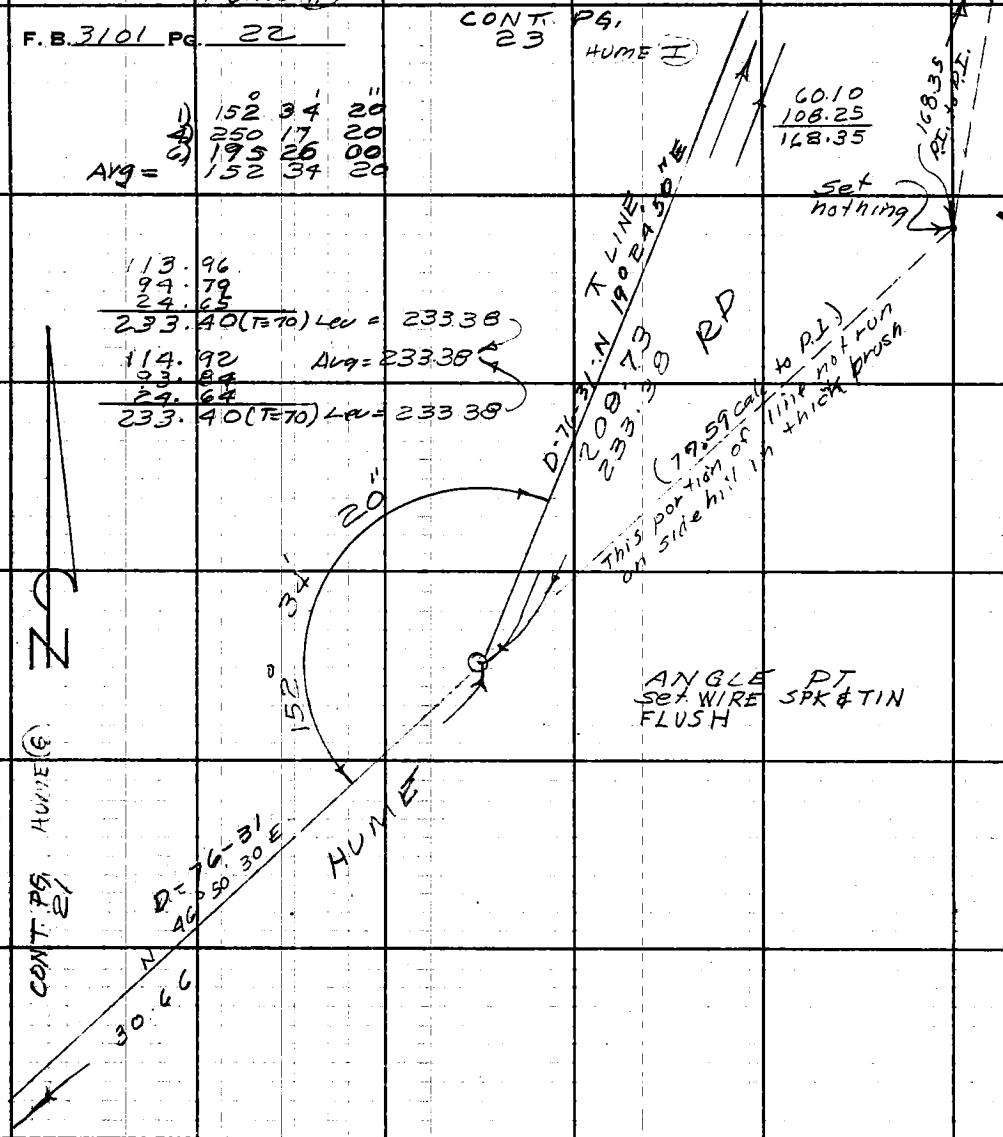
168.35 P.I. to P.I.

Set nothing

113.96
94.79
24.65
233.40 (T=70) Lev = 233.38

114.92
93.84
24.64
233.40 (T=70) Lev = 233.38

Avg = 233.38



CONT. PG. 21 HUME (6)

				N	E
N	46	50	30 E	77.59	53.13	56.60
N	7	09	30 E	168.35	167.04	20.98
					220.17	77.58

$\sqrt{(220.17)^2 + (77.58)^2} = 233.44$

$\frac{77.58}{233.44} = \sin$

W.S. 89, B-5

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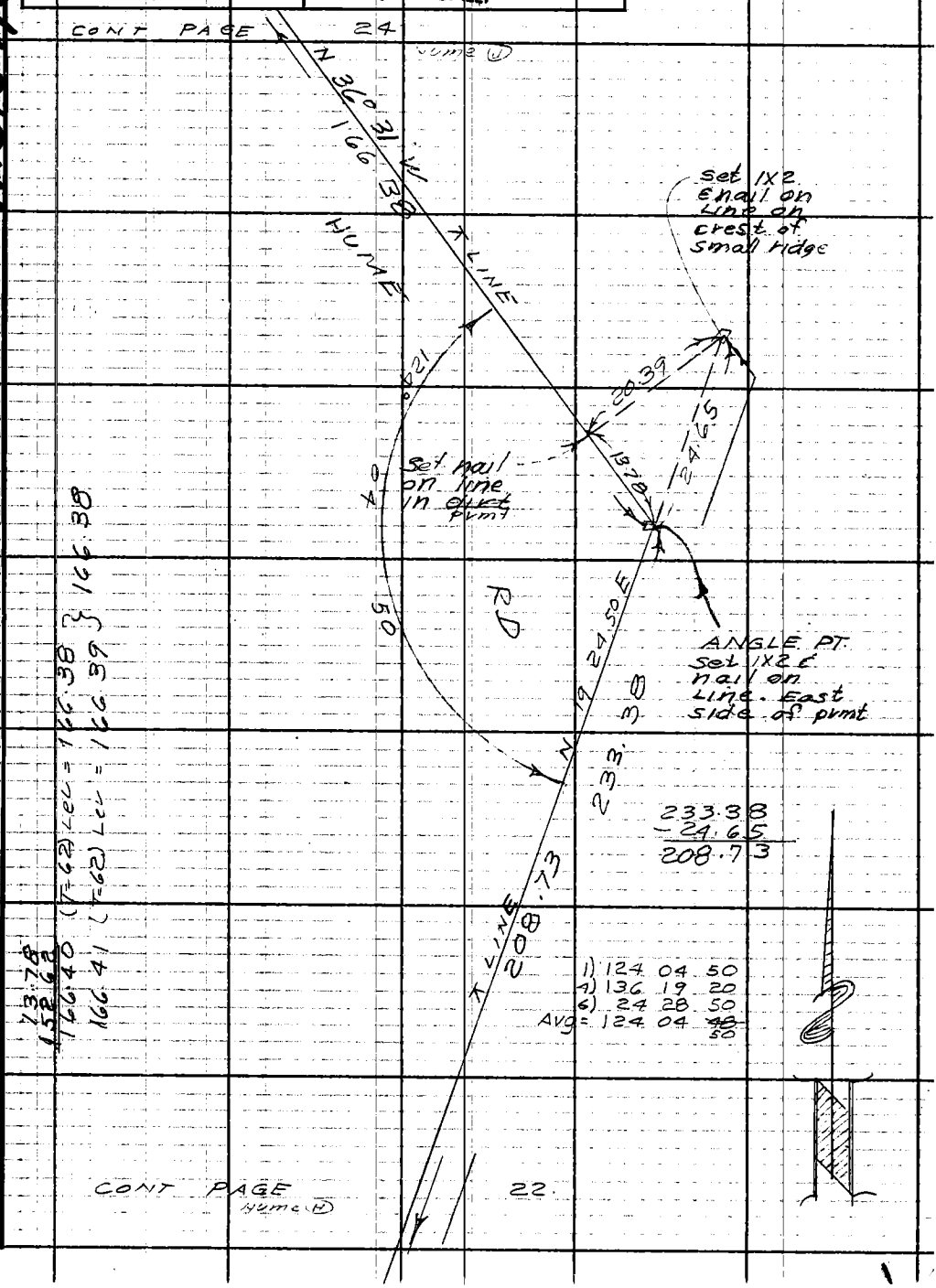
Hume (A)

Notes Ck'd by	Survey of ZIVB LAS FLORES HUME	F. B. 3101 PG. 23
Map No.	JN 0303.00 Tape 186 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B Date Nov 1962	
Date	Indexed B. J. GALLI	

W.S. 89, B-5



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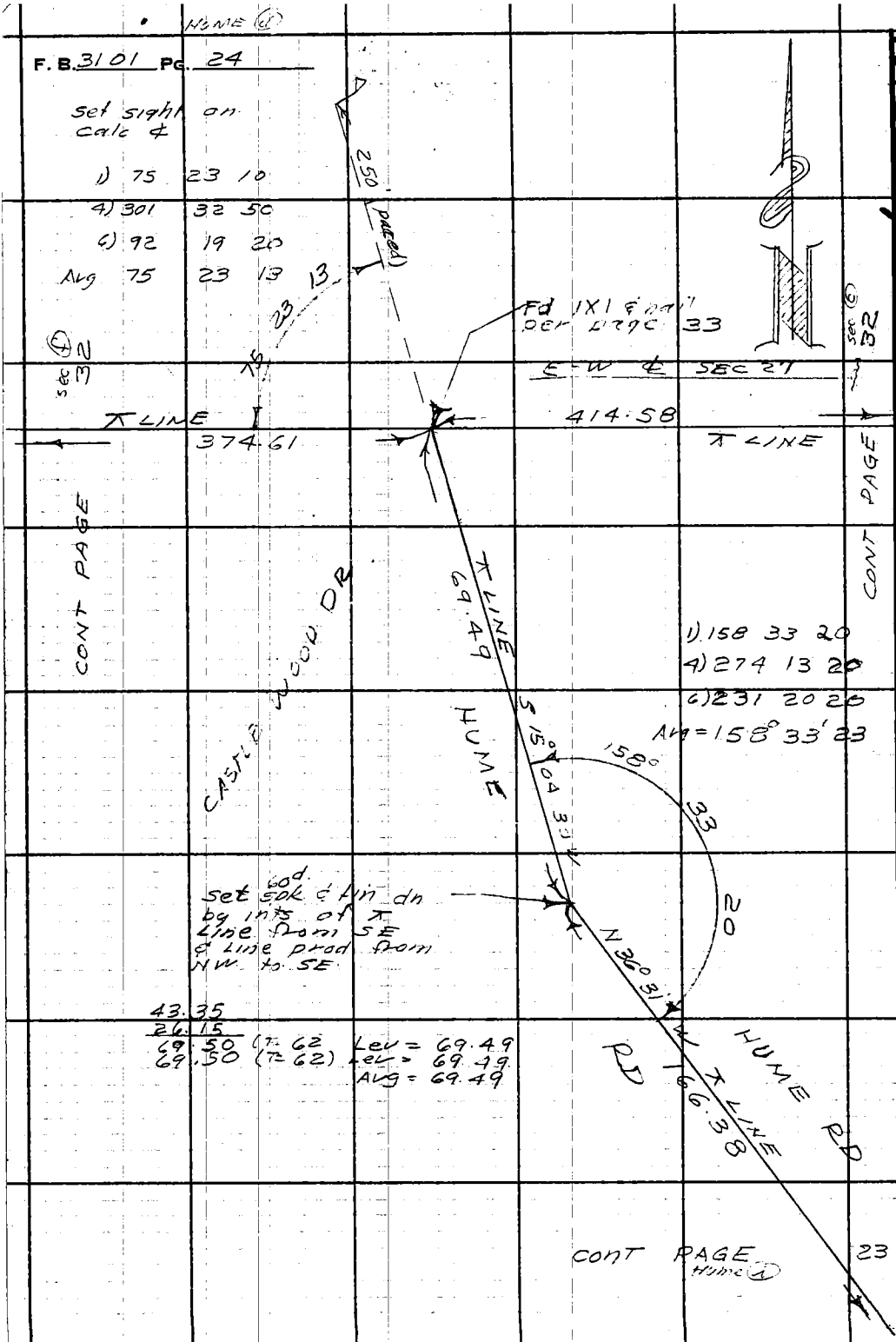
76F3095 CE # 310 3-61

HUME (1)

F. B. 3101 PG. 24

set sight on calc ℄

1) 75 23 10
4) 301 32 50
6) 92 19 20
Avg 75 23 13



1) 158 33 20
4) 274 13 20
6) 231 20 20
Avg = 158° 33' 23

set 60d. spk & tin dn by ints of ⊼ line from SE & line prod from NW to SE

43.35
26.15
69.50 (T-62) Lev = 69.49
69.50 (T-62) Lev = 69.49
Avg = 69.49

CONT PAGE
Hume (1)

23

W.S. 89, B-5

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Notes Ck'd by:
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Office Work
Checked
Date

Survey of SECTION LINE
JN 03020 Tape 186 Std. 64 °F
Surveyed by W. H. Brown
Notes W. H. B. Date Dec 1962
Indexed C. J. GALLI DEC 3 1962

F. B. 3101 Pg. 25

SECTION LINES

from The EAST ¼ COR.
West to CENTER SECTION 27
T 1 S R 17 W.

except portion shown pages 9-10 F.N.

J. N. 0302.01

Dec 1962

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Party

J. H. Brown
T. C. Peterson
A Cano
R. C Clifford
S. T. Yamamoto

7GF3095 CE # 310 3-61

Sec (9)

F. B. 3101 PG. 27

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

Survey of
JN0302.01 Tape 100 Std 84 °F
Surveyed by J. H. Brown
Notes J. H. B Date 12-62
Indexed B. J. GALLI

52.22 (T=70) Lev = 52.22
52.22 (T=70) Lev = 52.22 } 52.22

N ½ SEC 27 T 1 S R 17 W

℄ LINE

170.56 — 80.07 — 197.24 — 57.82 (calc) — 92.82 — 52.19

Fd nothing
Set spk & tin Dn. 6 on ℄ LINE

Set 1X2 & nail on ℄ LINE
Fd nothing

CONT PAGE 11

197.25 (T=80) Lev = 197.24
197.25 (T=80) Lev = 197.24 } 197.24

52.20 (T=56) Lev = 52.19
52.20 (T=56) Lev = 52.19 } 52.19

9.37
70.70
80.07 (T=80) Lev = 80.07

25.32
54.75
80.07 (T=80) Lev = 80.07 } 80.07

88.90 (T=80) @ 9° 00 = 87.81
88.65 (T=80) @ 7° 58 = 87.79 } 87.80

85.52 (T=78) @ 14 37 30 = 82.76 } 82.76
85.15 (T=78) @ 13 35 00 = 82.77

170.56

S ½ SEC 27 T 1 S R 17 W.

CONT PAGE

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76F309S CE # 310 3-61

X

sec (h)

F.B. 3101 PG. 28

248.23 (T=58) @ 11° 02' 40" = 243.59 } 243.60
248.09 (T=58) @ 10° 52' 00" = 243.60

37.35 (T=66) @ 20° 26' 00" = 35.00 } 35.00
36.68 (T=66) @ 17° 26' 10" = 35.00

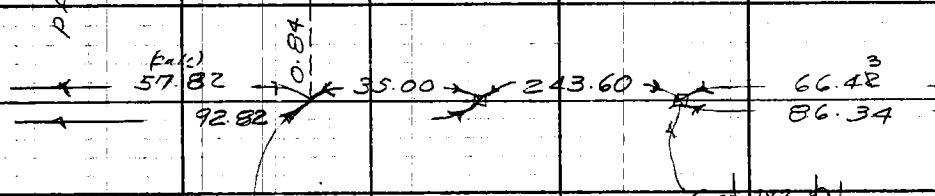
78.19
14.64
92.83 (T=68) Lev = 92.82 } 92.82
92.84 (T=68) Lev = 92.83

92.82
-35.00
57.82

PAGE 27

Fd. spk c'tin - in pumt
castle wood OK.
No. ref.

0.84



(calc) 57.82 — 35.00 — 243.60 — 66.42 3
92.82 — 86.34

Set 1X2 & N on Line

set nail on line

CONT

29 sec (g)

CONT PAGE

Note
Rd. Dept. Per F.X. 434-2 Call
NW. Cor Tr 9705 & NE Cor Lot
78 same Tr. as 2" I.P.'s seperated
by a dist of 903.20 J.H. Brown
Fd. both of these I.P.'s to be 1½" (I.D.)
Seperated by a dist of 903.01
I therefore believe these are the
same I.P.'s as Fd. in Rd Dept FX 434-2
No other I.P.'s were recovered.

J.N. Dougherty
Field Engineer.

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

Survey of
JN 0302.01 Tape 186 Std 84 °F
Surveyed by J H Brown
Notes J. N. B. Date 12-62
Indexed E. J. GALLI

F. B. 3101 PG. 29

sec (e)

161.55 (T=58) @ 11°48'40" = 158.39 } 158.41
161.67 (T=58) @ 11 26 20 = 158.43 }

Note
I believe this I.P. is the same one found by Rd Dept Der Fx-434-2 & Called N.E. Cor. Lot 78 Dougherty

Fd 1½" I P dirt plug up 6". used Middle on line (set nail)

Set 1X2 & punch mark up 6" by water pipe off ⊼ Line 1.00 @ 90°

Fd 1½" I.P wood plug & nail up 4" No Ref.

120.27
1' offset from ⊼ LINE

1.00
90°

66.43
86.34
19.91
158.41
⊼ LINE

Set 1X2 & nail flush on line

19.91 (T=58) Lev = 19.91
66.43 (T=58) Lev = 66.42
86.33 } 86.34
86.35 (T=58) Lev = 86.34 }

CONT PAGE 28 sec (h)

CONT PAGE 30 sec (f)

N

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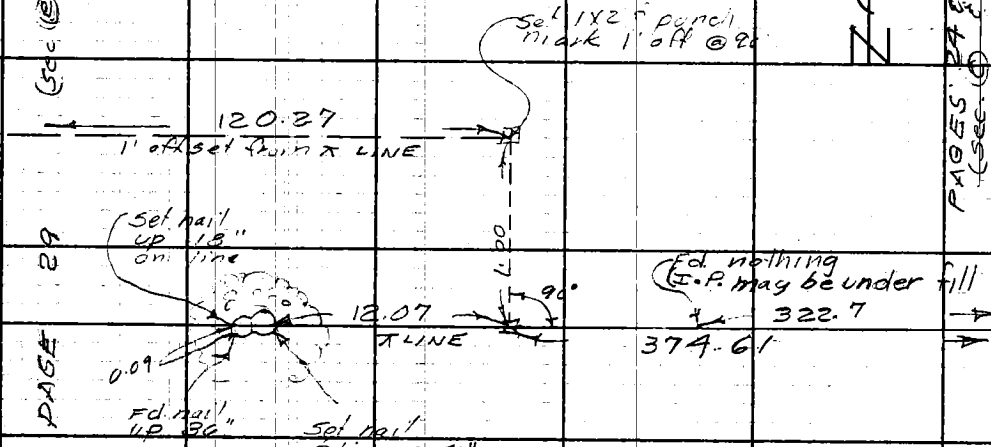
7 of 3095 CE # 310 8-61

sec (f)

F. B. 3101 Pg. 30

528.4 @ 32°15' = 278.11
44.69
322.70

127.65 (T=58) @ 19°31'20" = 120.29
128.11 (T=58) @ 20°08'40" = 120.25 } 120.27



CONT PAGE 29 (sec (e))

PAGES 24 & 31 (sec (e) & HUME)

CONT

13.18 (T/50) @ 23°39'40 = 12.07

296.63 (T=60) @ 20°18'40" = 278.14
~~297.41 (T=60) @ 20 45 40 = 278.03~~ } Avg = 278.12
296.99 (T=60) @ 20 31 00 = 278.11

80.00 (T=60) @ 31 42 20 = 68.05
81.18 (T=60) @ 33 02 20 = 68.04 } Avg = 68.04

33.38 (T=60) @ 31°32'00" = 28.44
32.57 (T=60) @ 29°05'00" = 28.45 } Avg = 28.45

374.61

X

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Sec. E

Notes Ck'd by	Survey of ZIVB LAS FLORES HUME
Map No.	JN 0302-01 Tape 186 Std 84 °F
Office Work	Surveyed by J. H. Brown
Checked	Notes J. H. B. Date 12-62
Date	Indexed E. J. GALLI

F. B. 3101 PG. 31

W.S. 89, B-5

NE ¼ SEC 27 Calc from C.S.B 128-3.

1) 105 01 10
4) 60 04 50
6) 270 07 00
Avg 105 01 10

	°	'	"	
S	88	13	40	W
S	0	11	15	W
	88	01	55	
	1	58	05	
	90	00	00	

Fd nothing on this line per FB 340 - pgs 91 & 85 FB 373-100 (Rd has been improved since 1928.)

Set spk & tin @ 90° from E line SE ¼ Sec 27 & dist 415.80 from ¼ COR.

Set nothing

Transit line for tying on line of I.P.s running W'ly from E ¼ COR SEC 27

Set 1X1 & nail & tin by ints. on 1" in pvmt see page 24

Set nothing

Set spk & tin flush by calc angle 105°01'05" & dist 14.75 from spk & tin to N.W. Removed 12-5-62 JHB

412.17 x cos 1°58'05" = 411.93

412.17 x sin 1°58'05" = 14.15

14.15 / cos 15°01'05" = 14.65

14.65 x sin 15°01'05" = 3.80

411.93 + 3.83 = 415.76

105° 01' 10"

415.76

375.25

TLINE (N 89°48'15" W)

TLINE set @ 90° to line of Monuments found. E line SE ¼ Sec 27.

4.74

1.18

374.61

414.58 calc.

14.15 calc

14.65

9.91

1° 58' 05" calc

CONT PAGE 30 (Sec F)

CONT PAGE 32 (SEC D)

N

3.80 calc

412.17 (Tie line per C.S.B 128-3 see note lower Rt. of deed map (W.O. 7578 sheet 2) Nov. 1936. which show equation for bearings of line common to TR 10570, & C.S.B.-128 & Deed map.

NEAR INTERSECTION HUME RD & CASTLEWOOD DR

SE ¼ SEC 27 T1S R17W

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76F3095 CE # 310 3-61

Sec. (C)

F. B. 3101 Pg. 32

45.76 (T=68) @ 27° 47' 10" = 40.50 } 40.51
45.08 (T=68) @ 26° 00' 10" = 40.52 }

375.25
40.51
415.76
- 1.18
414.58

1) 180 00 00
A) 0 00 00
C) 0 00 00
Avg - 180 00 00

31 (Sec C)

415.76
375.25

180° 00 00

40.51

34 (Sec B)

℄ LINE LN 89° 48' 15" W

Set pencil mark on rock by dead end wiggle from sight west E ¼ cor. pg 36

set nothing

0.47
0.20

Fd 1½" I P., charred wood plug, chain in mound of rock. no ref

BASE

℄ LINE

414.58 Calc.
412.17 rec.
tie line per C.S.B-128-3
88° 13' 40" rec.

BASE CONT

CONT

298.63 (T=68) @ 14° 04' 00" = 289.65 } 289.64
298.99 (T=68) @ 14° 21' 30" = 289.62 }

82.69 (T=66) @ 23° 50' 50" = 75.62 } 75.63
82.14 (T=66) @ 22° 56' 00" = 75.64 }

9.93 (T=66) Ler = 9.98 } 9.98
9.98 (T=66) Ler = 9.98 }

375.25

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W.S. 89B-5

Notes Ck'd by	Survey of 2 IVB LAS HUME FLORES
Map No.	JN 030201 Tape 186 Std 84 °F
Office Work	Surveyed by J. H. Brown
Checked	Notes J. H. B Date
Date	Indexed J. GALLI

sec @

F. B. 3101 PG. 33

Set sight North side of Hume RO. 1700 ± North by Double center from South to North.

Cont page (sec (b) 34

50.12 (T=66) Lev = 50.11 } 50.11
50.12 (T=66) Lev = 50.11 }

50.11

Fd. 1½" I.P. charred wood plug & nail flush. (0.7 higher elev than 1" I.P. south.

0.44

set nothing.

0.06

N

Fd 1" I.P. & Co. ENGR tag. Flush on line between ¼ COR NORTH & closing corner. South. No Ref.

00

00

180

1) 180 00 00
4) 0 00 00
6) 0 00 00
Avg = 180 00 00

LINE

SE ¼ SEC 27

T 1S R 17W

SW ¼ SEC 26

To sight on CLOSING CORNER per FB 340-94

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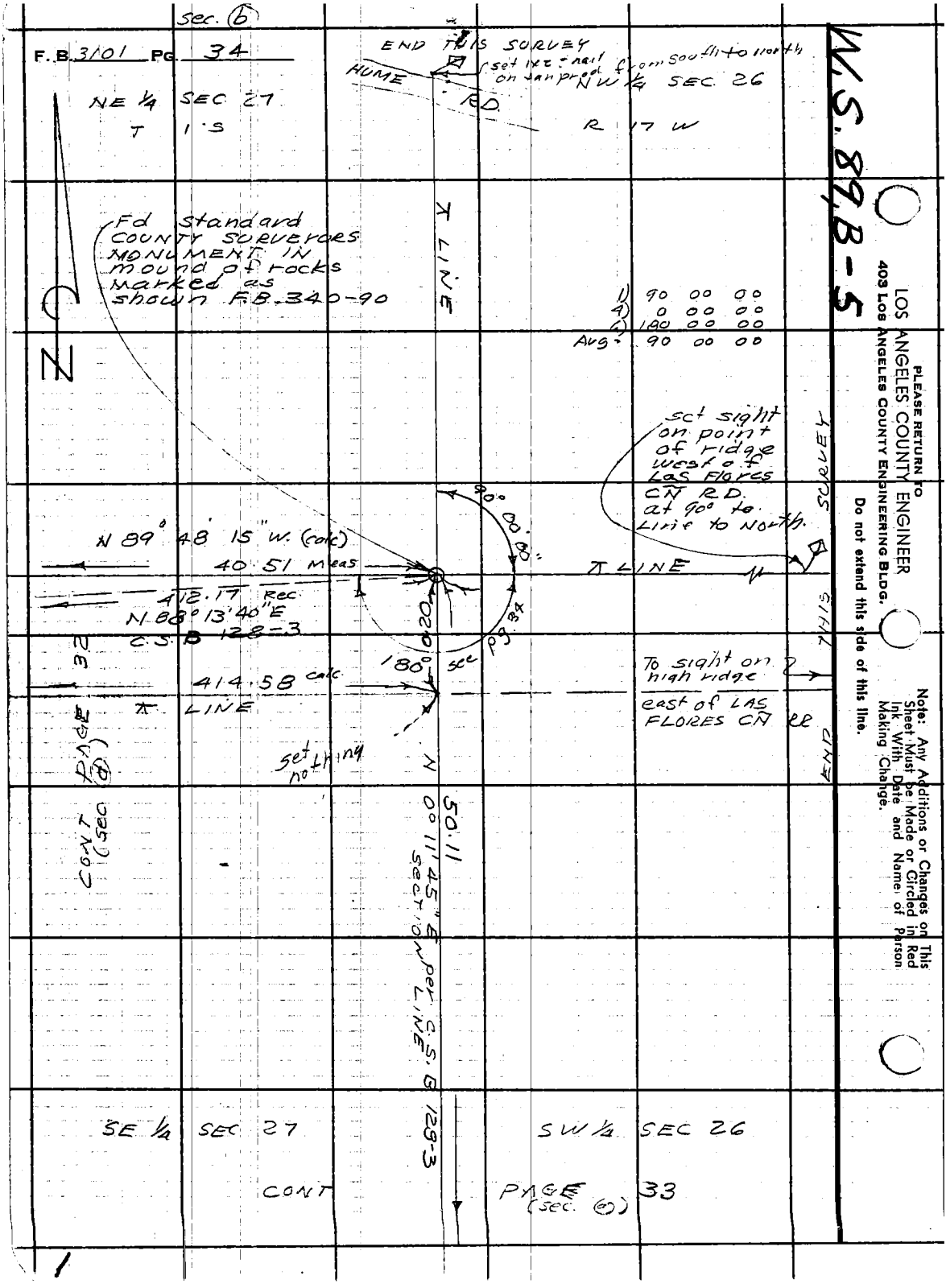
76F309S CE # 310 B-61



Sec. (b)
F.B. 3101 PG. 34
END THIS SURVEY
set 1x2 = nail on tan prod from south to north
HUME RD.
NW 1/4 SEC. 26
NE 1/4 SEC 27
T 1 S
R 17 W
W.S. 89, B-5
Fd standard COUNTY SURVEYORS MONUMENT IN mound of rocks marked as shown F.B. 340-90
T LINE
1) 90 00 00
4) 0 00 00
6) 180 00 00
Avg. 90 00 00
N
set sight on point of ridge west of Las Flores CN RD. at 90° to Line to North.
SURVEY
90° 00' 00"
N 89° 48' 15" W. (calc)
40.51 Meas
T LINE
412.17 Rec
N 88° 13' 40" E
C.S.B 128-3
0.20
pg. 34
180° sec
32
414.58 calc
T LINE
To sight on high ridge
east of LAS FLORES CN RR
END THIS
set nothing
CONT PAGE (sec (d))
N 0° 11' 45" E per C.S.B 128-3
50.11
SECTION LINE
SE 1/4 SEC 27
SW 1/4 SEC 26
CONT PAGE 33 (sec. (a))
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Office Work
Checked
Date

Survey of 2 NVR LAS FLORES
JN 2215.14 Tape 186 Std HUME 84 °F
Surveyed by J. H. Brown
Notes J. H. B. Date
Indexed C. J. GALLI DEC 18 62

F. B. 3101 Pg. 35

PIPE LINE EASEMENT
from
Hume Rd. to Las Flores Cañon Rd.

J.N. 2215.14

Dec. 1962

Party:
J. H. Brown
T. C. Peterson
A. Caro
R. C. Clifford
S. T. Yamamoto

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CE # 310 8-61

W.S. 89, A-5

Notes Ck'd by	Survey of 2 IV B LAS FLORES HUME
Map No.	JN 030300 Tape 186 Std 84 °F
Office Work	Surveyed by J. H. Brown
Checked	Notes J. H. B Date Dec 1962
Date	Indexed C. J. GALLI

F. B. 3101 PG. 37

123.17 (T=80) @ 31°35'00" = 104.93
122.52 (T=80) @ 31°05'00" = 104.93
Avg = 104.93

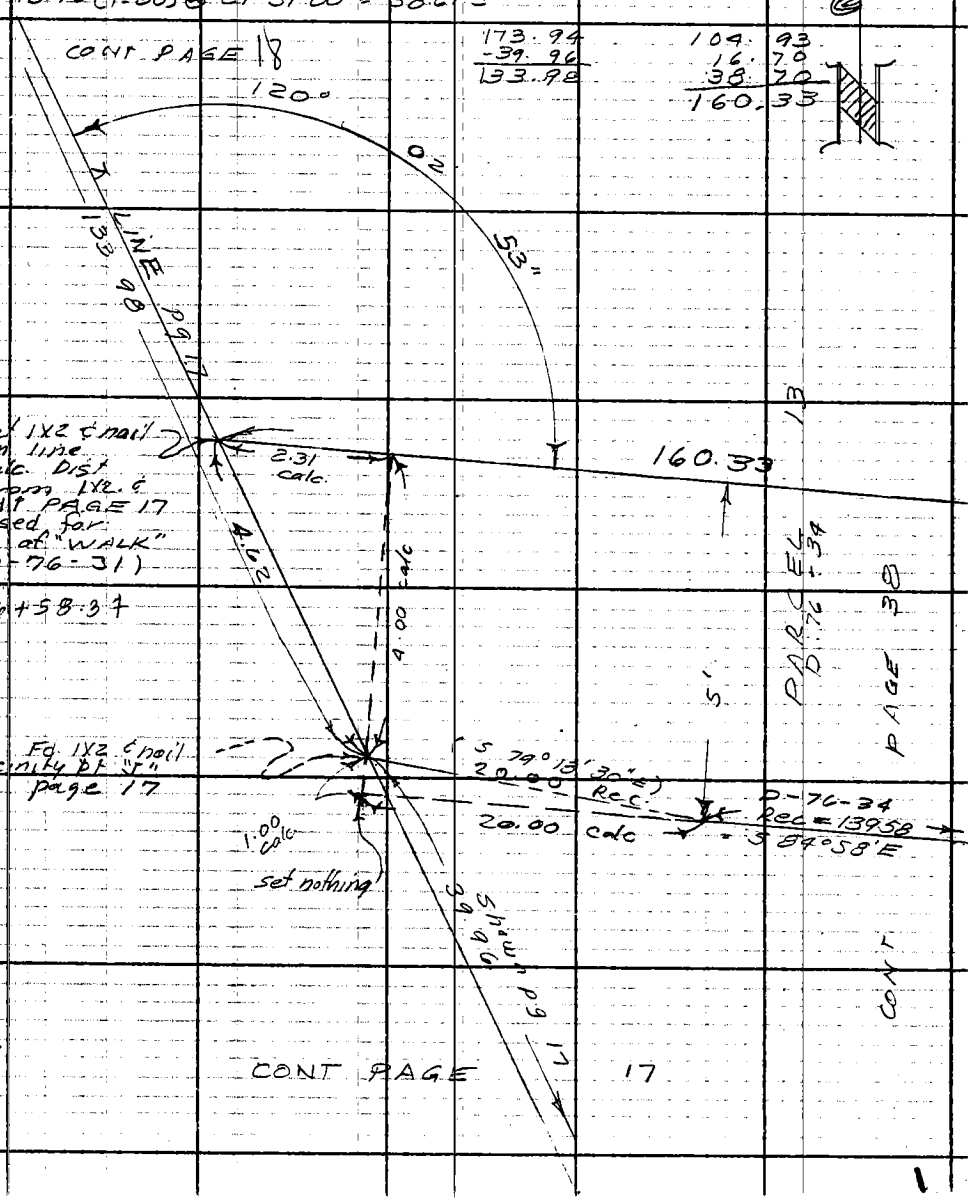
16.70 (T=80) Lev = 16.70
16.70 (T=80) Lev = 16.70 } 16.70

44.57 (T=80) @ 29°44'00" = 38.70
43.76 (T=80) @ 27°51'00" = 38.69 } 38.70

	°	'	"
1)	120	03	00
4)	120	11	30
c)	360	17	20
Avg =	120	02	53

173.94
-39.96
133.98

104.93
16.70
38.70
160.33



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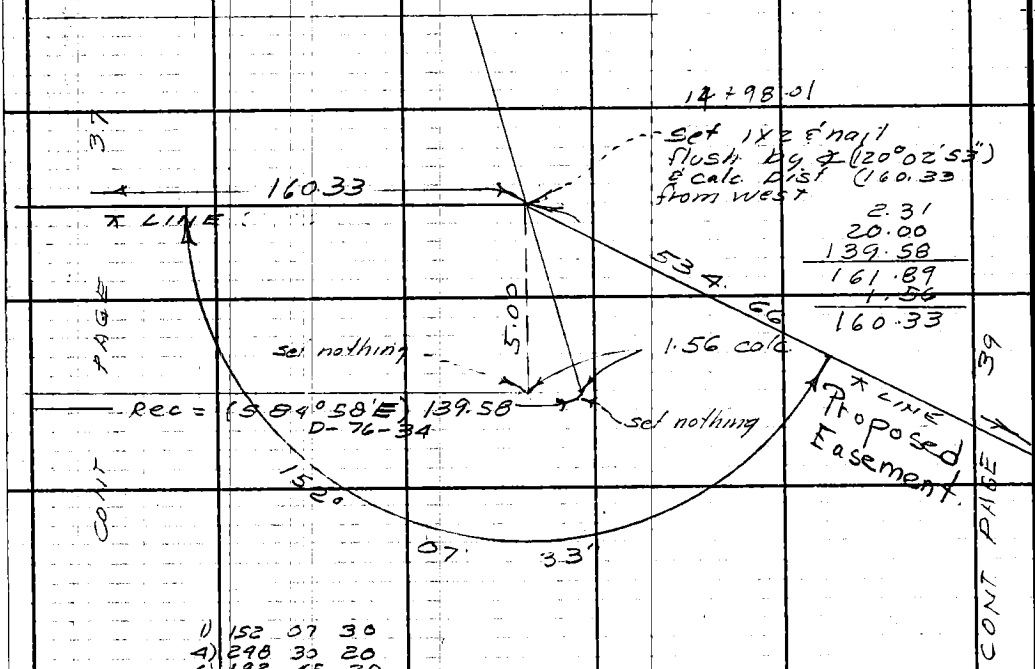
76F3095 CE # 310 3-61

F. B. 3101 PG. 38



1) 152 07 30
4) 298 30 20
6) 192 45 20
Avg 152 07 33⅓

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X

W.S. 89.4-5

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

Survey of ZIVB LAS FLORES HUME
JN 2215.14 Tape RC Std 84 °F
Surveyed by J. H. BROWN
Notes J. H. B Date 12-62
Indexed
C. J. GALLI

F. B. 3101 Pg. 39

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PAGE 38

96.17 (T=64)	@ 16° 20 00"	= 92.28	92.28
96.43 (T=64)	@ 16° 52 00	= 92.27	
79.51 (T=64)	@ 11° 28' 00"	= 77.91	77.91
79.69 (T=64)	@ 12° 06 00"	= 77.91	
36.73 (T=66)	Lev	= 36.73	36.73
36.73 (T=66)	Lev	= 36.73	
283.68 (T=66)	@ 16°50'00"	= 271.50	271.52
284.35 (T=66)	@ 17°15'00"	= 271.53	
61.81 (T=66)	@ 24 34 00	= 56.21	56.22
61.34 (T=66)	@ 23 33 00	= 56.22	
			534.66
		D	180 00 00
		A)	0 00 00
		C)	0 00 00
		AVG =	180 00 00

CONT

1) 44 52 00
A) 179 28 00
C) 269 11 50
AVG 44 51 58

S 44° 51' 58" W 1000 ± 100 ft

ANGLE PT
Set 1" I.P. &
L.A. CO. ENGR
tag flush.
on line prod.
from NE to SW.
9763.36

Fd 1" I.P. & CO. ENGR
tag set by L.L. Brown
used to prod. line
ahead to sight
about 1000' ± 100' E. 1/4
F.B. 3101 - 50
5 x 74.97

88.39

60.57

180 00 00

CONT PAGE 5

Set sight 91 feet East of East curb line Sand Road

90.71 (T=60) @ 12° 57' 00" = 88.39
91.01 (T=60) @ 13° 45' 00" = 88.39 } 88.39

FORM LE P 310 2-61

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

Survey of PUMPING STATION SITE
JN 5294.01 Tape 115 Std 8° 4 °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 11-21-62
Indexed C. J. GALL DEC 1 8 '62

F. B. 3101 Pg. 41

LAS FLORES CN.
PUMPING STATION SITE
WATER WORKS DIST. NO. 29
J.N. 5294.01

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403 Los Angeles County Engineering Bldg.

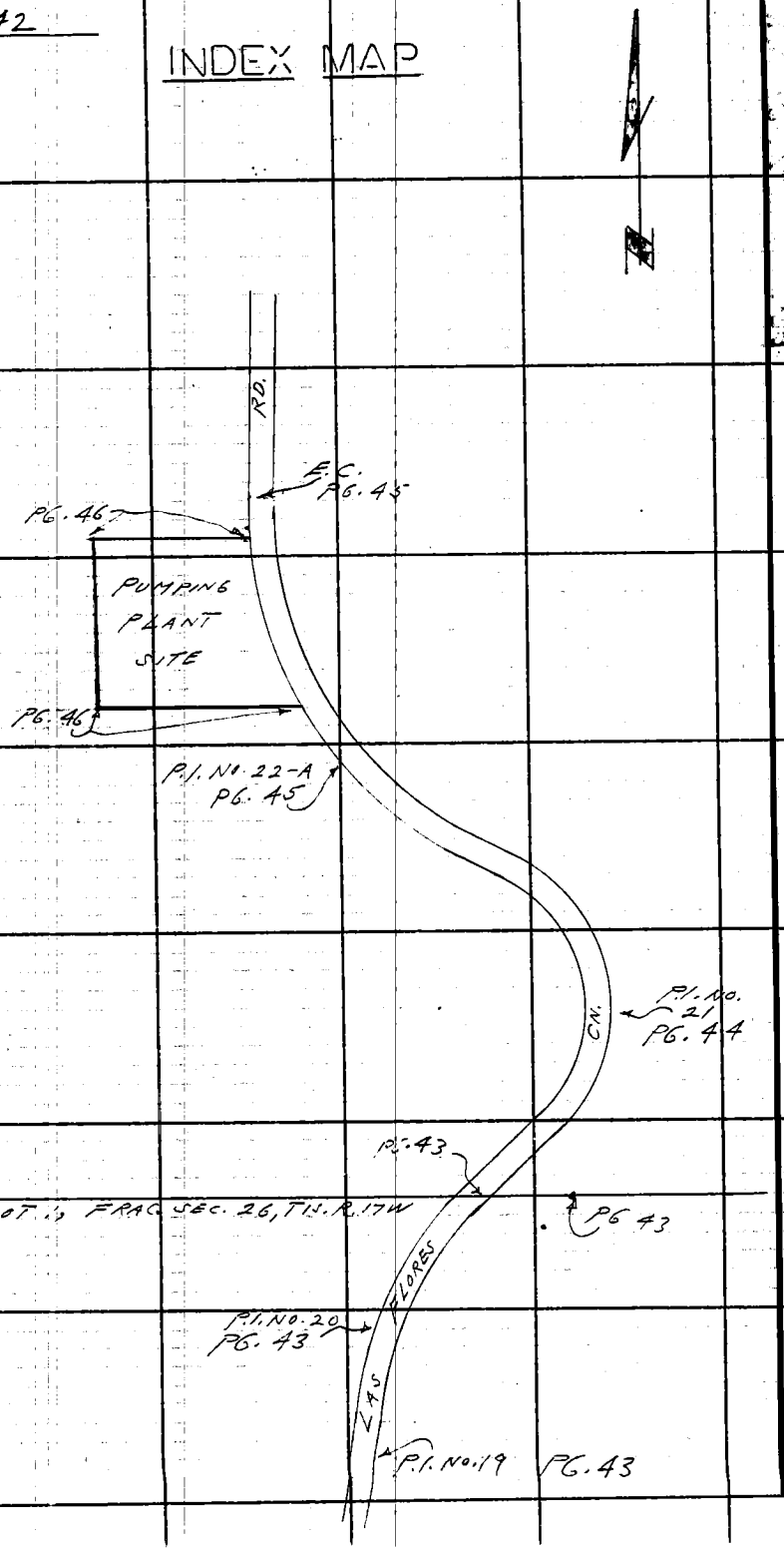
PARTY
BROWN, L.L.
HARRINGTON, P.
SANDOVAL, M.
NEVAREZ, M.

REF.
C.S. 8617

7GF309S CE # 310 8-61

F. B. 3101 PG. 42

INDEX MAP



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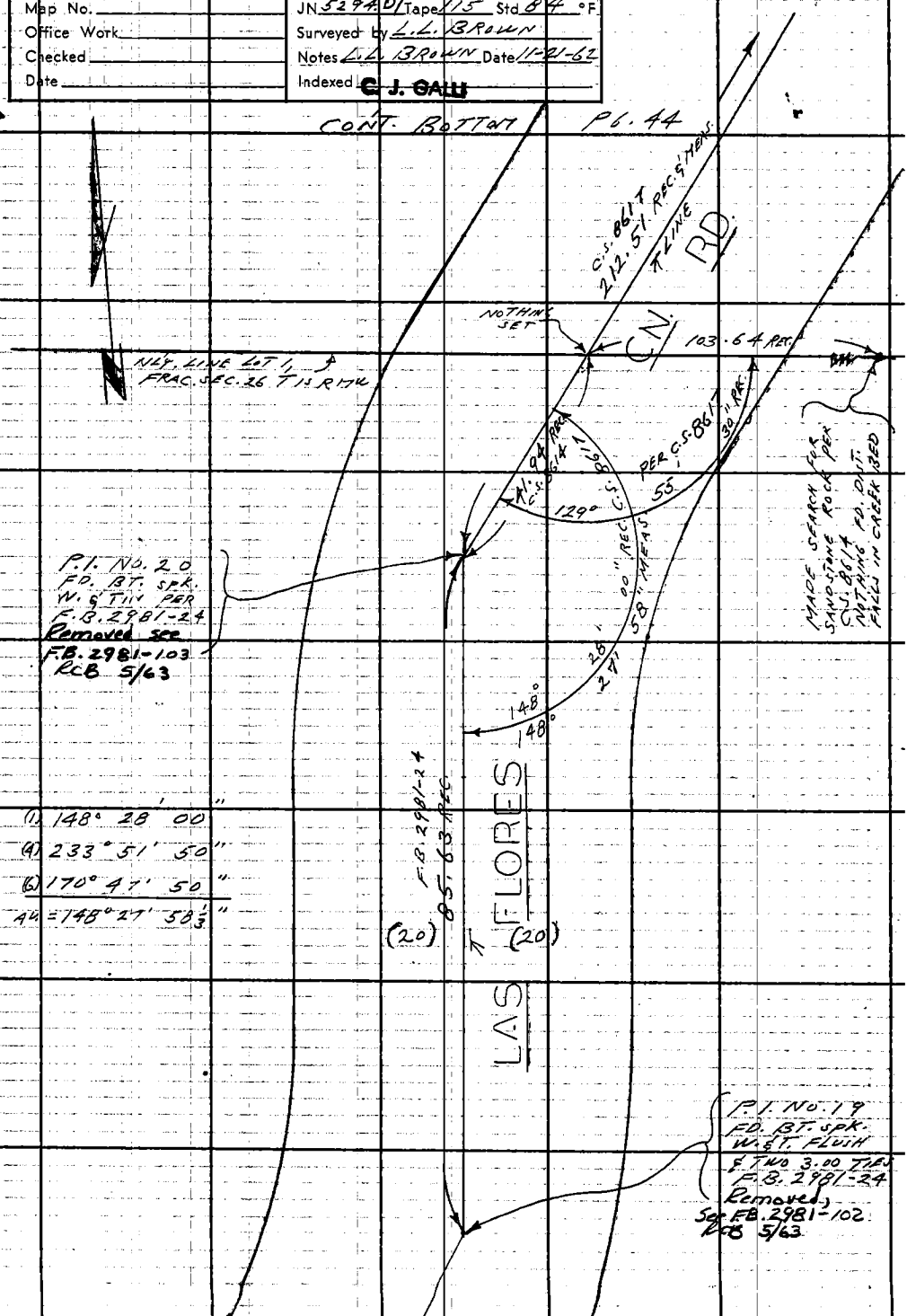
W.S. 89, B-5

Notes Ck'd by	Survey of PUMPING STATION SITE
Map No.	JN 5294.01 Tape 115 Std 84 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-21-62
Date	Indexed C. J. GALLI

F. B. 3101 PG. 43



(1) 148° 28' 00"
(4) 233° 51' 50"
(6) 170° 47' 50"
AV. = 148° 27' 58⅓"

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76F309S CE # 310 3-61

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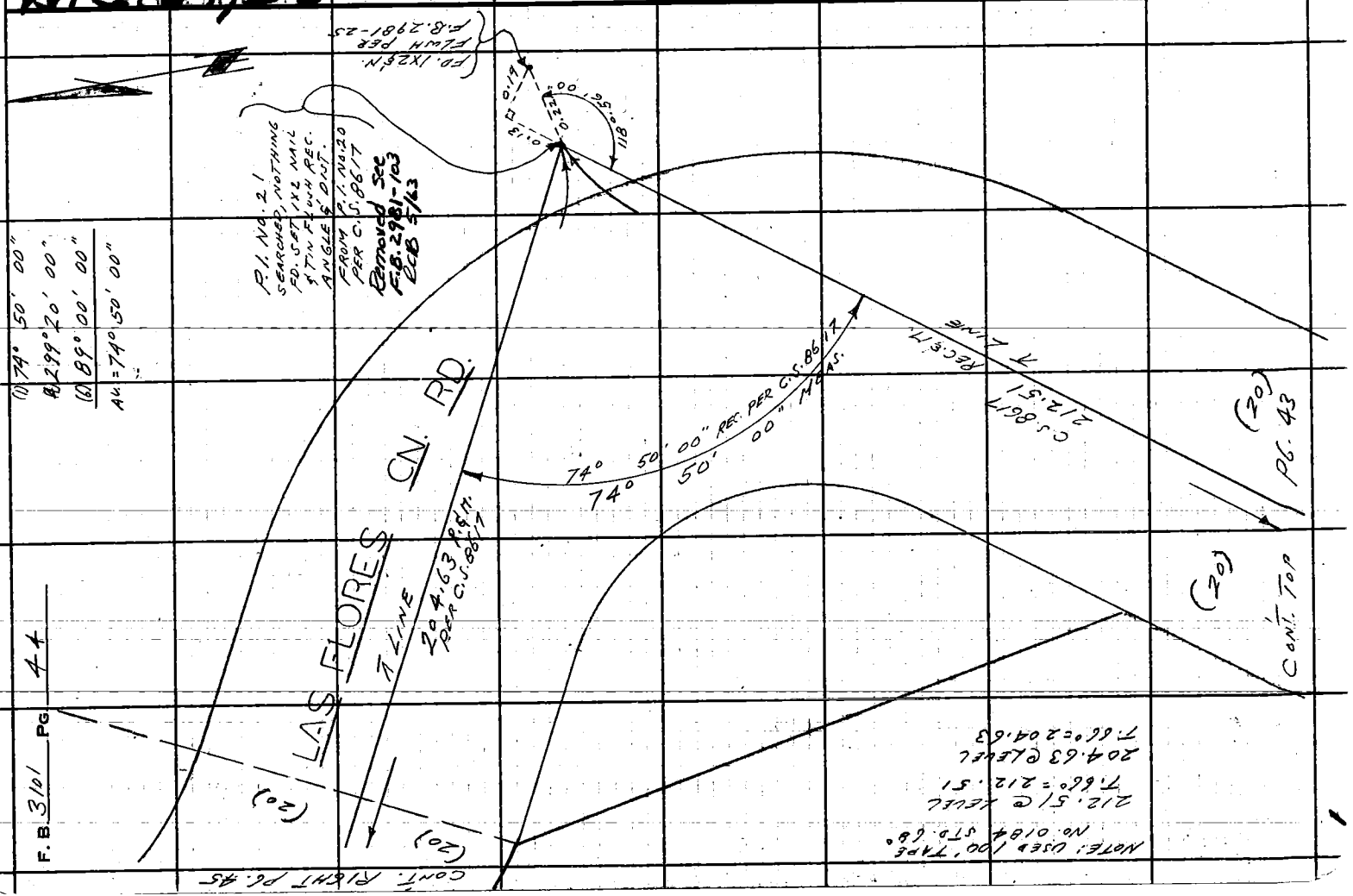
W.S. 89, B-5

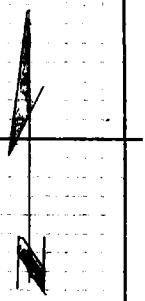


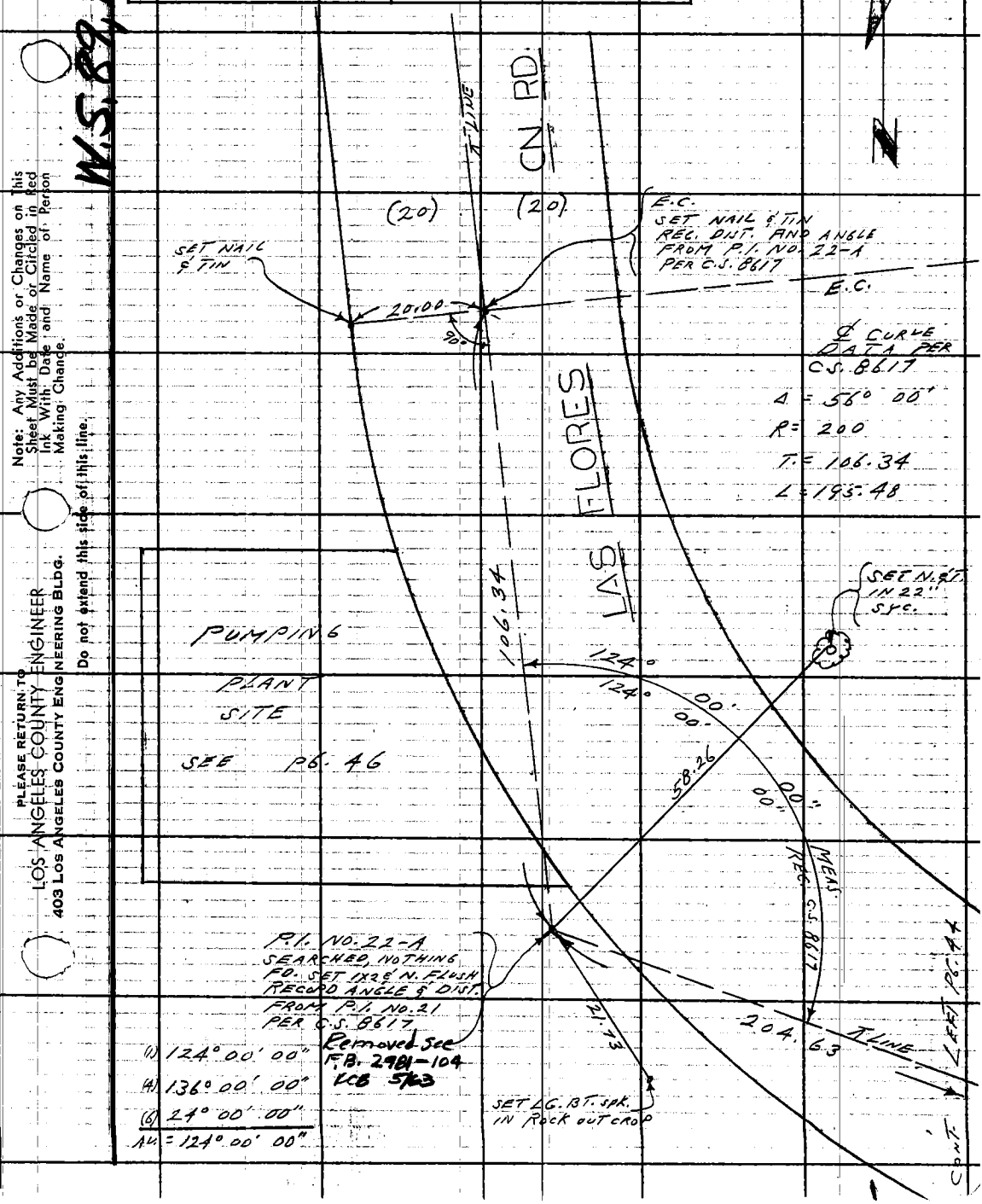
W.S.89B-5

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

Survey of PUMPING STATION SITE
JN 529401 Tape 115 Std 84 °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 11-23-62
Indexed C. J. GALLI

F. B. 3101 Pg. 45





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76F309S CE # 310 3-61

F. B. 3101 PG 46

(1) 172° 36' 20"
(4) 330° 25' 00"
(6) 315° 37' 30"
Adj. = 172° 36' 15"

NOTE: LOT STAKED OUT BY RUNNING G.Y RECORD ANGLES & DISTANCES ALONG LAS FLORES CN. RD. PER C.S. 861 7 TO ESTABLISH P.I.S THE BEARING SHOWN ON THIS PAGE IS PER C.S. 861 7

BEARING PER C.S. 861 7 "N 9° 0' 00" W"

(20) (20)

LAS FLORES CN. RD.

E.C. FD. N.&T.TN PG. 45

E.C. FD. NAIL & TIN PG. 45

166°

172° 36' 15"

33' AT LINE

20.00

15" CMC.

47" H.

(1) 106 41 50
(4) 66°47' 20"
(6) 280° 11' 00"
Adj. = 106° 41' 50"

NOTE: USED 100' TAPE STD. 68° DISTANCE SHOWN ON THIS PG. MEAS. AT T. 66°

SET 1X2 6' N. FLUSH PER PLAN

SET 1X2 6' N. FLUSH

WEST 40.00

(1) 166° 33' 50"
(4) 306° 15' 10"
(6) 279° 22' 40"
Adj. = 166° 33' 46⅔"

90° 00' 00"

106.00

120° 09' 30"

41' 47.00"

102.34

46.35

50.00

(1) 90° 00' 00"
(2) 180° 00' 00"
Adj. = 90° 00' 00"

SOUTH 40.00

PUMPING PLANT SITE

S 16° 41' 47" E

50° 20"

SET 1X2 N.&T. FLUSH

(1) 90° 00' 00"
(2) 180° 00' 00"
Adj. = 90° 00' 00"

90° 00' 00"

59°

63.25 EAST

SET 1X2 6' N. FLUSH PER PLAN

(1) 120° 09' 30"
(4) 120° 38' 00"
(6) 00 57 00
Adj. = 120° 09' 30"

(1) 59 50 20
(4) 239° 21' 20"
(6) 359° 02' 00"
Adj. = 59° 50' 20"

P.I. NO. 22-A FD. 1X2 6' N. FLUSH PER F.B. 3101-45 Removed see F.B. 2981-104 FLB 5/63

W.S. 898-5

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

Survey of LAS FLORES HUMS
JN 2215.14 Tape 115 Std 84 °F
Surveyed by L.L. BROWN
Notes L.L BROWN Date 11-62
Indexed B. J. GALLI DEC 1 5 '62

F. B. 310 / Pg. 47

LAS FLORES CN.
EASEMENT SURVEY
WATER WORKS DIST. NO. 29
J.N. 2215.14

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PARTY
BROWN, L.L.
HARRINGTON, P.
SANDOVAL, M.
NEVAREZ, M.

REF.'s
C.S. 8617
C.S. B-128-3

76F3099 CE # 310 1-61

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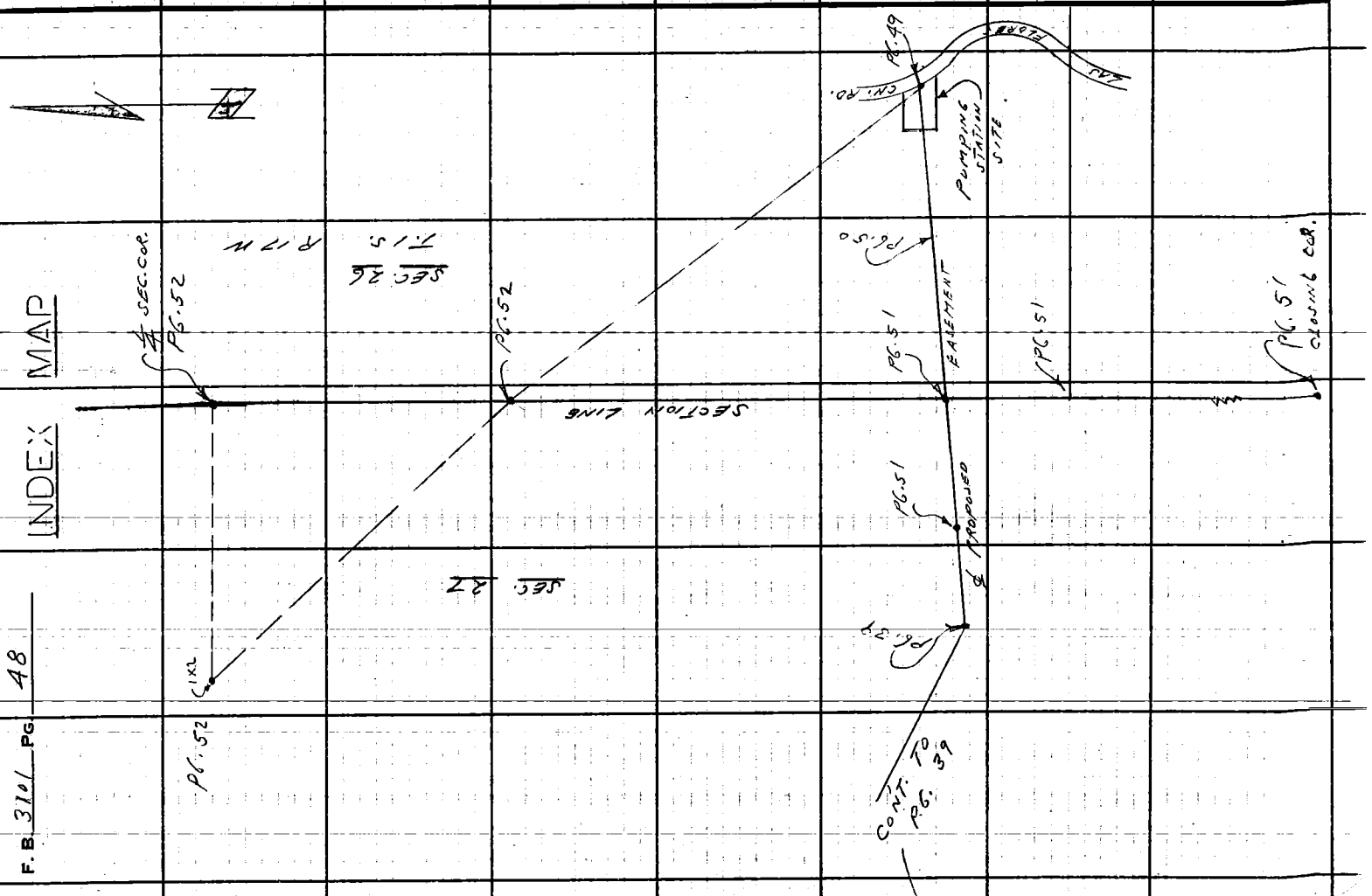
INDEX MAP

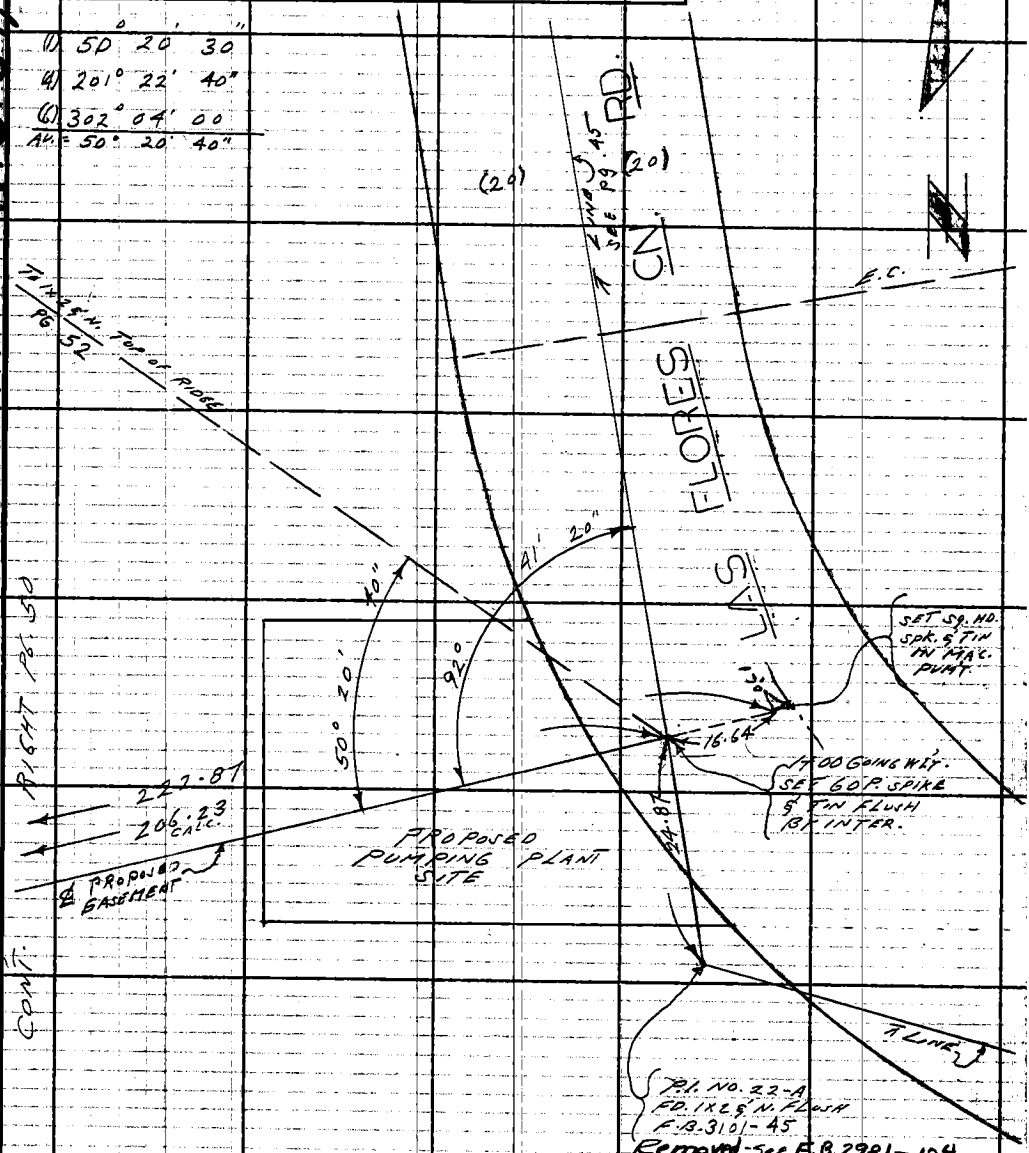
F. B. 3101 PG. 48



W.S. 89, B-5

Notes Ck'd by	Survey of LAS FLORES HUME	F. B. 3101 PG. 49
Map No.	JN 2215.14 Tape 115 Std 84 °F	
Office Work	Surveyed by L. L. BROWN	
Checked	Notes L. L. BROWN Date 11-62	
Date	Indexed R. J. GALLI	

(1) 50° 20' 30"
(4) 201° 22' 40"
(6) 302° 04' 00
AV. = 50° 20' 40"



Removed - See F.B. 2981-104 RCB 5/63

1. 243.81 @ 23° 54' T. 72° = 222.88
2. 243.44 @ 23° 43' T. 72° = 222.86
AV. = 222.87

(1) 92° 41' 00"
(4) 10° 45' 00"
(6) 196 08' 00"
AV. = 92° 41' 20"

NL'Y. LINE LOT 1, FRAC. SEC. 26, T. 1S. R. 17W.

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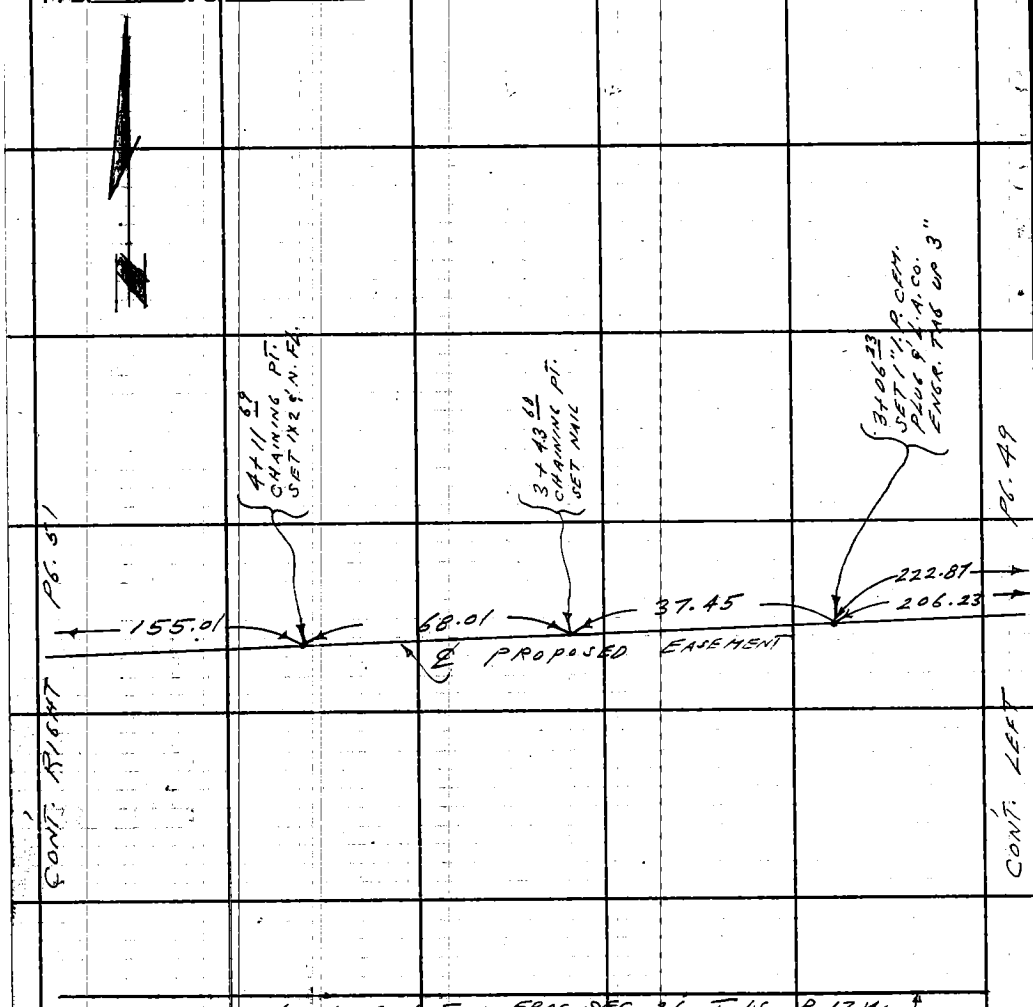
F. B. 3101 PG 50



1. 165.98 @ 20° 56' T. 74° = 155.01
2. 166.19 @ 21° 08' T. 74° = 155.00
AV. = 155.01

1. 39.32 @ 17° 45' T. 74° = 37.45
2. 39.09 @ 16° 39' T. 74° = 37.45
AV. = 37.45

1. 68.52 @ 6° 58' T. 74° = 68.01
2. 68.60 @ 7° 33' T. 74° = 68.01
AV. = 68.01

X

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W.S. 89-B-5

Notes Ck'd by	Survey of LAS FLORES HUME
Map No.	JN 2215.14 Tape 115 Std 84 °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 11-62
Date	Indexed G. J. GALLI

F. B. 3101 PG. 51

CON'T. BOTTOM PG. 52

(1) 77° 52' 40"
(2) 311° 30' 40"
(3) 107° 16' 00"
Δ = 77° 52' 40"

1 62.89 C 26° 09' 00" T. 74° = 56.45
2 62.44 C 25° 19' 44" T. 74° = 56.44
Av. = 56.45

1 207.42 C 22° 43' 15" T. 70° = 191.81
2 207.84 C 22° 09' 59" T. 70° = 191.32
Av. = 191.31

1 165.26 C 21° 50' 15" T. 70° = 60.57
2 165.03 C 21° 19' 17" T. 70° = 60.57
Av. = 60.57

1 83.74 C 25° 05' 15" T. 60° = 56.81
2 83.42 C 26° 23' 15" T. 60° = 56.80
Av. = 56.80

SEC. 27 — SECTION LINE — SEC. 26

644.46 REC. C.S. B-128-3

1308.40 REC. C.S. B-128-3

77°

B.M. #6 SET 1½" I.P. FLUSH

SET 1" I.P. CENTER PUNCH 0.02 E & 0.02 N. BY INTER.

67+23.15 SET 1½" I.P. FLUSH

67+66.20 SET 1½" I.P. FLUSH

40'

15.50

56.45

191.31

PROPOSED ℄ EASEMENT

60.51

56.80

88.39

PROPOSED ℄ EASEMENT

CONT. RIGHT PG. 52

CONT. LEFT PG. 50

B.M. #7 SET 1" I.P. FLUSH 0.1' E & 0.1' N. C.L. ENGR. PAD 0.2'

MADE SEARCH FOR SANDSTONE MON. PER C.S. B-128-3 AND C.S. B617 NOTHING FD.

0.14 REC. PER C.S. B-128-3

N'LY. LINE LOT 1, FRAC. SECTION 26, T. 1S. R. 17W.

COUNTY SURVEYOR'S MONUMENT
C.C.
SEC 27, SEC 26
R.I.T.W.
R.J.T.M.S.

FD. C.S. MON. MKD. AS SHOWN PER C.S. B-128-3

1932.0 REC. PER C.S. B-128-3

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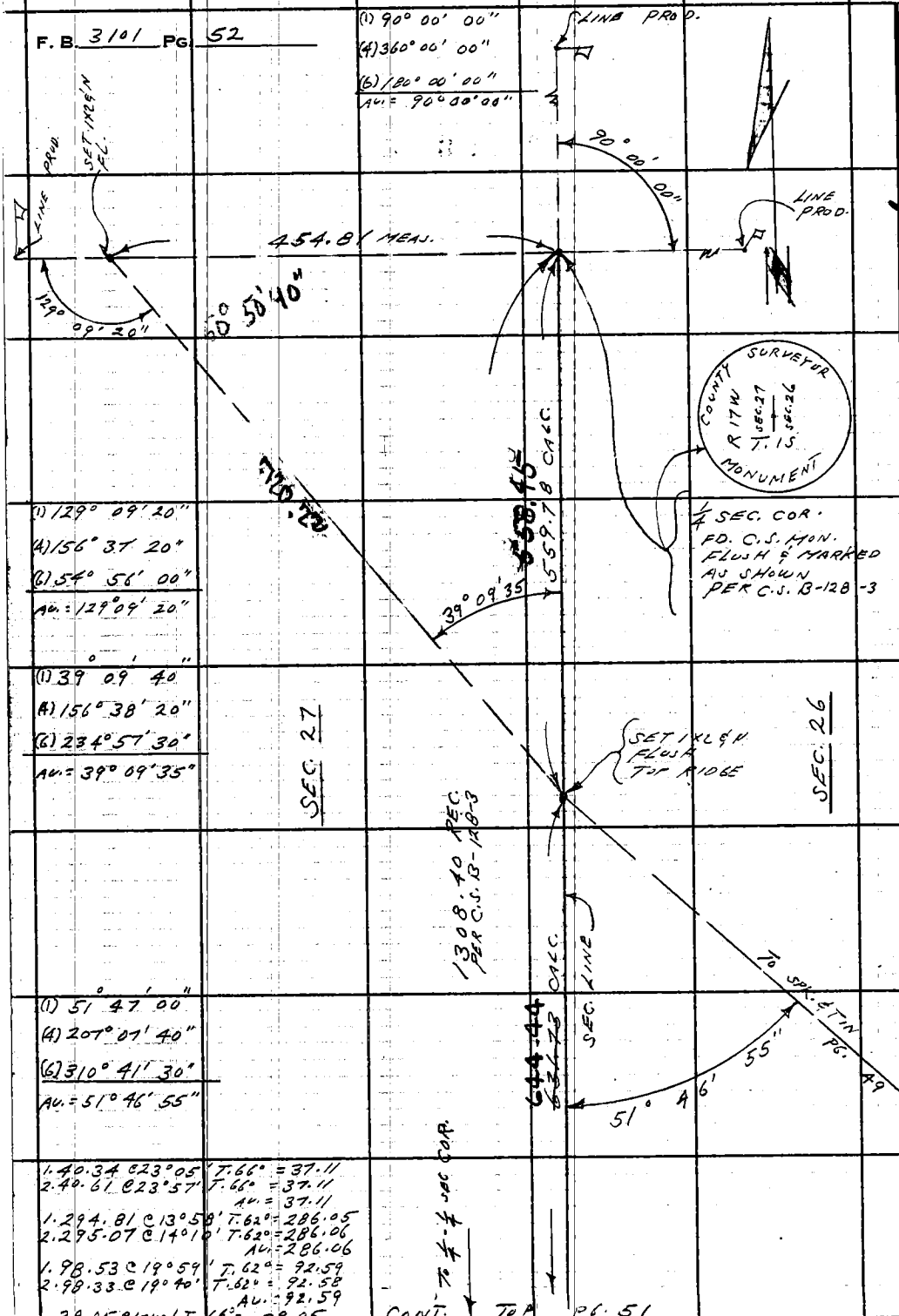
7 ⊕ F 3095 CE # 310 3-61

F. B. 3101 PG. 52

W.S. 89, B-5



1.40.34 @ 23° 05' T. 66° = 37.11
2.40.61 @ 23° 57' T. 66° = 37.11
AV. = 37.11
1.294.81 @ 13° 58' T. 62° = 286.05
2.295.07 @ 14° 10' T. 62° = 286.06
AV. = 286.06
1.98.53 @ 19° 59' T. 62° = 92.59
2.98.33 @ 19° 40' T. 62° = 92.58
AV. = 92.59
39.05 @ Level T. 66° = 39.05
SUB-TOTAL = 454.81

CONT. TOP PG. 51

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

Survey of CAMPING STA. SITE
JN 5294.01 Tape Std °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 11-62
Indexed J. GALLI DEC 18 '62

F. B. 310 / Pg. 53

LAS FLORES CN.
PUMPING STATION SITE

J.N. 5294.01

TOPOGRAPHY

PARTY
BROWN, L.L.
HARRINGTON, P.
SANDOVAL, H.
NEVAREZ, H.

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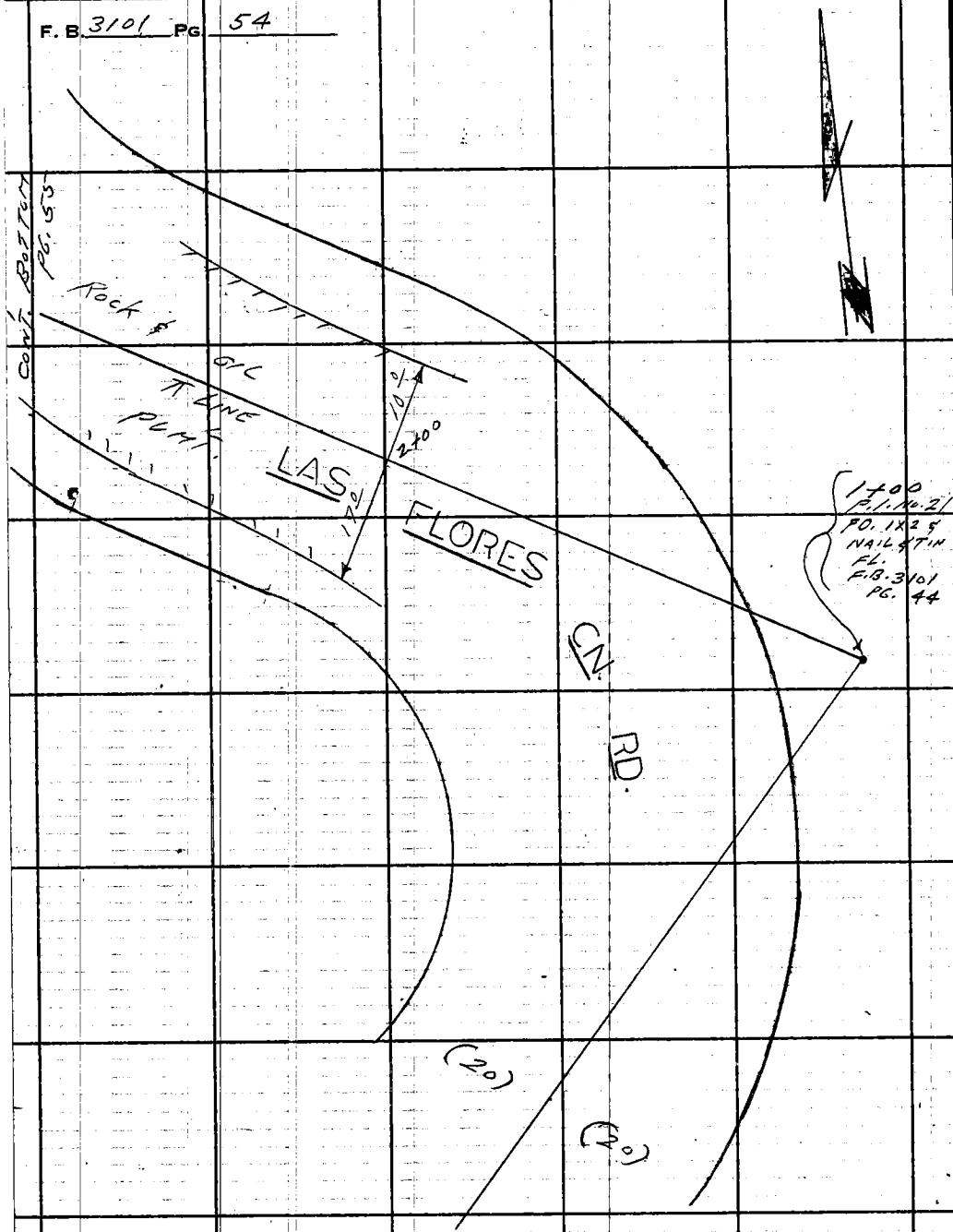
F. B. 3101 PG. 54



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Notes Ck'd by	Survey of PUMPING STA. SITE
Map No.	JN 5294.01 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-28-62
Date	Indexed E. J. GALLI

F. B. 3101 PG. 55

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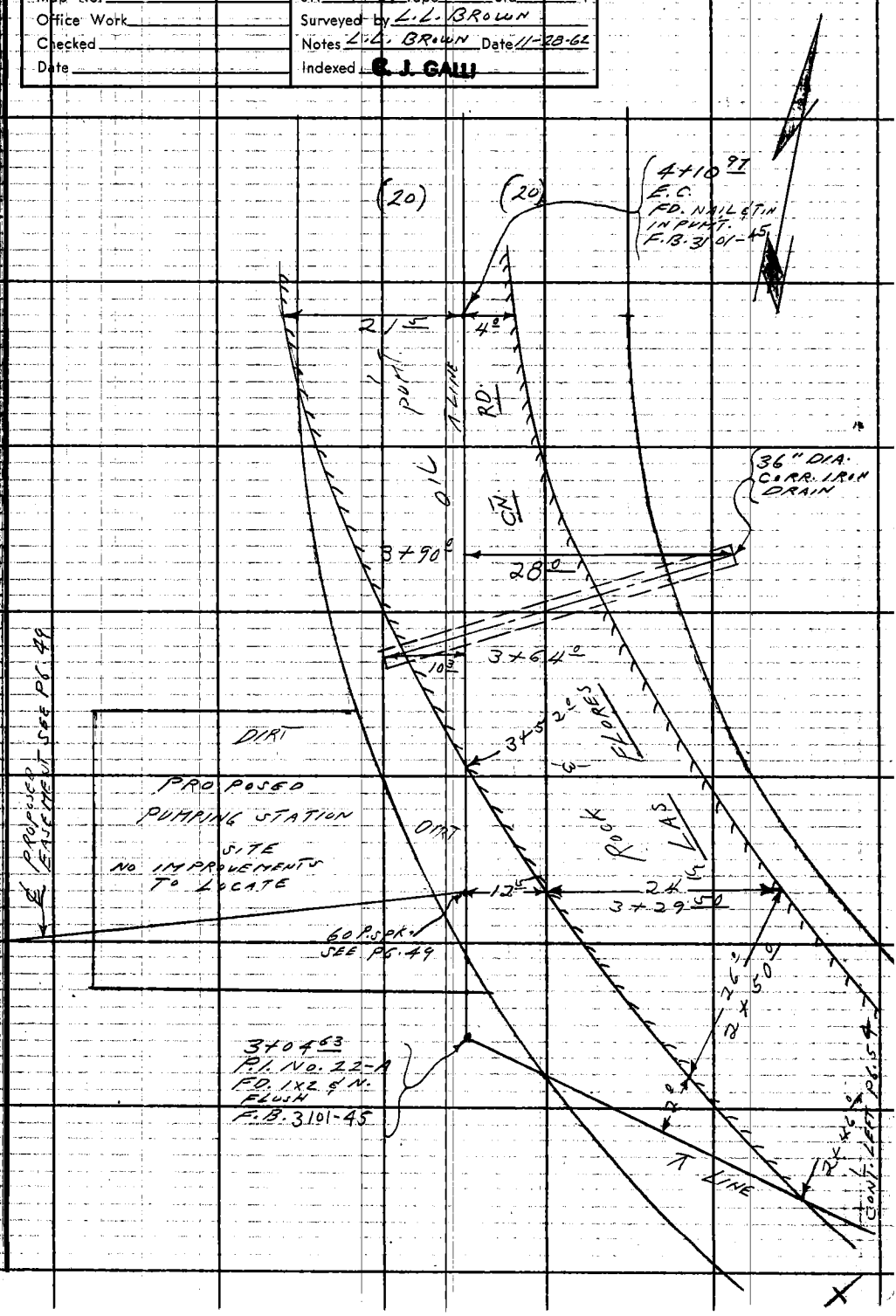
76F3095 CE # 310 3-61



F.B. 3101 Pg. 57

Profile No. | Notes Red | Date | Plotted | Date | Job No. 5294.01 | Division No.
X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of PUMP STA. SITE & EASEMENT
Survey by L.L.B. | Notes P.H. | Date NOV. 30 1962
Map No. | Indexed J. GALLI | Date 1962

LAS FLORES CN.
PUMPING STA. SITE
J.N. 5294.86
AND
EASEMENT
J.N. 2215.14
PROFILE & CROSS-SECTIONS

ON LAS FLORES CN. RD, PUMPING STA. SITE, & ON EASEMENT AS REQUESTED

NOTE: TAKE OFF B.M. BASED ON TRIG. LEVELS RUN UP LAS FLORES CN. RD. PER F.B. 2266-42

PARTY

BROWN, L.L.
HARRINGTON, P.
SANDOVAL, M.
NEVAREZ, M.

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

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76L-298 CE 307 11-58

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. LF #14				215 50	B.M. LF #14 ELEV. 215.5 F.B. 2266-42	
					LAS FLORES CN. RD, FD. 3/4" I.P. CONC.	
					PLUG & TAG FLUSH	
					LEFT & W'LY	RIGHT & E'LY
2+00				219 00		PUM'T.
				219 98		6.5 " BRK.
				220 77		10' " EDGE
				216 66	17° BOT. BK. PUM'T. EDGE	
				220 2	22° GRD., CONT. UP	
2+50				221 77		
				221 77		2° PUM'T. EDGE
				222 92		25° " BRK.
				223 49		28° " EDGE
				222 6		44° T. BANK
				222 6	9' BOT. BK. GRD	
				227 1	12' GRD. CONT. UP	
3+04.63	90° TO BK. LINE			226 5		GRD.
				227 1	5' BOT. BK. GRD.	
				231 3	10' GRD. CONT. UP	

F.B. 3101 PG. 50 Job No. 52740 Division No. Notes Red Plotted Profile
Survey of PUMP. STA. SITE & EASEMENT Date Date No.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked X-Sec.
Indexed [redacted] J. GALLI Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT & W'LY	RIGHT & E'LY.
3+29.50				227.7	INT. OF ⊼ LINES, GRD	
				226.45		12.5 PUM'T. EDGE
				225.31		21.5 " BRK.
				225.70		24.5 " EDGE
				224.4		43 T. BK.
3+[illegible]51.0				228.7		⊼ GRD.
				230.2	10' T. BK.	
3+64.0				230.3	7' T. BK.	
				224.86	10.3 F.L. 36" C.I. DRAIN	
3+90.0				222.52		28' F.L. 36" C.I. DRAIN
4+10.97	E.C.			231.24		⊼ PUM'T.
				231.05		1.5 " BRK.
				231.62		4.0 " EDGE
				232.2		8' T. BK.
X				233.42	21.5 PUM'T. EDGE	
				234.3	25' T. BK.	

Profile Notes Red ____ Plotted ____ Job No. 52940 Division No. ____ F.B. 3101 Pg. 59
No. ____ Date ____ Date ____ Survey of PUMP. STA. SITE & EASEMENT
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 11-30-62
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] J. GALLI Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
					LEFT & W'LY.	RIGHT & E'LY.
4+10 97	E.C.			232 7	34' BOT. BK.	
				234 1	54' BOT. BK.	
				239 1	60' GRD. CONT. UP	
B.M.L.F. #15				235 65	B.M.L.F. #15 ELEV.	F.B. 2266-4
					LAS FLORES CÑ. RD., FD. 3/4" I.P. CONC.	
					PLUG & TAG FLUSH	

END PROFILE & X-SECTIONS ON LAS FLORES CÑ. RD.

BEGIN PROFILE & X-SECTIONS AT INT. OF ⊼ LINES ON LAS FLORES CÑ. RD., GOING WEST ON ⊼ LINE

					LEFT & SOUTH	RIGHT & NORTH
3+29 50 = 1+00	GOING WEST			227 68	INT. OF ⊼ LINES	
				228 47	N.E. COR. OF LOT, 1X2 & N. FLUSH	
				226 20	S.E. " " " " " N. & T. FL USH	
				231 11	N.W. " " " " " & N. FL.	
				232-98	S.W. " " " " " " FL.	

F.B. 3101 PG. 60 Job No. 5294.86 Division No. Notes Red Date Plotted Date No. Profile
Survey of PUMP STA. SITE & EASEMENT Notes Chkd. Date Checked Date No. X-Sec.
Survey by L.L.B. Notes P.H. Date
Indexed G. J. GALLI

76L-298 CE 307-11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
					LEFT ℄ SOUTH	RIGHT ℄ NORTH
1+25 ℄				230 0		↑
				228 9		22' T. BK.
				226 9		23' GRD. BRK.
				227 3		GRD.
				229 5	21° BOT. BK.	
				233 2	28° GRD. CONT. UP	
1+ 85/8				232 0		12° BOT. BK.
				233 1	10' GRD. BRK.	
				235 8	14' " "	
				236 6	25' " " & BOT. BK.	
1+55 5				232 4		↑ BOT. BK.
				230 5		50' " "
				232 5	9' GRD. BRK. (DRAIN)	
1+70 ℄				242 2		↑
				244 7		10' GRD. BRK.
X ℄				244 2	5' T. BK.	
				234 8	14' BOT. & DRAIN	

Profile
No. X-Sec.
Notes Red Plotted
Date Date
Notes Chkd. Checked
Date Date
Job No. 2446 Division No.
Survey of PUMA STA. SITE & EASEMENT
Survey by L.A.C.E. Notes A.K. Date 11-30-62
No. Date Map No. Indexed J. C. Date
F.B. 3101 Pg. 61

76L-298 CE 307 11-58

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3+06.

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT & SOUTH	RIGHT & NORTH
1+70°				242 3	20' T. BK. CONT. UP	
	USED PHILADELPHIA ROD FROM HERE ON					
B.M.L.F. #15	1 21	236 86		235 65	SEE PG. 4 FOR DESCRIPTION	
T.P.	10 64	247 35	0 15	236 71	STK.	
T.P.	11 97	258 87	0 45	246 90	"	
1+87°			4 6	254 3		GRD. BRK.
T.P.	11 64	268 83	1 68	257 19	"	
2+02°			5 3	263 5		GRD. BRK.
2+15°			0 0	268 8		" "
T.P.	11 48	279 81	0 50	268 33	"	
2+43° T.P.	11 79	291 10	0 50	279 31	"	GRD. BRK.
T.P.	12 15	302 94	0 31	290 79	"	
T.P.	11 63	314 32	0 25	302 69	"	
2+80°			4 8	309 5		GRD. BRK.
T.P.	11 57	325 74	0 15	314 17	"	
T.B.M. #1. 3+06 23	12 10	334 65	3 19	322 55	TOP 1" I.P. & CO. ENGR. TAG. UP 4"	
3+06 23			12 4	322 2		GRD. BRK.
3+43 L T.P.	10 93	344 34	1 24	333 41	"	" "
3+79 4			4 5	339 8		" "
T.P.	11 13	355 01	0 46	343 88	"	

Profile ____ No. ____ X-Sec. ____ No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. 5294.86
Survey of PUMP STA. SITE & EASEMENT
Survey by L.L.B. Notes P.H. Date ____
Indexed C. J. GALLI

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		355 01			LEFT & SOUTH	RIGHT & NORTH
4+11 7			11 1	343 9		GRD. BRK.
T.P.	11 50	366 47	0 04	354 97	STK.	
T.P.	10 52	376 39	0 60	365 87	"	
5+10 0			4 5	371 9		GRD. BRK.
T.P.	11 59	387 92	0 06	376 33	"	
T.P.	11 81	399 28	0 45	387 47	"	
T.P.	9 56	408 59	0 25	399 03	"	
T.B.M. #2 5+ 66 70	12 06	416 47	4 18	404 41	TOP 1X2 & N. FL.	GRD. BRK.
T.P.	11 69	428 10	0 06	416 41	"	
T.P.	10 80	438 78	0 12	427 98	"	
T.B.M. #3 6+23 15	11 41	443 11	7 08	431 70	TOP 1X2 & N. FL.	GRD. BRK.
6+70 0			2 1	441 0		GRD. BRK.
T.P.	11 78	454 77	0 12	442 99	"	
T.P.	11 45	465 92	0 30	454 47	"	
T.P.	11 49	477 13	0 28	465 64	"	
7+32 1			6 1	471 0		GRD. BRK.
T.P.	10 34	487 29	0 18	476 95	"	
7+60 0			5 0	482 3		GRD. BRK.
T.P.	10 80	496 91	1 18	486 11	"	
T.P.	11 68	507 78	0 81	496 10	"	

Profile No. ___ Notes Red ___ Date ___ Plotted ___ Date ___ Job No. 2215 14 Division No. ___
X-Sec. No. ___ Notes Chkd. ___ Date ___ Checked ___ Date ___ Survey of PUMA STA. SITE & EASEMENT
Survey by L.C.B. Notes P.H. Date 11-30-62
Map No. ___ Indexed ___ J. GALL Date ___

F.B. 3101 PG. 63

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		507 78			LEFT & SOUTH	RIGHT & NORTH
T.P.	12 27	519 75	0 30	507 48	STK.	
8+14 46			7 7	512 0		GRD. BRK.
T.P.	10 70	530 31	0 14	519 61	"	
T.P.	7 82	538 07	0 06	530 25	"	
~~8+74 0~~			3 1	535 0		GRD. BRK.
T.B.M. #4.						
~~8+74 97~~	~~11 69~~	~~547 09~~	~~2 67~~	~~535 40~~	TOP 1" I.P. & CO. ENGR. TAG. UP 2"	
T.P.	11 99	558 74	0 34	546 75	"	
T.P.	11 96	568 04	2 66	556 08	"	
9+63 0			9 3	558 7		GRD. BRK.
T.B.M. #5						
9+63 36	8 95	567 98	9 01	559 03	TOP 1" I.P. & CO. ENGR. TAG UP 2"	
T.P.	11 93	579 89	0 02	567 96	"	
T.P.	11 62	591 27	0 24	579 65	"	
10+36 6			7 2	584 1		GRD. BRK.
T.P.	11 85	602 99	0 13	591 14	"	
10+94 5			3 6	598 4		GRD. BRK.
T.P.	11 78	614 73	0 04	602 95	"	
11+33 5			7 9	606 8		GRD. BRK.
T.P.	11 23	624 54	1 42	613 31	"	
12+44			9 1	615 4		GRD. BRK.
12+74			3 0	621 5		" "

F.B. 3101 PG. 64

Job No. 2215 4 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of PUMP STA. SITE & EASEMENT Date ____ Date ____ No. ____

Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed E. J. GALLI Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Profile No. ____ X-Sec. No. ____ Notes Red ____ Plotted ____ Job No. 2245-14 Division No. ____
Date ____ Date ____ Survey of PUMP STA. SITE & EASEMENT
Notes Chkd. ____ Checked ____ Survey by L.L.S. Notes P.W. Date 12-7-62
Date ____ Date ____ Map No. ____ Indexed R.J. GALLI Date ____

F.B. 3/01 Pg. 65

STATION	B.S.	H.I.	F.S.	ELEV.			
		624 54			LEFT ℄ SOUTH		RIGHT ℄ NORTH
T.P.	10 58	634 92	0 20	624 34	STK.		
T.P.	10 46	645 25	0 13	634 79	"		
T.P.	11 94	657 08	0 11	645 14	"		
T.P.	11 98	668 83	0 23	656 85	"		
T.P.	11 34	679 69	0 48	668 35	"		
T.P.	10 64	690 17	0 16	679 53	"		
147+06			11 0	679 2		T	GRD.
T.P.	11 70	701 83	0 04	690 13	"		
~~T.P.~~	~~11 09~~	~~712 83~~	~~0 09~~	~~701 74~~	"		
T.P.	7 21	719 80	0 24	712 59	"		
T.B.M. #6 14+98 01	12 11	731 49	0 42	719 38	TOP 1"x2" ⊗ N. FL.	T	GRD. BRK.
T.P.	11 96	743 28	0 17	731 32	"		
T.P.	11 29	754 55	0 02	743 26	"		
T.P.	10 88	765 26	0 17	754 38	"		
154+75 2			10 1	755 2		T	GRD. BRK.
T.P.	10 28	775 25	0 29	764 97	"		
T.P.	9 69	782 86	2 08	773 17	"		
T.P.	11 33	793 15	1 04	781 82	"		
164+22			7 5	785 6		T	GRD BRK.
T.P.	11 37	804 18	0 37	792 78	"		

76L-298 CE 307 11-58

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F.B. 3101 PG. 66 | Job No. 3245-44 Division No. | Profile | Notes Red | Plotted | Date | No.
Survey of PUMA & ITA. STREET EASEMENT | Date | X-Sec. | No.
Survey by L.L.S. | Notes P.M. | Notes Ckd. | Checked | Date
Indexed C.J. GALL | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.		
		804 15			LEFT ℄ SOUTH	RIGHT ℄ NORTH
16+41.5			5 4	798 7		GRD. BRK.
16+48.3			4 3	799 8		" "
16+53			0 7	803 4		" "
16+58.34 T.P.	5 5 8	808 80	0 9 3	803 22	TOP 1X2 ℄ M. FL.	
T.B.M. # 7			2 2 2	806 58	T.B.M. # 7	
					HUMPE RD, 350± E. OF INT. OF RAMBLA	
					PACIFICO ℄ HUMPE RD, SET LG.	
					BT. SPK. IN W. SIDE OF P.P. # 16127-Y, UP 1.5	
		1				

Profile No.	Notes Red.	Plotted	Job No. 5294.01	Division No.	B. 3101 Pg. 67
	Date	Date	Survey of HUME RES. SITE #2		
X-Sec. No.	Notes Chkd. Fitch	Checked	Survey by J. TERRANOVA	Notes J.T. C. J. GALLI	Date 1-18-63
	Date 1-22-63	Date	Map No.	Indexed	Date JAN 22 '63

BENCH LEVELS FOR
TOPOG. CONTROL FROM
T.B.M. #7 F.B. 3101-66 NLY.
ALONG RAMBLA PACIFICO
& THENCE TO SITE #2

HUME RESERVOIR SITE
SITE #2
J.N. 5294.01
JAN. 1963

PARTY
J. TERRANOVA
J.W. MOORE
L. LOVE

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

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M. #7	12 06	818 64		806 58	T.B.M. #7 ELEV. = 806.58 · HUME RD., 350± E. OF INT. OF RAMBLA PACIFICO & HUME RD. FD. LG. BT. SPK. IN W. SIDE OF P.P. #16127-Y, up 1 ± F.B. 3101-66	
T.P.	10 97	824 19	5 42	813 22		
T.P.	11 93	835 98	0 14	824 05	T.P.	
T.P.	12 09	847 72	0 35	835 63	T.P.	
T.P.	12 23	859 77	0 18	847 54	T.P.	
T.P.	12 13	871 87	0 03	859 74	T.P.	
T.P.	11 87	883 58	0 16	871 71	T.P.	
T.P.	12 08	895 41	0 25	883 33	T.P.	
T.P.	12 16	907 45	0 12	895 29	T.P.	
T.P.	12 24	919 62	0 07	907 38	T.P.	
T.B.M. #8	12 03	931 47	0 18	919 44	T.B.M. #8 - ELEV. 919.44 INT. AZURIEE DR. & RAMBLA PACIFICO - 30± S. OF SET LG BT. SPK IN E. SIDE OF P.P. # 24905Y, up 1	
T.P.	11 44	942 89	0 02	931 45		
T.P.	12 29	955 11	0 07	942 82	T.P.	
T.P.	11 77	966 71	0 17	954 94	T.P.	
T.P.	11 97	978 60	0 08	966 63	T.P.	
T.P.	12 24	990 73	0 11	978 49	T.P.	
T.P.	11 80	1002 42	0 11	990 62	T.P.	
T.P.	12 28	1014 57	0 13	1002 29	T.P.	
T.P.	11 88	1026 21	0 24	1014 33	T.P.	
T.P.	11 72	1037 85	0 08	1026 13	T.P.	
T.P.	10 83	1048 35	0 33	1037 52	T.P.	

F.B. 3101 Pg. 68

Job No. 5294.01 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of HUME RES. SITE #2 Date ____ Date ____ No. ____

Survey by J. TERRANOVA Notes J.T. Notes Chkd. Fitch Checked ____ X-Sec. ____

Indexed C. J. GALLI Date 1-18-63 Date 1-22-63 Date ____ No. ____

Profile No.	Notes Red.	Plotted	Job No. 5294.01	Division No.	F. B. 3101 PAGE 69
	Date	Date	Survey of HUME RES. SITE #2		
X-Sec. No.	Notes Chkd. Fitch	Checked	Survey by J. TERRANOVA	Notes J.T.	Date 1-18-63
	Date 1-22-63	Date	Map No.	Indexed C. J. GALLI	Date

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1048 35			
T.B.M. #9	4 16	1051 64	0 87	1047 48	T.B.M. #9 - ELEV. = 1047.48, LG. BOLT @ BASE OF AIRIEL, S.W. COR. OF (1x1) BASE. ON PROP. SLY. TO RES. SITE #2 100± SLY. OF TRANSIT LINE F.B. 3101-29
1½" I.P.			8 54	1043 10	1½" I.P. - ELEV. = 1043.10 FD. 1½" I.P. F.B. 3101-29 ON WLY. I.P. OF TWO THAT ARE 19.91 APART. ON TRANSIT LINE.

76L298 S & E #307 9-54

SEC. 27 T 1S R 17W

Notes Ck'd by W. J. BRENNER	Survey of SECTION LINE
Map No.	JN 0302.01 Tape 148 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date FEB 63
Date	Indexed E. J. GALLI MAR 12 '69

F. B. 3101 PG. 71

SURVEY

OF

NORTH HALF

OF

SECTION 27

T 1S R 17W

&

LAS FLORES HUME Z IV B

WATER WORKS DISTRICT 29

REF —

C.S.B. 126-1

C.S.B. 128

F.B. 246

F.B. 360

F.B. 340

C.S. 9140

C.S. 9313

E. ENGLISH
SHOEMAKER
TOLLISON
MASUDA
ROBBINS

W. BAY
R. MATHER
BUSTRUM
MC KNIGHT
OHASHI

J.P. MENNE
W. J. VOGE
C. ADAMS
R. GILROY
I. RANGEL

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76F3095 CE # 3101 3-61

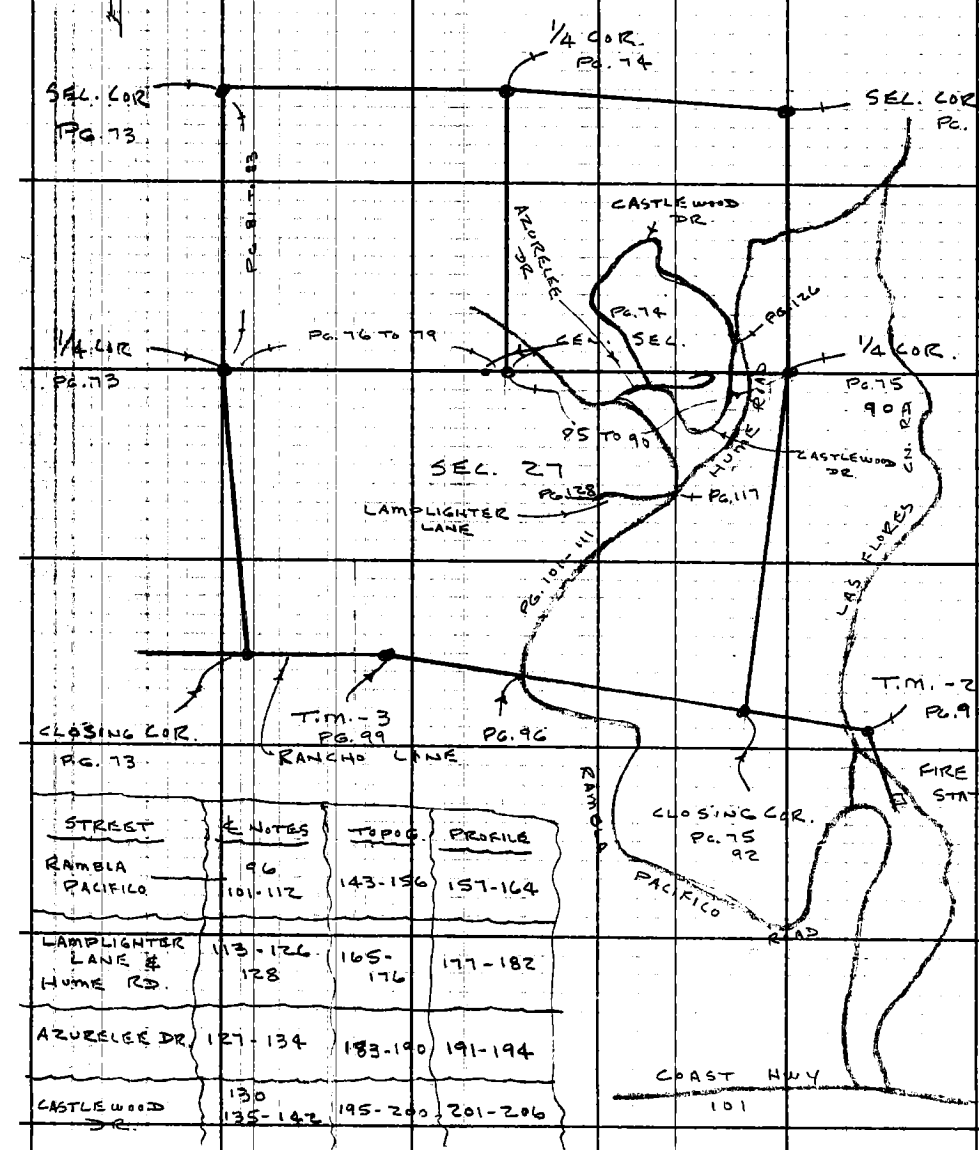
F.B. 3101 PG 72

INDEX

SECTION 27

T 1 S R 17 W

N-S CENTER OF SECTION LINE WAS SET BY MEAN BEARING — USING GOV'T. NOTES FOR DISTANCE TO OBTAIN WEIGHTED MEAN.



STREET	# NOTES	TOPOG.	PROFILE
RAMBLA PACIFICO	96 101-112	143-156	157-164
LAMPLIGHTER LANE & HUME RD.	113-126 128	165-176	177-182
AZURELEE DR	127-134	183-190	191-194
CASTLEWOOD DR.	130 135-142	195-200	201-206

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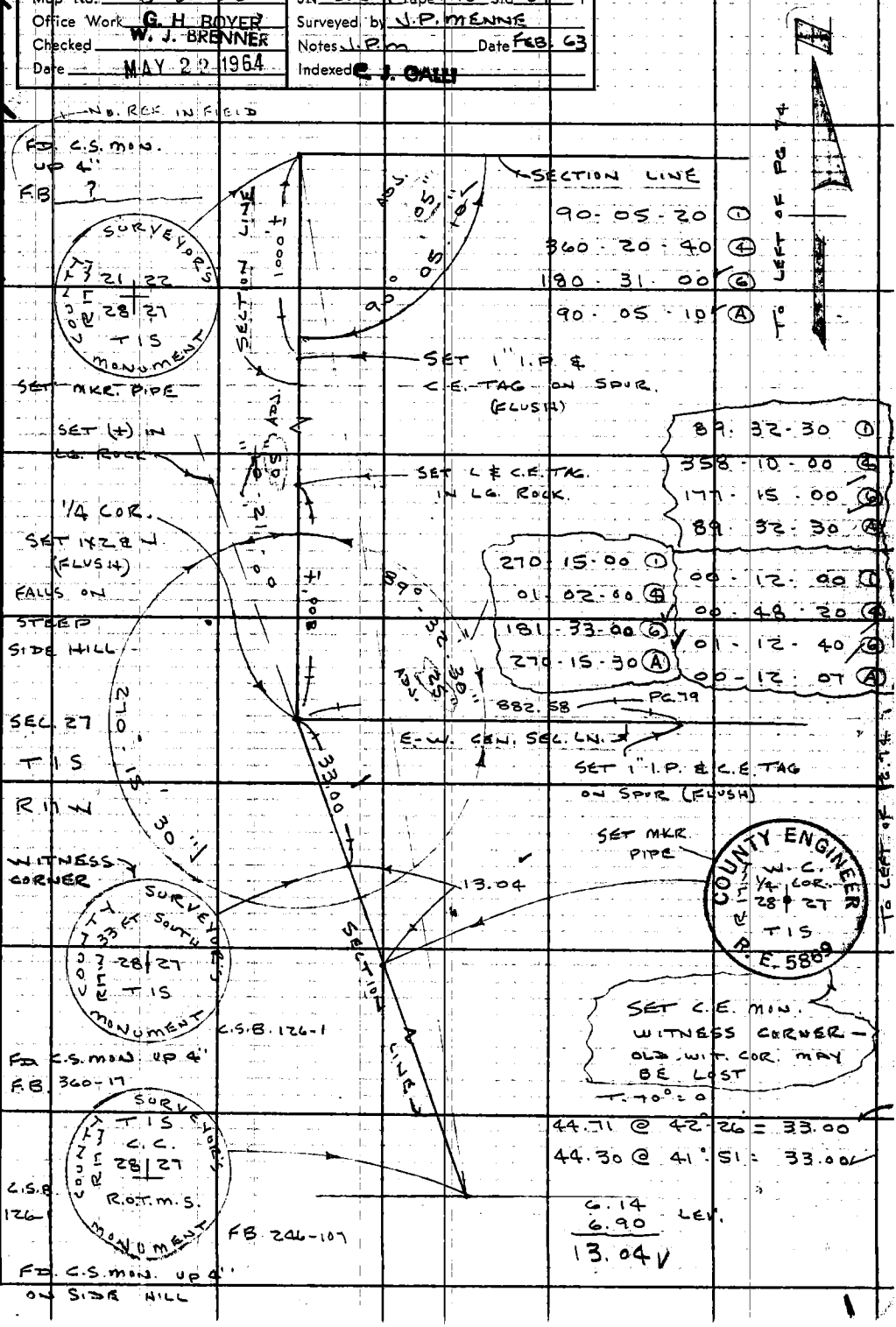
SEC. 27 T1S R17W

Notes Ck'd by W. J. BRENNER	Survey of SECTION LINE	F.B. 3101 PG. 73
Map No. B 2855	JN 0302.01 Tape 148 Std 84 °F	
Office Work G. H. BOYER	Surveyed by J.P. MENNE	
Checked W. J. BRENNER	Notes J.P.M. Date FEB. 63	
Date MAY 22 1964	Indexed C. J. CALLI	

W.S. 89, A-45



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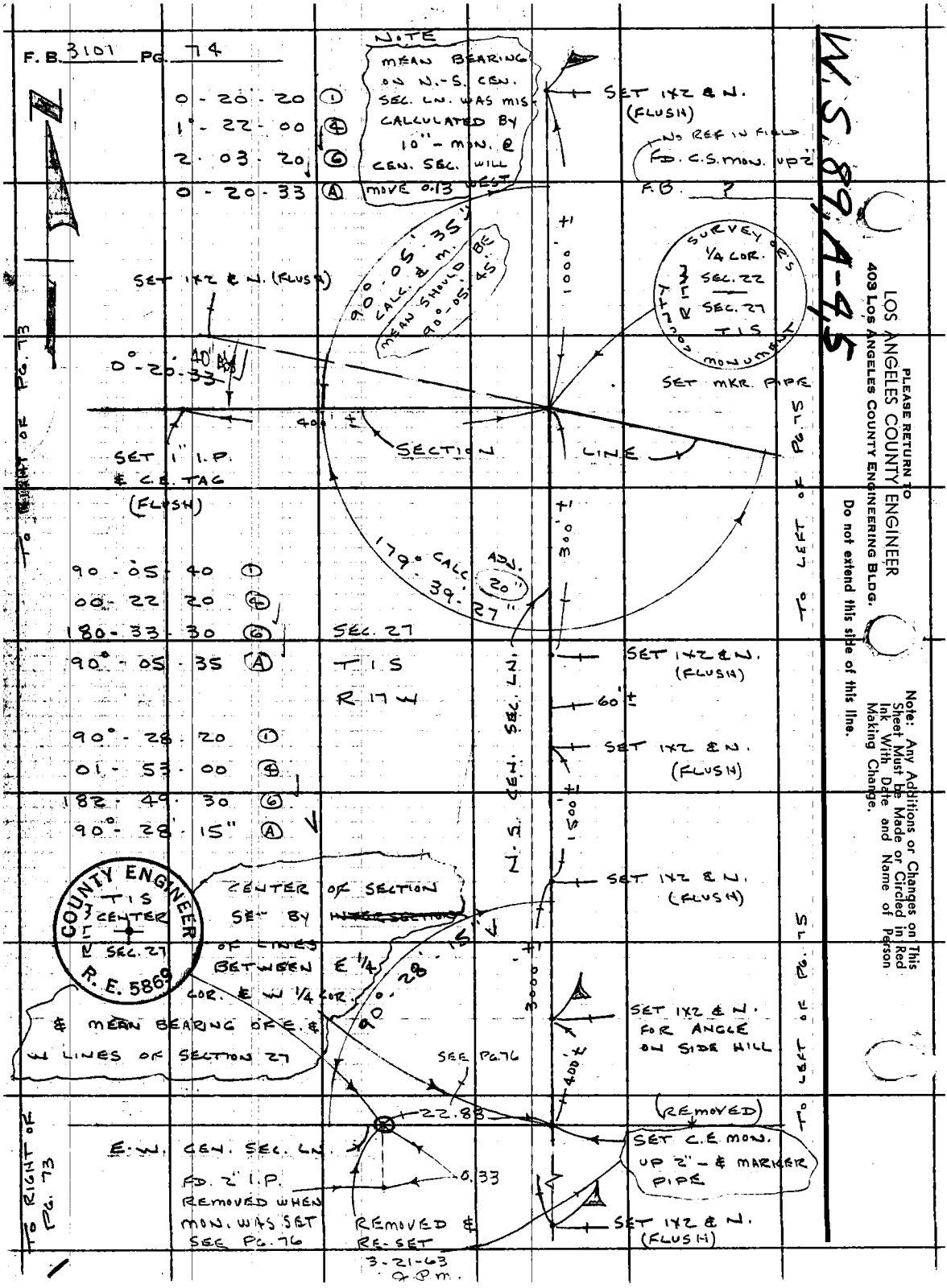
76F3095 CE # 310 3-61


F. B. 3101 PG. 74
NOTE
MEAN BEARING ON N.-S. CEN. SEC. LN. WAS MIS CALCULATED BY 10" - MON. @ CEN. SEC. WILL MOVE 0.13 WEST
0 - 20 - 20 ①
1° - 22 - 00 ④
2 - 03 - 20 ⑥
0 - 20 - 33 Ⓐ
SET 1X2 & N. (FLUSH)
NO REF IN FIELD
FD. C.S. MON. UP 2'
F.B. ?
90° - 05' - 35" CALC. & M. MEAN SHOULD BE 90° - 05' - 45"
SURVEYOR'S 1/4 COR. SEC. 22 SEC. 27 T1S
COUNTY RIVER MONUMENT
SET MKR. PIPE
SET 1X2 & N. (FLUSH)
0° - 20' - 33
40' ±
400' ±
SECTION LINE
SET 1" I.P. & C.E. TAG (FLUSH)
1000' ±
300' ±
179° CALC. ADJ. 20"
39' - 27"
90 - 05 - 40 ①
00 - 22 - 20 ④
180 - 33 - 30 ⑥
90° - 05 - 35 Ⓐ
SEC. 27
T1S
R17W
N.S. CEN. SEC. LN.
SET 1X2 & N. (FLUSH)
60' ±
90° - 28 - 20 ①
01 - 53 - 00 ④
182 - 49 - 30 ⑥
90° - 28' - 15" Ⓐ
SET 1X2 & N. (FLUSH)
1500' ±
SET 1X2 & N. (FLUSH)
COUNTY ENGINEER T1S CENTER SEC. 27 R.E. 5869
CENTER OF SECTION SET BY ~~INTERSECTION~~ OF LINES BETWEEN E 1/4 COR. & W 1/4 COR. & MEAN BEARING OF E. & W LINES OF SECTION 27
90° - 28' - 15"
3000' ±
SET 1X2 & N. FOR ANGLE ON SIDE HILL
400' ±
SEE PG. 76
22.88
(REMOVED)
SET C.E. MON. UP 2" - & MARKER PIPE
E.W. CEN. SEC. LN.
0.33
FD. 2" I.P. REMOVED WHEN MON. WAS SET SEE PG. 76
REMOVED & RE-SET 3-21-63 G.P.M.
SET 1X2 & N. (FLUSH)
TO RIGHT OF PG. 73
TO LEFT OF PG. 75
TO RIGHT OF PG. 73
TO LEFT OF PG. 75
W.S. 89, A-4,5
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SEC. 27 T 1S R 1W

Notes Ck'd by	W. J. BRENNER	Survey of	SECTION LINES
Map No.	B 2855	JN 0302.01 Tape	148 Std 84 °F
Office Work	G. H. B[illegible]	Surveyed by	J.P. MENNE
Checked	W. J. BRENNER	Notes	J.P.M. Date FEB. 63
Date	MAY 2[illegible] 1964	Indexed	J. GALLI

F.B. 3101 PG. 75

W.S. 89, B-4.5

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7 GF309S CE # 310 8-61

NOTE

90-12-20 ①
00-49-40 ④
181-14-20 ⑥
90-12-23 Ⓐ

MEAS. THIS ∠ FOR CHECK - SIGHT TOO SHORT
HELD TO THE OTHER ② ∠S FOR ∠ @ SEC. COR.

SET 1½℄ & N. (FLUSH) LINE PROD.

SEE PG 80 FOR POINTS ON SECTION LINE THIS LINE

To RT. of Pg. 74

To RT. of SEC. COR.

SURVEYORS 1/4 SEC. 22 | 23 | 27 | 26 T 1S R 1W MONUMENT

90° - 12' - 13" CALC.

1322.40' ± SECTION LINE

800' ±

19° - 31' - 23"

70° - 40' - 50"

SET 1½℄ & N. (FLUSH) LINE PROD.

SET 1" I.P. & C.E. TAG (FLUSH)

FD. C.S. MON. (FLUSH) ON SIDE HILL SET MARKER PIPE

LF H-5B

C.S.B. 128-3 F.B. 340-87

89-28-50 ①
357-55-40 ④
176-53-30 ⑥
89° 28' 55" Ⓐ

SECTION LINE

90° 31' 05" CALC.

FD. 1½℄ & N. (FLUSH) LINE PROD. F.B. 3101-52

19-31-20 ①
78-05-40 ④
117-08-20 ⑥
19° 31' 23" Ⓐ
70° - 40' - 50" ⑪

282-43-20 ④
64-05-00 ⑥
70° 40' 50" Ⓐ

SEE PG. 90

89° 28' 55"

E-W. CEN. SEC. LN. 41-37

1500' ±

To RT. of Pg. 74

FD. C.S. MON. C.S.B. 128-3

SURVEYORS 1/4 SEC. CO. COUNTY 27 | 34 | 1 | 26 T 1S R 1W MONUMENT

50.15 F.B. 2336-115

FD. 1" I.P. & C.E. TAG. (FLUSH) F.B. 2336-115

0°-05-50 ①
0°-23-10 ④
0-34-40 ⑥
0°-05-47 Ⓐ

359-54-10 ①
359-36-40 ④
359-25-00 ⑥
359-54-10 Ⓐ

SURVEYORS C.C. COUNTY SEC. 27 SEC. 26 R.O.T.m.s. MONUMENT

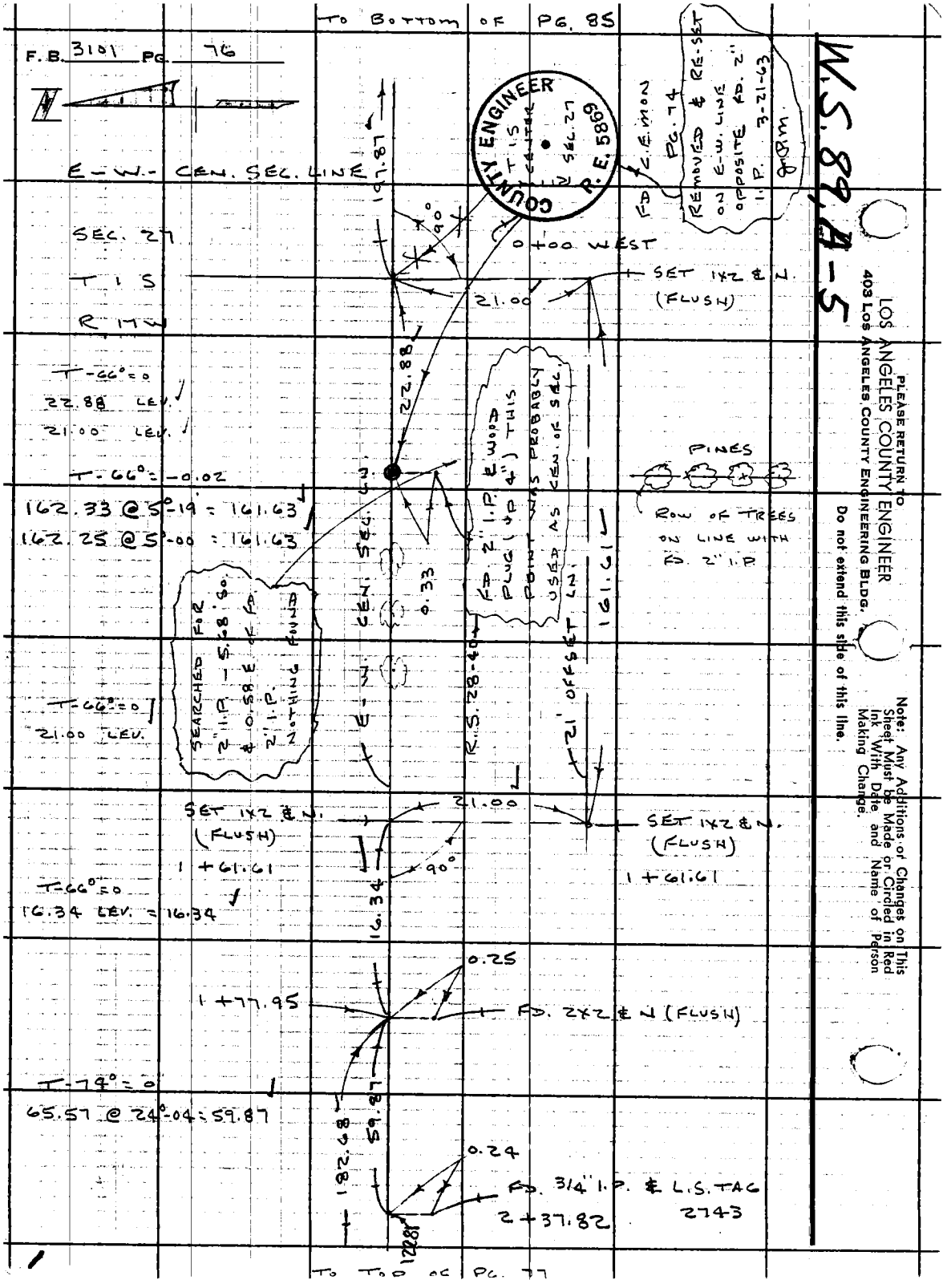
SET 1½℄ & N. (FLUSH) LINE PROD

LF H-7A

FD. C.S. MON. (FLUSH)

C.S.B. 128-3

1


TO BOTTOM OF PG. 85
F.B. 3101 PG. 76
E-W.- CEN. SEC. LINE
SEC. 27
T 1 S
R 17W
T-66°=0
22.88 LEV.
21.00 LEV.
T-66°=-0.02
162.33 @ 5°-19' = 161.63
162.25 @ 5°-00' = 161.63
T-66°=0
21.00 LEV.
T-66°=0
16.34 LEV. = 16.34
T-74°=0
65.57 @ 24°-04' = 59.87
197.87
90°
0+00 WEST
SET 1X2 & N. (FLUSH)
21.00
22.88
PINES
ROW OF TREES ON LINE WITH FD. 2" I.P.
FD. 2" I.P. & WOOD PLUG (UP 4") THIS POINT WAS PROBABLY USED AS CEN. OF SEC.
SEARCHED FOR 2" I.P. - 5.68' SO. & 0.58 E OF FD. 2" I.P. NOTHING FOUND
E-W. CEN. SEC. LN.
0.33
R.S. 28-40
21' OFFSET LN.
161.61
SET 1X2 & N. (FLUSH)
1+61.61
21.00
90°
16.34
SET 1X2 & N. (FLUSH)
1+61.61
0.25
1+77.95
FD. 2X2 & N (FLUSH)
59.87
182.68
0.24
FD. 3/4" I.P. & L.S. TAG 2743
2+37.82
122.81
TO TOP OF PG. 77
COUNTY ENGINEER
R.E. 5869
SEC. 27
T 1 S
FD. C.E. MON PG. 74
REMOVED & RE-SET ON E-W. LINE OPPOSITE FD. 2" I.P. 3-21-63
W.S. 89, A-5
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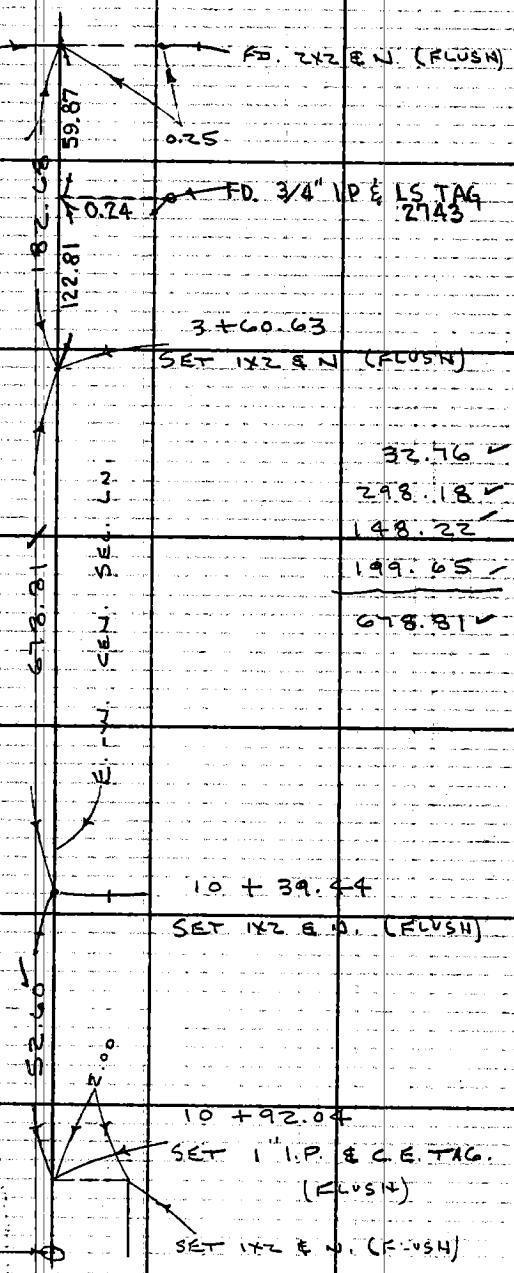
SEC. 27 T1S R17W

Notes Ck'd by W. J. BRENNER	Survey of SECTION LINE		F. B. 3101 PG. 77
Map No. B 2855	JN 0302.01	Tape 148 Std 84 °F	
Office Work G. H. FOYER	Surveyed by J.P. MENNE		
Checked W. J. BRENNER	Notes J.P.M	Date 3-6-63	
Date MAY 22 1964	Indexed J. GALLI		

TO BOTTOM OF PG. 76



T-72° : -0.01
190.50 @ 16°-27' = 182.70
190.15 @ 16°-06' = 182.69

SEC. 27
T1S
R17W

T-72° = 0
33.80 @ 14°-13' = 32.76
33.97 @ 15°-21' = 32.76

T-72° = -0.02
298.44 @ 2°-16' = 298.21
298.38 @ 2°-01' = 298.20

T-72° = -0.01
161.18 @ 23°-08' = 148.22
160.70 @ 22°-43' = 148.24

T-72° = -0.02
225.46 @ 27°-40' = 199.68
225.79 @ 27°-50' = 199.67

T-72° = 0
52.60 LEV. = 52.60

32.76
298.18
148.22
199.65
678.81

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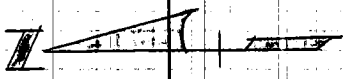
TO TOP OF PG. 78

X

TO BOTTOM OF PG 77

F.B. 3101 PG. 78



10 + 92.04
SET 1" I.P. &
C.E. TAG.
(FLUSH)

2.00

90°

SET 1X2 &
N. (FLUSH)

T-60° = -0.05
290.53 @ 19°-30 = 273.87
289.99 @ 19°-12 = 273.86

273.81

5.20 LEV. = 5.20

13 + 65.85
SET 1X2 & N.
(FLUSH)

SEC. 27
T 1 S
R 17 W

5.20

13 + 71.05
FD. 1½" I.P.
NO. PLUG

1.00

E.W. CEN. SEC. LN.

T-60° = -0.02
98.26 @ 11°-55 = 96.14
98.44 @ 12°-24 = 96.14

414.80

96.12
290.76
70.77
457.65

T-60° = -0.05
298.68 @ 13°-11 = 290.81
298.48 @ 13°-01 = 290.81

457.65

OFFSET LINE

T-64° = -0.01
72.54 @ 12°-39 = 70.78
72.59 @ 12°-48 = 70.79

0.64

17 + 80.65
FD. 1½" I.P.
WOOD PLUG &
L.S. TAG. 2572

2.00

T-60°
27.92 LEV. = 27.92

96.12
290.76
27.92
414.80

42.85

2.00

18 + 23.50
SET 1X2 & N.
(FLUSH)

18 + 23.50
SET 1" I.P. & C.E.
TAG - (FLUSH)

90°

X

TO TOP OF PG. 79

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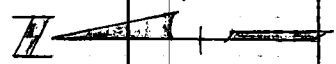
W.S.89.4-5

Notes Ck'd by W. J. BRENNER
Map No. B 2855
Office Work G. H. BOYER
Checked W. J. BRENNER
Date MAY 22 1964

Survey of SECTION LINE
JN 0302.01 Tape 148 Std 84 °F
Surveyed by J.P. MENNE
Notes J.P.M. Date 3-2-63
Indexed E. J. GALLI

F. B. 3101 PG. 79



To Bottom of Pg. 78

18+23.50
SET 1" I.P. & C.E. TAG. (FLUSH)

T-66°: -0.01
71.35 @ 24°-32 : 64.91
70.99 @ 23°-56 : 64.90

T-68°: -0.01
129.45 @ 27°-51 : 114.46
129.12 @ 27°-33 : 114.48

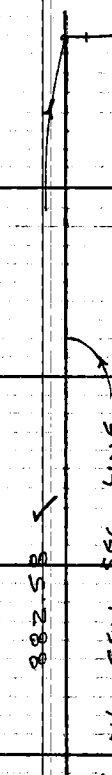
T-68°: -0.03
243.25 @ 20°-45 : 227.47
243.48 @ 20°-53 : 227.49

T-76°: -0.01
279.84 @ 16°-54 : 267.75
279.64 @ 16°-47 : 267.73

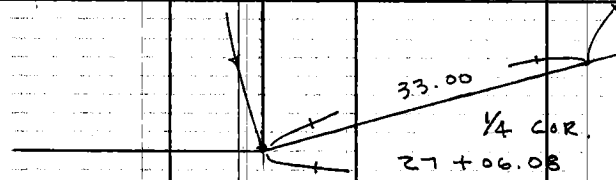
T-70°: -0.02
212.55 @ 11°-47 : 208.07
212.73 @ 12°-01 : 208.07

64.89
114.46
227.45
267.73
208.05
882.58

SEC. 27
T 1 S
R 17 W



FD. C.S.MON.
WITNESS COR
PG. 73



1/4 COR.
27+06.08
FD. NAIL & TAG (FLUSH)
F.B. 3101 Pg. 73

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76F3095 CE # 310 3-61

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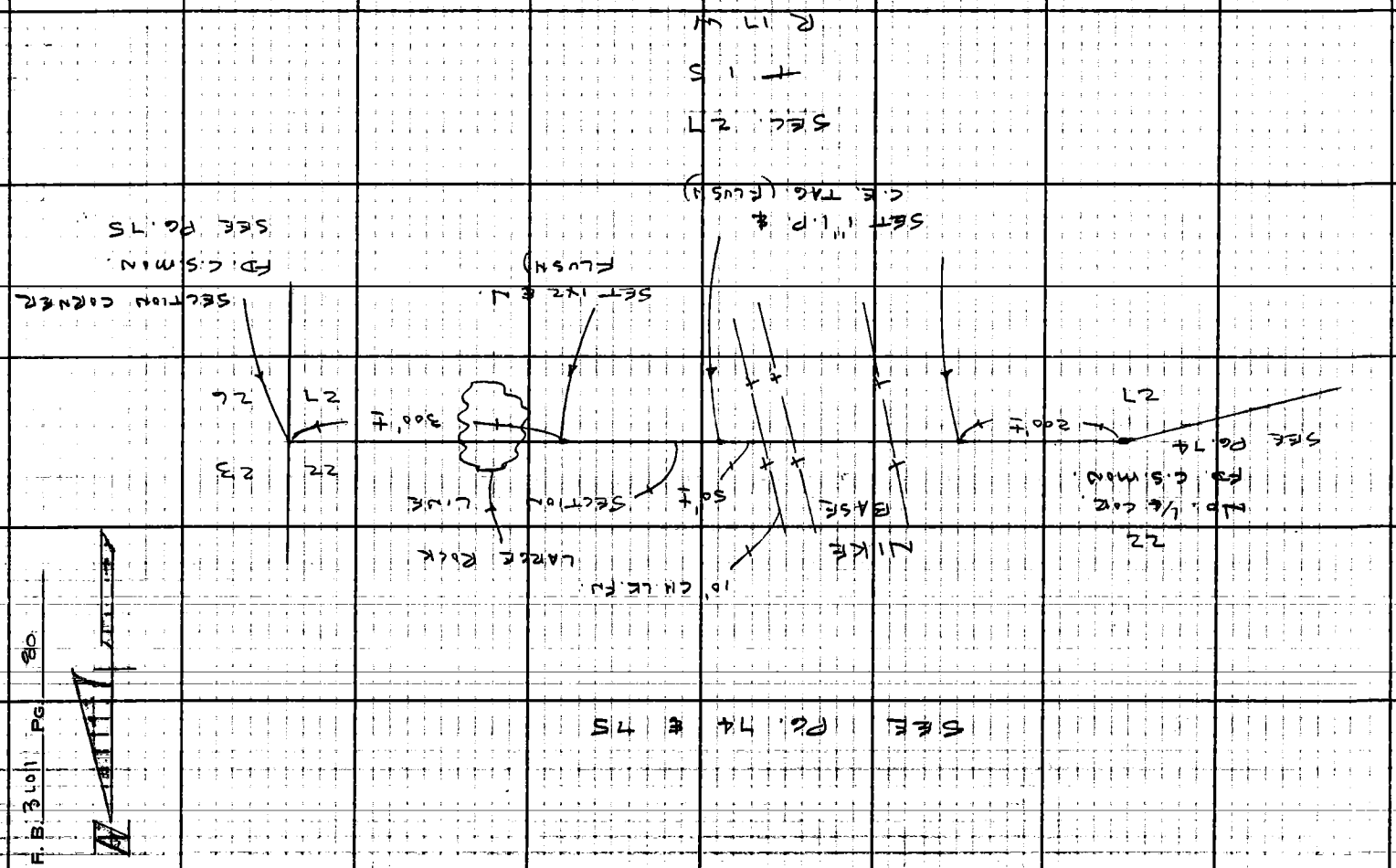
W.S. 89; A, B-4



SEC. 27 T 1 S R 17 W

Notes Ck'd by W. J. BRENNER	Survey of SECTION LINE
Map No. B 2855	JN 0302.07 Tape 148 Std 84 °F
Office Work G. H. BOYER	Surveyed by J.P. MENNE
Checked W. J. BRENNER	Notes J.P.M. Date 3-7-63
Date MAY 22 1964	Indexed R. J. GALLI

F. B. 3101 PG. 81

W.S. 89, A-4

NORTH 1/2 OF WEST LINE OF SEC. 27

T 1 S R 17 W.

2619.03

27

FD. C.S. MON. SECTION CORNER 0+00 SOUTH

PG. 73

SURVEYOR MONUMENT

21 22 28 27 T 1 S

T-70° = -0.02

249.56 @ 14-40 = 241.43

249.29 @ 14-25 = 241.44

T-64 = -0.02

134.72 @ 6°-59' = 133.72

134.88 @ 7°-31 = 133.72

241.41

133.70

375.11

SEC. 27

T 1 S

R 17 W

SEC. 28

3+75.11

A-1

SET 1X2 & N. (FLUSH)

T-64 = -0.03

248.37 @ 0-14 = 248.37

248.37 LEV. = 248.37

6+23.45

A-2

SET 1X2 & N. (FLUSH) ON SPUR

T-60° = -0.01

61.16 @ 8-19 = 60.52

61.20 @ 8-33 = 60.52

6+83.96

A-3

SET 1X2 & N. (FLUSH)

375.11

SECTION LINE

248.34

60.51

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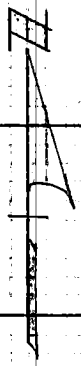
To Bottom of Pg 81

F. B. 3101 PG. 82



T-64° = -0.01
101.48 @ 22-48 = 93.55
101.82 @ 23-16 = 93.54

T-60° = -0.05
289.43 @ 6-27 = 287.60
289.29 @ 6-14 = 287.58

T-60° = -0.01
85.13 @ 4-55 = 84.82
85.24 @ 5-41 = 84.82

SEC. 28

T-64 = -0.02
186.30 @ 19°-13 = 175.92

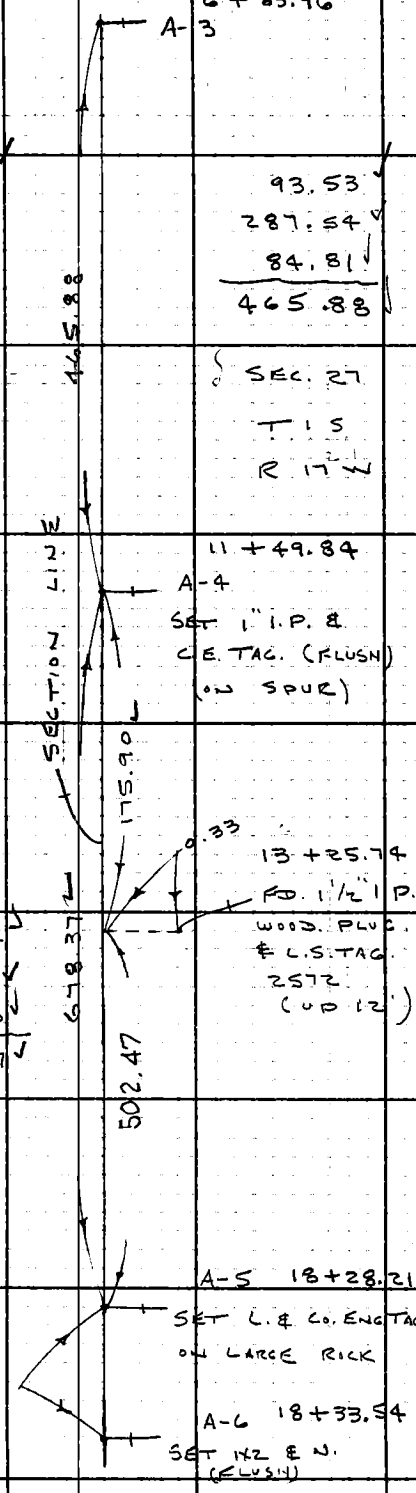
T-70° = -0.02
233.90 @ 17-21 = 223.26
233.62 @ 17-07 = 223.27

T-70 = -0.02
244.11 @ 10-06 = 240.33
244.30 @ 10-22 = 240.31

T-70° = -0.02
214.85 @ LEV. = 214.83

223.24
240.30
214.83
678.37

T-70° = 0
5.33 LEV. = 5.33



X

To Top of Pg 83

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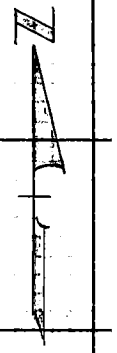
SEC. 27 T 1S R 1W

W.S. 89.4-5

Notes Ck'd by W. J. BRENNER	Survey of SECTION LINE	F. B. 3101	PG. 83
Map No. B 2855	JN 0302.01 Tape 148 Std 84 °F		
Office Work G. H. BUYER	Surveyed by J.P. MENNE		
Checked W. J. BRENNER	Notes J.P.M. Date 3-7-63		
Date MAY 29 1964	Indexed R. J. GALLI		

To Bottom of Pg. 82



18 + 33.54

A-6

T-64 = -0.03

203.51 @ 26-19 = 182.42

203.17 @ 26-07 = 182.48

182.39

T-70° = -0.01

104.00 @ 23°-16 = 95.54

104.30 @ 23°-39 = 95.54

95.53

SEC. 27

T 1S

R 1W

SEC. 28

T-66° = -0.01

99.78 @ 24°-47 = 90.59

100.00 @ 25°-02 = 90.61

90.59

80.86

154.43

210.76

814.56

T-70° = -0.01

95.46 @ 32°-06 = 80.87

96.00 @ 32°-36 = 80.88

814.56

SECTION LINE

T-62° = -0.03

182.93 @ 32°-24 = 154.45

182.61 @ 32°-14 = 154.47

T-62° = -0.03

216.88 @ 13°-37 = 210.78

217.00 @ 13°-44 = 210.80

26 + 48.10

1/4 CORNER

FD. 1½ & N. (FLUSH)

Pg. 73

882.58

E-W. CEN. SEC. LN.

TO 1" I.P. & C.E.TAG

PG. 79

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7 CF 3095 CE # 910 3-61

W.S. 89A-5

Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA
Map No. B 2855	JN 0302.01 Tape 127 Std 84 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 1-6-63
Date MAY 2 3 1964	Indexed R. J. GALLI MAR 25 63

F. B. 310 Pg. 85

TO BOT. Pg. 86

T = 66°
56.11 @ 08°08' = 55.54
56.23 @ 08°55' = 55.54

3+28.28
SET 1X2 N.

55.54 LINE

TO BOT. LT. Pg. 111

RAMBLA PACIFICO ROAD

1/4 Sec. Line Int.
Replaced with 1" I.P., Conc. Plug & C.E. Tag, Dn. 1.0. Set B.L. spk. N.T. Flush & Two 3.00' B.L. (SPK & T. Tks 4/11/63) RCB

2+45.64 (EAST)
SET B.S. W.I. 4T. FL. ON E RAMBLA PACIFICO REC. DIST. E. OF "Z" I.P. CTR. SEC. 27 PER E-16-220

50°22'20" PER E-16-220

(60) 154.56

50°45'30" CALC

84.41 (m)

154.95 (R+m)

SE 1/4 SEC. 27

Set L.H. TAG CONC. GUT.

Bk. 08

13.06

SEC. 1/4

11.11 (C+m)

14.3

℄ LINE

T = 68°
187.31 @ 15°37' = 84.00
187.55 @ 16°10' = 84.00

34+07.69 T.P.O.T.
SET SQ. HD. 4T. REC. & DIST. FR. S.E. PER E-16-220-223 S.D.F.M. 106-59

SEC. 27 R. 17 W. 27

27.43

1.44

Set SQ. HD. BY INT.

1.18

33.38

0.53

Set N4T P.P. #19107

(1) 50-20-40
(4) 201-22-40
(6) 302-04-10
50-20-41 2/3

23.45

T. 15° 109

Set B.S. W.I. 4T.

NE 1/4

(1) 109-27-
(2) 218-54-
= 109-27-

50°20'42" (R)

197.87

T = 68°
204.60 @ 14°43' = 197.87
204.32 @ 14°25' = 197.87
23.45 level = 23.45
11.11 " = 11.11

FROM TOP Pg. 76

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76E3095 C.E. #310 0.02

F. B. 3101 PG. 86

TO BOT. PG. 87

W.S. 89, A-5

T = 64°
199.97 @ 10°28' = 196.61
200.15 @ 10° 43' = 196.63
AV. = 196.62

SE. 1/4 SEC. 27

196.62 LINE

6+50.74
SET A 1" I.P.P. & TAG.
FLUSH = PT. OF BEG.
OF D-76-30
PER S.D. F.M. 106-59

SEE PG. 127
63.62

0.42
1.98
0.96
0.44
2.28

FD. 2" I.P. NO PLUG
USED CTR.

FD. 2" I.P. WOOD PLUG
& N. F.B. 3101-11
RD. F.B. FX 434-2

SET 1X2 & N.

N.E. 1/4 SEC 27
T.1S. R.17W.

263.26 SEC.

T = 64°
268.37 @ 11°10' = 263.26
268.14 @ 10°55' = 263.26

1/4

3+83.82
SET 1" I.P. PLUG & TAG.
UP 1" ON SPUR.

55.54

T = 66°
56.11 @ 08°08' = 55.54
56.23 @ 08°55' = 55.54

FROM TOP PG. 85

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Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA	F. B. 3101 Pg. 87
Map No. B-2855	JN 0302.01 Tape 127 Std B4 °F	
Office Work G. H. BOYER	Surveyed by W. D. BAY	
Checked W. J. BRENNER	Notes BAY Date 3-6-63	
Date MAY 22 1964	Indexed R. J. GALLI	

TO DOT. Pg. 88

T=64°
129.93 @ 10°19' = 127.81
180.14 @ 10°49' = 127.81

127.81

13+76.48
SET 1x2 + N.

S.E. 1/4 SEC. 27

T=64°
137.16 @ 10°10' = 134.99
136.96 @ 09°41' = 134.99

134.99

SET 1x2 + N.

99.90

T=64°
99.91 level = 99.90

SET 1x2 + N.

297.89

T=64°
297.93 level = 297.89

8+43.70
SET 1x2 + N.

196.62

T=64°
199.97 @ 10°28' = 196.61
200.15 @ 10°43' = 196.63
Av. = 196.62

FROM TOP Pg. 87

N.E. 1/4 SEC. 27
T. 1 S. R. 17 W.

1/4 SEC.

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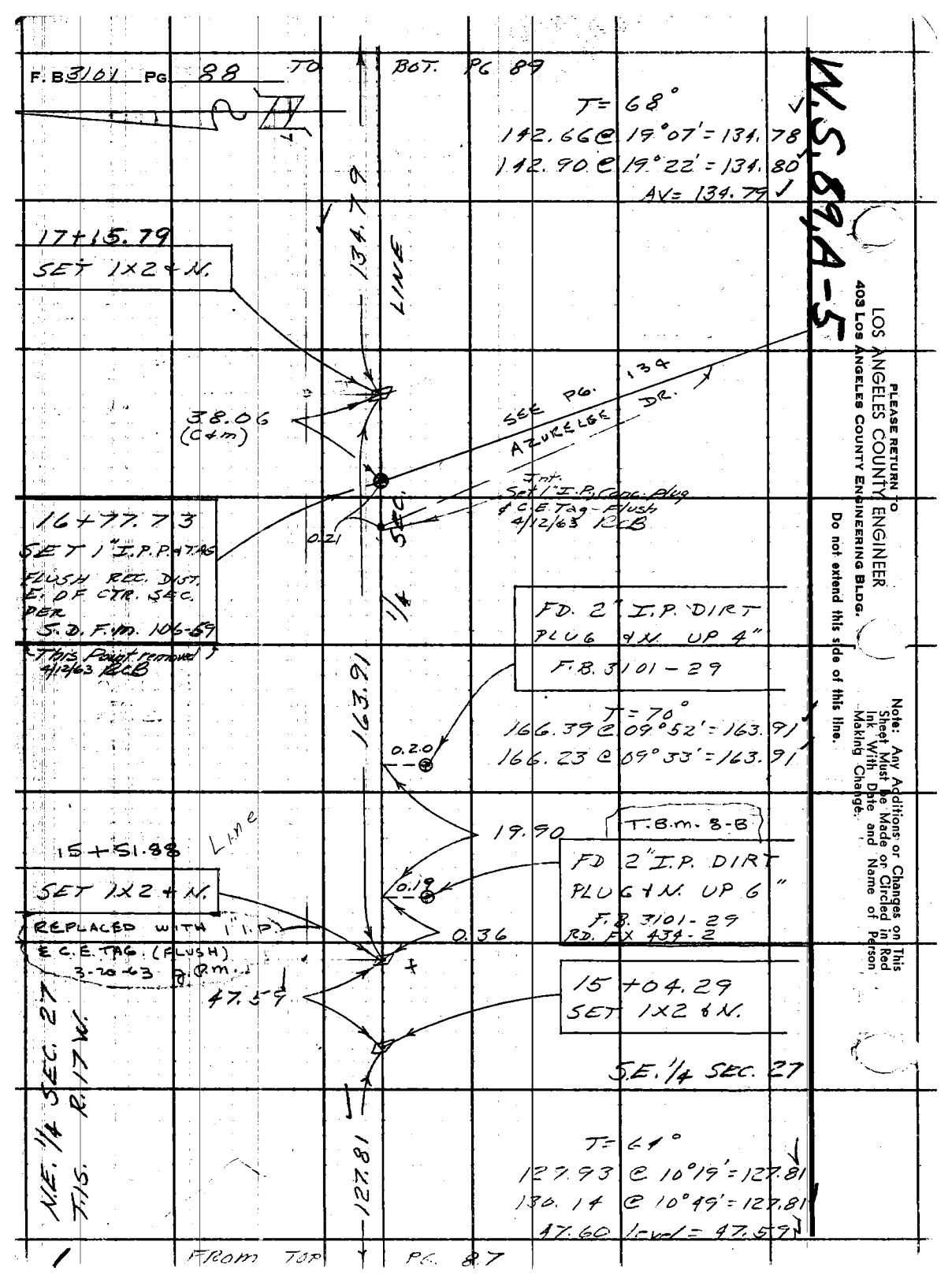
76F309S CE #310 9-62



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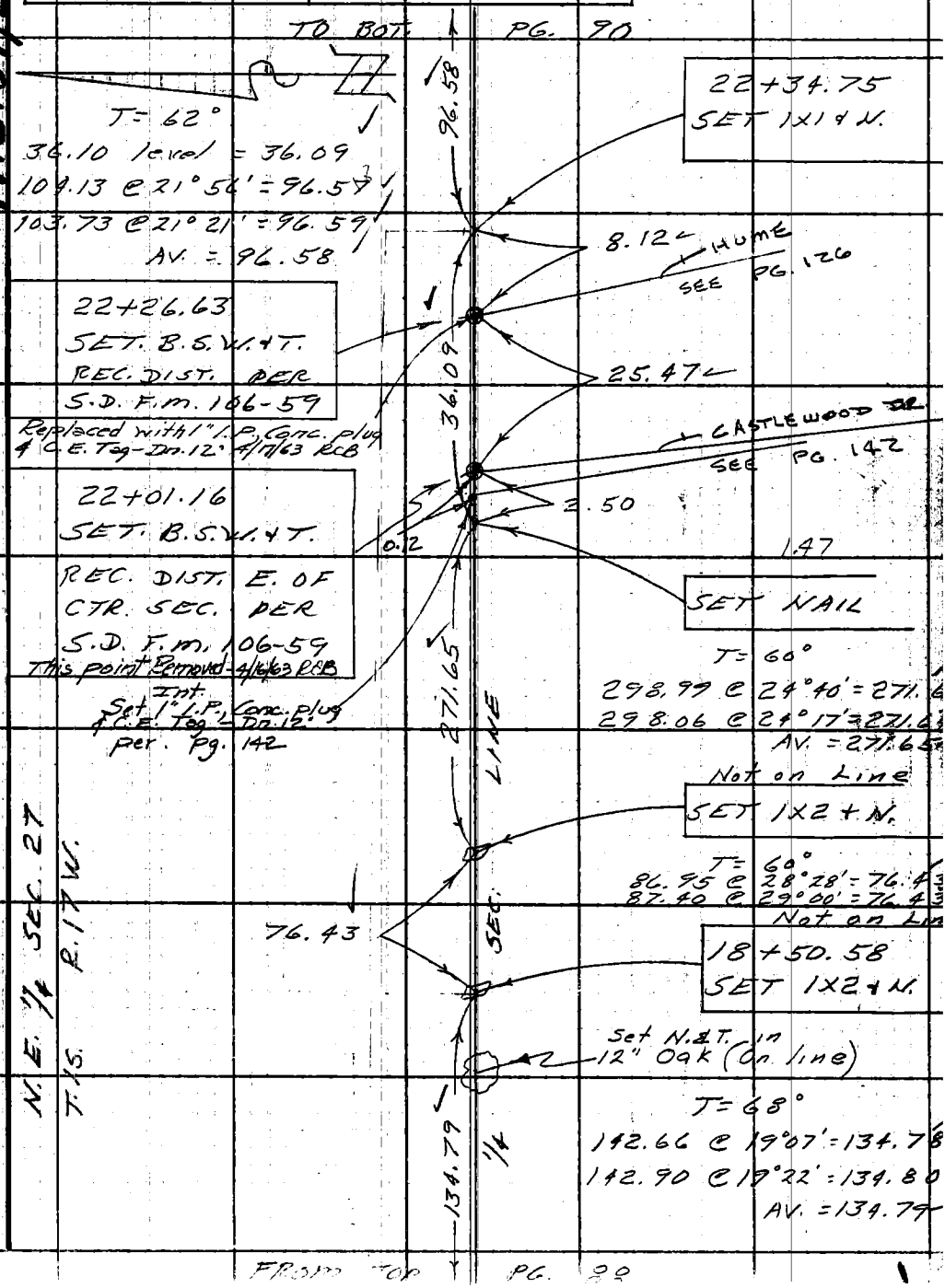
W.S. 89, B-5

Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA	F. B. 3101 PG. 89
Map No. B-2855	JN 0302.01 Tape 127 Std 84 °F	S.E. 1/4 SEC. 27
Office Work G. H. BOYER	Surveyed by W. D. DAY	
Checked W. J. BRENNER	Notes BAY Date 3-6-'63	
Date MAY 22 1964	Indexed R. J. GALLI	



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76F309S CE #310 6-62

TO 1/4 COR. 26+39.70

F. B. 3101 PG. 90

PG. 75

T = 64°
46.07 @ 26°06' = 41.37
45.69 @ 25°03' = 41.37

41.37

FD. 1½" I. P.
WOOD PLUG + N.
F.B. 3101-32

0.90

25+98.53
SET 1X2 + N.

T = 62°
271.98 @ 13°37' = 267.21
275.19 @ 13°49' = 267.19
AV. = 267.20

S.E. 1/4 SEC. 27

267.20

E 1/4

SEC.

23+31.33
SET 1X2 + N.

N.E. 1/4 SEC. 27
T. 3 S. R. 17 W.

96.58

1/4

T = 62°
104.13 @ 21°56' = 96.58
103.73 @ 21°21' = 96.59
AV = 96.58

X

FROM TOP PG. 87

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W.S. 89, B-5

Notes Ck'd by W. J. BRENNER		Survey of HUME RD. AREA	F. B. 3101 Pg. 91
Map No. B 2856		JN 0302.01 Tape 120 Std 84 °F	
Office Work G. H. BOYER		Surveyed by W. J. BAY	
Checked W. J. BRENNER		Notes BAY Date 2-28-63	
Date MAY 22 1964		Indexed E. J. GALLI	

"0+00 GOING WEST TO A STD. C.S. MON. DN. 12" MARKED AS SHOWN PER.

F.B. 246-103
C.S.B. 126-1

COUNTY SURVEYORS MONUMENT T1S R17W SEC. 26 T.M. 2

NOTHING SET

0.09

T = 78°
79.80 @ 04°29' = 79.29
79.68 @ 05°47' = 79.27
AV. = 79.28
12.49 (cvd) = 12.49
6.23 " = 6.23

RANCHO TOPANGA MALIBU SEQUIT

79.28

RANCHO LINE

SEC. 26 T.1S. R.17W.

0.08

0+79.28
FD. B.S.W. I.T. FL. PER F.B.

LAS FLORES CANYON ROAD

12.49

0+91.77
FD. B.S.W. I.T. FL. PER F.B. 2336-116

6.23

S-T No. 1

0.08

233.44

T = 82°
285.14 @ 35°03' = 233.43
284.60 @ 34°53' = 233.45
AV. = 233.44

TO TOP PG 92

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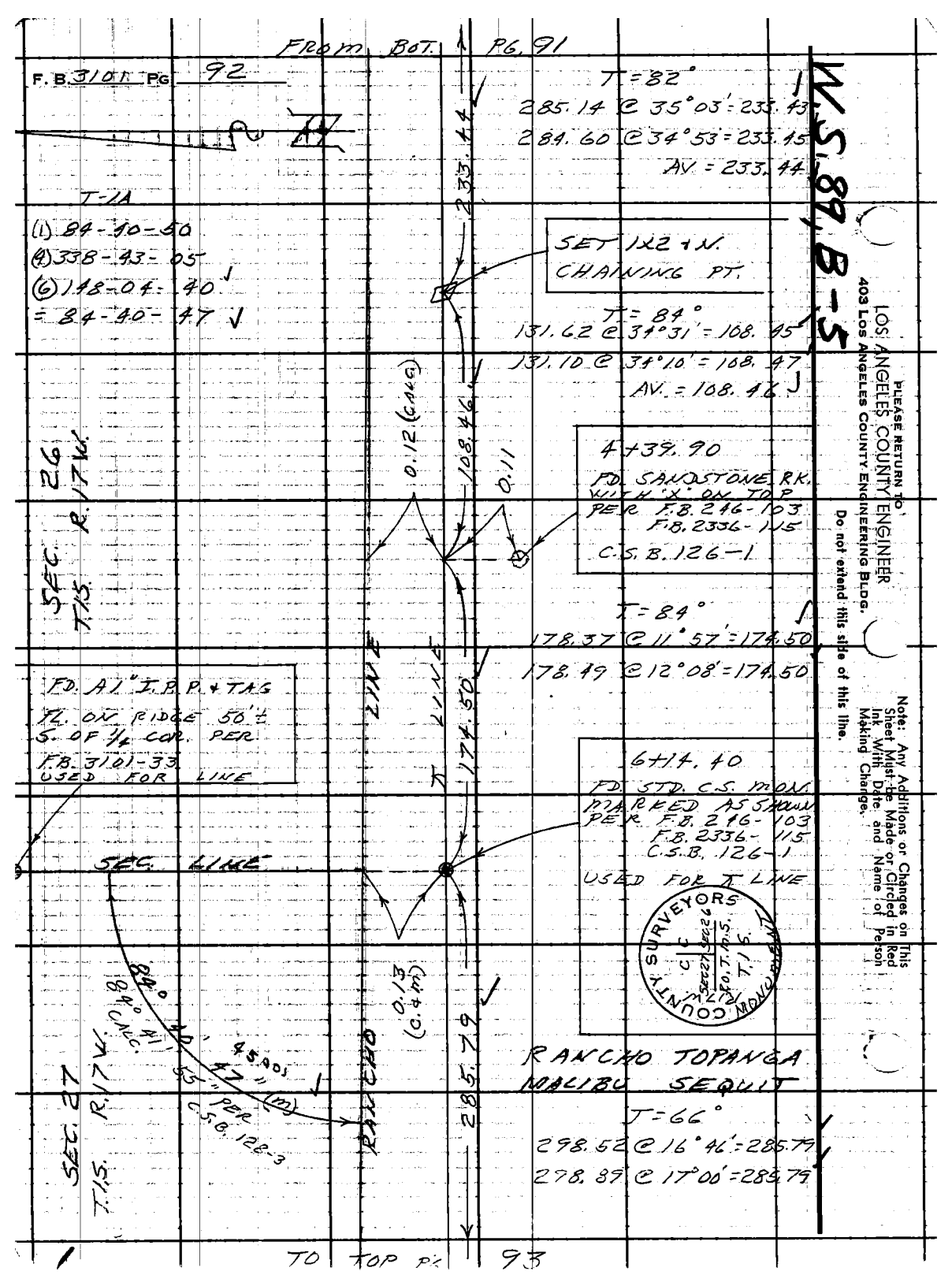
76F3095 CE #310 6-62



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Notes Ck'd by W. J. BRENNER | Survey of HUME RD. AREA | F.B. 3101 PG. 93
Map No. B-2855 | JN 0302.01 Tape 120 Std 81.4 °F
Office Work G. H. BOYER | Surveyed by W. D. BAY
Checked W. J. BRENNER | Notes BAY Date 2-21-63
Date MAY 22 1964 | Indexed J. GALLI

FROM BOT. PG. 92

T = 66°
298.52 @ 16°46' = 285.79
298.89 @ 17°00' = 285.79

RANCHO TOPANGA
MALIBU SEQUIT

285.79

SEC. 27
T.1S. R.17W.

9+00.19
SET 1X2+N.

T = 68°
297.89 @ 15°10' = 287.48
298.05 @ 15°16' = 287.50
AV. = 287.49

0.14 (CALC.)

287.49

SET 1X2+N.

T = 66°
56.02 @ 26°21' = 50.19
50.19
55.68 @ 25°37' = 50.19

SET 1X2+N.

T = 60°
215.02 @ 19°42' = 202.40
215.28 @ 19°53' = 202.42
AV. = 202.41

202.41

14+40.28
SET 1X2+N.

T = 60°
291.96 @ 18°25' = 276.97
292.25 @ 18°36' = 276.95
AV. = 276.96

0.18 CALC.

276.96

TO TOP PG. 94

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76F3095 C.E. #310 6-62

FROM BOT. PG. 93

F.B. 3101 PG. 94

T = 60°
291.96 @ 18°25' = 276.97
292.25 @ 18°36' = 276.95
AV. = 276.96

SEC. 27
T/S. R.17W.

T LINE

276.96

0.08 (CALC.)

T = 62°
79.55 @ 05°17' = 79.20
79.44 @ 04°19' = 79.20

17+10.28
FD. SANDSTONE ROCK
"RCO" ON N. "TM2" ON S.
"X" ON TOP
PER F.B. 246-103
C.S.B. 126-1
DN. 12" IN FILL

6.96

0.11

SET 1X2 + N
WIGGLE PT.

79.20

SET 1X2 + N.

T = 68°
246.52 @ 04°55' = 245.58
246.33 @ 04°19' = 245.60
AV. = 245.59

138.32 @ 02°38' = 138.15
138.25 @ 01°57' = 138.15

RANCHO LINE

RANCHO TOPANGA
MALIBU SEQUIT

0.21 CALC.

245.59

0.06 (R+m.)

20+42.03
FD. SANSTONE
ROCK WITH "X"
ON TOP, "RCO" ON N.
"T.M.2" ON S.
USED AS 0.06 S.
OF LINE PER
F.B. 246-103
C.S.B. 126-1

138.15

X

TO TOP PG. 95

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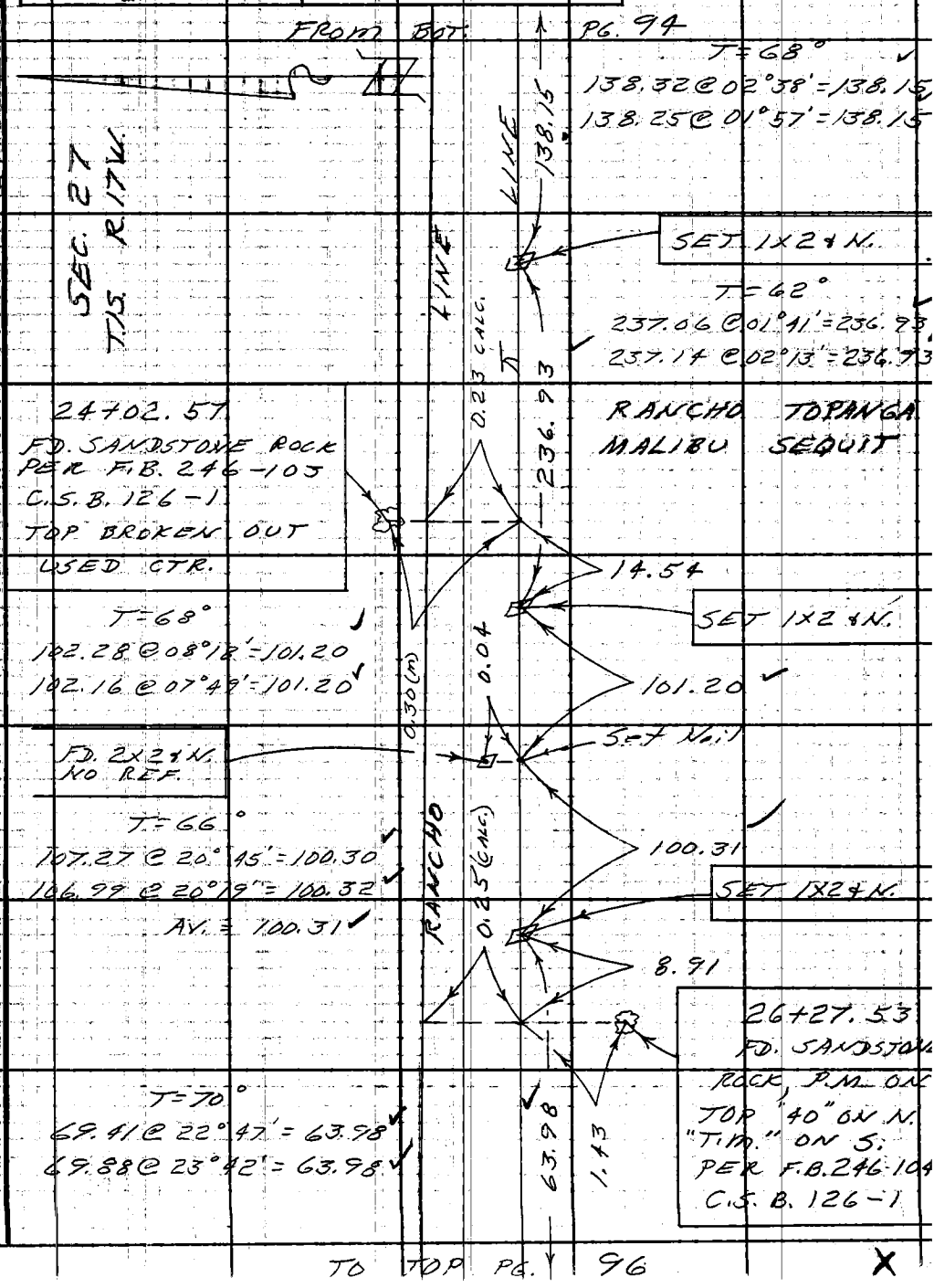
Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA	F. B. 3101 PG. 95
Map No. B 2855	JN 0302.01 Tape 120 Std 84 °F	
Office Work G. H. BOYER	Surveyed by W. D. BAY	
Checked W. J. BRENNER	Notes BAY Date 2-26-63	
Date MAY 22 1964	Indexed G. J. GALLI	



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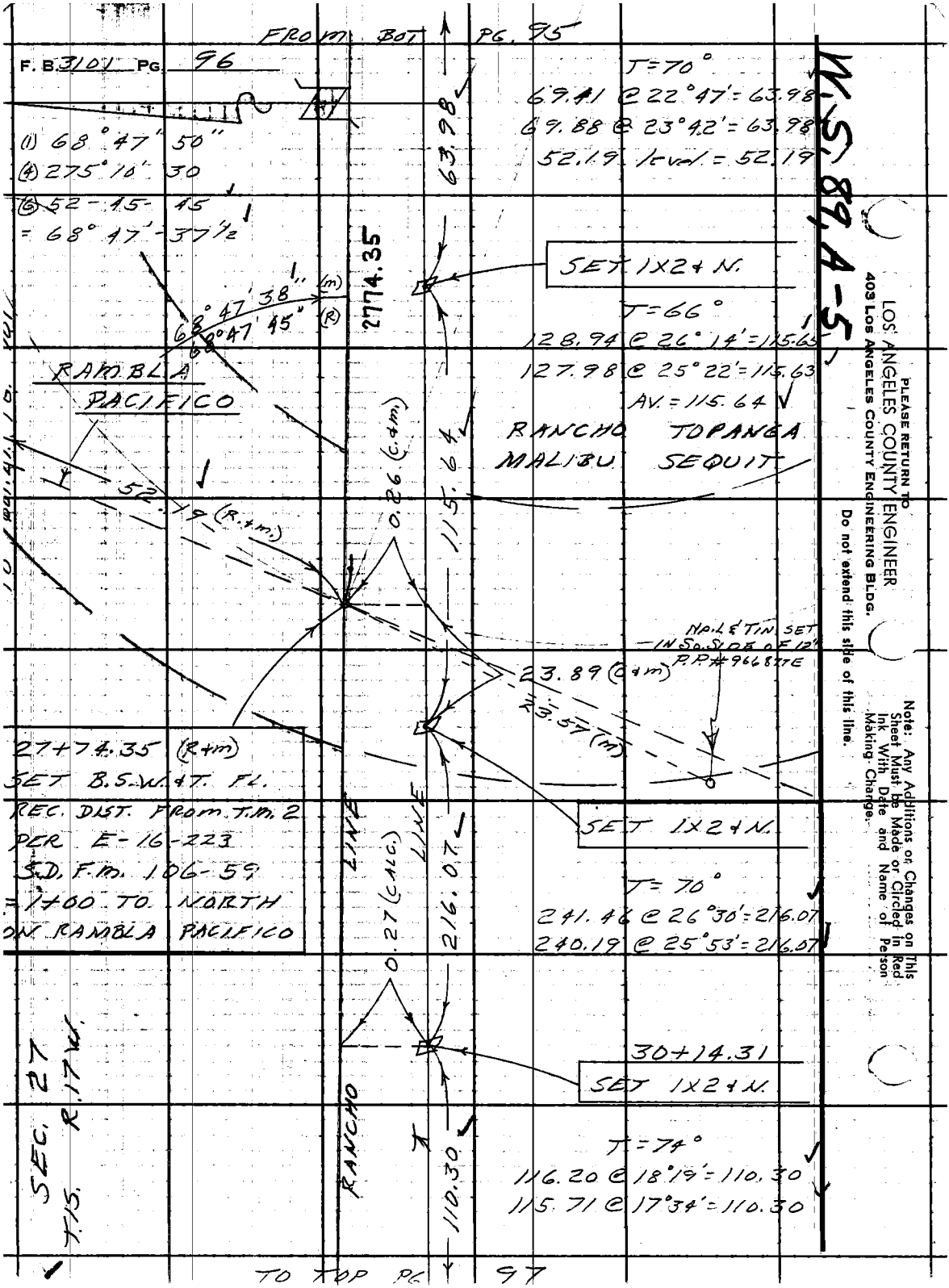
76F309S CE #310 6-62


FROM BOT PG. 95
F. B. 3101 PG. 96
(1) 68° 47' 50"
(4) 275° 10' 30
(6) 52 - 45 - 45
= 68° 47' - 37½
T = 70°
69.41 @ 22° 47' = 63.98
69.88 @ 23° 42' = 63.98
52.19 level = 52.19
63.98
2774.35
68° 47' 38" (m)
68° 47' 45" (R)
SET 1X2 + N.
T = 66°
128.94 @ 26° 14' = 115.65
127.98 @ 25° 22' = 115.63
AV. = 115.64
RAMBLA PACIFICO
RANCHO TOPANGA MALIBU SEQUIT
52.19 (R.+m.)
0.26 (C.+m.)
115.64
NAIL & TIN SET IN SO. SIDE OF 12" P.P. #966877E
23.89 (C+m)
23.57 (m)
27+74.35 (R+m)
SET B.S.W. & T. FL.
REC. DIST. FROM T.M. 2
PER E-16-223
S.D. F.M. 106-59
= 1+00 TO NORTH
ON RAMBLA PACIFICO
SET 1X2 + N.
T = 70°
241.46 @ 26° 30' = 216.07
240.19 @ 25° 53' = 216.07
0.27 (CALC.)
216.07
30+14.31
SET 1X2 + N.
T = 74°
116.20 @ 18° 19' = 110.30
115.71 @ 17° 34' = 110.30
110.30
RANCHO LINE
SEC. 27
T.1S. R.17W.
TO TOP PG. 97
W.S. 89, A-5
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Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA	F. B. 3101	PG. 97
Map No. B-2855	JN 0302.01 Tape 120 Std 64 °F		
Office Work G. H. BOYER	Surveyed by W. D. BAY		
Checked W. J. BRENNER	Notes BAY Date 2-27-63		
Date MAY 22 1964	Indexed S. J. GALLI		

FROM BOT. PG. 96

SEC. 27
T.1S. R.17 W.

T = 74°
116.20 @ 18°19' = 110.30 ✓
115.71 @ 17°34' = 110.30

110.30

0.28 (CALC.)

31+24.61
SET 1X2 + N.

T = 72°
275.67 @ 13°16' = 287.76 ✓
275.33 @ 13°00' = 287.75 ✓
AV. = 287.75
33.79 REM = 33.79 ✓
RANCHO TOPANGA MALIBU SEQUIT

287.75

L LINE

SET 1X2 + N.

33.79 ✓

T LINE

RANCHO

SET 1X2 + N.

T = 74°
15.80 @ 20°27' = 42.90 ✓
15.30 @ 18°44' = 42.90

T = 72°
79.70 @ 29°30' = 69.36 ✓
79.02 @ 28°37' = 69.36 ✓

42.90 ✓

SET 1X2 + N.

0.30 (CALC.)

69.36 ✓

35+58.41
SET 1X2 + N.

T = 78°
211.83 @ 32°51'40" = 177.92 ✓
212.15 @ 33°00'00" = 177.92

177.92 ✓

TO TOP PG. 98

X

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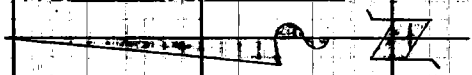
76F 309S C.E. #3 10 6-62

FROM BOT. PG. 97

F. B 3101 PG. 98



T = 78°
211.83 @ 32°51'40" = 177.92
212.15 @ 33°00' = 177.92

0.31 (CALC.)
177.92

37+36.33
SET 1X2 & N

T = 84°
299.18 @ 01°25' = 299.09
299.14 @ 01°12' = 299.07
AV. = 299.08
21.56 level = 21.56

LINE
299.08

RANCHO
TOPANGA
MALIBU
SEQUIT

LINE
LINE

SET 1X2 & N.

21.56

SEC. 27
T.1S. R.17W.

SEC.
RANCHO

SET 1X2 & N.

T = 88°
182.73 @ 12°13' = 178.59
182.44 @ 11°48' = 178.59

0.34 (CALC.)
178.59

42+35.56
SET 1X2 & N.

T = 80°
252.31 @ 10°47' = 247.84
252.49 @ 11°00' = 247.84

247.84

X

TO TOP PG. 99

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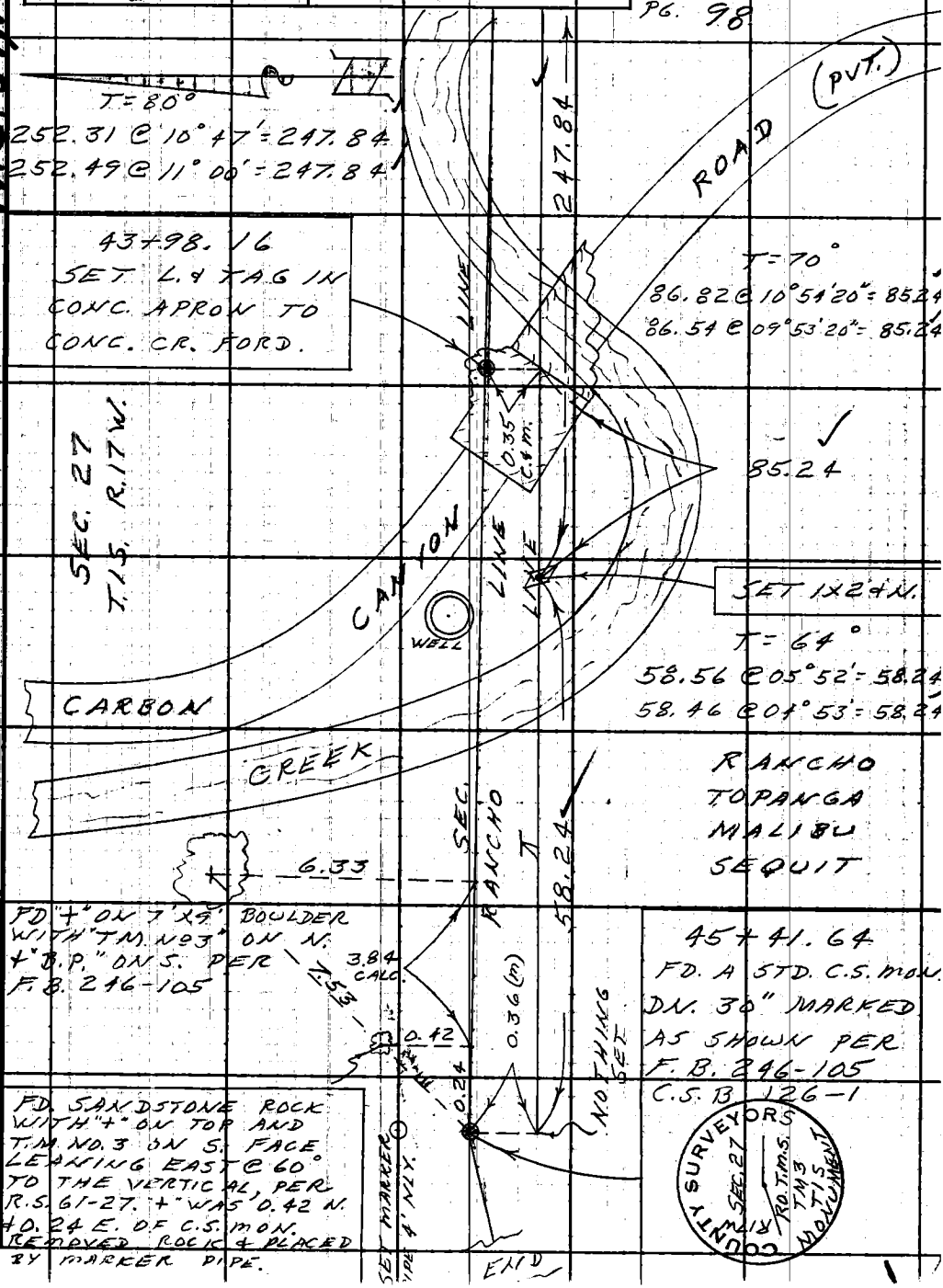
W.S. 89.A-5

Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA	F. B. 3101	PG. 99
Map No. B-2855	JN 030201 Tape 127 Std 84 °F		
Office Work G. H. BOYER	Surveyed by W. D. BAY		
Checked W. J. BRENNER	Notes BAY Date 3-1-63		
Date MAY 22 1964	Indexed C. J. GALLI		

FROM BOT. PG. 98



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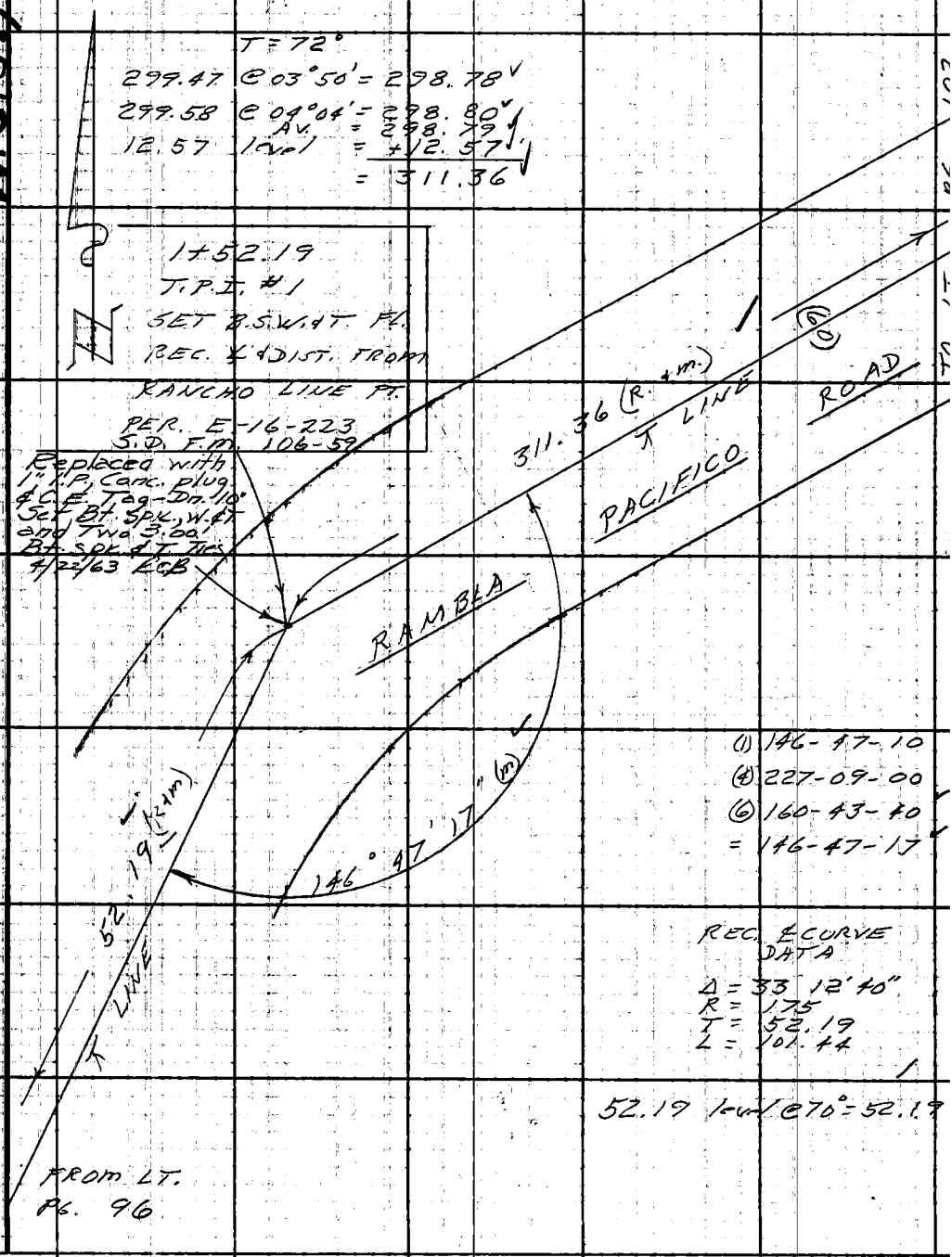
76F309S CE #310 6-62

W.S. 89, A-5

Notes Ck'd by W. J. BRENNER	Survey of HUME ROAD AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 84 °F
Office Work G. H. BUYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-1-'63
Date MAY 22 1964	Indexed G. J. GALLI MAR 2 5 '63

F. B. 3101 PG. 101



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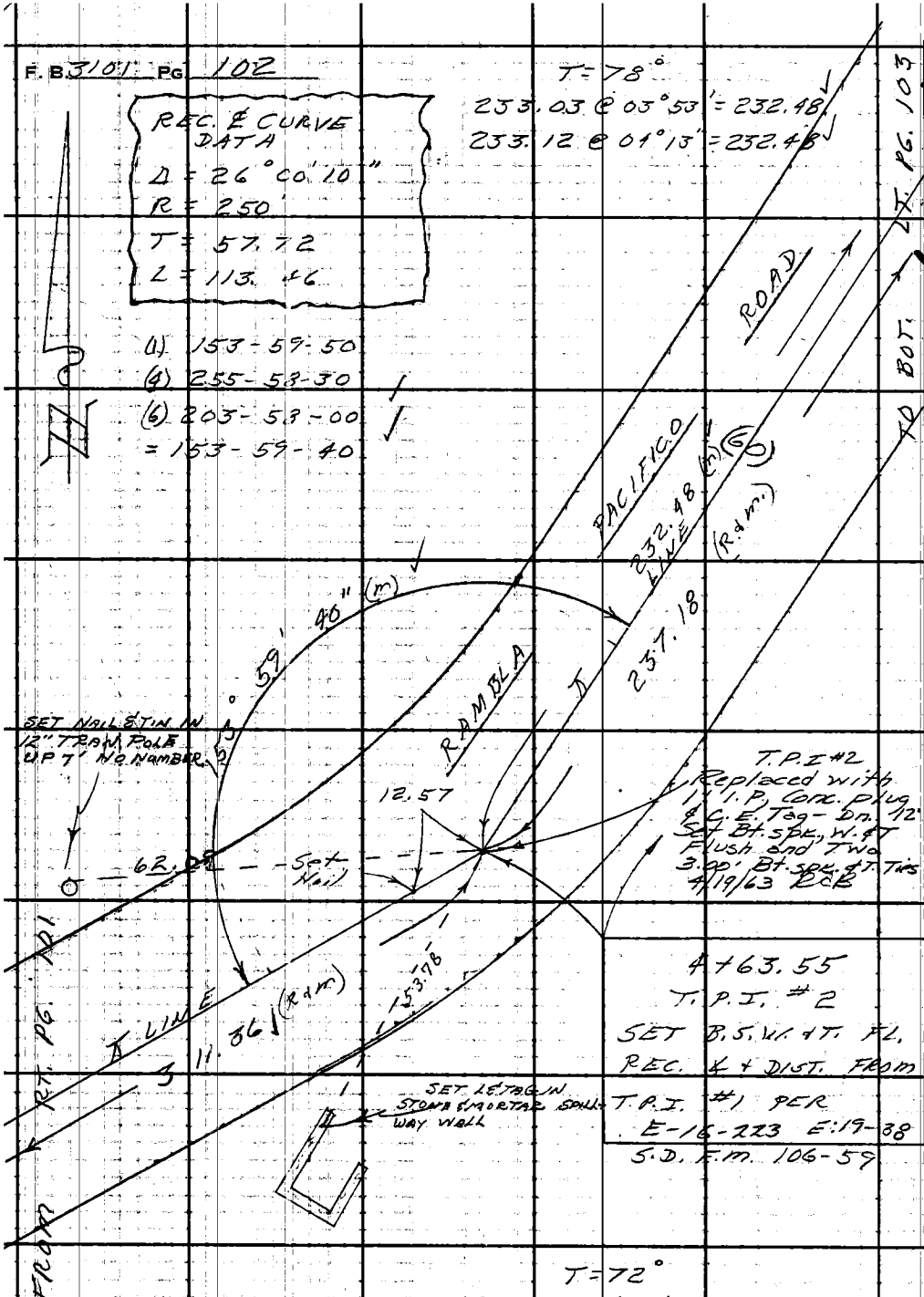
76F309S CE #310 6-62

F. B. 3101 PG. 102

REC. ℄ CURVE DATA
Δ = 26° 00' 10"
R = 250'
T = 57.72
L = 113.46

(1) 153-59-50
(4) 255-58-30
(6) 203-58-00
= 153-59-40

T = 78°
233.03 @ 03° 53' = 232.48
233.12 @ 04° 13' = 232.48



4+63.55
T.P.I. #2
SET B.S. W. & T. FL.
REC. ℄ + DIST. FROM
T.P.I. #1 PER
E-16-223 E:19-38
S.D. F.M. 106-59

T = 72°
299.47 @ 03° 50' = 298.78
299.58 @ 04° 04' = 298.80
AV. = 298.79
12.57 level = +12.57
311.36

W.S. 89, A-5

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Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 84 °F
Office Work G. H. [illegible]	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-1-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 310 1 PG. 103

W.S. 89, A-5

T = 80°
206.16 @ 02°42' = 205.92
206.28 @ 03°21' = 205.92
4.70 level = 4.70

7+00.73
T.P.I. #3
SET 1X2 & N. FL.
REC. ℄ + DIST. FROM
T.P.I. #2 PER
E-16-223
E:19-38
S.D.F.M. 106-59
T.P.I. #3
Replaced with 1" I.P.
Conc. plug & C.E. Tag-hole
Set Bt. Spk. W.&T. Flush
and Two 3.00' Bt. Spk. Ties 4/19/63 RCB

SET N. & TIN IN W. SIDE OF 12" P.P. UP 1' NO NUMBER

ROAD
209.02 (R&M)
205.92 (M)
22.16
4.70 (C&M)
SET Nail
64.21
SET L & TAG IN SO. END OF STONE & MORTAR HD. WALL
PACIFICO
145° 44' 17" (M)
(R&M)
(60)
237.18
232.48 (M)
RAMBLA
LINE
TO LT. PG. 104

(1) 145-44-20
(4) 222-57-00
(6) 154-25-40
= 145-44-16 2/3

REC. ℄ CURVE DATA
Δ = 34-15-40
R = 300'
T = 92.47
L = 179.39

FROM TOP RT.
PG. 102

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

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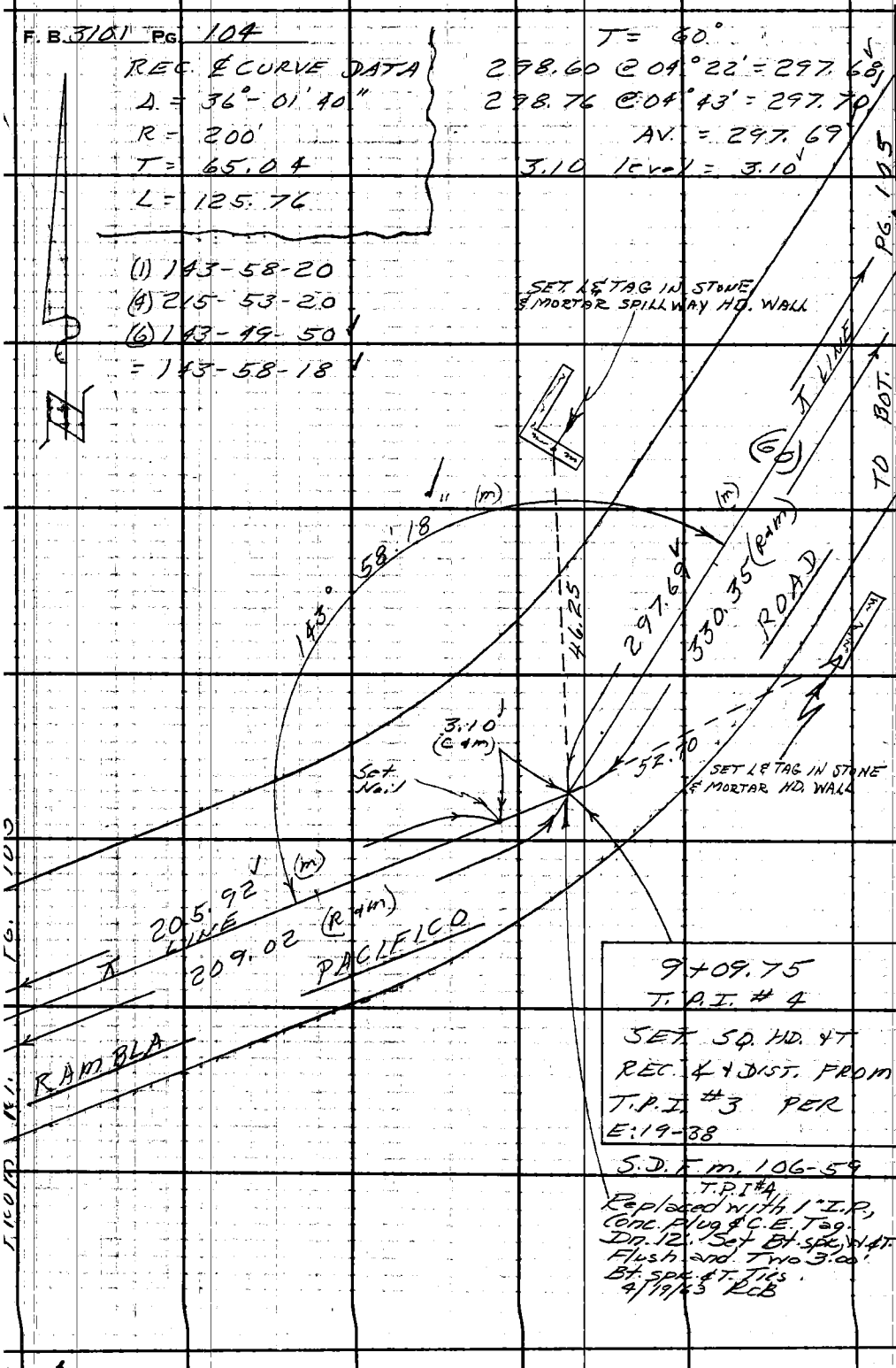
76F3095 CE #310 6-62

F. B. 3101 PG. 104

REC. ℄ CURVE DATA
Δ = 36° - 01' 40"
R = 200'
T = 65.04
L = 125.76

(1) 143-58-20
(4) 215-53-20
(6) 143-49-50
= 143-58-18

T = 60°
298.60 @ 04° 22' = 297.68
298.76 @ 04° 43' = 297.70
AV. = 297.69
3.10 level = 3.10



N.S. 89.4-5

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Notes Ck'd W. J. BRENNER	Survey of HUME RD. AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 84 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-4-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 105

W.S. 89A-5

REC. ℄ CURVE DATA
Δ = 20° 26' 10"
R = 500'
T = 90.13
L = 178.34

T = 66°
228.09 @ 02° 53' = 227.77
228.21 @ 03° 25' = 227.77
32.66 level = 32.66

SET N & TIN IN E. SIDE OF 12" P.P. # 25362Y

12 + 40.10
T.P.I. #5
SET SQ. HD. & T. FL.
REC. ℄ & DIST. FROM
T.P.I. #4 PER
E: 19-38

S.D. F.M. 106-59
T.P.I. #5
Replaced with
1" I.P., Conc. plug
& C.E. Tag-Dn. 12"
Set Bt. Spk., W.&T.
Flush and Two
3.00' Bt. Spk. & T.
Ties 4/18/63

ROAD
227.77 (m)
T LINE
TO BOT LT. PG. 106
30.63
32.66 (c&m)
SET NAIL
PACIFICO
(R&m)
159° 33' 55" (m)
RAMBLA
330.35
297.69 (m)
T LINE

(1) 159-34-00
(4) 278-15-40
(6) 237-23-30
= 159-33-55

FROM RT. PG. 104

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

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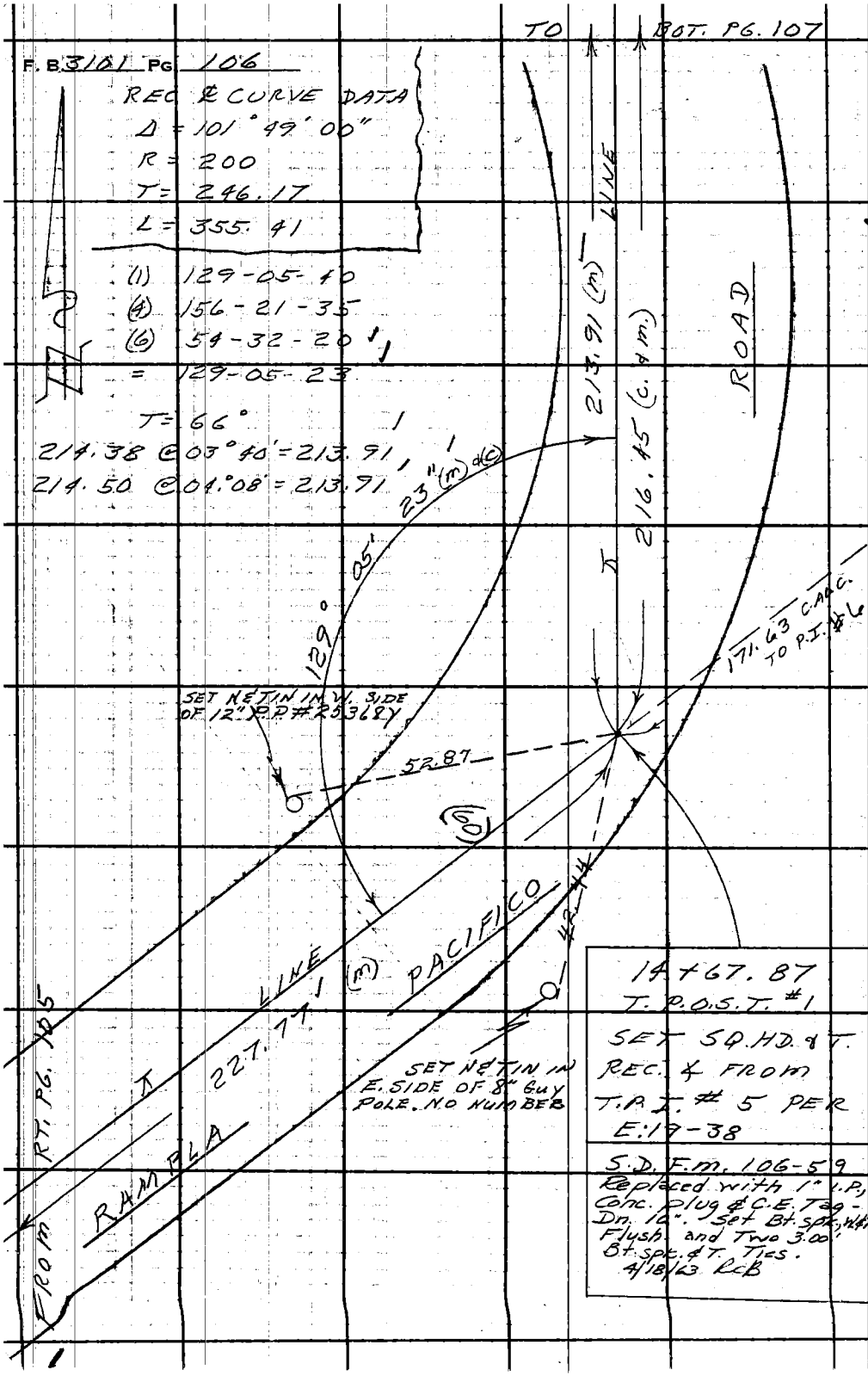
76F309S CE #310 6-62

F. B 3101 PG 106

REC ℄ CURVE DATA
Δ = 101° 49' 00"
R = 200
T = 246.17
L = 355.41

(1) 129-05-40
(4) 156-21-35
(6) 54-32-20
= 129-05-23

T = 66°
214.38 @ 03° 40' = 213.91
214.50 @ 04° 08' = 213.91



14+67.87
T.P.O.S.T. #1
SET SQ. HD. & T.
REC. ∡ FROM
T.P.I. # 5 PER
E:19-38

S.D.F.m. 106-59
Replaced with 1" I.P., Conc. plug & C.E. Tag - Dn. 16". Set Bt. spk., W&T. Flush. and Two 3.00' Bt. spk. & T. Ties.
4/18/63 RCB

W.S. 89, A-5

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Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 84 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-4-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 107

W.S. 87A-5

REC. ℄ CURVE DATA
Δ = 101° 49' 00"
R = 200'
T = 246.17
L = 355.41

(1) 129-05-30
(4) 156-22-15
(6) 54-33-25 ✓
= 129-05-34 ✓

PG. 108

RAMBLA PACIFICO

π LINE

TO BOT. RT.

270.62 (c&m)
264.58 (m)

16+84.32
T.P.O.S.T. #2
SET SQ. HD. & T. R
CALC. ∡ & DIST. FROM
T.P.O.S.T. #1 PER
E: 16-220-223
E: 19-38

S.D. F.M. 106-59
Replaced with 1" I.P.
Conc. plug & C.E. Tag-Dom
Set Bt. spc. w/ ET. Flush
4/18/63 RCB

SET L & TAG IN SIDE OF STONE & MORTAR RETAIN WALL

LAMPLIGHTER LANE

SET N & TIN IN S. SIDE OF 12" P.P. NO NUMBER

44.85

15.23

SET N & TIN IN S. SIDE OF 12" P.P. NO NUMBER

2.54 ✓ c&m

Set Nail

129° 05' 34" (m) ✓

171.63 CALC. TO PT. #6

HUME ROAD

T = 70°
2.54 level = 2.54 ✓
265.54 @ 04°50' = 264.57 ✓
265.39 @ 04°24' = 264.59 ✓
AV. = 264.58 ✓

213.91 (m) ✓

216.45 (c&m)

π LINE

ROAD

(60)

FROM TOP PG. 106

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

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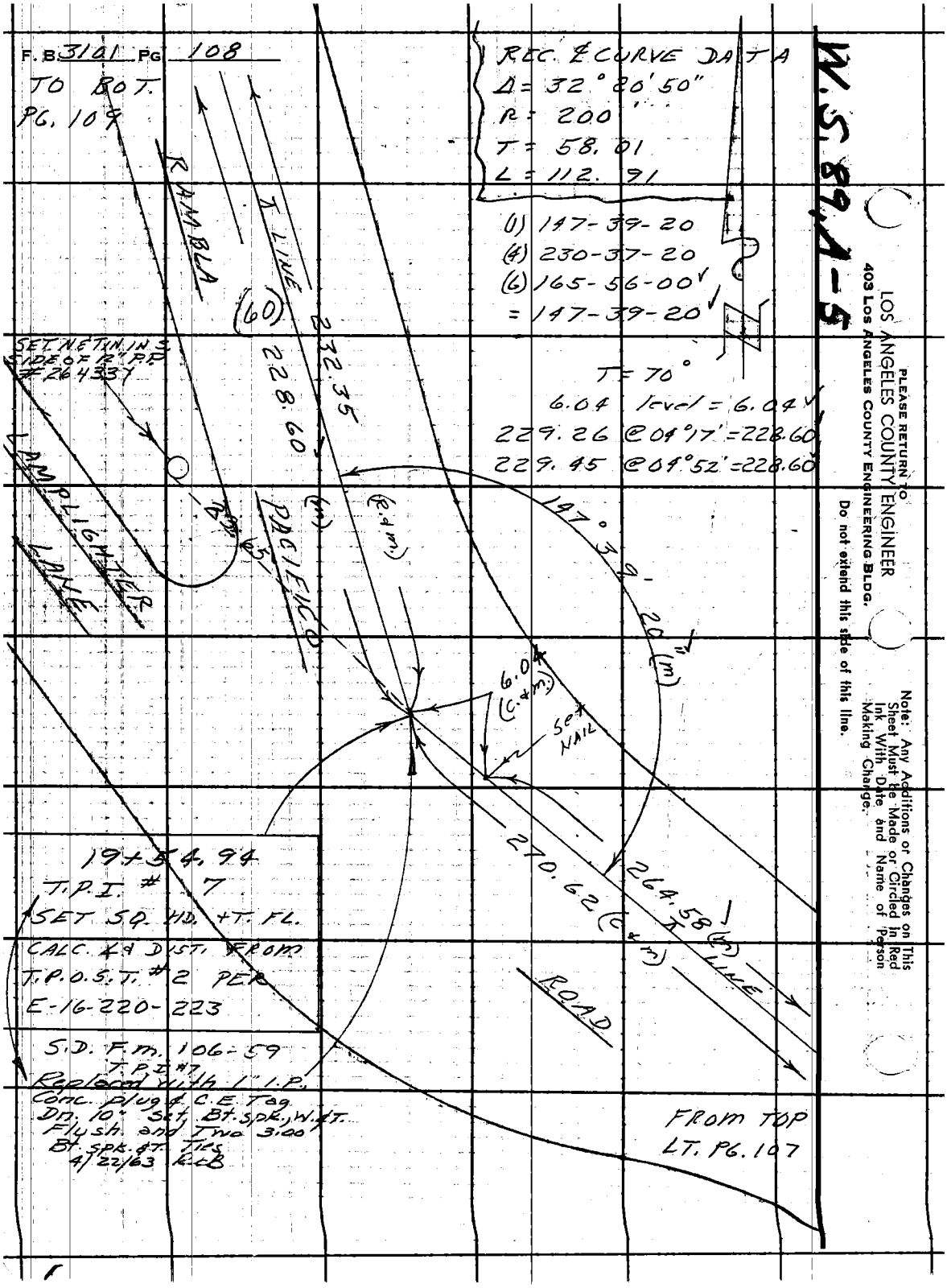
76F3095 C.E. #310 6-62


F.B. 3101 PG 108
TO BOT.
PG. 109
REC. ℄ CURVE DATA
Δ = 32° 20' 50"
R = 200'
T = 58.01
L = 112.91
(1) 147-39-20
(4) 230-37-20
(6) 165-56-00
= 147-39-20
T = 70°
6.04 level = 6.04
229.26 @ 04°17' = 228.60
229.45 @ 04°52' = 228.60
W.S. 89, A-5
RAMBLA
T LINE
(60)
232.35
228.60
SET NETIN IN S. SIDE OF 12" P.P. #264337
LAMPLIGHTER LANE
PACIFICO
(m)
(R.&m.)
147° 39' 20" (m)
6.04 (C.&m.)
Set NAIL
270.62 (C.&m.)
264.58 (m)
T LINE
ROAD
19+54.94
T.P.I. # 7
SET SQ. HD. +T. FL.
CALC. ∠ & DIST. FROM
T.P.O.S.T. #2 PER
E-16-220-223
S.D. F.M. 106-59
T.P.I. #7
Replaced with 1" I.P.
Conc. plug & C.E. Tag
Dn. 10" Set Bt. spk., W. & T.
Flush and Two 3.00'
Bt. spk. & T. Ties
4/22/63 R.C.B.
FROM TOP
LT. PG. 107
PLEASE RETURN TO
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 84 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-4-'63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 109

W.S. 89, A-5

PG. 110

NOTE: See Pg 122 for ℄ Easement Between Rambla Pacifico & Castlewood Drive. 4/22/63 RCB.

T = 70°

3.75 level = 3.75 ✓

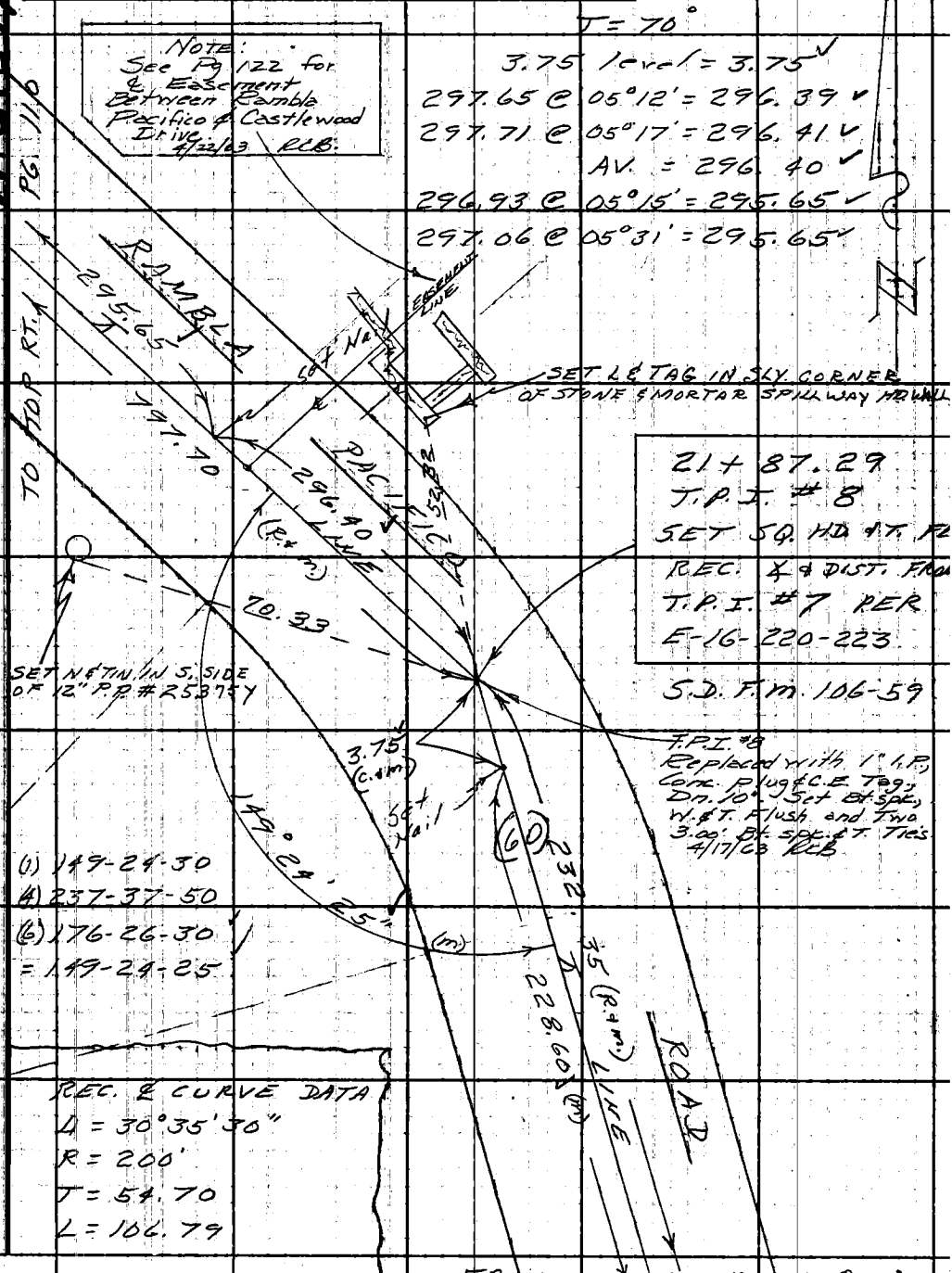
297.65 @ 05°12' = 296.39 ✓

297.71 @ 05°17' = 296.41 ✓

AV. = 296.40 ✓

296.93 @ 05°15' = 295.65 ✓

297.06 @ 05°31' = 295.65 ✓



21 + 87.29
T.P.I. #8
SET SQ. HD. & T. FL
REC. ∡ & DIST. FROM
T.P.I. #7 PER
E-16-220-223

S.D. F.M. 106-59

T.P.I. #8 Replaced with 1" I.P., Conc. Plug & C.E. Tag, Dn. 10". Set Bt. spk., W. & T. Flush and Two 3.00' Bt. spk. & T. Ties 4/17/63 RCB

(1) 149-24-30
(4) 237-37-50
(6) 176-26-30
= 149-24-25

REC. ℄ CURVE DATA
Δ = 30°35'30"
R = 200'
T = 54.70
L = 106.79

FROM TOP PG. 108

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

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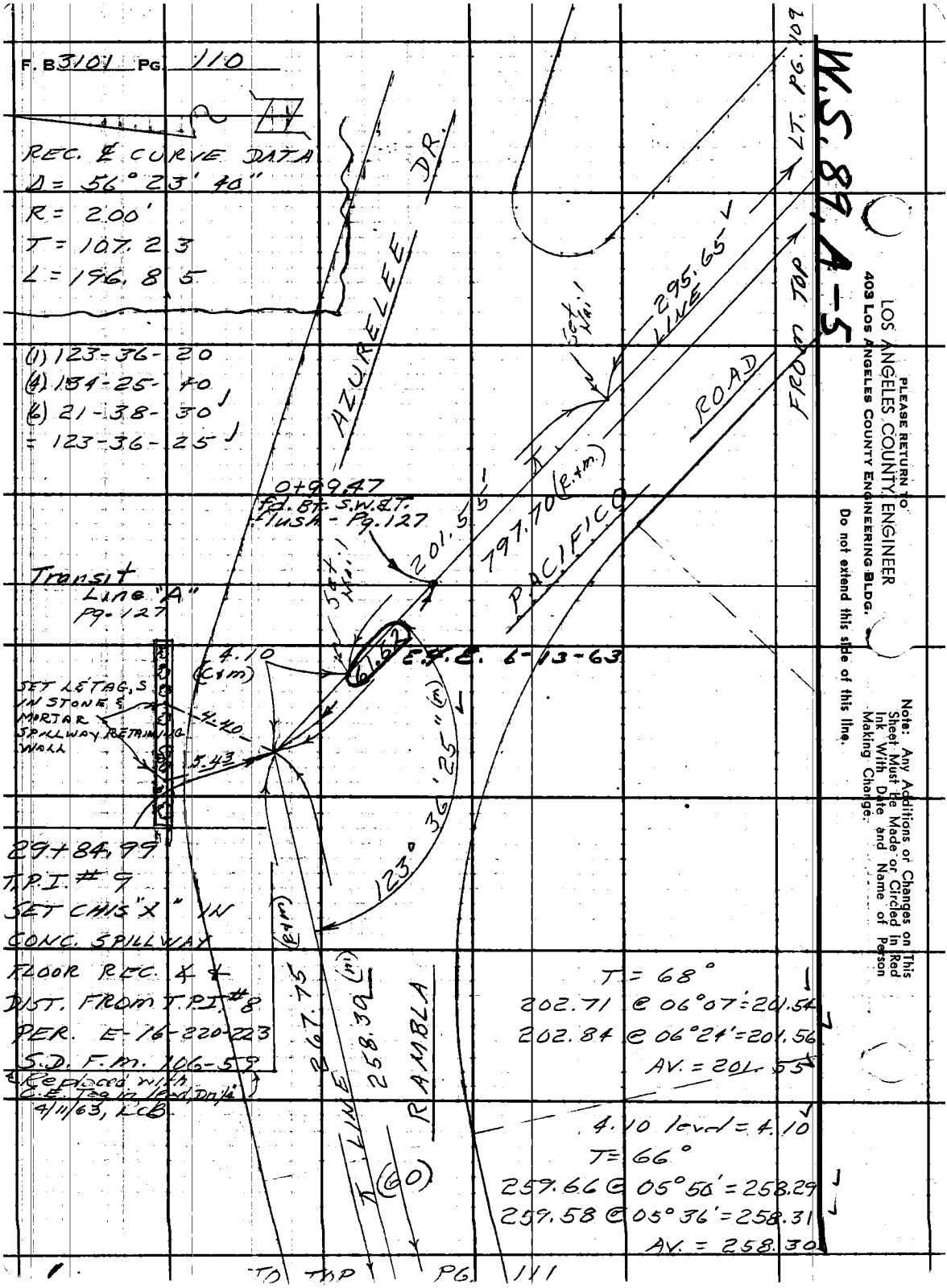
76F309S CE #310 6-62

F. B 3101 PG. 110

REC. ℄ CURVE DATA
Δ = 56° 23' 40"
R = 200'
T = 107.23
L = 196.85

(1) 123-36-20
(4) 134-25-40
(6) 21-38-30
= 123-36-25



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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 W. J. BRENNER	Survey of HUME RD. AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 84 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-5-63
Date MAY 22 1964	Indexed E. J. GALLI

F. B. 3101 PG. 111

W.S. 89, A-5

(1) 116-12-20
(4) 104-50-10
(6) 337-15-15
= 116-12-33

FROM BOT. PG. 110

REC. ℄ CURVE DATA
Δ = 63° 47' 20"
R = 200'
T = 124.46
L = 222.67

Tie Detail - P.I. #10

Set Sq. Hd & T. in T.P. # 24909Y

Set Lg. Bt. spk., W. & T. in Sandstone cut bank

40.19

64.26

P.I. #10
C.E. Br. Cap Mon
4/9/63 RCB

ROAD

258.30 (m) LINE

267.15 (R&M)

116° 12' 33" (m)

Set 1x2 & Nail

9.45 (C&M)

T.P.I. #10 Replaced with C.E. Br. Cap Mon. Set in Conc. Marked as shown 4/9/63 RCB

(60)

PACIFICO

143.84 (m)

154.95 (R&M)

RAMBLA

LINE

TO RT. PG. 85

32+52.74
T.P.I. #10
SET 1x2 & N.
REC. ℄ & DIST. FROM
T.P.I. #9 PER
E-16-220-223
SD FM 106-59

T = 68°
9.45 level = 9.45
144.00 @ 02°38' = 143.83
144.14 @ 03°31' = 143.85
AV. = 143.84

COUNTY ENGINEER
P.I. 10
R.E. 5869

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76F309S CE #310 6-62

Notes Ck'd by W. J. BRENNER	Survey of HUME ROAD AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 84 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-13-63
Date MAY 22 1964	Indexed C. J. GALLI MAR 25 '63

F. B. 3101 PG. 113

W.S. 89, A-5

TO BOT. PG. 114

REC. ℄ CURVE DATA
Δ = 65° 25' 55"
R = 80'
T = 51.39
L = 91.36
D: 76-30

LANE
T LINE

LAMPLIGHTER

87.12 (m)

T = 72°
87.29 @ 03°31' = 87.12
87.42 @ 04°40' = 87.12

2+20.19
T.P.I. #1 - SET
1X2 & N. REC. ℄
& DIST. FR. WEST
PER
S.D.F.M. 106-59
D: 76-30

Removed 10-24-63 E.F.E.

E.F.E. 4-10-63 Replaced with 1" I.P. P.& Tag-dn 1'. Set 2-3' 1X2 & N. Ties flush

(1) 114-34-00
(4) 98-16-40
(6) 327-24-55
= 114-34-09

2" X 8" Black & White Rd. Marker Marked 59+28

33.6 (c+m)
51.93

Set Nail

114° 34' 09" (m)

220.19 R
-168.26 m
51.93 c

168.26 (m)
T LINE

T = 62°
51.94 level = 51.93

FROM BOT. RT. PG. 128

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76F309S CE #310 6-62

F.B. 3101 PG. 114

TO BOT. PG. 115

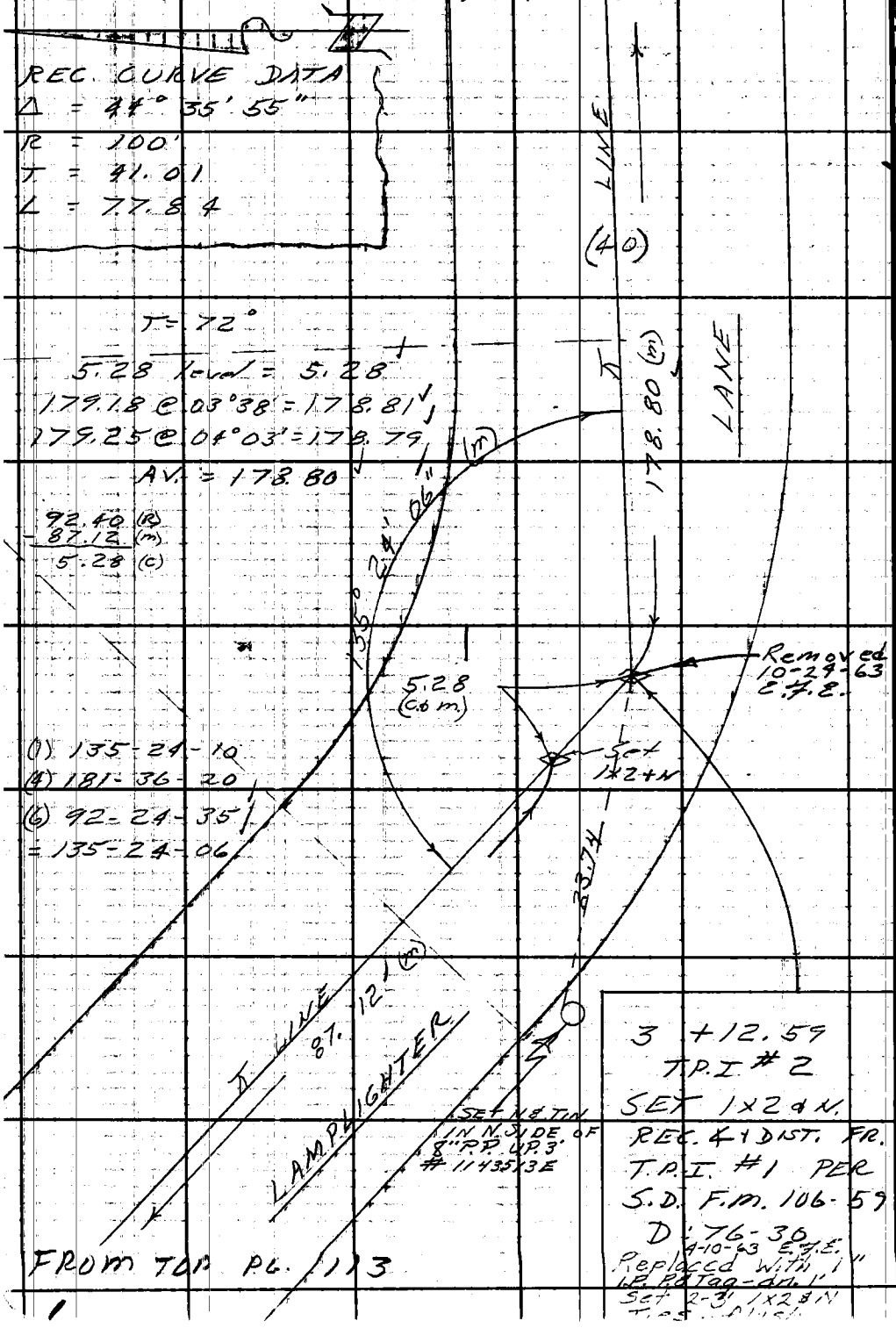
REC. CURVE DATA
Δ = 44° 35' 55"
R = 100'
T = 41.01
L = 77.84

T = 72°

5.28 level = 5.28
179.18 @ 03°38' = 178.81
179.25 @ 04°03' = 178.79
AV. = 178.80

92.40 (R)
- 87.12 (m)
5.28 (c)

(1) 135-24-10
(4) 181-36-20
(6) 92-24-35
= 135-24-06



3 +12.59
T.P.I. #2
SET 1x2 & N.
REC. ∠ + DIST. FR.
T.P.I. #1 PER
S.D. F.M. 106-59
D: 76-30
4-10-63 E.F.E.
Replaced with 1" I.P. P.&Tag-dn. 1'
Set 2-3' 1x2 & N
Ties ...

FROM TOP PG. 113

W.S. 89, A-5

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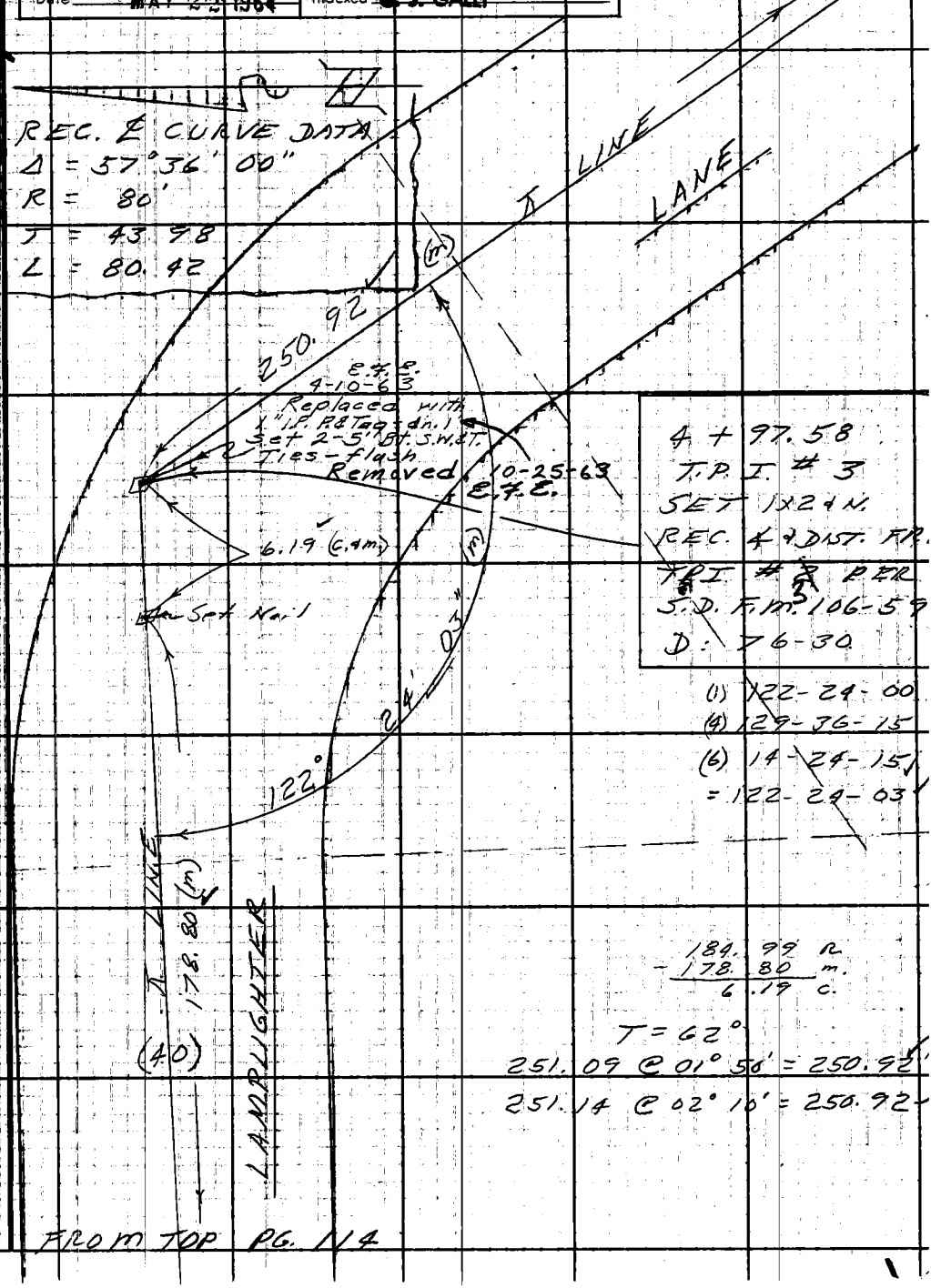
Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 8.4 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-13-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. [illegible]5

W.S. 89.A-5

TO BOT. PG. 116



FROM TOP PG. 114

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76F3095 CE #310 6-62

F. B. 310 PG. 116

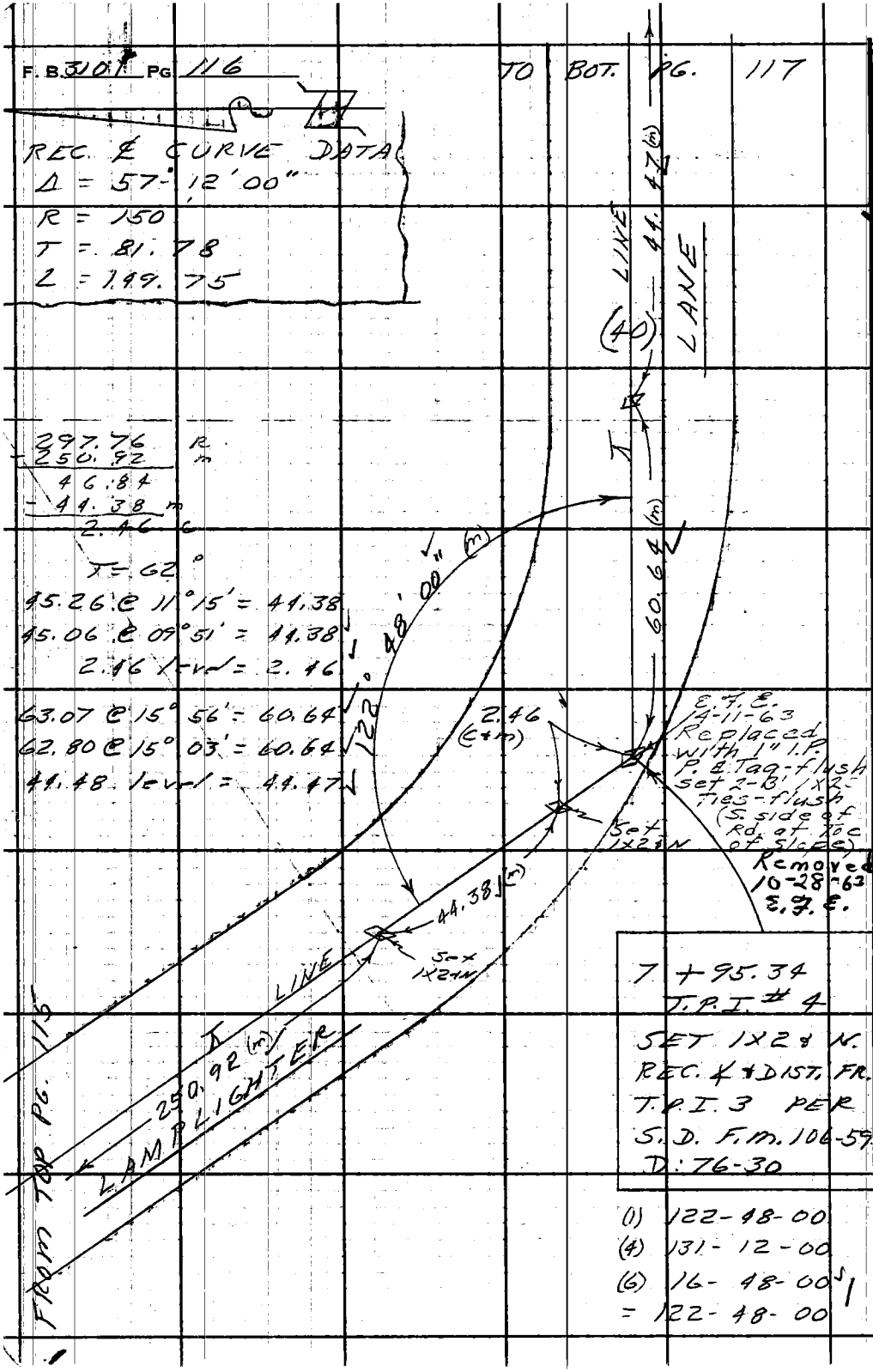
TO BOT. PG. 117

REC. ℄ CURVE DATA
Δ = 57° 12' 00"
R = 150
T = 81.78
L = 149.75

297.76 R
- 250.92 m
46.84
- 44.38 m
2.46 c

T = 62°
45.26 @ 11° 15' = 44.38
45.06 @ 09° 51' = 44.38
2.46 level = 2.46

63.07 @ 15° 56' = 60.64
62.80 @ 15° 03' = 60.64
44.48 level = 44.47



7 + 95.34
T.P.I. # 4
SET 1X2 & N.
REC. ∡ & DIST. FR.
T.P.I. 3 PER
S.D. F.M. 106-59
D: 76-30

(1) 122-48-00
(4) 131-12-00
(6) 16-48-00
= 122-48-00

W.S. 89, A-5

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W.S.84, A-5

Notes Ck'd By W. J. BRENNER	Survey of HUME ROAD AREA
Map No. B-2855	JN 03300 Tape 127 Std 64 °F
Office Work G. H. BOYER	Surveyed by K.C. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-14-63
Date MAY 22 1964	Indexed G. J. GALLI

F. B. 3101 PG. 117

TO BOT. PG. 118

REC. ℄ CURVE DATA
Δ = 44° 48' 00"
R = 60'
T = 24.73
L = 46.91

9 + 01.85
T.P.I. # 5
SET SQ. HD. ⊕ T.
REC. ℄ 1 DIST. FR.
T.P.I. # 4 PER
S.D. F.M. 106-59
D. 76-30

Replaced
With Bt. S.W.ST.
Flush. E.T.C.
4-1-63
0.76
SET SQ. HD.

SPK. BY INT.
Replaced
With 1" I.P.
P.B. Tag
dn.1
Set 2.3'
Bt. S.W.ST.
Flush
E.T.C.
4-11-63

Set No. 1
1" I.P.
P.B. Tag
dn. 0.5'

Ct. 2" I.P.
St. Sign Post
at ground

TO T.P.I. # 1
F.B. 3101-108

T = 54.83
148.49 @ 05°16' = 147.83
148.46 @ 05°10' = 147.83

178.00 (m)

PACIFIC

RAMBLA

Δ 10.17 CALC
10.12 CALC
See Pg. 223
Removed 13
10-28-63
E.T.E.
1.40 (calc)

℄ LINE

(1) 135-12-15
(4) 180-48-20
(6) 91-12-20
= 135-12-03

(1) 41-53-45
(4) 267-35-30
(6) 251-23-05
= 41-53-51

106.51 R.
-60.64 m.
45.87
-44.47 m.
1.40 c.

147.83
41°53'51"
℄ LINE
Δ 44.47 (m)

LAMPLIGHTER LANE

T = 70°
1.40 Level = 1.40
178.77 @ 05°14' = 178.0
178.65 @ 04°49' = 178.0

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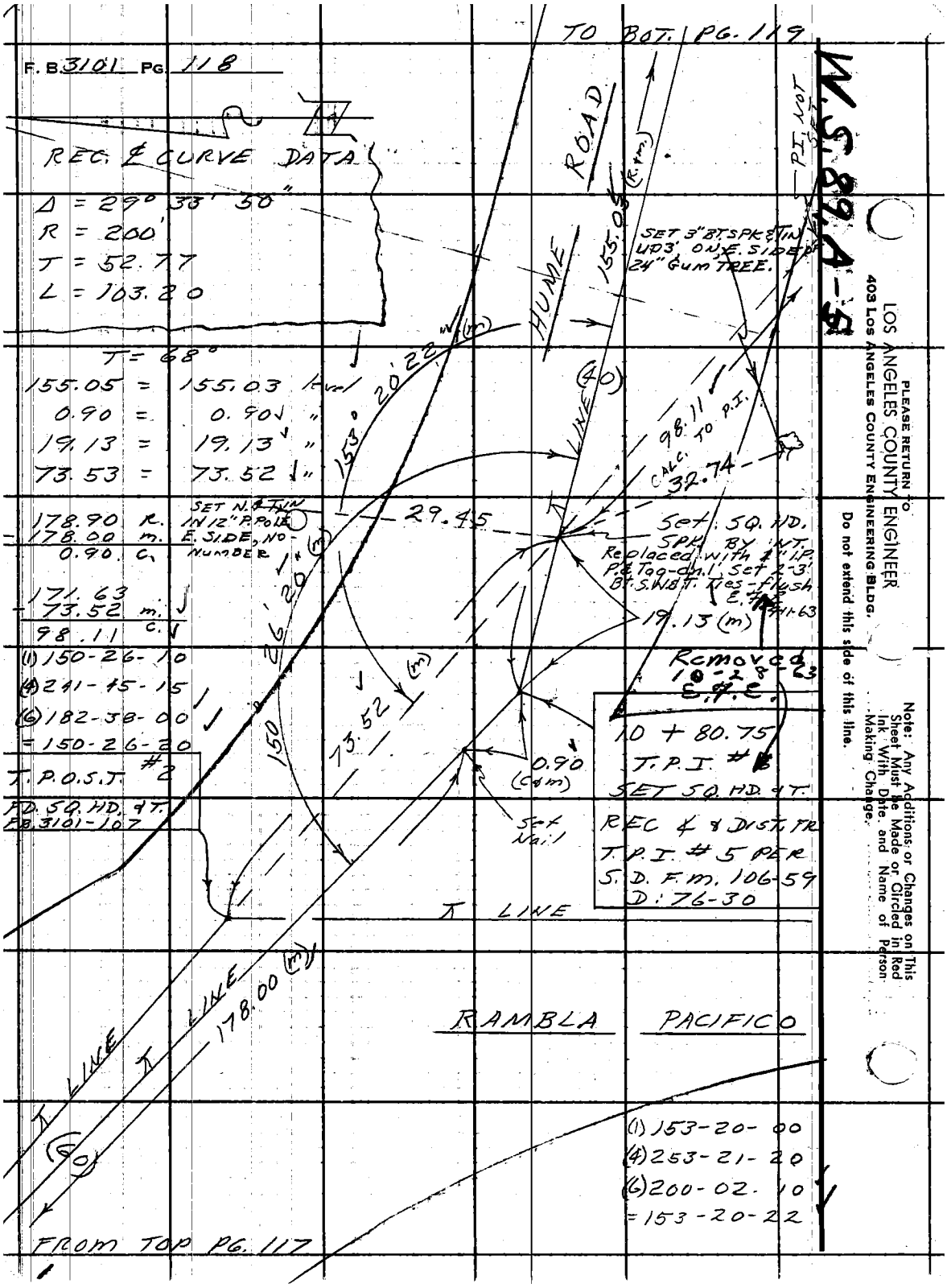
70E.3095 C.E. #310 0-62



TO BOT. PG. 119
F. B. 3101 PG. 118
REC. ℄ CURVE DATA
Δ = 29° 33' 50"
R = 200'
T = 52.77
L = 103.20
T = 68°
155.05 = 155.03 level
0.90 = 0.90 "
19.13 = 19.13 "
73.53 = 73.52 "
178.90 R.
- 178.00 m.
0.90 C.
SET N. & T. IN 12" P. POLE E. SIDE, NO NUMBER
171.63
- 73.52 m.
98.11 C.
(1) 150-26-10
(4) 241-45-15
(6) 182-38-00
= 150-26-20
T.P.O.S.T. #2
FD. SQ. HD. & T.
F.B. 3101-107
HUME ROAD
155.05 (R.&m.)
153° 20' 22" (m)
(40)
LINE
98.11
CALC. TO P.I.
32.74
29.45
Set SQ. HD. SPK. BY INT. Replaced with 1" I.P. P.& Tag-dn.1' Set 2-3' Bt. S.W.& T. Ties-flush E. #2 4-11-63
19.13 (m)
Removed 10-28-63 E.&E.
10 + 80.75
T.P.I. #6
SET SQ. HD. & T.
REC ℄ & DIST. FR
T.P.I. #5 PER
S.D. F.m. 106-59
D: 76-30
150° 26' 20" (m)
73.52 (m)
0.90 (C&m)
Set Nail
LINE
LINE
LINE
178.00 (m)
(60)
RAMBLA PACIFICO
(1) 153-20-00
(4) 253-21-20
(6) 200-02-10
= 153-20-22
FROM TOP PG. 117
W.S. 89 A-5
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Notes Ck'd by W. J. BRENNER	Survey of HUME ROAD AREA
Map No. B-2855	JN 0303 00 Tape 127 Std 84 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-15-63
Date MAY 22 1964	Indexed G. J. GALLI MAR 25 '63

F. B. 3101 PG. 119

W.S. 89 A-5

TO BOT PG. 120

REC. ℄ CURVE DATA
Δ = 56° 23' 20"
R = 125'
T = 67.01
L = 123.02

12 + 35.78
T.P.I. #7
SET 1x2 & N.
REC. ℄ & DIST. FR.
TPI #6 PER
S.D. F.M. 106-59
D: 76-30

Replaced with 1" I.P. P.8 Tag - dn. 1' Set 2'-3' 1x2 & N.s flush E.F.E. 4-11-63
Removed 10-28-63 E.F.E.

ROAD LINE
95.90 (R+M)
123° 36' 34" (M)
51.09
HUME LINE (R+M)
(40)
155.03

T = 62°
95.91 level = 95.90

SET NETIN IN N. SIDE OF 8" TRAN. POLE # 485872E

(1) 123-36-40
(4) 134-26-10
(6) 21-39-25
= 123°-36'-34"

FROM TOP PG. 118

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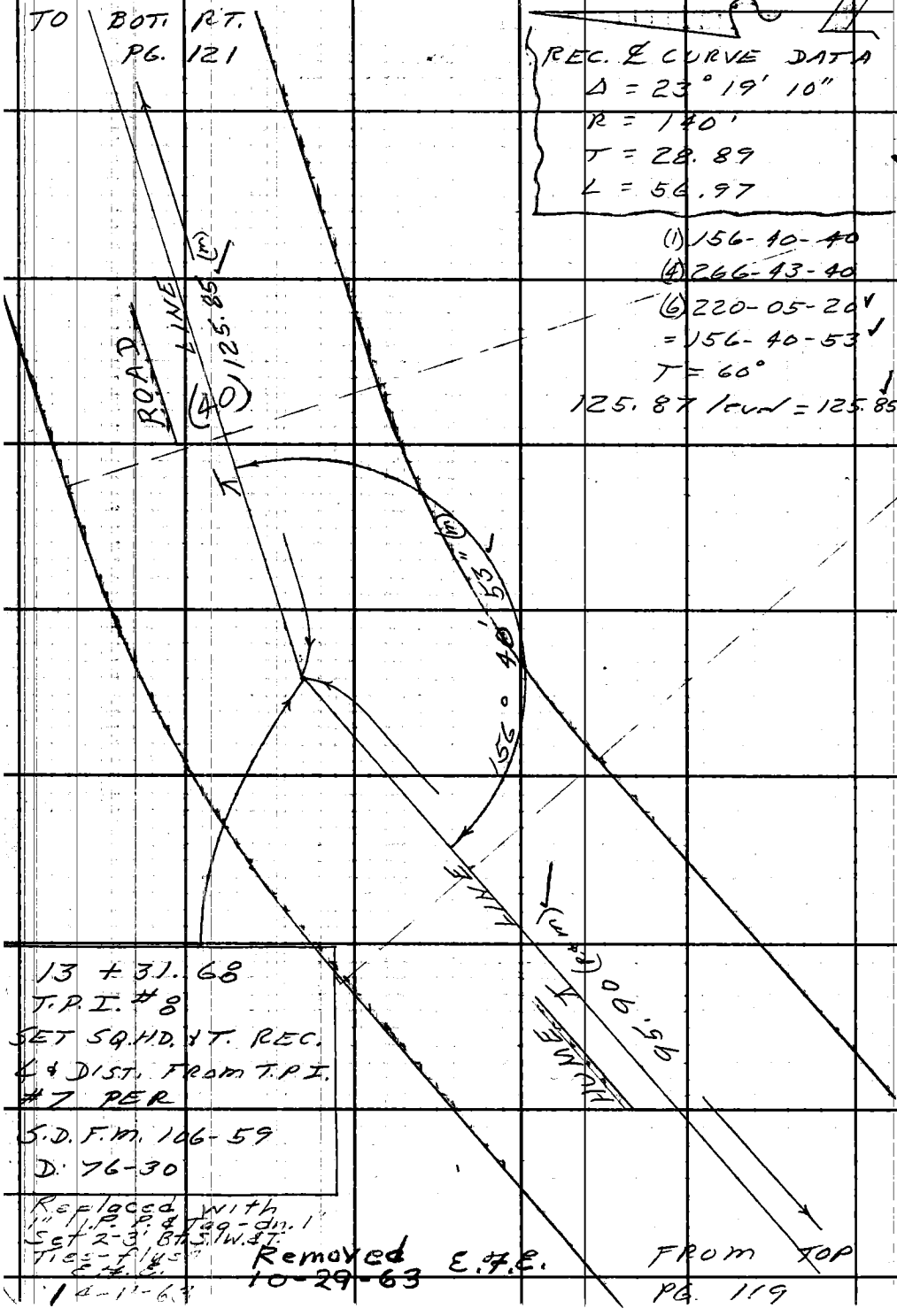
76 F 3095 C.F. #310 6-62

F. B. 3101 PG. 120

TO BOT. RT. PG. 121



REC. ℄ CURVE DATA
Δ = 23° 19' 10"
R = 140'
T = 28.89
L = 56.97

(1) 156-40-40
(4) 266-43-40
(6) 220-05-20
= 156-40-53
T = 60°
125.87 level = 125.85

13 + 31.68
T.P.I. #8
SET SQ.HD. & T. REC.
℄ & DIST. FROM T.P.I.
#7 PER
S.D.F.M. 106-59
D. 76-30

Replaced with
1" I.P.P. & Tag-dn. 1"
Set 2-3' Bt. S.W. & T.
Ties-flush
E.H.E.
4-11-63

Removed 10-29-63 E.H.E.

FROM TOP PG. 119

W.S. 89, A-5

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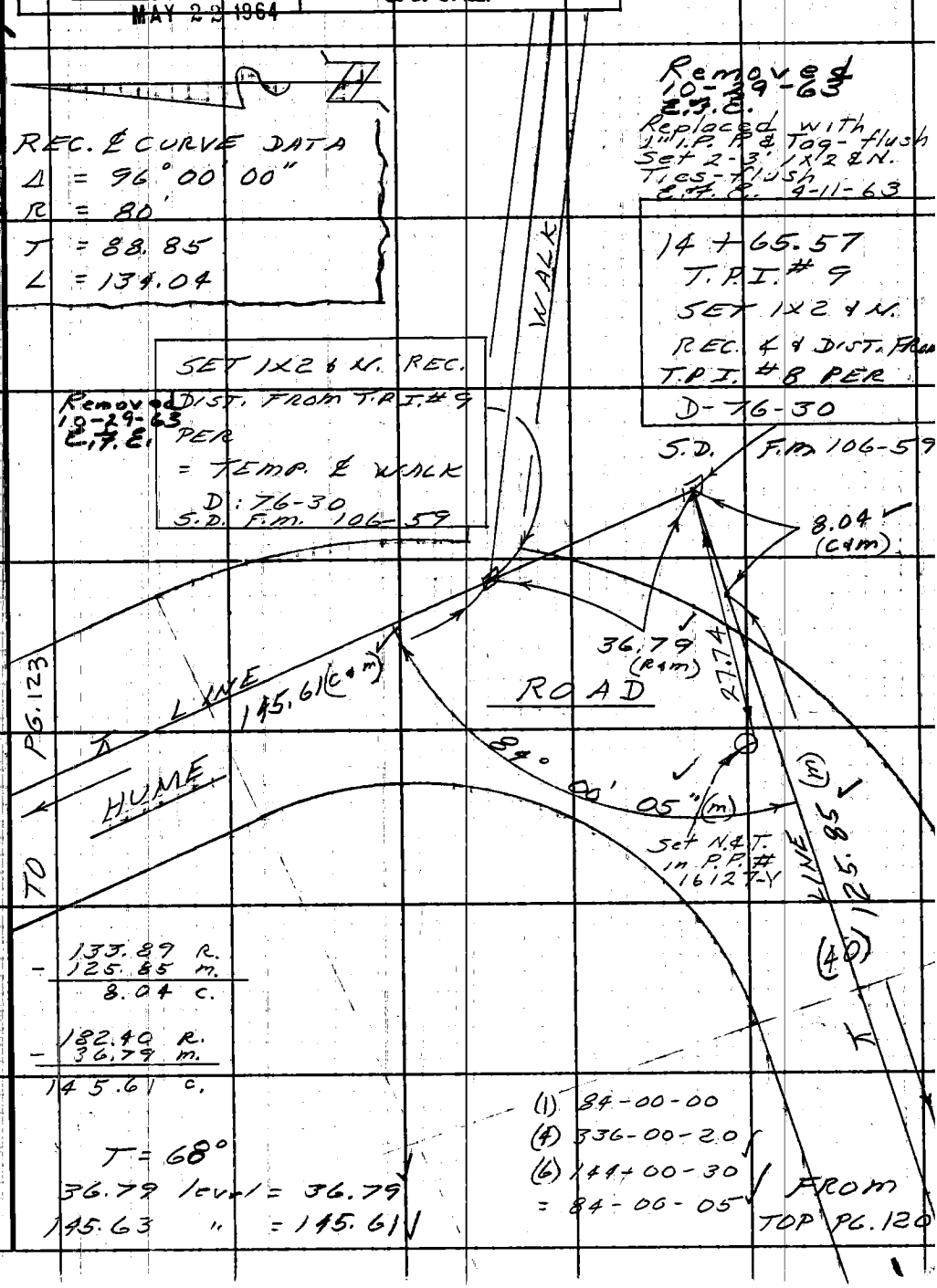
Notes Ck'd by W. J. BRENNER	Survey of HUME ROAD AREA
Map No. B-2855	JN 0303.00 Tape 127 Std 84 °F
Office Work G. H. BOYER	Surveyed by W. D. BAY
Checked W. J. BRENNER	Notes BAY Date 3-15-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 121

W.S. 89, A-5



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76F3095 CE #310 6-62

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W.S. 89, A-5

T = 60°

9.94 @ Ley = 9.94
142.36 @ 32° 12' = 120.46
141.89 @ 31° 54' = 130.40
.02
130.38

NOTE: 100' Tape #0222 used on all other Distances

T = 66°
68.03 @ 8° 31' = 67.28
67.91 @ 7° 48' = 67.28

NOTE: 300' Tape #145 used for this Dist.

2 - 330 57 00
4 - 30 1 59 15
6 - 272 51 30
AV 165 28 35

2 - 182 37 30
9 - 365 15 00
6 - 187 52 30
Av. 91 18 45
Angle Point
Set 1"x2" N.F. Flush
Record Angle & Dist from P.O.S.T. (To East) per Deed Disc. D-76-34 4/22/63 RCB

P.O.S.T.
Set 1" I.P. Conc. plug & C.E. Tag Dn. 10' Record Dist. from P.I. #2 on Line to P.I. #3 per Deed Disc. D-76-34 Set Bt. Spk. W. & T. Flush and Two 3.00' Bt. spk. & T. Ties. 4/22/63 RCB

P.I. #2
Fd. 1" I.P. Conc. plug & C.E. Tag, Dn. 10' Per Pg. 136

T = 70°
Lev. = 76.45

3.05
T = 68°
65.28 @ 1° 00' = 65.28
76.41 = 67.28

Note: Dists. shown in red are C.S.C. 6-13-63

To P.I. #9 ℄ Line

RAMBLA PACIFICA

91° 91°

91° 18' 45"

45' Rad.

18" Meas.

67.28 Calc.

66.94 Meas.

℄ Line

Meas. ℄ to ℄ 25.46

Hold 1" Pkg. 35' Meas.

D 76-34 Pcl 15

130.38 C.&M.

EASEMENT

3.00

(3) (3)

90° 00' 00" R.&M.

76.45 C.&M.

CASTLEWOOD DRIVE

℄ Line

To P.I. #3

165.28

165.54

165° 28' 35" - Per Office

① 165° 54' 15"
Ⓟ 303° 37' 15"
Ⓔ 275° 25' 30"
165° 54' 15"

INTERIOR

P.O.T.
Set 1" I.P. Conc. plug & C.E. Tag Dn. 10' Record Dist. from P.I. #8 on line to P.I. #9 per Deed Desc. D-76-34 Set Bt. spk. W. & T. Flush and Two 3.00' Bt. spk. & T. Ties. 4/22/63 RCB

Set Bt. S.W. & T. Flush By Int.

① 91° 45' 15"
Ⓟ 07° 01' 30"
Ⓔ 190° 31' 45"
91° 45' 18"

P.I. #8
Fd. 1" I.P. Conc. plug & C.E. Tag, Dn. 1.0' with Bt. Spk. W. & T. Flush Per R.B. 3101-109

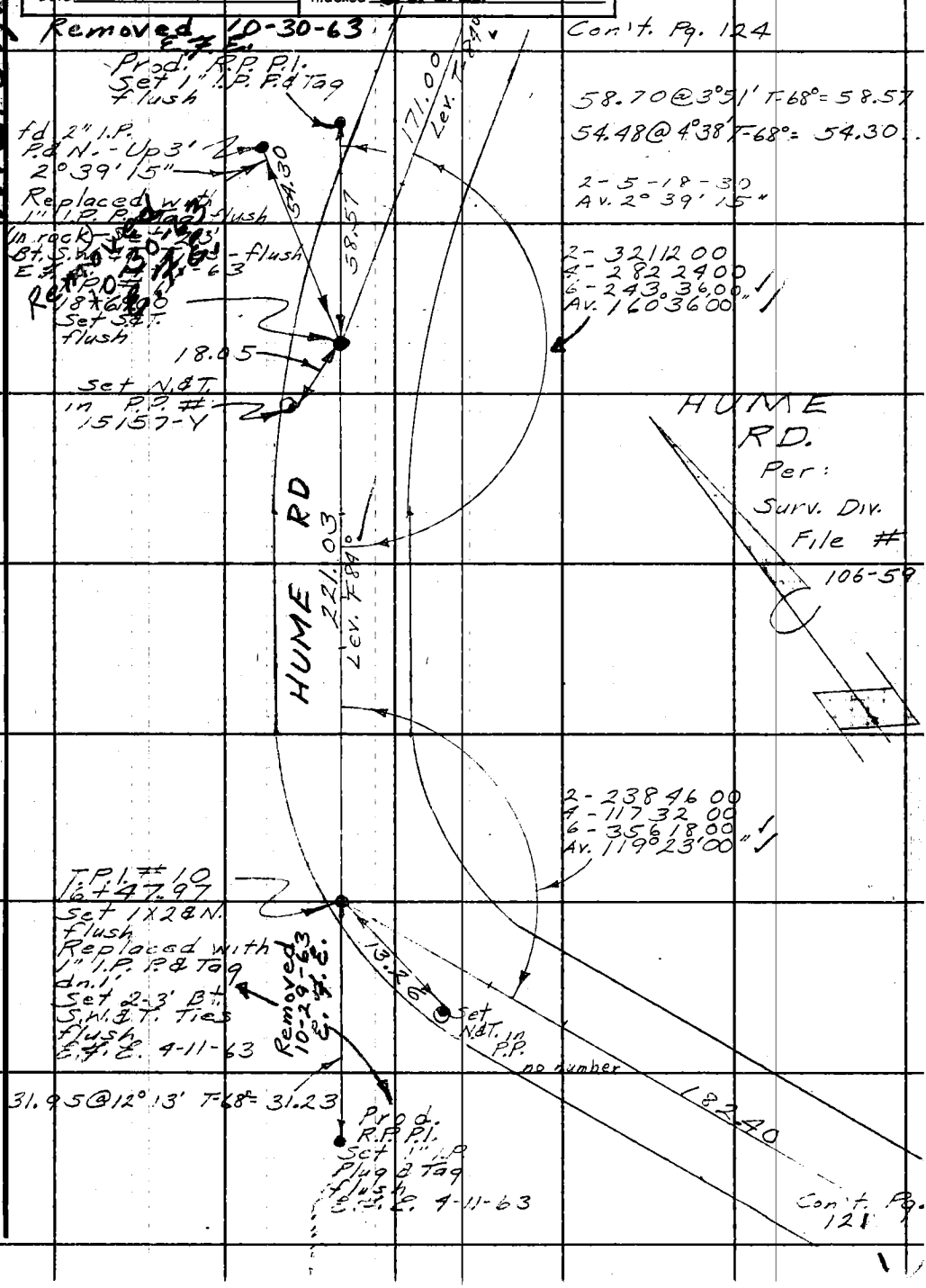
① 90° 00' 00"
Ⓟ 360° 00' 00"
Ⓔ 180° 00' 00"
90° 00' 00"

68.54 Calc. ℄ Meas.

F.B. 3101 PG 122

Notes Ck'd by W. J. BRENNER	Survey of Water Works Dist. 29	F. B. 3101	Pg. 123
Map No. B-2855	JN 2215.14 Tape 135 Std 84 °F		
Office Work G. H. BOYER	Surveyed by English		
Checked W. J. BRENNER	Notes Ed. Date 3-15-63		
Date MAY 22 1964	Indexed C. J. GALLI		

W.S. 89, A-5



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76F309S CE # 310 3-61

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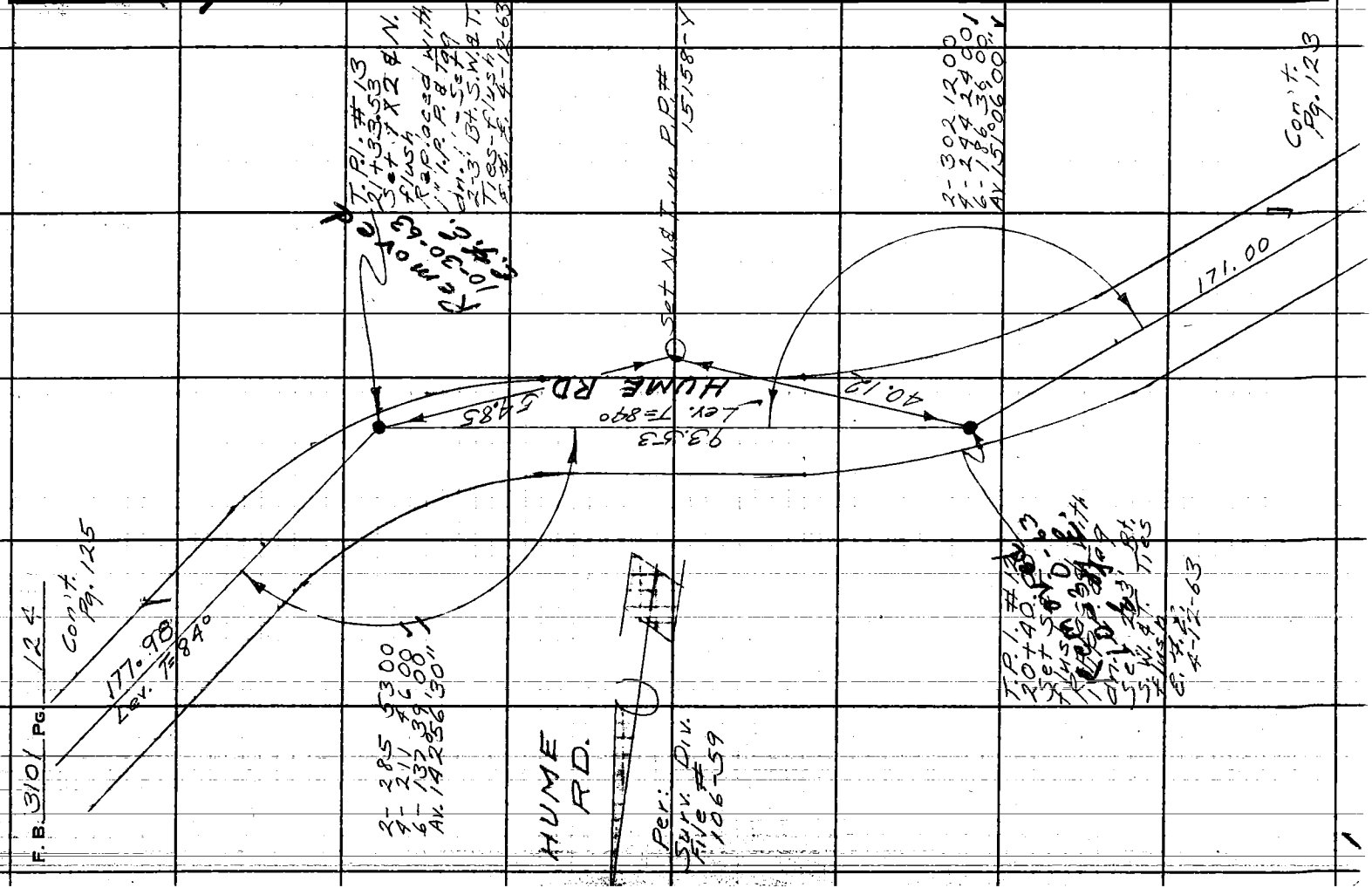
W.S. 89, B-5

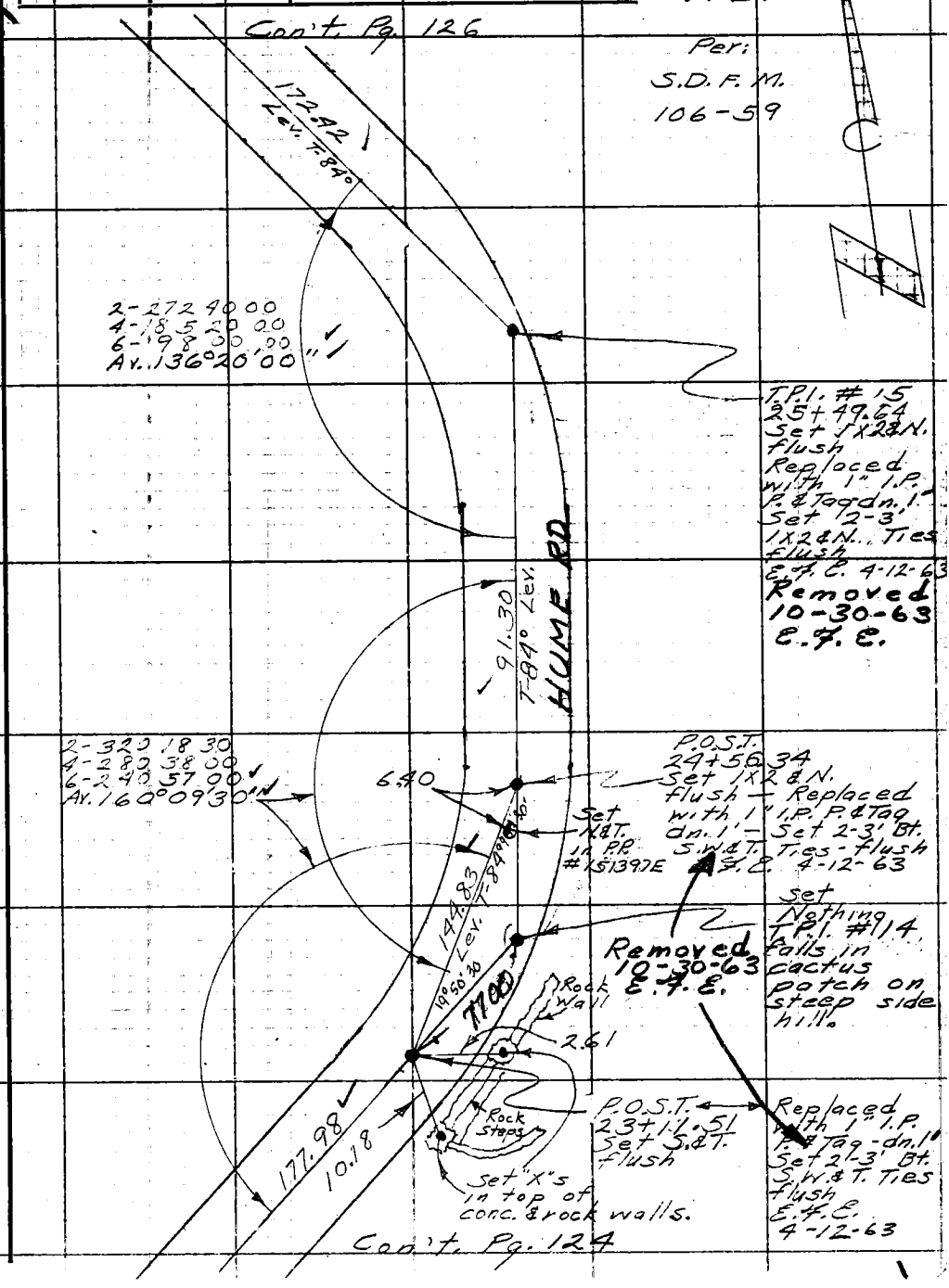


Notes Ck'd by W. J. BRENNER	Survey of Water Works Dist. 29	F. B. 3101 Pg. 125
Map No. B-2855	JN 2215.14 Tape 135 Std 84 °F	
Office Work G. H. BOYER	Surveyed by English	
Checked W. J. BRENNER	Notes Ed. Date 3-15-63	
Date MAY 22 1964	Indexed C. J. GALLI	

W.S. 89, B-5

HUME RD.

Per: S.D.F.M. 106-59



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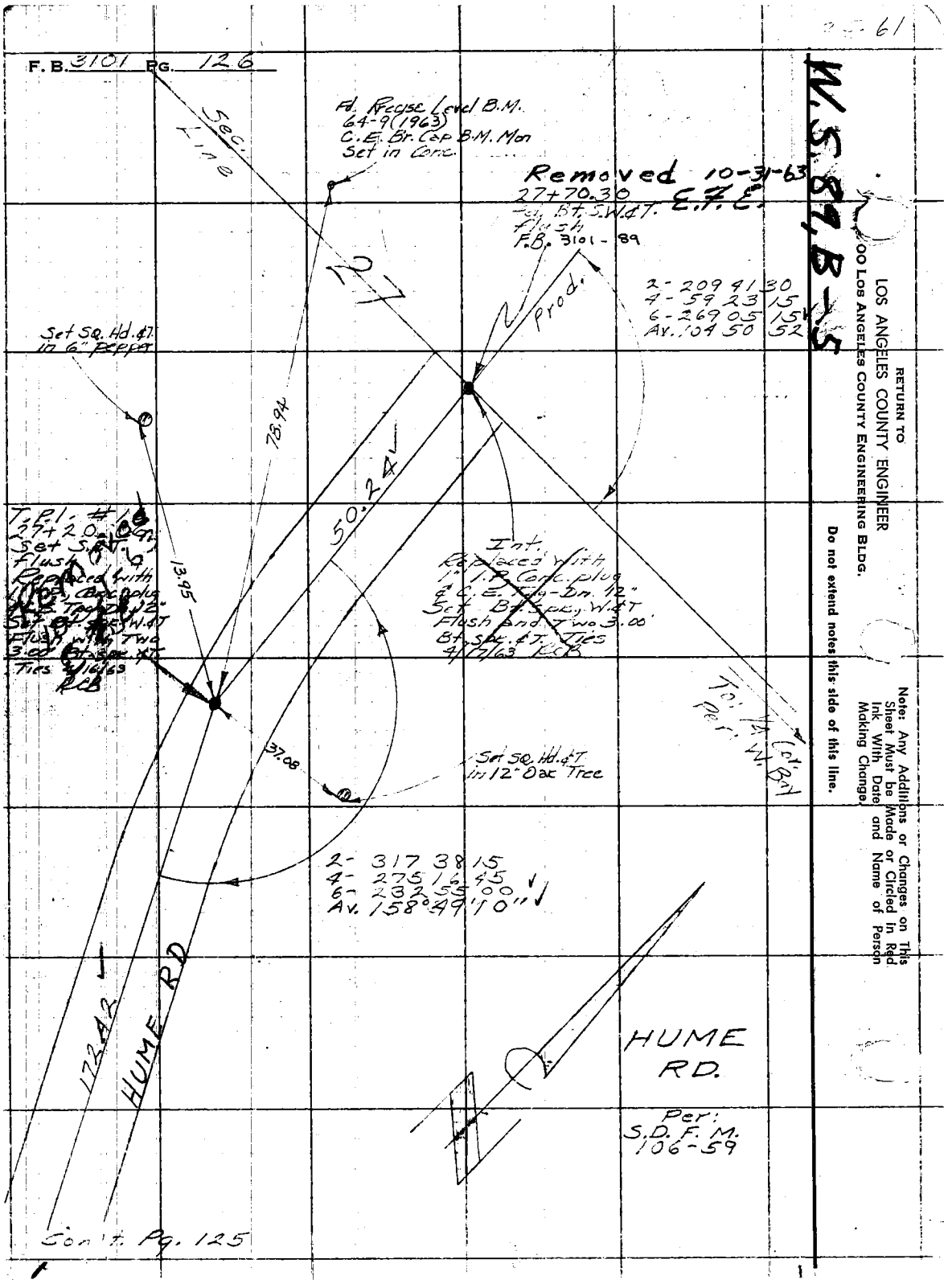
763093 CE #247—7-53

F.B. 3101 PG. 126



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W.S. 89, 4-5

Notes Ck'd by W. J. BRENNER
Map No. R-2855
Office Work G. H. BOYER
Checked W. J. BRENNER
Date MAY 22 1964

Survey of LAS FLORES HUME 2 IV B
JN 0303.00 Tape 148 Std 84 °F
Surveyed by J.P. MENNE
Notes J.P.M Date 3-11-63
Indexed C. J. GALLI MAR 25'63

F. B. 3101 Pg. 127

CENTER LINE OF AZURELEE DR., CASTLEWOOD DR.

SET BY RECORD ANGLE & DISTANCE FROM DEEDS
D-76 - E-16 - E-19 & SURVEY DIV. FILE MAP No. 106-59

SECTION 27 T 1 S R 17 W

FD. 1X2 E.N. (FLUSH)

6+50.74

SET 1" I.P. & C.E. TAG (FLUSH)

FB. ? Pg. ?86

E-W. CEN. SEC. LN.

3.66

0.33

FD. 2" I.P. WOOD PLUG & NAIL (0+00 EAST)

88-59-20 (1)
355-57-00 (4)
173-55-30 (6)
88-59-15 (A)

106-14-00 (1)
64-56-20 (4)
277-24-30 (6)
106-14-05 (A)

88.0 59.15 43.32

TRANSIT LINE "A"

3.66 ELEV.
T-60° = -0.01
68.20 @ 21°06 = 63.63
68.40 @ 21-31 = 63.63
T-60° = -0.01

1/2" I.P. PLUG (UP 2")

63.62 (S)

T-58° = -0.05
297.14 @ 5°27 = 295.80
297.11 @ 5°23 = 295.80

46.12 @ 20-02 = 43.33 1.36
T = 62° = -0.01
35.86 ELEV. = 35.85

0+63.62 (S) = 0+00 (E)

SET LG. BT. SPK. W. & T. (replaced with BT. SPK. W. & T. Dn. 6; Set BT. SPK. W. & T. Flush and Two 3.00' BT. spk. & T. Tits 4/11/63 RCB)

0+99.47

T-62° = -0.01
17.96
23.83 ELEV
41.79 V

SET SQ. HD. & T. BY INTER.

1+41.25

SET 1X2 & N. (FLUSH)

① 48° 03' 45"
Ⓐ 192° 14' 45"
⑥ 288° 22' 00"
48° 03' 40"
4/23/63 RCB

AZURELEE DR.

RAMBLA PACIFICO

F.B. 3101-110

Rechecked 10-16-63 E.T.E.

To Top of Pg. 128

To Bottom of Pg. 129

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41.27

76F3095 CE # 310 3-61

F.B. 3101 PG. 128

TO BOTTOM OF PG. 127

1 + 41.25
SET 1X2 & N.
(FLUSH)

T- 62° = -0.04
257.61 @ 18°-56 = 243.67
257.95 @ 19°-09 = 243.67
257.89 @ 19°09' = 243.60
T-70°

T-62 = -0.03
235.90 @ 8-48 = 233.12
236.07 @ 9-04 = 233.12
235.90 @ 8°48' = 233.10
T=68°

476.72
476.70
E.F.E.
10-16-63

243.63
233.09
476.72

6 + 17.97
SET 1X2 & N. (FLUSH)

T- 54° = -0.01
69.19 @ 32-25 = 58.41

T-56° = -0.02
104.61 @ 31°-03 = 89.62
104.95 @ 31°-23 = 89.60
T=68°
103.79 @ 30°19' = 89.59
10.50 LEV. = 10.50

58.40
1°08'28" calc
58.39
1.18
TRANSIT LINE
"A"

FD. 1 1/2" I.P.
WOOD PLUG
& N. (UP 1")

89.59
89.59
E.F.E.
10-24-63

T-62° = -0.02
169.28 @ 6°-11 = 168.29
169.32 @ 6°-23 = 168.27

STEEP CUT

Removed E.F.E.
10-24-63

0+00 (E)
6 + 97.06 (S) =
SET LG. BT.
SPK. W. & T.
Replaced with
1" I.P. P&Tag-dn. 1'
Set 2-3' Bt. SW. & T.
Ties-flush-E.F.E.
4-10-63

168.26
LAMPLIGHTER LANE
0.51
0.50

112-56-55 ①
91-47-30 ②
317-41-30 ③
112°-56-55 Ⓐ

7 + 07.56
SET P.K. NAIL
2' N. of S.
edge of
Pvmt.

0+00
See
Pg. 219

1000'±

SET 1X2 & N.
(FLUSH)

TO BOTTOM OF PG. 113

W.S.89, A-5

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(AZURELEE DRIVE)

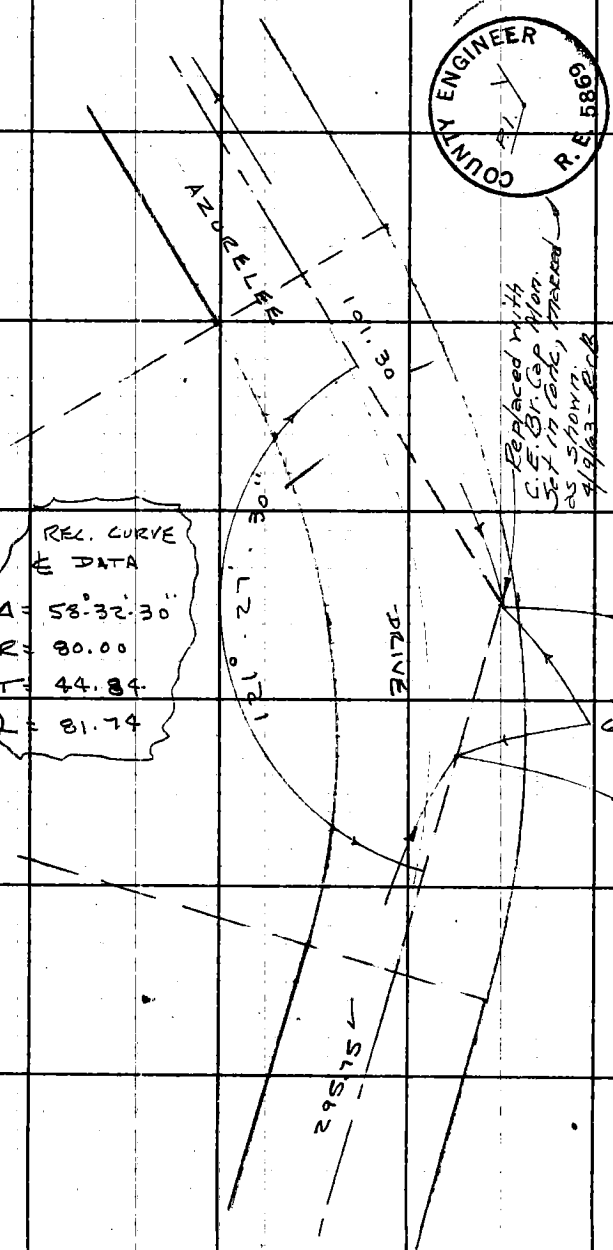
Notes Ck'd by W. J. BRENNER	Survey of LAS FLORES HUME 2 IV B
Map No. R-2855	JN 0303.00 Tape 148 Std 84 °F
Office Work G. H. BOYER	Surveyed by J.P MENNE
Checked W. J. BRENNER	Notes J.P.M Date 3-12-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 129

W.S. 89 A-5

To Bottom of Pg. 130

SEC. 27
T 1 S
R 17 W



COUNTY ENGINEER R.E. 5869

Replaced with C.E. Br. Cap Mon. Set in Conc, Marked as shown. 4/9/63 - RCB

T-62° = -0.01
47.18
54.13 LEV.
101.31 = 101.30

121-27-30 ①
125-50-00 ④
08-45-00 ⑥
121-27-30 Ⓐ

REC. CURVE
℄ DATA
Δ = 58°32'30"
R = 80.00
T = 44.84
L = 81.74

3+02.27
P.I. No. 1
SET 1X2 ℄ N. (FLUSH)

6.52

2+95.75
SET 1X2 ℄ N. (FLUSH)

T-62° = 0
6.52 LEV. = 6.52

To Bottom Rt of Pg. 127

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76F309S CE # 310 3-61

TO TOP LEFT OF PG. 135

F. B. 3101 PG. 130

TO BOTTOM OF PG. 131

W.S. 89 A-5

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403 Los Angeles County Engineering Bldg.

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Fd. C.E. Br. Cap Precise B.M. set in conc. Marked B.M. 64-8

CASTLE WOOD DRIVE

SEC. 27
T 1 S
R 17 W

125	45	30 ①
143	02	00 ④
34	33	00 ⑥
125	45	30 Ⓐ

℄ Int.
Replaced with 1" I.P. Conc. plug & C.E. Tag - Dr. No"
Set Bf. 3 pc., W. & T and Two 3:00 Bf. Sor & Tie
Tres: 4/10/63 RCB

5+03.57 (N) =
0+00 (E)
SET SQ. HD.
℄ T. 2.

Set C.E. Tag in lead on Sandstone Cut bank

T = 62° = -0.01
100.01 LEV. = 100.00

P.T. #2
Replaced with 1" I.P. Conc. plug & C.E. Tag - Dia. No"
Set Bf. 3 pc., W. & T. Fl. & Two 3:00 Bf. Sor & Tie
Tres. 4/10/63 RCB

4+03.57
P.T. No. 2
SET SQ. HD.
℄ T. 1

161	48	00	①
287	12	00	④
250	48	00	⑥
161	48	00	Ⓐ

106.60
45.59
228.16
30.00
125° 45'
49.96
19.74
AZURE LEE
Set C.E. Tag in PB #1432 at E
60.09
100.00
12 Tel. Pole
REL. ℄ CURVE DATA
Δ = 54° - 14' - 30"
R = 80.00
T = 40.97
L = 76.14
REL. ℄ CURVE DATA
Δ = 18° - 12' - 00"
R = 200.00
T = 32.03
L = 63.53
161° 48' 00"
34.10
19.42
1" I.P. CEMENT PLUG & L.S. 2572 (UP. 5")
10' ±
101.30
DRIVE
SET 1½" B.W. (PROJ)

TO TOP OF PG 179

AZURELEE DRIVE

7

Notes Ck'd by W. J. BRENNER	Survey of LAS FLORES Hume Z IV B
Map No. B 2855	JN 0303.00 Tape 148 Std 84 °F
Office Work G. H. BOYER	Surveyed by J.P. MENNE
Checked W. J. BRENNER	Notes J.P.M Date 3-15-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 131

TO TOP OF PG. 132

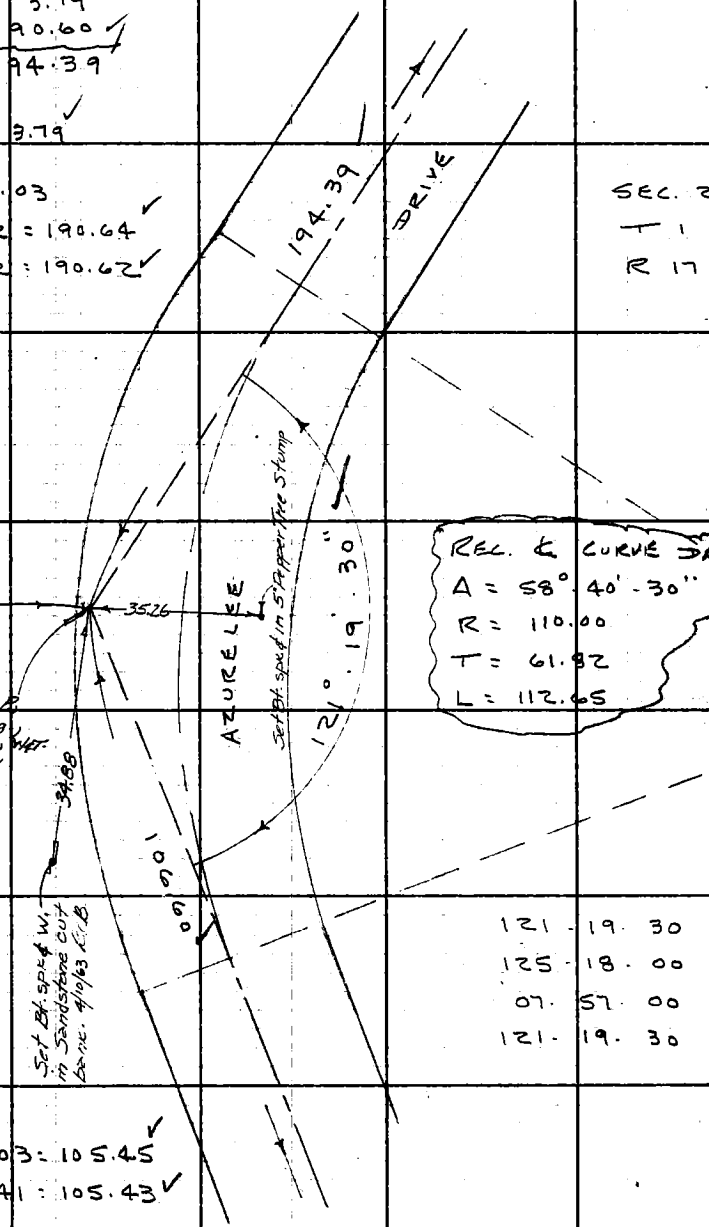
W.S.89A-5

3.79
190.60
194.39

T-62° = 0
3.79 LEV. = 3.79

T-62 = -0.03
191.64 @ 5°-52 = 190.64
191.74 @ 6°-12 = 190.62

SEC. 27
T 1 S
R 17 W



6+10.17
P.I. No. 3
SET SQ. HD.
& TIN.
Replaced with 1" I.P. Conc. Plug & C.E. Tag, Dr. 10°. Set Bt. spk. W/T. Flush and Two 3.00' Bt. spk. & T. Ties 4/11/63 RCB

REC. & CURVE DATA
Δ = 58° 40' 30"
R = 110.00
T = 61.82
L = 112.65

1.18
105.42
106.60

T. 62° = 0
1.18 LEV. = 1.18

121 - 19 - 30 (1)
125 - 18 - 00 (4)
07 - 57 - 00 (6)
121 - 19 - 30 (A)

T. 62° = -0.01
105.86 @ 5-03 = 105.45
105.65 @ 3-41 = 105.43

TO TOP OF PG 130

1

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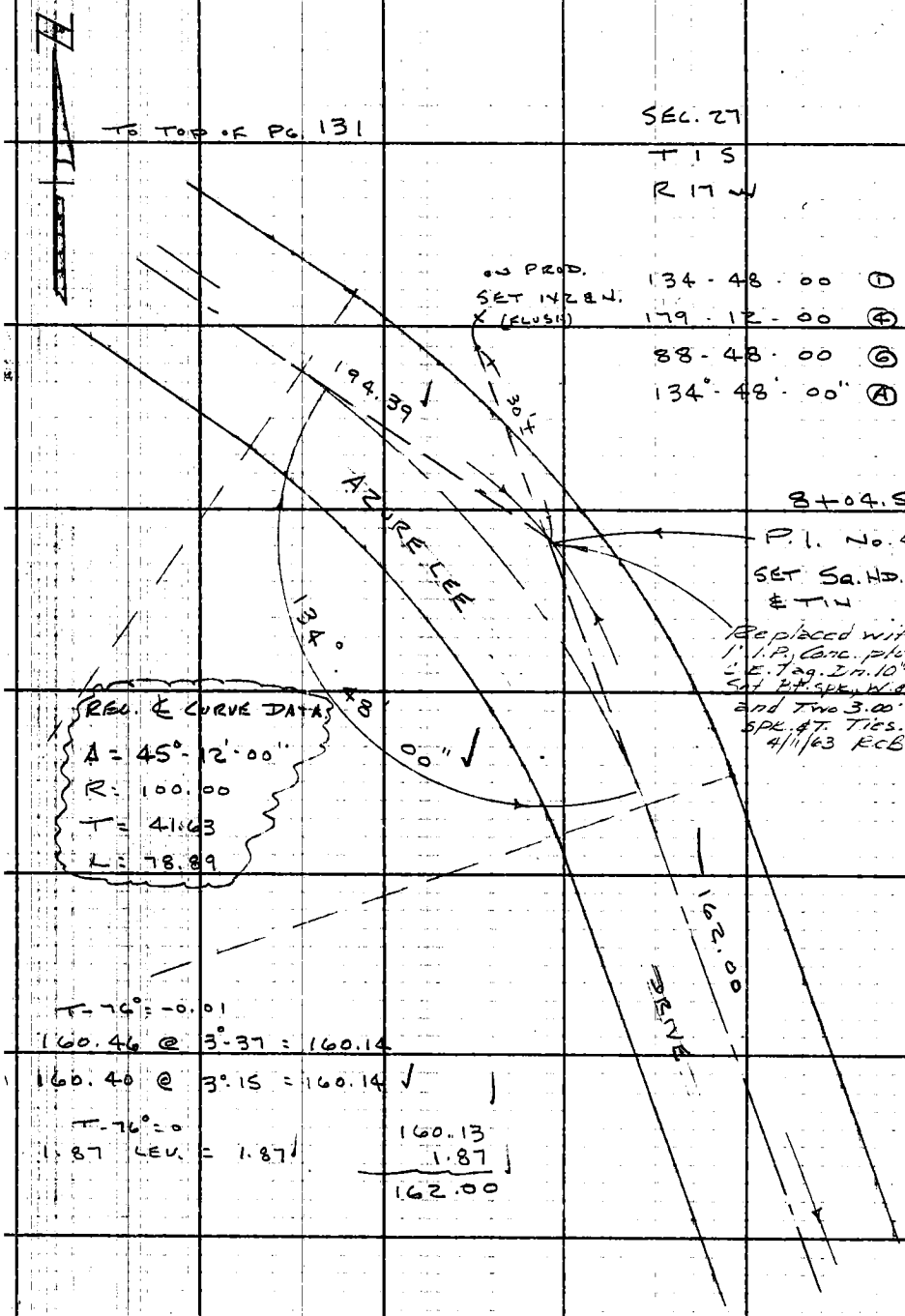
F. B. 3101 PG. 132



T - 76° = -0.01
160.46 @ 3°-37 = 160.14
160.40 @ 3°.15 = 160.14
T - 76° = 0
1.87 LEV. = 1.87

160.13
1.87
162.00

W.S. 89, A-5

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TO TOP LEFT OF PG 133

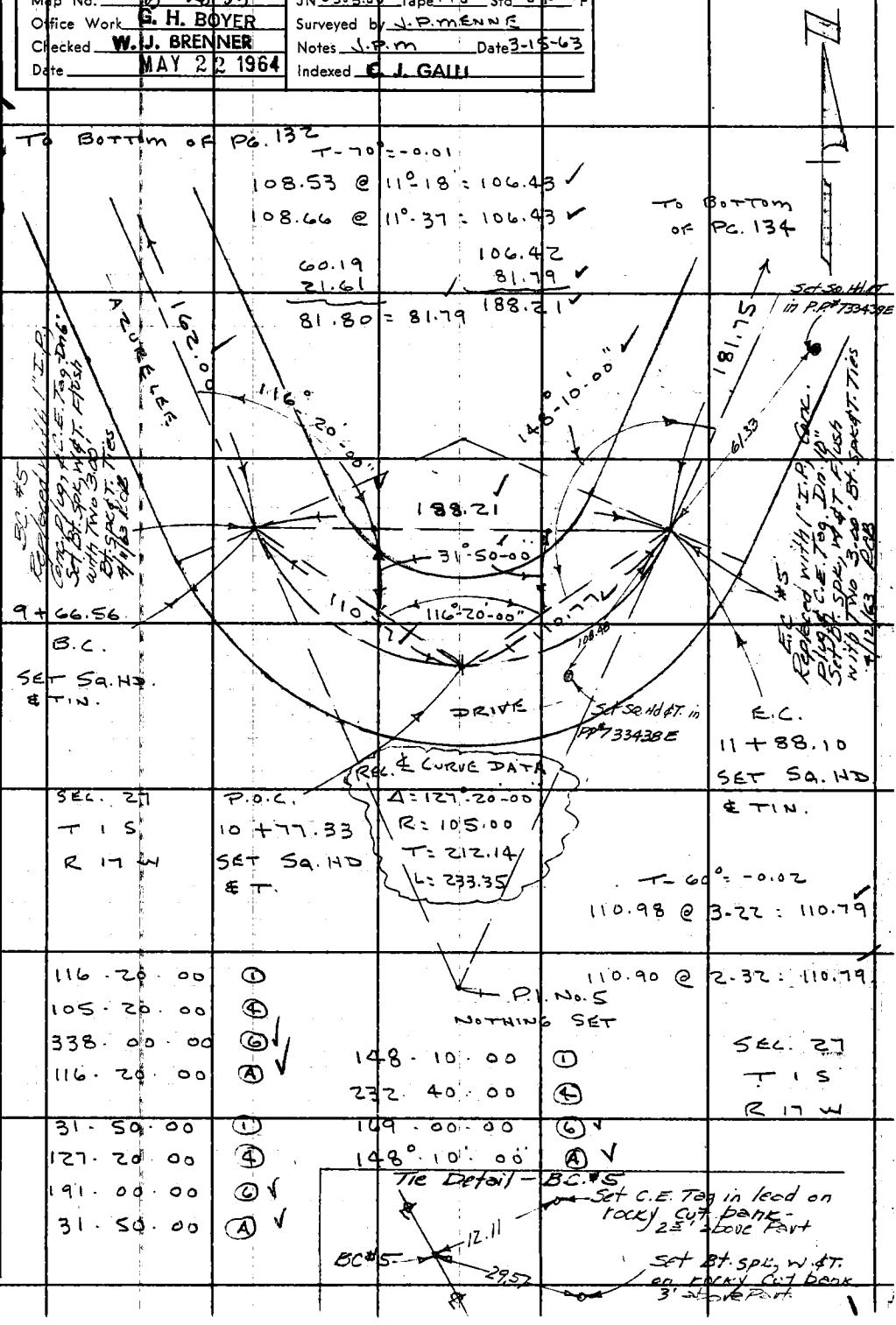
AZURELEE DRIVE

9

Notes Ck'd by W. J. BRENNER	Survey of LAS FLORES, Hume Z IV B
Map No. B-2855	JN 0303.00 Tape 148 Std. 84 °F
Office Work G. H. BOYER	Surveyed by J. P. MENNE
Checked W. J. BRENNER	Notes J.P.M Date 3-15-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 133

W.S.89, A-5



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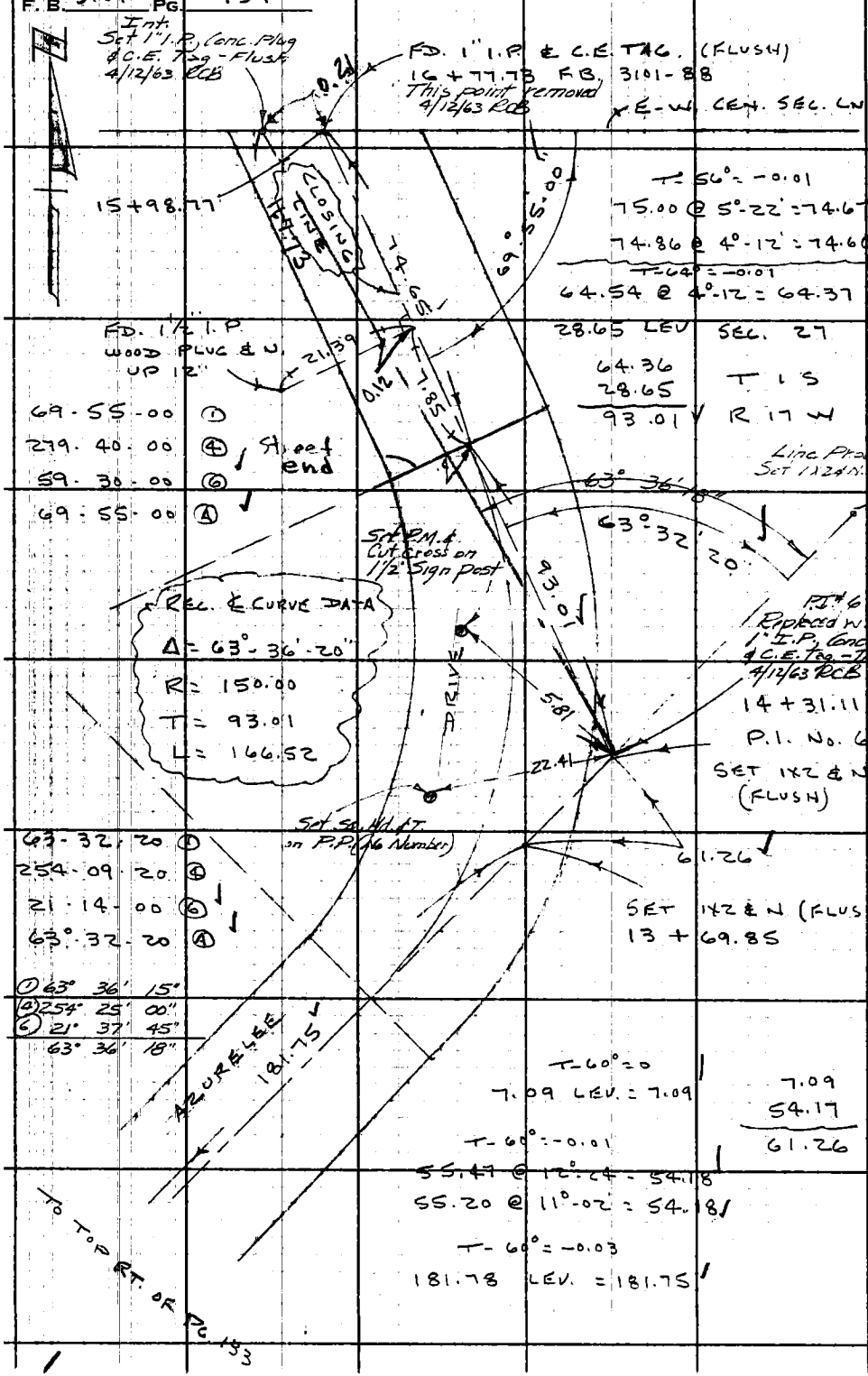
76F3095 CE # 310 3-61

F. B. 3101 PG. 134



W.S. 89, A-5

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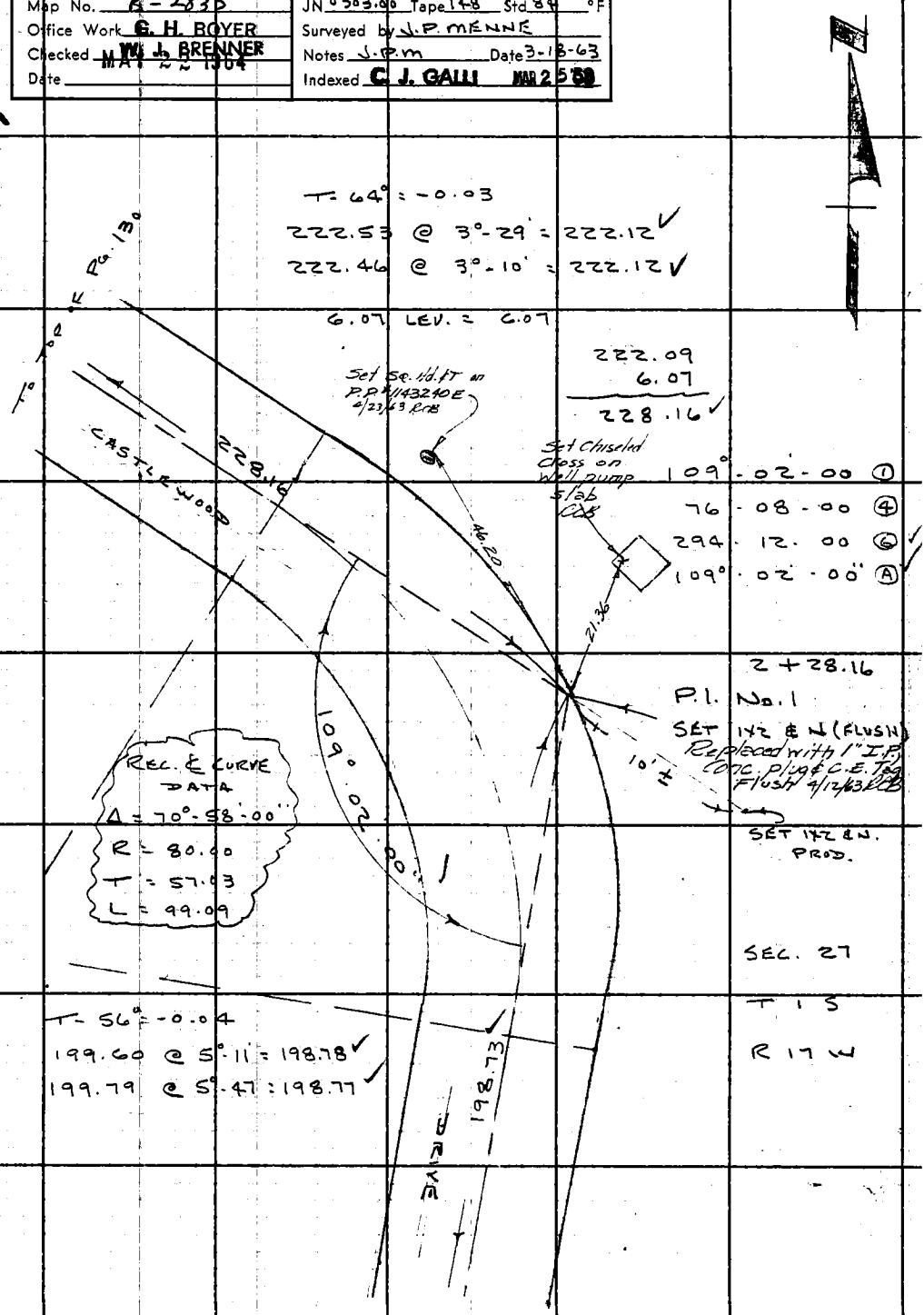
(CASTLEWOOD DRIVE)

Notes Ck'd by W. J. BRENNER	Survey of LAS FLORES HUME 2 IV B
Map No. B-2835	JN 0303.00 Tape 148 Std 84 °F
Office Work G. H. BOYER	Surveyed by J.P. MENNE
Checked W. J. BRENNER MAY 22 1964	Notes J.P.M Date 3-18-63
Date	Indexed C. J. GALLI MAR 25 '63

F. B. 3101 PG. 135

W.S. 89, A-5



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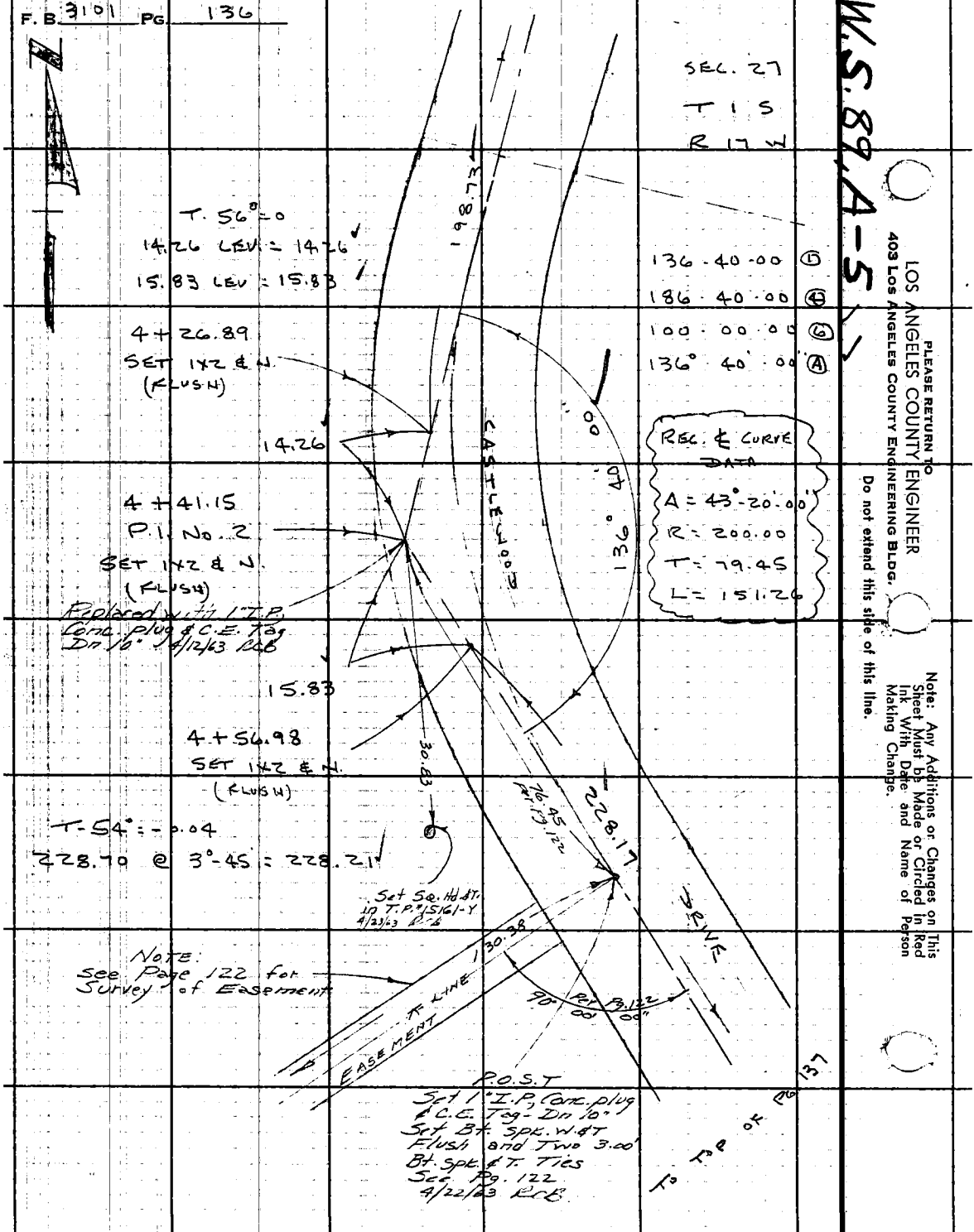
76F309S CE # 310 3-61

TO TOP OF PG. 136

12 TO BOTTOM OF PG. 135

F. B. 3101 PG. 136



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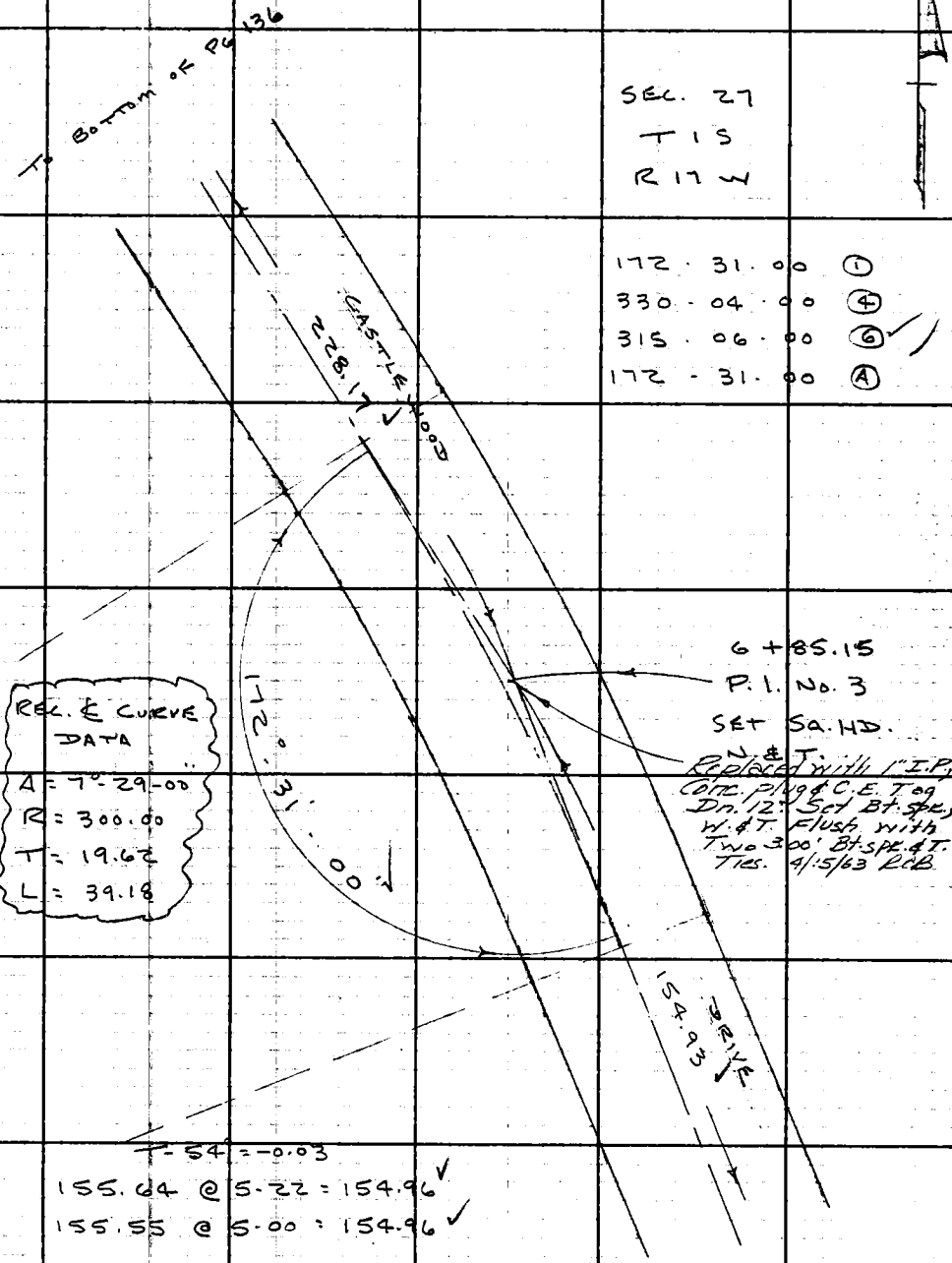
CASTLEWOOD DRIVE

13

Notes Ck'd by W. J. BRENNER	Survey of LAS FLORES HUME 2 IV B
Map No. B-2855	JN 0303.00 Tape 148 Std 84 °F
Office Work G. H. BOYER	Surveyed by J.P. MENNE
Checked W. J. BRENNER	Notes J.P.M Date 3-18-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 137



TO TOP OF PG. 138 X

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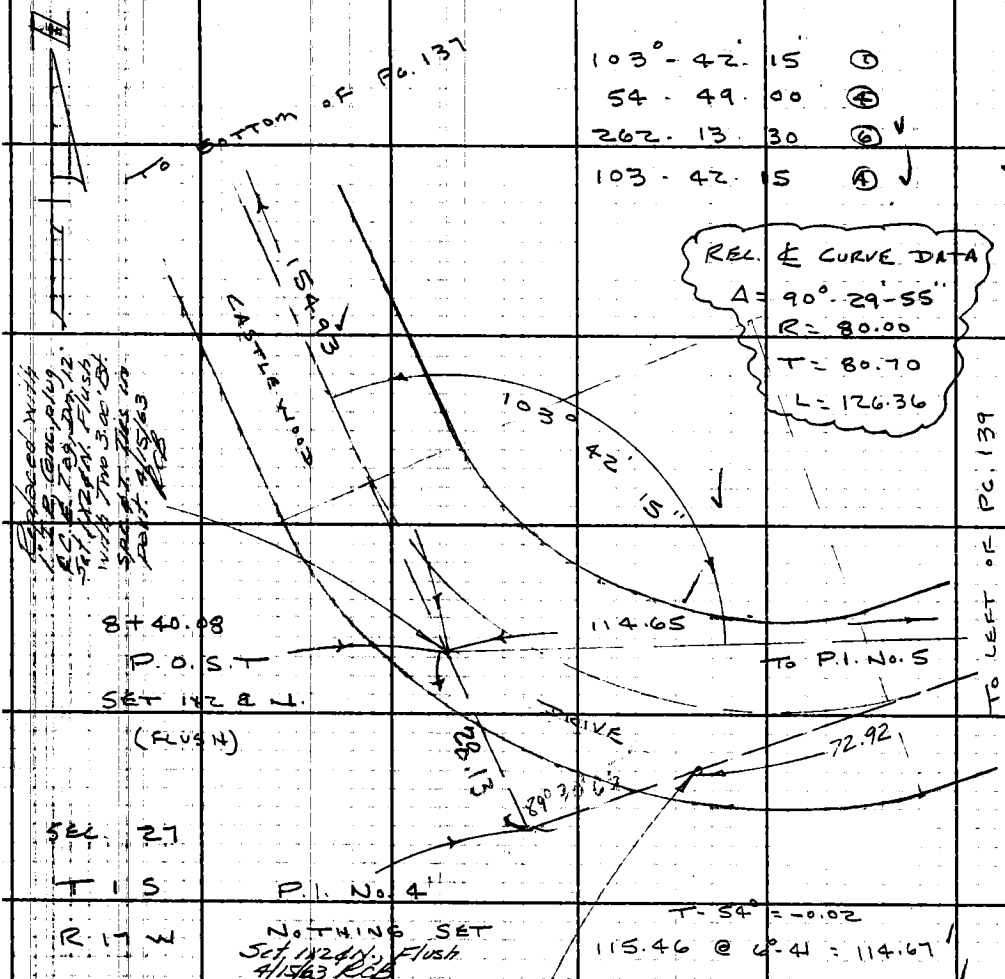
76F3095 CE # 3101 3-61

14

F. B. 3101 PG. 138



W.S. 89, A-5

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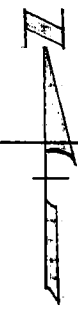
CASTLEWOOD DRIVE

15

Notes Ck'd by W. J. BRENNER	Survey of LAS FLORES HUME 2 IV B
Map No. B-2855	JN 0303.00 Tape 148 Std 84 °F
Office Work G. H. BOYER	Surveyed by S. P. MENNE
Checked W. J. BRENNER	Notes S.P.M. Date 3-18 63
Date MAY 22 1964	Indexed C. J. GALLI

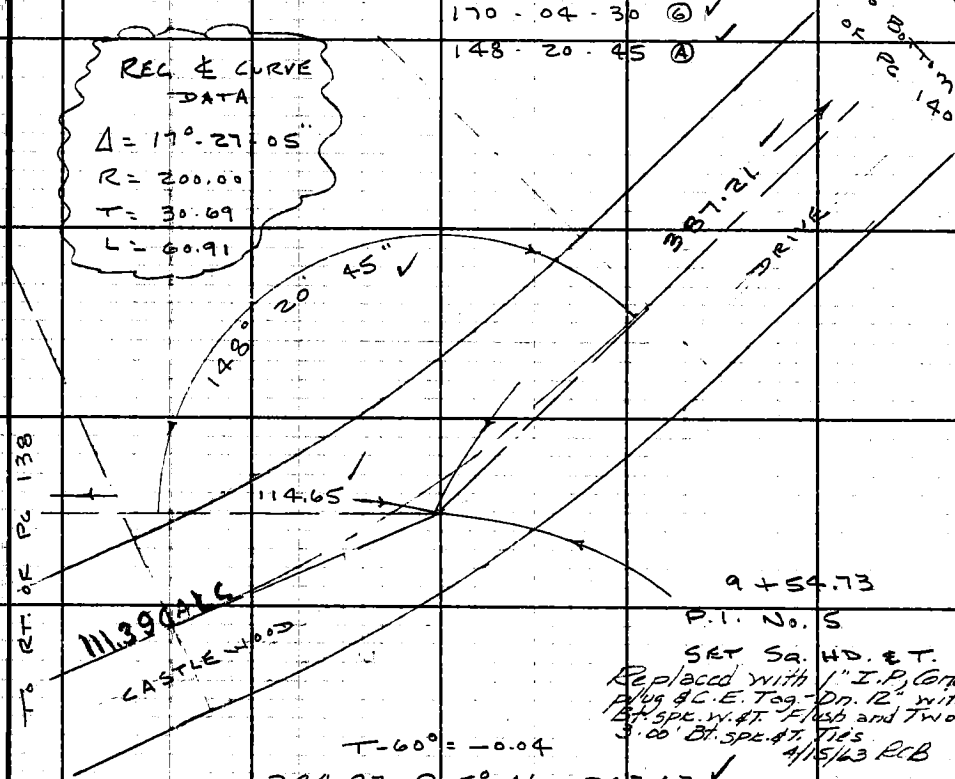
F. B. 3101 PG. 139



SEC. 27
T 1 S
R 17 W

148 - 20 - 45 ①
233 - 23 - 00 ④
170 - 04 - 30 ⑥ ✓
148 - 20 - 45 Ⓐ ✓

REC. ℄ CURVE DATA
Δ = 17°-27-05"
R = 200.00
T = 30.69
L = 60.91



9 + 54.73
P.I. No. 5
SET SQ. HD. & T.
Replaced with 1" I.P. Conc. plug & C.E. Tag - Dn. 12" with Bt. spk. W. & T. Flush and Two 3.00' Bt. spk. & T. Ties
4/15/63 RCB

T-60° = -0.04
244.87 @ 5°-46 : 243.63 ✓
244.78 @ 5°-30 = 243.65 ✓
T-60° = -0.02
143.95 @ 3°-52 = 143.62 ✓
144.09 @ 4°-32 = 143.64 ✓

243.60
143.61
387.21 ✓

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76F309S CE # 310 3-61

X

16

F. B. 3101 PG. 140

T-56 = -0.05

300.43 @ 6-27 = 298.53

300.36 @ 6-18 = 298.55

T-60° = -0.02

159.57 @ 3-33 = 159.26

159.69 @ 4-12 = 159.26

298.49

159.24

457.73

SEC. 27

T 1 S

R 17 W

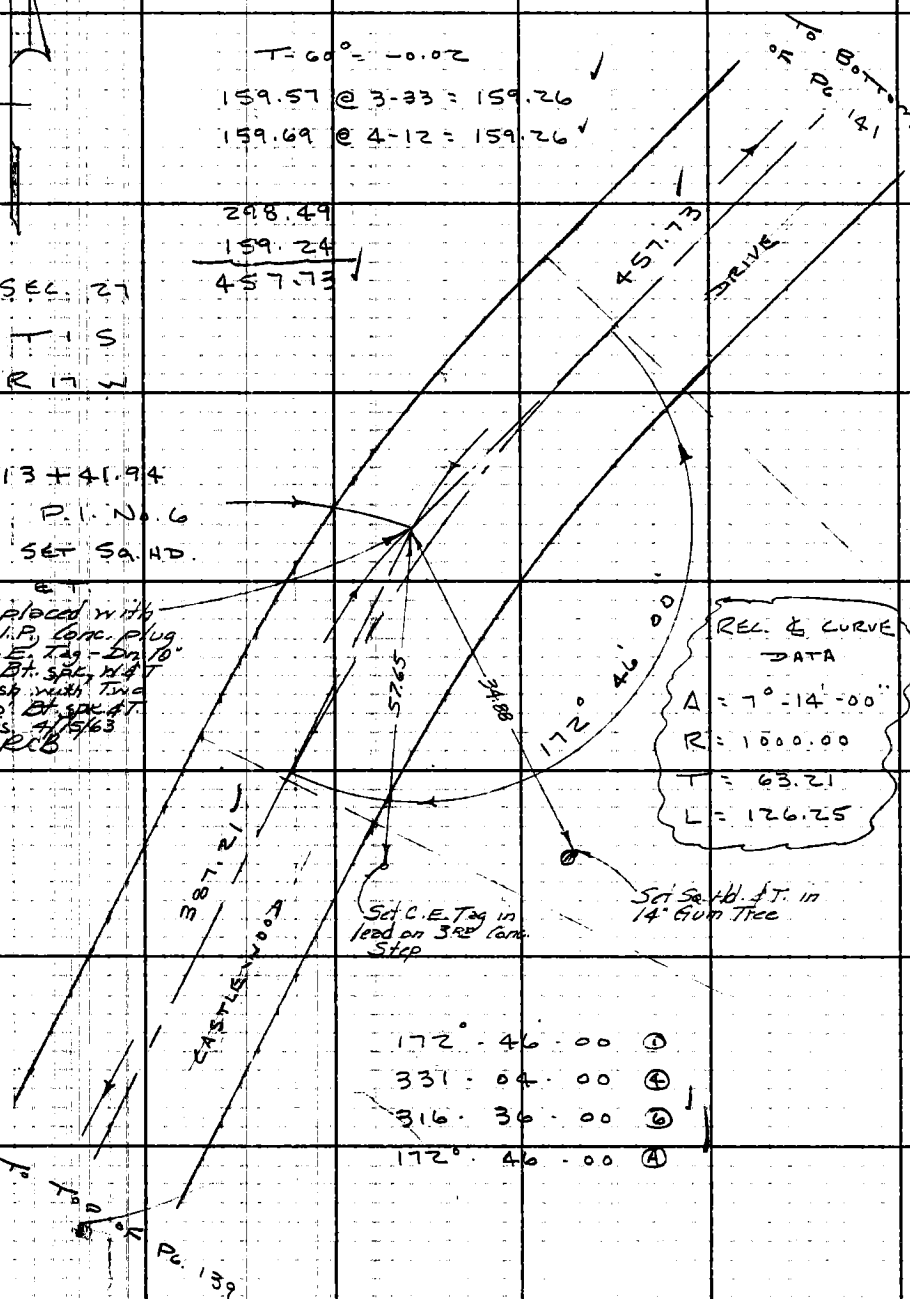
13 + 41.94

P.I. No. 6

SET Sq. HD.

& T.

Replaced with 1" I.P. Conc. plug & C.E. Tag - Dn 10" Set Bt. spk. W & T Flush with Two 3.00' Bt. spk. & T. Ties. 4/5/63 RCB



REC. ℄ CURVE DATA

Δ = 7°-14'-00"

R = 1000.00

T = 63.21

L = 126.25

172° - 46 - 00 ①

331 - 04 - 00 ④

316 - 36 - 00 ⑥

172° - 46 - 00 Ⓐ

W.S. 89, B-5

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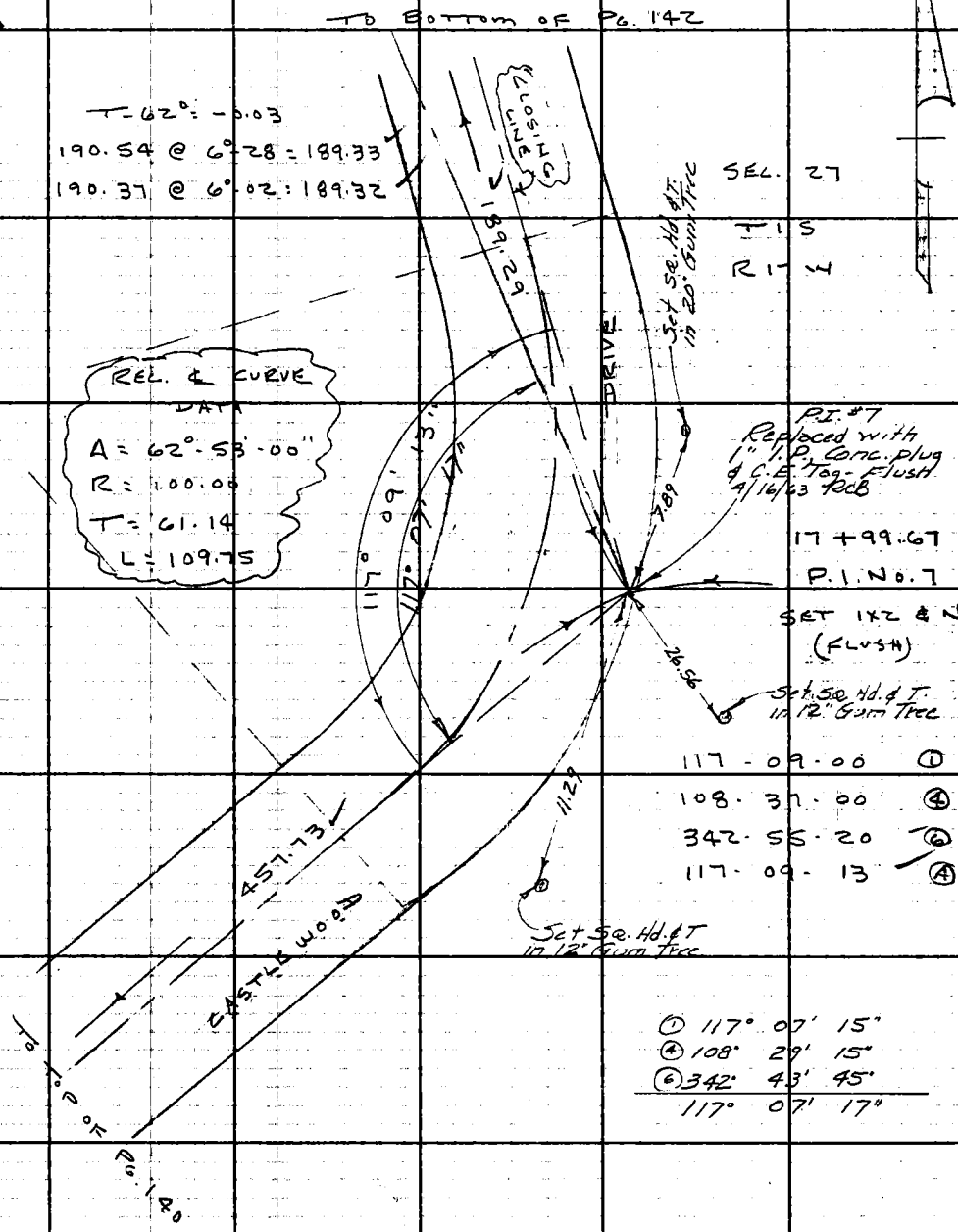
CASTLEWOOD DRIVE

17

Notes Ck'd by W. J. BRENNER	Survey of LAS FLORES HUME 2 IV B
Map No. B-2855	JN 0303.00 Tape 148 Std 84 °F
Office Work G. H. BOYER	Surveyed by J.P. MENNE
Checked W. J. BRENNER	Notes J.P.M Date 3-19-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 141

W.S. 89, B-5



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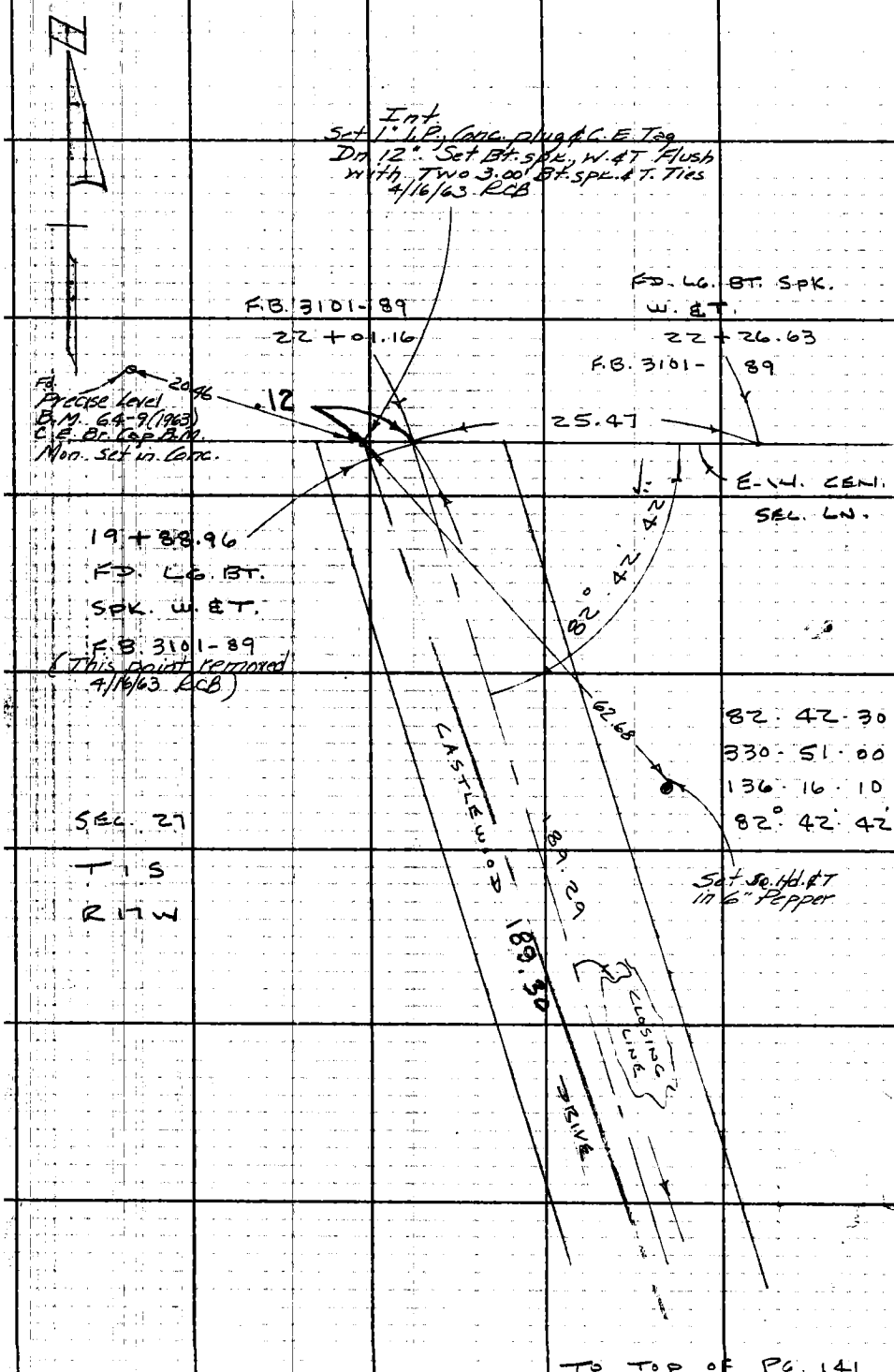
76F309S CE # 310 3-61

F. B. 3101 PG. 142



TO TOP OF PG. 141

W.S. 89 B-5

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Notes Ck'd by W. J. BRENNER	Survey of HUME RD. AREA	F. B. 3101 Pg. 143
Map No.	JN 2215 Tape — Std — °F	
Office Work G. H. BOXER	Surveyed by BAY	
Checked W. J. BRENNER	Notes MATHER Date 3-11-63	
Date	Indexed C. J. GALLI MAR 25 '63	

WATER WORKS DIST. # 29

HUME ROAD AREA

Z IV B

LOCATION OF IMPROVEMENTS

ON

RAMBLA PACIFICO

FROM

N. LINE OF RO. T.M.S. = 1+00

TO

N. LINE OF S.E. 1/4 SEC. 27 = 34+08.22

T1S R17W

• MAR 11-1963

BAY

MATHER

BUSTRUM

OHASHI

McKNIGHT

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76F309S CE #310 6-62

F. B. 3101 PG. 144

NLX. ON RAMBLA PACIFICO

STA.	OFFSET	REMARKS.
0+85 E	18 E LT.	14" TRAN. POLE NUMBER, DESTROYED
1+00	—	B.S. W.I.T. @ INT. OF N. LINE OF RANCHO T.M.S. PER F.B. 3101 —
"	15 L RT.	E.P.
"	16 E RT.	TOE of CUT
"	11 E LT.	E.P.
"	21 E LT.	TOP of FILL
1+50 ±	28 ± RT.	E.P.
"	30 ± RT.	TOE OF CUT
"	01 E LT.	E.P.
"	06 ± LT.	TOP OF FILL
2+00 ±	15 ± RT.	E.P.
"	16 E RT.	TOE OF CUT
"	11 ± LT.	E.P.
"	19 E LT.	TOP OF FILL
2+30 ±	20 E LT.	12" P. POLE # 25360Y
2+50 ±	10 E RT	E.P.
"	13 ± RT.	TOE OF CUT
"	15 ± LT.	E.P.
"	25 ± LT.	TOP OF FILL
3+00 ±	09 E RT.	E.P.
"	11 E RT.	TOE OF CUT
"	15 ± LT.	E.P.
"	35 ± LT.	TOP OF FILL
3+50 ±	11 ± RT.	E.P.
"	13 E RT.	TOE OF CUT
"	16 E LT.	E.P.
"	31 E LT.	TOP OF FILL
3+67 ±	25 E LT.	SOUTH END OF STONE & MORTAR HEADWALL
3+71 E	26 E LT.	INLET OF 18" C.M.P. DN. DRAIN
3+71 E	31 ± LT.	NORTH END OF STONE & MORTAR HEADWALL
3+72 E	24 E LT.	OUTLET OF 18" C.M.P.
3+76 E	17 E LT.	SOUTH END OF STONE & MORTAR WALL FOR PREMIX SPILLWAY

X

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Notes Ck'd by	Survey of HUME RD. AREA
Map No.	JN 2215.14 Tape — Std — °F
Office Work	Surveyed by BAY
Checked	Notes MATHER Date 3-8-63
Date	Indexed C. J. GALLI

F.B. 3101 PG. 145

NLY ON RAMBLA PACIFICO

STATION	OFFSET	DESCRIPTION
3+95.3	09.2 RT.	LEFT EDGE STONE & MORTAR HEADWALL ENCLOSING DIRT SPILLWAY
3+95.9	10.0 RT.	INLET OF 18" CMP.
3+96.2	13.3 RT.	RIGHT EDGE OF STONE & MORTAR HEADWALL ENCLOSING DIRT SPILLWAY
4+00.0	06.5 RT.	E.P.
"	13.0 RT.	TOE OF CUT
"	18.2 LT.	E.P.
"	26.0 LT.	TOP OF FILL
4+02.0	18.6 LT.	END OF STONE & MORTAR SPILLWAY RETAINING WALL.
4+05.7	21.9 LT.	14" TRAN. POLE NO NUMBER.
4+13.0	07.8 RT.	LEFT WALL OF STONE & MORTAR RETAINING WALL ENCLOSING DIRT SPILLWAY
4+41.5	18.0 LT.	CENTER OF PREMIX PATCH CROSSING RD.WY. INDICATING PIPE LINE UNDER SURFACE
4+50.0	04.4 RT.	E.P.
"	14.8 RT.	TOE OF CUT
"	20.4 LT.	E.P.
"	25.5 LT.	TOP OF FILL
4+61.0	04.0 RT.	CENTER OF PREMIX PATCH CROSSING RD.WY. INDICATING PIPE LINE UNDER SURFACE.
4+63.55	—	T.P.I. # 2 BT. SPK. W.&T.
4+54.0	25.5 RT.	SOUTH END OF 7' WIRE FENCE ENCLOSING CONC. BLK. PUMP HOUSE. (U.S. ARMY) THIS PLUS IS OFF THE LINE AHEAD.
4+84.1	07.5 RT.	PREMIX PATCH ACROSS RDWY. INDICATES PIPE LINE UNDER SURFACE
4+87.4	30.7 RT.	NO. END OF 7' WIRE FENCE ENCLOSING CONC. BLK. PUMP HOUSE (PROP. OF U.S. ARMY)
5+00.0	10.2 RT.	E.P.
"	20.0 RT.	TOE OF CUT
"	14.3 LT.	E.P.
"	21.3 LT.	TOP OF FILL

X

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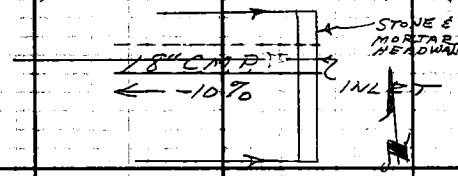
F. B. 3101 Pg 146

NLY ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION
5+15.0	11.2	LT.	PREMIX PATCH CROSSING RDWY. INDICATES PIPE LINE UNDER SURFACE
5+50.0	14.2	RT.	E.P.
"	16.4	RT.	TOE OF CUT
"	08.8	LT.	E.P.
"	17.2	LT.	TOP OF FILL
5+84.2	16.3	LT.	12" P. POLE NO NUMBER
6+00.0	16.3	RT.	E.P.
"	19.9	RT.	TOE OF CUT
"	09.9	LT.	E.P.
"	19.2	LT.	TOP OF FILL
6+50.0	20.9	RT.	E.P.
"	23.9	RT.	TOE OF CUT
"	05.4	LT.	E.P.
"	17.0	LT.	TOP OF FILL
6+74.0	———		INT. ℄ LINE & E.P.
7+00.0	08.3	RT.	E.P.
"	33.3	RT.	E.P.
"	35.5	RT.	TOE OF CUT
"	10.9	LT.	TOP OF FILL
7+00.73	———		T.P.I. #3 1X2 E.N.
7+22.5	05.2	LT.	12" P. POLE NO NUMBER
7+57.0	28.9	RT.	
7+64.5	28.3	RT.	
7+69.0	27.2	RT.	
7+50.0	———		INTER ℄ LINE & E.P.
"	24.3	RT.	E.P.
"	26.5	RT.	TOE OF CUT
"	08.9	LT.	TOP OF FILL
8+00.0	21.4	RT.	E.P.
"	25.3	RT.	TOE OF CUT
"	02.6	LT.	E.P.
"	11.0	LT.	TOP OF FILL



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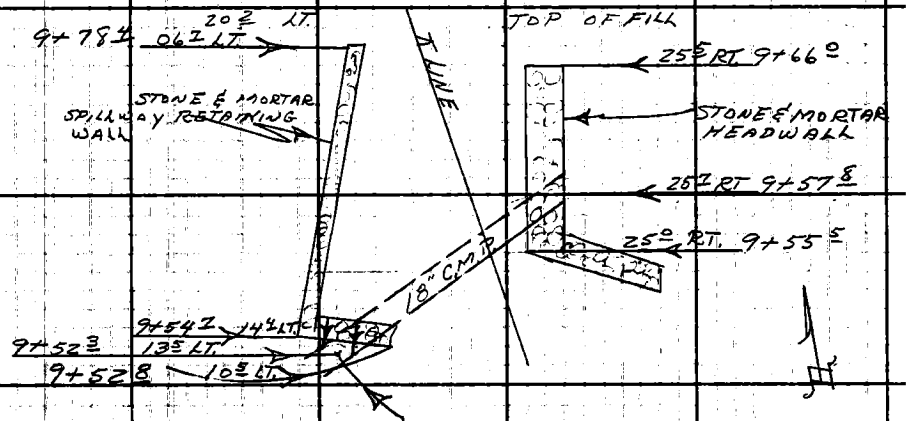
Notes Ck'd by	Survey of HUME RD. AREA
Map No.	JN 2215.14 Tape — Std — °F
Office Work	Surveyed by BAY
Checked	Notes MATHER Date 3-1-63
Date	Indexed E. J. GALLI

F. B. 3101 Pg. 147

NLY ON RAMRIA PACIFICO

STATION	OFFSET		DESCRIPTION
8+50 ±	19 ±	RT.	E.P.
"	24 ±	RT.	TOE OF CUT
"	06 ±	LT.	E.P.
"	13 ±	LT.	TOP OF FILL
8+51 ℄	12 ±	LT.	12" P. POLE NO NUMBER
9+00 ±	12 ±	RT.	E.P.
"	15 ±	RT.	TOE OF CUT
"	16 ±	LT.	E.P.
"	24 ±	LT.	TOP OF FILL
9+09 75	———		T.P.I. # 4 SQ. HD. SPK & TIN
9+50 ±	18 I	RT.	E.P.
"	25 ±	RT.	TOE OF CUT
"	08 ±	LT.	E.P.
"	20 ±	LT.	TOP OF FILL



AT THIS PT. THE 18" C.M.P. THAT RUNS ACROSS THE RDWY. INTERSECTS WITH A 18" C.M.P. VERTICAL DN. DRAIN AND CONTINUES ON THE SLOPE

9+82 ±	29 ℄	RT.	12" P. POLE # 25365Y
10+00 ±	19 ±	RT.	E.P.
"	22 ±	RT.	TOE OF CUT
"	85 ℄	LT.	E.P.
"	12 ±	LT.	TOP OF FILL

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NLY. ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION	
10+50	17	RT.	E.P.	
"	19	RT.	TOE OF CUT	
"	08	LT.	E.P.	
"	09	LT.	TOE OF CUT	
11+00	13	RT.	E.P.	
"	15	RT.	TOE OF CUT	
"	10	LT.	E.P.	
"	12	LT.	TOE OF CUT	
11+20	16	LT.	12" P. POLE	# 25366Y
11+50	13	RT.	E.P.	
"	15	RT.	TOE OF CUT	
"	13	LT.	E.P.	
"	33	LT.	TOP OF FILL	
12+00	14	RT.	E.P.	
"	17	RT.	TOE OF CUT	
"	10	LT.	E.P.	
"	25	LT.	TOP OF FILL	
12+40			T.P.I. #5 SQ HD. SPKETIN	
12+50	20	RT.	E.P.	
"	24	RT.	TOE OF CUT	
"	05	LT.	E.P.	
"	07	LT.	TOE OF CUT.	
12+69	10	LT.	12" P. POLE	#25367Y
13+00	16	RT.	E.P.	
"	18	RT.	TOE OF CUT	
"	09	LT.	E.P.	
"	11	LT.	TOP OF FILL	
13+50	13	RT.	E.P.	
"	15	RT.	TOE OF CUT	
"	09	LT.	E.P.	
"	18	LT.	TOE OF CUT	
13+65	07	LT.	WEST END OF PREMIX PATCH INDICATES PIPE LINE BELOW SURFACE ON RD.WY. FROM THIS STATION (13+65) THE PIPE LINE IS ON THE WESTLY EDGE OF THE RD.WY. SOUTHLY TO STA. (5+15)	

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Map No.	JN 2215.14 Tape — Std — °F	
Office Work	Surveyed by BAY	
Checked	Notes MATHER Date 3-11-63	
Date	Indexed C. J. GALLI	

NLY ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION
13+85.7	11.7	RT.	EAST END OF PREMIX PATCH, INDICATING PIPE LINE BELOW SURFACE. NOTE PIPE LINE NOW ON EASTLY EDGE RD. WY. FROM STA. (13+85.7) TO
14+00.0	14.7	RT.	E.P.
"	20.5	RT.	TOP OF FILL
"	11.5	LT.	EP
"	14.0	LT.	TOE OF CUT
14+14.6	15.8	RT.	8" GUM TREE
14+17.3	16.0	LT.	12" P. POLE #25368Y
14+27.7	14.5	RT.	10" GUY POLE NO NUMBER
14+50.0	07.5	RT.	E.P.
"	07.8	RT.	TOP OF FILL
"	17.5	LT.	EP
"	19.0	LT.	TOE OF CUT
14+67.87	—		P.O.S.T. #1 SQ. HD. SPK & T.
15+00.0	17.2	RT.	E.P.
"	17.5	RT.	TOP OF FILL
"	08.9	LT.	E.P.
"	10.0	LT.	TOE OF CUT
15+22.0	—		INT. ⊼ LINE & E.P.
15+28.0	—		INT. ⊼ LINE & TOE OF CUT
15+47.0	—		INT. ⊼ LINE & TOP OF FILL
15+50.0	05.0	RT.	TOE OF CUT
"	06.8	RT.	E.P.
"	30.8	RT.	E.P.
"	33.5	RT.	TOP OF FILL
15+59.0	64.0	RT.	OUTLET OF 24" C.M.P.
15+74.0	04.3	RT.	12" TRAN. POLE #25370Y
15+77.5	39.0	RT.	14" GUM TREE
15+83.8	02.6	RT.	EAST CORNER OF STONE & MORTAR RETAINING WALL ENCLOSING CONC. SPILLWAY.
15+84.8	02.5	RT.	INLET OF 24" C.M.P.
15+85.0	01.0	LT.	WEST CORNER OF STONE & MORTAR WALL.

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F. B. 3101 PG. 150

NLY. ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION
15+91 ±	07	RT.	EASTLY UPHILL CORNER OF STONE & MORTAR RETAINING WALL
16+00 ±	08	RT.	TOE OF CUT
"	11 ±	RT.	E.P.
"	38 ±	RT.	E.P.
"	47 ±	RT.	TOP OF FILL
16+05 ±	05	RT.	WESTLY UPHILL CORNER OF STONE & MORTAR RETAINING WALL
16+06	46	RT.	20" GUM TREE
16+35			SO. EDGE OF HUME RD
16+41			INT. ℄ LINE & TOP OF FILL
16+42 ±			INT. ℄ LINE & E.P.
16+50	30 ±	RT.	E.P.
"	03	LT.	E.P.
"	05 ±	LT.	TOP OF FILL
16+64 ±	42	RT.	14" P. POLE NO NUMBER
16+94 ±			P.O.S.T. #2 SQ. HD. SPK. & TIN
16+94	10 ±	RT.	EAST END OF STONE & MORTAR WALL
17+00 ±	16	RT.	E.P.
"	10	RT.	TOE OF CUT
"	17	LT.	E.P.
"	22 ±	LT.	TOP OF FILL
17+03	14 ±	RT.	WEST END OF STONE & MORTAR RETAINING WALL.
17+15 ±	12 ±	RT.	EAST END OF STONE & MORTAR RETAINING WALL
17+24 ±	13 ±	RT.	WEST END OF STONE & MORTAR RETAINING WALL
17+26 ±	16	LT.	12" P. POLE NO NUMBER
17+50 ±	13 ±	RT.	E.P.
"	17 ±	RT.	TOE OF CUT
"	11 ±	LT.	E.P.
"	18 ±	LT.	TOP OF FILL
18+00 ±	15 ±	RT.	E.P.
"	17 ±	RT.	TOE OF CUT
"	08 ±	LT.	E.P.
"	15 ±	LT.	TOP OF FILL
18+12 ±	09	LT.	EAST EDGE OF LAMPLIGHTER LANE
18+34 ±	09	LT.	WEST EDGE OF LAMPLIGHTER LANE

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Office Work
Checked
Date

Survey of HUME RD AREA
JN 2213.14 Tape — Std — °F
Surveyed by BAY
Notes MATHER Date 3-11-63
Indexed C. J. GALLI

F. B. 3101 PG. 151

N'LY ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION
18+50	15	RT.	E.P.
"	18	RT.	TOE OF CUT
"	08	LT.	E.P.
"	14	LT.	TOP OF FILL
19+00	15	RT.	E.P.
"	22	RT.	TOE OF CUT
"	08	LT.	E.P.
"	15	LT.	TOP OF FILL
19+36	14	LT.	12" P. POLE # 26433Y
19+50	23	RT.	E.P.
"	31	RT.	TOE OF CUT
"	04	LT.	E.P.
"	09	LT.	TOP OF FILL
19+54.92			T.P.I. # 7 SQ. HD. SPK & TIN
20+00	14	RT.	E.P.
"	19	RT.	TOE OF CUT
"	09	LT.	E.P.
"	15	LT.	TOP OF FILL
20+50	12	RT.	E.P.
"	15	RT.	TOE OF CUT
"	12	LT.	E.P.
"	21	LT.	TOP OF FILL
20+69	22	LT.	12" P. POLE. # 25374Y
21+00	11	RT.	E.P.
"	14	RT.	TOE OF CUT
"	12	LT.	E.P.
"	23	LT.	TOP OF FILL
21+50	11	RT.	E.P.
"	14	RT.	TOE OF CUT
"	14	LT.	E.P.
"	20	LT.	TOP OF FILL
21+87.29			I.P.I. # 8 SQ. HD. SPK & T.

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F. B. 310 / Pg. 152

NAY ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION
22+00	08	RT.	E.P.
"	15	RT.	TOE OF CUT
"	16	LT.	E.P.
"	21	LT.	TOP OF FILL
22+35	20	RT.	END OF STONE & MORTAR HD. WALL ENDING SPILLWAY
22+38	21	RT.	INLET OF 24" CMP (-5% GR. SL.)
22+47	23	LT.	APPROX. LOC. OF 29" C.M.P.(E)
22+50	14	RT.	E.P. TOP OF E'ill Left. (pipe buried)
"	25	RT.	TOE OF CUT
"	11	LT.	E.P.
"	28	LT.	TOP OF FILL
22+54	23	RT.	BEGIN STONE & MORTAR SPILLWAY
22+56	15	LT.	12" P. POLE # 25375 Y
23+00	15	RT.	E.P.
"	24	RT.	TOE OF CUT
"	11	LT.	E.P.
"	21	LT.	TOP OF FILL
23+50	12	RT.	E.P.
"	29	RT.	TOE OF CUT
"	11	LT.	E.P.
"	25	LT.	TOP OF FILL
23+82	14	LT.	12" P. POLE # 24902 Y
24+00	15	RT.	E.P.
"	23	RT.	TOE OF CUT
"	09	LT.	E.P.
"	28	LT.	TOP OF FILL
24+50	16	RT.	E.P.
"	24	RT.	TOE OF CUT
"	10	LT.	E.P.
"	25	LT.	TOP OF FILL
24+74	26	RT.	END STONE & MORTAR RETAINING WALL
24+79	22	RT.	END STONE & MORTAR WING WALL
24+87	15	RT.	BEGIN STONE & MORTAR WING WALL
24+90	22	RT.	END STONE & MORTAR WING WALL
24+91	27	RT.	BEGIN STONE & MORTAR RETAINING WALL

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Map No.	JN 2215/14 Tape — Std — °F
Office Work	Surveyed by BAY
Checked	Notes MATHER Date 3-11-63
Date	Indexed C. J. GALLI

N'LY. ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION
25+00	16	RT.	E.P.
"	27	RT.	TOE OF CUT
"	11 3	LT.	E.P.
"	18	LT.	TOP OF FILL
25+18	17 3	RT.	BEGIN STONE & MORTAR WING WALL
25+50	14	RT.	E.P.
"	29	RT.	TOE OF CUT
"	09	LT.	E.P.
"	13	LT.	TOP OF FILL
25+78	13 5	RT.	12" P. POLE # 249037
26+00	16	RT.	E.P.
"	24	RT.	TOE OF CUT
"	09	LT.	E.P.
"	15	LT.	TOP OF FILL
26+50	17	RT.	E.P.
"	24	RT.	TOE OF CUT
"	09	LT.	E.P.
"	31	LT.	TOP OF FILL
27+00	16 8	RT.	E.P.
"	22	RT.	TOE OF CUT
"	09 8	LT.	E.P.
"	42	LT.	TOP OF FILL
27+27	11 8	LT.	12" P. POLE # 249047
27+50	16 4	RT.	E.P.
"	22	RT.	TOE OF CUT
"	09	LT.	E.P.
"	23 5	LT.	TOP OF FILL
27+70	08 7	LT.	END STONE & MORTAR SPILLWAY
27+86 5	07 2	LT.	BEGIN STONE & MORTAR SPILLWAY
28+00	16 2	RT.	E.P.
"	21	RT.	TOE OF CUT
"	09 2	LT.	E.P.
"	20 5	LT.	TOP OF FILL

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NLY. ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION
28+50	13	RT.	E.P.
"	24	RT.	TOE OF CUT
"	12½	LT.	E.P.
"	23	LT.	TOP OF FILL
28+74	22	LT.	12" P. POLE # 24905Y
28+84	14	RT.	8" Guy POLE # 24906Y
29+00	03½	RT.	E.P.
"	20	RT.	TOE OF CUT
"	26½	LT.	E.P.
"	36	LT.	TOP OF FILL
29+46	43½	RT.	BEGIN STONE & MORTAR WING WALL
29+50	43	RT.	E.P.
"	44½	RT.	TOE OF CUT
"	47½	LT.	E.P.
"	60	LT.	TOP OF FILL
29+57	——		SOUTH EDGE OF AZURIEE DR. PROD.
29+66	17½	RT.	BEGIN SLY. STONE & MORTAR WINGWALL ENCLOSING SPILLWAY
29+80	——		NORTH EDGE OF AZURIEE DR. PROD
29+82	——		T LINE INTERSECT SOUTH STONE & MORTAR WINGWALL
29+84	——		T.P.I. # 9 CHISLED + IN SPILLWAY
29+97½	——		T LINE INT. SOUTH STONE & MORTAR WINGWALL
29+98½	01	RT.	INLET OF 24" C.M.P.
30+00	01½	RT.	FALLS IN SPILLWAY
"	55	LT.	E.P.
"	65	LT.	TOP OF FILL
30+07½	75½	LT.	OUTLET OF 24" C.M.P.
30+27½	04	RT.	END SLY. STONE & MORTAR WINGWALL.
30+50	01	RT.	E.P.
"	12½	RT.	FALL IN SPILLWAY (TOE OF CUT PROD)
"	35	LT.	E.P.
"	45	LT.	TOP OF FILL
30+63½	14	RT.	END NLY. STONE & MORTAR WINGWALL
30+70½	16	RT.	8" Guy POLE NO NUMBER
30+83½	38	LT.	12" P. POLE # 24907Y

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Map No.		JN 2215 14 Tape — Std — °F	
Office Work		Surveyed by BAY	
Checked		Notes MATHER Date 3-12-63	
Date		Indexed C. J. GALLI	

NLY. ON RAMPA PACIFICO

STATION	OFFSET	DESCRIPTION
31+00	07 RT.	E.P.
"	17 RT.	TOE OF CUT
"	25 LT.	E.P.
"	35 LT.	TOP OF FILL
31+29	17 LT.	EASTLY EDGE OF PRI. DR. AT 90°
31+50	14 RT.	E.P.
"	19 RT.	TOE OF CUT
"	15 LT.	E.P.
"	29 LT.	TOP OF FILL
31+67	12 LT.	WESTLY EDGE OF PRI. DR. AT 90°
32+00	23 RT.	E.P.
"	25 RT.	TOE OF CUT
"	03 LT.	E.P.
"	07 LT.	TOE OF CUT
32+13	05 LT.	12" P. POLE # 24909Y
32+14	—	INT. ℄ LINE & E.P.
32+20	—	INT. ℄ LINE & TOE OF CUT
32+50	14 RT.	TOE OF CUT
"	16 RT.	E.P.
"	47 RT.	E.P.
"	52 RT.	TOE OF CUT
32+79	—	INT. ℄ LINE & TOE OF CUT
32+85	—	INT. ℄ LINE & E.P.
33+00	23 RT.	E.P.
"	28 RT.	TOE OF CUT
"	04 LT.	E.P.
"	10 LT.	TOP OF FILL
33+50	11 RT.	E.P.
"	15 RT.	TOE OF CUT
"	12 LT.	E.P.
"	15 LT.	TOP OF FILL
33+68	27 LT.	OUTLET OF 24" CMP.

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NLY. ON RAMBLA PACIFICO

STATION	OFFSET		DESCRIPTION
33+80.5	19.0	LT.	12" P. POLE #19110Y
33+86.2	11.5	RT.	SLY. END OF BOX TYPE STONE & MORTAR SPILLWAY ENCLOSING 24" CM.P.
33+88.5	12.5	RT.	INLET OF 24" CM.P.
34+00.0	11.5	RT.	E.P.
"	15.0	RT.	FALL 3.1 IN SPILLWAY (TOE OF OUTPAD
"	16.2	LT.	E.P.
"	23.0	LT.	TOP OF FILL
34+07.69			P.O.T. PER PG. 85 F.B. 3101 SQ. HD. SPK & T.
34+28.0	14.0	RT.	NLY. END STONE & MORTAR SPILLWAY RETAINING WALL

END

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2215.14

Profile No.	Notes Red Date	Plotted Date	Job No.	Division No. 11	F.B. 3101	PG. 157
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey of HUME ROAD AREA Survey by BAY Notes MATHER Date 3-13-'63 Map No. Indexed C. J. GALLI Date MAR 25 '63			

HUME ROAD AREA

OF

WATERWORKS DIST. NO. 29

PROFILE & DRAIN INVERTS

ON

RAMBLA PACIFICO

FROM

N. LINE OF RO. T.M.S. = 1+00

TO

N. LINE OF S.E. 1/4 OF SEC. 27
T.1S. R.17W. = 34+08.22

MAR. 13, 1963

BAY
MATHER
BUSTRUM
MCKNIGHT
OHASHI

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

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76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.B.M. #7	1 60	808 18		806 58	T.B.M. #7 EL. 806.58 PER FB 3101-66. HUME RD. 350'± EAST OF INT. OF RAMBLA PACIFICO & HUME RD. FD. LG. BT. SPK. IN W. SIDE OF P. POLE #16127Y, UP 1.5'	
	0 50	799 41	9 27	798 91	T.P.	
T.B.M. #10	0 36	798 17	1 60	797 81	T.B.M. #10 EL. PER FB. 3101- INT. OF HUME RD. & RAMBLA PACIFICO. SET LG. BT. SPK. IN SO. SIDE OF P. POLE UP 1.5. 25'± NORTHEASTLY OF INT. OF ABOVE RD. NO NUMBER ON P. POLE.	
T.P.	0 35	787 09	11 43	786 74		
T.P.	0 06	775 78	11 37	775 72		
T.P.	0 10	765 16	10 72	765 06		
T.P.	0 16	753 81	11 51	753 65		
T.P.	0 54	742 35	12 00	741 81		
T.P.	0 51	733 64	9 22	733 13		
T.P.	0 89	722 77	11 76	721 88		
T.P.	0 34	711 41	11 70	711 07		
T.P.	0 43	700 92	10 92	700 49		
T.P.	0 31	689 50	11 73	689.19	T.B.M. #11 EL. PER FB. 3101- 4'± SO. OF RO. LINE AND 16'± WEST OF WHITE LINE ON RAMBLA PACIFICO RD. SET LG. BT. SPK. IN W. SIDE OF 12" P. POLE #966877E. UP 1.5'.	
T.P.	0 34	678 92	10 92	678 58		
T.B.M. #11	0 37	671 44	7 85	671 07		
T.B.M. #12			8 00	663 44	T.B.M. #12 EL. PER FB. 3101- 90'± SO. OF RO. LINE, 75'± W. OF WHITE LINE ON RAMBLA PACIFICO RD. FD. 1" CAPPED G.M.P. UP 3" STAMPED "C.C. 3 R.E. 5869" = FLOOD HAZARD CONTROL POINT.	
	COMMENCE PROFILE ON RAMBLA PACIFICO					
					LT. (WLY)	℄ ⊼ LINE RT. (ELY)
1+00				668 54	B.S. W & T	RAMBLA PACIFICO INT. OF RO. T.M.S. LINE
"				667 97		3.5 RT. ℄ PVM'T.

F.B. 3101 Pg. 158 Job No. 2215.14 Division No. 11 Notes Red Plotted Profile
Survey of HUME RD. AREA Date Date No. X-Sec.
Survey by BAY Notes MATHER Notes Chkd. Checked
Indexed C. J. GALLI Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LT. (WLY.)	℄ LINE	RT. (ELY.)
T.P.				67.040			
1+52.19				67393	T.P.I. #1 B.S.W.L.T.		
2+00				67574		2° RT. ℄ PVM'T.	
T.P.				67933			
3+00				68367	2.5 LT. ℄ PVM'T.		
T.P.				68838			
3+72.6				68551	24.9 LT. OUTLET OF 18" C.M.P. (INVERT)		
3+75.9				68850		10° RT. INV. EL. @ INLET TO 18" C.M.P.	
3+88				69074	5' LT. = ℄ PVM'T. EL. OVER 18" C.M.P.		
4+00				69177	6' LT. = ℄ PVM'T.		
T.P.				69702			
4+63.55				69864	T.P.I. #2 BT. SPK W.L.T.		
5+00°				69970	2' LT = ℄ PVM'T.		
T.P.				70593			
6+00				70783	3.5' RT = ℄ PVM'T.		
T.P.				71496			
7+00"				71635	21' RT = ℄ PVM'T.		
7+64.5				71528	28.9 RT = INVERT OF 18" C.M.P. AT INLET NOTE! THIS PIPE HAS -10% GRADE W.LY. OUTLET INACCESSABLE!		
X 7+646				71997	11' RT = ℄ PVM'T. EL. OVER 18" C.M.P.		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____ F.B. 3101 PG. 159
X-Sec. No. ____ Date ____ Date ____ Survey of Humble Rep. Area
Notes Chkd. ____ Checked ____ Survey by BAY Notes MATHER Date 3-13-63
Date ____ Date ____ Map No. ____ Indexed E. J. GAU Date ____

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F.B. 3101 Pg. 160 | Job No. 2215.14 Division No. | Notes Red | Date | Plotted | Date | Profile No. | X-Sec. No.
Survey of HUME RD AREA | Notes Chkd. | Date | Checked | Date
Survey by BAY Notes MATHER
Indexed

RAMBLA PACIFICO

STATION	B.S.	H.I.	F.S.	ELEV.	LT. (WLY)	℄ LINE	RT. (ELY)
8+00.0				723.03	9.4 RT. = ℄ PVM'T.		
T.P.				723.53			
9+00.0				731.62	2' LT. = ℄ PVM'T.		
T.P.				732.49			
9+52.3				728.70	13.5 LT. OUTLET OF 18" C.M.P. (INVERT)		
9+57.8				733.63	25.2 RT. INLET OF 18" C.M.P. (INVERT)		
9+57.0				736.17	5' RT. = ℄ PVM'T. EL. OVER 18" C.M.P.		
10+00.0				740.50	7' RT. = ℄ PVM'T.		
T.P.				741.33			
11+00.0				749.23	1.5' RT. = ℄ PVM'T.		
T.P.				750.31			
12+00.0				758.30	2.0' RT. = ℄ PVM'T.		
T.P.				759.74			
12+40.10				762.70	T.P.I. #5 SQ.HD.SPK.&T.		
13+00.0				766.03	3.1 RT. = ℄ PVM'T.		
T.P.				769.01			
14+00.0				773.42	0.3 RT. = ℄ PVM'T.		
T.P.				778.13			
14+67.87				779.38	P.O.S.T. #1 SQ.HD.SPK.&T.		
15+00.0				780.49	5' RT. = ℄ PVM'T.		
T.P.				787.02			

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RAMBLA PACIFICO

Profile No. ____ Notes Red. ____ Date ____
X-Sec. No. ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 2215.14 Division No. ____ Survey of HUME RD. AREA
Survey by BAY Notes MATHEW Date 3-13-63
Map No. ____ Indexed P. J. GALLI Date ____
F.B. 3101 PG. 61

STATION	B.S.	H.I.	F.S.	ELEV.	LT. (WLY) — ℄ LINE — RT. (ELY)
15+59.0				77750	64.0' RT. = OUTLET OF 24" C.M.P. (INVERT
15+84.8				78374	02.5' RT. = INLET OF 24" C.M.P. (INVERT)
15+76.0				78709	22.0' RT. = ELEV. OVER 24" C.M.P. & PVM'T.
16+00.0				78944	24.5' RT. = ℄ PVM'T.
T.P.				79263	
T.B.M.#10				79784	T.B.M.#10 ELEV. = 787.81 PER F.B. 3101 — INT. OF HUME, RD. & RAMBLA PACIFICO, SET L.S. B.T. SPK. IN SO. SIDE OF P. POLE U.P.I.E. 25'± NORTHEASTLY OF INT. OF ABOVE
	(CORRECTED)			79781	RD.S. NO NUMBER ON P. POLE.
16+84.32				79858	P.O.S.T.#2 SQ.HD. SPK & T
17+00.0				79880	4.0' LT. = ℄ PVM'T.
T.P.				80147	3.4' RT. = ℄ PVM'T.
18+00.0				80735	
T.P.				81030	
19+00.0				81768	3.5' RT. = ℄ PVM'T.
T.P.				81916	
19+54.94				82505	T.P.I. #7 = SQ. HD SPK. & T.
20+00.0				82747	21' RT. = ℄ PVM'T.
T.P.				82798	
T.P.				83707	
21+00.0				83786	09.0 RT. = ℄ PVM'T
X T.P.				84575	
21+87.29				84797	T.P.I. #8 SQ. HD. SPK & T.

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RAMBLA PACIFICO

STATION	B.S.	H.I.	F.S.	ELEV.	LT. (WLY.) ⊼ LINE RT. (ELY.)
22+00°				84804	3.7' LT. = ℄ PVMT.
22+38.5				84017	21.8' RT. INLET OF 24" C.M.P. (INVERT) NOTE! OUTLET-
22+41.6				85240	2.2 RT. EL. OVER 24" C.M.P. AT ℄ PVMT. INCCESSABLE, PIPE HAS -5% GRADE AND CHANGES GRADE AT TOP OF FILL LEFT = (22+44.5 22° LT.)
T.P.				85505	
23+00°				85842	2° RT = ℄ PVMT.
T.P.				86378	
24+00°				86896	3.0' RT = ℄ PVMT.
T.P.				87233	
25+00°				87953	2.8' RT = ℄ PVMT.
T.P.				88101	
26+00°				89006	3.5' RT. = ℄ PVMT.
T.P.				88988	
T.P.				89868	
27+00°				90060	3.4' RT = ℄ PVMT.
T.P.				90773	
28+00°				91107	3.5 RT = ℄ PVMT.
T.P.				91630	T.B.M. #8 EL. 919.44 INT. AZURIEE DR. & RAMBLA PACIFICO - 30'± S. OF SET LG. BT. SPK. IN E. SIDE OF P. POLE #24905Y, UP 1.0'
T.B.M. #8				919.49	
		(CORRECTED)		→ 919.44	
29+00°				92211	11.5 LT. = ℄ PVMT.
T.P.				92826	

F.B. 3101 P.G. 162 Job No. 2215.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of HUME RD AREA Date ____ Date ____ No. ____ X-Sec. ____
Survey by BAY Notes MATHER Notes Chkd. ____ Checked ____ No. ____
Indexed B. J. GALLI Date ____ Date ____ Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	LT. (S.W.) TLINE	RT.(NE)
29+84.99				93131	T.P.I. #9 CHISLED + IN STONE & MORTAR SPILLWAY	
29+98.5				92911	1.2' RT. INVERT OF 24" C.M.P. INLET.	
30+00.0				93139	27.9 LT. OF TLINE EL. OVER 24" C.M.P. AT ℄	
30+00.0				93141	27.1 LT. = ℄ PVM'T.	
30+07.3				91992	75.7 LT = OUTLET OF 24" C.M.P. (INVERT)	
T.P.				93707		
31+00.0				94030	8.1' LT. = ℄ PVM'T.	
T.P.				94594		
32+00.0				95096	10.0 RT = ℄ PVM'T.	
T.P.				95528		
33+00.2				95872	9.2 RT = ℄ PVM'T.	
T.P.				96369		
33+68.0				95868	27.5 LT. OUTLET OF 24" C.M.P. (INVERT) EL.	
33+81.2				96677	00.5 RT. OF ℄ P.V.M'T. EL. OVER 24" C.M.P. AT ℄ PVM'T	
33+88.5				96236	12.3 RT. INLET OF 24" C.M.P. (INVERT) EL.	
34+00.0				96840	2.5' LT. = ℄ PVM'T.	
				96870	BT. SPK. W.S.T. INT. ℄ SECTION LINE & ℄ RAMBLA PACIFICO RD.	
T.P.				95895		
T.P.				94986		
T.P.				94089		
T.P.				93174		

Profile Notes Red. No. Date
X-Sec. Notes Chkd. No. Date
Plotted Date
Checked Date
Job No. 27514 Division No.
Survey of Hume Rd. AREA
Survey by BAY Notes MATHEK Date 3-14-63
Map No. Indexed C. J. GALLI Date
F.B. 3101 PG. 63

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RAMBLA PACIFICO

STATION	B. S.	H. I.	F. S.	ELEV.	℄ LINE
T.P.				92389	
T.B.M. #8				91942	T.B.M. #8 ELEV. 919.44, INT. AZURIEE DR. & RAMBLA PACIFICO - 30'± S. OF SET LG. BT. SPK IN E. SIDE OF P.P.# 24905Y, UP 1.0'
				END	

F.B. 3101 Pg. 164 Job No. 2215.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of HUME RD AREA Date ____ Date ____ No. ____
Survey by BAY Notes MATHER Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. I. GALLI Date ____ Date ____ No. ____

Notes Ck'd by		Survey of Las Flores Hume	F. B. 3101 Pg. 165
Map No.		JN 2215.14 Tape	Std °F
Office Work		Surveyed by E. English	
Checked		Notes E. Shoemaker Date 3-15-63	
Date		Indexed E. J. GALLI MAR 2 1963	

WATER WORKS DIST. 29

LAS FLORES HUME

J.N. 2215.14

LAMPLIGHTER LANE & HUME RD

TOPOGRAPHY

March 15, 1963

E. English
E. Shoemaker
G Tollison
G Masuda
H. Robbins

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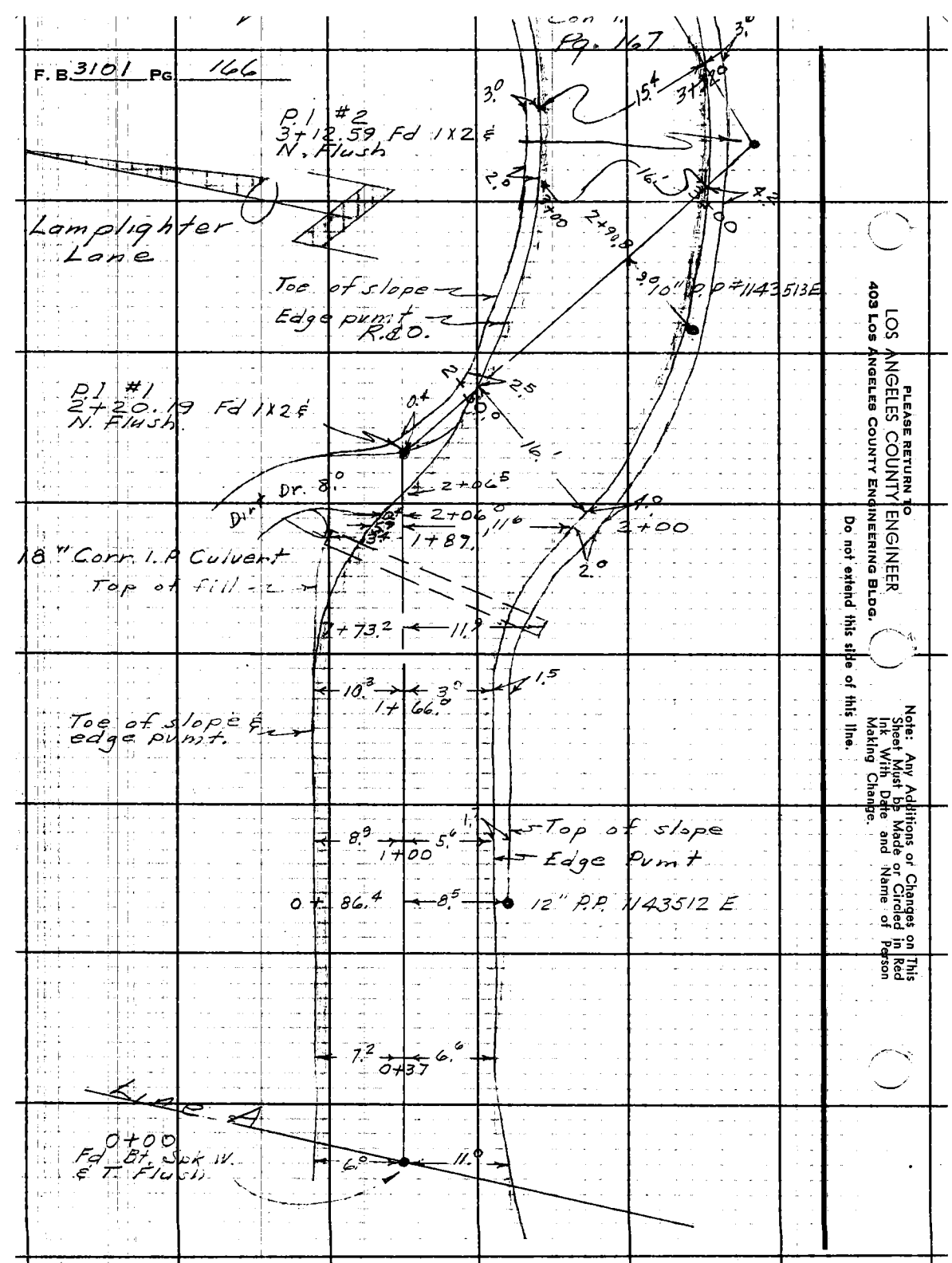
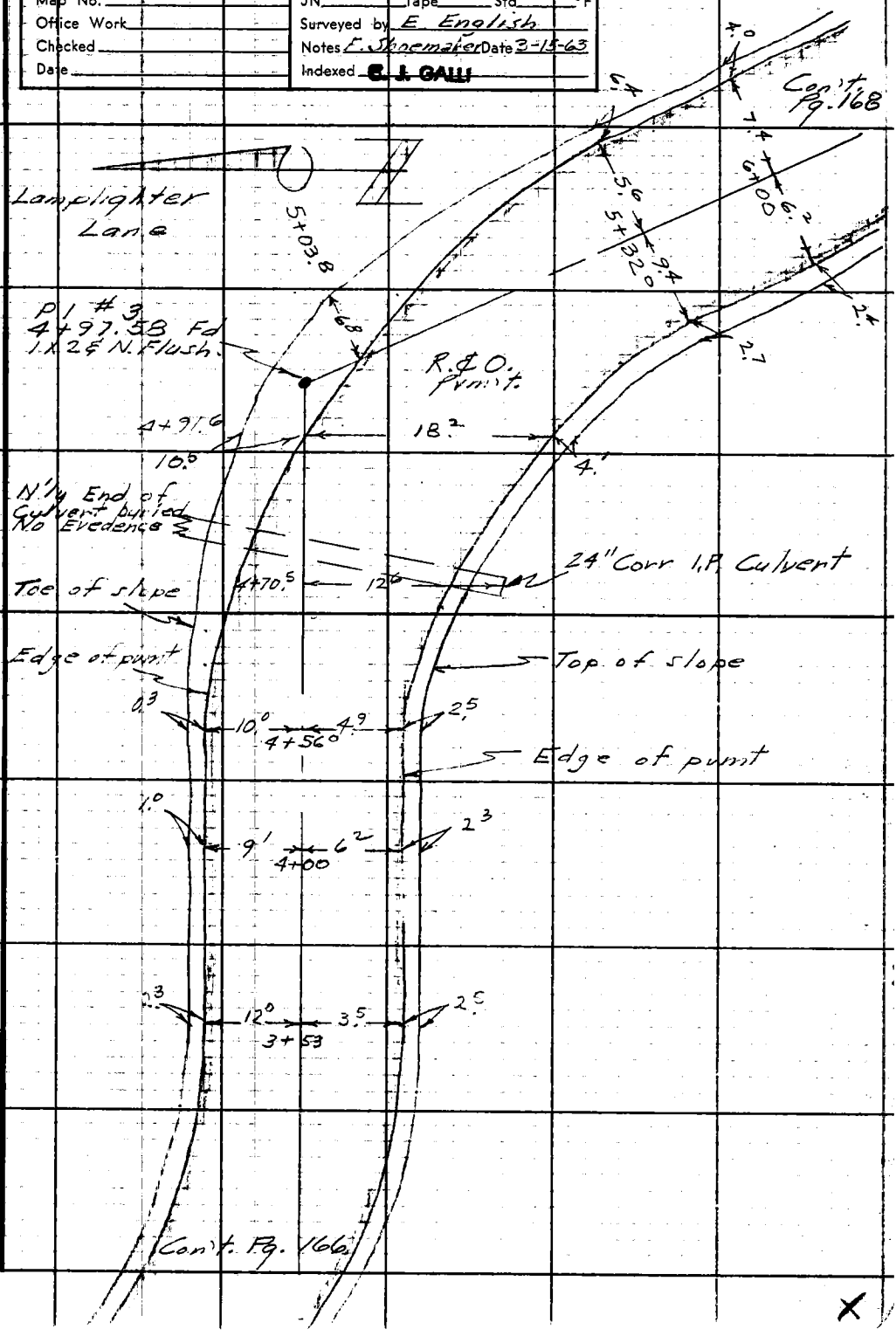
7GF3099 CE # 310 3-61

F. B. 3101 Pg. 166



Notes Ck'd by	Survey of Los Flores Hume
Map No.	JN Tape Std °F
Office Work	Surveyed by E English
Checked	Notes F. Shoemaker Date 3-15-63
Date	Indexed G. J. GALLI

F. B. 3101 PG. 167



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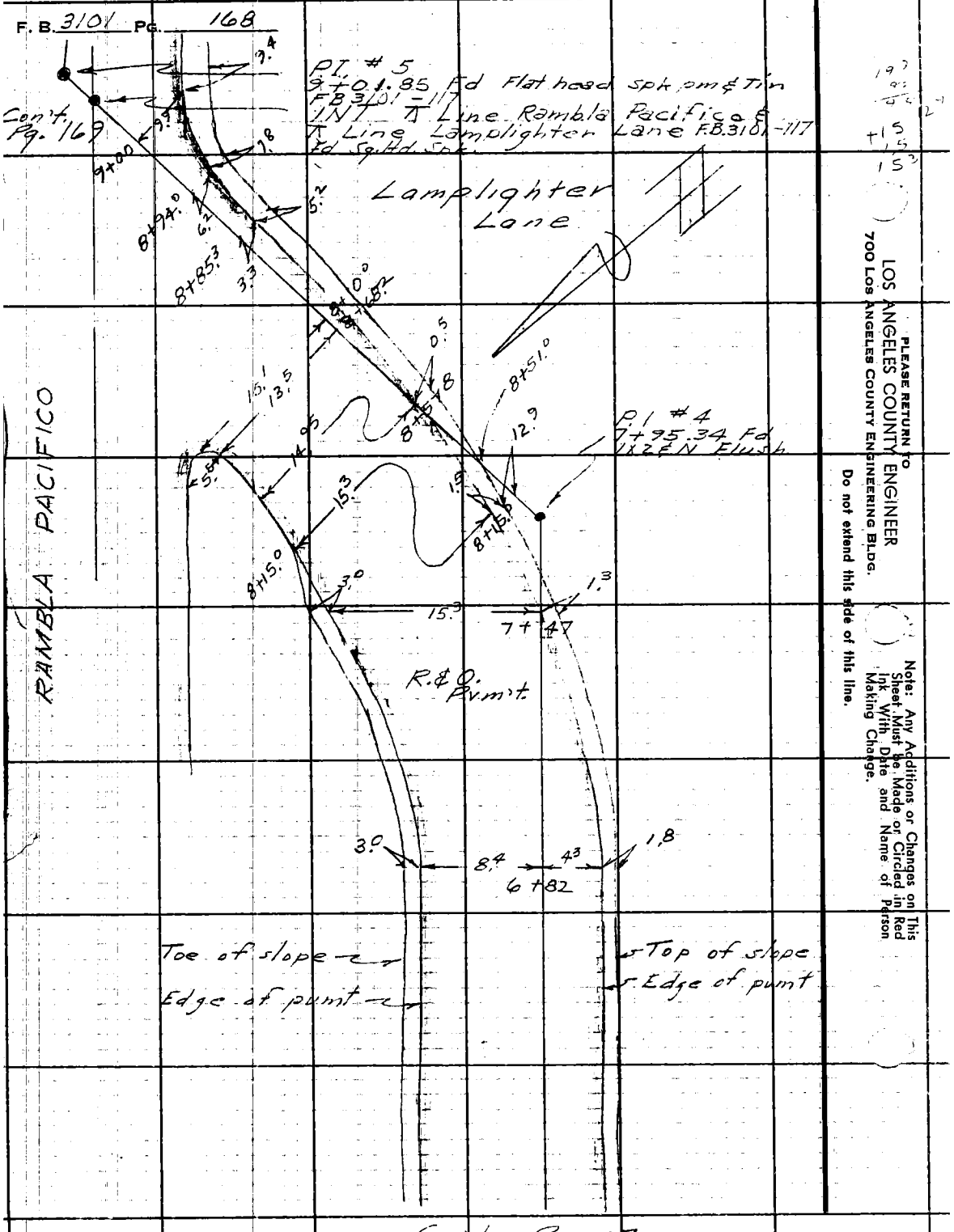
76F309S S&E #247 11-58

F. B. 3101 Pg. 168



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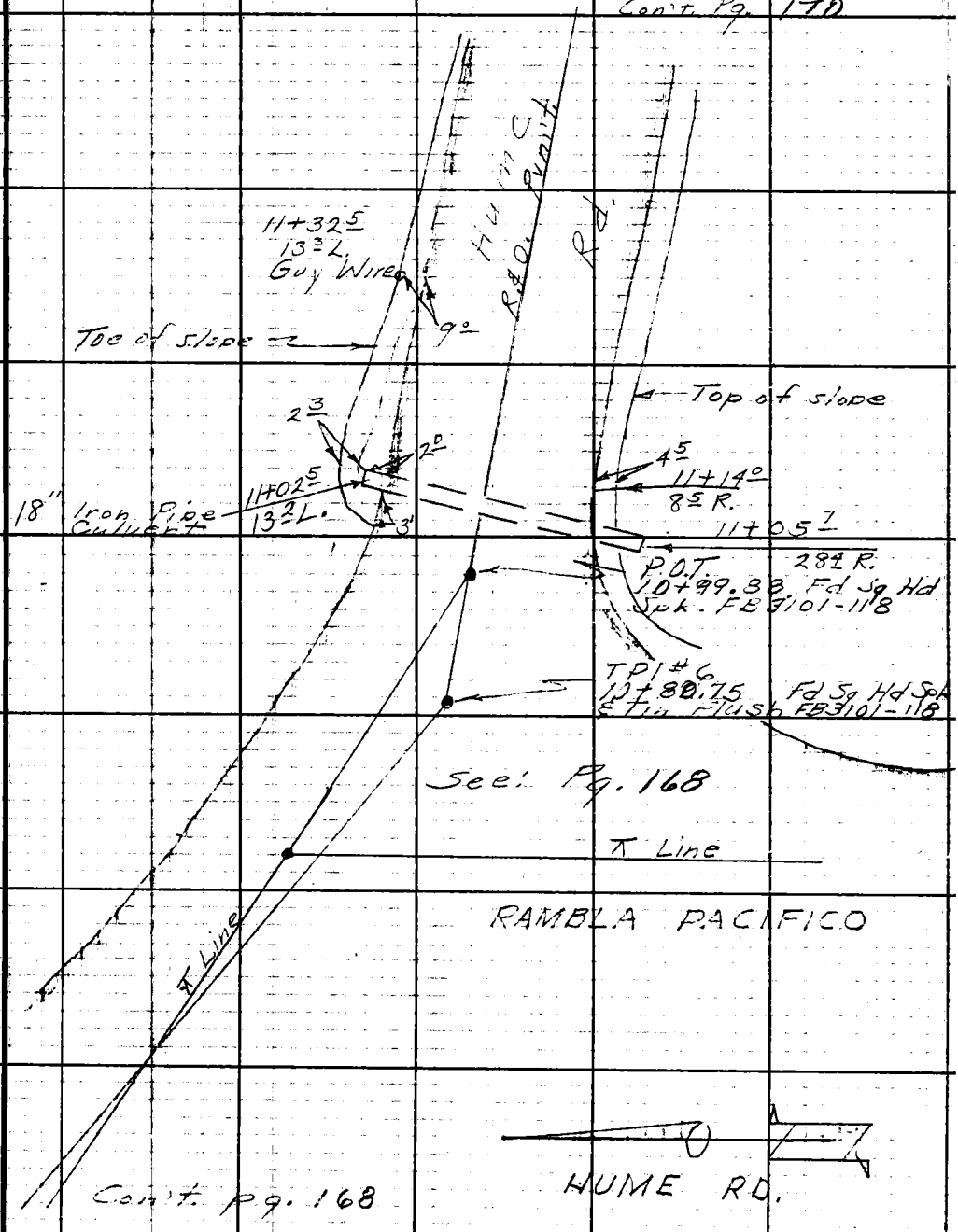
Map No.	JN 22/5.14 Tape Std °F
Office Work	Surveyed by E. English
Checked	Notes E. Shoemaker Date 3-15-63
Date	Indexed E. J. GALLI

F. B. 3101 PG. 169

Con't. Pg. 170



Con't. pg. 168

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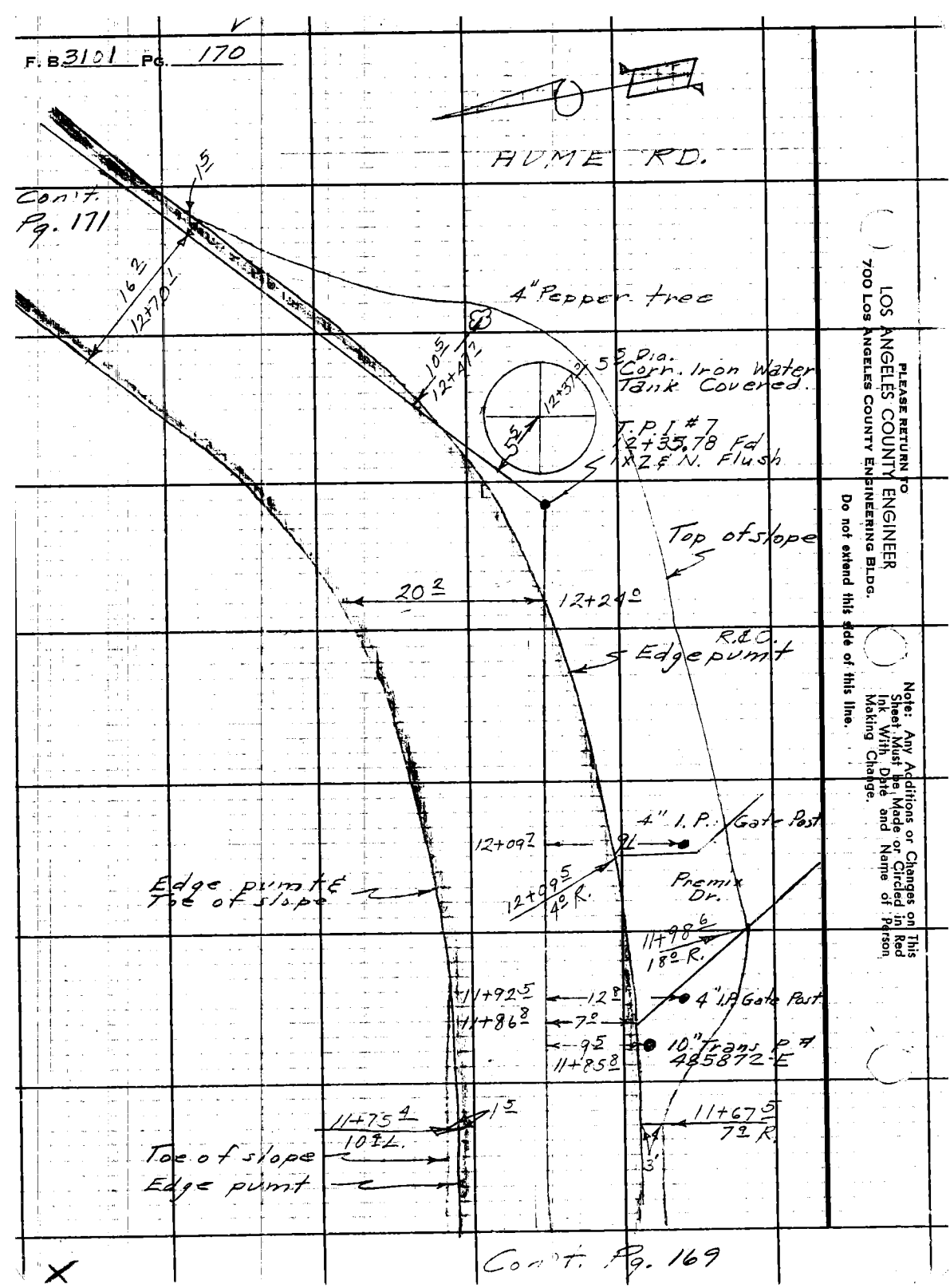

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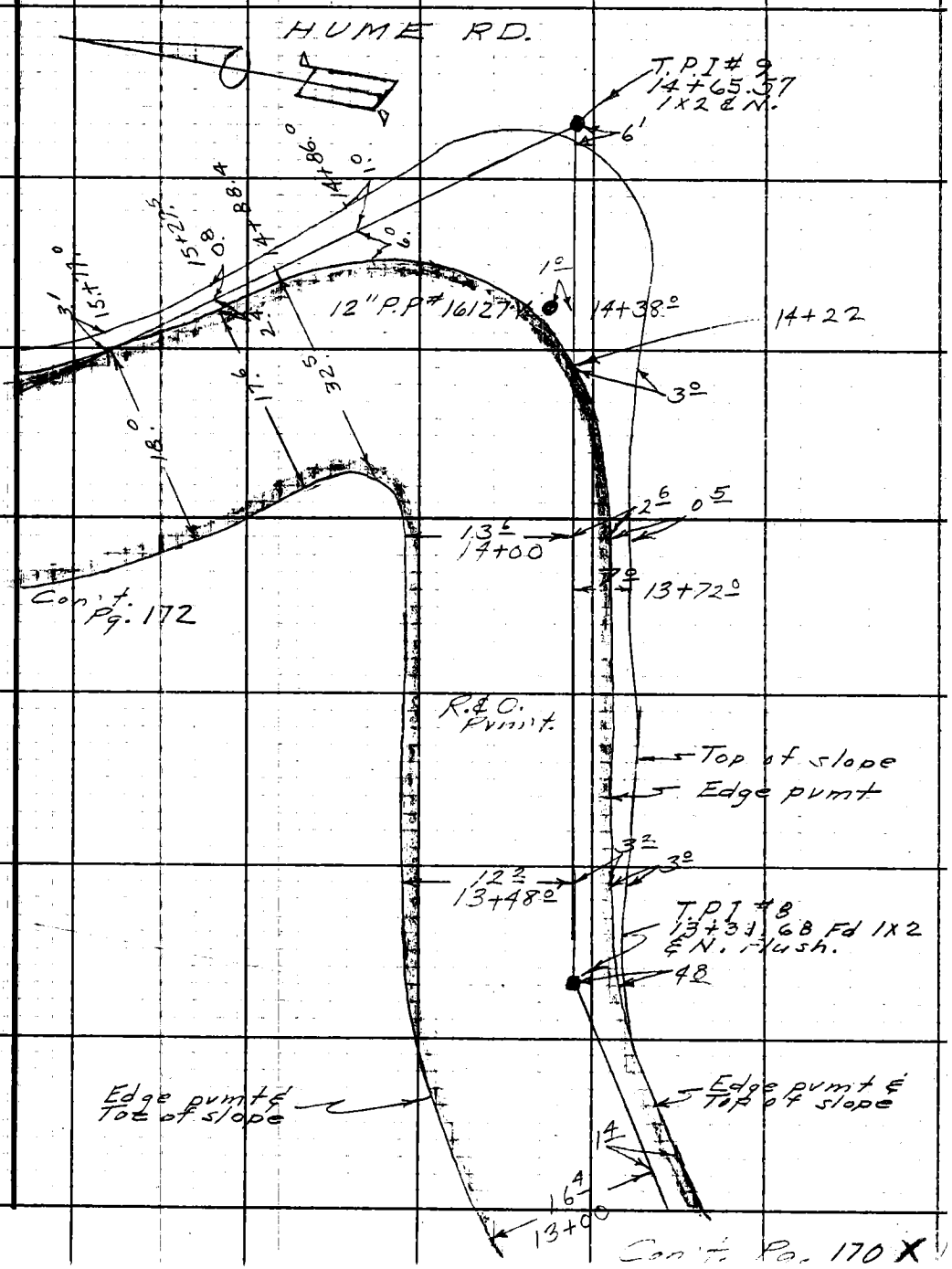
Notes Ck'd by		Survey of Los Flores Hume	F. B. 3101 Pg. 171
Map No.		JN 2215.14 Tape Std °F	
Office Work		Surveyed by E. English	
Checked		Notes E. Shoemaker Date 3-18-63	
Date		Indexed S. J. GALLI	



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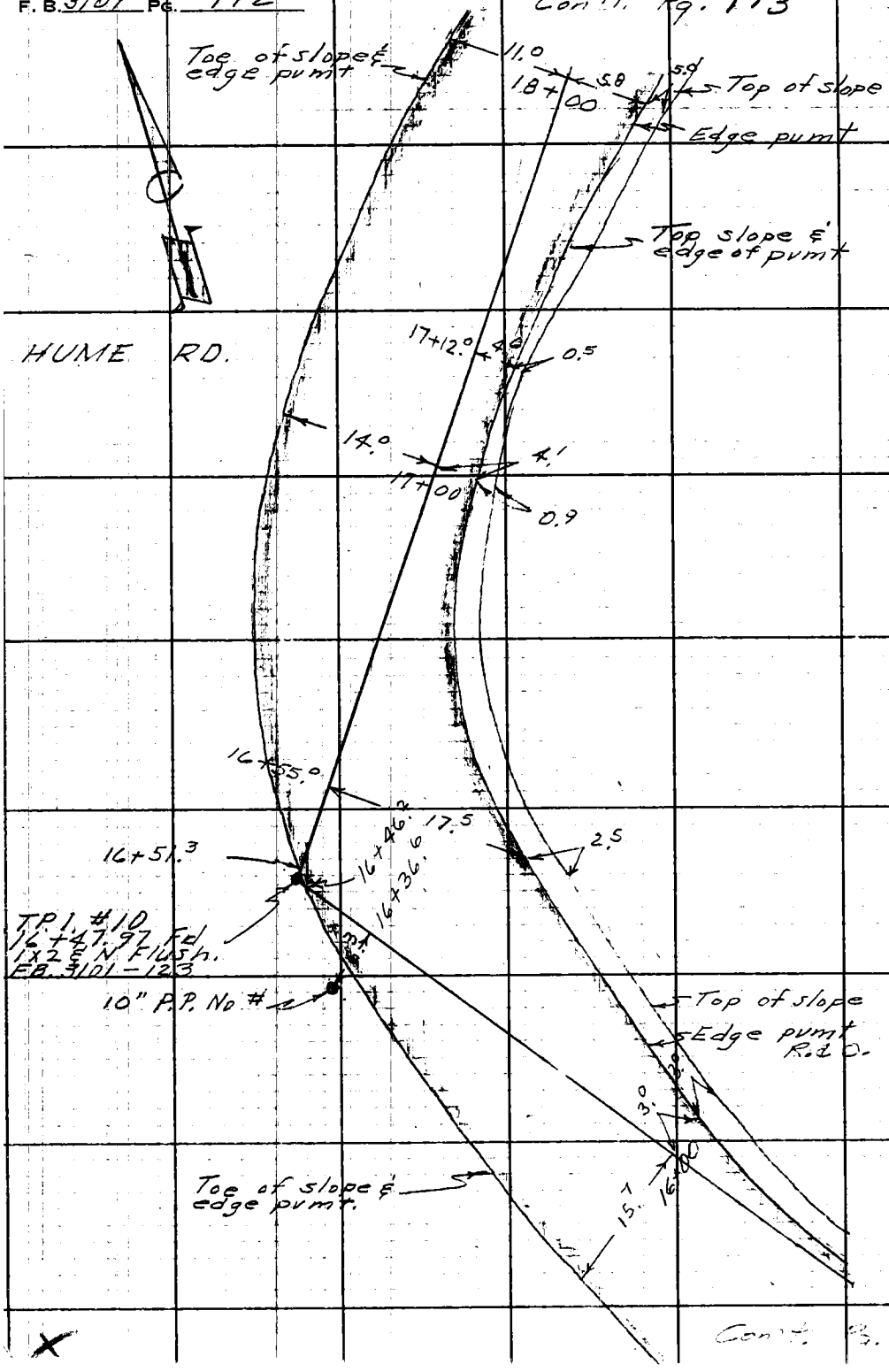
76F309S S&E #247 11-59

F. B. 3101 Pg. 172

Con't. Pg. 173



Con't. Pg. 171

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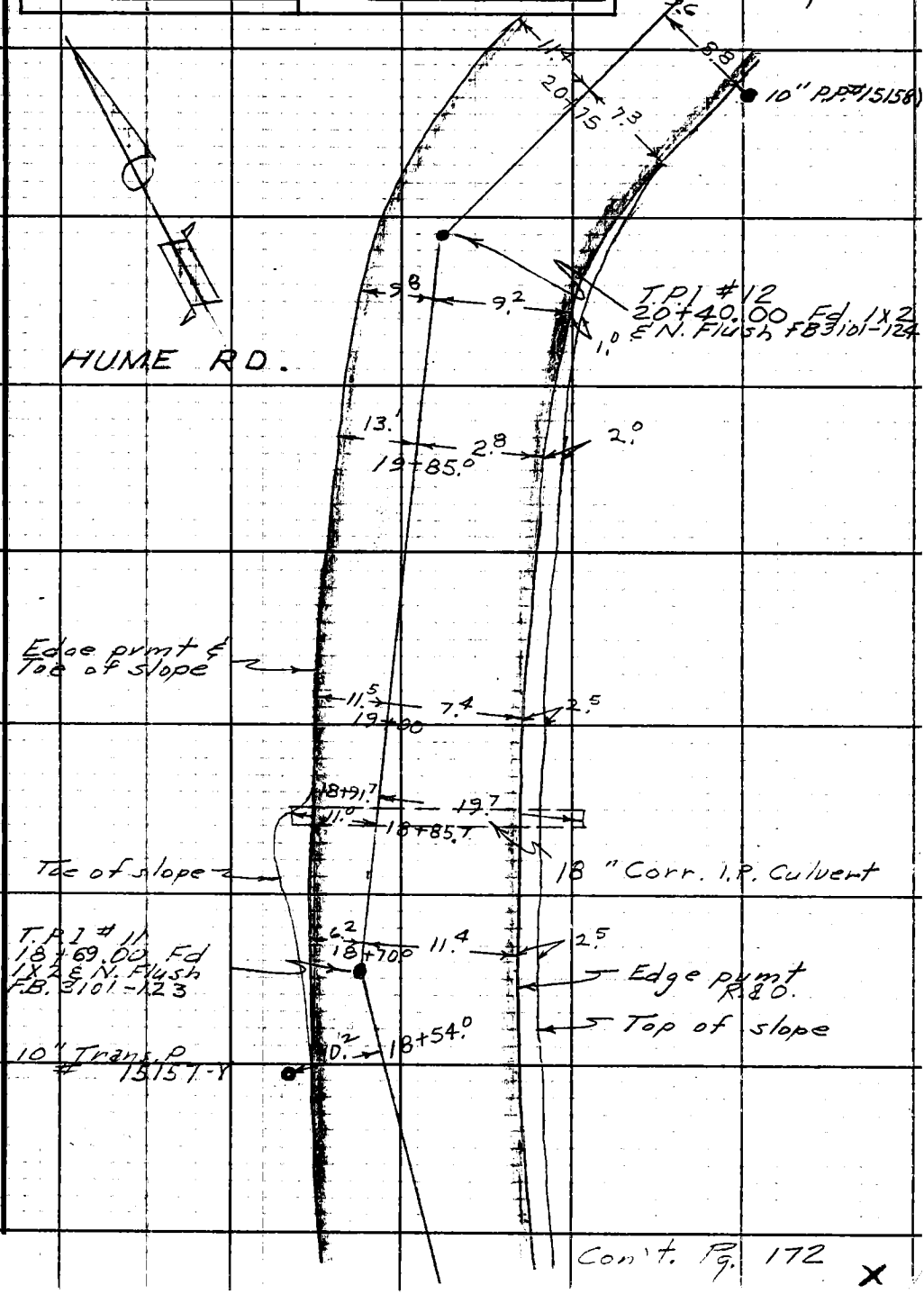
Notes Ck'd by	Survey of Las Flores Hume	F. B. 3101 PG. 173
Map No.	JN 2215.1 Tape Std °F	
Office Work	Surveyed by E. English	
Checked	Notes E. Shoemaker Date 3-18-63	
Date	Indexed E. J. GALLI	



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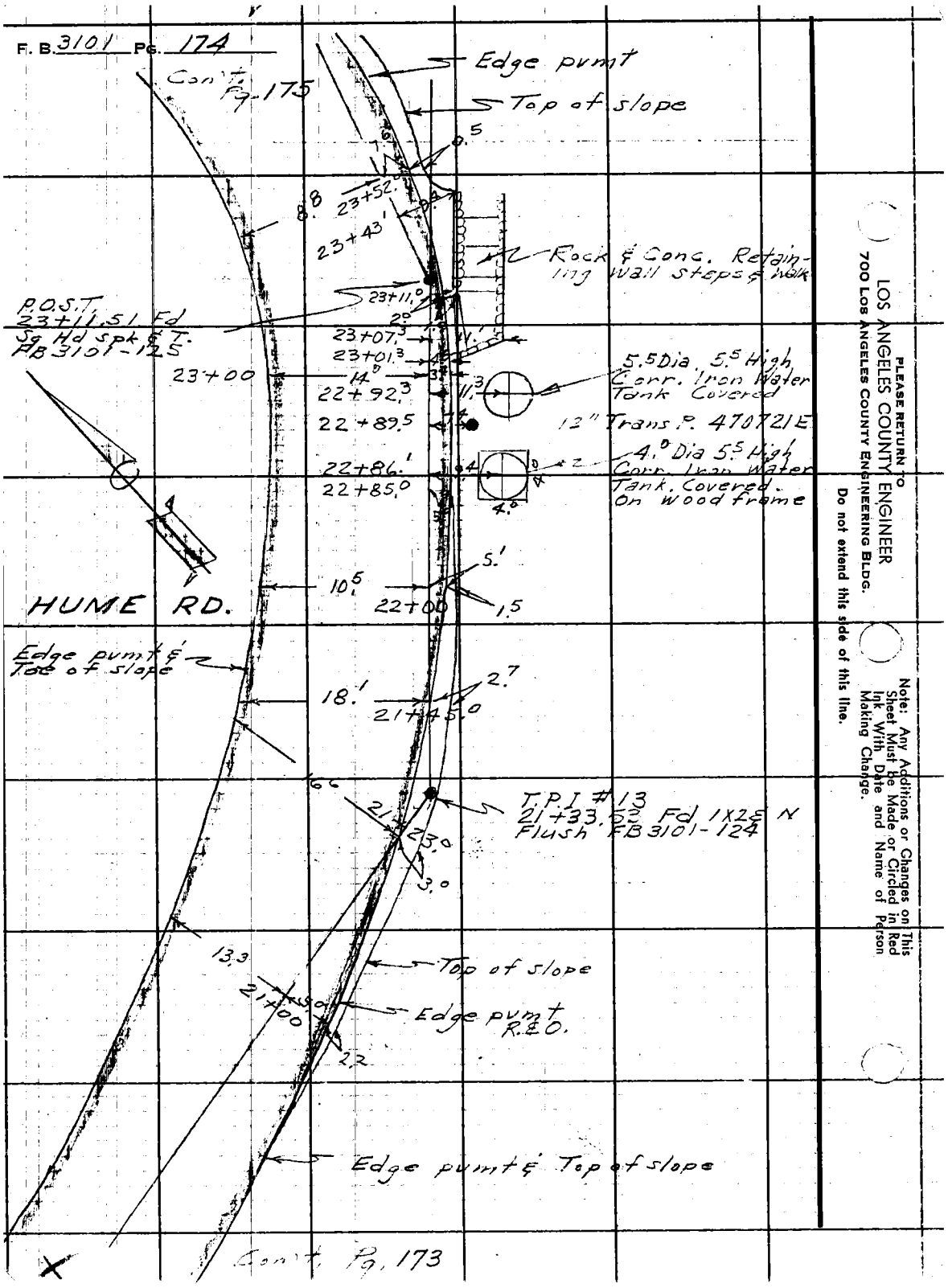
76F309S S&E #247 11-58

F. B. 3101 Pg. 174



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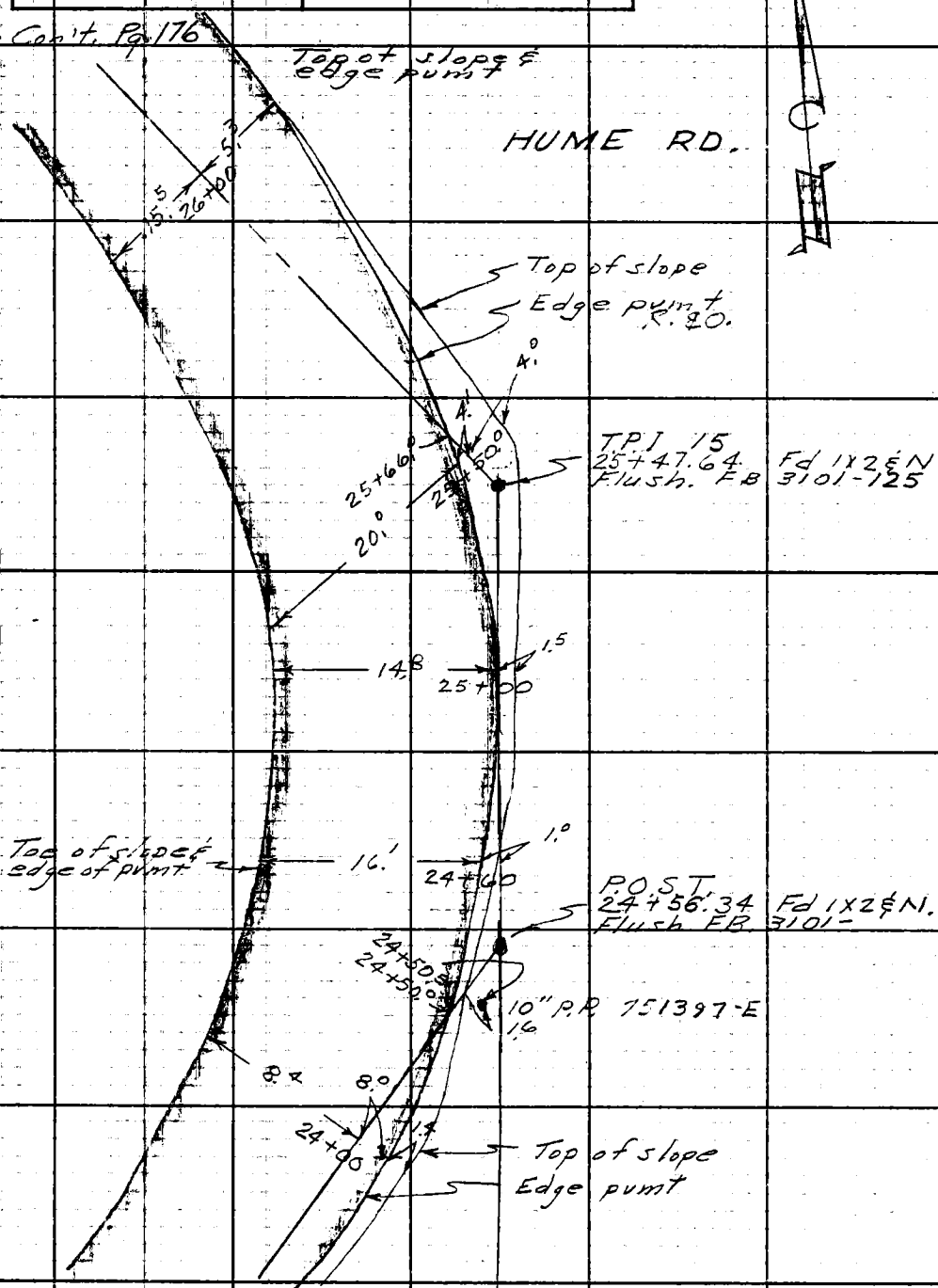
Notes Ck'd by	Survey of Las Flores Hume
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by E. English
Checked	Notes E Shoemaker Date 3-18-63
Date	Indexed C. I. GALLI

F. B. 3101 PG. 175



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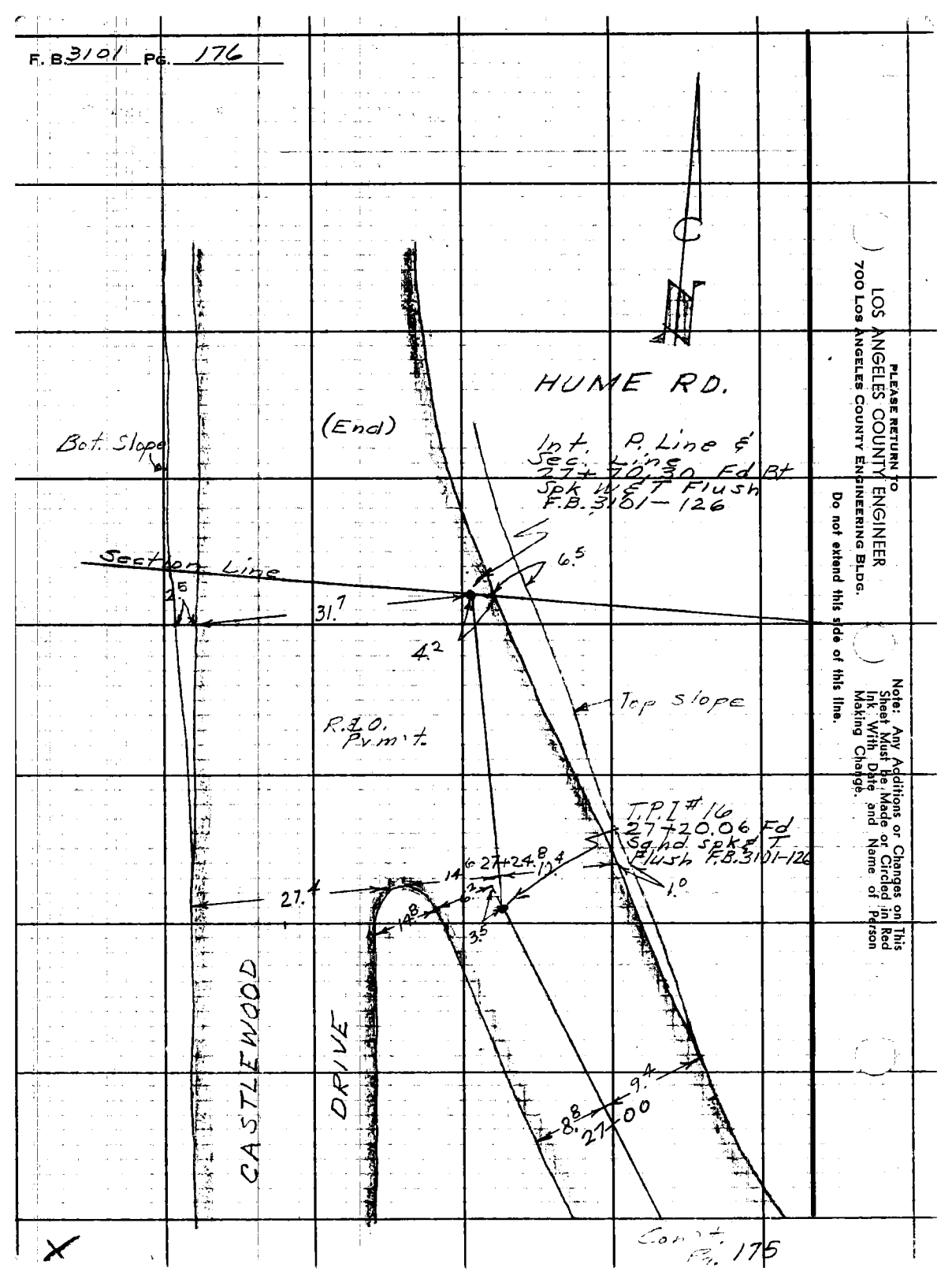
76F309S S&E #247 11-58

F. B. 3101 Pg. 176



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2215.14

Profile No.	Notes Red	Plotted	Job No.	Division No. 11	F. B. 3101	Pg. 177
	Date	Date	Survey of Water Works Dist. #29			
X-Sec. No.	Notes Chkd	Checked	Survey by English	Notes Ed.	Date 3-18-63	
	Date	Date	Map No.	Indexed C. J. GALLI	Date MAR 25 '63	

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STATION	B. B.	H. I.	F. B.	ELEV.	
					WATER WORKS DIST. #29 J.N. 2215.14
					PROFILE Lamplighter Lane & Hume Rd.
					Mar. 19, 1963 English Shoemaker Tollison Robbins Masuda

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M. 10	8.04	805.85		797.81	T.B.M. 10, el 797.81, FB 3101-? Int. Hume Rd. & Rambla Pacifico Bt. Spk. in S. side P.P. # ?, up 1.5 25' ± N. E'ly. of Int.	
T.P.	6.63	812.19	0.29	805.56	1x1	
T.P.	1.65	802.44	11.40	800.79	Spk in pvmt	
T.P.	2.06	796.23	8.27	794.17	" " "	
T.P.	0.16	786.00	10.39	785.84	" " "	
T.P.	0.53	774.99	11.54	774.46	" " "	
T.P.	1.41	765.61	10.79	764.20	" " "	
T.B.M. 10-A	0.76	759.62	6.75	758.86	T.B.M. 10-A El= Lamplighter Lane S. Side 818' ± W'ly. from Rambla Pacifico. Bolt Spk. & Tin. in P.P. # 1143512-E N. Side.	
0+00			13.71	745.91	INT. Line A & Lamplighter Lane	
0+40			5.49	754.13	Lamplighter Lane	
1+00	11.21	770.68	0.15	759.47	"	
1+73.2			10.79	759.89		11.9 R Inv. 18" Culvert
1+89.1			7.80	762.88	13.4 L Inv 18" Culvert	
2+32			3.12	767.56	Lamplighter Lane	13.5 R Ctr Pvmt
T.P.	10.74	781.14	0.28	770.40	Spk. in pvmt.	

F. B. 3101 Pg. 178 Job No. 22.15.14 Division No. 11 Notes Red Plotted Profile
Survey of Water Works Dist. #29 Date Date No.
Survey by English Notes Ed. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		781.14				
3+00			5.80	775.34	8.0 L Ctr. Pvmt	Lamplighter Lane
T.P.	10.92	791.57	0.49	780.65	Spk in pvmt.	
4+00			7.87	783.70	1.5 L Ctr Pvmt	Lamplighter Lane
4+70.5			8.81	782.76		12.6 R Invert 24" Culvert
5+42.5	8.30	799.35	0.52	791.05	T.P. & Lamplighter Lane	0.8 R Ctr Pvmt
6+00			6.58	792.77	0.6 L Ctr. Pvmt	Lamplighter Lane
7+00			2.56	796.79	2.3 L " "	" "
T.P.	10.28	808.99	0.64	798.71	Bt Spk in pvmt.	
T.P.	2.74	811.34	0.39	808.60	Bt Spk in pvmt	
8+51			1.70	809.64	6.1 L Ctr. Pvmt	
8+75			1.10	810.24	4.7 L " "	
9+00.2			2.82	808.52	6.0 L Int. Ctr. Pvmts.	
T.P.	1.12	803.29	9.17	802.17	Bt Spk in pvmt	
TBM 10-A			5.52	797.77	TBM 10-A El 797.81	
			Hume Rd.			
TBM 10-A	5.38	803.19		797.81	TBM 10-A El 797.81	
10+80.75			8.76	794.43	Hume Rd.	
11+02.5			11.52	791.67	13.2 L Inv 18" Culvert	
11+05.7			19.24	783.95		28.4 R Inv 18" Culvert

Profile No. X-Sec. No.
Notes Red Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 2215.14 Division No. 11
Survey of Water Works Dist #29
Survey by E. English Notes Shoemaker Date 3-19-63
Map No. Indexed C. J. GALLI Date
F. B. 3101 PG. 179

76L-298 S & E #307—1-56

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Profiles No. X-Sec. No.

Plotted Date Checked Date

Notes Red Date Notes Chkd Date

Division No. Dist. 29 Tab No. 4213.14 Date

Survey of Water Wor Ar Survey by English Notes E. Shoemaker

Indexed G. I. GALLI

F.B. 3101 Pg. 180

STATION	B. S.	H. I.	F. S.	ELEV.		
		803.19				
11+06			9.24	793.95	Hume Rd	
11+40.8			9.24	793.95	0.2 L Ctr. Pvmt.	Hume Rd
12+00			6.66	796.53	3.0 L Ctr. Pvmt	" "
13+00			1.62	801.57	7.5 L Ctr. Pvmt	" "
13+32	6.12	808.99	0.32	802.87	T.P. & 4.5 L Ctr Pvmt	" "
T.B.M. #7	1.55	808.11	2.43	806.54	T.B.M. #7 El 806.58 Hume Rd S. Side of Rambla Pacifica @ Spk in S side P.P. #16127 Y	F.B. 3101-66 370' ± E/l of W
14+00			4.22	803.89	5.5 L Ctr. Pvmt.	Hume Rd
15+29.6			6.15	801.96	10.9 L Ctr. Pvmt.	" "
16+00			6.32	801.79	6.3 L Ctr. Pvmt.	" "
T.P.	4.13	805.44	6.80	801.31	1X1	
17+00			3.81	801.63	4.9 L Ctr. Pvmt	" "
18+00			4.66	800.78	2.6 L Ctr Pvmt	" "
18+37			4.90	800.54	0.7 L " "	" "
18+85.7			7.18	798.26	11.0 L Invert 18" Culvert	
18+91.7			9.68	795.76		19.7 R Invert 18" Culvert
T.P.	5.60	806.33	4.71	800.73	Spk in pvmt.	
19+00			5.34	800.99	2.4 Ctr Pvmt	Hume Rd.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.			
		806.33					
20+00			4.42	801.91	5.0' L	Ctr. Pumt.	Hume Rd.
21+00			4.05	802.28	4' L	" "	" "
T.P.	7.55	809.27	4.61	801.72	Spk. in pumt.		
22+00			8.00	801.27	2.7 L	Ctr. Pumt	Hume Rd.
23+00			6.18	803.09	5.3 L	" "	" "
24+00			2.86	806.41	0.2 L	" "	" "
24+50			1.56	807.71	1.8 L	" "	" "
25+00			2.11	807.16	7.4 L	" "	" "
T.P.	2.41	809.24	2.44	806.83			
26+00			5.01	804.23	5' L	Ctr. Pumt	Hume Rd
26+77.5			6.71	802.33	1.2 L	" "	" "
27+20.06			6.43	802.81		Hume Rd.	
27+70.30			8.25	800.99	Int. Section Line & Hume Rd		
"			6.95	802.29	17' L	Crown Pumt.	
T.B.M 10-B			2.88	806.36	T.B.M 10-B El=		
					Hume Rd at Castlewood Dr. Bt. Spk & T. in S. Side 6"x6" Street Sign Post 50± S'ly of Int.		

See: Pg. 205

Profile Notes Red. Plotted
No. X-Sec. Date Date Job No. 22.15.14 Division No. 11
Notes Chkd. Checked Survey of Water Works Dist. #29
No. Date Date Survey by E. English Notes E.S. Date 3-12-63
Date Map No. Indexed C.J. CALL Date
F. B. 3101 Pg. 181

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	
Elevation: L.A. Co. Sur. Cont. Sys. Trav. Sta. "Los Flores H-6A"					
Fd. B.M. 64-9	1 52	808 76		807 24	B.M. 64-9, el = 807.238 Preliminary el., F.B. 2887-21, 22 15' W'ly. of W. edge of Pvm't. at Int. of Castlewood Dr. & Hume Rd. A Co. Engr. button br. cp. mon., up 6".
T.B.M. 10-B			1 54	807 22	T.B.M. 10-B, El. = 806.36, Pg. 181
Fd. "H-6A"	0 50	808 94	0 32	808 44	L.A. Co. Sur. Cont. Sys. Trav. Sta. "Los Flores H-6A", A std. Br. Cp in conc. mon., Up 3", Pg. 233
B.M. 64-9			1 70	807 24	See above.

F. B. 3101 PG. 182 2215 .14 11

Profile
Plotted
Date
Notes Red
Date
Notes Chkd.
Date
Division No.
Job No.
Survey of Water Works Dist. 29
Survey by E. English
Notes E. Shoemaker
Indexed E. J. GALLI
Date
No.
X-Sec.
No.

Notes Ck'd by	Survey of Las Flores Hume
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-14-63
Date	Indexed C. J. GALLI MAR 25 '63

F. B. 3101 PG. 183

LAS FLORES HUME

J.N. 2215.14

TOPOGRAPHY
AZURELEE DR.

Ref: F.B. ?
Joe Menne's Notes

Mar. 14, 1963
English
Shoemaker
Tollison
Robbins
Masuda

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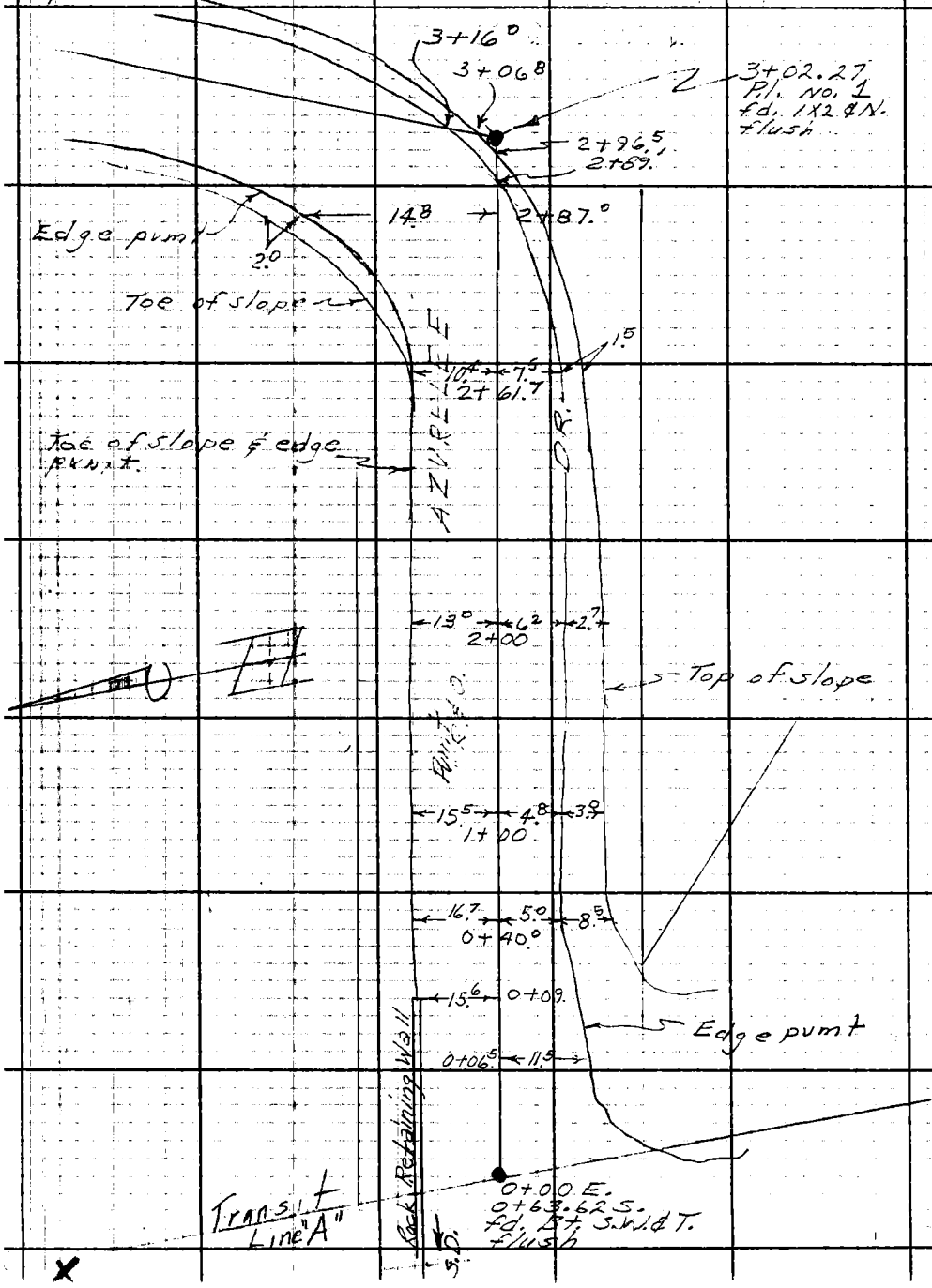
F. B. 3101 PG. 184

Con't Pg. 185



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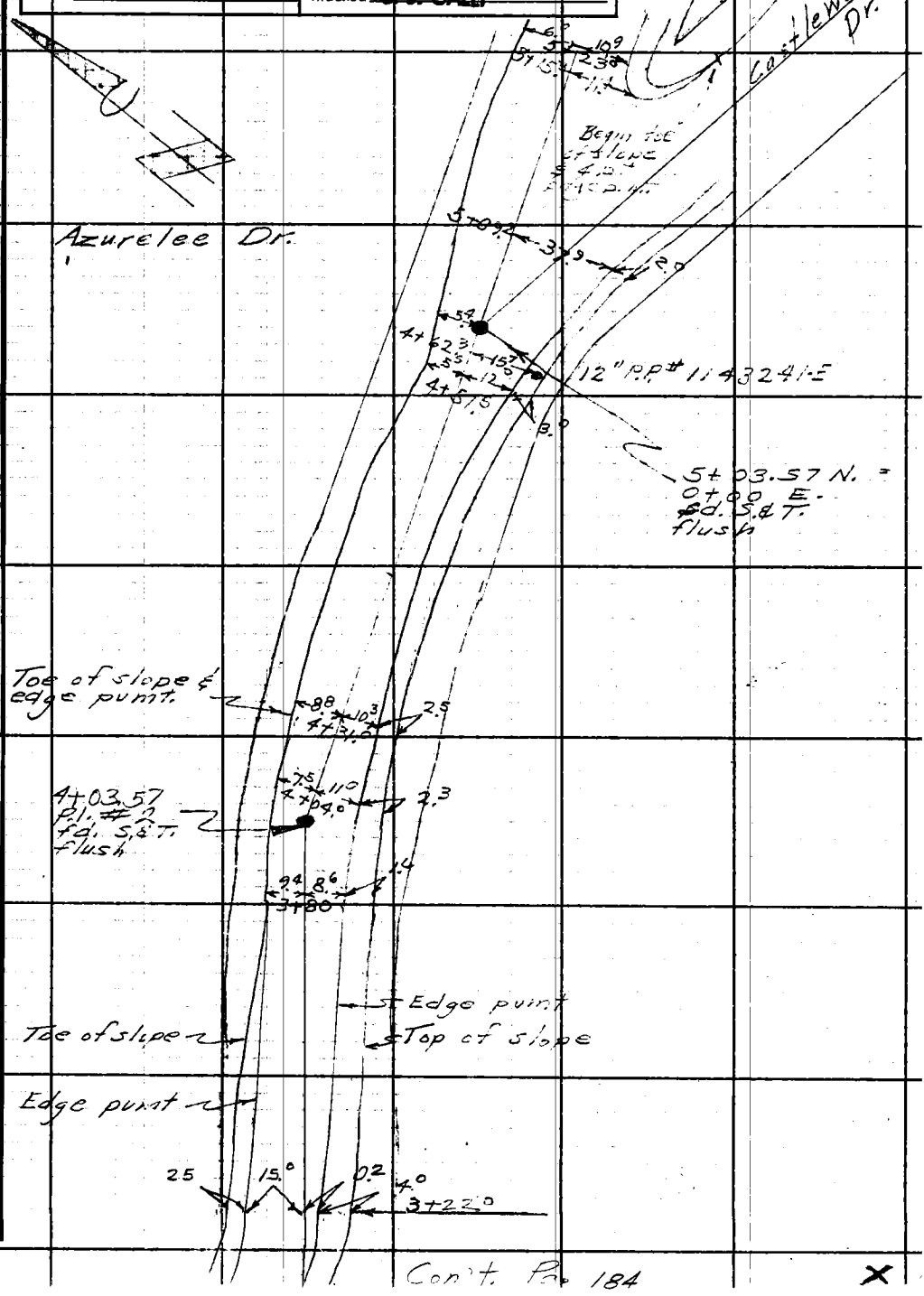
Notes Ck'd by	Survey of Las Flores Hume
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-14-63
Date	Indexed C. J. GALLI

F. B. 3101 PG. 185

Con't. Pg. 186



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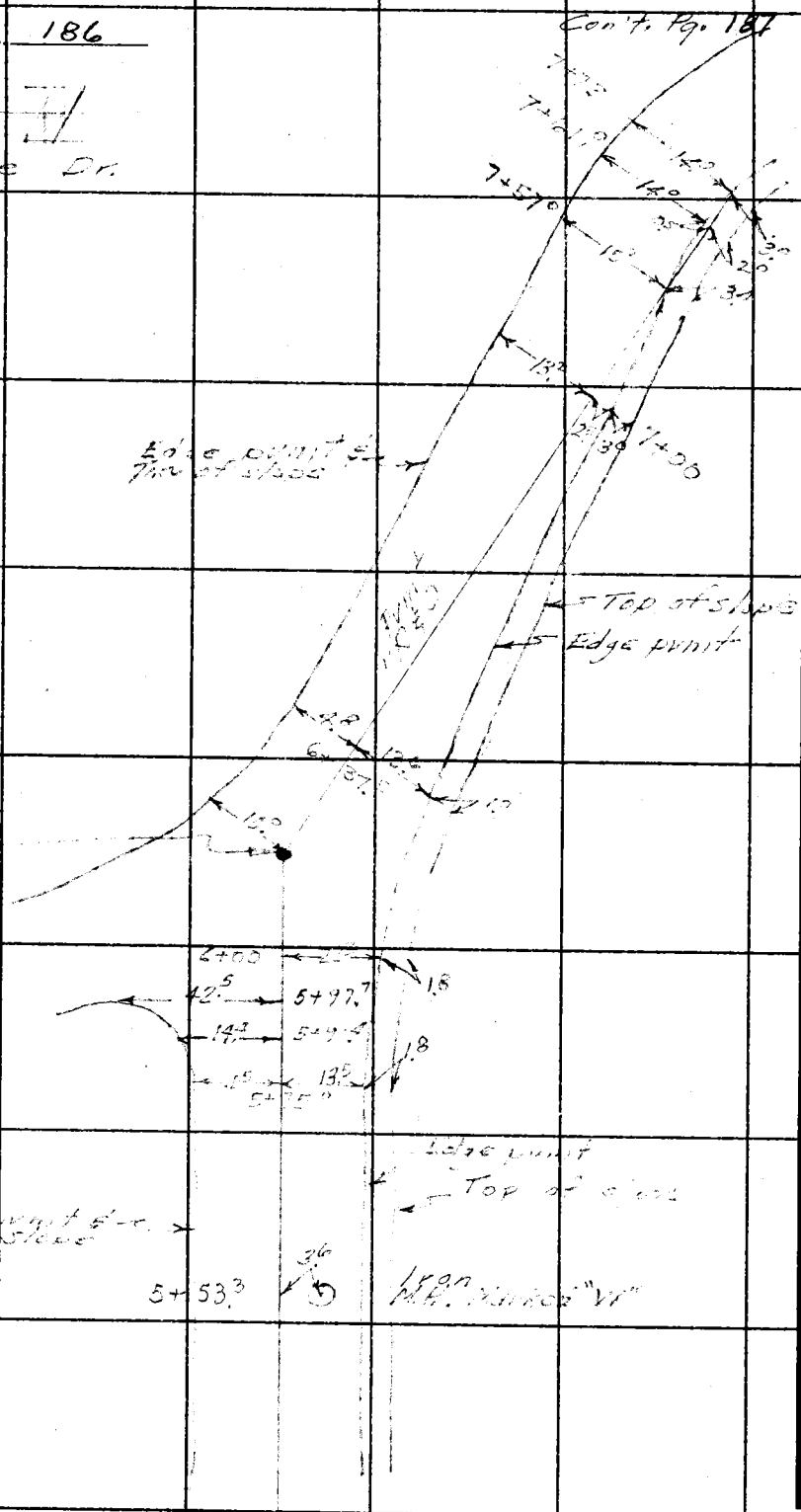
76F309S CE # 310 3-61

Con't. Pg. 184

F. B. 3101 PG. 186

Azure Lee Dr.

Con't. Pg. 187



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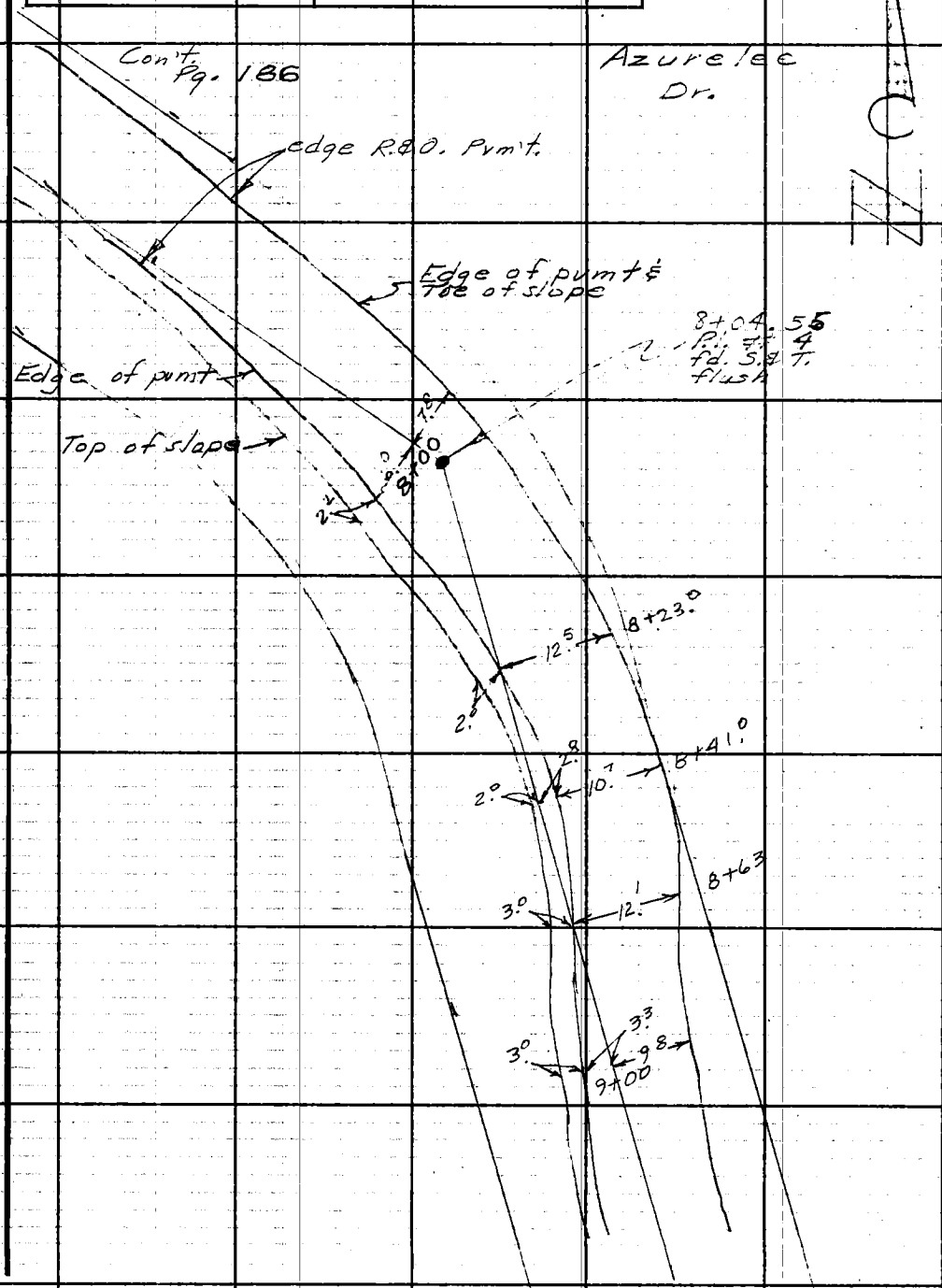
Con't. Pg. 185

Notes Ck'd by	Survey of Las Flores Hume
Map No.	JN 22151A Tape Std °F
Office Work	Surveyed by English
Checked	Notes Ed.' Date 3-13-63
Date	Indexed E. J. GALLI

F. B. 310 1 Pg. 187



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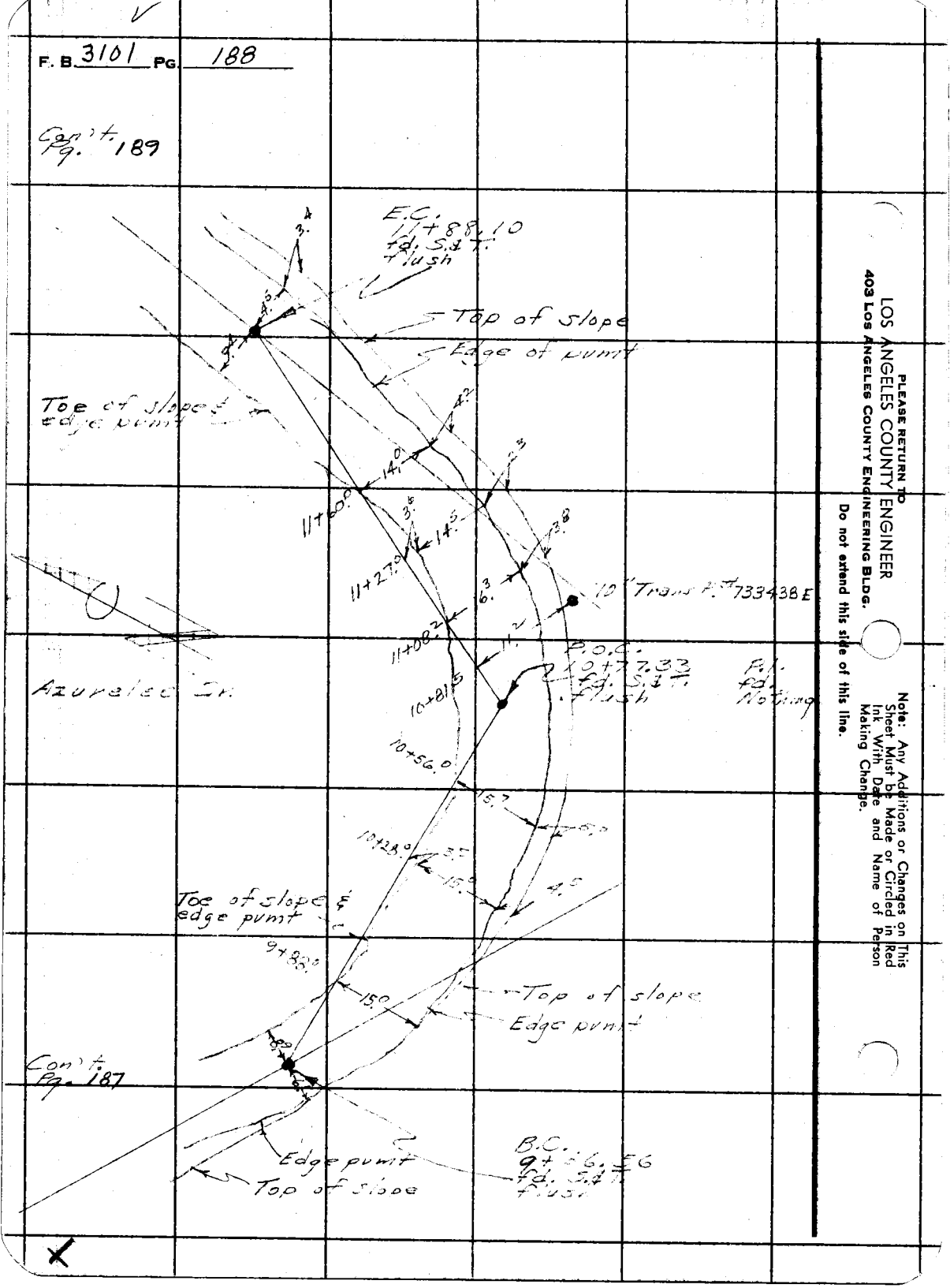
76F3095 CE # 310 3-61

F. B. 3101 PG. 188

Con't. Pg. 189



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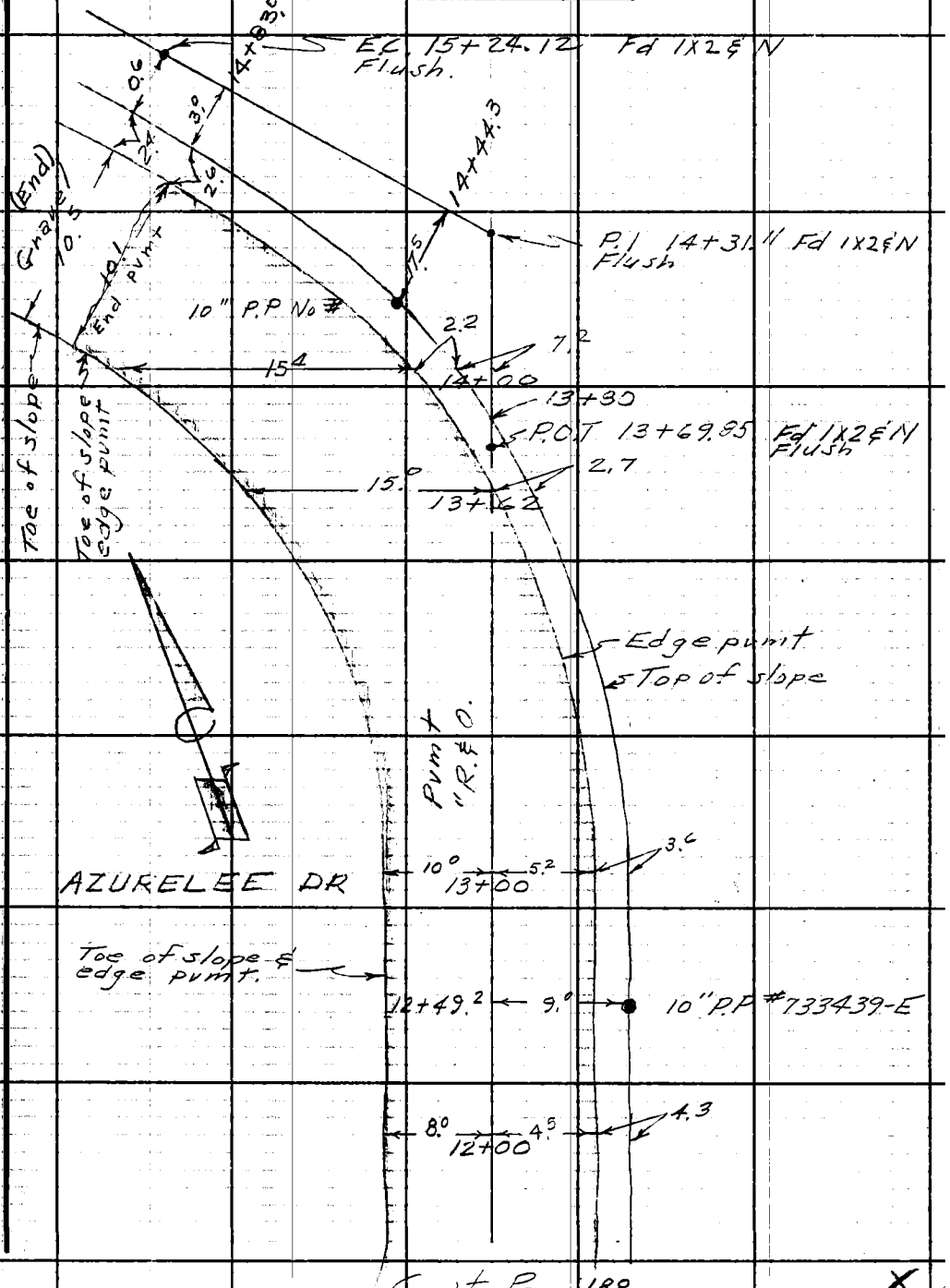
Notes Ck'd by	Survey of Las Flores Hume
Map No.	JN 22/5.14 Tape Std °F
Office Work	Surveyed by English
Checked	Notes Shoemsher Date 3-15-63
Date	Indexed C. J. GALLI

F. B. 3101 PG. 189



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76F3095 CE # 310 3-61

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F. B. 3101 PG. 190

Profile No. ____ X-Sec. No. ____

Notes Red. ____ Date ____
Notes Chkd. ____ Date ____

Plotted ____ Date ____
Checked ____ Date ____

Job No. 2215.14 Division No. 11
Survey of LAS FLORES HUME RD
Survey by MENNE Notes Adams Date 3-20-63
Map No. ____ Indexed C. J. GALLI Date MAR 2 5'63

F. B. 3101 Pg. 191

WATER WORKS DIST. # 29

J.N. 2215.14

PROFILE

AZURELEE DR.

Mar. 20, 1963
MENNE
ADAMS
GILFOY
RANGEL

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Azurelee Dr.
fd. T.B.M. #8	1219	93163		919 44	T.B.M. #8, el = 919.44, F.B. 3101-162
T.P.			049	931 14	Int. Azurelee Dr. & Rambla Pacifico
	1073	94187			30' ± S. of set Lg. Bt. Spk. in E. side of
					P.P. #24905Y, Up 1'.
0+63.62 S. 0+00 E.			977	932 10	Int. Transit Line A. & Azurelee Dr., Pg. 184
1+00			176	940 11	Mac. put.
T.P.			030	941 57	
	1220	95377			
2+00			185	951 92	Mac. put.
T.P.			015	953 62	
	1094	96456			
2+89			297	961 59	Edge Mac. Put.
3+16			072	963 84	" " "
T.P.			020	964 36	
	1225	97661			
4+00			605	970 56	Mac. Put
4+03.57 P.I. #2			580	970 81	Sur. nail & T. in Mac put.
5+00			087	975 74	Mac. Put.
5+03.57			057	976 04	intersection Azurelee & Castlewood Drs
T.P.			008	976 53	Set Sur. Nail
	309	97962			

X

F. B. 3101 Pg. 192 Job No. 2215.14 Division No. 11 Notes Red Plotted Profile
Survey of LAS FLORE HUME RD Date Date No.
Survey by MENNE Notes ADAMS Notes Chkd. Checked X-Sec.
Indexed R. J. GALLI Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		979 62				
T.B.M 8-A			4 06	975 56	Set bt. spk. in P.P. #1143241E, South side of AZURELEE DR. 50'+ - East Inter. CASTLEWOOD DR.	
	10 88	986 44				
TP			1 14	985 30	Set Sur. Nail	
	11 49	996 79				
			10 20	986 59		
6+10.17 T.P.			9 37	987 42	P.I. #3 Sur N&T.	
			0 34	996 45		
	11 38	1007 83				
7+00			9 26	998 57	Mac. put.	
T.P.			0 35	1007 48	Set Sur. Nail	
	10 55	1018 03				
8+00			9 26	1008 77	Mac. put.	
8+04.55 P.I. #4			9 03	1009 00	Sur. Nail & T	
9+00			0 89	1017 14	Mac. Put.	
T.P.			0 33	1017 70	Set Sur. N&T.	
	10 14	1027 84				
9+66.56 B.C.			7 21	1020 63	Fd Sur N&T.	
9+88			6 95	1020 89	Edge Mac. put.	
10+56			2 52	1025 32	" " "	
X 10+77.33			0 58	1027 26	P.O.C. Fd Sur. N&T Flush	

Profile Notes Red. Plotted Job No. 22151 Division No. 11 F. B. 31 Pg. 193
No. Date Date Survey of LAS FLORES HUME
X-Sec. Notes Chkd. Checked Survey by MENNE Notes ADAMS Date 3-20-63
No. Date Date Map No. Indexed E. J. GALLI Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	
		102784			
T.P.			023	102761	Set Sur. Nail
	1033	103794			
11+00			1064	102730	Mac. pvt.
11+08.2			1030	102764	Edge Mac. pvt.
11+60			590	103204	" " "
11+88.10 E.C.			274	103520	Fd Sur N&T Flush
12+00			194	103600	Mac pvt
T.P.			018	103776	set Sur. Nail
	390	104166			
13+00			223	103943	Mac Pvt
13+62			410	103756	Edge Mac pvt
14+83			878	103288	East edge pvt. 5.6 Left of ℄
T.P.			231	103935	Fd 4" I.P. Post
	793	104728			
T.B.M. 8-B			406	104322	Fd. 1½" I.P. Elev. 1043.10 wly. of 2 That are 19.91 apart on transit Line F.B. 3101-29-69-85 15+52.24 -0.19 South of East, West Center of Sec. Line EL: 1043.10

X

F. B. 3101 PG. 194 Job No. 221514 Division No. Notes Red. Plotted Profile
Survey of LAS FLORES HUME Date Date No.
Survey by MENNE Notes ADAMS Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

CASTLEWOOD DR

Notes Ck'd by	Survey of LAS FLORES HUME Z IV B
Map No.	JN 2215.14 Tape 198 Std 89 °F
Office Work	Surveyed by J.P MENNE
Checked	Notes C. Adams Date 3-19-63
Date	Indexed J. GALLI MAR 25 '63

F. B. 3101 PG. 195

LOCATION of IMPROVEMENTS
CASTLEWOOD DRIVE

LAS FLORES HUME Z IV B

J.P. MENNE
C. ADAMS
R. GILROY
I. RANGEL

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76F3095 CE # 310 3-61

F. B. 3101 PG. 196 EASTERLY ON CASTLEWOOD

STATION	OFFSET	DESCRIPTION
0+00	30' R	Edge Pvt.
"	37.2 R	Top Fill
"	7' L	Edge Pvt.
"	11.5' L	Toe of Cut
0+20	1' L	Edge pvt.
0+50	13' R	" "
"	16' R	Top of Fill
"	17.5' L	Edge Pvt
"	22.5' L	Toe of Fill
1+00	10.5' R	Edge pvt
"	12' R	Top Fill
"	10.5' L	Edge pvt.
"	12' L	Toe of Cut
1+50	10.5' R	Edge pvt
"	12' R	Top of Fill
"	5' L	Edge pvt
"	6' L	Toe of Cut
1+84	13' L	P.P. #1143240E
2+00	4' R	Edge pvt
"	8' R	Top of Fill
"	10' L	Edge pvt & Toe of cut
2+22	10.5' L	1½" Water pipe with H.B. & W.M.
2+25	℄	Edge pvt
2+28.16 P.I.#1	2.5' R	Edge pvt (Split of P.I. Angle)
"	16.5' R	" " " " " "
"	21.5' R	Top of Fill " " " "
"	6' L	Toe of Cut " " " "
2+32'	℄	Edge pvt.
2+50	9.5' R	" "
"	12.5' R	Top of Fill
"	4' L	Edge pvt
"	6' L	Toe Cut
3+00	10' R	Edge pvt
"	13.5' R	Top of Fill
"	1' L	Edge pvt & Toe of Cut
3+50	10' R	" "
"	13' R	Top of Fill
"	4.5' L	Edge pvt & Toe of Cut

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CASTLEWOOD DR

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Survey of LOS FLORES HUME ZONE
JN 2215 14 Tape 148 Std 84 °F
Surveyed by J.P. MENNE
Notes C Adams Date 3-19-63
Indexed E. J. GALLI

F. B. 3101 PG. 197

STATION	OFFSET	DESCRIPTION
4+00	45 R	Edge Pvt.
"	65 R	Top of Fill
	8° L	Edge Pvt & Toe of Cut
4+24.0	℄	" "
4+91.15 P.I.#2	25 L	Top of Fill (Split of P.I. Angle)
"	65 L	Edge Pvt " " "
"	205 L	" " & Toe of Cut
4+52	℄	" "
4+71	65 R	P.P. # 15161-Y
5+00	95 R	Edge Pvt
"	125 R	Top of Fill
"	5° L	Edge Pvt & Toe of Cut
5+15	25° R	Outlet 18" C.M.P. Culvert
5+16	5° L	Inlet " " "
6+00	12° R	Edge Pvt
"	15° R	Top of Fill
"	4° L	Edge Pvt
"	65 L	Toe of Cut
6+85.15 P.I.#3	13° R	Edge Pvt (Split of P.I. Angle)
"	15° R	Top Fill
"	5° L	Edge Pvt & Toe of Cut
7+00	125 R	Edge Pvt
	155 R	Top of Fill
	5° L	Edge Pvt & Toe of Cut
7+80	10° R	" "
	14° R	Top Fill
	5° L	Edge Pvt & Toe Cut
8+00	9° R	" "
	11° R	Top of Fill
	7° L	Edge Pvt & Toe of Cut
8+20	75 R	" "
	105 R	Top of Fill
	125 L	Edge Pvt & Toe of Cut
8+38	℄	" "
8+925	℄ Line	" "

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X

F. B. 3101 PG 198

STATION	OFFSET	DESCRIPTION
8+60	11ºR ℄Line	Edge Cut
"	14ºR "	Top Fill
"	10ºL "	Edge Cut
"	12½L "	Toe Cut
9+00	0½R "	Edge Cut & Toe Cut
"	18½R "	" "
"	21ºR "	Top Fill
9+30	14ºR "	Edge Cut
"	17ºR "	Top Fill
"	3ºL "	Edge Cut
"	6ºL "	Toe Cut
9+54.73 P.I. #5	4ºR	Edge Cut (Split of P.I. Angle)
"	7ºR	Top Fill
"	13ºL	Edge Cut & Toe Cut
10+00	10ºR	" "
"	11ºR	Top of Fill
"	9ºL	Edge Cut & Toe Cut
11+00	3½R	" "
"	8½R	Top Fill
"	14ºL	Edge Cut & Toe Cut
11+50	3½R	" " " Top Fill
	13ºL	" "
	15ºL	Toe Cut
12+00	8ºR	Edge Cut
	12ºR	Top Fill
	8½L	Edge Cut & Toe Cut
12+57	9ºR	" " & Stone Fence
	9½L	" " & Toe Cut
12+89	11½R	" " & End Stone Fence
	8ºL	" " " Toe Cut
13+00	10½R	" "
	13½R	Top Fill
	6ºL	Edge Cut & Toe Cut
13+41.94 P.I. #6	15ºR	" " (Split of P.I. Angle)
	20ºR	Top of Fill " " " "
	6ºL	Edge Cut & Toe Cut " "

X

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CASTLEWOOD DR

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Survey of LAS FLORES HUNE ZTUB F. B. 3101 PG. 199
JN 2215 14 Tape 148 Std 84 °F
Surveyed by J.P. MENNE
Notes C. Adams Date 3-19-63
Indexed C. J. GALLI

STATION	OFFSET	DESCRIPTION
14+00	15 Rt	Edge put
"	20 Rt	Top Fill
"	7 Lt	Edge put & Toe cut
15+00	11 Rt	" "
"	19 Rt	Top Fill
"	8 Lt	Edge put & Toe cut
16+00	12 Rt	" "
"	17 Rt	Top of Fill
"	7 Lt	Edge put & toe cut
17+00	12 Rt	" "
"	13 Rt	Top of Fill
"	8 Lt	Edge put & Toe cut
17+00 ±	19 Rt	begin. Row of 8 Euc. trees Average 18" Dia.
17+31 ±	8 Rt	Edge put & ℄ 3' Conc. steps
	10 Lt	" " " Toe Cut
17+63	7 Rt	" "
"	10 ± Rt	End Row Euc. trees.
"	17 ± Lt	Edge put & toe cut
17+68	13 Rt	Cor. Stucco Garage
17+90	5 Rt	18" Euc. tree
17+91	℄	Edge put
17+94	4 Rt	Cor. stucco Gar.
17+99.67 P.I. #7	6 Lt	Edge put (Split of P.I. Angle)
"	30 Lt	" " & toe cut
18+08	1 ± Rt	20" Euc. tree
18+19	℄	Edge put
18+29	5 Rt	begin Row 3-12" Euc. trees
18+95	7 Rt	End Row Euc trees
19+00	7 Rt	Edge put & toe Cut
"	11 Rt	Top Cut
"	12 Lt	Edge put & toe cut
19+30	8 ± Rt	" "
	11 Lt	" " & toe cut

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F.B. 3101 PG. 200

F.B. 3101 PG 201

Profile No. _____ Notes Red _____ Date _____ Plotted _____ Date _____ Job No. 22514 Division No. _____

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of LAS FLORES HUME Rd.

Survey by MENNE Notes Adams Date 3-20-63

Map No. _____ Indexed C. J. GALLI Date MAR 25 63

WATER WORKS DIST # 29

PROFILE

CASTLEWOOD DR.

MAR. 20 - 63

MENNE

ADAMS

GILFOY

RANGEL

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

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F.B. 3101 Pg. 202
Survey of LAS FLORES HUME RD Job No. 2216.4 Division No. Notes Red Plotted Profile
Survey by MENNE Notes Adams Date 3-20-63 Notes Chkd. Date No. X-Sec.
Indexed C. J. GALLI Date Checked Date No.

STATION	B.S.	H.I.	F.S.	ELEV.		
T.B.M. 8-A				97556	Rd. Bk. Spk in P.P. # AZURELEE DR. 50+- E. Inter. CASTELWOOD DR.	South side of
	147	97703			M.B. 3101-193	
0+00 East =5+03.57 N.E.			093	97610	Mac. Pvt	
0+50			290	97413	" "	
1+00			557	97146	" "	
T.P.			1036	96667	Set Sur. Nail	
	037	96704				
2+00			159	96545	Mac. pvt.	
2+25			275	96429	Edge Mac. Pvt.	
2+32			332	96372	" " "	
3+00			916	95788	Mac. Pvt.	
T.P.			1209	95495		
	096	95591				
4+00			693	94898	" "	
4+24			863	94728	Edge Mac. Pvt.	
4+52			1175	94416	" " "	
T.P.			1218	94373	Set Sur. Nail	
	045	94418				
5+00			410	94008	Mac. Pvt.	
5+15 25°R			1293	93125	F.L. W. end 18" C.M.P Culvert	X
5+16 5°L			865	93553	" E. " " " " " "	

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STATION	B.S.	H.I.	F.S.	ELEV.		
		944 18				
6+00			1225	931 93	Mac. Pvt.	
T.P.			1223	93195	set Sur Nail	
	054	93249				
6+85.15 P.I.#3			636	92613	Fd Sur. Nail & T. Flush	
7+00			750	92499	Mac. Pvt.	
T.P.			1220	92029	set Sur. Nail.	
	118	92147				
8+00			477	91670	Mac. Pvt.	
8+38			615	91532	Edge Mac put	
8+42.5			633	91514	" " "	
T.P.			1187	90960	Set Sur N & T.	
	102	91062				
9+00			247	90815	Mac. Pvt.	
9+54.73 P.I.#5			734	90328	Fd Sur. N & T. Flush	
10+00			1163	89899	Mac. Pvt.	
T.P.			1211	89851	set Sur. Nail	
	056	89907				
11+00			814	89093	Mac. put.	
T.P.			1209	88698	set Sur. Nail	
X	071	88769				

Profile Notes Red Plotted Job No. 22/54 Division No.
No. X-Sec. Date Date Date Survey of LAS FLORES HUME RD
Notes Chkd. Checked Survey by MENNE Notes Adams Date 3-20-63
No. Date Date Map No. Indexed C. J. GALL Date

T.B. 5101 PG 203

76L-298 CE 307 11-58

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Survey of LAS FLORES HUME RD Job No. 2215/4 Division No. Notes Red Plotted Profile
Survey by MENNE Notes Adams Date Notes Chkd. Date Checked Date No. X-Sec.
Indexed E. J. GALLI Date 3-20-63 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	
		887.69			
12+00			683	880.86	Mac. Pvt.
T.P.			1218	875.51	Fd Conc Nail in Pvt
	1.86	877.37			
13+00			621	871.16	Mac. Pvt.
13+41.94 P.I. #6			1066	866.71	Fd. Sur. N. & T. Flush
T.P.			1125	866.12	Set Sur. Nail
	1.23	867.35			
14+00			623	861.12	Mac. Pvt.
T.P.			1220	855.15	—
	1.08	856.23			
15+00			597	850.26	Mac Pvt
T.P.			1146	844.77	
	0.48	845.25			
16+00			555	839.70	Mac. Pvt.
T.P.			1225	833.00	Set Sur. Nail
	0.80	833.80			
17+00			505	828.75	Mac. Pvt.
T.P.			1216	821.64	Set Sur. Nail
	0.94	822.58			
17+91			164	820.94	Edge Mac. Pvt

98 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.		
		82258				
18+19			327	819 31		Edge Mac. put.
T.P.			1145	811 13		set Sun nail
	074	811 87				
19+00			109	810 78		Mag put
19+88.96			1013	801 74		Fd. bt. spk. w&t inter CASTLEWOOD DR & HUME Rd. Pg 142.
T.B.M. 10B			545	80642		T.B.M. 10B EL-806.36 F.B. 3101-181 inter HUME RD. & CASTLEWOOD DR Fd. bt. spk & T. in S. side 6"x6" st sign Post 50'+- S'ly of inter

Profile Notes Red Plotted Job No. 22154 Division No. F.B. 3101 PG 205
No. X-Sec. Date Date Survey of LAS FLORES HUME RD
No. Notes Chkd. Date Checked Survey by MENNE Notes Adams Date 3-20-63
Date Map No. Indexed C. J. GALLI Date

F.B. 3101 Pg. 206

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-

F.B. 5101 PG. 207

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chkd ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 22514 Division No. ____

Survey of RAMBLA PACIFICO

Survey by CHM Notes R.L.S. Date 8-23-63

Map No. ____ Indexed E. J. GALLI Date SEP 11 '63

WATER WORKS DIST #29

RAMBLA PACIFICO

JN. 22514

PROFILE & TOPOGRAPHY

RANCH LINE FROM M.T.S. SOUTH TO BC CURVE #4

STATION	B.S.	H.I.	F.S.	ELEV.
		AUG. 26 1963 C. MORRISON R. STRADER B. JACKSON A TINDELL		

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Profile ____ Plotted ____ Notes Red ____ Date ____ No. ____ X-Sec. ____
Job No 22/644 Division No. ____ Date ____ Notes Chkd Fitch Checked ____ Date 9-13-63 ____ No. ____
Survey of RAMBLA PACIFICO
Survey by CHM Notes R. STRAGER
Indexed E. J. GALLI Date ____ Date ____
F.B. 2901 Pg. 208

STATION	B.S.	H.I.	F.S.	ELEV	LEFT	RIGHT
T.B.M. #12	8 83	672 27		663 44	TBM #12 EL. PER FB 3101 - WHITE LINE ON RAMBLA PACIFICO RD. FD 1" CAPPED G.M.A. UP 3" STAMPED "C.C. 3 R.E. 5869" = FLOOD HAZARD CONTROL POINT	90'± SO. OF RD. LINE, 75'± W. OF
1+00 So.			3 72	668 55		
1+50			7 89	664 38		
2+00			11 67	660 60		
TP	0 27	660 52	12 02	660 25	BT. SPK.	
2+50			3 57	656 95		
3+00			7 11	653 41		
3+50			10 68	649 84		
TP	1 53	650 10	11 95	648 57	GUARD RAIL	
4+00			4 10	646 00		
EC 4+15 BC			5 20	644 90		
TP	0 65	645 29	5 46	644 64	BT. SPK.	
4+50			3 51	641 78		
5+00			8 11	637 18		
5+50			12 16	633 13		
TP	0 15	634 49	10 95	634 34	ROCK	
6+00			5 11	629 38		
6+50			8 63	625 86		
6+74.7			13 14	621 35		28'± INV. 20" C.I. CULV.
7+00			11 80	622 69		
TP			10 03	624 46	ROCK	

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
TP	0 46	624 92		624 46		
BC-SPK: DN 3" 7+08 48			2 81	622 11		
7+50			5 49	619 43		
7+82 5			10 82	614 10	NOTE: VALVE IS 1 5' BELOW STREET SURFACE	10 6 SHUT-OFF VALVE 2" WATER LINE
7+83			13 7	611 2		28 5 EXPOSED 2" WATER LINE - 16% GRADE FROM VAL.
7+92			8 90	616 02	℄ & PIPE INTERSECTION	
8+00			9 57	615 35		
TP	0 76	614 81	10 87	614 05		
8+ 50			3 48	611 33		
9+00			6 40	608 41		
9+50			9 24	605 57		
10+00			12 21	602 60		
TP	7 23	610 60	11 44	603 37	ROCK	
EC. SPK DN 1" 10+31 73			10 25	600 35		
TP	11 07	621 01	0 66	609 94	ROCK	
TP	10 10	631 04	0 07	620 94	BT. SPK.	
TP	11 73	642 49	0 28	630 76	BT. SPK.	
TP	11 40	653 66	0 23	642 26	BT. SPK	
TP	12 31	665 49	0 48	653 18	BT. SPK.	
TBM # 12			2 05	663 44	TBM #12 EL PER FB 3101 - WHITE LINE ON RAMBLA PACIFICO RD. FD. 1" CAPPED GMP. UP 3" STAMPED "C.C. 3 R.E. 5869 = FLOOD HAZARD CONTROL POINT	90'± SO. OF RO. LINE 75'± W. OF

Profile No. ____ Notes Red ____ Plotted ____ Job No. 22 15 14 Division No. ____ F.B. 3101 PG. 209
X-Sec. No. ____ Date ____ Date ____ Survey of RAMBLA PACIFICO
Notes Chkd. Fitch Checked ____ Survey by CAMP Notes RLS. Date 8-23-63
Date 9-63 Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3101 Pg. 210

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by C. J. GALLI Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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Notes Ck'd by	Survey of RAMBLA PACIFICO	F. B. 3101 PG. 211
Map No.	JN 2215.14 Tape 101 Std 84 °F	
Office Work	Surveyed by C.H. MORRISON	
Checked	Notes B. JACKSON Date 8-23-63	
Date	Indexed C. J. GAIL	

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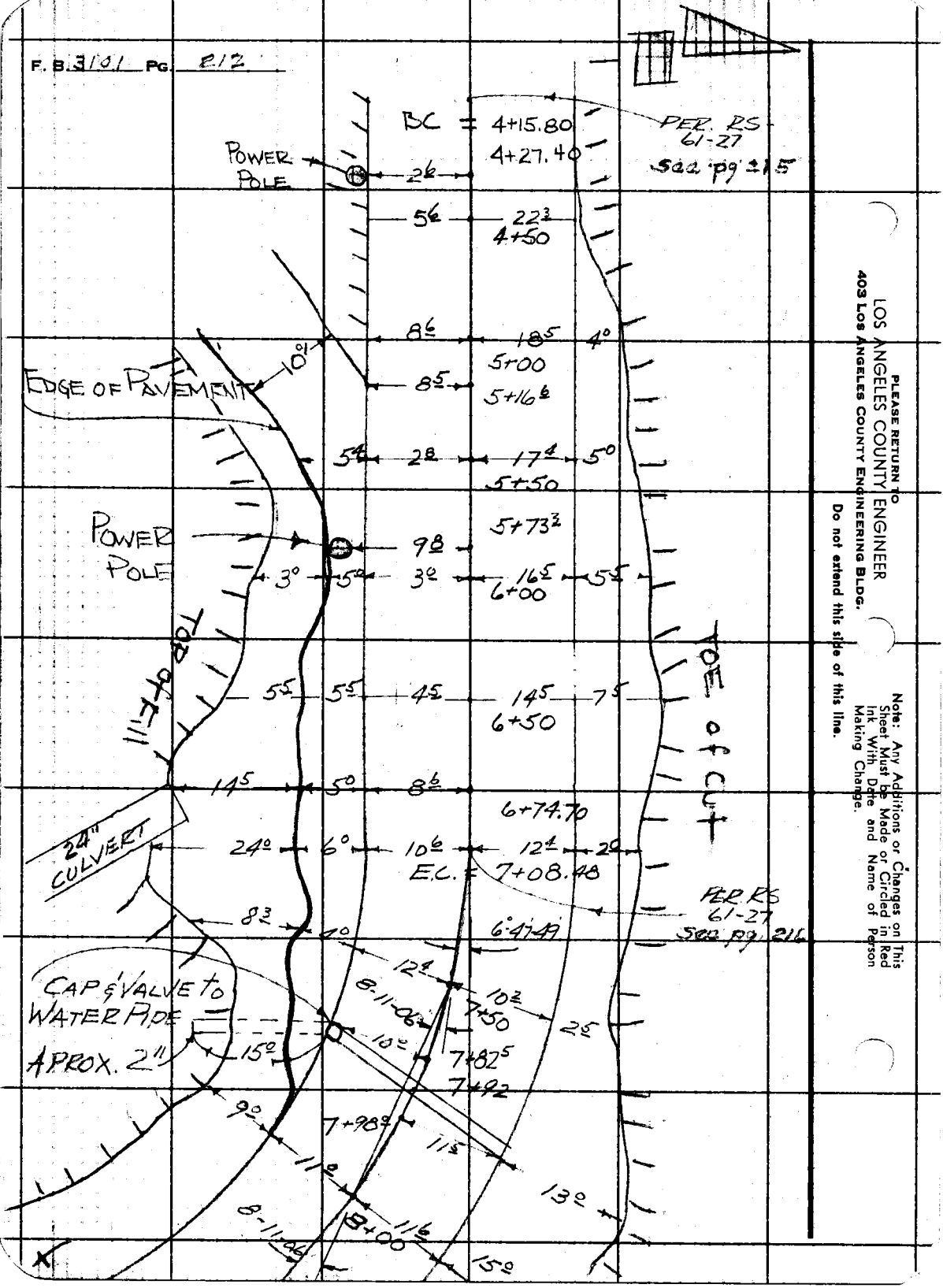
76F3099 CE # 310 3-61

F. B. 3101 PG. 212



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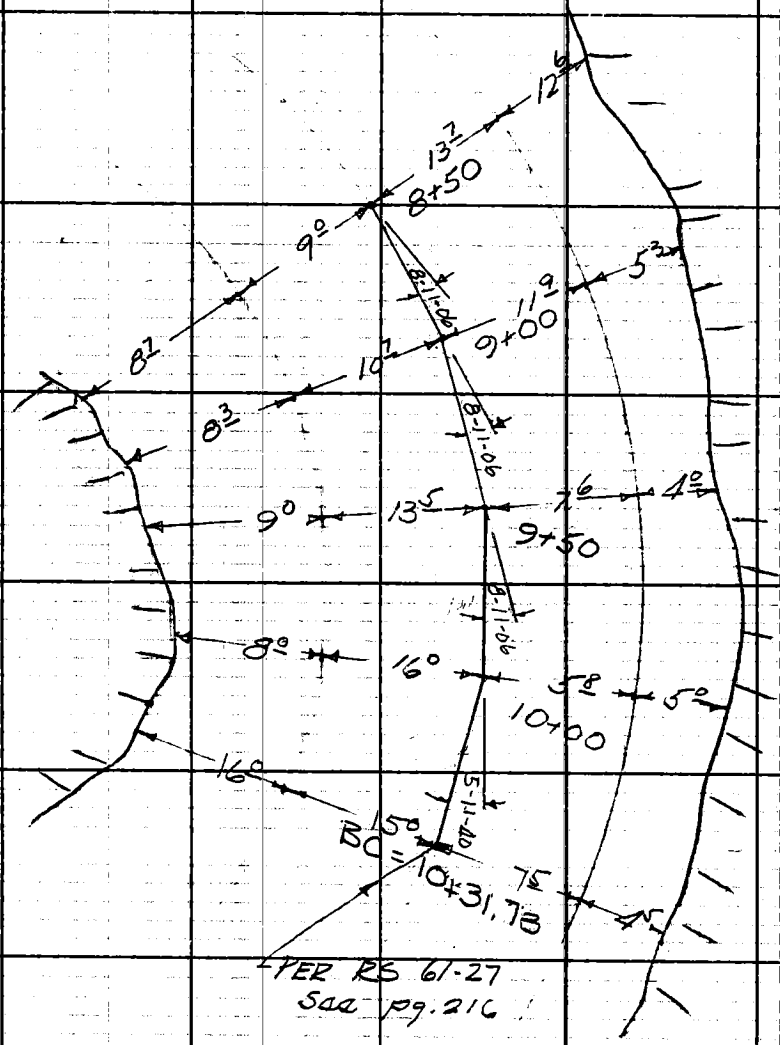
Map No.
Office Work
Checked
Date

Survey of: RAMBLA PACIFICO
JN 2215.14 Tape 101 Std. 84 °F
Surveyed by C.H. MORRISON
Notes B. JACKSON Date 8-23-63
Indexed C. J. GALLI

F. B. 3101 PG. 213



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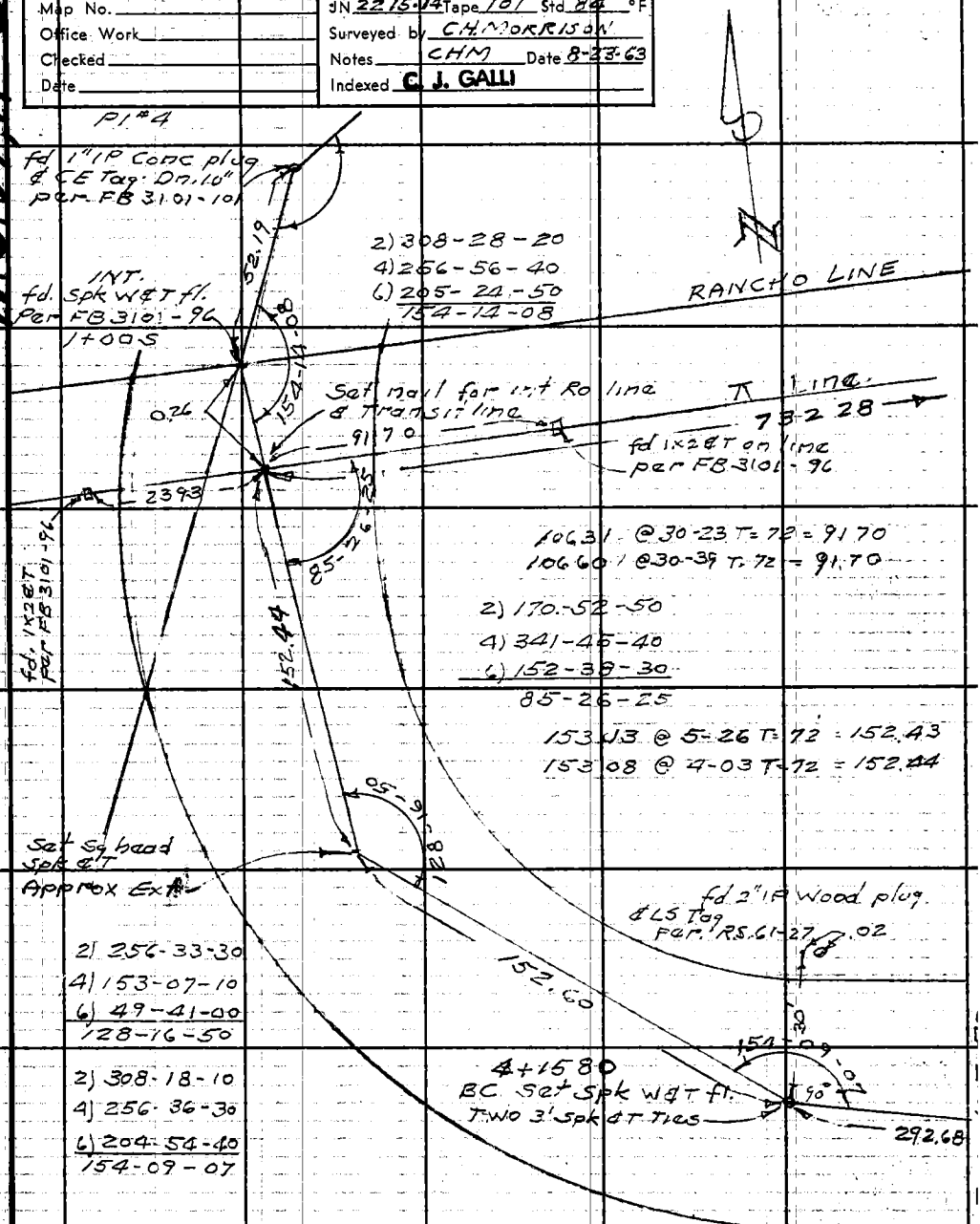
Do not extend this side of this line.

F. B. 3101 PG. 2/4

W.S. 89A-5

Notes Ck'd by	Survey of RAMBLA PACIFICO
Map No.	JN 2215.14 Tape 101 Std 84 °F
Office Work	Surveyed by CH. MORRISON
Checked	Notes CHM Date 8-23-63
Date	Indexed C. J. GALLI

F. B. 3101 PG. 215



151.40 @ 3-22 T=74 = 151.13
151.46 @ 3-42 T=74 = 151.13
1.47 @ Lev = +1.47
152.60

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76F309S CE # 310 3-61

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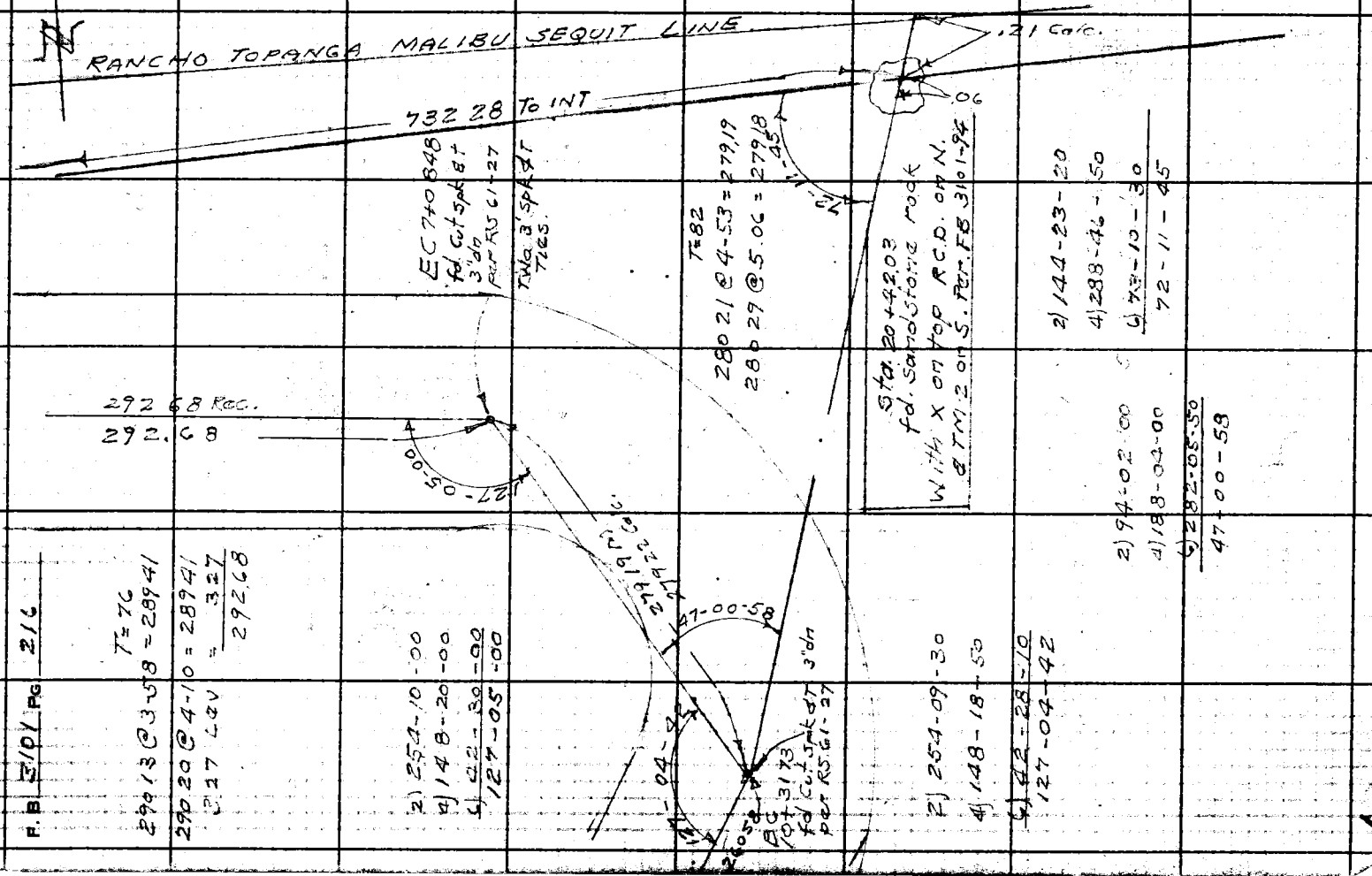
W.S. 89, A-5



Notes Ck'd by W. J. BRENNER	Survey of Hume Area & S	F. B. 3101	Pg. 217
Map No. B-2855	JN 0303.00 Tape 172 Std 84 °F		
Office Work	Surveyed by E. English		
Checked	Notes E.E. E.E.S Date 10-24-63		
Date	Indexed S. J. GALLI JAN 1 '63		

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LAMPLIGHTER LANE
&
HUME ROAD
CENTER LINE RESURVEY

J.N. 0303.00

REF:
F.B. 3101
S.D.F.N. 106-59 Sheet 1

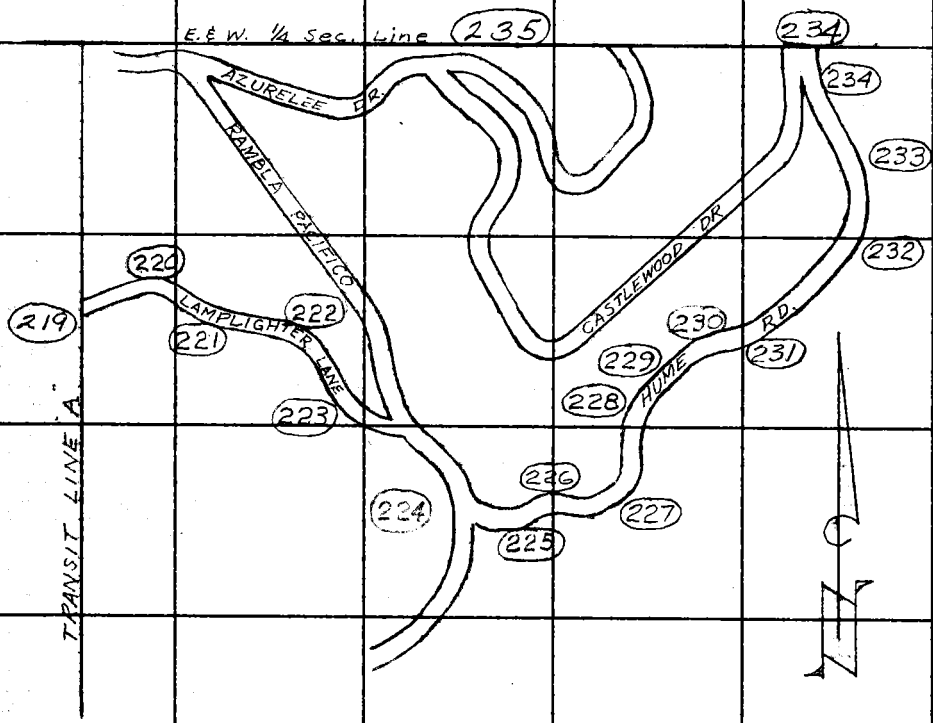
Oct 24, 1963
E. English
E. Shoemaker
G. Tollison
G Masuda
H. Robbins

Resurveyed
1-27-64
E.E.E.
With 300' Tape
#0149

76F309S CE # 310 3-6'

F. B. 3101 Pg. 218

INDEX



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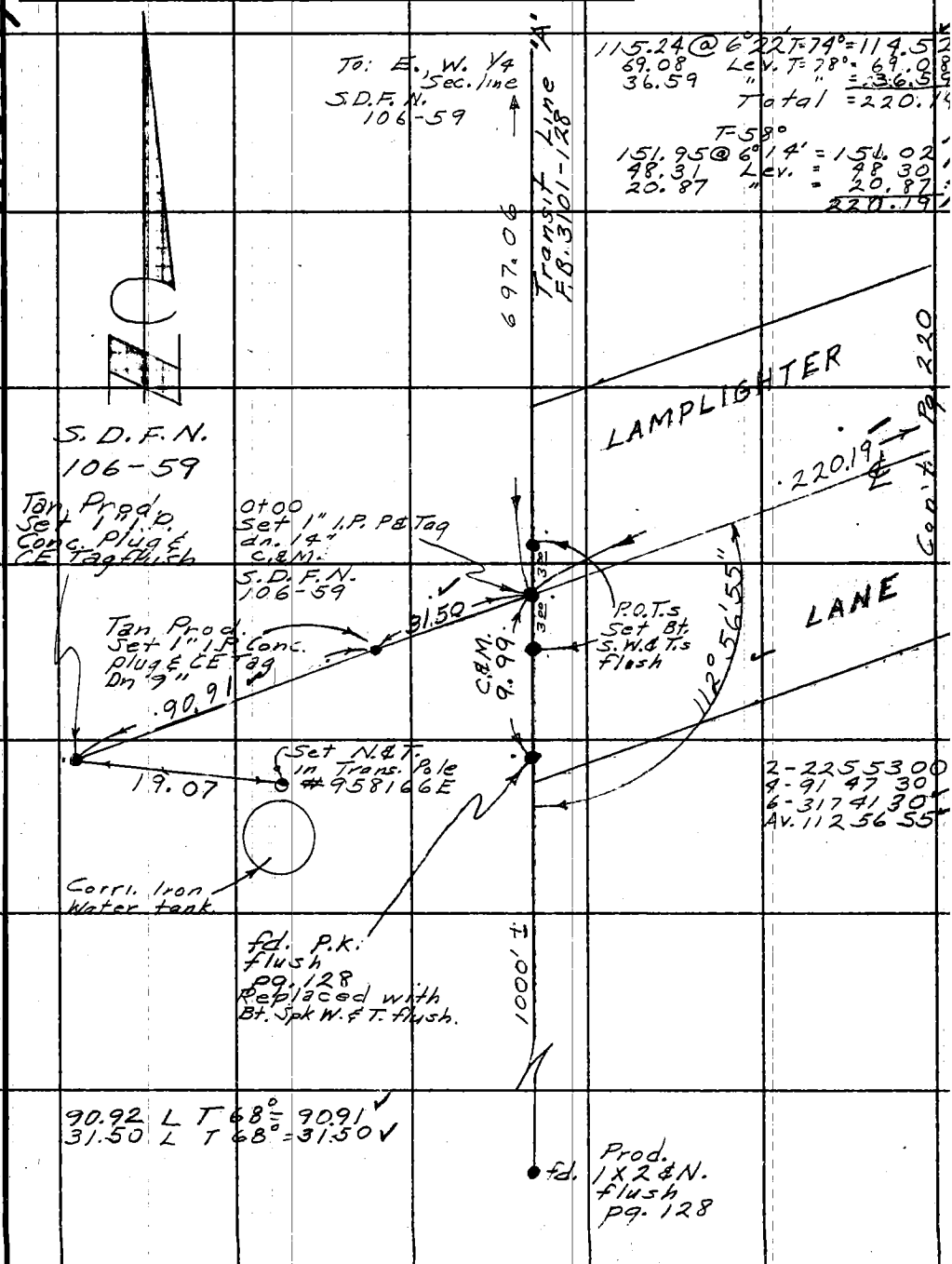
W.S. 89, A-5

Notes Ck'd by W. J. BRENNER	Survey of Hume Area ℄s	F. B. 3101	Pg. 219
Map No. B-2855	JN 0303.00 Tape 172 Std. 84 °F		
Office Work G. H. BOYER	Surveyed by English		
Checked W. J. BRENNER	Notes Ed. Date 10-24-63		
Date MAY 22 1964	Indexed C. J. GALLI		



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7GF309S CE # 310 3-61

F. B. 3101 PG. 220

86.91 @ 3°29' T= 76° = ~~86.75~~
Lev " = ~~5.75~~
Total = ~~92.40~~ 92.50

131.52 @ 14°19' T 66° = 127.42
40.01 @ L T=68 = 40.01

S.D.F.N. 106-59

Cont. Pg. 221

P.I. 1 2+20.19
Set 1" I.P. P.& Tag
dn. 12" - P.& M.

R.P.P.I.
Set 1" I.P. Conc.
Plug & C.E. Tag
Flush

T=66°
92.41 Lev.
= 92.40
E.H.E.
1-16-64

~~92.40~~

40.01

127.42
℄ Prod.

33.4

20.84

R=80

114°-34'-05"

2" x 8"
Black &
White
Rd.
Marker
Marked
59+28

P.O.S.T.
Set Bt.
S.W.& T.
flush

2 - 229 08 10
4 - 98 16 20
6 - 327 24 30
Av. 114°34'05"

LAMPLIGHTER LANE
220.19

R/W

R/W

Cont. ℄ Pg 219

W.S. 89, A-5

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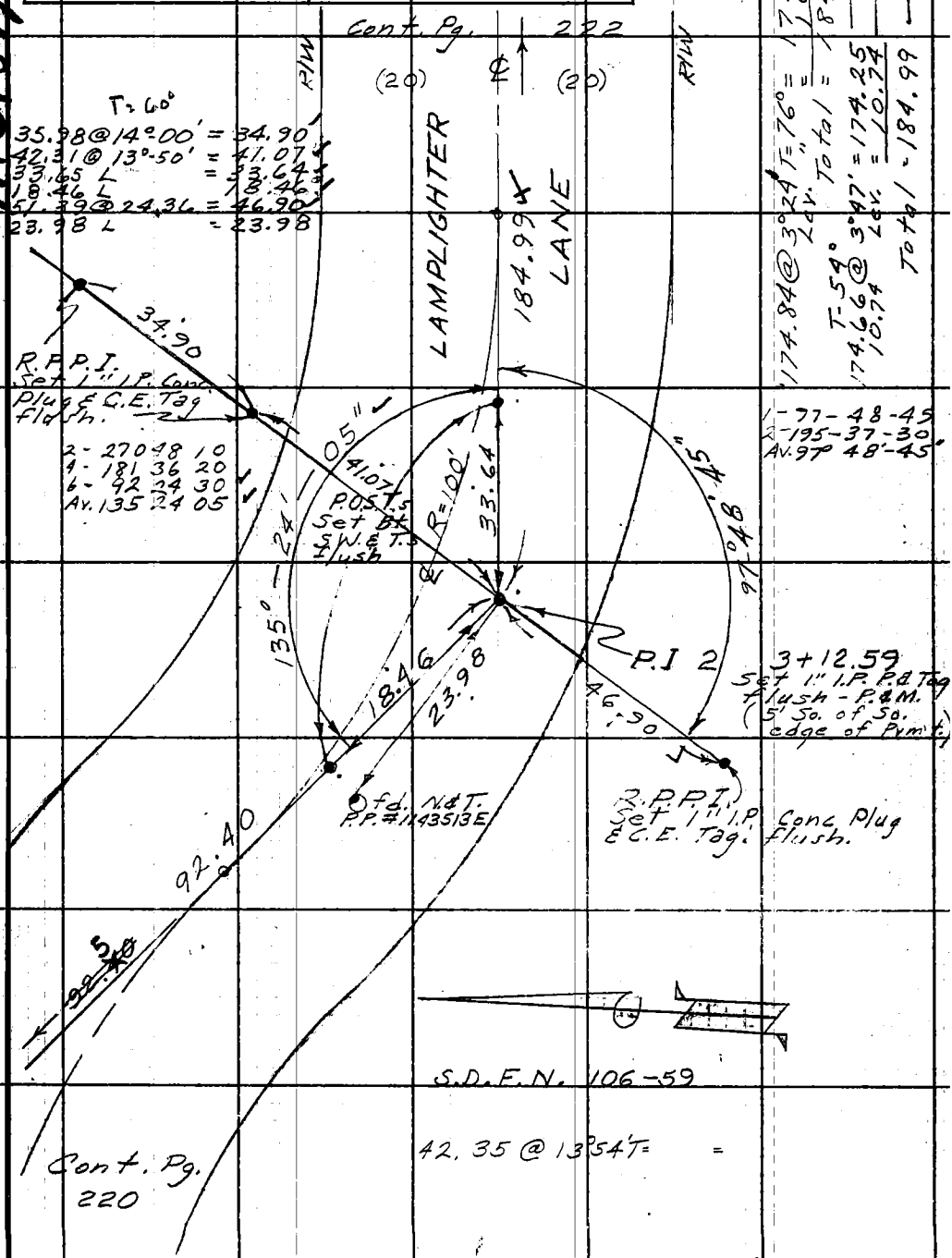
Notes Ck'd by W. J. BRENNER	Survey of Hume Area ℄'s	F. B. 3101 Pg. 221
Map No. R-2855	JN 0303.00 Tape 172 Std 84 °F	
Office Work G. H. BOYER	Surveyed by E. English	
Checked W. J. BRENNER	Notes E.E. & E.S. Date 10-24-63	
Date MAY 23 1964	Indexed C. J. GALLI	

W.S. 89, A-5



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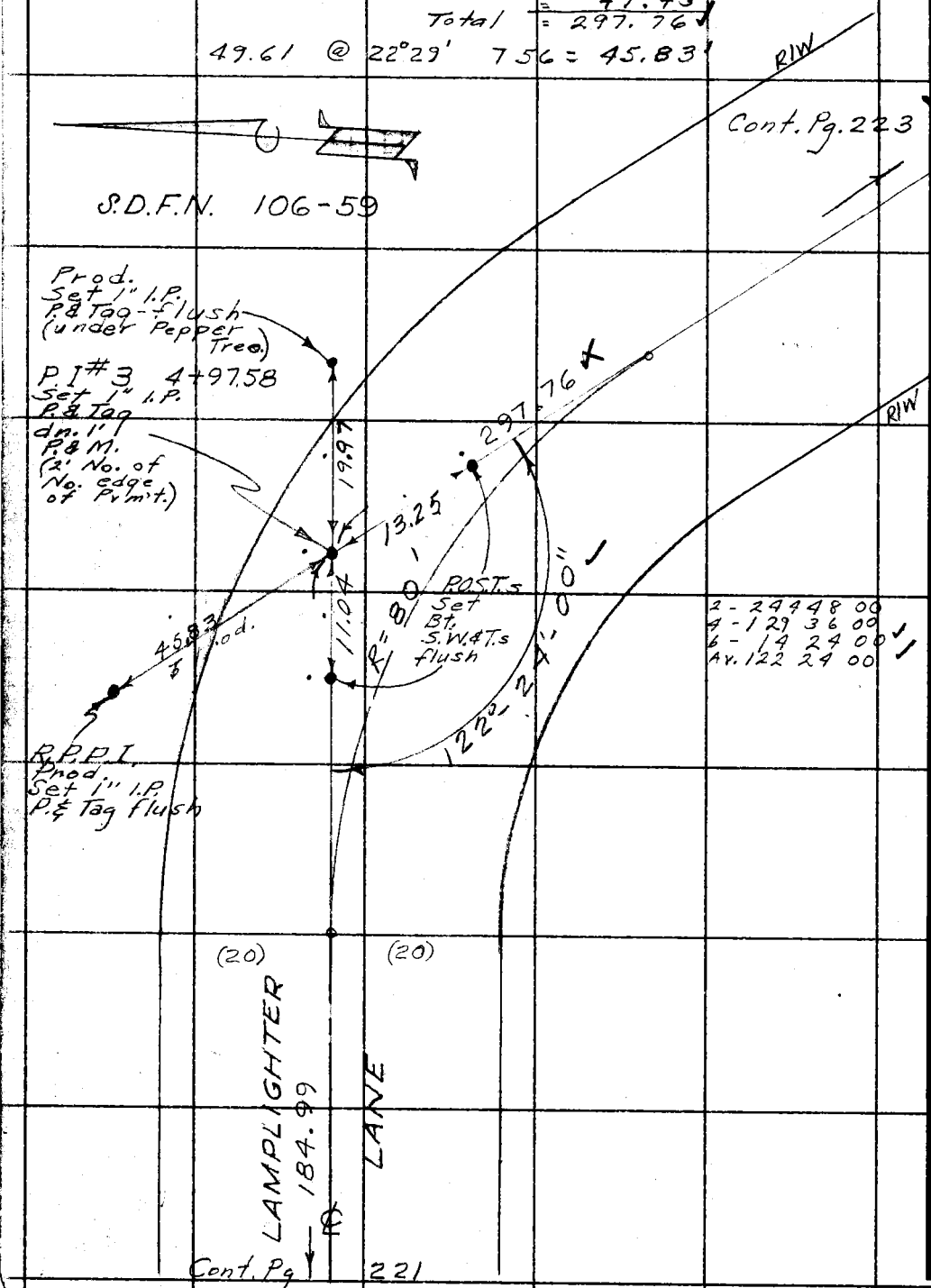
76F309S CE # 310 3-61

F. B. 3101 Pg. 222

250.62 @ 1°55' T-60° = 250.44
Lev. " = 47.32
= 297.76

250.44 @ 1°39' T-84° = 250.38
= 47.43
Total = 297.76

49.61 @ 22°29' 756 = 45.83'



2 - 24 44 8 00
4 - 1 29 36 00
6 - 14 24 00
Av. 122 24 00

W.S. 89, A-5

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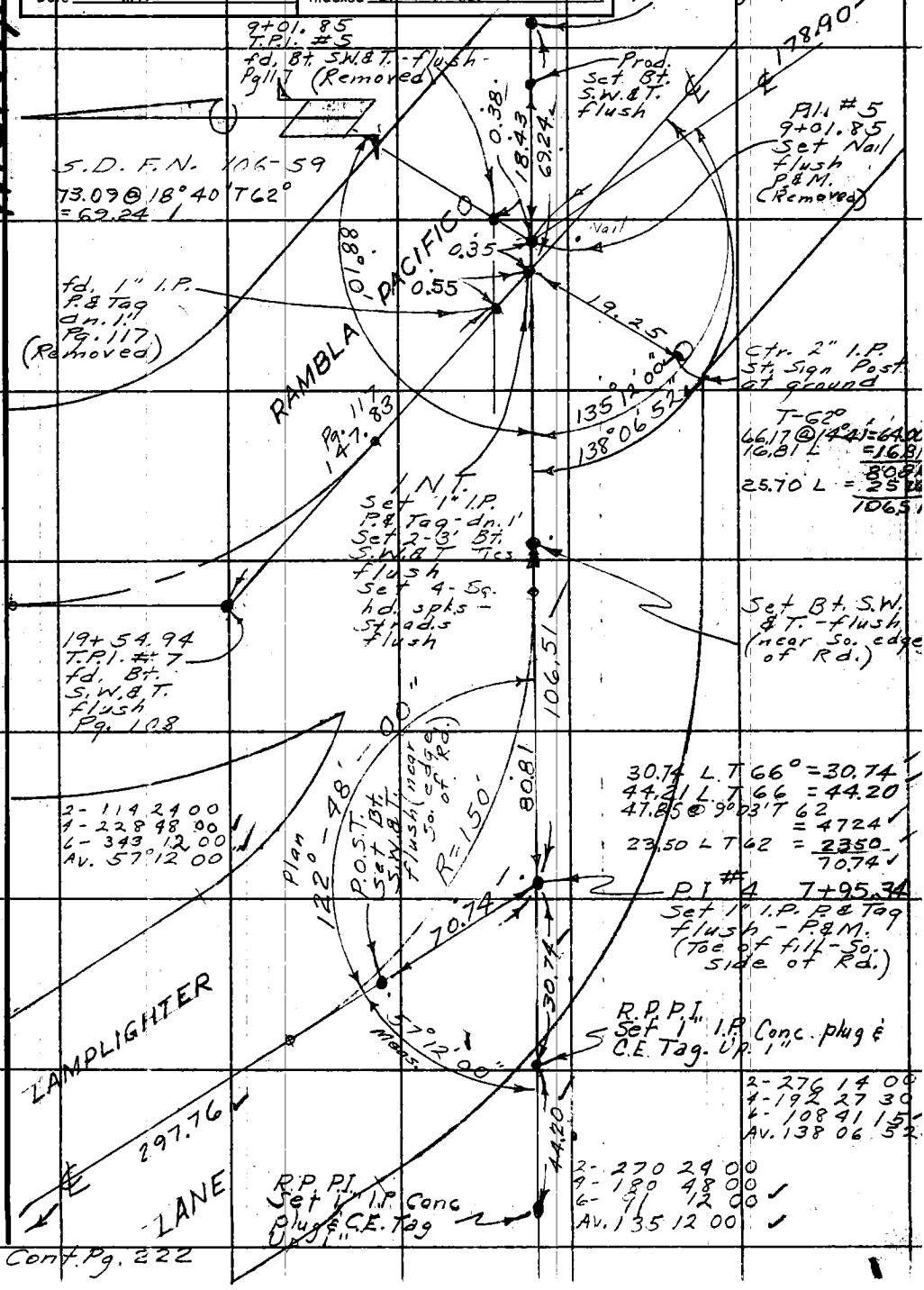
W.S. 89, A-5

Notes Ck'd by W. J. BRENNER	Survey of Hume Area ¢'s
Map No. B-2856	JN 0303.00 Tape 172 Std 84 °F
Office Work G. H. BOYER	Surveyed by E. English
Checked W. J. BRENNER	Notes E.E. & E.S. Date 10-24-63
Date MAY 22 1964	Indexed C. J. GALLI

F. B. 3101 PG. 223

Cont Pg 224



Cont. Pg. 222

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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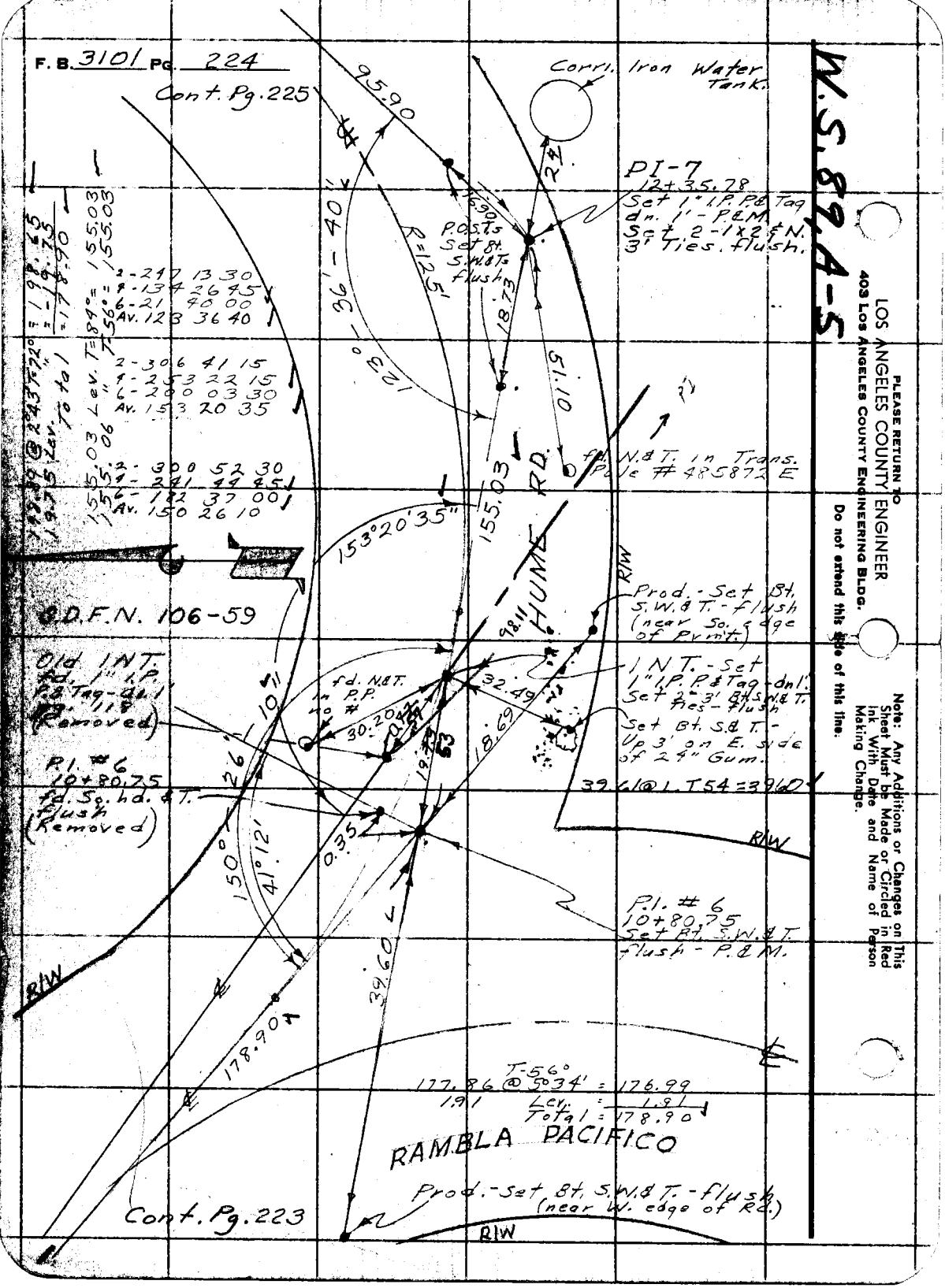
76F3095 CE # 310 3-61


F. B. 3101 Pg. 224
Cont. Pg. 225
Corri. Iron Water Tank.
W.S. 89, A-5
PI-7
12+35.78
Set 1" I.P. P.& Tag dn. 1' - P.&M.
Set 2-1x2 & N. 3' Ties. flush.
P.O.S.Ts Set Bt. S.W.&T. flush
R=125'
123° - 36' - 40"
95.90
16.90
18.73
51.10
fd. N.&T. in Trans. Pole # 485872 E
155.03
153°20'35"
HUME RD.
R/W
Prod. - Set Bt. S.W.&T. - flush (near So. edge of Pvmt.)
I.N.T. - Set 1" I.P. P.& Tag - dn 1'. Set 2-3' Bt. S.W.&T. Ties - flush
Set Bt. S.&T. - Up 3' on E. side of 24" Gum.
39.61 @ L.T 54 = 39.60
R/W
P.I. # 6
10+80.75
Set Bt. S.W.&T. flush - P.&M.
Old I.N.T. fd. 1" I.P. P.& Tag - dn. 1' Pg. 118 (Removed)
P.I. # 6
10+80.75
fd. So. hd. & T. flush (Removed)
fd. N.&T. in P.P. no #
30.20
32.49
18.69
19.73
0.35
26' - 10"
150°
41°12'
39.60
178.90
R/W
T-56°
177.86 @ 5°34' = 176.99
1.91 Lev. = 1.91
Total = 178.90
RAMBLA PACIFICO
Prod. - Set Bt. S.W.&T. - flush (near W. edge of Rd.)
R/W
Cont. Pg. 223
2-247 13 30
4-134 26 45
6-21 40 00
Av. 123 36 40
2-306 41 15
4-253 22 15
6-200 03 30
Av. 153 20 35
2-300 52 30
4-241 44 45
6-182 37 00
Av. 150 26 10
198.89 @ 2°43' T-72° = 198.65
19.75 Lev. = -19.75
Total = 178.90
155.03 Lev. T=84° = 155.03
155.06 " T-56° = 155.03
S.D.F.N. 106-59
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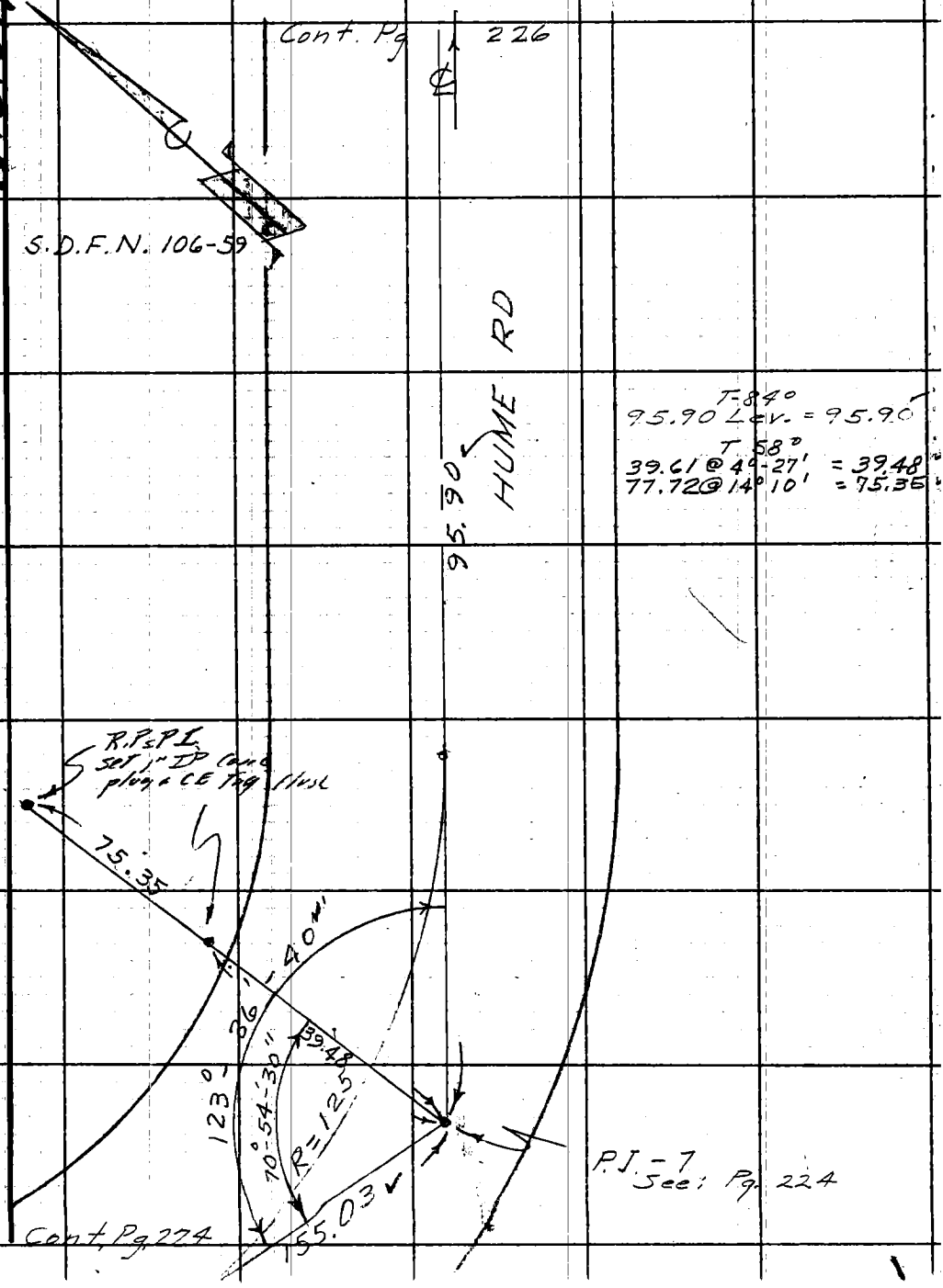
Notes Ck'd by W. J. BRENNER	Survey of Hume Area ℄'s	F. B. 3101 Pg. 225
Map No. B-2855	JN 0303.00 Tape 172 Std 84 °F	
Office Work G. H. BOYER	Surveyed by E. English	
Checked W. J. BRENNER	Notes E.E. & E.S. Date 10-24-63	
Date MAY 22 1964	Indexed C. J. GALLI	

W.S. 89.A-5



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76F309S CE # 310 3-61

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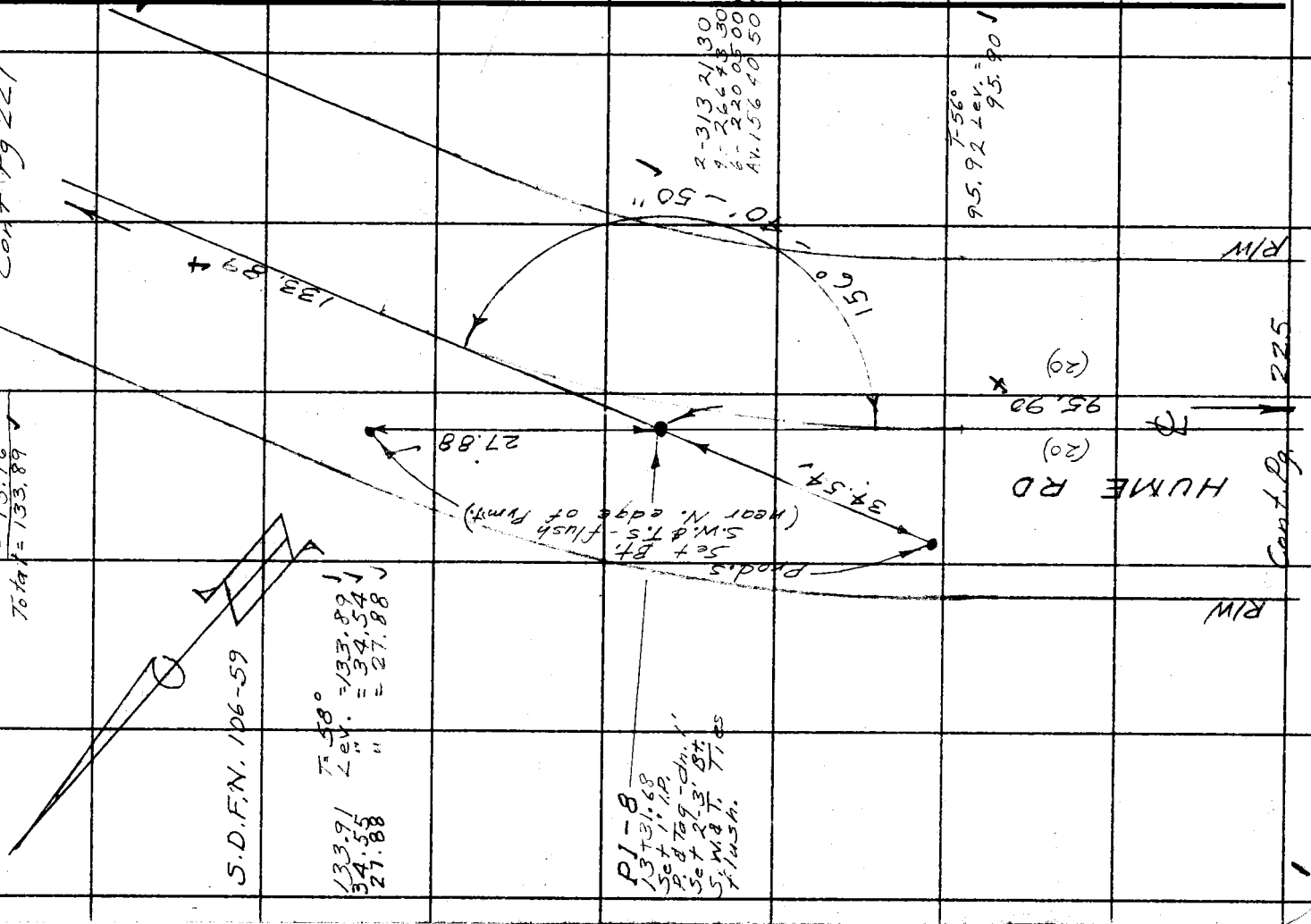
W.S. 89, A-5



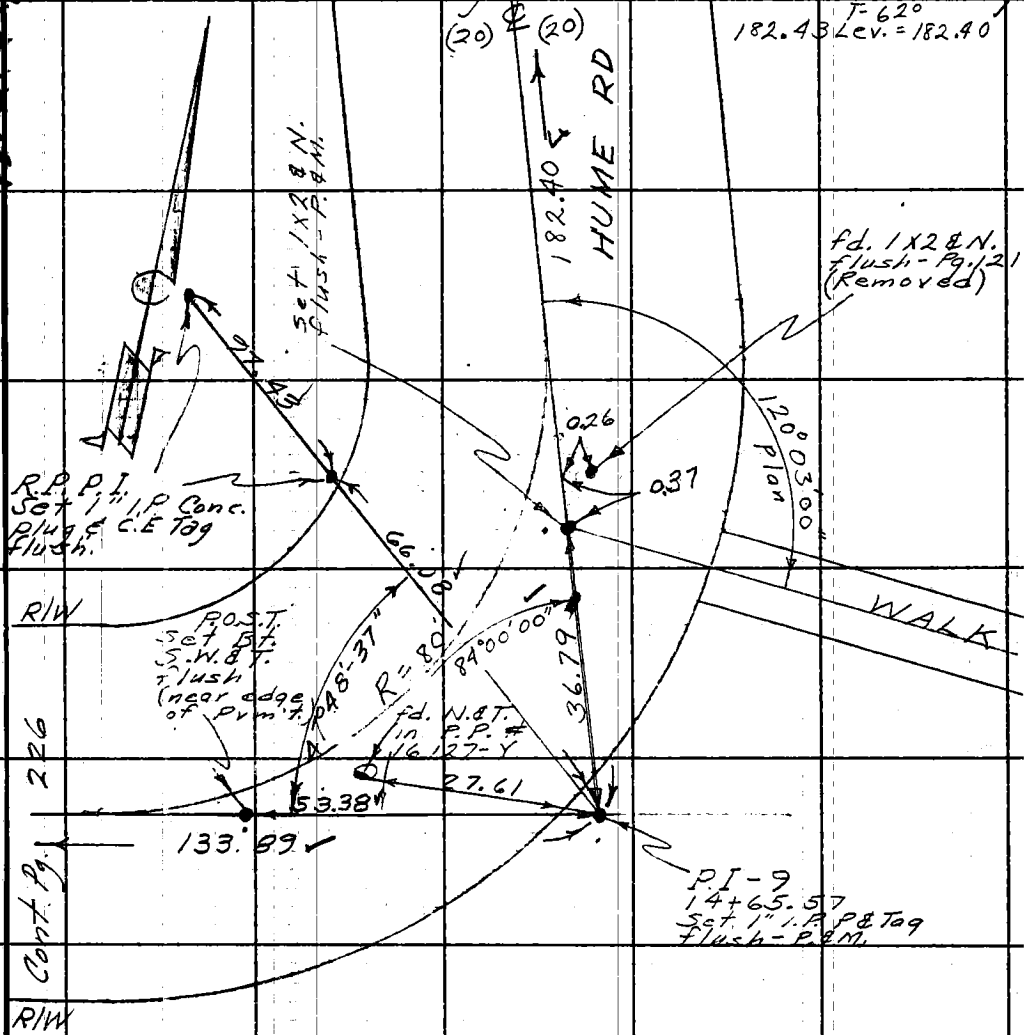
W.S. 89A-5

Notes Ck'd by W. J. BRENNER	Survey of Hume Area 4's	F. B. 3101 PG. 227
Map No. B 2855	JN 0303.00 Tape 172 Std 84 °F	
Office Work G. H. BOYER	Surveyed by E. English	
Checked W. J. BRENNER	Notes E.E. & E.S. Date 10-25-63	
Date MAY 22 1964	Indexed E. J. GALLI	

T-84°
182.40 Lev. = 182.40

S.D. EN. 106-59 Cont Pg 228

T-62°
182.43 Lev. = 182.40



T=80°

66.51 @ 6°32' = 66.08
98.77 @ 9°27' = 97.43
53.38 @ L = 53.38
36.79 @ L = 36.79

2 - 168 00 00
4 - 336 00 00
6 - 144 00 00
Av. 84 00 00

2) 95 - 37 - 15
4) 191 - 14 30
A 47 - 48 - 37

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7 6F3095 CE # 310 3-61

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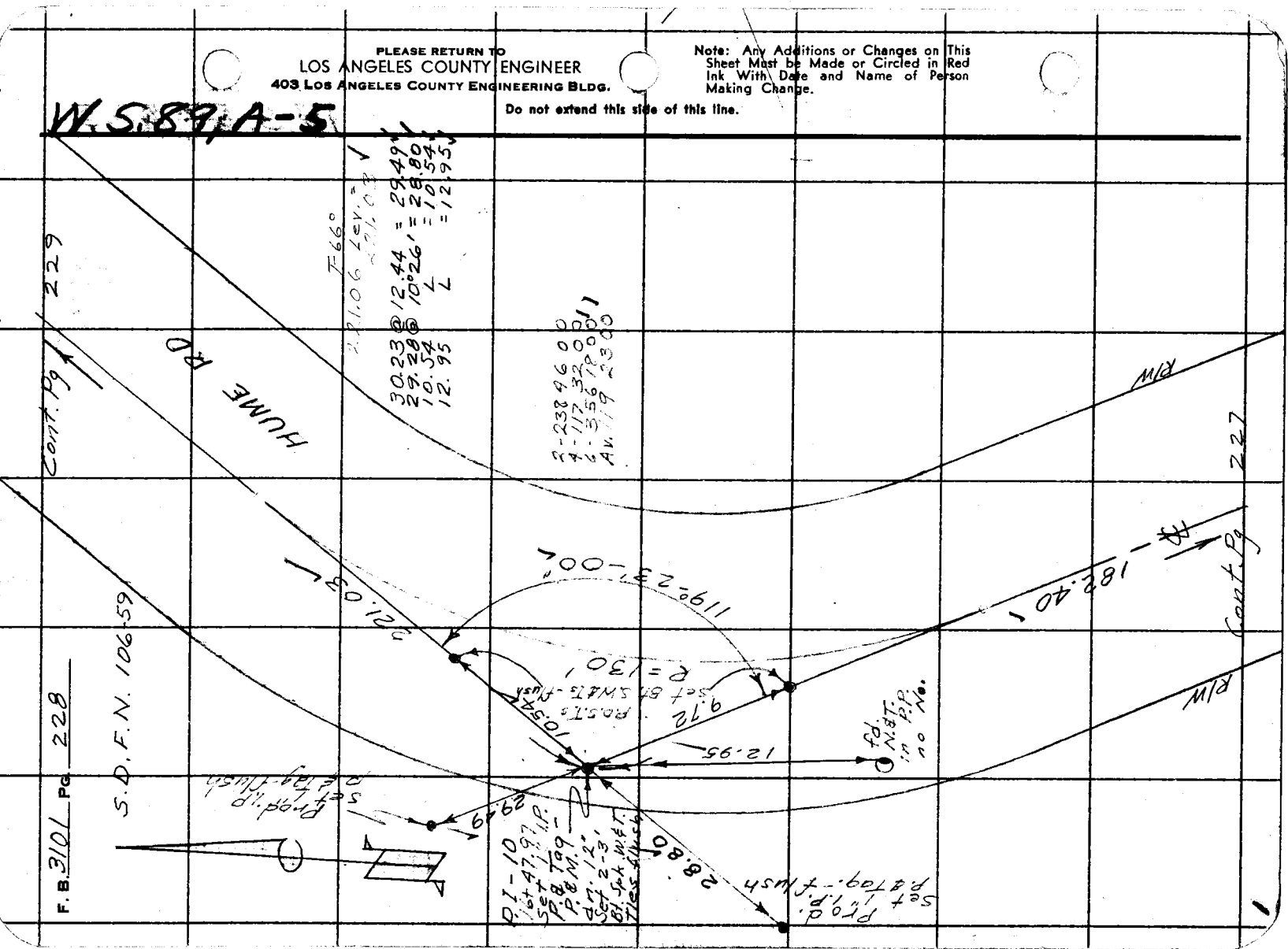
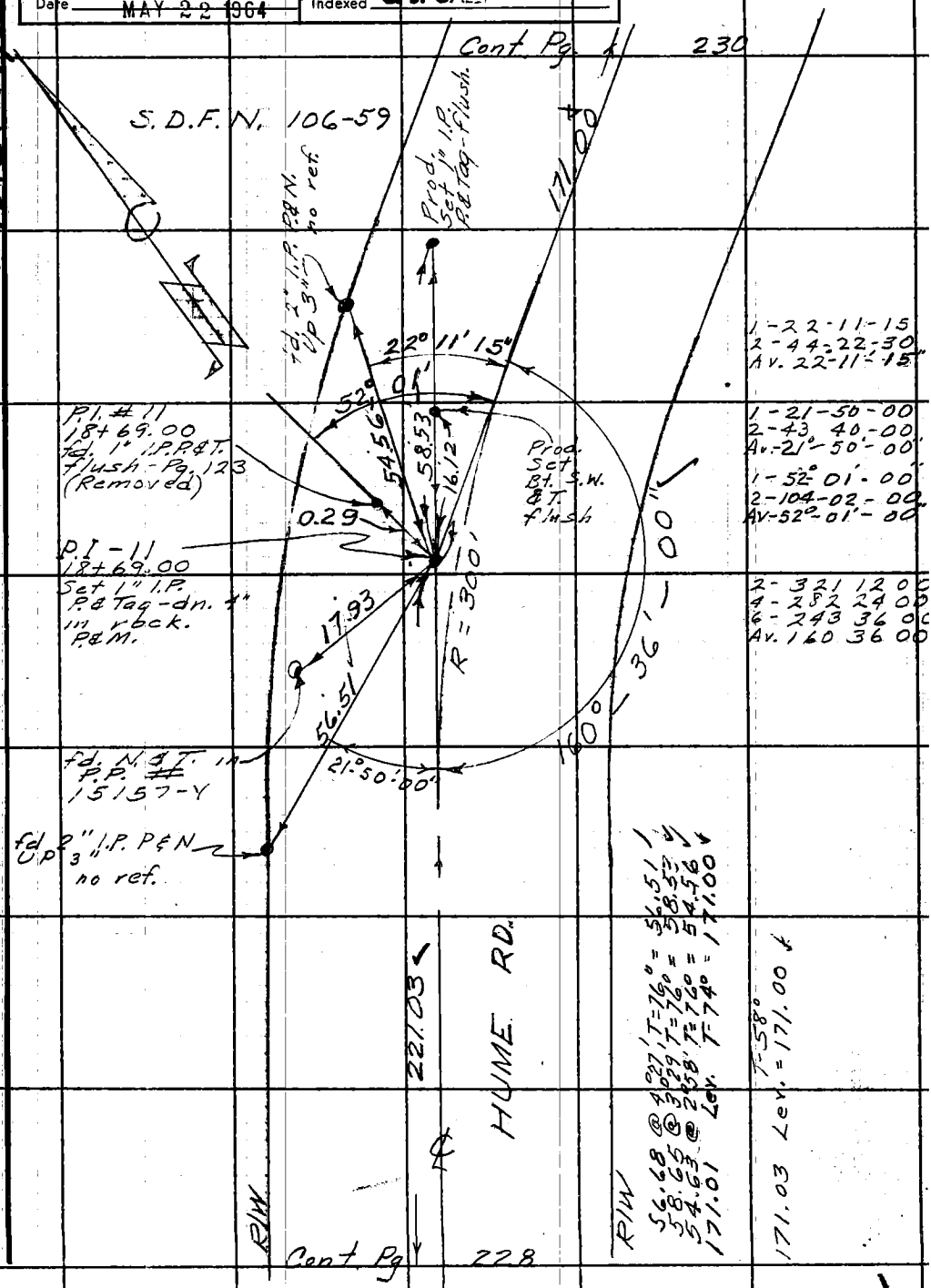
W.S. 89, A-5



Notes Ck'd by W. J. BRENNER	Survey of Hume Area ¢'s	F. B. 3101 Pg. 229
Map No. B-2855	JN0303.00 Tape 172 Std. 84 °F	
Office Work G. H. BOYER	Surveyed by E. English	
Checked W. J. BRENNER	Notes E.E. & E.S. Date 10-25-63	
Date MAY 22 1964	Indexed C. J. GALLI	

W.S. 89, B-5



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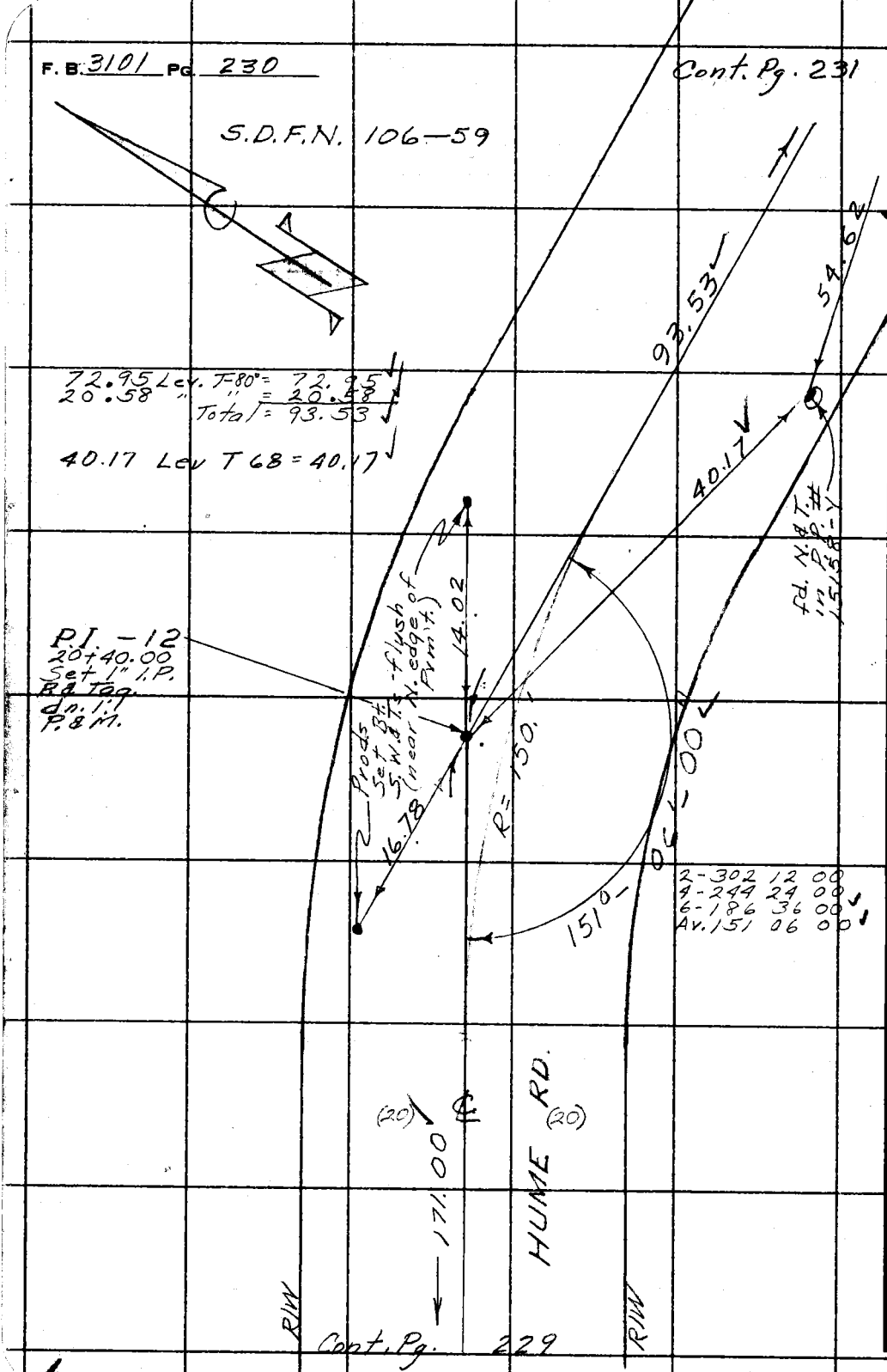
76F309S CE # 310 3-61

F. B. 3101 PG. 230

Cont. Pg. 231

W.S. 89, B-5



Cont. Pg. 229

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Notes Ck'd by W. J. BRENNER	Survey of Hume Area ℄'s	F. B. 3101 Pg. 231
Map No. B-2855	JN 0303.00 Tape 172 Std. 84 °F	
Office Work G. H. BOYER	Surveyed by E. English	
Checked W. J. BRENNER	Notes E.E. & E.S. Date 10-25-63	
Date MAY 22 1964	Indexed C. J. GALLI	

W.S. 89, B-5

Con't. Pg. 232

S.D.F.N 106-59

37.36 Lev. T-78° = 37.36
133.65 " " = 133.64
6.98 " " = 6.98
Total = 177.98

36.05 @ 17°-53' T68 = 34.31
45.60 @ 19°-05' " = 43.09
37.37 @ L " 37.37
20.82 @ L " 20.82
54.63 @ L " 54.62
T-64°
93.54 Lev. = 93.53
T-60°
178.01 Lev. = 177.98

P.I-13
21+33.53
Set 1" I.P. P.&Tag
dn. 1'.
P.&M.

P.O.S.T.S.
Set Bt. S.
W.&T.S. - flush
(near So. edge of Pvmt.)

R.P.P.I.
Set 1" I.P. & Conc
Plug & C.E Tag.
Flush.

R = 150

43.09
34.31
20.82
37.37
177.98
71°-35'-15"
56'-30"
142°
93.53
54.62
HUME RD.
(40)
R/W
℄
R/W

2	285-53-00
4	211-46-00
6	137-39-00
AV	142-56-30

1	71°-35'-15"
2	143-11-00
AV	71-35-15

Con't. Pg. 230

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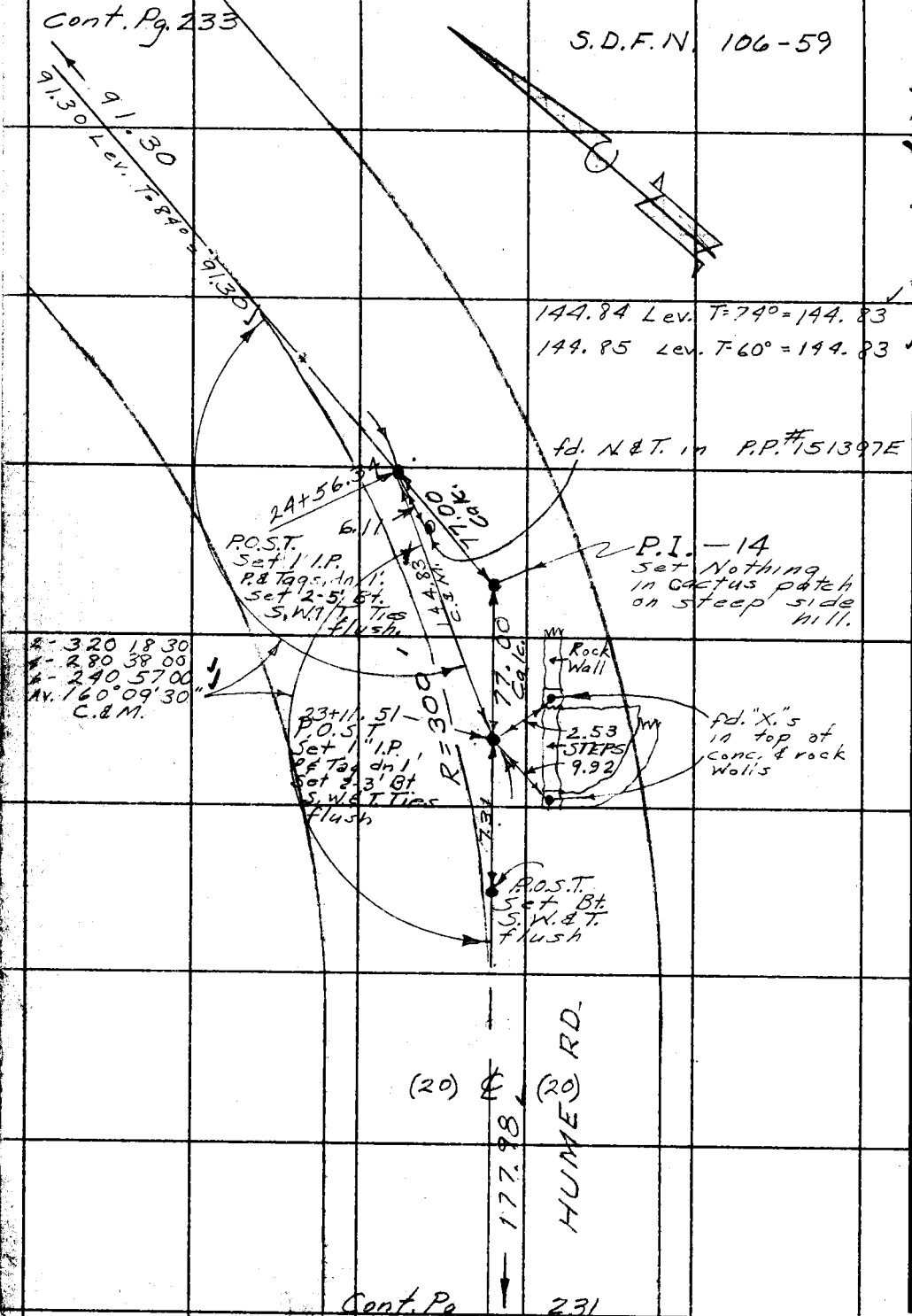
76F3095 CE # 310 3-61

OK

F. B. 3101 Pg. 232

Cont. Pg. 233

S.D.F.N. 106-59



Cont. Pg. 231

W.S.89, B-5

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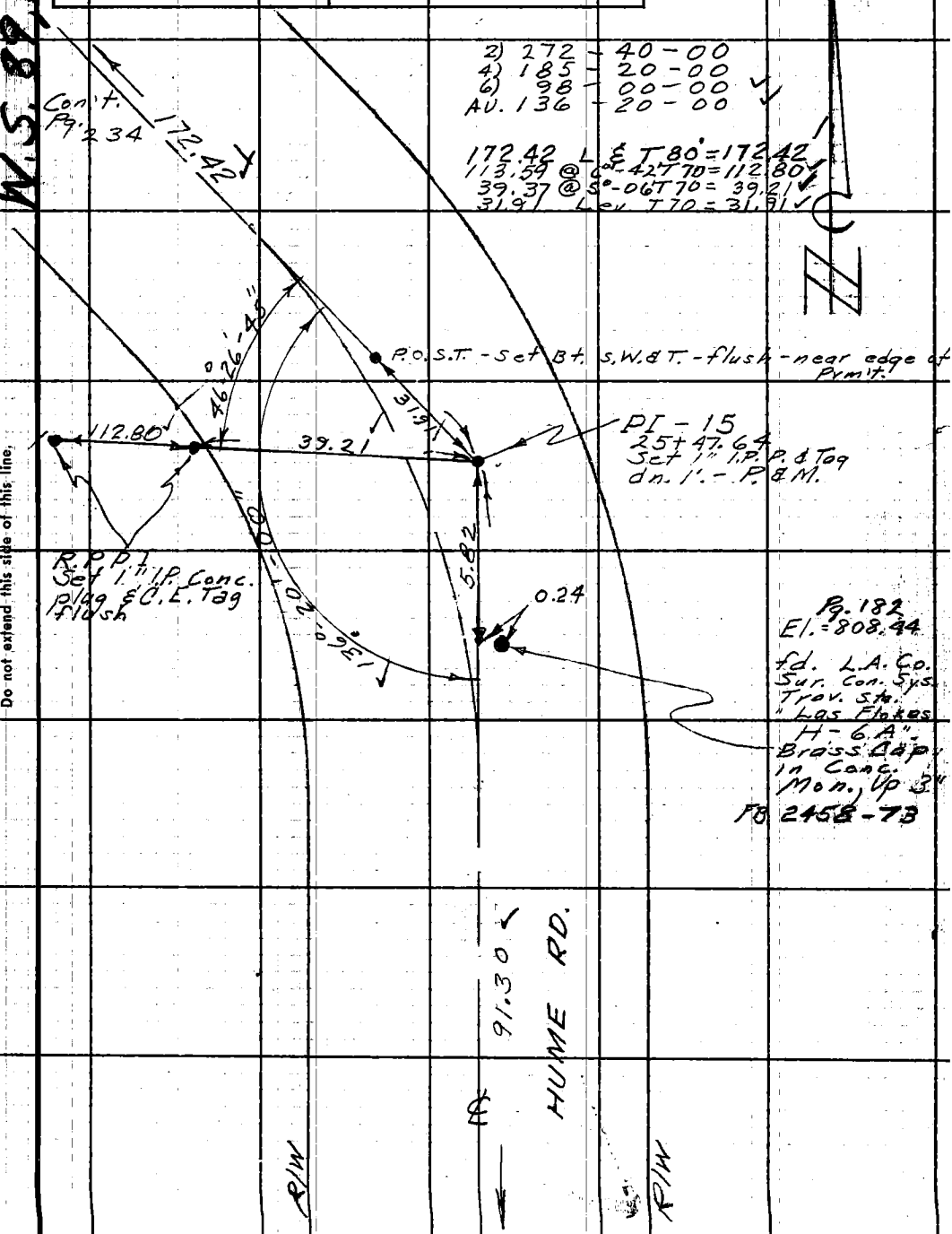
Notes Ck'd by W. J. BRENNER	Survey of Hume Area ℄'s	F. B. 3101 Pg. 233
Map No. B-2856	JN 0303.00 Tape 172 Std 84 °F	
Office Work G. H. BOYER	Surveyed by E. English	
Checked W. J. BRENNER	Notes E.E. & E.S. Date 10-25-63	S.D. F.N. 106-59
Date MAY 22 1964	Indexed C. J. GALLI	

W.S. 89, B-5



Con't. Pg. 232

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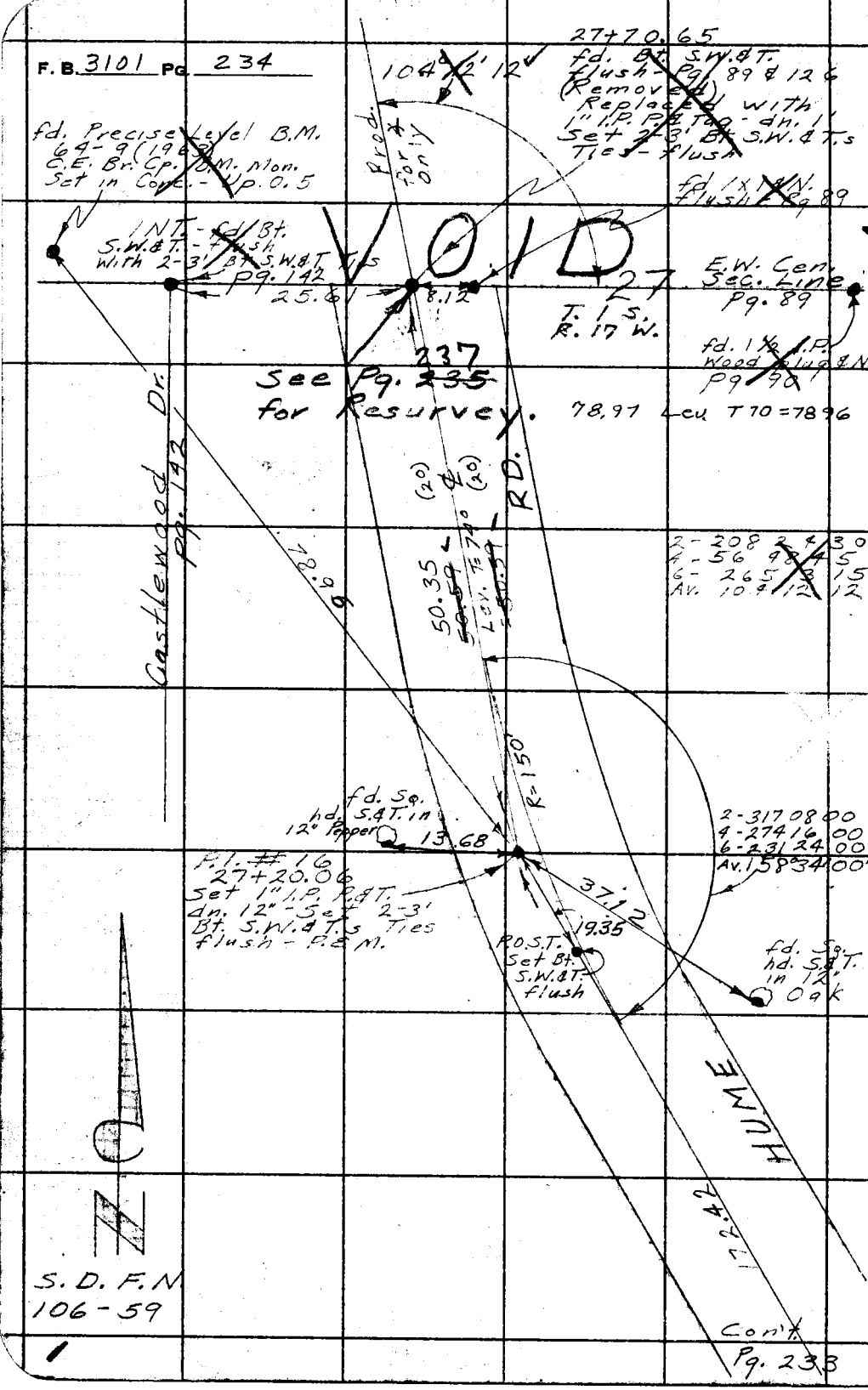
7 6F309S CE # 310 3.61

F. B. 3101 Pg. 234



S. D. F. N.
106-59

Con't Pg. 233

W.S. 89, B-5

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Notes Ck'd by W. Brenner	Survey of HUME RESERVOIR	F. B. 3101	Pg. 235
Map No. B-2873	JN 529401 Tape 188 Std 84 °F		
Office Work J. J. EDWARDS	Surveyed by C Adams		
Checked W. J. BRENNER	Notes C Adams Date 10-28-63		
Date MAY 22 1964	Indexed J. GALLI JAN 1 '63		

HUME RESERVOIR SITE
PROPERTY COR. MONUMENTS

J.N. 5294.01

C. Adams
R. Swan
B Jackson

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

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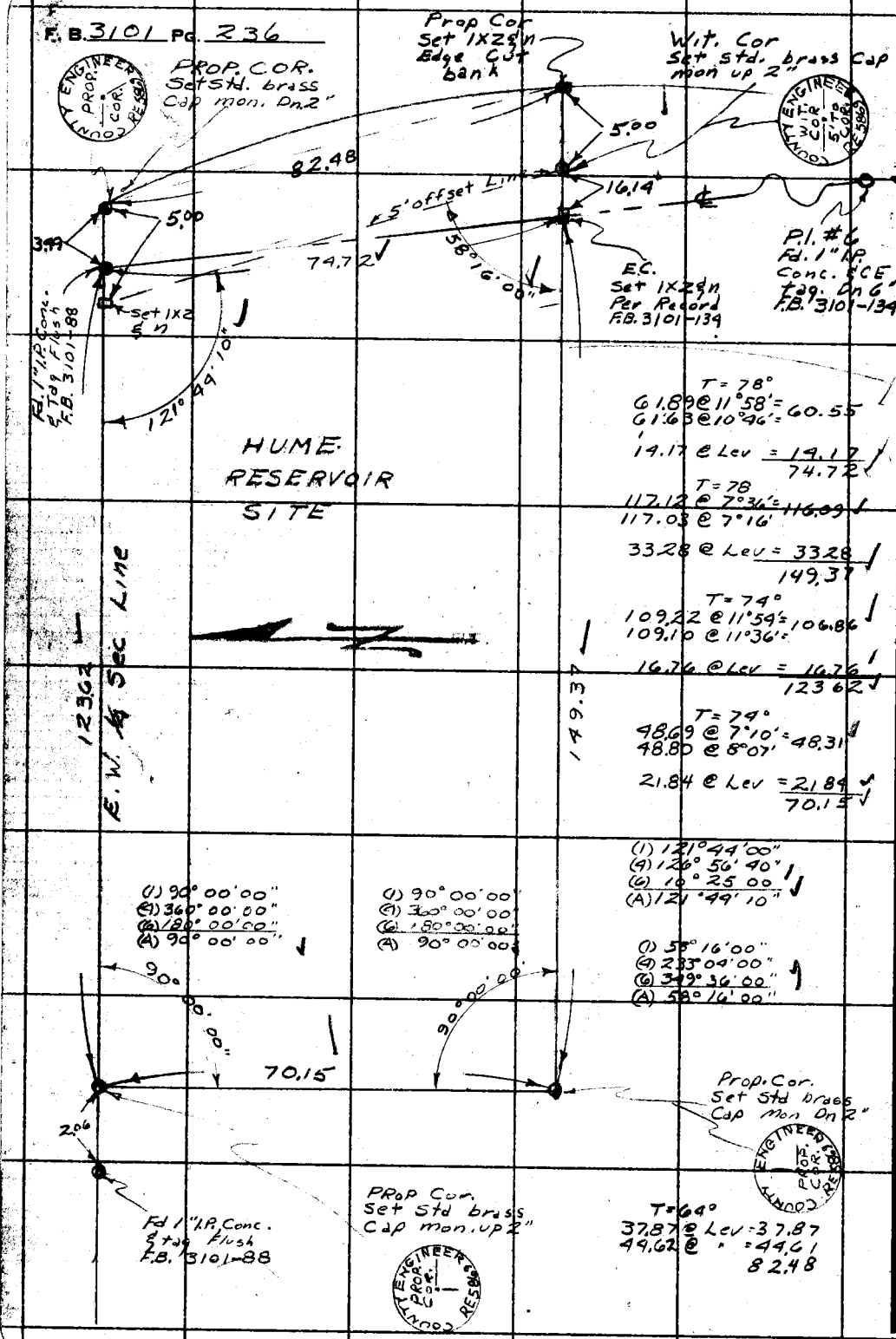
76F3095 CE # 310 3-61

F. B. 3101 PG. 236

W.S. 89, B-5



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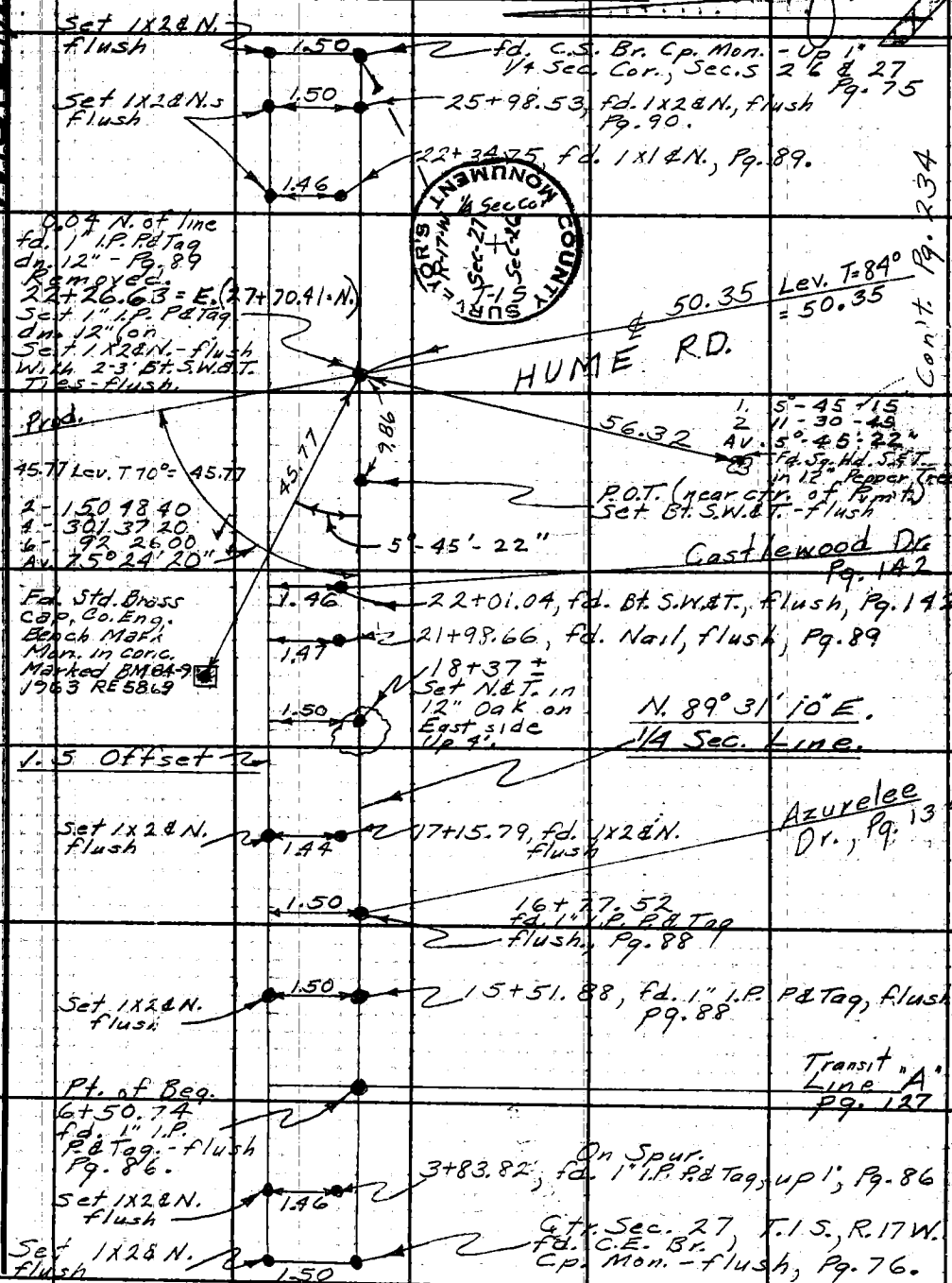
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

W.S. 89, A, B-5

Notes Ck'd by W. J. BRENNER	Survey of Hume Area ℄s	F. B. 3101 Pg. 235
Map No. B-2855	JN 4302.01 Tape 0149 Std 84 °F	
Office Work G. H. BOYER	Surveyed by English	Note: Survey for Line Only.
Checked W. J. BRENNER	Notes Ed. Date 1-20-64	
Date MAY 22 1964	Indexed E. J. GALL	



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

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76F309S CE #310 6-62

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R. B. 3101 Pg. 238

Profile Notes Red Plotted Job No. 2215.15 Division No.
No. Date Date Survey of HUME RESERVOIR SITE #2
X-Sec. Notes Chkd. Checked Survey by J.T. Notes C.Y. Date 6-21-67
No. Date Date Map No. Indexed C. J. GALLI Date JUN 23 '67

HUME RESERVOIR SITE #2

BENCH LEVELS FOR TOPOG. CONTROL
P. T. SHEET H-34-A

J.N. 2215.15
JUNE 1967

STATION	B.S.	H.I.	F.S.	ELEV.
			REF: F.B. 3101	

PARTY
J. TERRANOVA
C. YASUI
G. MASUDA
H. MITCHELL

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

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

Do not extend notes this side of this line.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	
FD. T.B.M. #8	11.233	930.673		919.44	FD. T.B.M. #8 ELEV. = 919.44 F.B. 3101-192 INT. AZURELEE DR & RAMBLA PACIFICO 30'± S. OF
FD. B.M. 64-7	11.134	932.134	9.673	921.000	FD. LG. BT. SPK IN E. SIDE OF P.P. #24905 Y UP. 1º FT.
T.P.	11.405	943.216	0.323	931.811	T.P.
T.P.	11.503	954.527	0.192	943.024	T.P.
T.P.	11.795	966.151	0.171	954.356	T.P.
T.P.	9.767	975.743	0.175	965.976	T.P.
FD. T.B.M. #8-A	11.179	986.719	0.203	975.540	FD. T.B.M. 8-A ELEV. = 975.56 BT. SPK. IN P.P. #1143241 E. SOUTH SIDE OF AZURELEE DR. 50'± EAST INTER. CASTLEWOOD DR. F.B. 3101-195
T.P.	11.269	997.779	0.209	986.510	T.P.
T.P.	11.784	1009.281	0.282	997.497	T.P.
T.P.	10.811	1019.941	0.151	1009.130	T.P.
T.P.	10.720	1030.468	0.193	1019.748	T.P.
T.P.	11.551	1041.757	0.262	1030.206	T.P.
T.P.	1.475	1038.972	4.260	1037.497	T.P.
B.M. #1	11.473	1038.523	11.922	1027.050	B.M. #1 ELEV. = 1027.050 FD. STD. BRASS CAP MON. WIT. COR. 5º FT. TO S.E. COR. HUME RESERVOIR SITE F.B. 3101-236
T.P.	11.120	1049.461	0.182	1038.341	T.P.
T.P.	5.817	1054.730	0.548	1048.913	T.P.
B.M. #2	4.547	1054.684	4.593	1050.137	B.M. #2 EL. = 1050.137 F.B. 3101-236 FD. STD. BRASS CAP MON. S.W. COR. HUME RESERVOIR SITE
1 1/2" I.P. T.B.M. 8-B			11.490	1043.194	FD. 1 1/2" I.P. ELEV. = 1043.22 F.B. 3101-194 ON WLY. I.P. OF TWO THAT ARE 19.91 APART ON TRANSIT LINE

F.B. 3101 PG. 240

Job No. 2215.15 Division No. Notes Red Plotted Profile

Survey of HUME RESERVOIR SITE #2 Date Date No. X-Sec.

Survey by J.T. Notes C.Y. Notes Chkd. Checked No.

Indexed C. J. GALLI Date 6-21-67 Date Date

Profile No. | Notes Red | Plotted | Job No. 5292.16 | Division No. L 3101 241
Date | Date | Survey of HUME RESERVOIR
X-Sec. No. | Notes Chk'd. | Checked | Survey by R.C. DALE | Notes RCD | Date 6-13-73
Date | Date | Map No. | Indexed | Date

HUME RESERVIOR
8" OVERFLOW LINE

JN 5292.16

JUNE 13, 1973

PARTY
RCDALE
J.D. MAHER
~~W.J. DIETZ~~
D.J. DARVIS

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

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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT		
BM-2				1050 14			BM-2 ELEV=1050.137 FD STD BRASS CAP MON SW COR HUME RESERVOIR SITE PER FB 3101-236,240	
0+02				1044.87	1042.0	2.9	SPK & T	5' RT
0+10 BK				1045 01	1041.6	3.4	"	"
0+10 AH				1045 02	1041.6	3.4	"	"
0+21.5 BK				1043 46	1041.0	2.5	1x2 & T	5' RT
0+21.5 AH				1043 21	1041.0	2.2	"	"
0+27				1045 45	1040.8	4.7	SPK & T	5' LT.
0+39 BK				1042 47	1040.4	2.1	1x2 & T	5' RT
0+39 AH				1042.41	1040.4	2.0	"	"
0+67.5 BK				1040 35	1039.1	1.3	"	"
0+67.5 AH				1040.43	1039.1	1.3	"	"
0+78 BK				1040 58	1038.6	2.0	"	"
0+78 AH				1040.60	1038.6	2.0	"	"
1+00				1040.69	1038.1	2.6	"	"
1+27.5				1040.07	1037.4	2.7	"	"
1+51.5				1037 62	1035.2	2.4	"	"
1+72				1034 10	1030.3	3.8	"	"
2+00				1027 39	1023.6	3.8	"	"
2+50				1015 75	1011.6	4.2	"	"
2+62				1013.17	1008.7	4.5	"	"

LEVELED BY USED

F. B. 3101 PG. 242 Job No. 5292.16 Division No. Notes Red Plotted Profile
Survey of HUME RESERVOIR Date Date No.
Survey by R.C. DALE Notes R.C.D. Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

16-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
3+00				1007.12	1002.9	4.2	1x2 ET 5' RT
3+50				999.69	995.2	4.5	" " " "
3+75.5				991.91	991.8	5.6	" " " "
3+99.5 BY				992.67	988.4	4.3	1x2 ET 5' RT
3+99.5 AH				993.04	988.4	4.6	1x2 ET 5' LT
4+03.5				992.34	987.9	4.4	" " " "
4+50				985.27	982.3	3.0	" " " "
5+00				980.41	976.2	4.2	
5+50				974.66	970.2	4.5	
5+87.0				970.31	966.0	4.3	
5+98.5				969.16	964.7	4.5	
FD TBM 8-A				975.58			TBM 8-A ELEV=975.56 BTSPK IN P.P. 1143241E. S. SIDE A SURELEE DR. 50± EAST OF INT. CASTLEWOOD DR PER FB 3101-193

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5292K Division No. L 3101 243

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of HUME RESERVIOR Survey by RC DALE Notes RCD Date 6-13-73 Map No. ____ Indexed ____ Date ____