Notes Ck'd by	Survey of	F.B. 3105 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
		W. W. DIST. #29 TUNA CANYON N. (Z11C 0303.00
5-6	Index	
7-20	Cont.	Transit line survey for Hearst Water Line Easement South of Tuna Cn. Rd.
21-24	Prof.	On the above transit line.
25-33	Elev.	Trigometric levels over transit line
35-38	Loc. Imp	Loc. of Imprv.
39-52	C.L.	Retracement of the C.L. of Tuna Cn. Rd. from P.I. #40 to P.I. #26 per C.S.B. 8834
53-59	Loc. Imp.	On the above C.S.B. 8834
61-64	B.M.	Bench levels along Tuna Cn. Rd. from Big Rock Fire Truck Trail P.I. #27 to P.I. #40 per C.S.B. 8834 2115.14
65-70	Prof.	On center of pavement along Tuna Cn. Rd. from P.I. #39 to P.I. #26
71-86	Cont.	Transit line control for the Loc. of Hearst Reservoir Access R. 0303.00
87-91	Loc. Imp	Of Hearst Reservoir Access Rd. 5294.01

3105

LOS ANG
03 Los Ang

76P3093 CK #310 5-66

F.B. 3105 Pg. 2

FERNWOOD PEAK Z11A 2215.14 C303.00

101-107	C.L.	C.L. control for Vision Dr. & Parkway Trail.
109-114	Loc. & Imp	Along Vision Dr.
115-120	Prof.	Along C.L. of Vision Dr. & Parkway Trail
121-127	C.L.	C.L. along Bowers Dr. from Webb Dr. N'ly.
129-132	Loc. Imp	On the above.
133-136	Prof.	Along center of pave. of Bowers Dr. N'ly from Webb Trail.
147-173	C.L.	C.L. retracement of Grand View.
181-190	Loc. Imp	Along Grand View Dr. from S'ly Ln. of Tr. No. 5664 to Topanga Cn. Blvd.
191-198	Prof.	On the above.
207-214	C.L.	C.L. retracement of Webb Trail from Grand View Dr. to Link Trail
221-224	Loc. Imp.	On Webb Trail from Grand View to Link Trail.
225-227	Prof.	On the above.

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Map No.		JN Tape Std °F	
Office Work		Surveyed by	
Checked		Notes Date	
Date		Indexed	

Page	Job	Description
		FERNWOOD PEAK Z11A 2215.14 0303.00
235-238	Align.	Re-Alignment of Hearst Water Ln. Easement from S'ly Ln. of Sec. 24 T1S.,R17W. to Int. with Tuna Cn. Rd.
239-240	Loc. Imp.	On the above.
241-243	Prof.	On the above.

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76P308 CE #310 8-68

III C

Notes Ck'd by C. RUBENACKER	Survey of TUNA CYN. NORTH	F. B. 3105	PG. 5
Map No.	JN 0303.00 Tape 161 Std 94 °F		
Office Work	Surveyed by C.K. LIND		
Checked	Notes LIND Date 12-1962		
Date	Indexed R. J. GALLI 4 33		

III C

TUNA CANYON NORTH

J.N. 0303.00

TRANSIT LINE SURVEY

FOR

HEARST WATER LINE EASEMENT

DEC. 1962

LIND

MALDONADO

RODRIGUEZ R.S.

RODRIGUEZ R.P.

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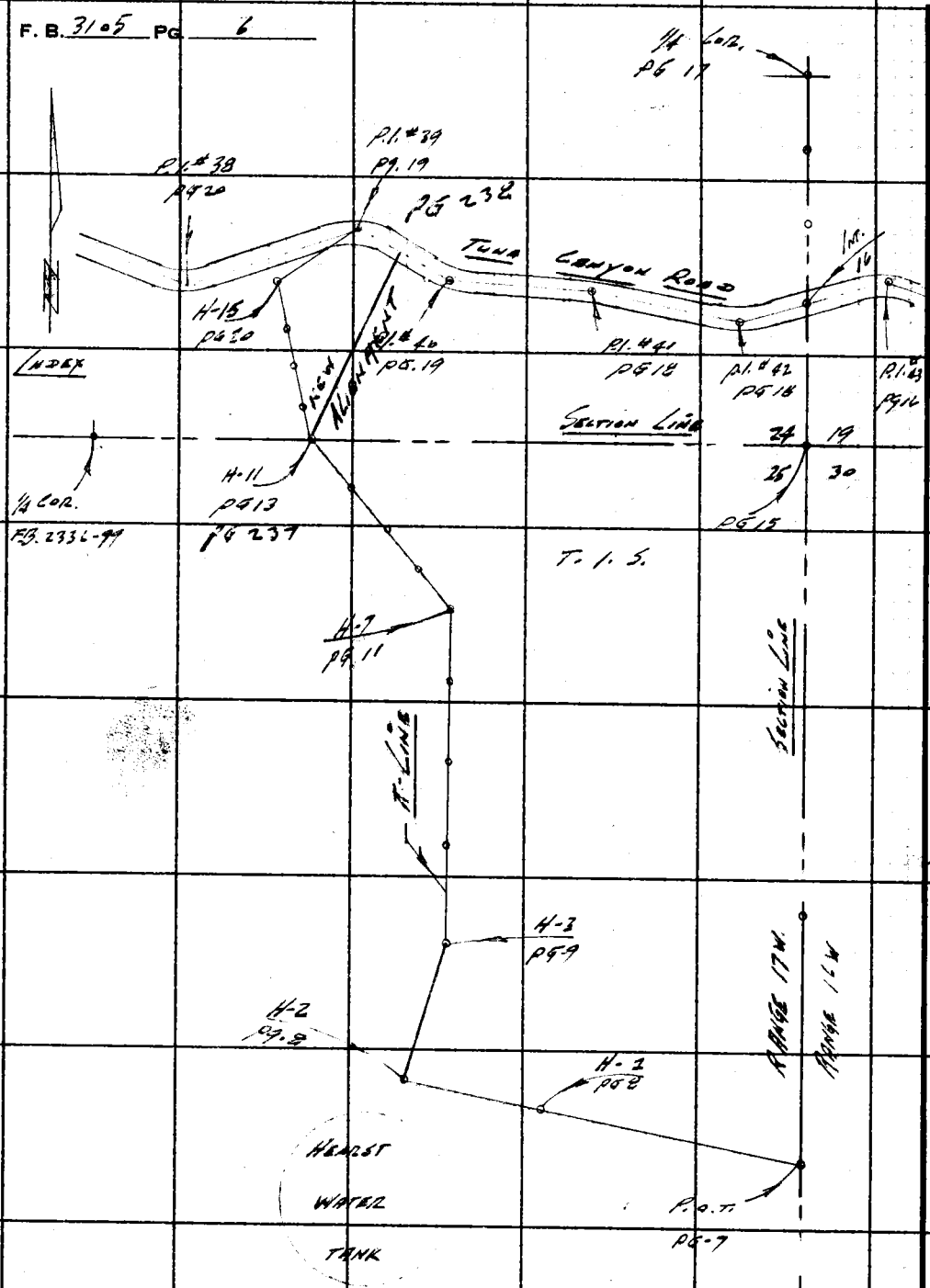
76F3095 CE # 310 3-61

F. B. 3105 PG. 6



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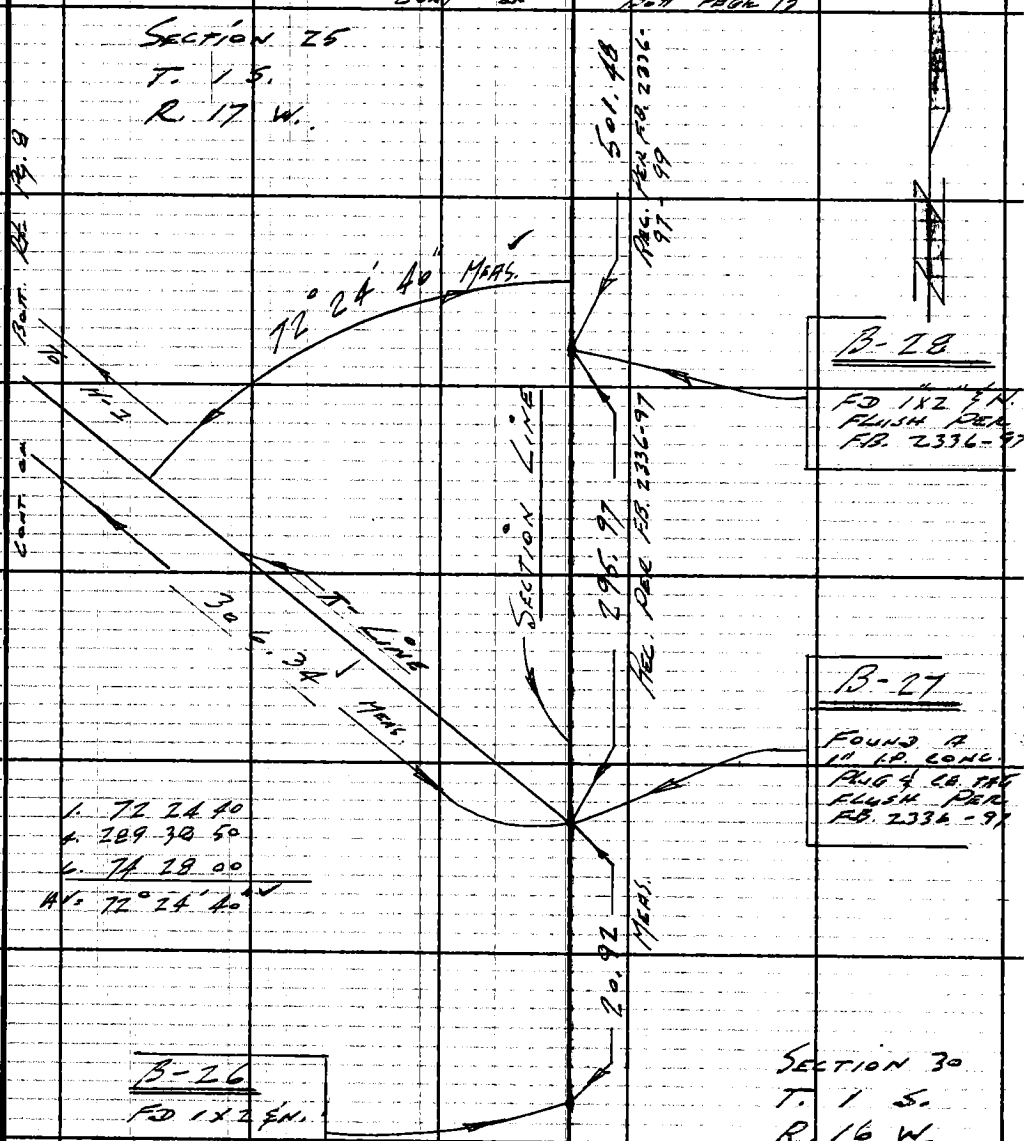
2 II C

Notes Ck'd by C. RUBENACKER	Survey of TUNA CANYON W.	F. B. 3105 PG. 7
Map. No.	JN 0303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by L.K. LIND	
Checked	Notes LIND Date 12-6-62	
Date	Indexed C. J. GALLI	

CONT ON BOTT PAGE 15

SECTION 25
T. 1 S.
R. 17 W.



1. 72 24 40
4. 289 38 50
6. 74 28 00
AV = 72° 24' 40"

B-26
FD 1X2 & N.
FLUSH PER
F.B. 2336-97

SECTION 30
T. 1 S.
R. 16 W.

T=78
165.77 @ 15° 30' = 159.73
150.82 @ 13° 33' = 146.61
306.34

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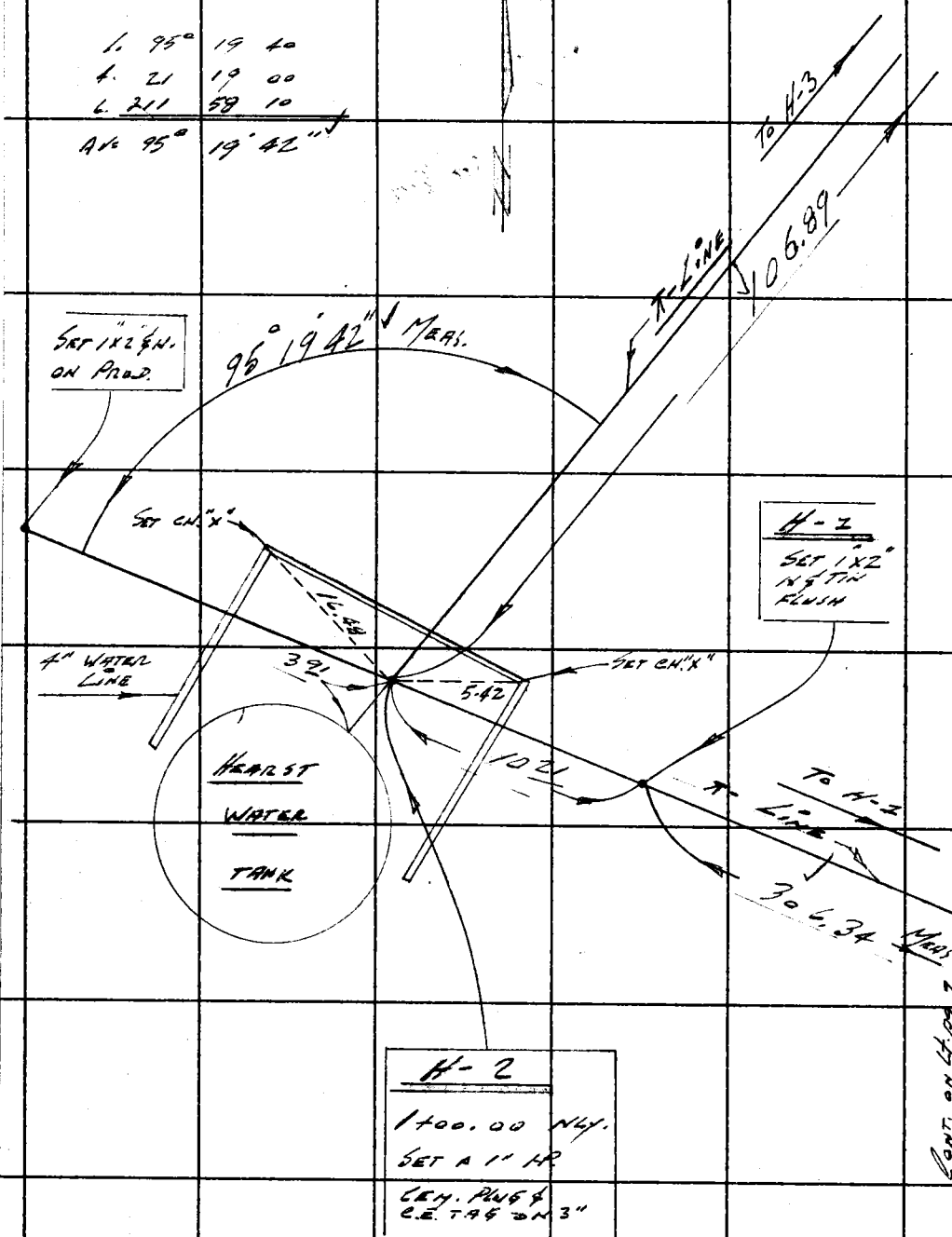
76F309S CE # 310 3-61

F. B. 3105 Pg. 8

Cont. on Bott pg. 9

1.	95°	19 40
4.	21	19 00
6.	211	58 10
Av.	95°	19' 42"



Cont. on Lt. pg. 7

W.S. 89 C-4

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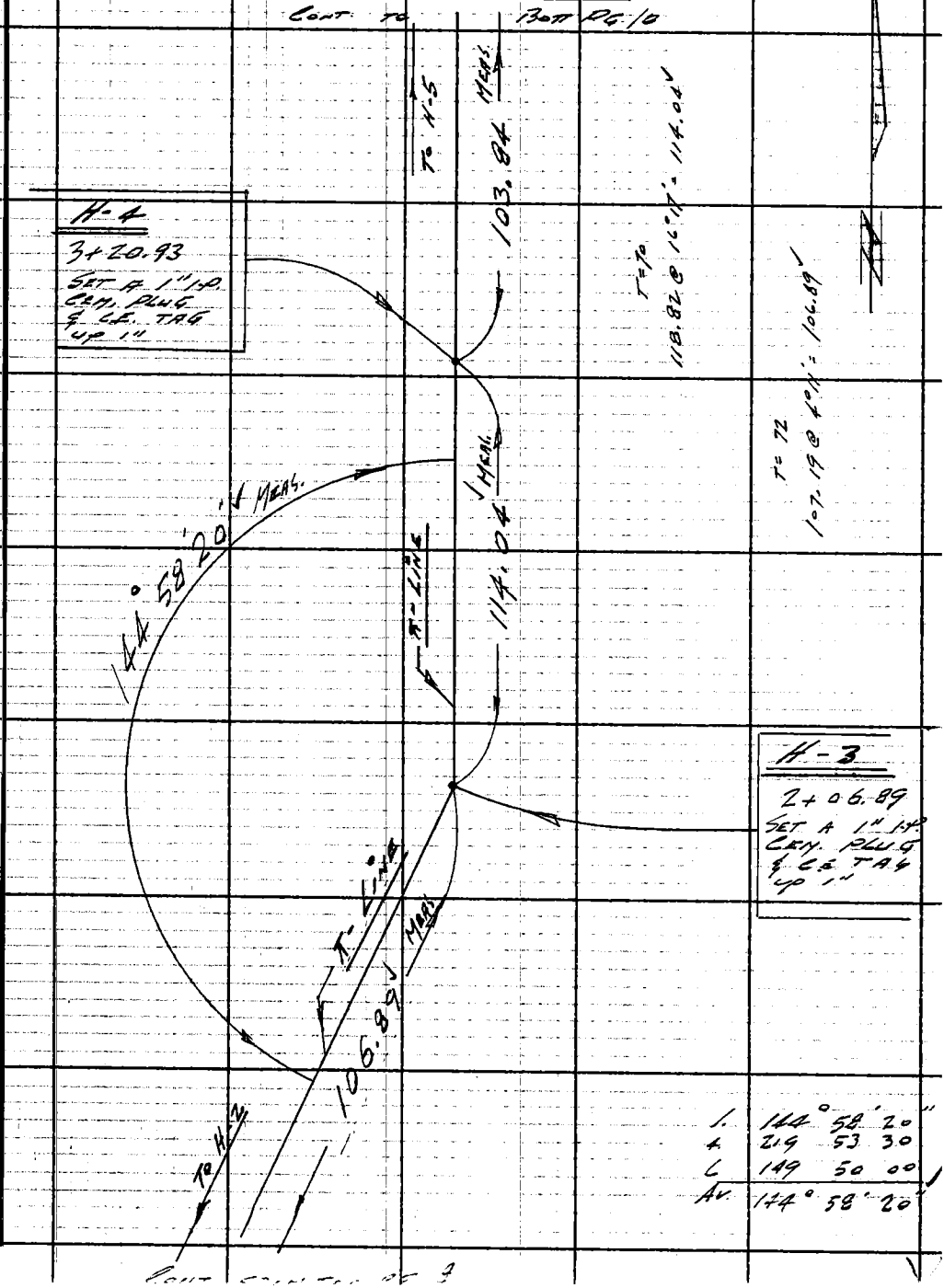
Notes Ck'd by C. RUDENACKER	Survey of TUNA CANYON NORTH	F. B. 3105 PG. 9
Map No.	JN 0303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by C. K. LIND	
Checked	Notes LIND Date 12-6-62	
Date	Indexed E. J. GALLI	

CONT. TO BOTT PG. 10



1.	144°	58'	20"
4.	219	53	30
6	149	50	00
Av.	144°	58'	20"

CONT. [illegible] PG. 3

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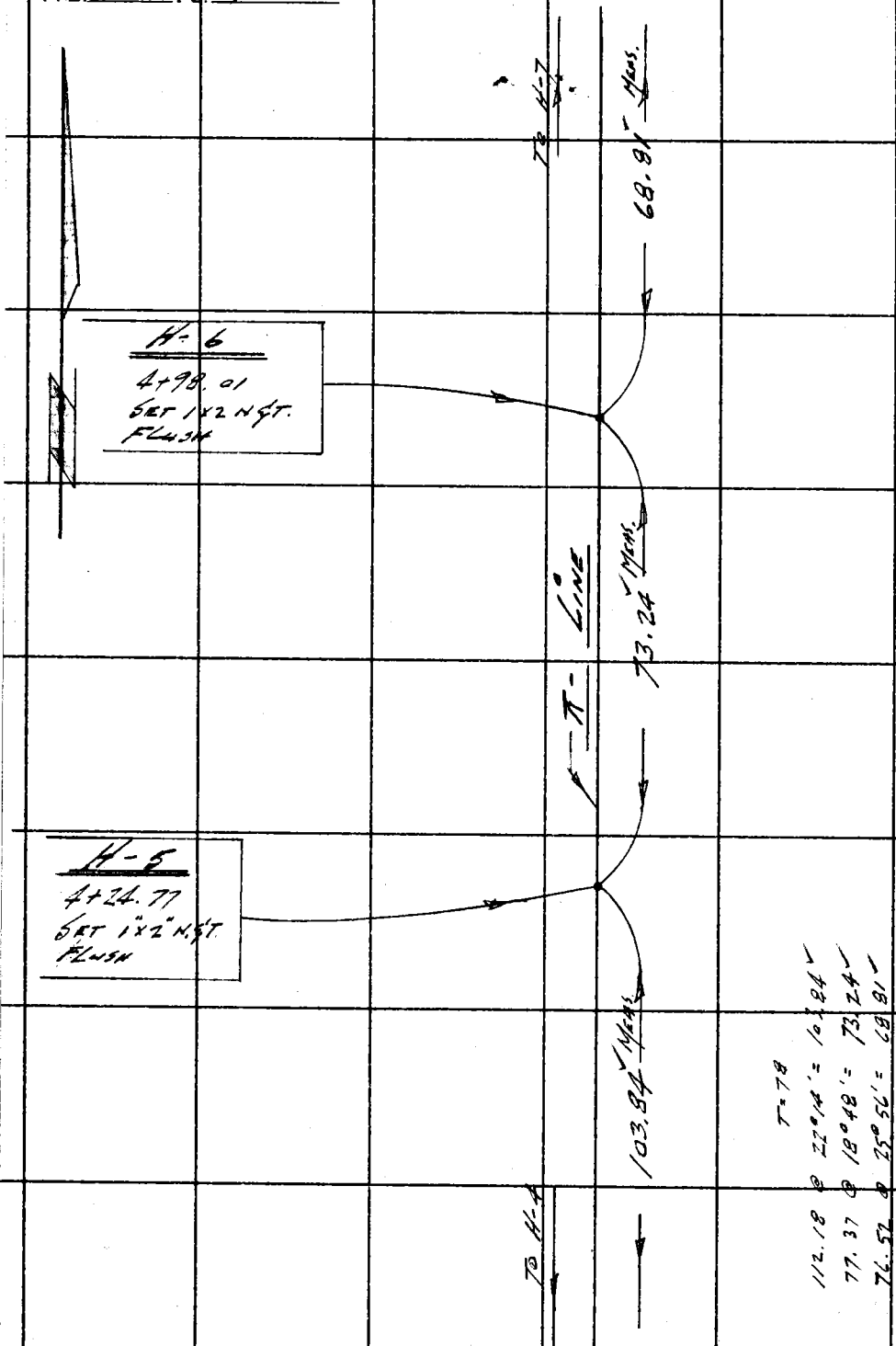
76F309S CE # 310 3-61

F. B. 3105 PG. 10

CONT. ON BOTT PG 10



T=78
112.18 @ 22°14' = 103.84
77.37 @ 18°48' = 73.24
76.52 @ 25°56' = 68.81

CONT. FROM TOP PAGE 9

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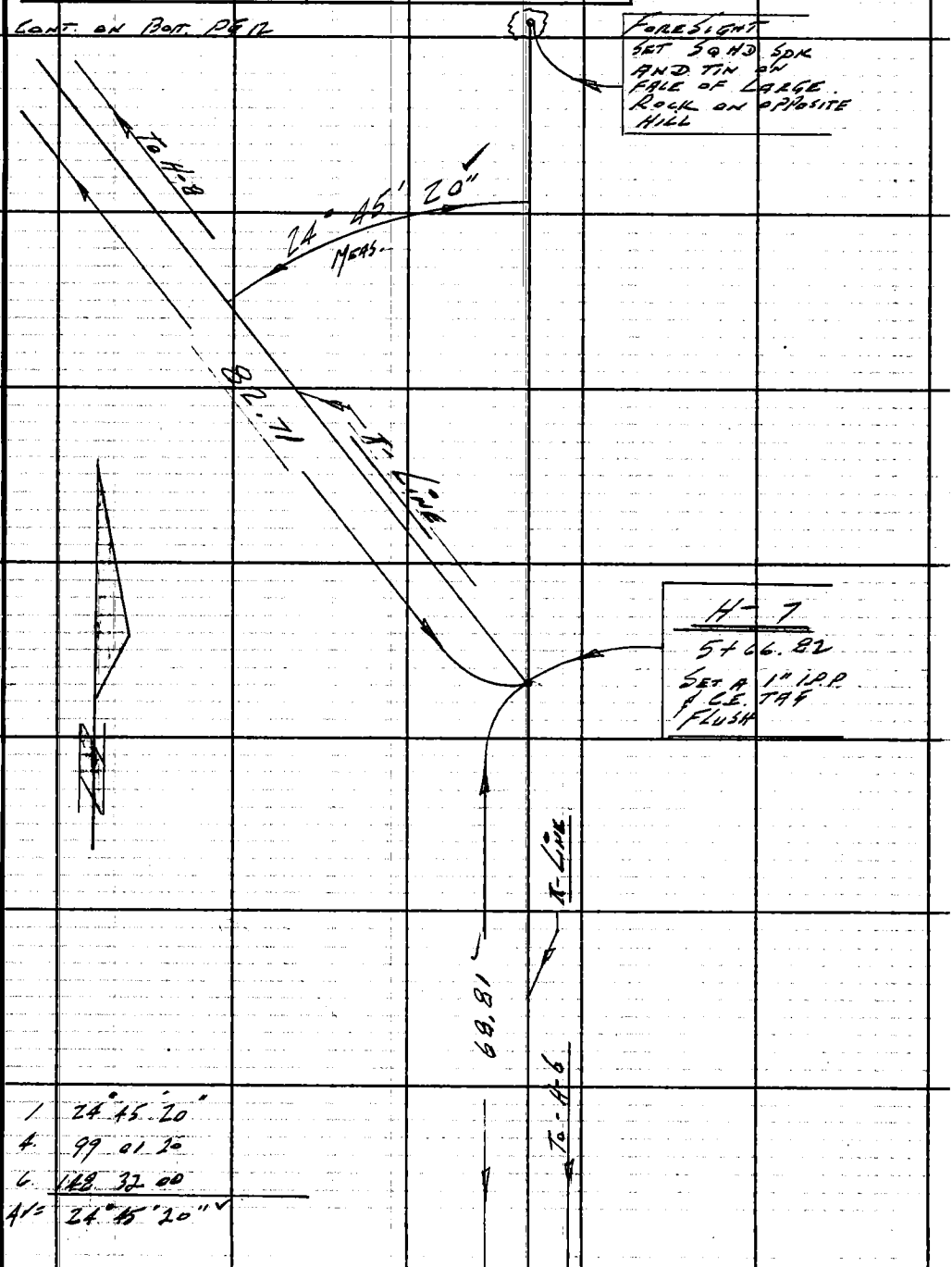
Map No.
Office Work
Checked
Date

Survey of TUNA GYN. NORTH
JN 0303.00 Tape 161 Std 84 °F
Surveyed by C.K. LIND
Notes LIND Date 12-6-62
Indexed G. J. GALLI

F. B. 3105 PG. 11

CONT. ON BOT. PG 12



1	24° 45' 20"
4	99 01 20
6	148 32 00
AV=	24° 45' 20"

CONT ON TOP PG 10

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7 6F3095 CE # 310 3-61

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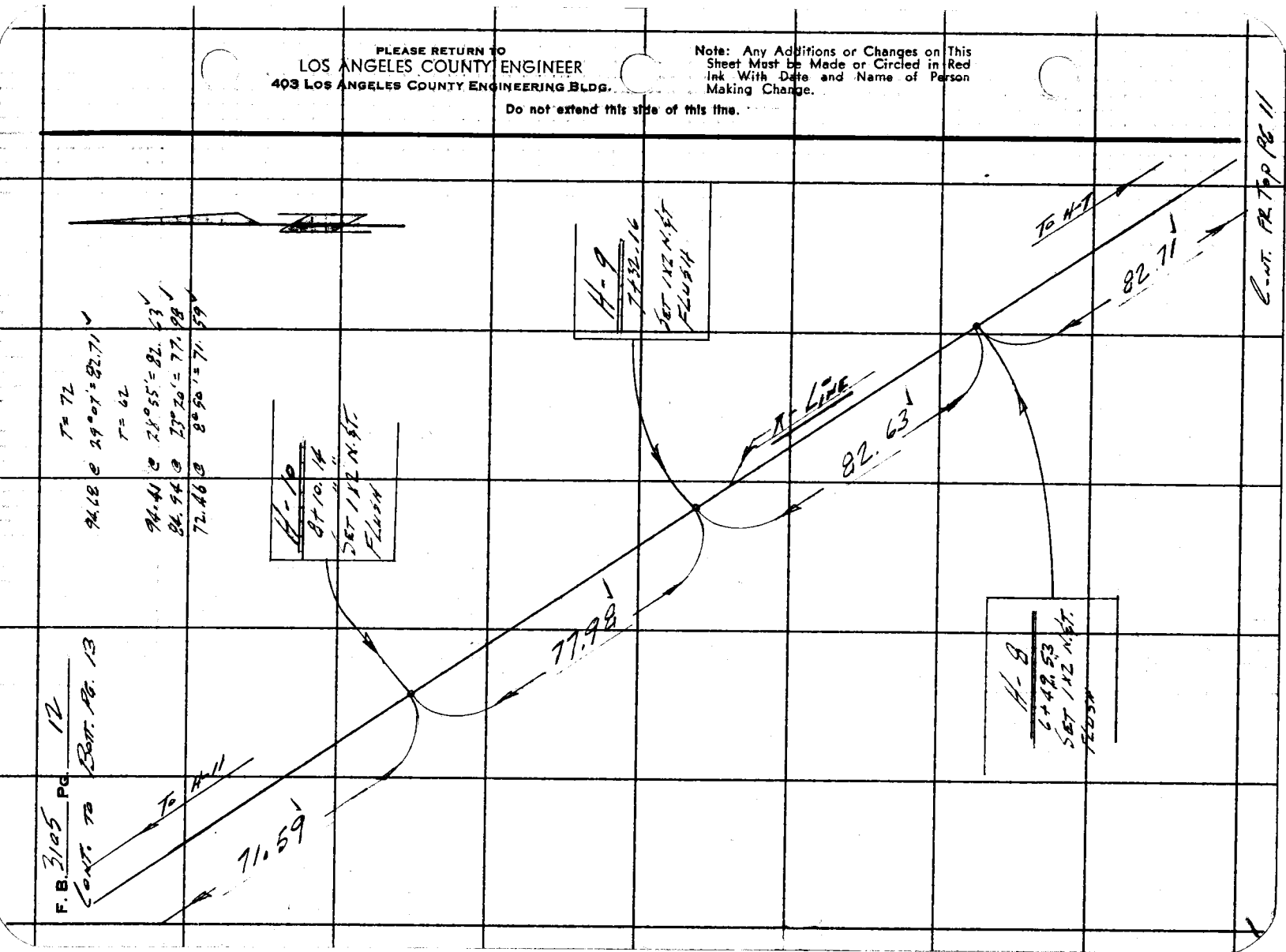


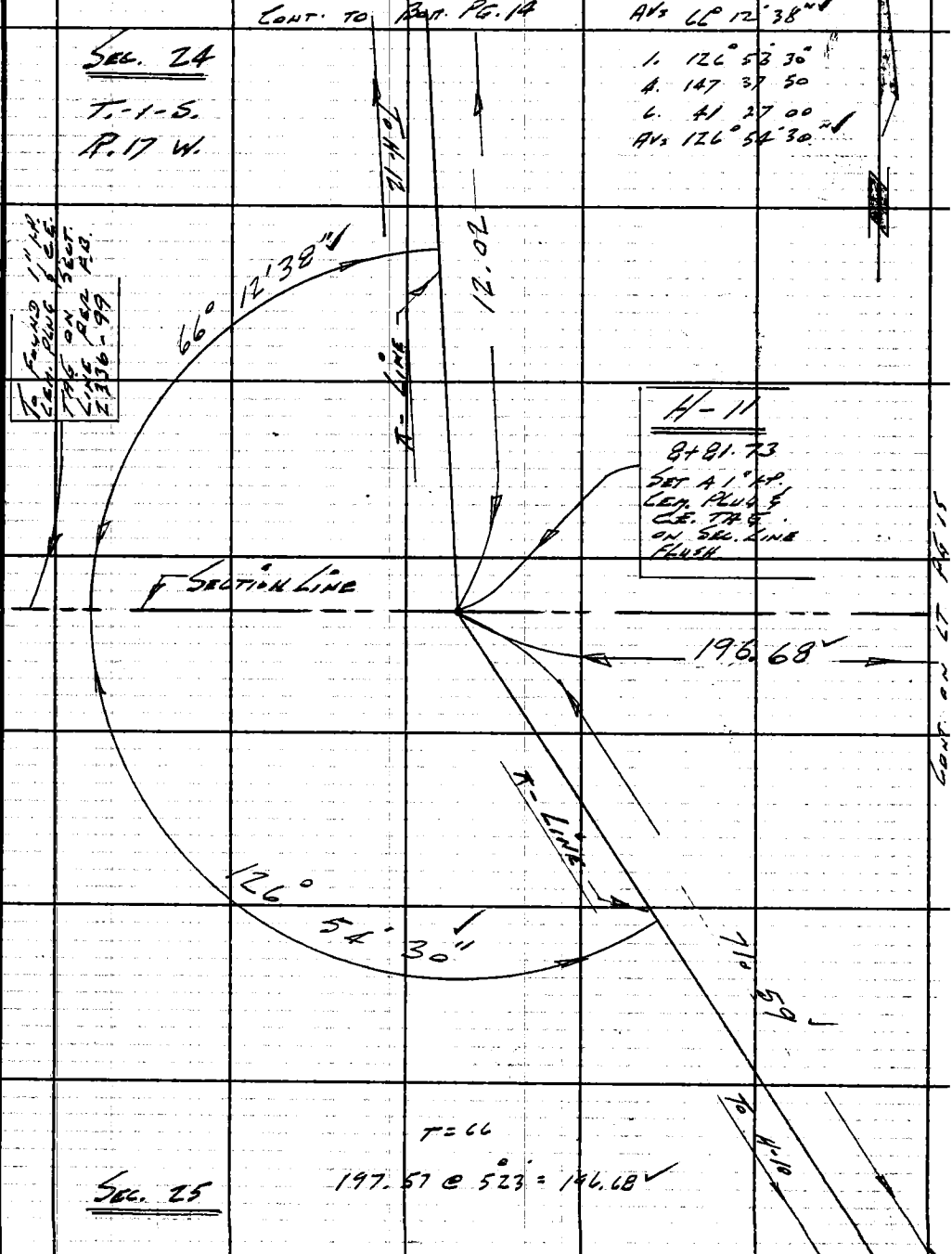
I-IIC

Notes Ck'd by C. RUBENACKER	Survey of TUNA CYN. NORTH	F. B. 3105 PG. 13
Map No.	JN 0303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 12-14-62	
Date	Indexed E. J. GALLI	

CONT. TO BOT. PG. 14

1. 66° 12' 30"
4. 264 50 20
L. 37 15 50
AVs 66° 12' 38"

1. 126° 53' 30"
4. 147 37 50
L. 41 27 00
AVs 126° 54' 30"



CONT. ON LT PG 15

CONT. FROM TOP PG 12

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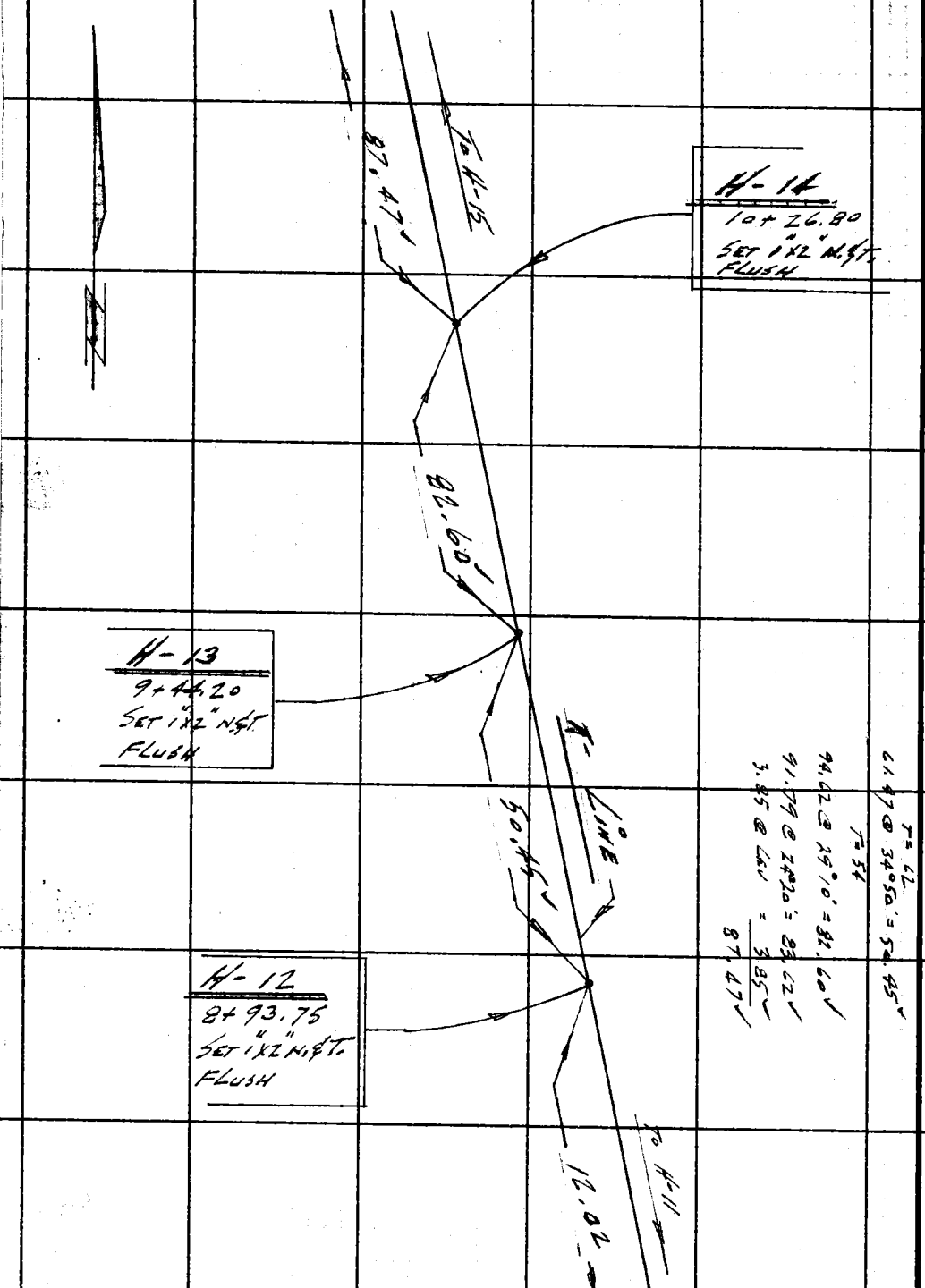
W.S. 89 C-4

76F3095 CE # 310 3-61

F. B. 3105 PG. 14

CONT. TO RT. PG 20



T = 62
61.47 @ 34°50' = 50.45'
T = 54
94.62 @ 29°10' = 82.60'
91.79 @ 24°20' = 83.62'
3.85 @ Lev = 3.85'
87.47'

CONT TO TOP PG. 13

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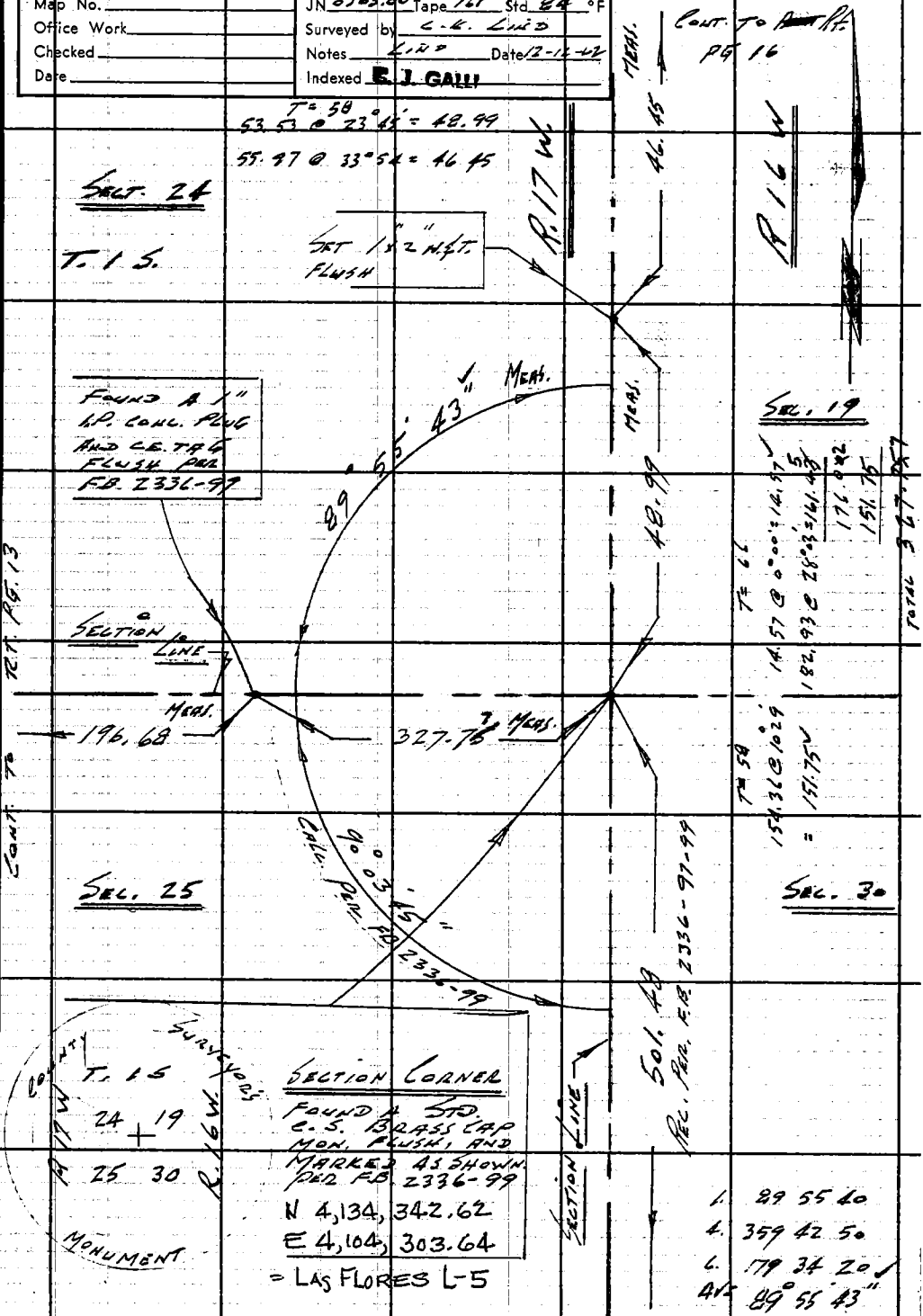
Notes Ck'd by C. RUBENACKER	Survey of TUNA CYN NORTH	F. B. 3105 PG. 15
Map No.	JN 0703.00 Tape 161 Std. 84 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 12-12-42	
Date	Indexed E. J. GALLI	

CONT. TO ~~[illegible]~~ PG 16



CONT. ON TOP PG 7

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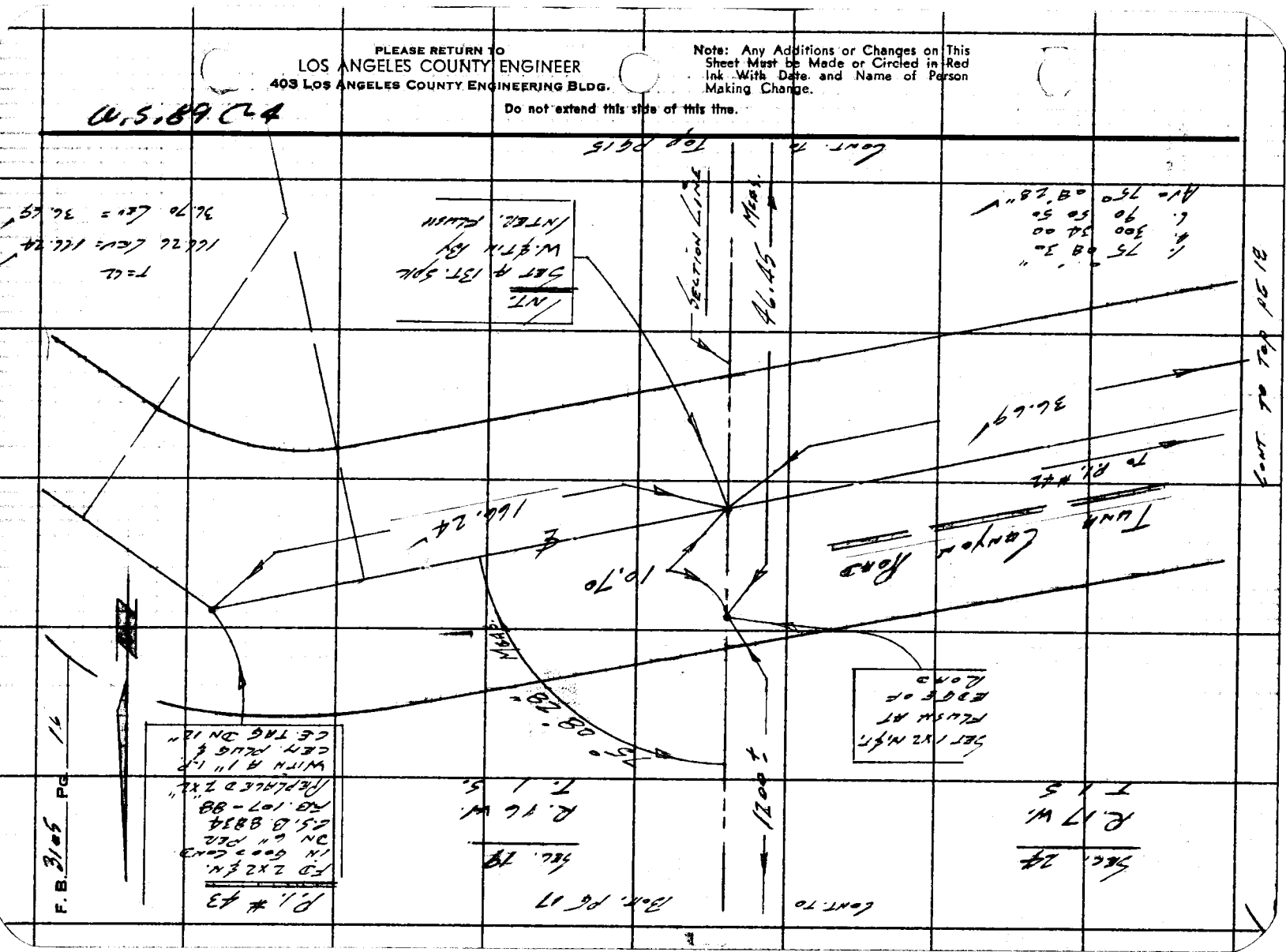
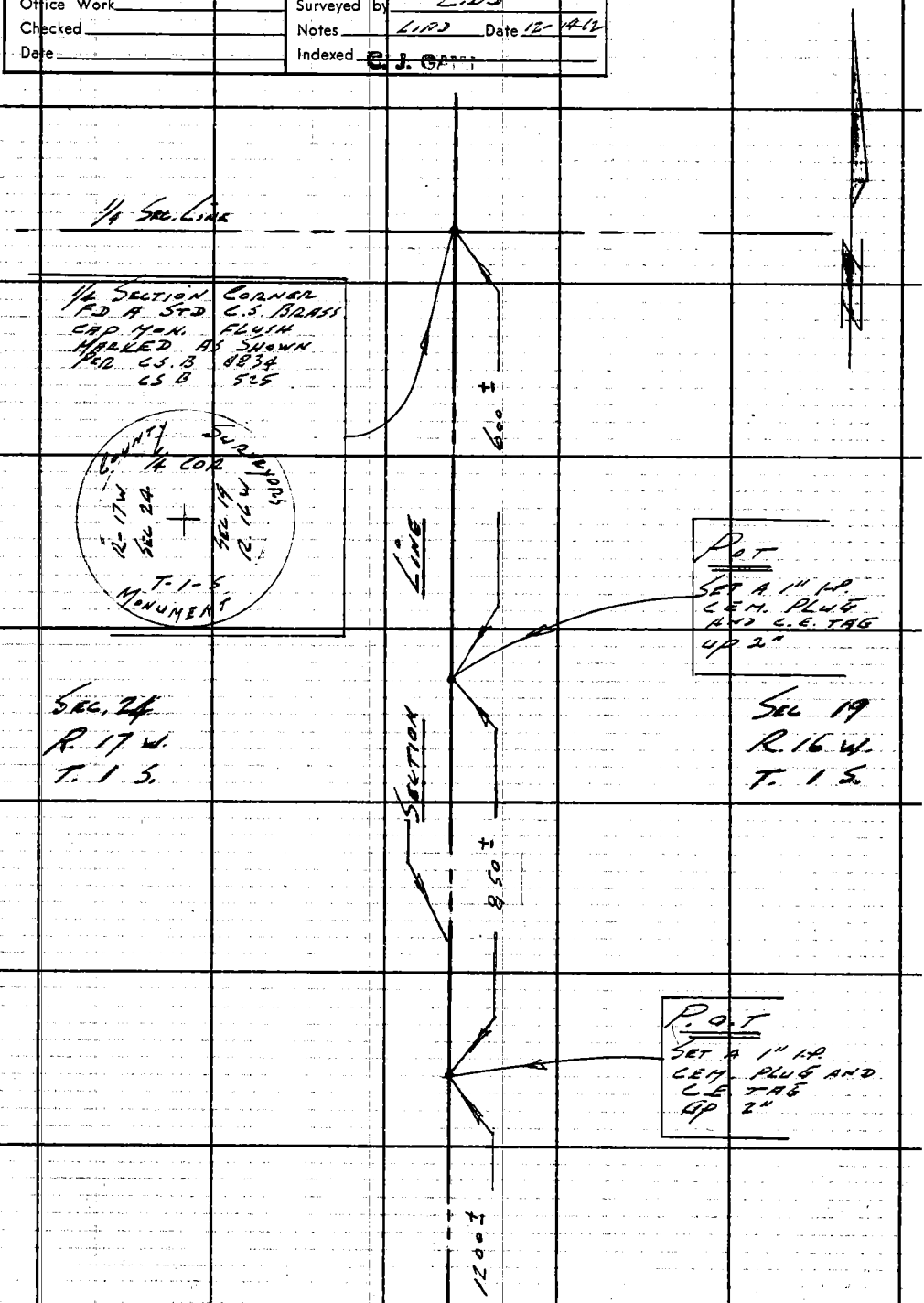


ZEC

Notes Ck'd by C. RUBENACKER	Survey of TUNA CYN. WORK
Map No.	JN 0303.00 Tape 161 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 12-14-62
Date	Indexed C. J. GAMI

F. B. 3105 PG. 17



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W.S. 89 C-4

CONT FROM LT PG 16

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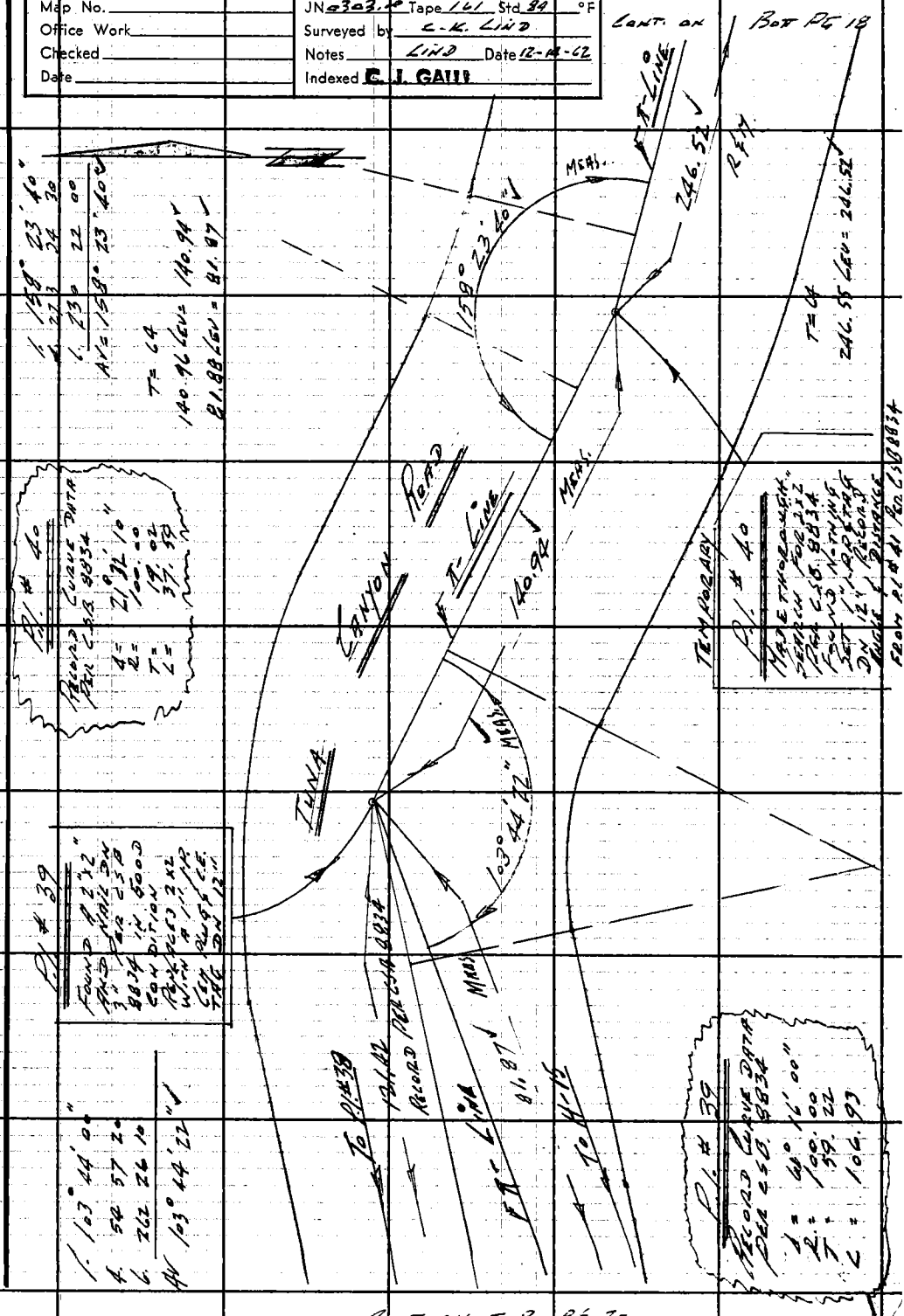
2 II C

Notes Ck'd by C. RUBENACKER	Survey of TUNA CYN. NORTH
Map No.	JN 0303.10 Tape 161 Std 84 °F
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 12-14-62
Date	Indexed C. J. GALLI

F. B. 3105 PG. 19

CONT. ON BOTT PG 18



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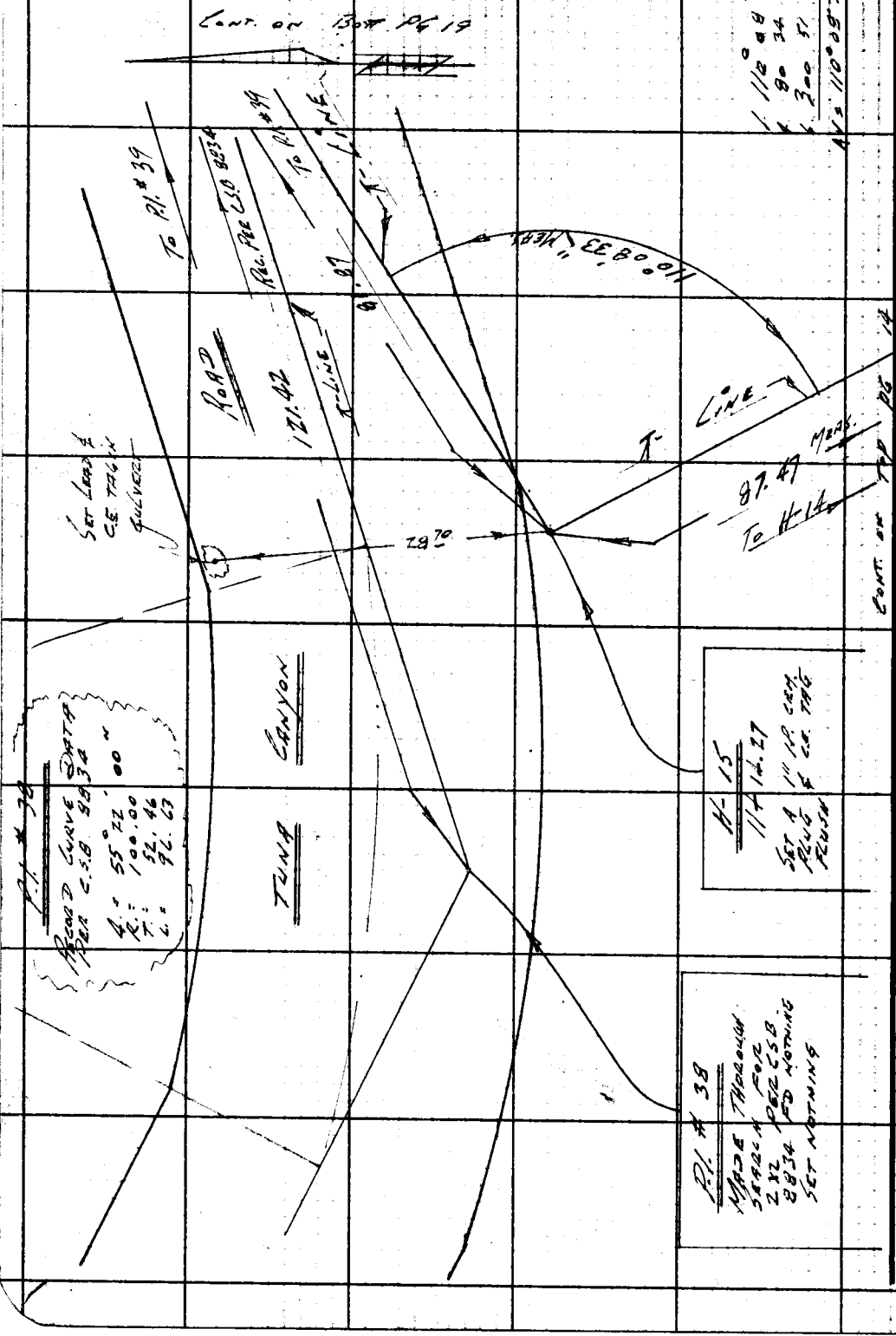
76F309S CE # 310 3-61

F. B. 3105 PG. 20

Cont. on Bott. Pg 19



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Profile No. | Notes Red | Plotted | Job No. 2215.14 | Division No. 11 | F.B. 3105 Pg. 21
Date | Date | Survey of Z-IIC TUNA CYN. NORTH
X-Sec. No. | Notes Chkd. | Checked | Survey by LIND | Notes LIND | Date 11-19-62
Date | Date | Map No. | Indexed E. J. GALLI | Date

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STATION	B.S.	H.I.	F.S.	ELEV.
			12-19-62	
		LIND MALDONADO RODRIGUEZ R.P.		
	ALVAREZ			

Z II C TUNA CYN NORTH

W.N. 2215.14

PROFILE OF Z-LINE

FOR

HEARST WATER LINE EASEMENT

76-L.288 CE 307 3-61

X

76-L298 CE 307 3-61

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F.B. 3105 Pg. 22 Profile
Survey of Z+C Tunnel Gun Range No. X-Sec.
Survey by Lund Notes Lund Checked No.
Indexed R. J. GALLI Date Notes Chkd. Date Plotted Date Notes Red Date Division No. 11 Job No. 2215.14 Date

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE OF Ⓐ	Ⓐ LINE
TBM HEARST	4.96	1806.90		1800.94	T.B.M. HEARST EL= 1800.94	
0+79.3			5.96	1799.12	TOP OF 4" WATER OUTLET PIPE	19.2 LT.
0+79.4			5.79	1800.11	BOT. OF TANK (WEST SIDE)	18.2 LT
1+00.00 N			5.09	1800.81	STA +-2 1" IRR PT 49. FEL 45.	
1+24.5			7.3	1800.1	BALL	Ⓐ - LINE
1+47.0			5.4	1800.5	"	Ⓐ - LINE
1+62.0			5.6	1800.3	"	Ⓐ - LINE
T.P.	0.62	1795.11	11.41	1794.49	1"X1"	
2+02.29			1.21	1799.90	H-3 1" IRR PT 49	UP 0.30
T.P.	0.97	1794.67	11.41	1793.70	1"X1"	
2+47.5			10.6	1794.1		Ⓐ - LINE
T.P.	0.30	1773.50	11.47	1773.20	1"X1"	
T.P.	0.49	1762.43	11.55	1761.94	1X1	
3+20.93			2.11	1760.32	H-4 1" IRR PT 49	UP 0.15
T.P.	0.55	1751.21	1.77	1749.44	1X1	
3+77 T.P.	0.24	1740.34	11.11	1729.10	1X1 FLUSH	Ⓐ LINE
T.P.	0.44	1729.71	11.07	1729.27	1X1	
4+24.77	0.56	1719.47	10.30	1718.91	H-5 1X2 NET. FLUSH	
T.P.	0.50	1703.29	11.69	1702.79	1X1	
4+61.0			5.5	1702.8		Ⓐ - LINE
T.P.	2.38	1699.33	11.33	1696.95	1X1	

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF X-LINE	
		1699 33				
4+98.01			7 31	1692 02	H-6 1"x2" N&T.	FLUSH
T.P.	0 53	1689 00	10 86	1688 47	1x1	
T.P.	0 28	1677 71	11 57	1677 43	1x1	
T.P.	5 13	1671 41	11 43	1666 28	1x1	
5+66.82	2 56	1663 24	10 73	1660 68	H-7 1" IPP&CE T&S FLUSH PER PG.	
T.P.	3 22	1655 42	11 04	1652 20	1x1	
T.P.	0 95	1644 92	11 45	1643 97	1x1	
T.P.	0 86	1634 22	11 56	1633 36	1x1	
T.P.	2 74	1625 58	11 39	1622 84	1x1	
6+49 53	1 03	1617 71	8 90	1616 68	H-8 1x2 N&T IN FLUSH PER PG	
T.P.	0 76	1607 01	11 46	1606 25	1x1	
T.P.	0 41	1596 20	11 22	1595 79	1x1	
T.P.	0 69	1585 19	11 70	1584 50	1x1	
T.P.	5 78	1580 26	10 71	1574 48	1x1	
7+32.16			8 10	1572 16	H-9 1"x2" N&T	Flush PER PG
T.P.	0 21	1569 18	11 29	1568 97	1x1	
T.P.	0 62	1558 18	11 62	1557 56	1x1	
T.P.	1 59	1548 02	11 75	1546 43	1x1	
8+10.14	0 58	1538 96	9 64	1538 38	H-10 1x2 N&T FLUSH PER PG.	
T.P.	0 26	1528 53	10 69	1528 27	Block	

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F.B. 3105 PG. 23
No. ____ Date ____ Date ____ Survey of ZEC TUNA CVN N.
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 12-18-62
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLS Date ____

76-L298 CE 307 3-61

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F.B. 3105 Pg. 24 Job No. 05505 Division No. 11 Notes Req. Plotted Profile
Survey of ZEC TRA CAR 12 Date Date No.
Survey by C.J. GALL Notes Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF Π-LINE
		1528 53			
8+81 73			2 54	1525 99	H-11 1" IRON & C.E. TBS FLUSH PAC PG
9+93 35			7 36	1521 17	H-12 1X2 NAIL FLUSH PAC PG
T.P.	2 42	1519 23	4 72	1516 51	1X1
9+04 5			± 1	1515 1	BAC Π-LINE
T.P.	1 61	1509 49	11 35	1507 88	1X1 STAKE
T.P	1 23	1499.30	11 42	1498 07	1X1 STAKE
T.P			11 71	1487.59	1X1 STAKE
9+44.20	5 06	1492.65	8 14	1484.51	H-13 1X2 NAIL FLUSH PAC PG
9+49.20	2 09	1482 80	11 94	1480 71	1X1 FLUSH Π-LINE BAC
T.P	1 89	1472 90	11 79	1471.01	1X1 STAKE
T.P.	9 46	1461 52	11 84	1461 06	1X2 STAKE
T.P.	0 09	1451 1	10 45	1451 07	1X2 STAKE
10+26 80	0 14	1440 02	11 28	1439 88	H-14 1X2 NAIL FLUSH PAC PG
T.P.	9 41	1430 88	9 55	1430 47	1X2 STAKE
T.P.	9 46	1421 23	9 46	1421 42	1X2 STAKE
T.P.	4 1	1415 63	10 40	1411 47	1X2 STAKE
10+93 0			6 0	1409 6	BAC Π-LINE
T.P.	0 53	1405 32	10 99	1404 64	1X2 STAKE
11+02 -			4 3	1401 0	BAC Π-LINE
11+14 27			5 19	1400 13	H-15 1" IRON & C.E. FLUSH

Notes Ck'd by	Survey of ZOC TUNA GYN. N.	F. B. 3105	Pg. 25
Map No.	JN 2215.14 Tape Std °F		
Office Work	Surveyed by LIND		
Checked	Notes LIND Date		
Date	Indexed G. J. GALLI JAN 4 '63		

ZOC TUNA GYN NORTH

J.N. 2215.14

TRIGOMETRIC LEVELS

OVER

TRANSIT LINE

FOR

HEARST WATER LINE EASEMENT

12-20-62

LIND

MALDONADO

RODRIGUEZ R.C.

ALVAREZ

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

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76F3095 CE # 310 3-61

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F. B. 3105 PG. 22

76F309S CE #247—3-57

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TRANSIT AT STATION H-2 F.B. PG H.I.+ 5.30

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
H-3	5.30	-3°54'	106.89	-7.29			
		By Hearst	+5.05				
		H-2	-5.19				
			-0.14				

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

Survey of ZOC Turf Cyn N
JN 22.15.14 Tape Std °F
Surveyed by Lind
Notes Date 12-30-62
Indexed B. J. GALLI

F.B. 3105 PG 27

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TRANSIT AT STATION H-3 F.B. _____ PG _____ H.I. + 4.72

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
H-2	4.72	+3°56'30"	106.89	+ 7.37			
H-4	4.72	-16°16'30"	114.04				

F.B. 305 Pg. 28

76F309S CE #247—3-57

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TRANSIT AT STATION H-4 F.B. _____ PG _____ H.I.+ 4.78

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
H-3	4.78	+ 16° 17'					
H-5	4.78	- 21° 44' 30"					
H-6	4.78	- 21° 06' 30"					

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

Survey of 2 AC Tara Lyn N.
JN 2215.14 Tape _____ Std _____ oF
Surveyed by Lind
Notes _____ Date 12-20-62
Indexed G. J. GALLI

F.B. 3105 PG. 29

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TRANSIT AT STATION H-6 F.B. _____ PG _____ H.I.+ 4.81

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
H-4	4.81	+ 21° 06'					
H-7	4.81	- 24° 29' 30"					

F.B. 318 PG. 30

76F309S CE #247—3-57

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TRANSIT AT STATION H-7 F.B. PG H.I.+ 4.58

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.
H-6	4.58	+24°30'					
H-8	4.58	-28°02'					
H-9	4.58	-28° 10'					
H-10	4.58	-26°47'30"					
H-11	4.58	-23°14'					

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

Survey of ZRC Tuna Gyn H.
JN 2215.16 Tape Std. °F
Surveyed by Lind
Notes Lind Date 12-20-62
Indexed E. J. GALH

F.B. 3105 PG. 31

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TRANSIT AT STATION H-11 F.B. _____ PG _____ H.I. + 4.67

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
H-7	4.67	+23°14'30"					
H-12	9.49	LEVEL					
H-13	8.00	-31°28'30"					
H-14	4.67	-30°44'					
H-15	4.67	-28°27'30"					

F.B. 3105 Pg. 32

76F309S CE #247—3-57

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TRANSIT AT STATION H-15 F.B. _____ PG _____ H.I.+ 5.08

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+Difference - Elevation	Adjusted Diff. Elev.
H-11	5.08	+28°27'					

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

Survey of DOC Tuna Cyr. N.
JN 2215.14 Tape _____ Std _____ °F
Surveyed by Lind
Notes Lind Date 12-20-62
Indexed E. J. GALLI

F.B. 3165 PG. 73

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

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

F.B. 305 Pg. 34

Notes Ck'd by		Survey of ZBC TUNA CYN. NORTH	F. B. 3105 PG. 35
Map No.		JN 2215.14 Tape Std °F	
Office Work		Surveyed by LIND	
Checked		Notes LIND Date 12-63	
Date		Indexed B. J. GALLI JAN 4 63	

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ZBC TUNA CYN. NORTH

J.N. 2215.14

LOCATION OF IMPROVEMENTS

ALONG

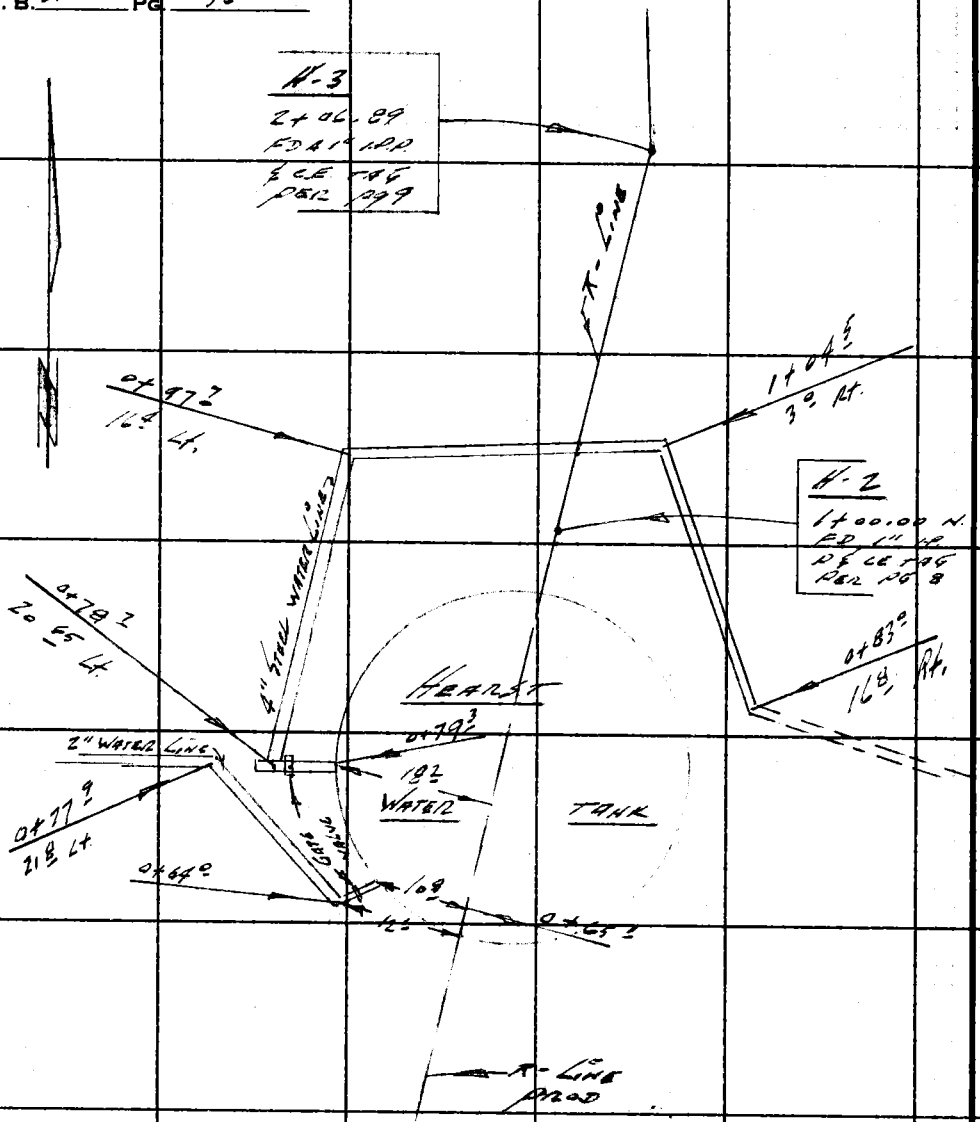
HEARST WATER LINE EASEMENT

1-2-63

LIND
MALDONADO
RODRIGUEZ RD.
RODRIGUEZ RR.

76F309S CE # 310 3-61

F. B. 3105 PG. 36



NOTE:
FOR LOCATION OF WATER TANK SEE F.B. 2978-37

X

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F. B. 3105 Pg. 38

Station	OFF-SET	Description
3+09.93	5.5 Lt.	10" Scrub Oak Tree
3+13.4	8.6 Lt.	10" " " "
4+76.8	19.0 Rt.	5" Scrub Oak Tree
4+79.8	19.0 Rt.	8" " " "
4+45.3	4.0 Lt.	14" " " "
4+61.3	20.0 Lt.	12"-2 Prong Scrub Oak Tree
4+98 H-6	19.5 Lt.	8"-4 Prong " " "
5+42.8	10.0 Lt.	8" Scrub Oak Tree
5+43.8	3.0 Rt.	3" " "
5+62.2	12.0 Lt.	6"-12"-2 Prong Scrub Oak
5+73.8	3.0 Rt.	4"-2 Prong Scrub Oak
5+83.8	17.0 Lt.	5" Scrub Oak
5+86.8	13.0 Lt.	4" Scrub Oak
5+91.8	1.0 Rt.	4" " "
6+06.8	3.0 Rt.	4" " "
6+24.8	5.0 Lt.	6" " "
6+42.8	8.0 Lt.	8" " "
6+45.5	15.0 Lt.	10" " "
7+17.7	2.0 Lt.	5" " "
7+24.7	6.0 Rt.	4" " "
7+27.2	6.0 Rt.	4"-4 Prong Scrub Oak
9+37.2	14.0 Lt.	5"-4 " " "
9+35.2	6.0 Rt.	6" Scrub Oak
9+49.2	2.0 Lt.	5" " "
9+49.2	2.0 Rt.	6" " "
9+54.2	11.0 Lt.	10"-8"-8" Prong Scrub Oak Tree
9+64.2	16.0 Rt.	10"-12" Prong " " "
9+73.2	8.5 Lt.	10" Scrub Oak
10+02.2	3.0 Lt.	10" " "
10+22.8	9.8 Lt.	12" " "
10+45.8	5.0 Rt.	15" " "
10+64.8	8.0 Lt.	17" " "
10+72.8	14.0 Rt.	10" " "
10+78.3	4.0 Lt.	10" " "
10+94.8	5.0 Rt.	17" " "
11+17.8	Ctr. Eas'mt.	So. Edge Pvmt.
11+30.3	" "	Ctr. of Pvmt
11-38.3	" "	No. Edge Pvmt.

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Notes Ck'd by	Survey of ZIIC TUNA CYN NORTH
Map No.	JN 0303.00 Tape 161 Std 64 °F.
Office Work	Surveyed by C.K LIND
Checked	Notes LIND Date 1-3-63
Date	Indexed C. J. GALLI JAN 3 1963

F. B. 3105 PG. 39

ZIIC TUNA CANYON NORTH

J.N. 0303.00
J.H. 2215.14

RETRACEMENT OF THE CENTER LINE OF

TUNA CANYON ROAD

FROM: P.I. # 40

TO: P.I. # 26

PER CSB 8834

JAN 1963
LIND
MALDONADO
RODRIGUEZ R.R.
RODRIGUEZ R.A.

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76F3095 CE # 310 2-61

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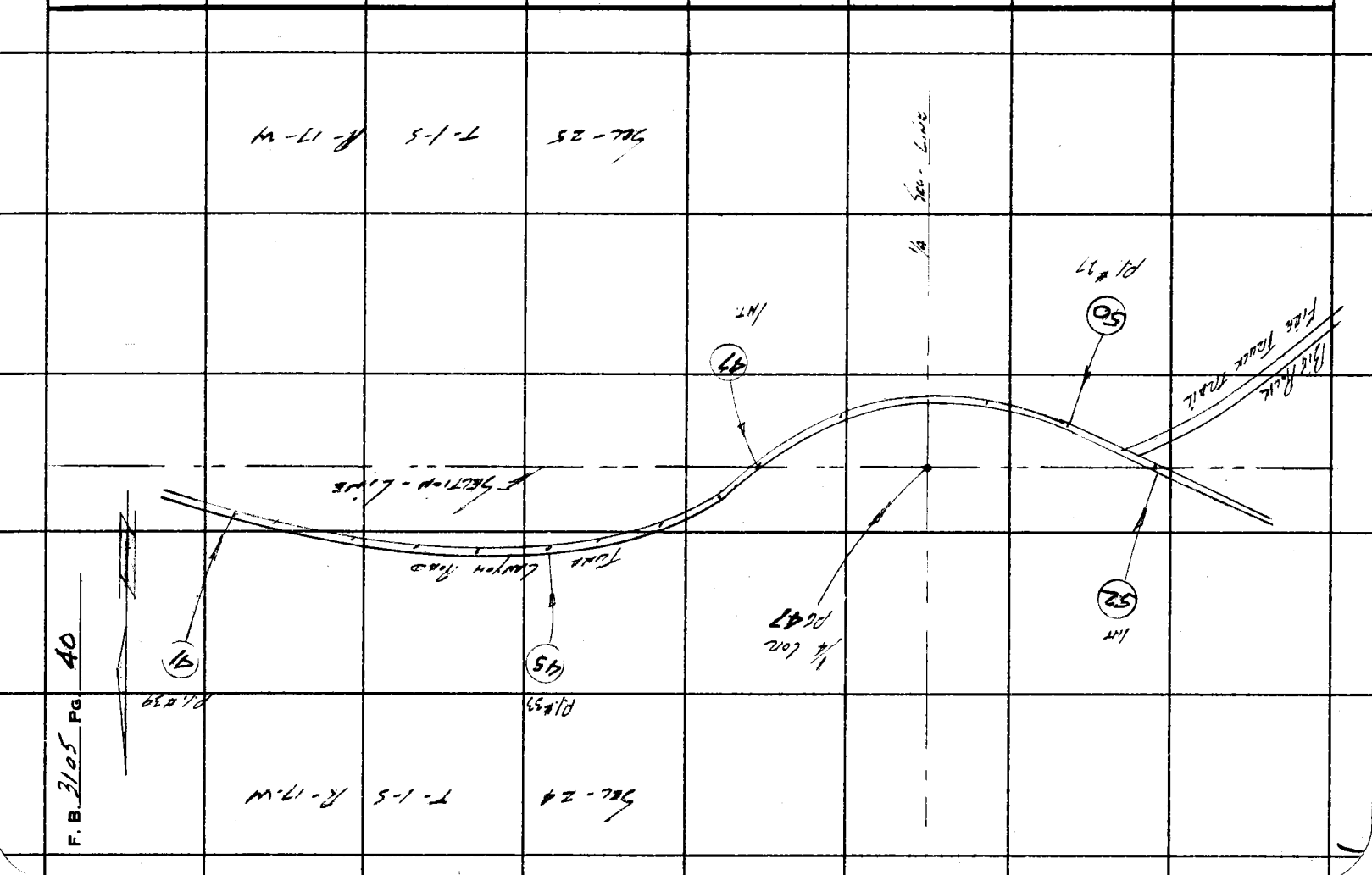
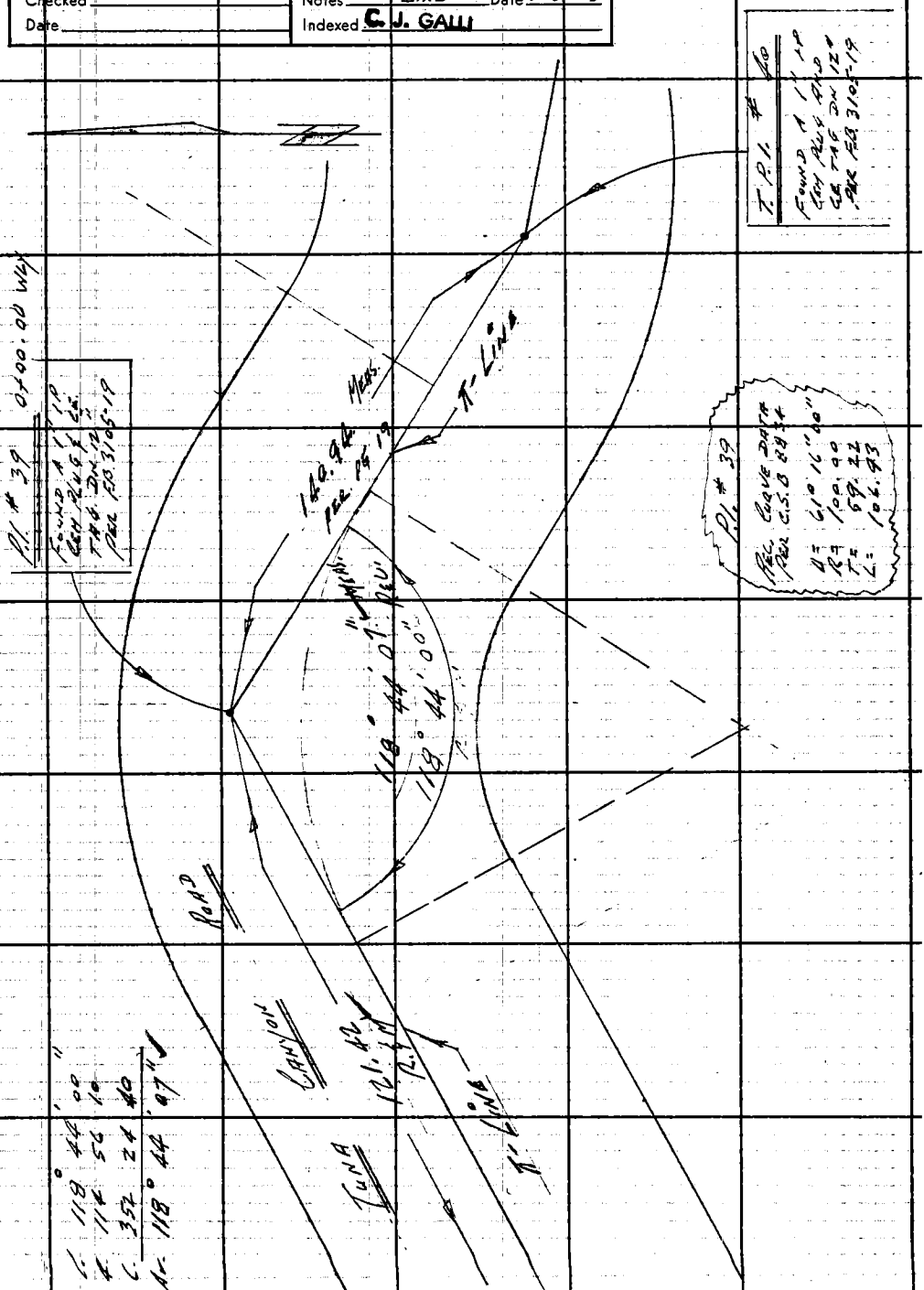


F. B. 3105 PG. 40

Notes Ck'd by C. RUBENACKER	Survey of ZIIC TUNA CYN. N.	F. B. 3105 PG. 41
Map No.	JN 0303.00 Tape 164 Std 84° °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 1-3-63	
Date	Indexed C. J. GALLI	



CONT. TO TOP PG. 42

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76F309S CE # 310 3-61

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W.S. 89 C-4

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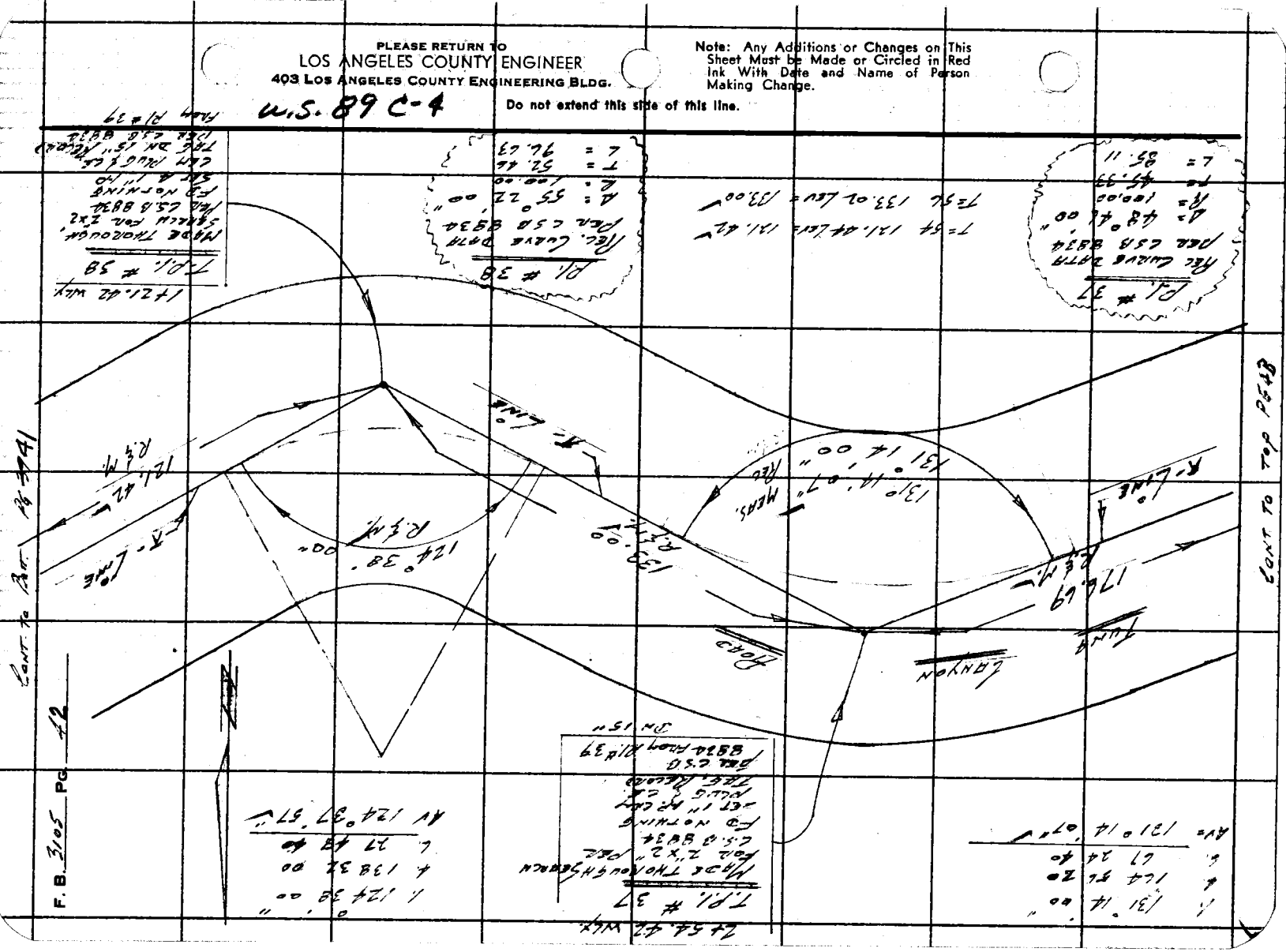
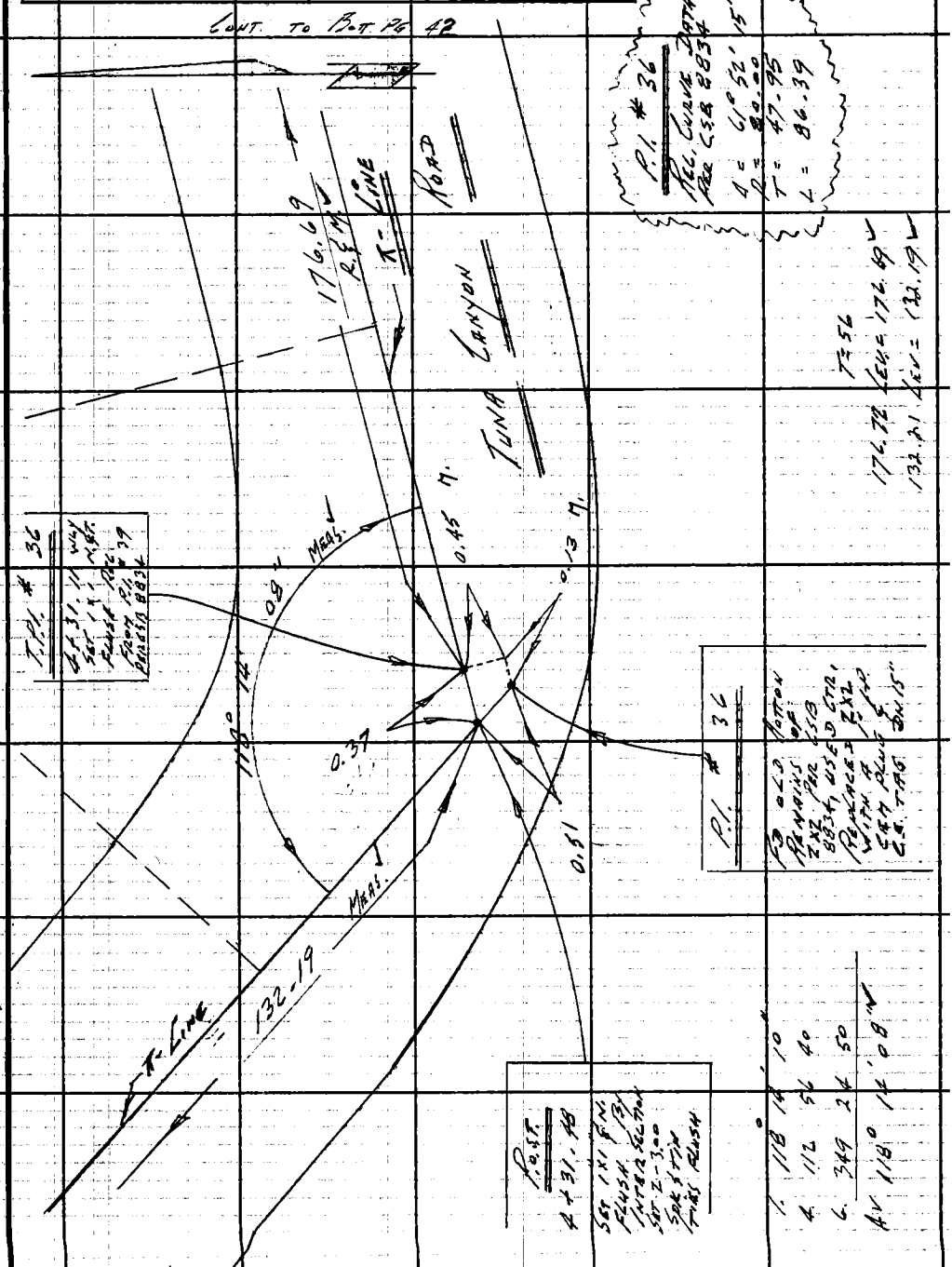


Notes Ck'd by C. RUBENACKER	Survey of ZIIC TUNA CYN. N.	F. B. 3105 PG. 43
Map No.	JN 0303.00 Tape 161 Std 68 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 1-4-63	
Date	Indexed C. J. GALLI	

CONT. TO BOTT. PG 42



CONT TO TOP PG 44

U.S. 89 C-4

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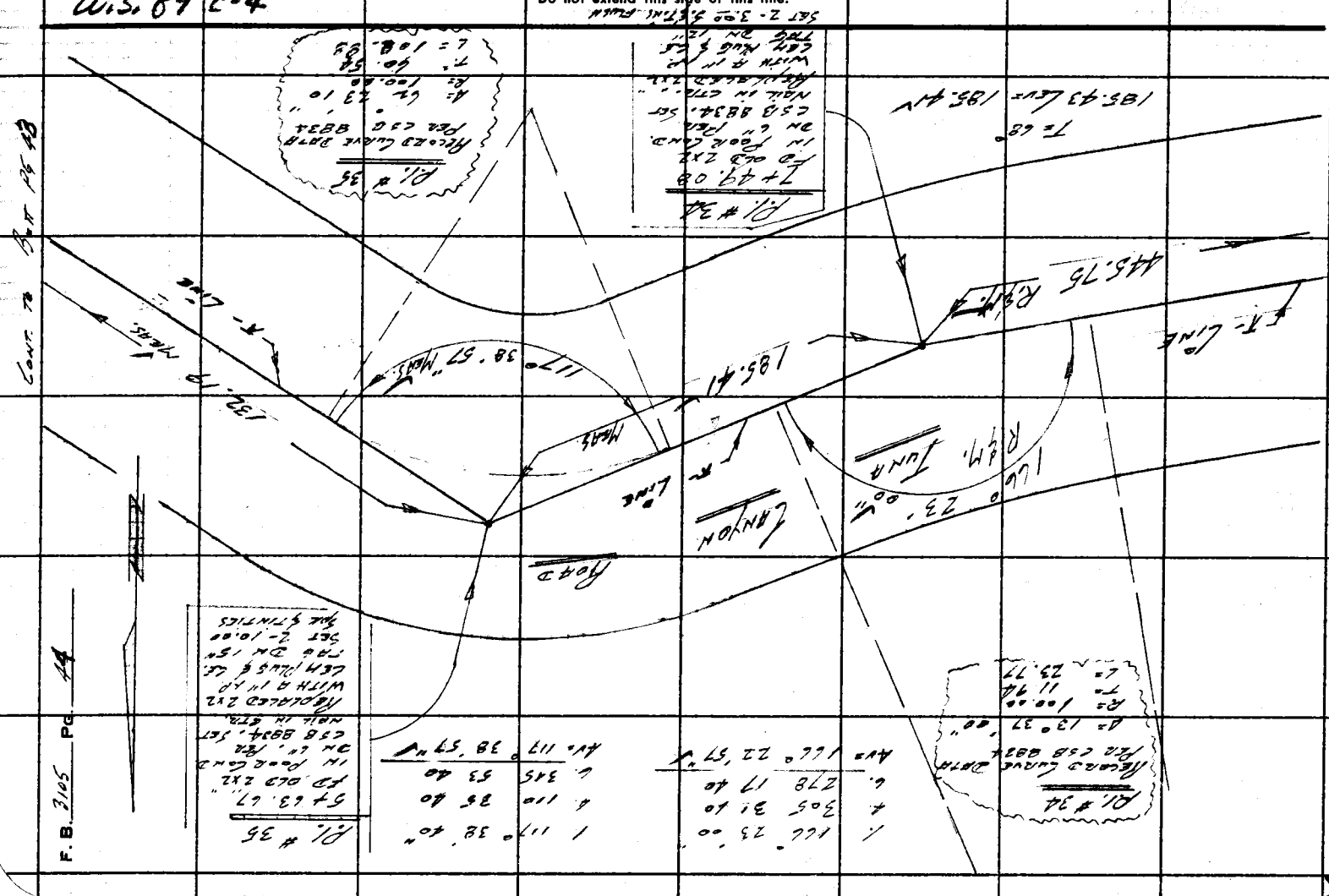
W.S. 89 C-4



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W.S. 89 C-4

1. 130° 46' 00"
4. 163 04 20
6. 64 36 40
AV 130° 46' 07" ✓

P.I. # 32
REL CURVE DATA
PER C.S.B. 8834
Δ = 49° 14' 00"
R = 200.00
T = 91.64
L = 171.86

T.P.I. # 32
13+59.78
MADE THOROUGH SEARCH FOR 2x2 PER C.S.B. 8834
FOUND NOTHING
SET 1" I.P.P. & C.E. FLUSH ON SIDE OF BANK RECORD FROM P.I. # 34 PER C.S.B. 8834

P.I. # 33
REL. CURVE DATA
PER C.S.B. 8834
Δ = 32° 59' 10"
R = 100.00
T = 29.61
L = 57.57

1. 147° 01' 00"
4. 228 03 40
6. 162 05 00
AV 147° 00' 50" ✓

T.P.I. # 33
11+94.83
MADE THOROUGH SEARCH FOR 2"x2" PER C.S.B. 8834
FD NOTHING
SET A 1" I.P. CEM PLUG & C.E.
TAG DN 12"
RECORD FROM P.I. #34 PER CSB 8834
SET 2 - 3.00 SPK & TIN TIES FLUSH

T = 68
445.80 LEV = 445.75 ✓
164.97 LEV = 164.95 ✓
146.03 LEV = 146.01 ✓

CONT. FROM BOTT PG 44

CONT. TO TOP PG. 46

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

Survey of ZIC TUNA CYN. M.
JN 03-3.00 Tape 164 Std 89 °F
Surveyed by C.K. LIND
Notes LIND Date 1-7-63
Indexed C. J. GALLI

F.B. 3105 PG. 45

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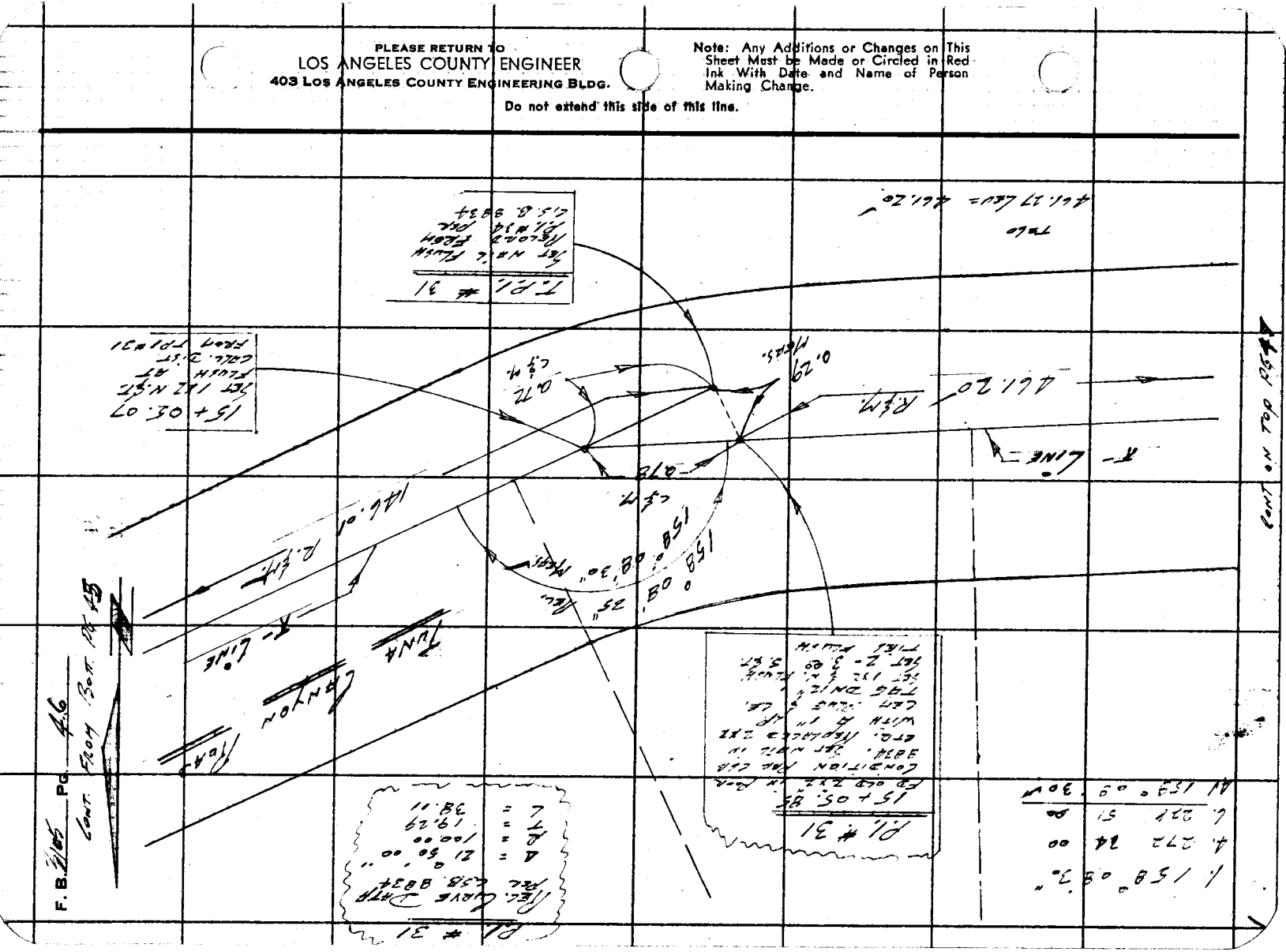

76F309S CE # 310 3-61

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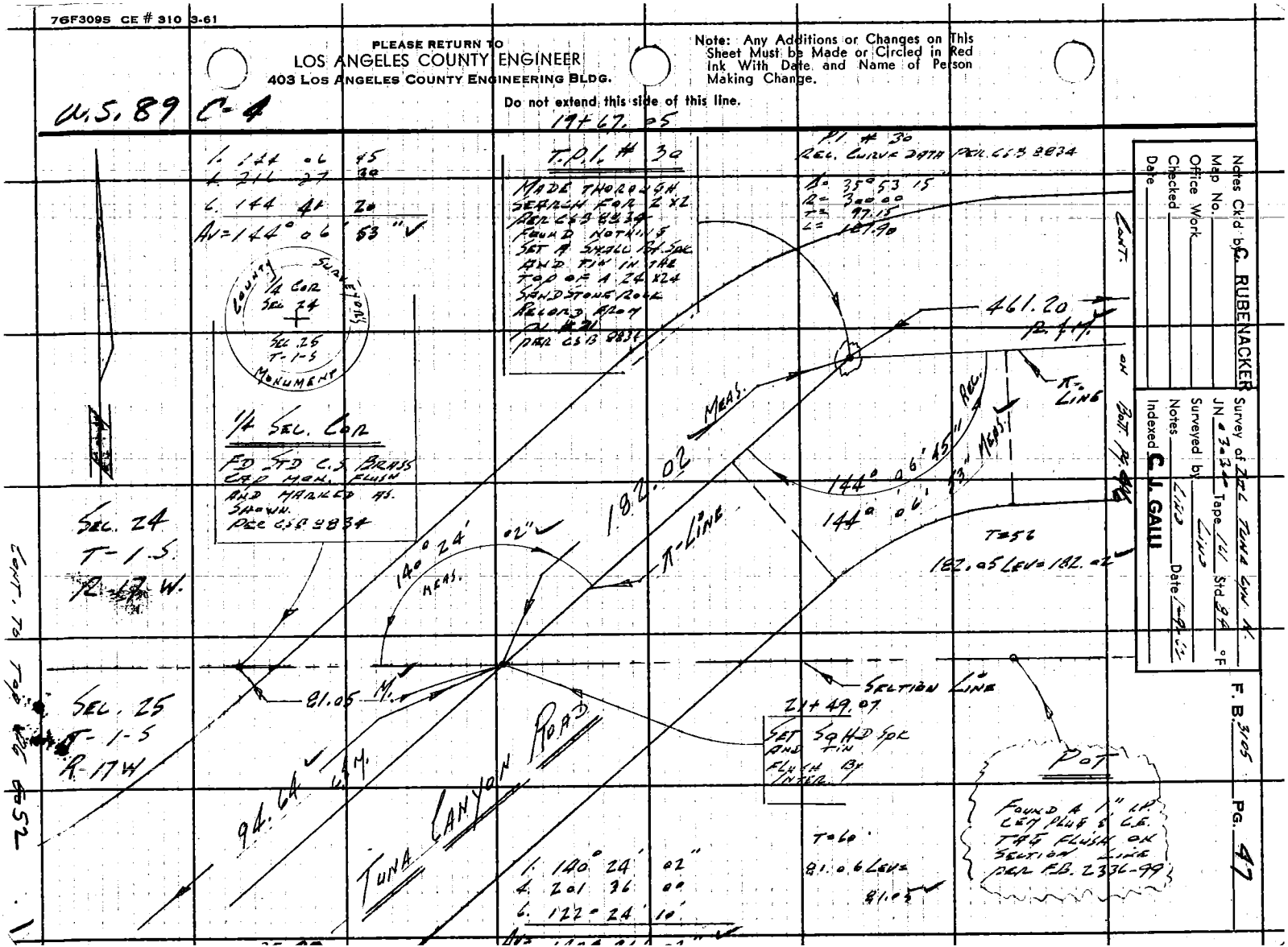


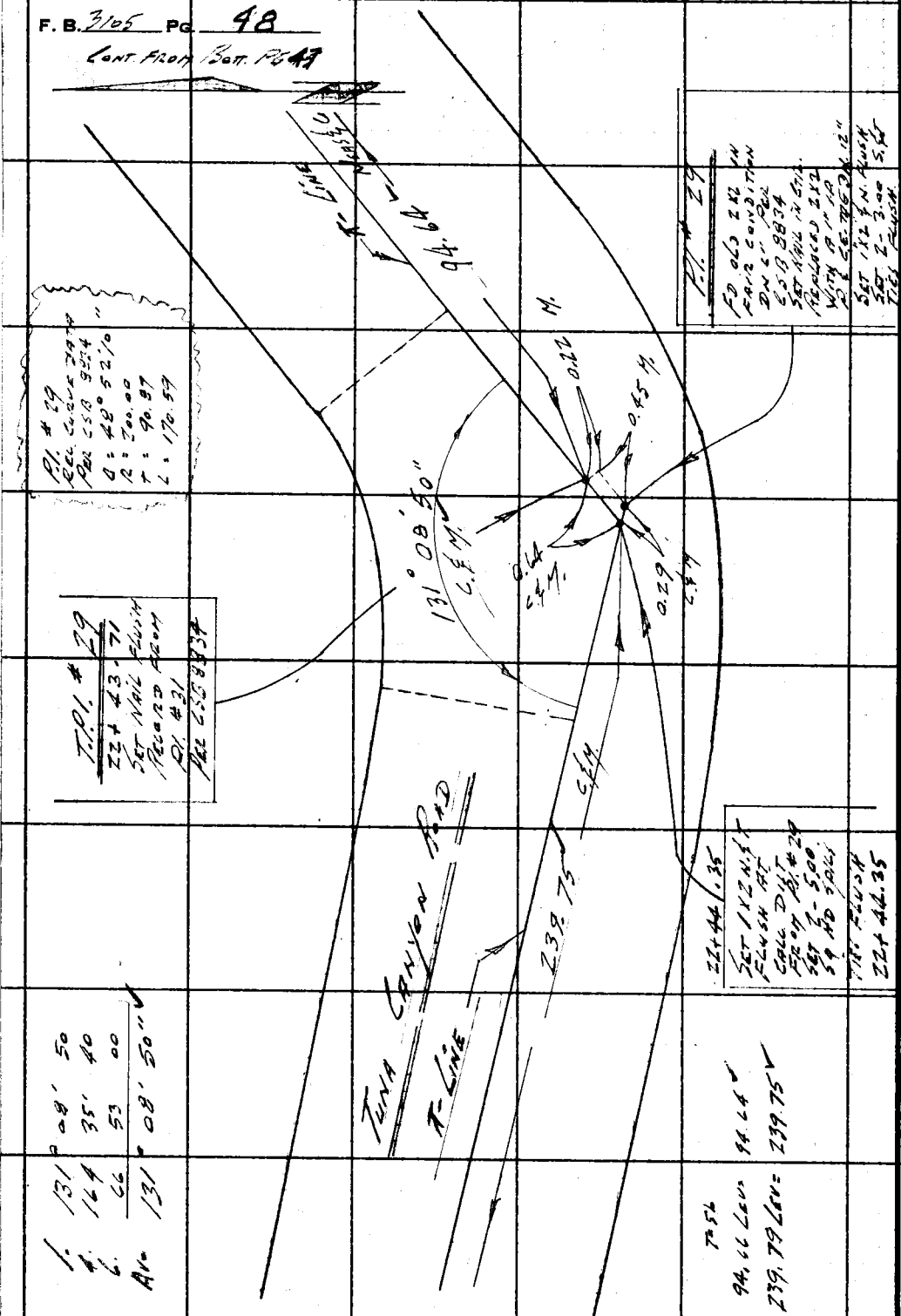
Notes Ck'd by C. RUBENACKER
Map No.
Office Work
Checked
Date

Survey of ZOL TUNA CYN N.
JN 03-30 Tape 161 Std 84 °F
Surveyed by LIND
Notes LIND Date 1-9-63
Indexed C. J. GALLI

F. B. 3105 PG. 47

F. B. 3105 PG. 48

CONT. FROM BOTT. PG 47



CONT. TO TOP PG 49

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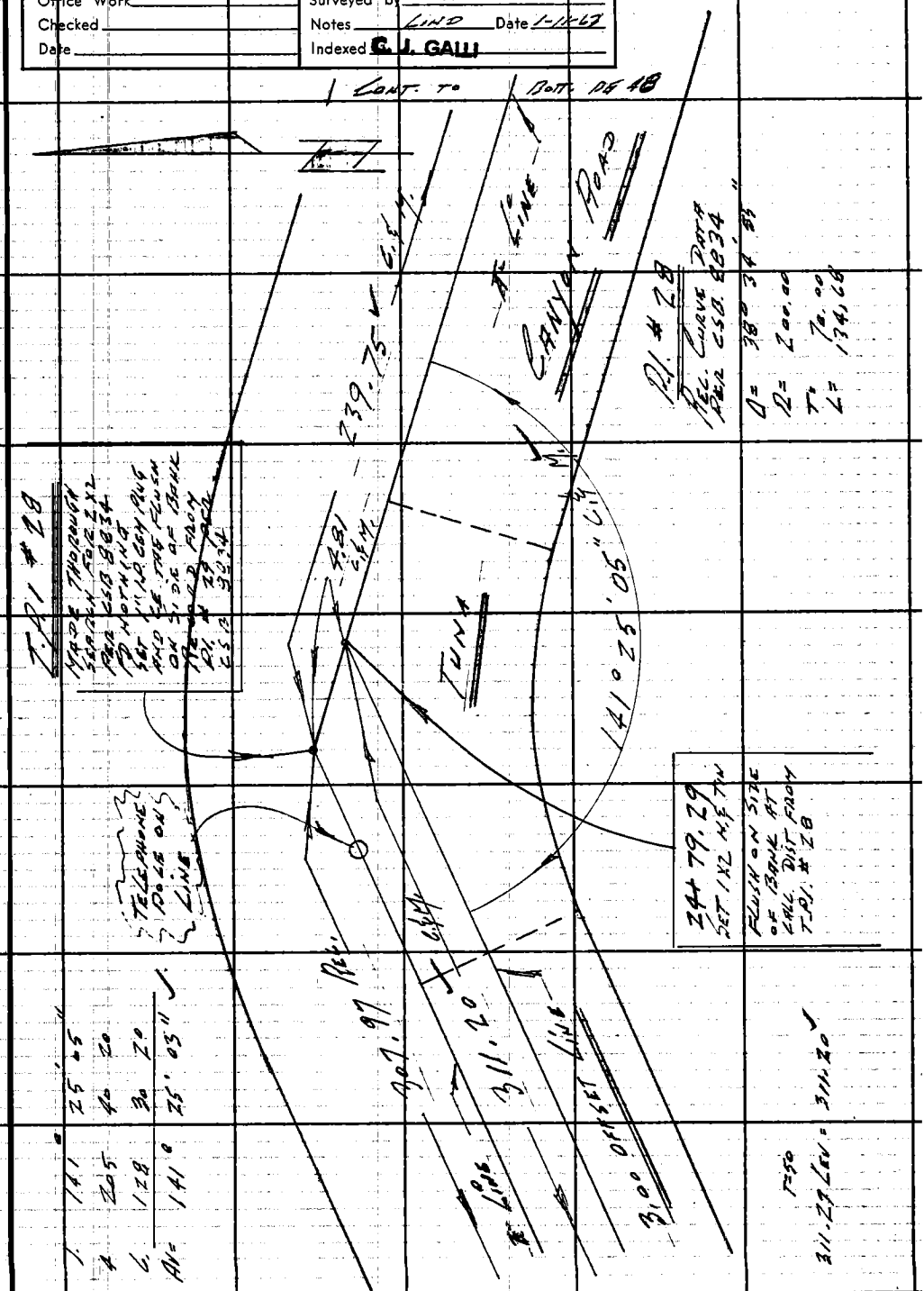
Notes Ck'd by C. RUBENACKER	Survey of Z#C TUNA CYN. N.
Map No.	JN 0303.00 Tape 161 Std 84° °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 1-11-67
Date	Indexed C. J. GALLI

F. B. 3105 PG. 49



CONT. ON TOP. PG 48 50

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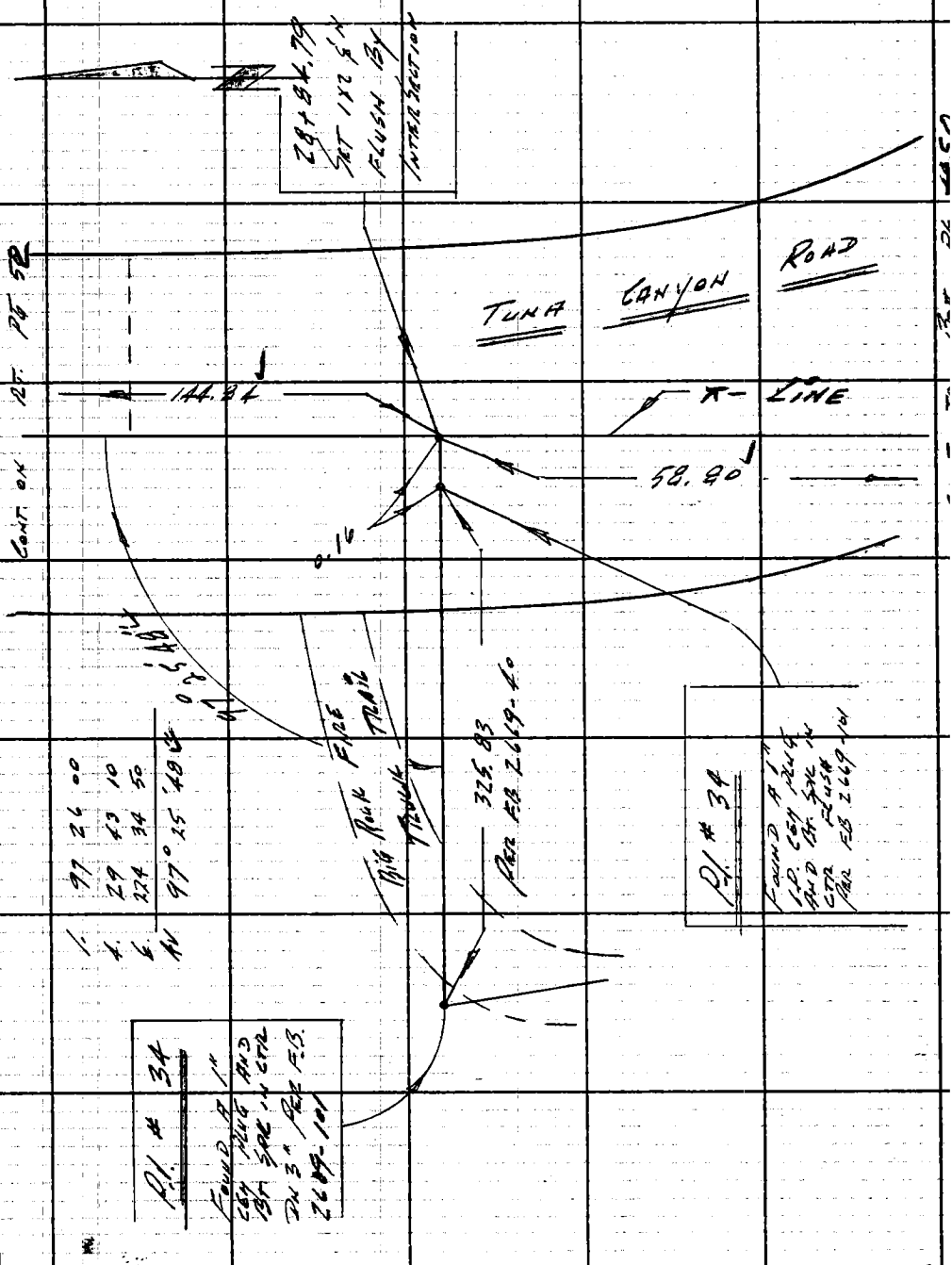
W.S. 89 C-4

2 EC

Notes Ck'd by C. RUBENACKER	Survey of TUNA CANYON N.	F. B. 3105 PG. 51
Map No.	JN 0303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 1-15-63	
Date	Indexed R. J. GALLI JAN 31 '63	



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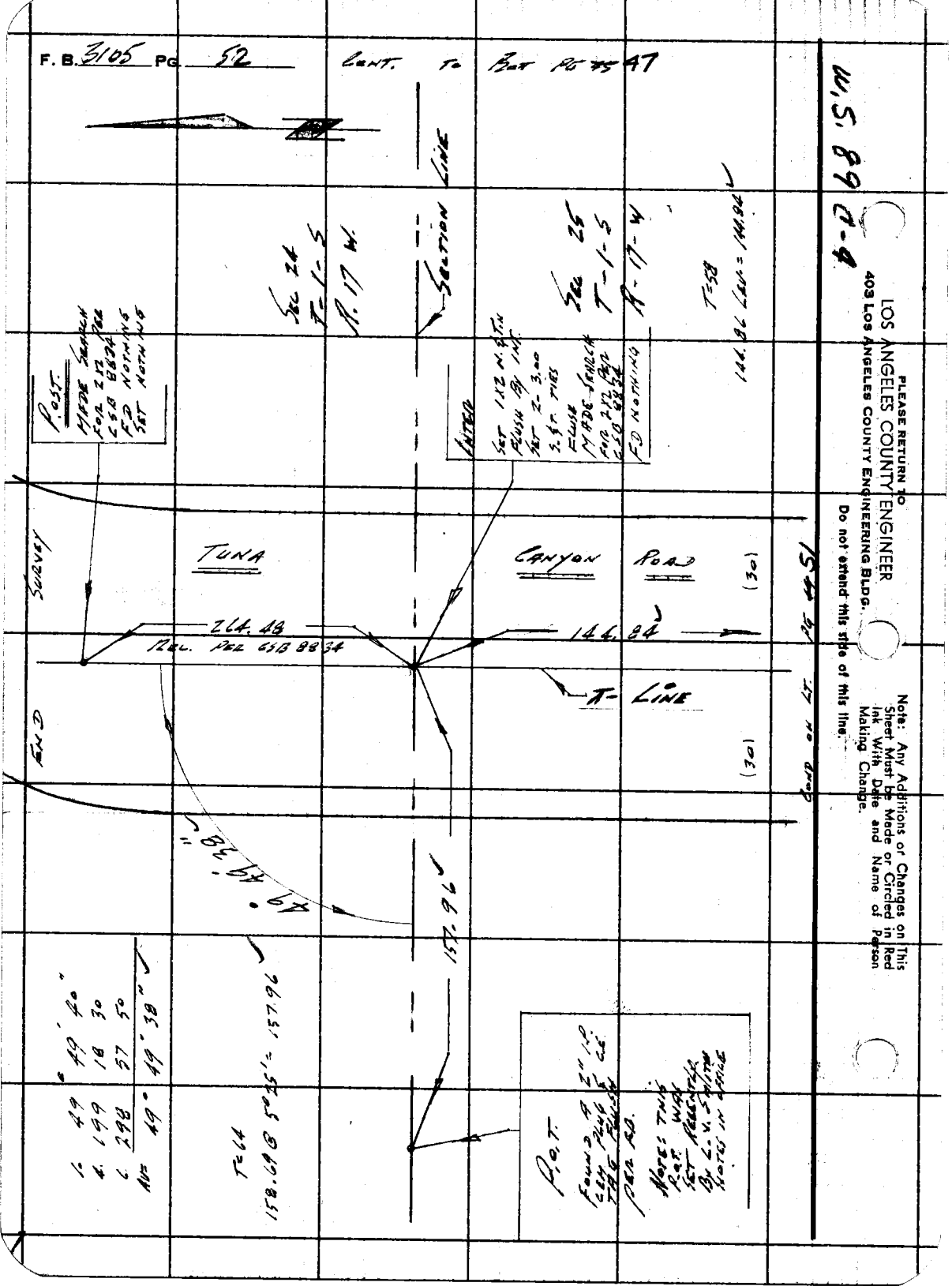
F. B. 3105 PG. 52
CONT. TO BOT PG 47
W.S. 89 C-4
SECTION LINE
SEC 24
T-1-S
R. 17 W.
SEC 25
T-1-S
R-17-W
T=58
144.86 LEV = 144.84
POST.
MADE SEARCH
FOR 2X2 PER
CSB 8834
FD NOTHING
SET NOTHING
INTER
SET 1X2 N.&T.N
FLUSH BY INT.
SET 2-3.00
S.&T. TIES
FLUSH
MADE SEARCH
FOR 2X2 PER
CSB 8834
FD NOTHING
SURVEY
TUNA
CANYON ROAD
(30)
264.48
REL. PER CSB 8834
144.84
T-LINE
END
(30)
COND ON LT. PG 451
49° 49' 38"
157.96
1. 49° 49' 40"
4. 199 18 30
6. 298 57 50
AV= 49° 49' 38"
T=64
158.69 @ 5°25' = 157.96
POT.
FOUND A 2" I.P.
CEM PLUG & CE.
TAG FLUSH
PER RD.
NOTE: THIS
POT. WAS
SET RECENTLY
BY L. V. SMITH
NOTES IN OFFICE
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Notes Ck'd by	Survey of TUNA CYN. RD	F. B. 3105	Pg. 53
Map No.	JN 2215.14 Tape Std °F		
Office Work	Surveyed by G.K. LIND		
Checked	Notes LIND Date 1-21-63		
Date	Indexed E. J. GALLI JAN 31 '63		

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ZIC TUNA CANYON NORTH

J.N. 2215.14

LOCATION OF IMPROVEMENTS

ALONG

TUNA CANYON ROAD

FROM: P.I. # 39

TO: P.I. # 26

REF: CSB 8834

CONTROL: F.B. 3105, PGS 37-50

JAN. 1963

LIND

MALDONADO

RODRIGUEZ R.R.

RODRIGUEZ L.A.

76F3085 CE # 310 3-61

F. B. 3105 Pg. 54

Station	Off-Set	Description
0+00	12.4 Lt.	Edge Pvt. & Toe of Slope
	18.0 Rt.	" "
	29.0 Rt.	Top of Bank
0+50	11.4 Lt.	Edge of Pvt. & Toe of Bank
	13.5 Rt.	" " "
	22.5 Rt.	Top of Bank
0+90.0	6.5 Rt.	12" Corr. Iron Drain Pipe
0+93.0	31.5 Rt.	Same Pipe
1+09.0	27.0 Lt.	24" Corr. Iron Culvert
0+95	23.0 Lt.	Same Culvert
1+00	16.2 Lt	Edge of Pvt
"	24.0 Lt.	Edge of Bank
"	4.0 Rt	Edge of Pvt
"	8.5 Rt.	Top of Bank
1+50	5.0 Lt.	Edge o
	7.0 Lt.	Toe of Slope
	8.5 Rt.	Edge of Pvt.
	13.8 Rt	Edge of bank
2+00	6.0 Lt	Edge of Pvt.
	9.0 Lt.	Toe of Slope
	6.5 Rt.	" of Pvt
	10.5 Rt.	" " Bank
2+50	17.0 Lt.	Edge of Pvt.
	19.0 Lt.	Toe of Slope
	1.0 Rt	Edge Pvt.
	5.0 Rt.	" Bank
3+00	7.5 Lt.	Edg Pvt
	10.5 Lt	Toe of Slope
	11.0 Rt	Edge Pvt
	16.0 Rt.	" Bank
3+50	9.0 Lt.	" Pvt.
	12.5 Lt.	" Bank
	7.0 Rt.	" Pvt.
	12.4 Rt.	" bank
4+00	10.5 Lt.	" Pvt.
	15.5 Lt.	Toe of Slope

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

Notes Ck'd by	Survey of ZDC TUNU CANYON N.	F. B. 3105	PG. 55
Map No.	JN Z215-10 Tape 161 Std 8A °F		
Office Work	Surveyed by C.K. LUND		
Checked	Notes J. Maldonado Date 1-63		
Date	Indexed B. J. GALLI		

Station	Off-Set		Description
4+00	4.0	Rt.	Edge Pvt
	10.5	Rt.	" Bank
4+50	7.4	Lt.	Edge of Pvt.
	14.5	Lt.	Toe of Slope
	7.5	Rt.	Edge of Pvt
	12.5	Rt.	" of bank
5+00	7.5	Lt.	Edge Pvt
	13.0	Lt.	Toe of Slope
	9.0	Rt.	Edge Pvt
	14.5	Rt.	" bank
5+50	22.5	Lt.	" Pvt.
	26.0	Lt.	Toe of Slope
	6.5	Rt.	Edge Pvt
	16.0	Rt.	" Bank
6+00	16.5	Lt.	" Pvt. & Toe of Slope
	4.5	Rt.	Edge Pvt
	11.5	Rt.	" Bank
6+50	12.0	Lt.	" Pvt.
	14.0	Lt.	Toe of Slope
	6.5	Rt.	Edge of Pvt
	11.5	Rt.	" " Bank
7+00	7.5	Lt.	Edge of Pvt. & Toe of Slope
	16.5	Rt.	" " Pvt.
	25.6	Rt.	" " bank
7+50	9.0	Lt.	Edge of Pvt.
	12.0	Lt.	Edge of bank
	8.0	Rt.	" " Pvt
	12.5	Rt.	" " bank
7+52	14.0	Lt.	16" Corr. Iron Pipe Culvert
7+54.8	16.0	Rt.	same Pipe
8+00	15.5	Lt.	Edge Pvt.
	21.5	Lt.	Toe of Slope
	4.0	Rt.	Edge Pvt
	9.0	Rt.	" of Bank

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

F. B. 3105 PG. 56

Station	Off-Set	Description
8+50	12° Lt	Edge Pvt
	19° Lt	Toe of Slope
	13° Rt.	Edge Pvt
	22.5° Rt	" Bank
9+00	8.5 Lt	Edge Pvt
	12.5 Lt.	Toe of Slope
	14.5 Rt	Edge of Pvt
	26.5 Rt	" of Bank
10+00	8.0 Lt	Edge of Pvt.
	15° Lt	Toe of Slope
	7° Rt	Edge of Pvt
	12.5° Rt	Edge of Bank
11+00	10° Lt	Edge of Pvt
	13.0 Lt.	Toe of Slope
	8.0 Rt	Edge of Pvt
	15° Rt	" of Bank
11+50	16°	Edge of Pvt
	21°	Toe of Slope
	1.5	Edge of Pvt
	6.5°	" of Bank
11+77.0	25° Lt.	24" Corr. Iron Pipe Culvert
	25° Rt.	" " " " "
12+00	16° Lt.	Edge Pvt.
	25° Lt.	Toe of Slope
	E	Edg of Pvt
	4° Rt.	Edge of Bank
12+50	9° Lt	" " Pvt.
	11° Lt.	Toe of Slope
	12.0 Rt.	Edge Pvt.
	19.5 Rt	" Bank
13+00	10.5 Lt.	Edge Pvt. & Toe of Slope
	12.0 Rt.	" Pvt
	21.0 Rt.	" Bank
13+50	2° Lt.	Edge of Pvt
	26° Lt.	" " " & Toe of Slope
	1° Rt.	Edge of Bank

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

Survey of 22c Tuna Canyon Rd
JN 2215.14 Tape Std °F
Surveyed by C.K. Lind
Notes J. Maldonado Date 1-63
Indexed E. J. GALLI

F. B. 3105' PG. 57

Station	Off-Set	Description
14+00	12° Lt	Edge of Pvt & Toe of Slope
	4° Rt	Edge of Pvt.
	8.5 Rt	" " Bank
14+50	8° Lt	" " Pvt & Toe of Slope
	12° Rt	" " "
	17° Rt	" " Bank
15+00	15° Lt	Edge of Pvt
	28° Lt	Toe of Slope
	5° Rt	Edge " Pvt
	8° Rt	" " Bank
15+50	10° Lt	" " Pvt.
	14° Lt	Toe of Slope
	8.5 Rt	Edge of Pvt.
	15° Rt	" " Bank
16+00	6° Lt	Edge of Pvt & Toe of Slope
	13° Rt	" " "
	19° Rt	" " Bank
17+00	8° Lt	Edge of Pvt
	12° Lt	Toe " Slope
	7° Rt	Edge " Pvt
	8° Rt	" " Bank
18+00	5° Lt	" " Pvt. & Toe of Slope
	11° Rt	" " Pvt.
	14° Rt	" " Bank
18+50	9° Lt	Edge of Pvt & Toe of Slope
	9° Rt	" " Pvt
	13° Rt	" " Bank
18+87.8	4° Rt	E. Edge of Entrance to Mac Dr. to Ho #4000
19+00	17° Lt	Edge of Pvt. & Toe of Slope
19+06.8	28° Rt	E. Edge of Dr. Way Tangent to Ho #4000
19+25.4	25° Rt	W. " of Mac Dr. Tangent to Ho #4000
19+42.0	10° Lt	W. " of " Dr. Ent. & Edge of bank
20+00	6° Lt	Top of Bank
	9° Lt	Edge of Pvt

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403 Los Angeles County Engineering Bldg.

7GF3095 CE # 310 3-61

F. B. 3105 Pg. 58

Station	Offset		Description
20+00	24.0	Lt.	Edge of Pvt. & Toe of Slope
20+50	12°	Lt.	" " "
	15°	Lt.	Toe of Slope
	2°	Rt.	Edge " Pvt.
	4°	Rt.	" " Bank
21+00	6.0	Lt.	" " Pvt. & Toe of Slope
	7.0	Rt.	" " Pvt.
	10°	Rt.	" " Bank
22+00	8.0	Lt.	Edge of Pvt. & Toe of Slope
	9°	Rt.	" " Pvt.
	15.5	Rt.	" " Slope
22+29.7	23.0	Rt.	18" Corr. Iron Pipe Culvert (No. End)
22+50	6.5	Lt.	Guy Pole # 12C9423E.
22+51.5	8°	Lt.	18" Corr. Iron Pipe Culvert (So. End)
22+54.0	21.0	Rt.	P. Pole # 12C9424E
23+00	8°	Lt.	Edge of Pvt.
	12°	Lt.	Toe of Slope
	9°	Rt.	Edge of Pvt.
	15°	Rt.	" " Bank
24+00	2°	Lt.	" " Pvt. & Toe of Slope
	8°	Rt.	" " Pvt.
	12°	Rt.	" " Bank
24+50	21°	Lt.	Edge of Pvt. & Toe of Slope
	Ctr. of Line		" " Pvt.
	4°	Rt.	Edge " Bank
25+00	1.0	Lt.	" " Pvt.
	22°	Lt.	" " Pvt. & Toe of Slope
	3°	Rt.	Edge of Pvt. & P. Pole 6S0?3?5E.
25+50	8°	Lt.	" " Pvt. & Toe of Slope
	9°	Rt.	" " Pvt.
	13°	Rt.	" " Bank
25+97	11.0	Rt.	14" & 10" Pronged Scrub Oak Tree
26+00	8.0	Lt.	Edge of Pvt. & Toe of Slope
	8°	Rt.	" " Pvt.
	11°	Rt.	" " Bank
27+00	8.°	Lt.	Edge " Pvt.
	13.°	Lt.	Toe " Bank

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Notes Ckd by
Map No.
Office Work
Checked
Date

Survey of ZZ C Tuna Canyon Rd F. B. 3105 PG. 59
JN 2215.14 Tape Std °F
Surveyed by C.K. Lind
Notes J. Maldonado Date 1-63
Indexed B. J. GALLI 3153

Station	Off-Set		Discription
27+00	11.0	Rt.	Edge of Pvt. & Toe of Slope
27+50	9°	Rt.	Toe of Slope
	12.5	Rt.	Edge of Pvt.
	35.0	Rt.	" of Pvt & Toe of Slope
	15.0	Lt.	5' Woven-Wire Fence
28+00	21.0	Rt.	5' Woven-Wire Fence
	40.0	Rt.	Toe of Slope
	48.0	Rt.	Edge of Pvt.
	82.0		" " " & Toe of Slope
28+50	2.5	Lt.	5' Woven-Wire
	12.0	Rt.	Top of Bank
	17.0	Rt.	Edge of Pvt & Toe of Slope
	35.0	Rt.	" of Pvt
	48.0	Rt.	Top Bank
29+00	℄		Edge of Pvt.
	23.0	Rt.	Edge of Pvt. & Toe of Slope
	31.0	Rt.	Top of Bank
	21.0	Lt.	Gate to Big Rock Fire Rd.
29+15.0	21.0		Fire Hydrant
	24.0	Lt.	4' Woven Wire Fence
30+00	14.0	Rt.	Edge of Bank & Toe of Slope
	7.7	Lt.	" " Pvt.
	15.4	Lt.	" " bank
30+29.63	4.0	Lt.	" " Pvt & Toe of Slope (Sec. Line
	9.0	Lt.	" " bank
	14.0	Rt.	" " Pvt. & Toe of Slope

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76F3095 CE # 310 3-61

4

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F. B. 3105 Pg. 60

NOTES RED. JOB NO. 2215.14 SURVEY OF ZFC TUNA CYN. N. F.B. 5103 PG. 61

DATE SURVEY BY C. E. LIND

NOTES CHKD. NOTES BY LIND DATE 1-17-63

DATE INDEXED C. J. GALLI DATE JAN 31 '63

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
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

769420 353 8-49

DESCRIPTION	ZFC TUNA CANYON NORTH ON 2215.14 BENCH LEVELS ALONG
ADJ. ELEV.	TUNA CANYON ROAD
3RD RUN	FROM: BIG ROCK FIRE TRUCK TRAIL
2ND RUN	P.I. # 27 PER CSB 9834
DIFF.	TO: P.I. # 40 PER CSB 9834
1ST RUN	1-17-63 LIND
B.M.	MALDONADO RODRIGUEZ R.L. RODRIGUEZ R.L.

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

4.5 [illegible]

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
By W-9	1567.663				1567.663	By W-9, EL= 1567.663 Per FB.2669-194
+	3.552		3.173	3.080		
π	1571.215	-4.445	-4.447	-4.446		Tuna Canyon Road and Big
-	7.997		7.620	7.526		Rock Fire Truck Trail
T.P.	1563.218					N.W. Cor. & 4° S. of Meter
+	1.197		1.046	0.977		Post. A Std Pre-Cast
π	1564.415	-7.216	-7.215	-7.215		By Mon. up 3"
-	8.413		8.261	8.191		
T.P.	1556.002					
+	0.900		0.644	0.969		
π	1556.902	-8.191	-8.193	-8.192		
-	9.091		8.837	9.159		
T.P.	1547.811					Sta. 27+08
+	0.969		0.811	1.250		
π	1548.779	-8.069	-8.068	-8.068		
-	9.037		8.879	[illegible]		
T.P.	1539.742					
+	0.637		0.477			
π	1540.379	-8.501	-8.500	-8.500		
-	9.138		8.977			
T.P.	1531.241					
+	0.554		0.442			
π	1531.795	-8.930	-8.930	-8.930		
-	9.484		9.372			
T.P.	1522.311					
+	0.805		0.684			
π	1523.116	-8.508	-8.509	-8.508		
-	9.313		9.193			
T.P.	1513.803					P.L. Near Sta 23+50

JOB NO. 2215.14 SURVEY OF Tuna Canyon Rd NOTES RED.
SURVEY BY [illegible] DATE
NOTES BY [illegible] DATE 1-17-63 NOTES CHK. [illegible]
INDEXED B. J. GALLI DATE

F.B. 3105 PG. 62

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 2215.14 SURVEY OF Zone 4 STM. 40TD F. B. 319 PG. 63
DATE _____ SURVEY BY _____ DATE 1-17-67
NOTES BY C. RUBENACKER NOTES BY _____ DATE _____
DATE _____ INDEXED C. J. GALLI DATE JAN 31 '68

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1513.803					P.L. NEAR STA Z3+50
+	1.637		1350			
π	1515.440	-7.825	-7829	-7.827		
-	9.462		9179			
TP	1505.978					
+	0.644		0.491			
π	1506.622	-7.267	-7.267	-7.267		
-	7911		7758			
TP	1498.711					Z1+49.07 DEC. LINE INT. S.ST.
+	0.851		0.722			
π	1499.562	-8.356	-8.355	-8.356		
-	9207		9.077			
TP	1490.355					
+	0333		0.448			
π	1490.688	-9.920	-9.920	-9.920		
-	10253		10.368			
T.P.	1480.435					
+	0769		0637			
π	1481.204	-6.631	-6.632	-6.631		
-	7400		7269			
TP	1473.804					
+	0.709		0592			
π	1474.513	-7.201	-7202	-7.202		
-	7910		7794			
TP	1466.603					TP +00 P.L.
+	0101		0.293			
π	1467.704	-9.249	-9.249	-9.248		
-	10350		10.146			
TP	1457.354					

765420 353 8-49

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NOTES RED. DATE NOTES BY C. RUBENACKER DATE

SURVEY OF TUNNEL CYN. DATE 1-17-68

JOB NO. 2195.14 SURVEY BY CIVIL DATE

NOTES BY DATE

INDEXED B. J. GALL DATE

F.B. 3105 PG. 64

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1457.354					
+	9.282		9.378			
π	1457.636	-10.516	-10.512	-10.514		
-	10.798		10.890			
T.P.	1446.838					PK STA 12+50
+	0.658		0.727			
π	1447.496	-8.735	-8.735	-8.735		
-	9.393		9.462			
T.P.	1438.103					
+	0.379		0.449			
π	1438.482	-9.989	-9.985	-9.987		
-	10.368		10.433			
T.P.	1428.114					STA H-15, EL= 1400.013
+	0.519		0.417			PER HEARST WATER LINE ALIGNMENT SURVEY
π	1428.633	-9.219	-9.215	-9.217		F.B. 3105, PAGES 5-36
-	9.738		9.632			
T.P.	1418.895					THE DIFFERENCE IN ELEVATIONS
+	0.513		0.413			ON STATION H-15, INDICATES
π	1419.408	-7.206	-7.204	-7.205		THE ELEVATION ON BM
-	7.719		7.617			HEARST IS NOT ACCURATE.
T.P.	1411.689					SEE F.B. 1978-40
+	1.471		1.307			
π	1413.160	-7.799	-7.794	-7.796		
-	9.270		9.101			
T.P.	1403.890					
+	3.051		2.870			PER HEARST RESERVOIR SURVEY
π	1406.941	-4.201	-4.200	-4.201		
-	7.252		7.070			STATION
H-15	1399.689			1399.698		H-15 FOUND 1" I.P.P.C. TAG FLUSH, PER F.B. 3105 -

Profile No. | Notes Red | Plotted | Job No. 2215.14 | Division No. 11 | F.B. 3105 Pg. 65
X-Sec. No. | Notes Chkd. | Checked | Survey by LIND | Notes LIND | Date 1-17-67
Date | Date | Map No. | Indexed R. J. GALLI | Date 3-1-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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ZOC TUNA CANYON NORTH

JN 2215.14

PROFILE ELEVATIONS

OF

THE CENTER OF PAVEMENT

ALONG TUNA CANYON ROAD

FROM: P.I. # 39

TO: P.I. # 26

REF: CSB 8834

F.B. 3105 - Pgs 37-50

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

76-1.298 CE 307 3-61

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF TUNA CANYON ROAD		
By H-15	550.	1405 19.		1399.69	By H-15		
					EL= 1399.69 PER		FB. 31.05 - 62
0+00			8 24	1396 95	P.I. # 39 PER PG 39		CTR PVMT
0+50			7 11	1398 08			
			15 70	1389 49	FL 24" CMP		N. SIDE
			6 95	1398 24	FL 24" CMP		S. SIDE
1+00			6 21	1398 98	3° Lt	CTR	PVT.
1+50			5 05	1400 14	2° Lt.	CTR	PVT.
2+00			4 58	1400 61	π-LINE	CTR	PVT.
2+50			3 56	1401 63	9° Lt.	CTR	PVT.
T.P.	682.	1409.14	2 87	1402 32			
3+00			6 67	1402 47	π-LINE	CTR	PVT
3+50			6 50	1402 64	2° Lt	CTR	PVT.
4+00			5 76	1403 38	3° Lt.	CTR	PVT
4+50			4 91	1404 23	π-LINE	CTR	PVT.
5+00			3 93	1405 21	π-LINE	CTR	PVT.
5+50			2 97	1406 17	10 Lt.	CTR	PVT.
T.P.			1 48	1407 66			

X

F.B. 3105 Pg. 66 Job No. 2215.14 Division No. 11 Notes Red Plotted Profile
Survey of TUNA CAN RD Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Chkd. C. RUBENACKER Checked
Indexed R. J. GALL Date Date Date No.

76-L298 CE 307 3-61

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403 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.	PROFILE OF TUNA CYN RD		
T.P.	7 86	1415 52		1407 66			
6+00			7 51	1408 01	6° Lt.	Ctr	Put.
6+50			6 23	1409 29	2° Lt	"	"
7+00			4 80	1410 72	4° Rt.	"	"
7+50			3 21	1412 31	π-Line	"	"
8+00			0 87	1414 65	6° Lt.	"	"
T.P.	11 85	1426 14	1 23	1414 29			
8+50			9 24	1416 90	2° Lt	Ctr	Put.
9+00			5 29	1420 85	3° Rt.	"	"
9+50			1 48	1424 66	π-Line	"	"
T.P.	11 53	1437 01	0 66	1425 48			
10+00			8 35	1428 66	2° Lt.	Ctr	Put.
10+50			4 23	1432 78	π-Line	"	"
11+00 T.P.	10 84	1447 07	0 78	1436 23	π-Line	"	"
11+50			7 48	1439 59	8° Lt.	"	"
			14 90	1432 17	FL 24" CMP		North Side
			9 24	1437 83	FL. 24" CMP		South Side
12+00			4 07	1443 00	12 Lt.	Ctr	Put.
12+50	T.P.		0 23	1446 84	2° Rt	"	" T.P.

Profile Notes Red ____ Plotted ____ Job No. 2215-14 Division No. 11 F.B. 3105 Pg. 67
No. ____ Date ____ Date ____ Survey of Tuna Cyn. Rd
X-Sec. Notes Checked ____ Survey by Lind Notes Lind Date 1-17-53
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. Gall Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF TUNA CYN RD.		
TP	11 77	1458 61		1446 84			
13+00			6 89	1451 72	3° Rt.	Ctr	Pvt
13+50			[illegible]	1456 22	14° Lt.	Ctr	Pvt
TP	11 13	1469 05	[illegible]	1457 92			
14+00			9 63	1459 42	3° Lt.	Ctr	Pvt
14+50			5 99	1462 06	3° Rt.	"	"
15+00			5 99	1463 06	2° Lt.	"	"
15+50			4 05	1465 00	π - LINE	"	"
16+00			2 22	1466 82	4° Rt.	"	"
16+50			0 64	1468 41	2° Rt.		
TP	10 30	1478 58	0 77	1468 28			
17+00			9 28	1469 30	π - LINE	Ctr	Pvt
17+50			7 74	1470 84	2° Rt	"	"
18+00			6 01	1472 57	4° Rt.	"	"
18+50			4 27	1474 31	π - LINE	"	"
19+00			1 21	1477 37	7½ Lt.	"	"
TP	11 63	1489 19	1 02	1477 56	[illegible]		
19+50			7 59	1481 [illegible]	22° Lt.	Ctr	Pvt
20+00			2 50	1486 69	16½ Lt.	"	"
T.P.			1 02	1488 17		"	"

F.B. 3105 Pg. 68 Job No. 22514 Division No. 11 Notes Red Plotted Profile
Survey of TUNA CYN RD Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Checked G. RUBENACKER
Indexed E. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF TUNA CYN. NORTH		
T.P.	11 49	1499 66		1488 17			
20+50			8 23	1491 43	5° Lt.	Ctr.	Put
21+00			3 91	1495 75	2° Rt.	"	"
+50			0 75	1498 91	2° Rt	"	"
T.P.	10 97	1509 67	0 96	1498 70		"	"
22+00			8 33	1501 34	2° Rt.	"	"
			12 69	1496 98	FL 18" CMP.	"	N. Side
			8 93	1500 74	FL 18" CMP	"	S. Side
22 +50			6 04	1503 63	7° Rt.	Ctr	Put.
23+00	11 97	1520 69	0 95	1508 72	π-Line	"	"
23+50			6 90	1513 79	π-Line	"	"
24+00			1 66	1519 03	3° Lt.	"	"
T.P.	11 12	1531 42	0 39	1520 30			
24+50			6 77	1524 65	9° Lt.	Ctr	Put
25+00			1 77	1529 65	10° Lt.	"	"
T.P.	11 65	1542 88	0 19	1531 23			
25+50			8 26	1534 62	π-Line	Ctr	Put.
26+00			3 18	1539 70	π-Line	"	"
T.P.			0 62	1542 26		"	"

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F.B. 3105 Pg. 69
X-Sec. No. ____ Date ____ Date ____ Survey of TUNA CYN. N.
Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 1-17-63
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date 3-63

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE OF TUNA CYN. RD.	
TP	11 76	1554 02		1542 26		
26+50			10 05	1543 97	⊼ - LINE CTR	PVT.
27+00			6 19	1547 83	4° Rt. "	" 1547.8
28+00			2 84	1551 18	43 E Rt. "	"
TP	11 17	1564 95	0 24	1553 78		
28+50			8 41	1556 54	25 E Rt. "	"
29+00			4 51	1560 44	11° Rt. "	"
29+50			1 91	1563 04	2° Rt.	
30+00			0 59	1564 36	2° Rt.	
TP	7 42	1570 90	1 57	1563 38		
BM W-9			3 11	1567 69	BM W-9, EL: 1567.63, PER EB 2269-194 TUNA CYN. ROAD & BIG ROCK FIRE TRUCK TRAIL N.W. COR. & 4° S. OF [illegible] [illegible] [illegible] PRE CAST. [illegible] [illegible] [illegible] 3".	

F.B. 3105 Pg. 70 Job No. 2215.14 Division No. " Notes Red Plotted Profile
Survey of TUNA CYN. RD Date Date No.
Survey by LIND Notes [illegible] Notes Checked X-Sec.
Indexed P. J. GALLI Date Date Date No.

C. RUBENACKER

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

Survey of ZIC TUNA CYN. NORTH
JN 0303.00 Tape 141 Std 82 °F
Surveyed by E.K. LIND
Notes LIND Date 1-23-63
Indexed E. J. GALLI 3199

F. B 3105 PG. 71

ZIC TUNA CANYON NORTH

WIN. 0303.00

TRANSIT LINE CONTROL

FOR THE LOCATION OF

HEARST RESERVOIR ACCESS ROAD

WAM 1963

LIND
MALDONADO
RODRIGUEZ R.N.
RODRIGUEZ R.R.

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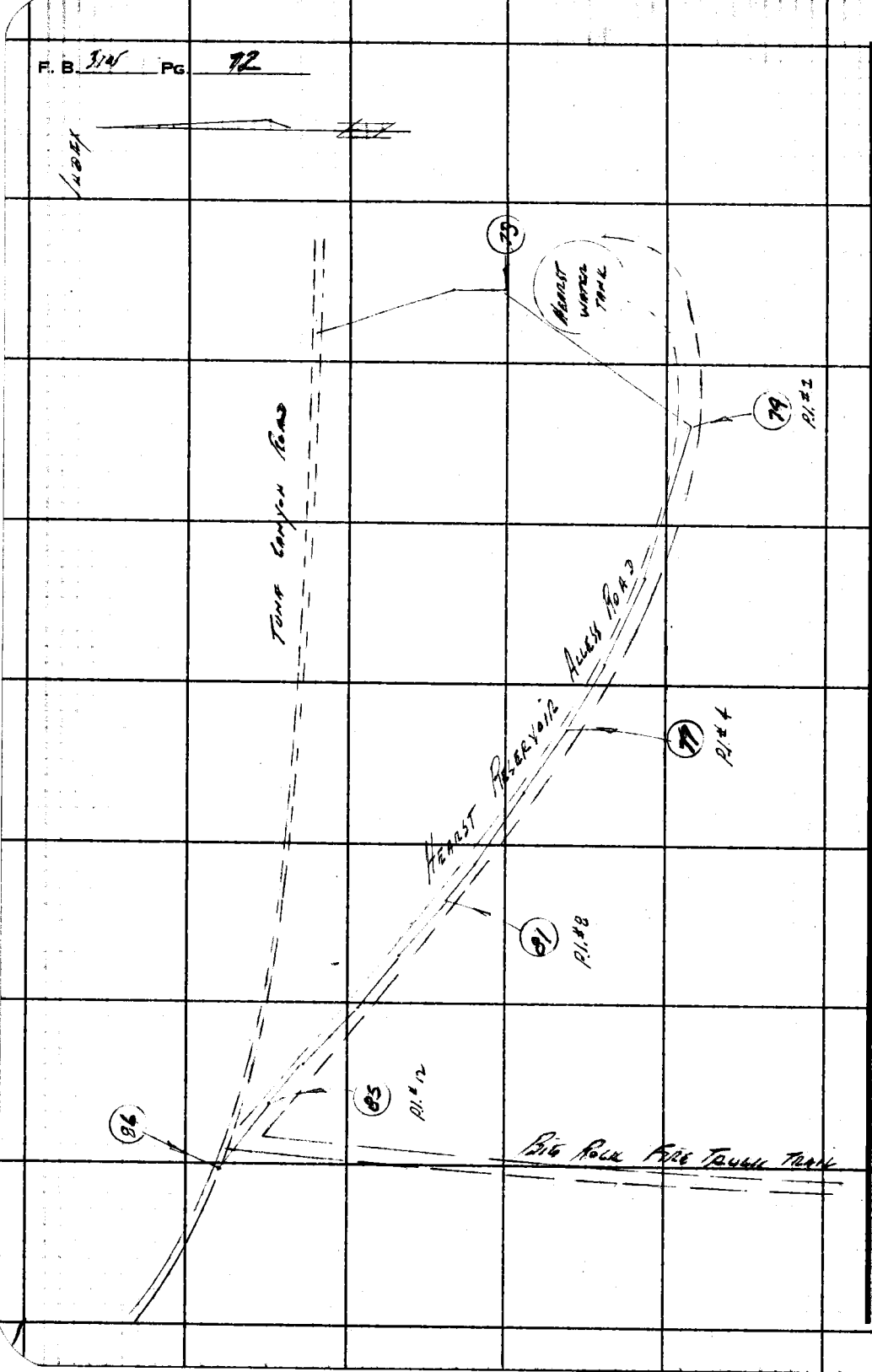
76F3095 CE # 3101 3.61

F. B. 3/15 PG. 72



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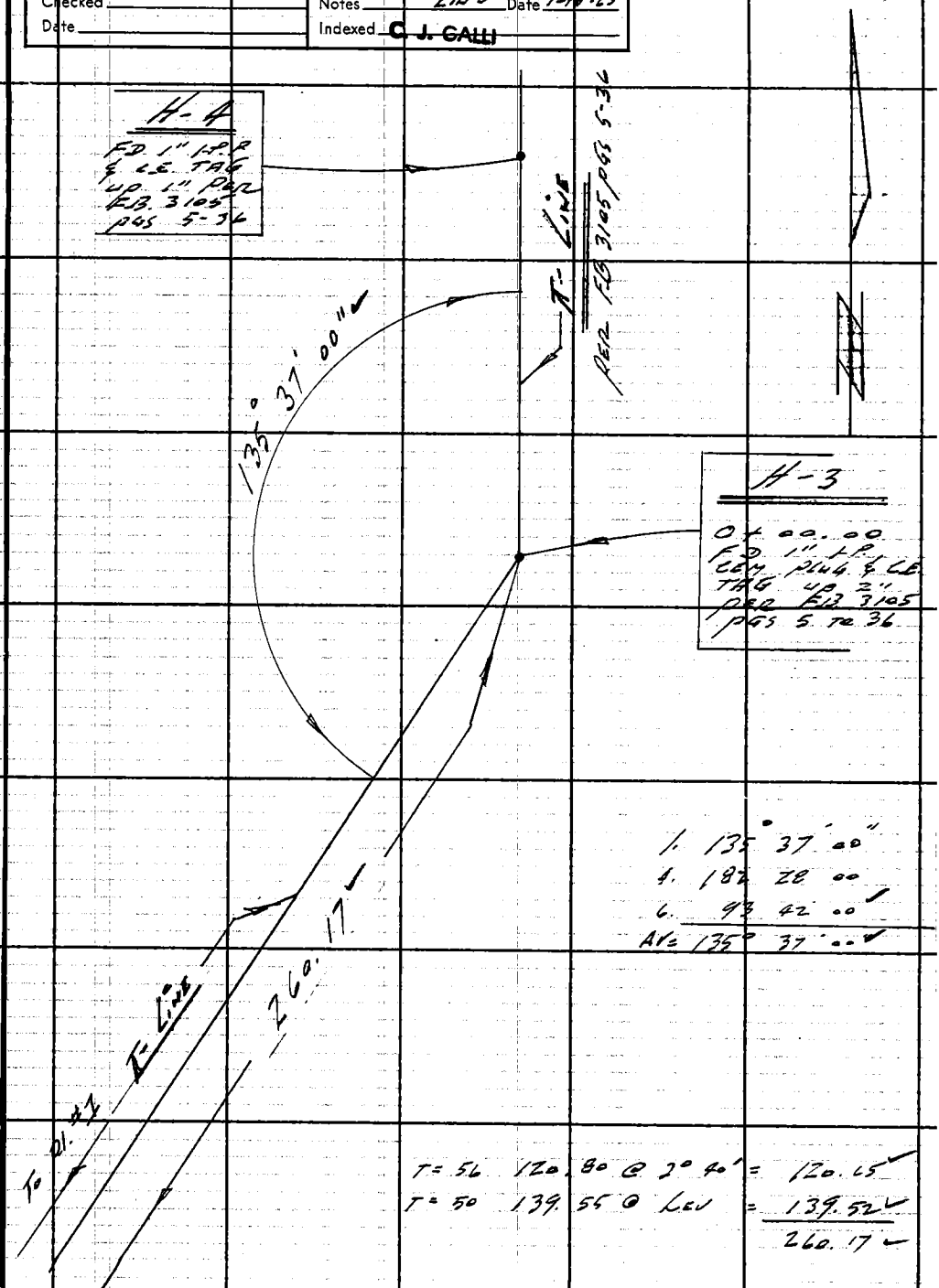
Notes Ck'd by C. RUBENACKER	Survey of Hearst Access Rd	F. B. 3105 PG. 73
Map No.	JN 0303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 1-18-63	
Date	Indexed C. J. CALLI	



1. 135° 37' 00"
4. 182 28 00
6. 93 42 00
AV= 135° 37' 00"

T= 56 120.80 @ 2° 40' = 120.65
T= 50 139.55 @ LEV = 139.52
260.17

CONT TO TOP PG 74

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76F3098 CE # 310 3-61

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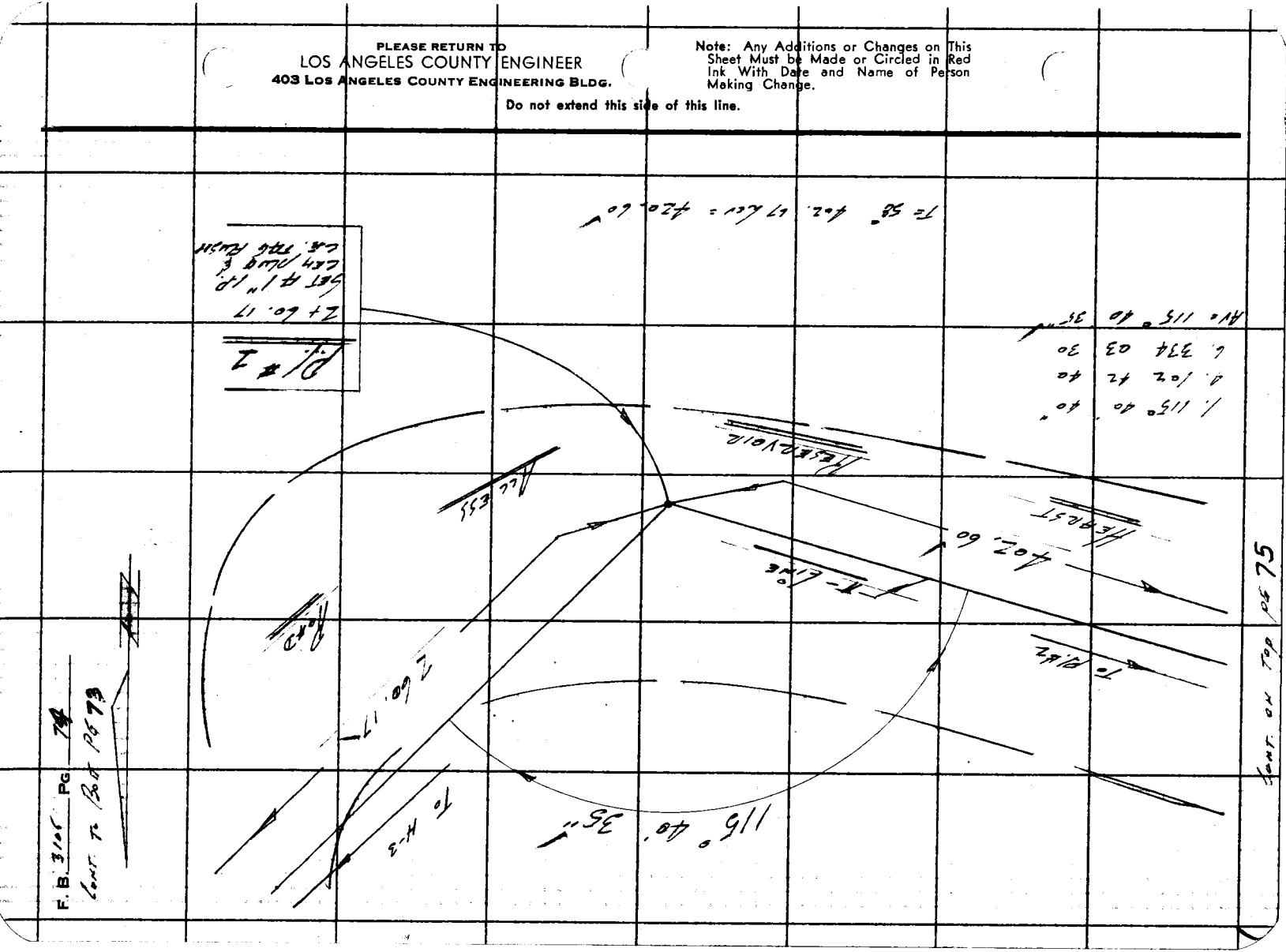
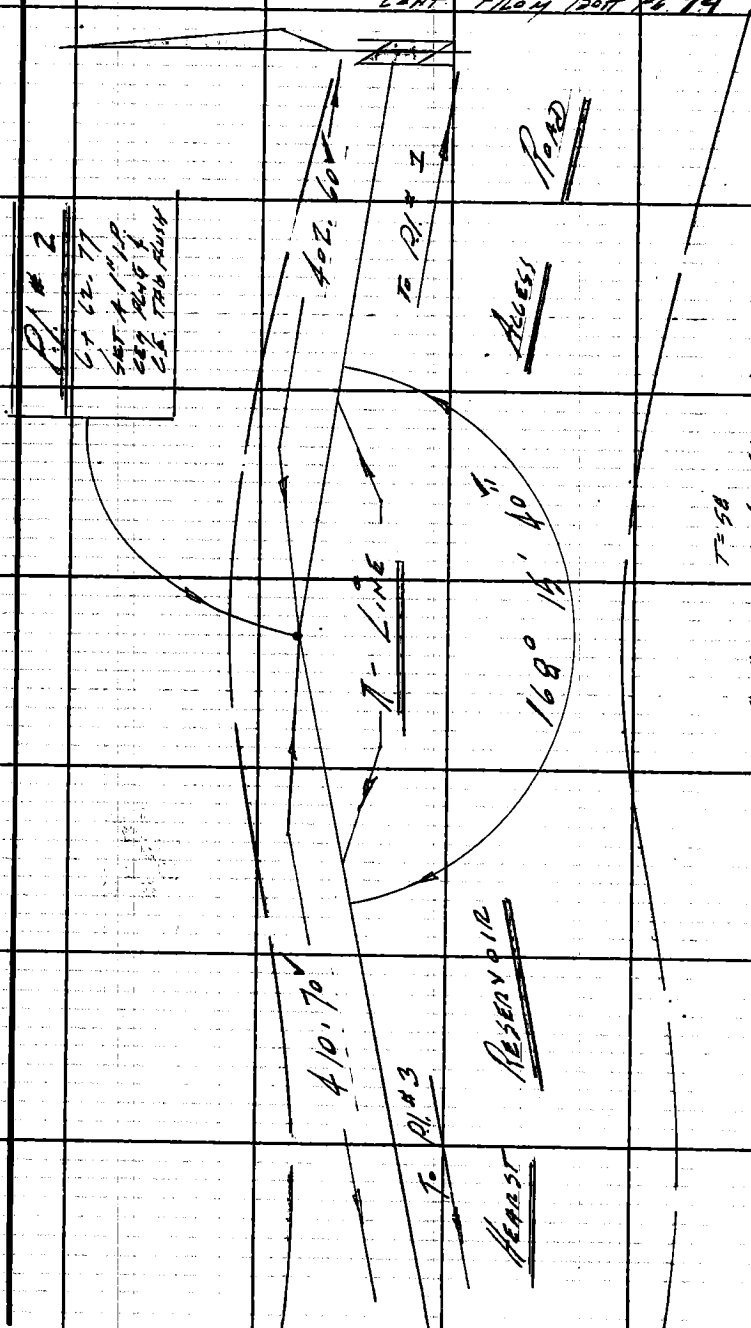


Notes Ck'd by C. RUBENACKER	Survey of Zinc Tank Lyn North
Map No.	JN 0303.00 Tape 121 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND' Date 1-21-63
Date	Indexed C. J. GALLI

F. B. 3105 PG. 75

CONT FROM BOTT PG 74



T=58

97.80 @ 10°51' = 96.03
48.74 @ LEV = 48.73
135.16 @ 11°28' = 132.44
134.16 @ 5°35' = 133.50

410.70

1. 168° 15' 40"
4. 313 02 40
6. 289 34 00
Alt. 168° 15' 40"

CONT TO TOP PG 76

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F. B. 3105 PG. 76

CONT. FROM BOOK PG 75

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Do not extend this side of this line.

98.22

58.43

Δ = 90° 00' 00"
T = 58.43
L = 98.22
R = 62.57

ALLEY

ROAD

CENT. LINE

R = 165.40'
Δ = 53° 34' 50"

ASPHALT

ASPHALT

TO PT. #4

4/10.70

TO PT. #3

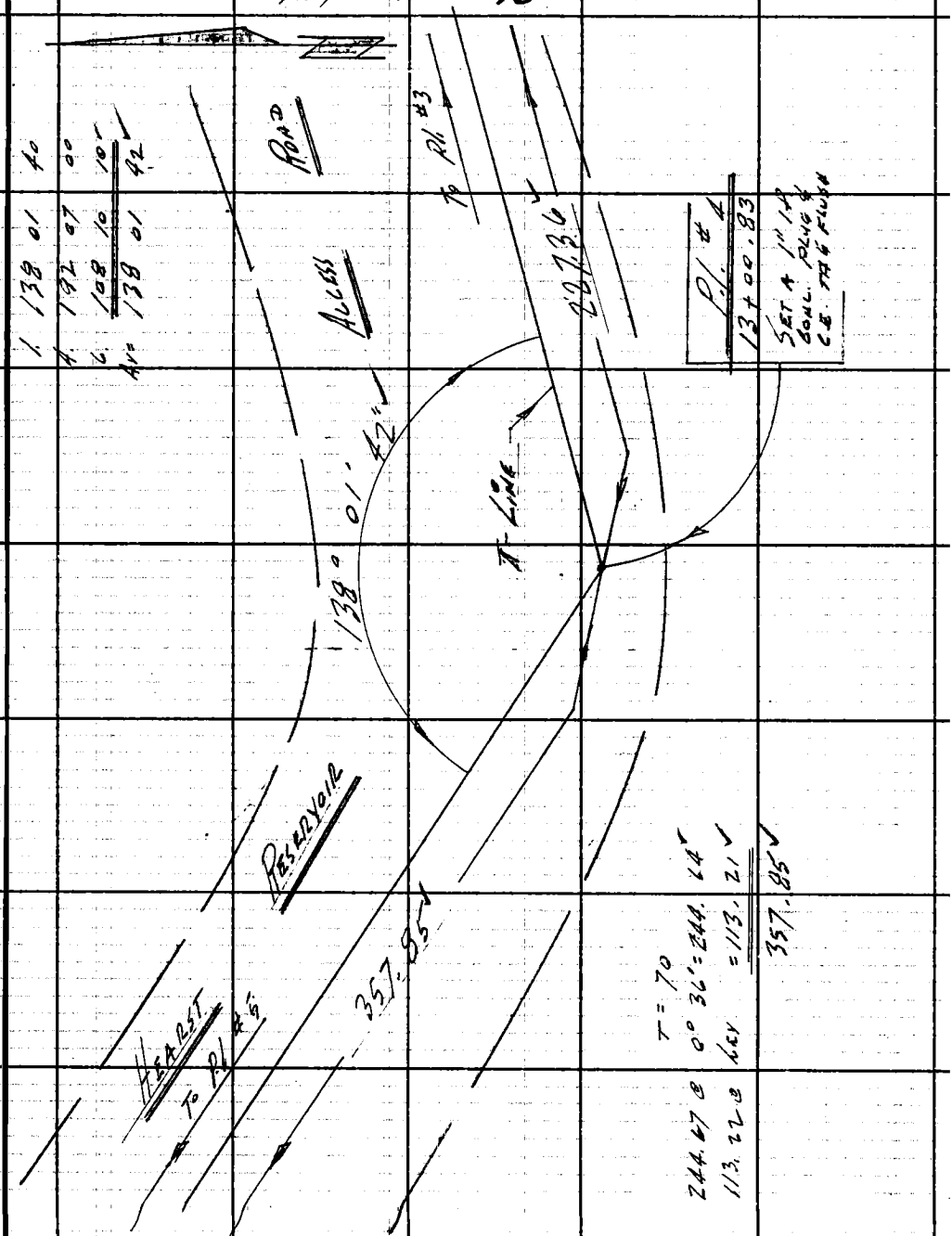
PT. #3
10+73.47
SET A 1" IRON
CENT. PUNCH & FLAG
TAG FLUSH

1. 165° 53' 40"
2. 53 34 50
3. 275 18 00
N = 165° 53' 40" W

CONT. ON TOP PG 77

Notes Ck'd by C. RUBENACKER	Survey of ZEL TUNA LYN. N.		F. B. 3105 PG. 77
Map No.	JN 0303.00 Tape 161 Std 84 °F		
Office Work	Surveyed by LIND		
Checked	Notes LIND Date 1-21-63		
Date	Indexed C. J. GALLI		

CONT. FROM BOTT. PG 76



CONT. TO TOP PG. 78

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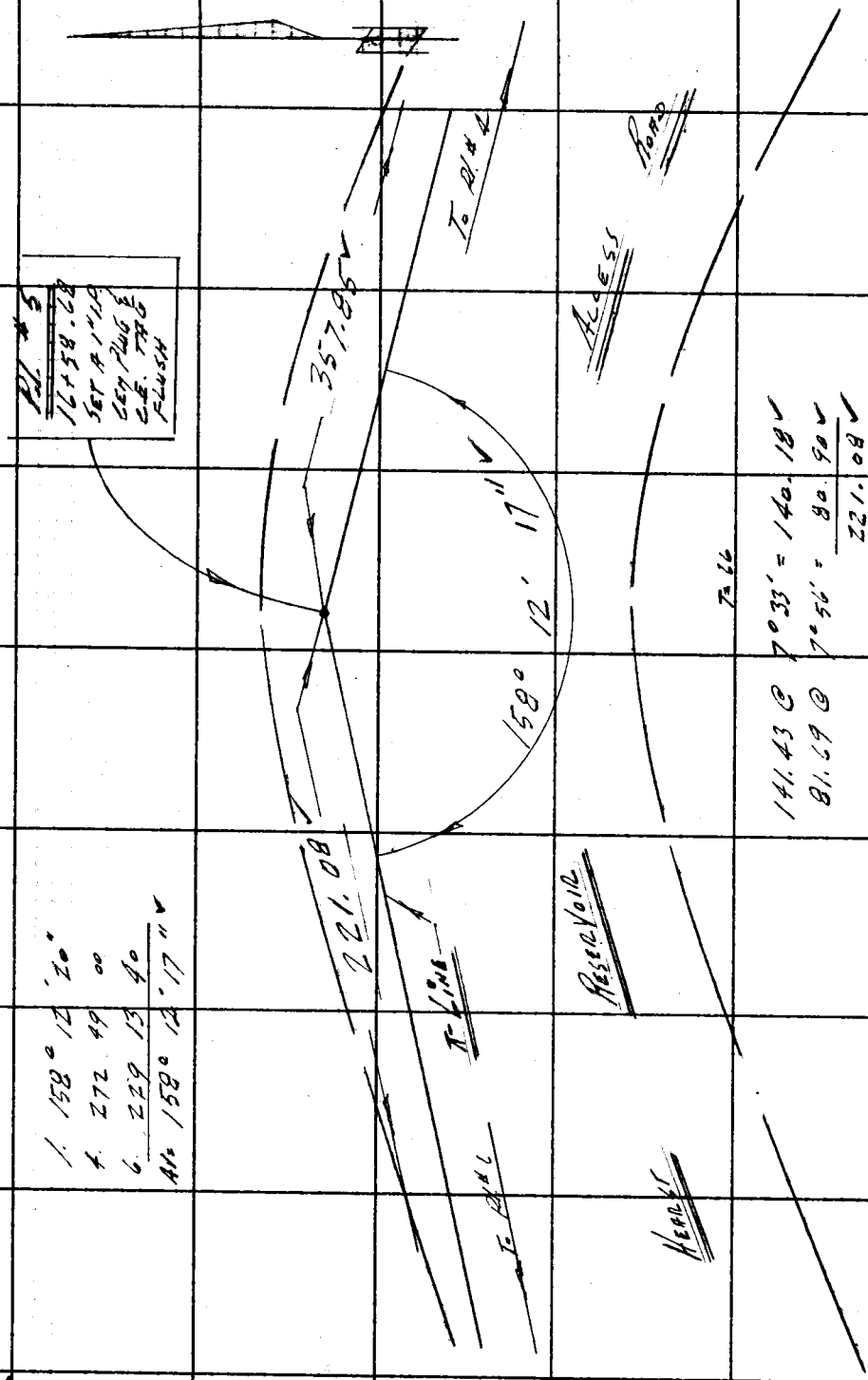
76F3095 CE # 310 3-61

F. B 3105 PG. 78

Cont. to Bott Pg 77



Cont to Top Pg 79

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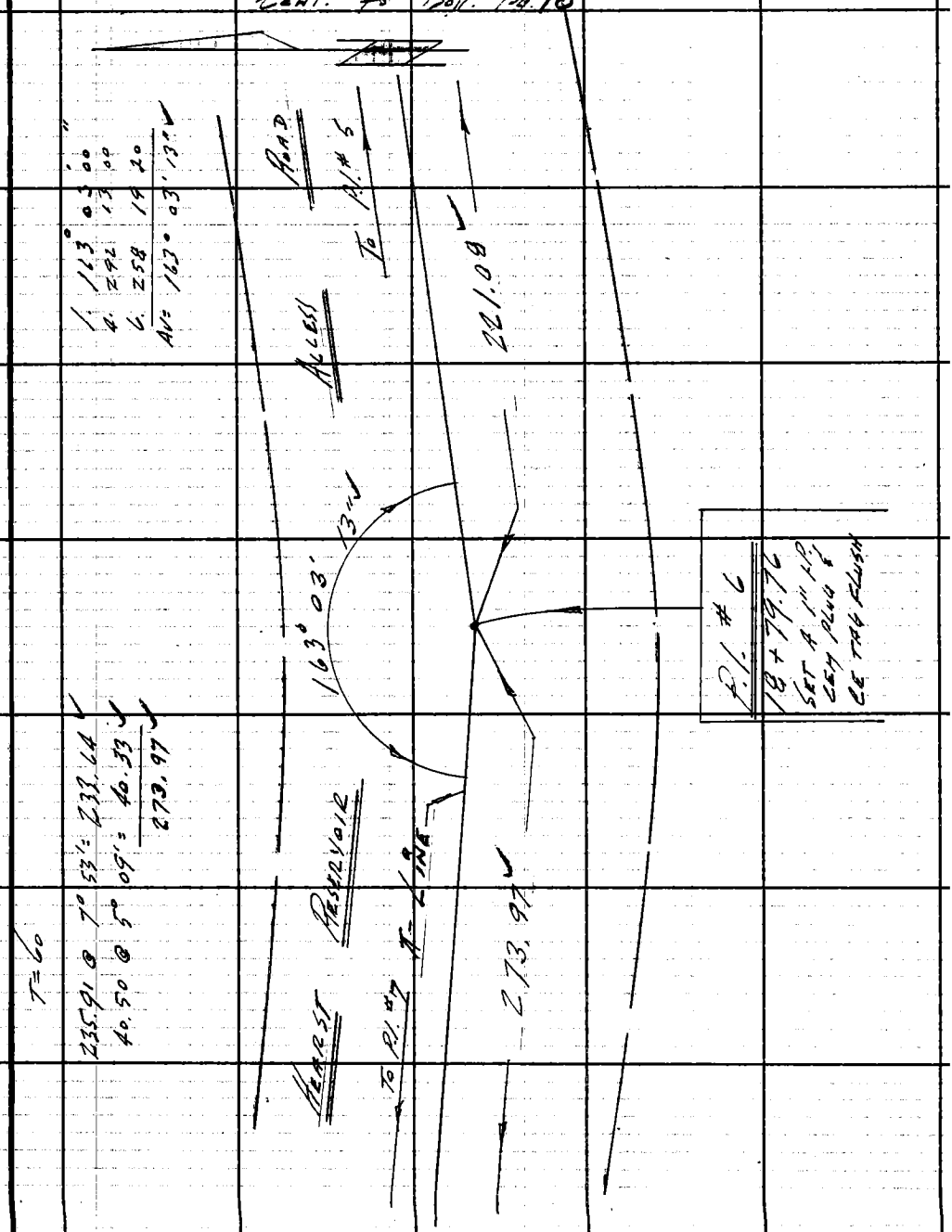
Notes Ck'd by C. RUBENACKER	Survey of 2 IIC TUNA GYN. N.		F. B. 3105 PG. 79
Map No.	JN 0203.00 Tape 161 Std 84 °F		
Office Work	Surveyed by LIND		
Checked	Notes LIND Date 1-21-63		
Date	Indexed C. J. GALLI		

CONT. TO BOTT. PG. 78



CONT. TO TOP PG. 80

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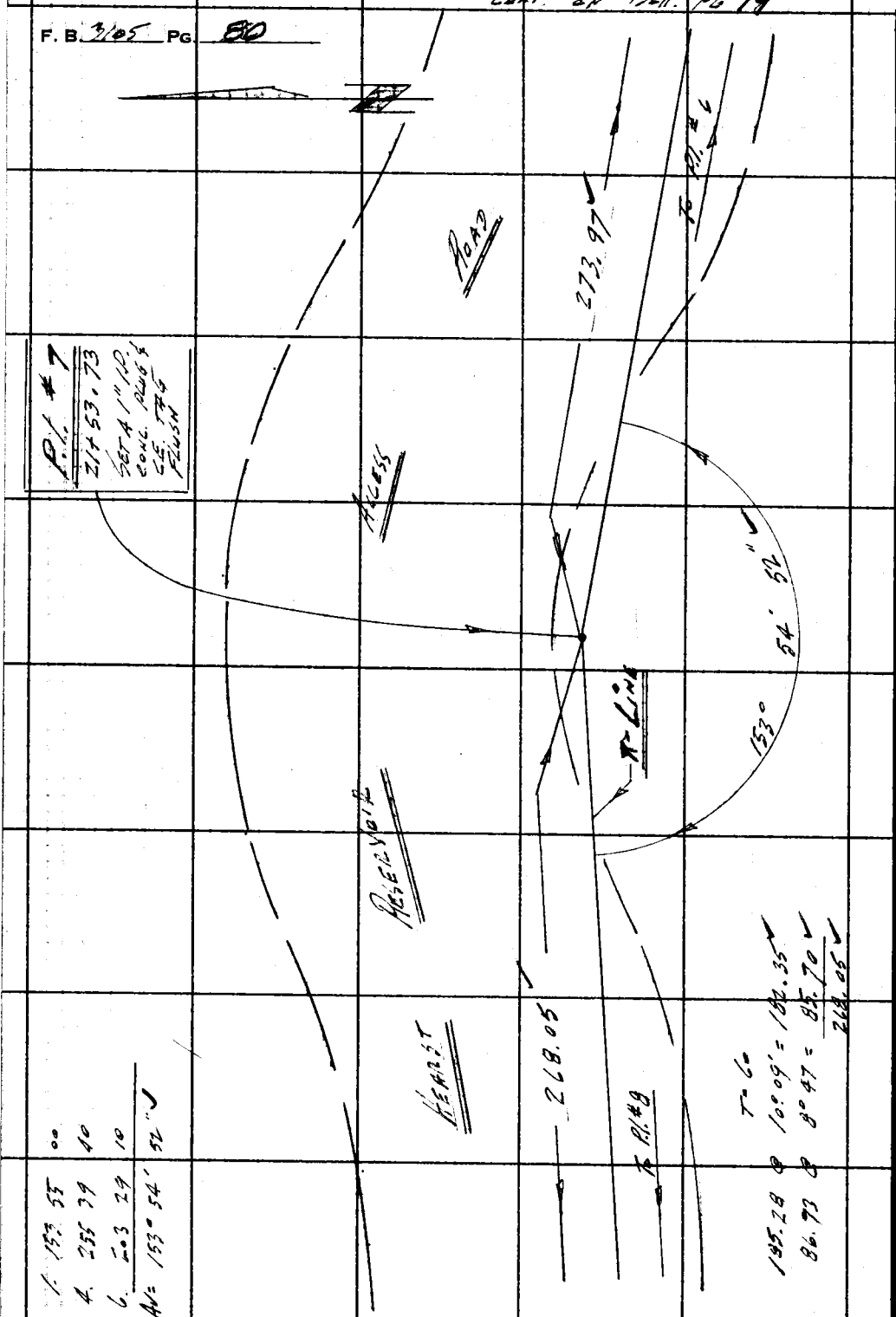
7 GF3095 CE # 310 3-61

Cont. on Bott. Pg 79

F. B. 3/05 Pg. 80



Cont. on To P. Pg 81

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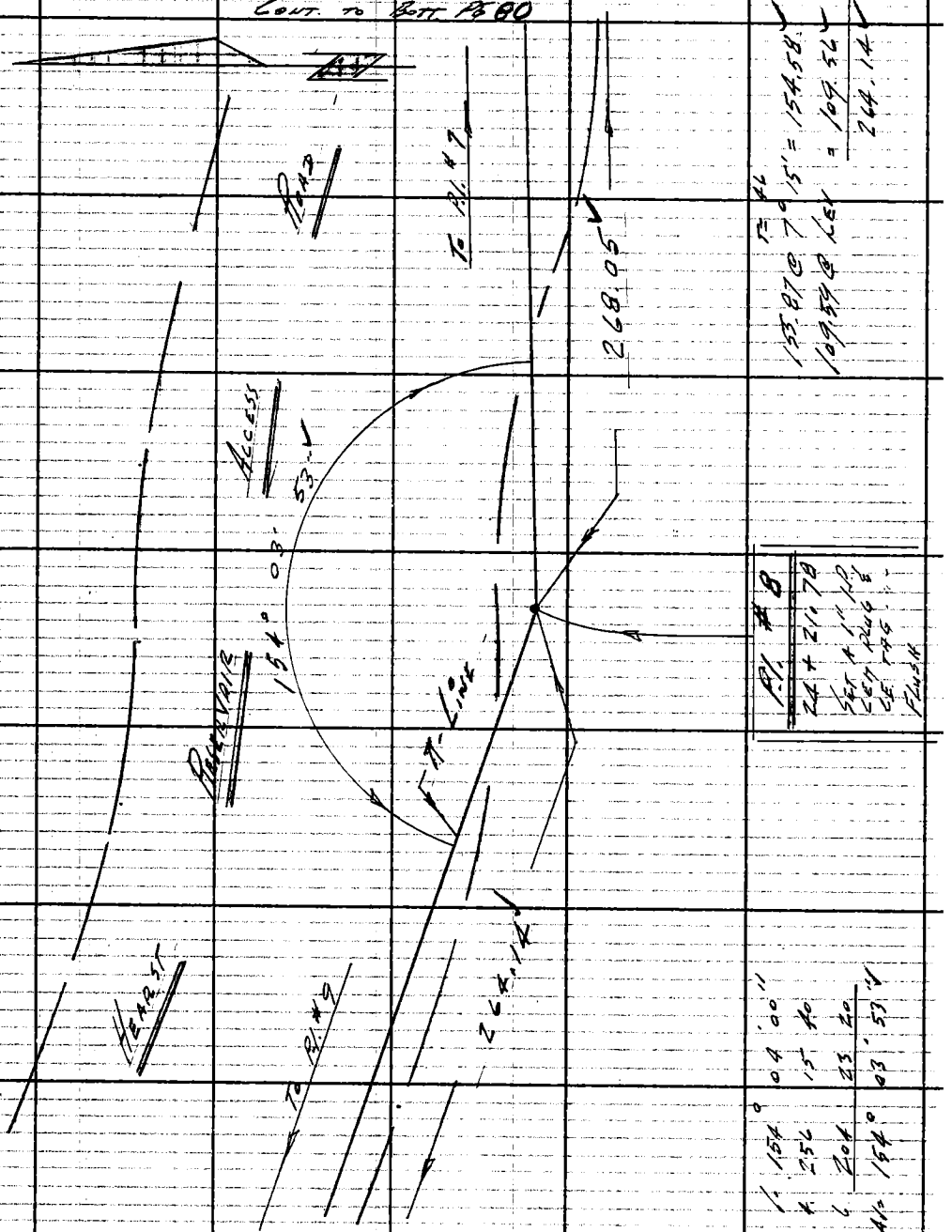
Notes Ck'd by C. RUBENACKER
Map No.
Office Work
Checked
Date

Survey of ITEC TUNA CYN. N.
J.N. 2303.00 Tape 161 Std 84 °F
Surveyed by LIND
Notes LIND Date 1-23-62
Indexed C. J. GALLI

F. B. 3105 Pg. 4481

CONT. TO BOTT. PG 80



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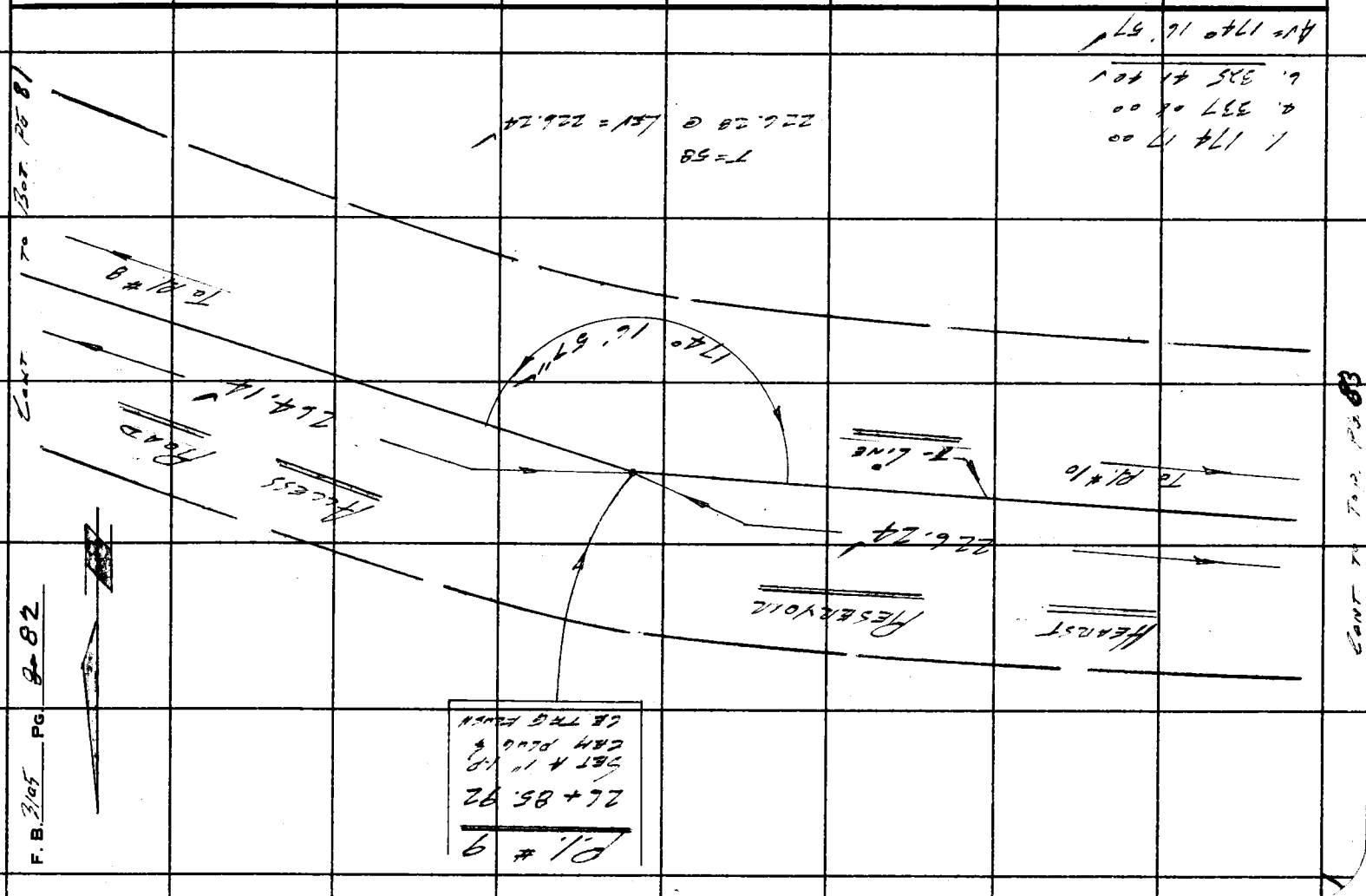
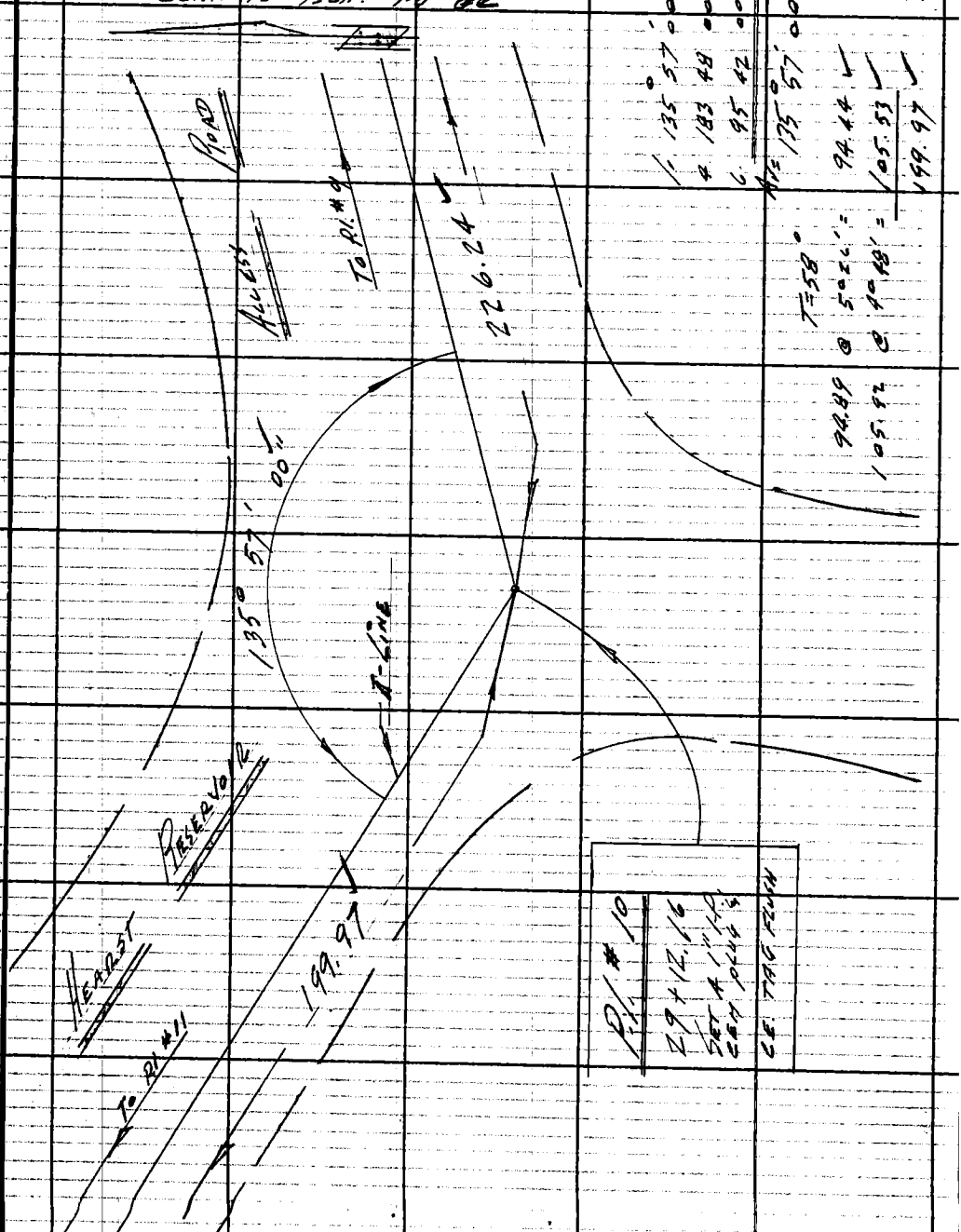


Notes Ck'd by C. RUBENACKER	Survey of ZIIC TUNA Cyn. N.	F. B. 3105 Pg. 81 83
Map No.	JN 0303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 1-23-63	
Date	Indexed C. J. GALLI	

Cont. to Bott. Pg 82



Cont on Bott Pg 84

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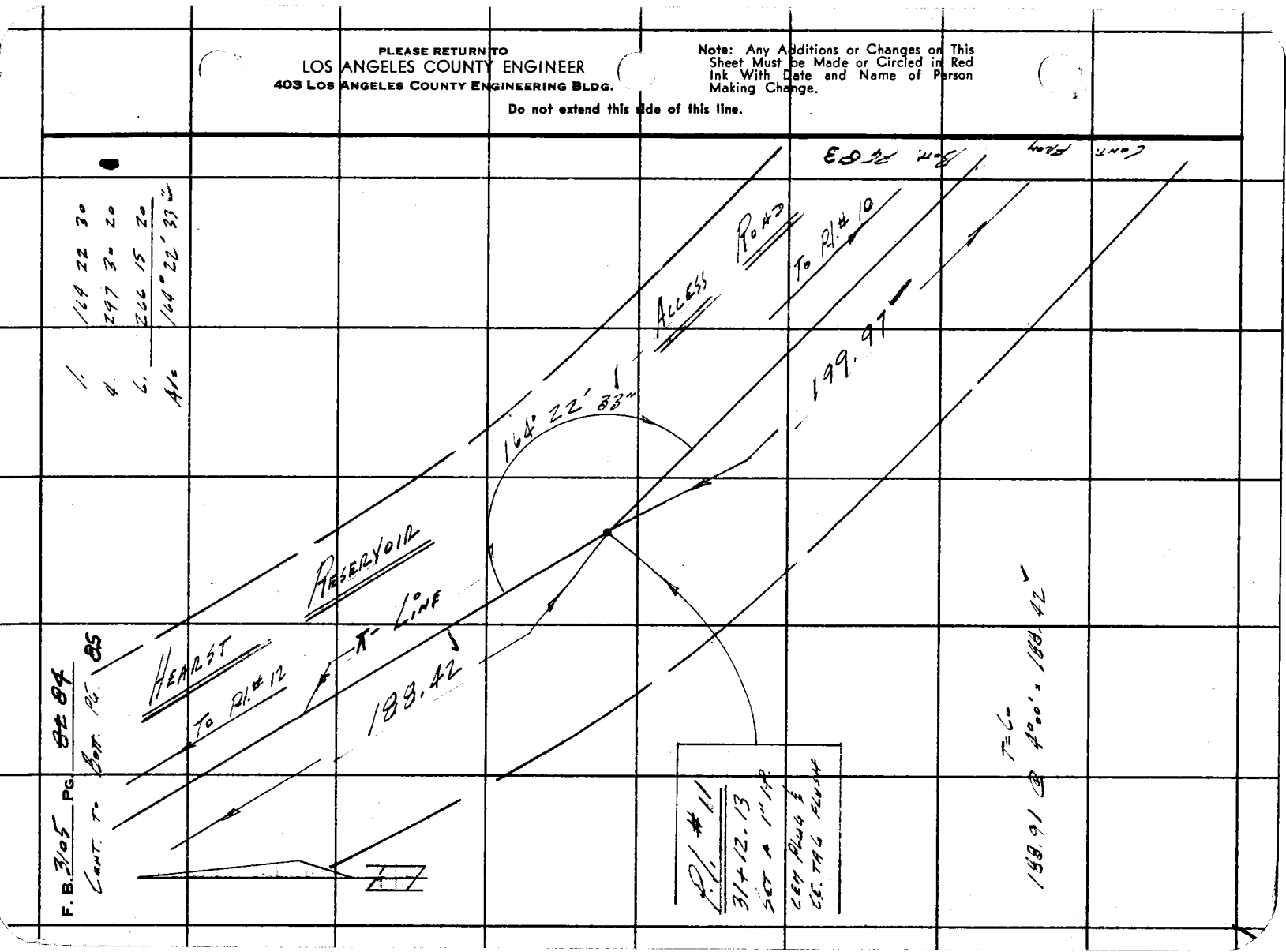
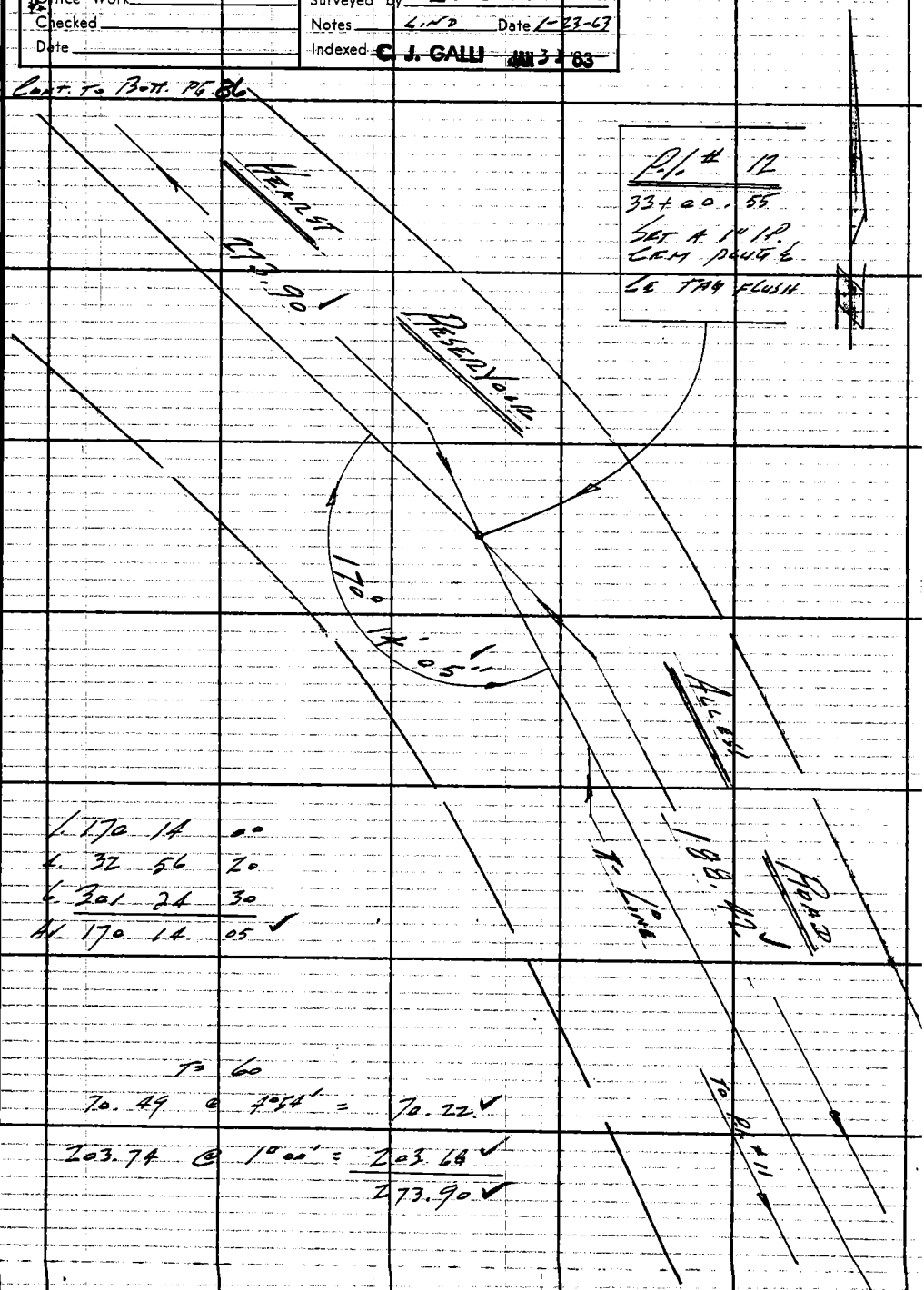


Notes Ck'd by C. RUBENACKER	Survey of ZIC TUNA CYN. N.	F. B. 3105 Pg. ~~83~~ 85
Map No.	JN 303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 1-23-63	
Date	Indexed C. J. GALLI JAN 31 '63	

Cont. to Bott. Pg 86



P.I. # 12
33+00.55
Set a 1" I.P. CEM plug & Ce tag flush

1.	170	14	00
4.	32	56	20
6.	301	24	30
Av.	170	14	05 ✓

T = 60

70.49 @ 4°54' = 70.22 ✓

203.74 @ 1°00' = 203.68 ✓

273.90 ✓

Cont from Top. Pg 84

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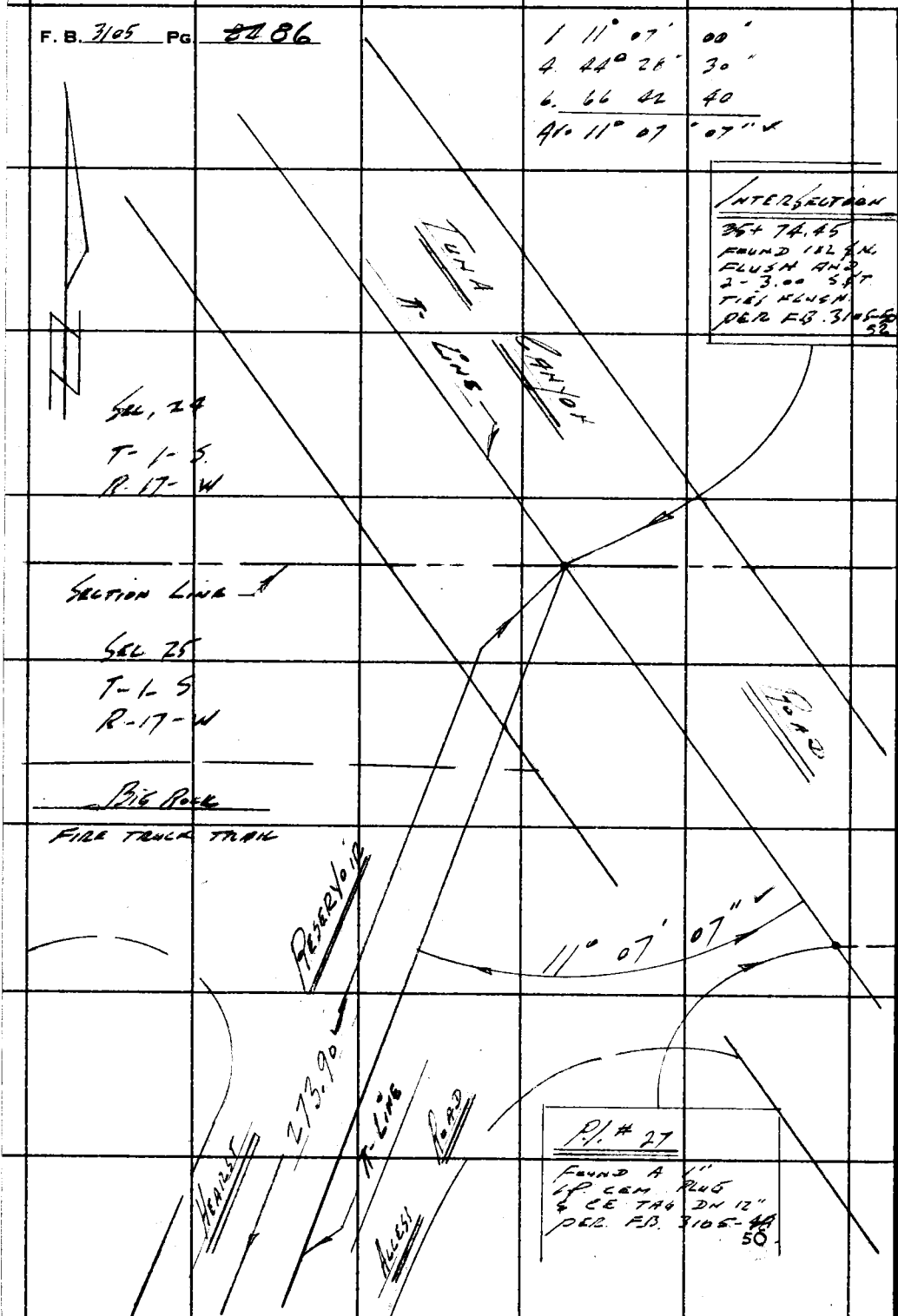
76F3095 CE # 310 3-61

F. B. 3105 PG. ~~84~~ 86



CONT. FROM T-P. PG 85

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Notes Ck'd by	Survey of Tuna Cyn Rd
Map No.	JN 5294.01 Tape Std °F
Office Work	Surveyed by C.K. Lind
Checked	Notes J. Maldonado Date 1-22-63
Date	Indexed J. GALLI JAN 31 63

F. B. 3105 PG. 8587

ZIIC TUNA CANYON NORTH

J.N. 5294.01

LOCATION OF HEARST RESERVOIR

ACCESS ROAD

For Control:

See F.B. 3105 Pgs 69-84

Lind
Maldonado
Rodriguez R.J.
Rodriguez R.R.

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F. B. 3105 Pg. 8688

Station	Off-set	Description
1+57.9	17° Lt.	Rt Edge of bank
	62° Lt	Lt. " " "
1+87.9	13° Lt.	Rt. " " "
	78° Lt	Lt. " " "
2+23.0	℄ Line	Rt. Edge of Rd.
	49° Lt.	Lt. Edge " "
P.T. 1 2+60.17	5° Lt	Lt. Edge of Rd.
	27° Rt	Rt. " " Rd.
3+61.12	1° Lt	Rt Edge of Rd.
	27° Lt	Lt. " " Rd.
4+12.?	11° Lt.	Rt. " " "
	32° Lt	Lt. " " "
4+49.2	21° Lt	Rt. " " "
	39° Lt	Lt. " " "
4+76.12	24° Lt	Rt. " " "
	42° Lt	Lt. " " "
5+75.2	℄ Line	Rt. " " "
	20.° Lt	Lt. " " "
6+15.2	6.° Rt.	Rt. " " "
	15° Lt	Lt. " " "
6+62.77 P.T. 3	2.5° Rt	Rt. " " "
	12° Lt	Lt. " " " & Bot of bank
7+58.8	0.5 Lt.	Lt. " " Rd. " " " "
	15° Rt.	Rt. " " "
7+87.6	15.° Rt.	Lt. " " "
	32° Rt	Rt. " " "
8+07.6	28° Rt	Lt. " " "
	470 Rt	Rt. " " "
8+54.6	43° Rt	Lt. " " "
	60° Rt	Rt. " " "
9+25.8	32° Rt.	Lt. " " "
	49° Rt	Rt. " " "
9+40.°	℄ Line	Lt. " " "
	19.° Rt.	Rt. " " "
10+00.2	6.° Rt	Rt. " " " & Bot. of bank
	11.° Lt	Lt. " " "

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

Survey of Tuna Cyn. Rd
JN 5274d Tape Std °F
Surveyed by C.K. Lind
Notes Maldonado Date 1-22-63
Indexed E. J. GALLI

F. B. 310 PG. #799

Station	Off-Set		Description
10+73.47 P.I.#3	0.5	Rt.	Rt. Edge of Rd. & Bot of Bank
	14.0	Lt.	Lt. " " "
11+27.8	4.5	Lt.	Lt. " " "
	12.5	Rt.	Rt. " " " & Toe of bank
12+02.4	8.0	Rt.	Rt. " " " " " " "
	8.5	Lt.	Lt. " " "
12+51.8	9.0	Rt.	Rt. " " " " " " "
	8.0	Lt.	Lt. " " "
13+00.83 P.I.#4	4.0	Lt.	" " " "
	12.0	Rt.	" " " " & " " " "
13+24.8	1.0	Rt.	" " " " & " " " "
	16.0	Lt.	Lt. " "
13+77.4	10.0	Lt.	Rt. " " "
	27.0	Lt.	Lt. " " "
14+50.4	17.0	Lt.	Lt. " " "
	4.0	Rt.	Rt. " " "
15+07.0	4.0	Lt.	Lt. " " " & bot & Top of bank
	14.0	Rt.	Rt. " " "
15+45.5	1.5	Rt.	Lt. " " " & " " " " "
	16.5	Rt.	Rt. " " "
15+91.0	1.0	Lt.	Lt. " " " bot of bank
	13	Rt.	Rt. " " "
16+58.68 P.I.#5	3.0	Rt.	Rt. " " " & " " " "
	13.5	Lt.	Lt. " " "
17+25.8	1.0	Lt.	Lt. " " " & " " "
	14.0	Rt.	Rt. " " "
17+98.9	2.0	Rt.	Rt. " " "
	13.0	Lt.	Lt. " " " & " " "
18+24.2	4.0	Lt.	Rt. " " "
	18.0	Lt.	Lt. " " " & " " "
18+79.76 P.I.#6	6.0	Rt.	Rt. " " "
	6.5	Lt.	Lt. " " " & " " "
19+52.7	8.0	Lt.	Lt. " " " & " " "
	6.0	Rt.	Rt. " " "

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Do not extend this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

7GF3095 CE # 310 1-61

+1

F. B. 3105 Pg. ~~88~~ 90

Station	Off-Set		Description
20+60.3	10°	Rt.	Rt. Edge of Rd
	40	Lt.	Lt. " " " E bot. of bank
21+13.4	7°	Rt.	Lt. " " Rd. & " " "
	19.5	Rt.	Rt. " " "
21+53.73 P.I. #7	6.0	Rt.	Lt. " " " & " " "
	18.0	Rt.	Rt. " " "
22+68.9	1.5	Rt.	Rt. " " "
	6.5	Lt.	Lt. " " "
23+36.1	7.0	Rt.	Rt. " " "
	3.0	Lt.	Lt. " " "
24+21.78 P.I. #8	2°	Rt.	Lt " " "
	14	Rt.	Rt. " " "
24+80.3	2.0	Lt.	Rt " " "
	15°	Lt.	Lt. " " "
25+76.4	8.5	Rt.	Rt. " " "
	5.0	Lt.	Lt. " " "
25+42.9	1°	Lt.	Lt. " " "
	13°	Rt.	Rt. " " "
P.I. #9 26+85.92	7°	Lt.	Lt. " " "
	8°	Rt.	Rt. " " "
28+12.2	7°	Lt.	Lt. " " "
	22°	Lt.	Lt. " " "
29+12.13 P.I. #10	22°	Rt.	Rt. " " "
	2.5	Lt.	Lt. " " "
30+06.6	2.5	Lt.	Lt. " " "
	12.0	Rt.	Rt. " " "
31+12.10 P.I. #13	6°	Rt.	Rt. " " "
	7°	Lt.	Lt. " " "
31+96.4	1°	Lt.	Lt. " " "
	5°	Rt.	Rt. " " "
33+30.5	6.0	Lt.	Lt. " " " & bot. of Top bank
	6°	Rt.	Rt. " " "
33+70.7	2°	Lt.	Lt " " " & " " "
	11°	Rt	Rt. " " "
34+15.5	13.0	Lt.	Lt. Edge of Rd. & E. Edge of Big Rock Fire Rd. joing So.
34+43.0	5°	Rt.	Rt. " " " & " " " Big Rock Fire Rd.
	15°	Lt.	W. Edge of Big Rock Fire Rd.

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

Survey of Tuna Cyn. Rd
JN 629401 Tape Std °F
Surveyed by C. R. Lind
Notes J. Maldonado Date 1-23-62
Indexed ~~S. J. GALLI~~

F. B. 3105 PG. ~~8991~~

Station	Offset	Description
34+48.°	24° Rt.	E. Edge of Big Rock Fire Rd & So. Edge of Tuna Cyn. Rd.
34+53.°	1.° Lt.	W. Edge " " " " Rd. & Gate Ent.
34+58.9	1° Rt.	Fire Hyd.
34+71.°	14° Rt.	N. Edge of Big Rock Fire Rd. & So. Edge of Tuna Cyn. Rd.

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76F3095 CE # 310 3-61

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F. B. 3105 PG. 92

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

Survey of Vision ST
JN 03-3.00 Tape 161 Std 64 °F
Surveyed by LIND
Notes LIND Date 1-21-63
Indexed E. J. CALLI MAR 8 '63

F. B. 3105 PG. 101

J.N. 03 03.00

ZEA FERNWOOD PARK

CENTER LINE CONTROL

FOR

VISION DRIVE

AND

PARKWAY TRAIL

1-24-63

LIND

MAL DONALDSON

RODRIGUEZ R.J.

RODRIGUEZ R.R.

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7GF3095 GE # 310 3-61

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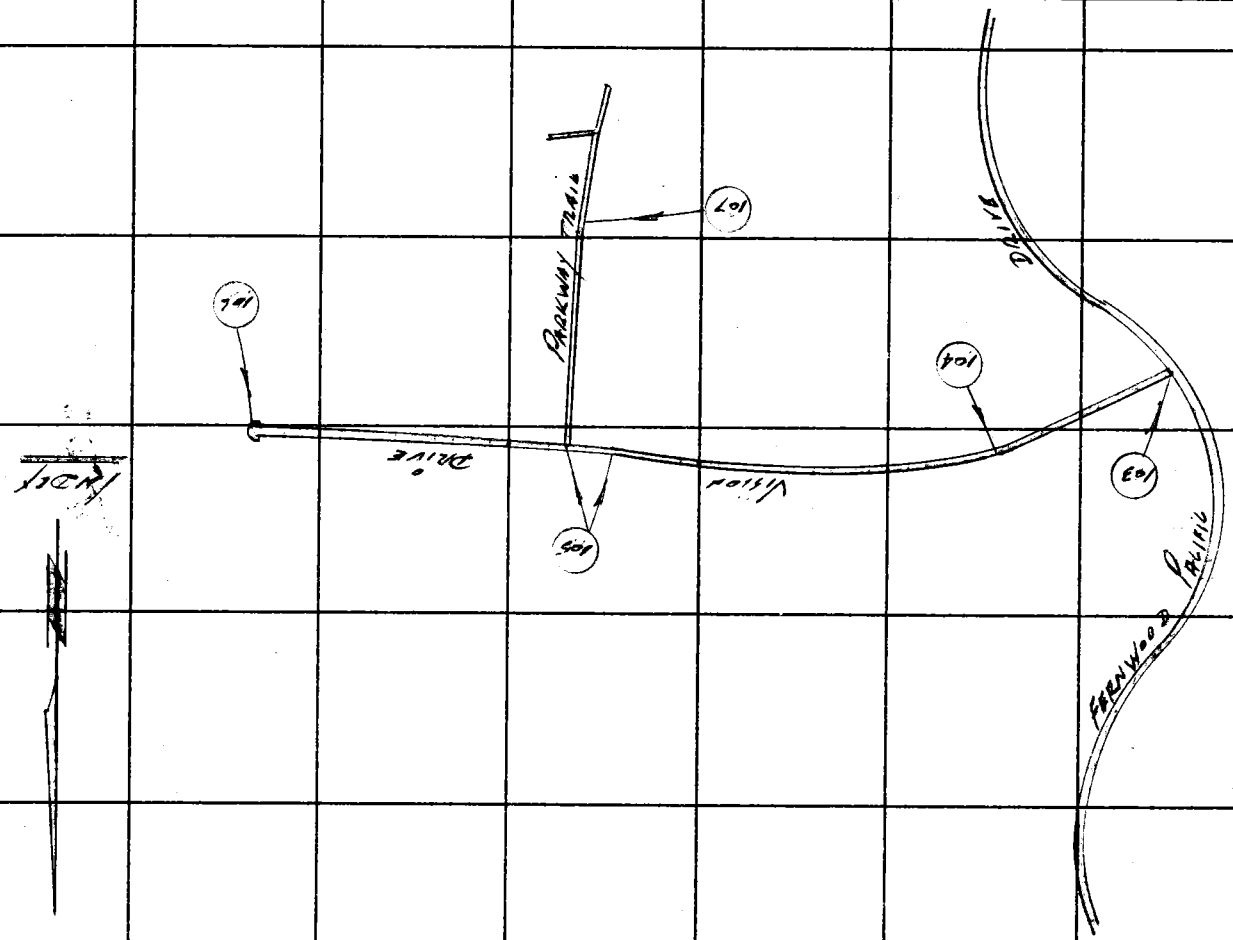
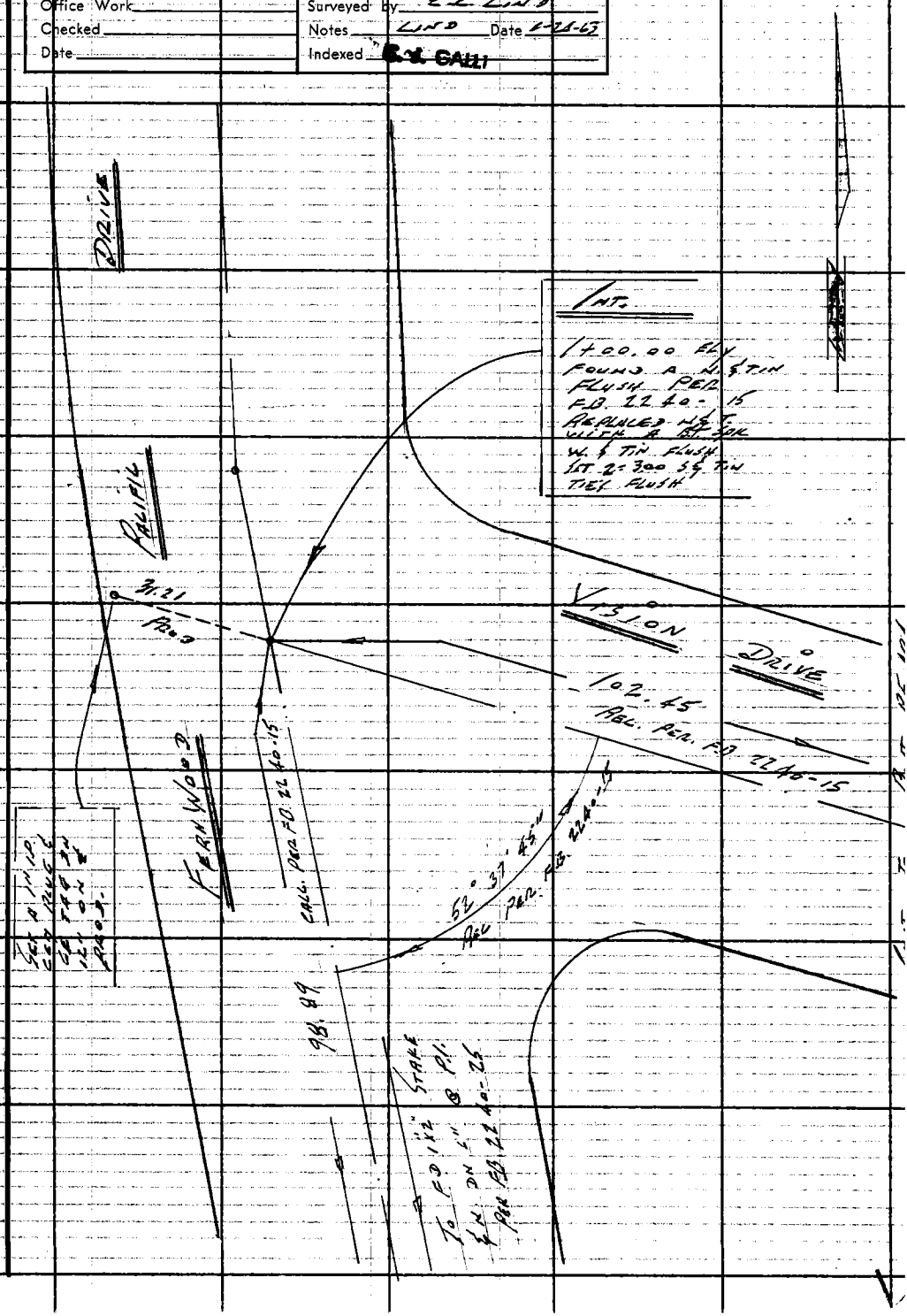


F. B. 3105 PG. 102

Notes Ck'd by	Survey of VISION DRIVE	F. B. 3125 PG. 163
Map No.	JN 0303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 1-28-63	
Date	Indexed B.J. GALLI	



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W.S. 89 C-3

76F3095 CE # 310 3-61

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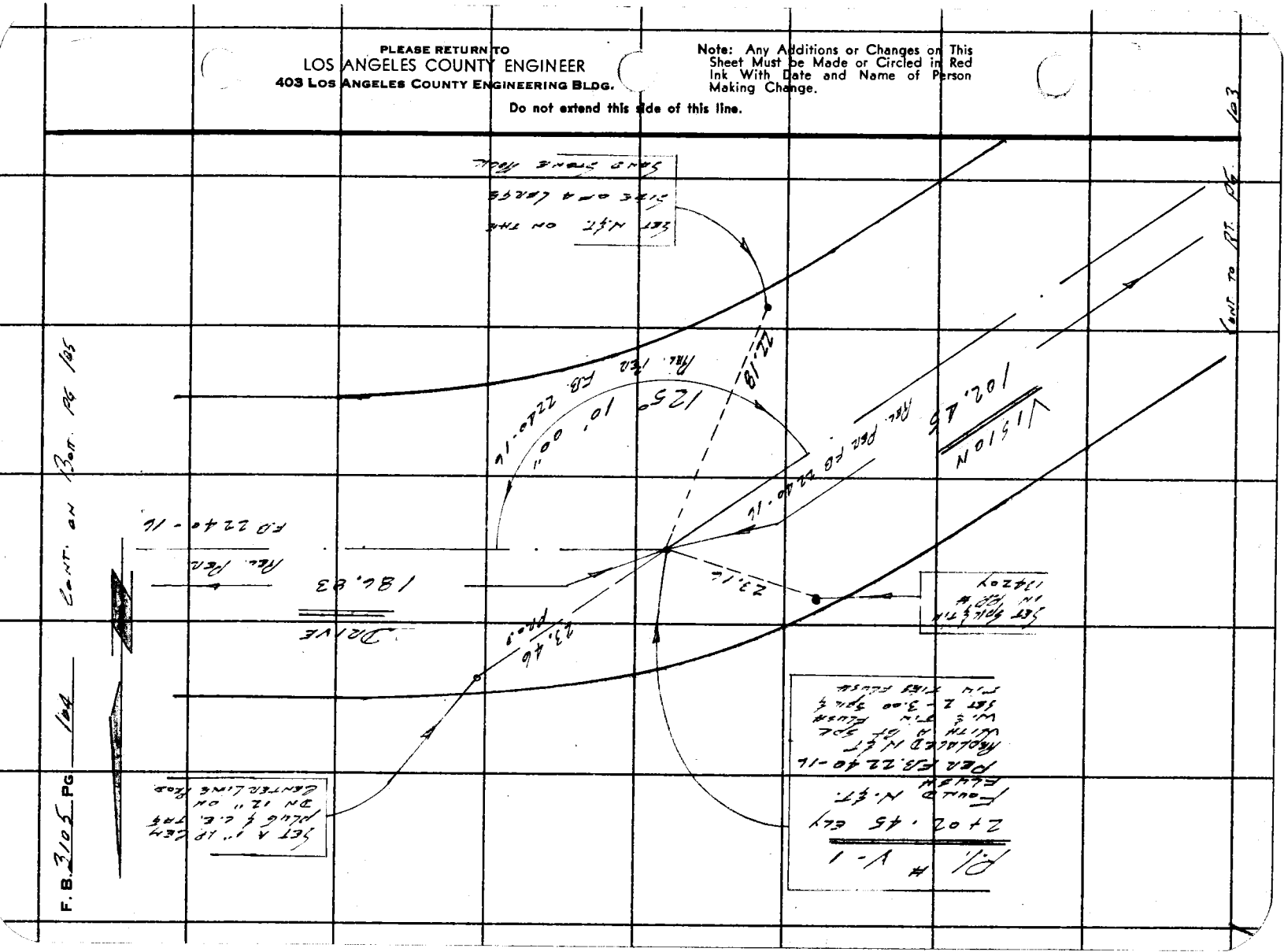
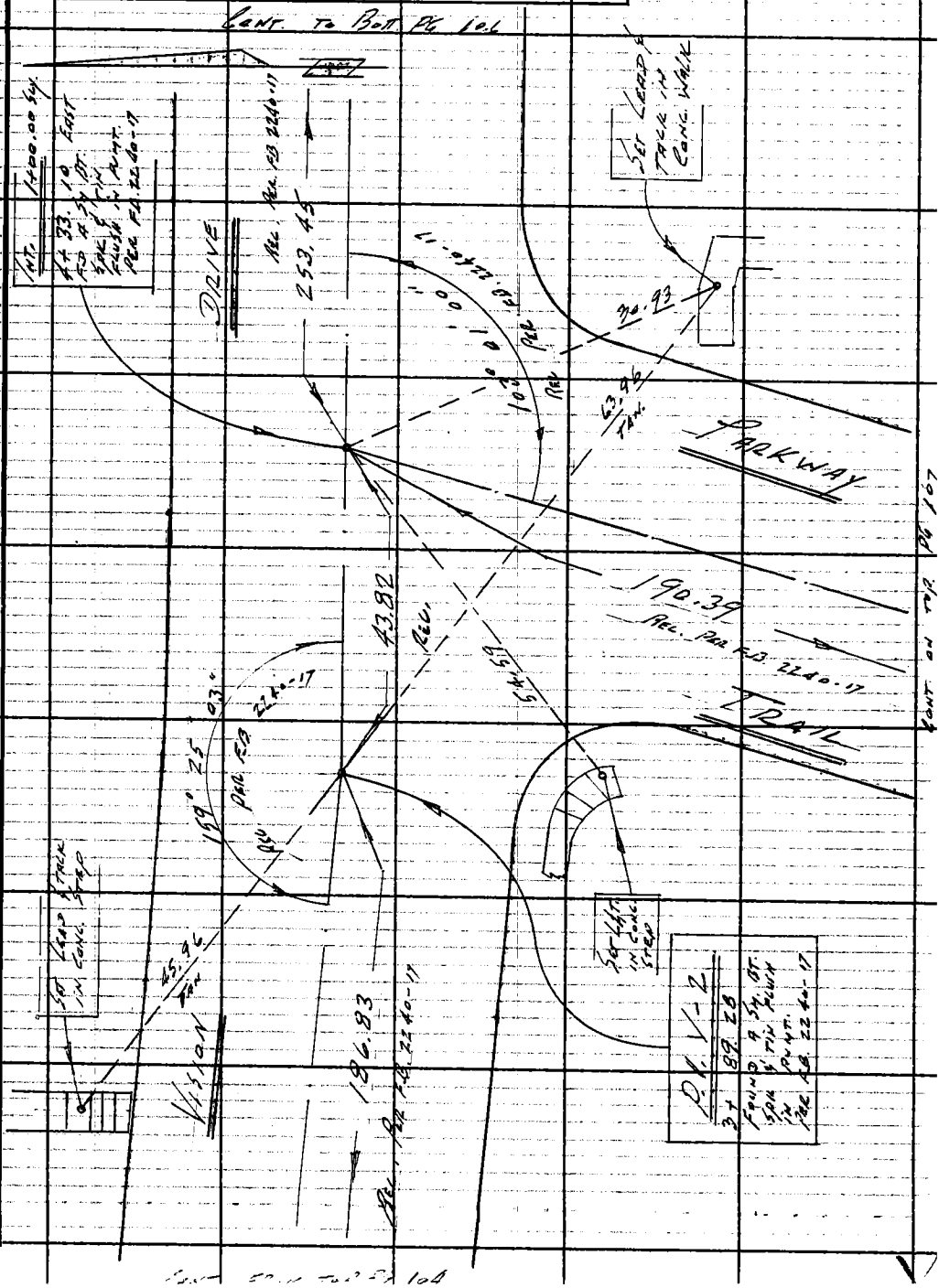


Notes Ck'd by	Survey of VISION DRIVE	F. B. 3105 PG. 105
Map No.	JN 0303.00 Tape 161 Std 34 °F	
Office Work	Surveyed by L.K. LIND	
Checked	Notes LIND Date 1-24-62	
Date	Indexed C. J. GALLI	



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W.S. 89 C-3

76F3095 CE # 310 3-61

F. B. 3105 PG. 106

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U.S. 89 C.3

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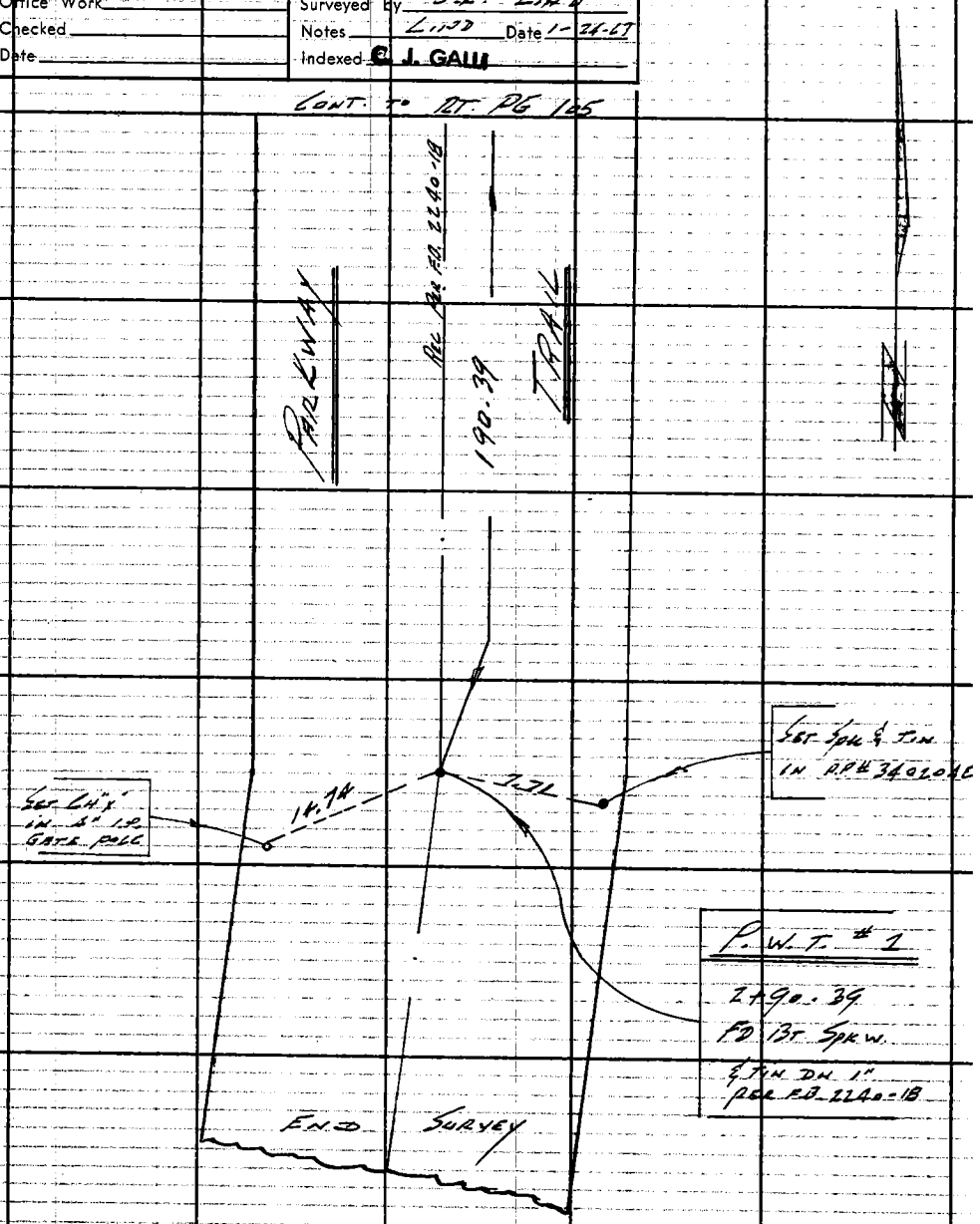
Cont To Top Pg 105

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

Survey of PARKWAY TRAIL
JN 0303.00 Tape 161 Std E/A °F
Surveyed by C.H. LIND
Notes LIND Date 1-24-67
Indexed E. J. GALLI

F. B. 3105 Pg. 107

CONT. TO RT. PG 105



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76F3098 CE # 310 1-61

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F. B. 3105 PG 108

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

Survey of Division St
JN 2215.14 Tape Std °F
Surveyed by C.K. Lind
Notes Maldonado Date 1-24-63
Indexed E. J. GALLI MAR 6 '68

F. B. 3106 Pg. 109

II A Fernwood Peak

J.N. 2215.14

Location of Improvements

Along

Vision Street

For Control;

See F.B. 3105, Pgs 101-107

C. K. Lind
J.M. Maldonado
R.J. Rodriguez
R.R. Rodriguez

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75F3098 CE # 310 3-61

F. B. 3105 PG. 110

Station	Off-Set		Description
1+12.0	12.0	Lt.	N. End C.R. of No. Curve (Edge Pvt.)
1+32.0	5.0	Lt.	E. " C.P. " " (" ")
1+32.0	17.0	Rt.	S " " " So. Curve (Edge Pvt.)
1+38.0	10.0	Rt.	E " " " So. " (" ")
1+50.0	8.0	Rt.	Bot. & Beginning of bank
	7.0	Lt.	Edge of Pvt.
	10.0	Lt.	Edge of bank.
1+75.0	5.0	Rt.	Edge of Pvt. & Toe of bank
	11.0	Lt.	Edge of Pvt.
P.I. #V-1 2+02.45	20.0	Lt.	" " bank
	10.0	Rt.	" " Pvt. & Toe bank
	8.0	Lt.	" " "
	15.0	Lt.	" " bank.
2+25.0	3.0	Rt.	" " Pvt. & Toe of bank
	14.0	Lt.	" " "
	22.0	Lt.	" " bank
2+50.0	1.0	Rt.	" " Pvt. & Toe of bank
	13.0	Lt.	" " "
	17.0	Lt.	" " bank
2+75.0	5.0	Rt.	" " Pvt.
	7.0	Rt.	Toe of bank
	11.0	Lt.	Edge of Pvt
	15.0	Lt.	" " bank
3+00	8.0	Rt.	" " Pvt.
	11.0	Rt.	" " bank
	5.0	Lt.	" " Pvt.
	7.0	Lt.	" " bank
3+25.0	14.0	Rt.	" " Pvt.
	17.0	Rt.	Toe of Slope
	0.5	Rt.	Lt. " Pvt.
	2.0	Lt.	Edge of bank
3+50.0	1.0	Rt.	Lt. Edge " Pvt & Top of bank
	14.0	Rt.	Edge of Pvt.
	16.0	Rt.	Toe of Slope
3+75.0	11.0	Rt.	Edge of Pvt.
	13.0	Rt.	Toe " bank
	2.0	Lt.	Edge " Pvt.
	5.0	Lt.	" " bank

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

Survey of Division 5th
JN 22 15 19 Tape Std °F
Surveyed by C.K. Lind
Notes J. Maldonado Date 1-24-63
Indexed B. J. GALLI

F. B. 3105 Pg. 111

Station	Off-set		Description
3+89.28 P.T. 1-2	8°	Rt.	Edge of Pvt
	10°	Rt.	Toe " bank
	7°	Lt.	Edge of Pvt
	9°	Lt.	" " bank
4+00.0°	9°	Rt.	Edge of Pvt. & Toe of bank. W. end C.R. So. Cor.
	6°	Lt.	" " " & W. Edge of Mac. Dr. to Ha# 19639
4+12.0°	19°	Rt.	Edge of Pvt & Toe of bank S. End C.R. So. Cor. of Parkway Trail
4+16.5°	6°	Lt.	" " " & E. Edge of Mac. Dr. to Ha# 19639
4+33.0°	10°	Rt.	Edge of Pvt. & E. Edge of Parkway Trail going South
	3°	Lt.	" " "
	6°	Lt.	" " bank & E. Edge of Parkway Trail
4+50°	8°	Rt.	" " Pvt
	10°	Rt.	Toe " Slope
	5°	Lt.	" " Pvt
	8°	Lt.	" " bank
4+75.0°	6°	Rt.	" " Pvt.
	9°	Rt.	Toe of bank
	6°	Lt.	Edge of Pvt
	11°	Lt.	" " bank
5+00.0°	5°	Rt.	" " Pvt. & Toe of Slope
	8°	Lt.	" " Pvt.
	14°	Lt.	" " bank
5+25.0°	8°	Rt.	" " Pvt. & Toe of Slope
	6°	Lt.	" " "
	11°	Lt.	" " bank
6+00.0°	10°	Rt.	" " Pvt.
	12°	Rt.	Toe of bank
	6°	Lt.	Edge " Pvt
	8°	Lt.	" " bank
6+50.0°	9°	Rt.	" " Pvt.
	11°	Rt.	" " bank
	10°	Lt.	" " Pvt.
6+52.7°	11°	Lt.	" " "
	26°	Lt.	Begin of 3' Picket Fence

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7GF3095 CE # 310 3-61

F. B. 3105 PG. 112

Station	Off-Set	Description
6+82°	9° Lt	Edge & End of Pavt
	10^{3} Rt.	
26+95^{5}	23° Lt.	End of 3' Picket Fence
	20^{5} Rt.	Edge of bank
7+17°	℄ Prod.	End of Vision St.

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

Survey of Parkway Trail
JN 2215.14 Tape Std °F
Surveyed by C.K. Lind
Notes Maldonado Date 1-24-63
Indexed B. J. GALLI

F. B. 3105 PG. 113

ZOA FERN WOOD PEAK

J.N. 2215.14

Location of Improvements

Along

Parkway Trail

For Control:

See FB. 3105 Pgs 101-107

C.K. Lind
J.M. Maldonado
R.J. Rodriguez
R.R. Rodriguez

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76 F3096 CE # 310 3-61

F. B. 3105 PG. 114

Station	Off Set		Description
1+15.5	6.5	Lt.	Beginning of 4' Wood Fence & Edge of dirt Rd.
1+35.0	13.0	Lt.	End of 4' Wood Fence & Begin. 2' Rock Wall Fence
1+50.0	6.0	Rt.	Edge of dirt Rd. & Toe of bank.
	17.0	Lt.	Edge " " "
1+56.7	19.0	Lt.	End of 2' Rock Wall Fence & Edge of dirt Rd.
1+54.8	8.5		4' wide Conc. Steps to No. 1172 Fernwood Pacific Dr.
2+00.0	6.5	Rt.	Edge of dirt Rd.
	11.0	Lt.	Edge of dirt Rd. & Edge of bank
2+50.0	11.0	Lt.	" " " & " " "
	6.0	Rt.	" " " "
2+90.2	7.5	Rt.	" " " "
	11.0	Rt.	Toe of bank
	6.0	Lt.	Edge of dirt Rd. & Top of bank

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Profile No. | Notes Red | Plotted | Job No. 2215.14 | Division No. 11 | F.B. 3105 | PG. 115
Date | Date | Survey of ZII A FERNWOOD PEAK
X-Sec. No. | Notes Chkd. | Checked | Survey by LIN-C | Notes LND | Date 1-25-63
Date | Date | Map No. | Indexed C. J. CALL | Date MAR 5 '63

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ZII A FERN WOOD PEAK

JN 2215.14

PROFILE LEVELS

ALONG

THE CENTER OF EXISTING PVMT.

ON

VISION DRIVE

STATION	B.S.	H.I.	F.S.	ELEV.
FOR CONTROL:				
			SEE FB. 3105, PGS 101-107	1-25-63
		LIND		
		MALDONADO		
	RODRIGUEZ RW			
	RODRIGUEZ RL			

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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Profile No. ___ X-Sec. No. ___
Plotted ___ Date ___ Checked ___ Date ___
Notes Red ___ Date ___ Notes Chkd. ___ Date ___
Division No. 11
Job No. 22U5.1A
Notes Line 5
Survey of Las Fernwood Drive
Survey by L.W.D. Notes C.J. GAIN Date
Indexed ___
2101 1/6

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE OF VISION DRIVE		
TBM	0 56	1091 85		1091.29	TBM; EL = 1091.287; PER FB 3108-25 A CH. "X" IN TOP END GUARD RAIL POST WEST END GUARD RAIL @ N.E. COR FERNWOOD PACIFIC DR & VISION DR		
1+00			7 52	1034 33	INT. FERNWOOD PACIFIC & VISION DR.		
1+10 ℄			7 12	1084 73	CTR PVMT. FERNWOOD PACIFIC ℄		
1+25 ℄			6 65	1095 20	5℄ RT		
1+50 ℄ T.P.	0 96	1091 93	1 88	1090 97	℄ =	CTR	PVMT
1+75 ℄			5 12	1076 81	4° Lt.	CTR	PVMT
2+02 45			9 43	1072 50	℄		PL V-1
TP	0 35	1070 74	11 54	1070 39			
2+25 ℄			1 94	1068 99	6° Lt.	CTR	PVT
2+50 ℄			5 30	1065 44	7° Lt.	"	"
2+75 ℄			8 66	1062 08	3℄ Lt	"	"
3+00			11 34	1059 90	3° Rt.	"	"
T.P.	0 49	1059 33	11 90	1059 34			
3+25			3 91	1055 42	5℄ Rt.	CTR	PVT.
3+50			6 75	1052 58	7° RT.	"	"
3+75			8 94	1050 39	3℄ RT	"	"

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF	VISION DR.
		1059 33				
3+89 28			10 22	1049 11	PL. V-2	
4+00 00			11 31	1048 02	2° RT. CTR	PVT.
T.P.	0 59	1048 67	11 25	1048 08		
4+33 10			5 15	1043 52	℄ INT. VISION DR. &	PARKWAY TRAIL
4+50			7 64	1041 03	1° RT. CTR	PVT.
4+75 TP	0 63	1038 21	11 09	1037 58	CTR PVT. ℄	
5+00			4 03	1034 18	1° LT. CTR	PVT.
5+ 25			8 16	1030 05	℄ "	"
T.P.	0 41	1027 15	11 47	1026 74		
5+50			1 23	1025 92	1° RT. CTR	PVT
5+75			5 12	1022 03	2° RT. "	"
6+00			8 58	1018 57	3° RT "	"
6+25			11 48	1015 67	3° RT "	"
T.P.	0 40	1015 97	11 58	1015 57		
6+50			3 60	1012 37	1° RT. CTR	PVT.
6+86.55			6 60	1009 37	RADIAL PT.	
7+10			6 76	1009 21	℄	
7+18 0			6 80	1009 17		END OF ROAD
TP			0 40	1015 57		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F.B. 3105 Pg. 117
X-Sec. No. ____ Date ____ Date ____ Survey of TOA FERNWOOD PEAK
Notes Chkd. ____ Checked ____ Survey by LINP Notes LINP Date 1-28-63
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	11 95	1027 52		1015 57		
T.P.	11 70	1038 39	083	1026 69		
T.P.	11 49	1049 02	086	1037 53		
4+33.10			550	1043 52	℄ INT. VISION DR & PARKWAY TRAIL	
			CONT. ON		PG 120	

Survey of ZOA FERNWOOD PHASE
Survey by LIND Notes LIND
Indexed C. J. [illegible] Date
Job No. 2215.12 Division No. 11 Notes Red Date Notes Chkd Date
Plotted Date Checked Date
Profile No. X-Sec. No.
3/25 118

Profile No. | Notes Red | Plotted | Job No. 2215.14 | Division No. 11 | F.B. 3105 | Pg. 119

X-Sec. No. | Notes Chkd. | Checked | Survey of ZZA FERNWOOD PEAK

Date | Date | Survey by LIND | Notes LIND | Date 1-24-63

Date | Date | Map No. | Indexed R. J. GALLI | Date MAR 8 '63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

STATION	B.S.	H.I.	F.S.	ELEV.
ZZA FERNWOOD PEAK				
LIN. 2215.14				
PROFILE LEVELS				
ALONG				
THE CENTER LINE				
OF				
PARKWAY TRAIL				
FOR CONTROL;				
SEE FB. 3105 PGS 101-107				
		1-28-63		
		LIND		
		MALDONADO		
		RODRIGUEZ R.J.		
		RODRIGUEZ L.L.		

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE OF PARKWAY TRAIL
1+00.00		CONT.	FROM	PG	103
T.P.	11 95	1055 47		1043 52	℄ INT. VISION DRIVE & PARKWAY TRAIL
1+[illegible]			10 98	1044 49	℄
1+2[illegible]			97	1045 9	BRK ℄ "
1+50			82	1047 3	" ℄ "
2+00			43	1051 2	℄
2+50			25	1053 0	℄
2+70°			23	1053 2	BRK ℄
2+90 39			31	1052 4	P.W.T. #1
T.P.	11 94	1055 4[illegible]	11 95	1043 52	
T.P.	11 54	1066 73	0 27	1055 19	
T.P.	11 70	1077 81	0 62	1066 11	
T.P.	11 51	1088 39	0 93	1076 88	
T.P.	7 71	1092 08	4 02	1084 37	
			0 79		
TBM				1091 29	TBM EL= 1091.287 PER FB 3108-25
					A CH "X" IN TOP END GUARD RAIL
					POST WEST END GUARD RAIL
					@ N.E. COL. FERNWOOD PACIFIC DR
					& VISION DR.

F.B. 3[illegible] PG. 170 Job No. [illegible] Division No. 11 Notes Red Plotted Profile
Survey of I & A FERNWOOD PARK Date Date No.
Survey by LIND Notes Chkd. Checked X-Sec.
Indexed C. J. GAMM Date Date No.

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

Survey of ZIA FERNWOOD PEAK
J.N. #303.00 Tape 1/61 Std. 84 °F.
Surveyed by LIND
Notes LIND Date 1-28-63
Indexed C. J. CALLI
MAR 8 '88

F. B. 3105 PG. 161

J.N. 0303,00

ZIA FERNWOOD PEAK

CENTER LINE CONTROL

ALONG

BOWERS DRIVE

FROM: WEBB DRIVE ALY.

TO: CUL-DE-SAC

1-29-63

LIND.

MALDONADO

RODRIGUEZ R.A.

RODRIGUEZ R.R.

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76E3095 GE # 310 3-61

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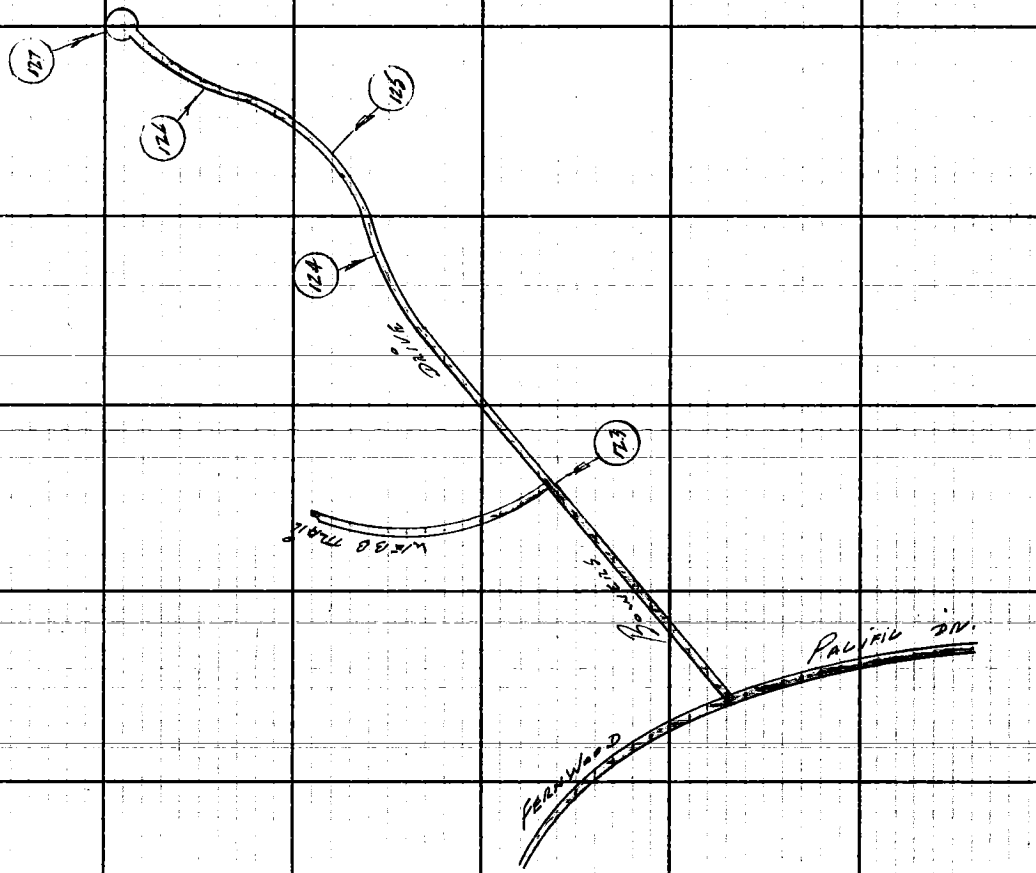
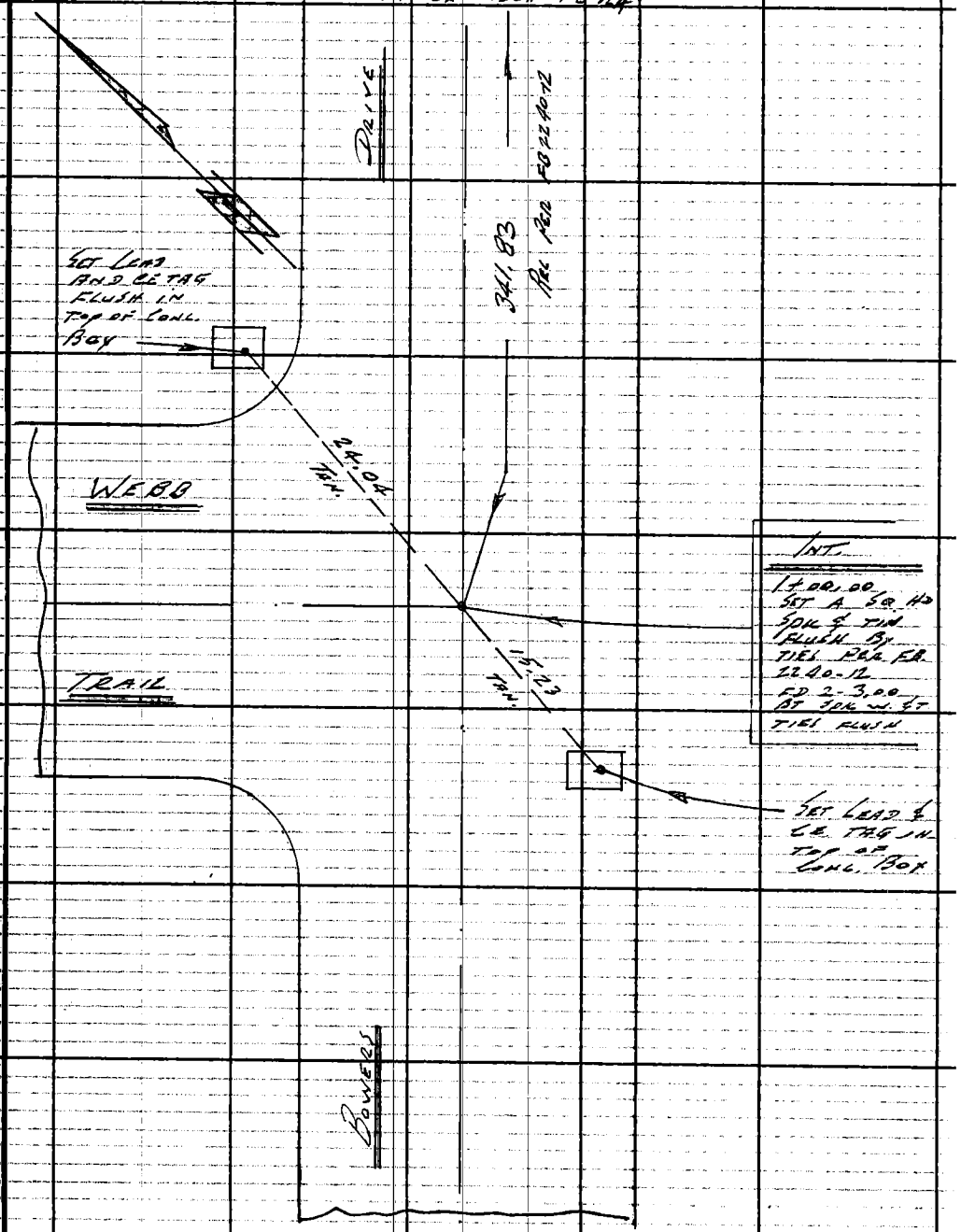


F. B. 3105 Pg. 122

Notes Ck'd by	Survey of 2 II 4 FERNWOOD PEAK	F. B. 3105 PG. 123
Map No.	JN 030300 Tape 161 Std 94 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 1-29-63	
Date	Indexed C. J. GALLI	

CONT ON BOTT PG 124



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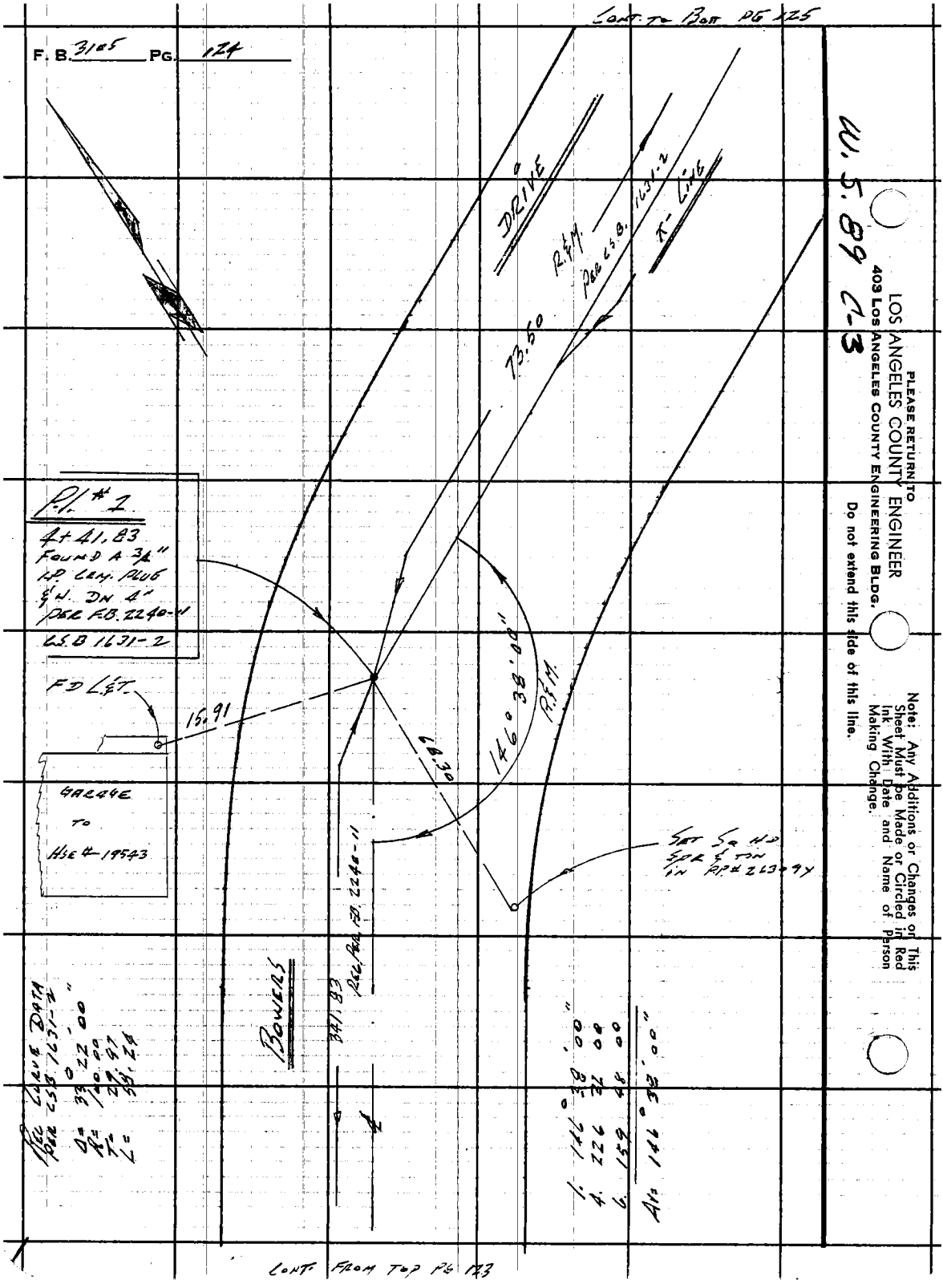
W.S. 89 C-3

76F3095 CE # 310 3-61



CONT. TO BOTT PG 125
F. B. 3105 PG. 124
W. S. 89 C-3
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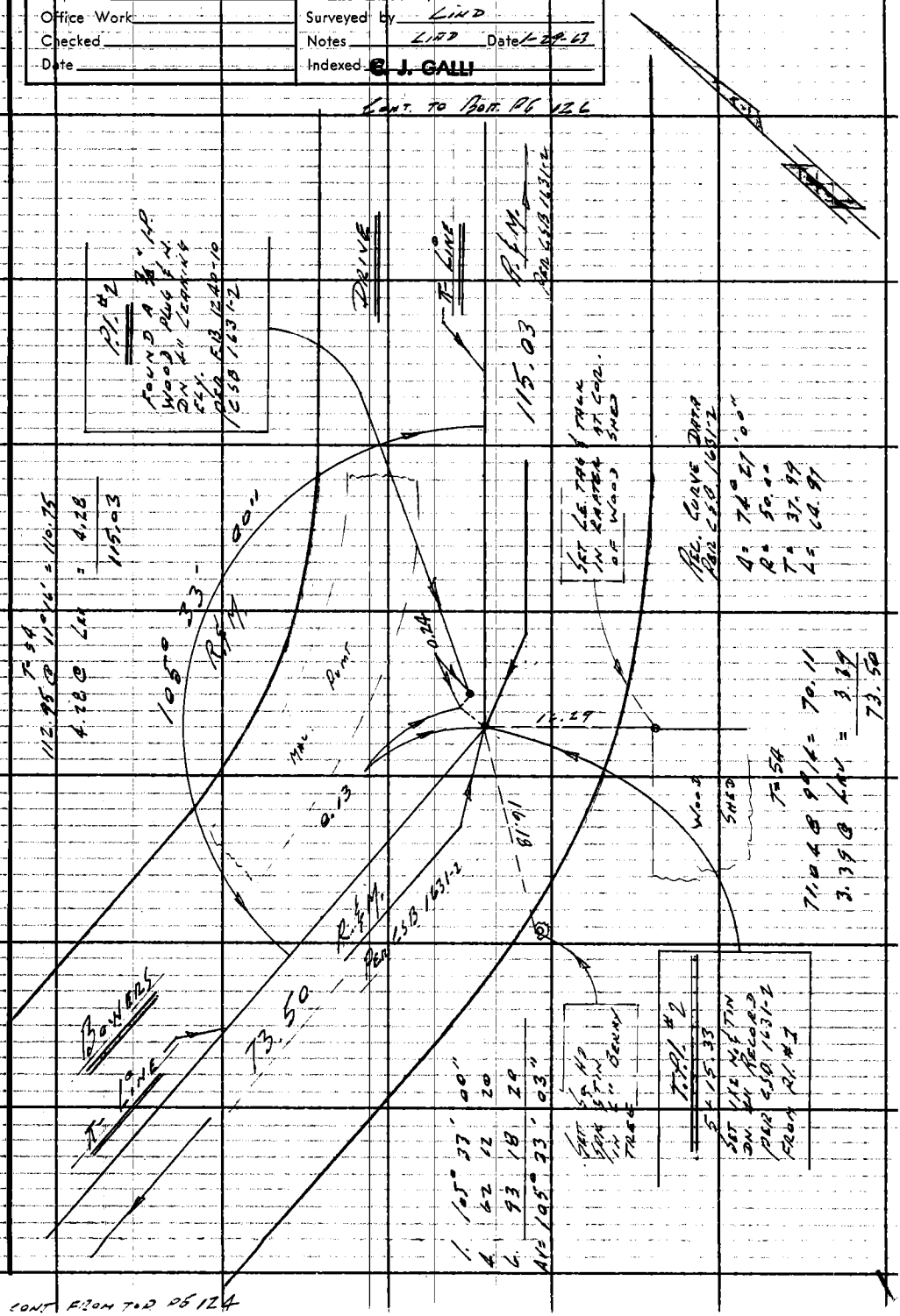
DRIVE
R&M
PER C.S.B. 1631-2
X-LINE
73.50
P.I. #1
4+41.83
FOUND A 3/4" I.P. CEM. PLUG & W. DN 4"
PER F.B. 2240-11
C.S.B 1631-2
FD L&T
15.91
GARAGE TO HSE # 19543
68.30
146° 38' 00"
R&M
SET SQ HD SPK & TIN IN PP# 2630-9Y
BOWERS
341.83
REC PER F.B. 2240-11
REC CURVE DATA PER C.S.B. 1631-2
Δ= 33° 22' 00"
R= 100.00
T= 29.97
L= 58.24
1. 146° 38' 00"
4. 226 32 00
6. 159 48 00
AV= 146° 38' 00"
CONT. FROM TOP PG 123

Notes Ck'd by	Survey of ZRA FERNWOOD PEAK	F. B. 3105 PG. 125
Map No.	JN 03-3.00 Tape 161 Std 86 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 1-29-63	
Date	Indexed C. J. GALLI	

CONT. TO BOTT. PG 126



CONT FROM TOP PG 124

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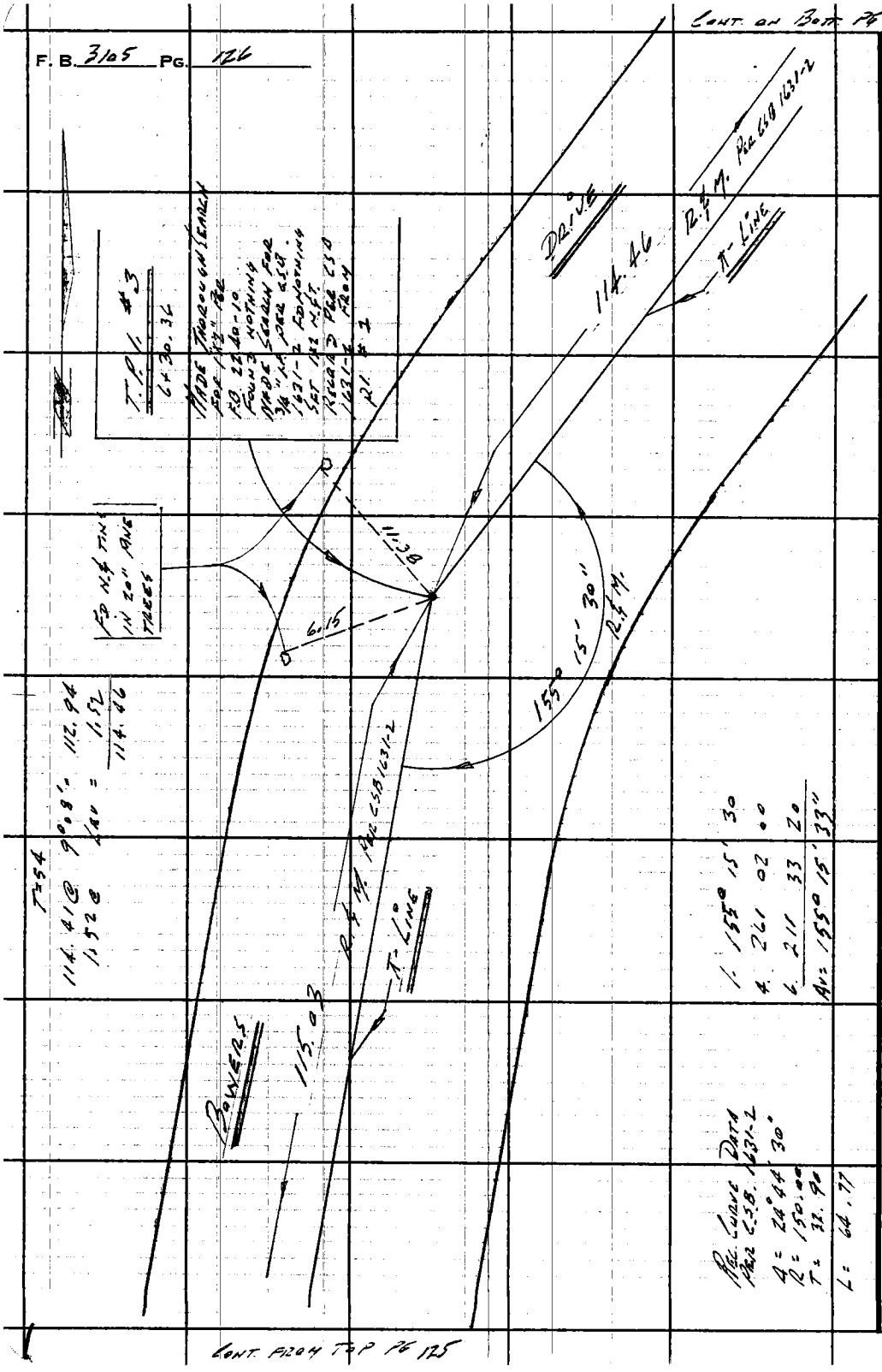
76F3095 CE # 310 3-61

CONT. ON BOTT. PG 127

F. B. 3105 PG. 126



CONT. FROM TOP PG 125

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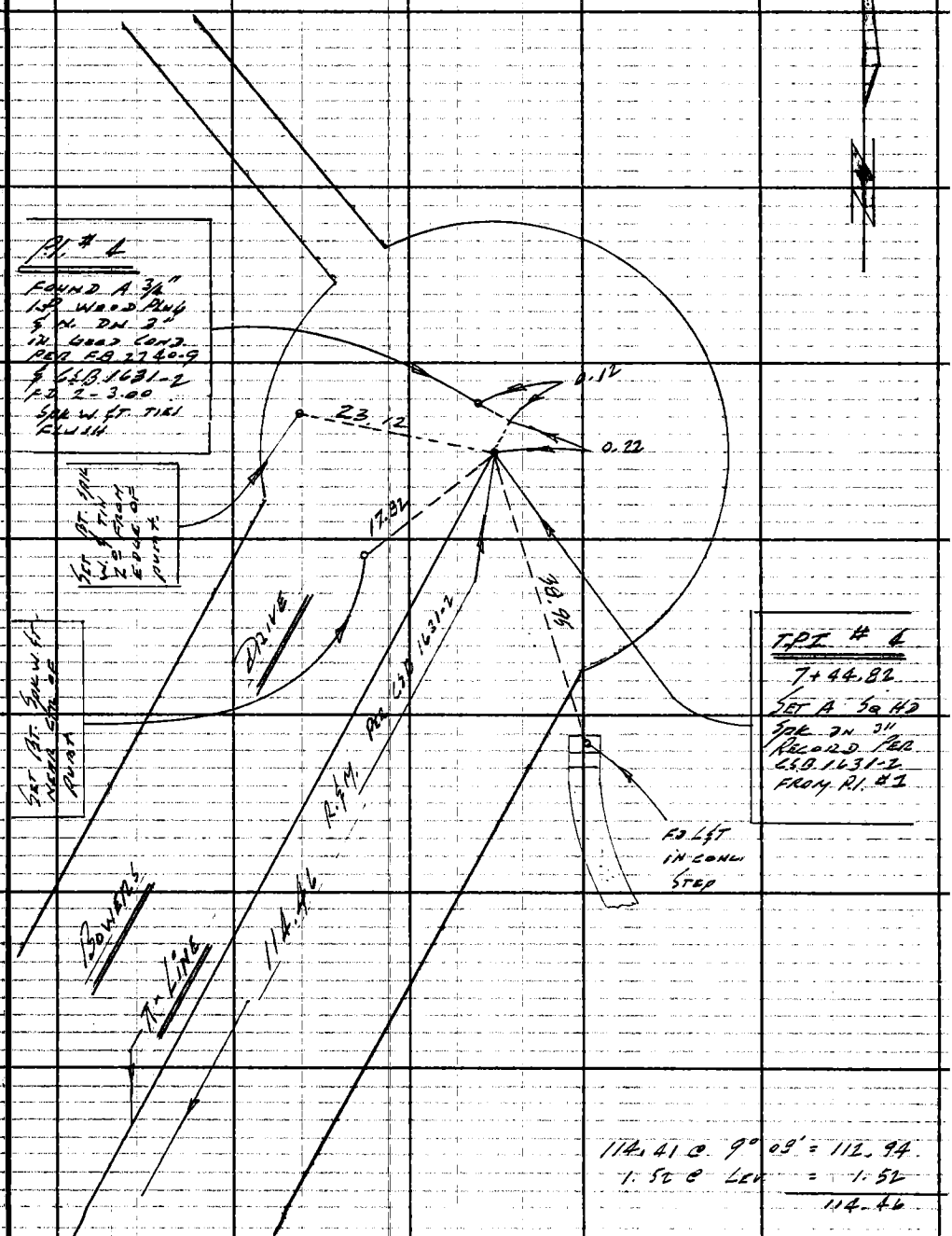
Notes Ck'd by	Survey of IIIA FELLNWOOD PEAK
Map No.	JN 0303.00 Tape 161 Std 34 °F
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 1-29-63
Date	Indexed C. J. GALLI

F. B. 3105 PG. 127



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U.S. 89 C-3

76F3095 CE # 310 3-61

CONT FROM TOP PG 126

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F. B. 3105 PG. 119

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

Survey of ZII A Fernwood Peak F. B. 3105 Pg. 129
JN 2215.14 Tape Std °F
Surveyed by C.K. Lind
Notes J. Maldonado Date 1-29-63
Indexed B. J. GALLI MAR 5 '63

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ZII A FERNWOOD PEAK

J.N. 2215.14

LOCATION OF IMPROVEMENTS

ALONG

BOWERS DRIVE

FOR CONTROL:
See F.B. 3105
Pgs. 121-128

C.K. Lind
J. Maldonado
R.J. Rodriguez
R.R. Rodriguez

76F3095 CE # 310 3-61

F. B. 3105 PG. 130

Station	Off-Set		Description
0+65.5	8.0	Lt	B.C.R. of West Curve of Webb Tr.
0+88.2	22.0	Lt.	E.C.R. of " " " " "
0+90.0	12.0	Rt	3x3 Conc. slab over 18" Corr. Iron Culvert (Begin)
1+02.4	23.0	Lt	BCR of East Curve
1+08.0	19.7	Lt	4' Ch. Link Fence
1+11.0	18.0	Lt.	18" Corr. Iron Culvert. (End)
1+12.0	15.0	Lt.	14" Pepper Tree
1+10.5	15.0	Rt.	Begin of 6' Ivy Fence
1+19.2	11.0	Lt.	4' Chain Link Fence
1+42.8	11.0	Lt.	End 4' Ch. Link "
1+53.4	16.0	Rt.	End of 6' Ivy Fence & Begin 4' Woven Wire Fence
1+60.8	10.4	Lt	3' Conc Walk
1+74.8	17.0	Rt.	End of 4' Woven Wire Fence
1+74.8	16.0	Rt.	Begin " 3' " " "
1+89.0	10.7	Lt.	8" Conc. Curbing
1+92.5	13.0	Lt	Wood Frame Garage
2+00.6	10.6 Lt & 12.5	Rt.	Edge Pvmt.
2+17.0	11.7	Lt.	" " " & Begin of 4' Ch. Link
2+55.0	14.0	Rt	End of 3' Woven Wire Fence
2+55.0	14.0	Rt.	Begin 4' Combination Brick & Wood Picket Fence
2+56.0	14.0	Rt.	P. Pole #4899
2+61.0	13.0		Water Meter
2+88.8	14.5		End of Combination Brick & Picket Fence
2+95.0	15.0		" " 4' Ch. Link Fence & Begin of 4' Rock Wall
3+00	10.6	Lt	Edge of Pvt.
"	12.5	Rt	" "
3+12.6	14.5	Lt	Bigin of 4' Conc. Walk
3+21.5	9.0	Lt.	End " " " "
3+22.6	13.0	Lt.	End of of 4' Rock Wall & Wood Fr. Garage
3+35.1	15.0	Lt.	Wood Fr. Grge.
3+52.0	13.5	Rt.	Begin 4' Picket Fence & Water Meter
3+75.6	9.5	Lt.	Begin of 3' Rock Ret. Wall & 4' Conc Walk
3+75.0	13.5	Rt.	Tel. Pole # 26309Y
4+00	6.0	Lt.	Edge of Pvmt.
	14.0	Rt.	" " "
4+22.5	13.0	Lt	End 3' Rock Ret. Wall & 10' Wide Wood Fr. Garage
4+22.5	2.0	Lt.	12' Wide Conc Dr. (Poor Cond.)
4+75.0	3.0	Rt.	Lt. Edge of Pvt.
"	19.5	Rt.	Rt " " "

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

Survey of Z #A Fernwood Park
JN 2215 14 Tape Std °F.
Surveyed by C.K. Lind
Notes J. Maldonado Date 1-30-63
Indexed J. OAU!

F. B. 3105 PG. 131

Station	Off-set		Description
4+41.83	8.0	Rt.	Top & Toe of Bank
4+61.0	On Line		Toe & Top of Bank.
4+67.0	"	"	Lt. Edge of Pvmt.
4+75.0	4.0	Lt.	" " " "
	11.0	Rt.	Rt. " " "
4+94.0	On Line		Rt. " " "
5+00	5.0	Lt.	Rt. " " "
	19.0	Lt.	Lt. " " "
5+15.33	20.0	Lt.	Rt. " " "
	42.0	Lt.	Lt. " " "
5+50.0	On Line		Rt. " " "
	10.0	Rt.	P. Pole # 26310Y
	12.0	Lt.	Lt. Edge of Pvt.
5+57.0	12.0	Lt.	Guy Pole
5+54.0	16.0	Lt.	3' Wood Rail Fence
5+61.0	10.0	Lt.	2' Conc. Walk
5+75.0	7.0	Rt.	Edge of Pvt.
	15.0	Rt.	Top of Bank
	5.0	Lt.	Lt. Edge of Pvt.
6+00	8.0	Lt.	End of 3' Wood Rail Fence
	On Line		Lt. Edge of Pvt.
	12.0	Rt.	Rt. " " "
	17.0	Rt.	Rt. " " Bank
	On Line		Toe of Bank
6+15.0	3.0	Lt.	Gas Meter
	4.0	Rt.	Lt. Edge of Pvt.
	15.0	Rt.	Edge of Pvt.
	22.0	Rt.	" " bank
6+30.36	4.0	Lt.	3' Wood Rail Fence
	6.0	Rt.	Rt. Edge of Pvt.
	19.0	Rt.	Lt. " " "
	23.0	Rt.	Rt. Top " bank
6+39.4	2.0	Rt.	Rt. Edge of 3' Conc. brick Ret. Wall
6+41.4	On Line		" " " "

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76F3095 GE # 310 1-61

F. B. 3105 PG. 132

Station	Off-Set		Description
6+45.4	4.0	Lt.	Lt. Edge of 3' conc. brick wall
6+50.0	1.0	Rt.	Lt. Edge of Pvt.
	15.0	Rt.	Rt. " " "
	19.6	Rt.	Edge of bank
6+63.0	10.0	Lt.	20" Pine Tree
6+66.0	on Line		Lt. Edge of Pvt.
6+75.0	2.0	Lt.	Lt. " " "
	11.0	Rt.	Rt. " " "
6+77.0	14.0	Rt.	Guy Wire
6+82.0	13.0	Rt.	W. Meter
6+82.5	14.3	Rt.	Begin of a 1' to 3' dimin'g. Ret. conc. brick wall
6+92.0	14.0	Rt.	Angle Pt. on " " " "
7+00	10.5	Rt.	Edge of Pvt.
	14.3	Rt.	1' to 3' dimin'g. Conc. Brick Ret. wall
	9.3	Lt.	Edge of Pvt.
7+07.0	12.0	Rt.	" " "
	15.2	Rt.	End of 1' to 3' dimin'g. Conc. brick Ret. Wall
	11.0	Lt.	Edge of Pvt.
7+25.0	15.0	Rt.	" " "
	15.0	Lt.	" " "
7+44.82	7.0	Lt.	" " "
	12.0	Rt.	" " "
7+48.82	on Line		End of Cul-de-sac

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Profile No. | Notes Red | Plotted | Job No. 2215.14 | Division No. II | F.B. 3105 | Pg. 133
Date | Date | Survey of ZTC FERNWOOD PEAK
X-Sec. No. | Notes Chkd. | Checked | Survey by LIND | Notes LIND | Date 1-30-63
Date | Date | Map No. | Indexed E. J. GALLI | Date MAR 8 '63

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J.N. 2215.14

FERNWOOD PEAK

PROFILE LEVELS

ALONG

THE CENTER OF PUNT

OF

BOWERS DRIVE

STATION	B.S.	H.I.	F.S.	ELEV.
				FROM: WEBB TRAIL INLY,
				TO: CUL DE SAC
			FOR CONTROL SEE F.B. 3105 - PGS 121-128	
		1-30-63 LIND		
	MALDONADO			
	RODRIGUEZ R.J			
	RODRIGUEZ R.R			

76-L295 CE 307 3-61

76-L298 CE 307 3-61

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F. B. 3105 Pg. 134 | Job No. [illegible] | Division No. 11 | Notes Red | Plotted | Profile
Survey of ZEST [illegible] | Date | No.
Survey by [illegible] | Notes | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE OF BOWERS	DRIVE
T.B.M.	094	1061 0		1060.09	T.B.M., EL = 1060.093, REF. E.I. 3108-25	
T.P.	057	1050 3	11 29	1049 74	BT. SPK. W. & TIN IN P.P. & 1199237 E 4.08"	
T.P.	087	1039 55	11 63	1038 68	S.E. COR. FERNWOOD	PACIFIC DR. &
T.P.	067	1028 62	11 56	1027 99	BOWERS DR.	
T.P.	105	1018 36	11 36	1017 31		
1+00.00			201	1016 35		3' Rt. ctr. Pvmt.
1+50.00			685	1011 50		3' Rt. " "
1+98.0 T.P.	064	1007 57	11 43	1006 93	T.P. Sq. Hd.	
2+00			081	1006 76		3' Rt " "
2+50			651	1001 06		2' Rt " "
T.P.	090	997 16	1131	996 26		
3+00			204	995 12		2' Rt. " "
3+50			709	990 07		3' Rt "
T.P.	079	986 20	11 75	985 41		
4+00			074	985 46	6° Rt. CTR.	Pvmt
4+41.8			560	980 60	16° Rt "	" 90° TO BASE LINE
4+75°			932	976 88	4° Rt "	"
T.P.	054	976 47	11 27	974 93		
5+00			398	971 49	12° Lt. CTR	Pvt.
5+50			1064	964 83	5° Lt "	"
T.P.	052	964 61	11 38	963 09		

76-L298 CE 307 3-61

(START 95)

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STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF BOWERS DRIVE		
TP		964 61					
5+75°			5 40	959 21	2° RT	CTR	PVT.
6+00°			10 54	954 07	6° RT.	"	"
T.P.	0 69	953 72	11 58	953 03			
6+50		946 59	7 94	945 78	8° RT.	CTR	PVT
T.P.	0 81	943 35	11 18	942 54			
6+75			1 95	941 40	5° RT.	CTR	PVT
7+00			5 89	937 46	3° RT.		
7+25			9 14	934 21			π-LINE
7+44.8			11 31	932 04	2° LT		END PVT.
7+55			11 5	931 9			END ROAD
TP	11 93	954 48	0 80	942 55			
T.P.	11 87	964 92	1 43	953 05			
T.P.	11 64	975 74	0 82	964 10			
T.P.	11 86	986 80	0 80	974 94			
T.P.	11 90	997 31	1 39	995 41			
TP	11 80	1008 06	1 05	996 26			
T.P.	11 78	1018 71	1 13	1006 93			
T.P.	11 76	1029 07	1 40	1017 31			
T.P.	11 95	1039 94	1 08	1027 99			
+ T.P.	11 59	1050 21	1 32	1038 62			

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F.B. 3105 Pg. 135
No. ____ Date ____ Date ____ Survey of ZAA FERNWOOD PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 1-30-63
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		1050 2N				
TR	11 80	1061 4N	052	1049 6N		
TBM			140	1060 0N	TBM El= 1060.093, PER FB.3105-8	
					Bt. spl. & W. in RP# 1199237 E	
					up 8" SE Cor FERNWOOD	
					PACIFIC DR & BOWERS DR.	

F.B. 3105 PG. 136 Job No. [illegible] Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of ZEA FERNWOOD PEAK Date ____ Date ____ No. ____
Survey by LIND Notes LIND Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed [illegible] Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of ZIIA FERNWOOD PEAK
Map No.	JN 03-300 Tape 101 Std 84 °F
Office Work	Surveyed by E. K. LIND
Checked	Notes LIND Date 2-5-63
Date	Indexed C. J. GALLI MAR 8 '63

F. B. 3105 Pg. 167

W.N. 0303.00

ZII A FERNWOOD PEAK

CENTER LINE RE-TRACEMENT

OF

GRAND VIEW DRIVE

FROM: SLY LINE OF TRACT 5664

TO: TOPANGA CANYON BLVD

REFER:

CSB 431-2

FD. 725

FB. 822

FEB 1963

LIND

MALDONADO

RODRIGUEZ R.R.

RODRIGUEZ R.D.

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

Do not extend this side of this line.

PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.

76F3095 C.E. #210 6-62

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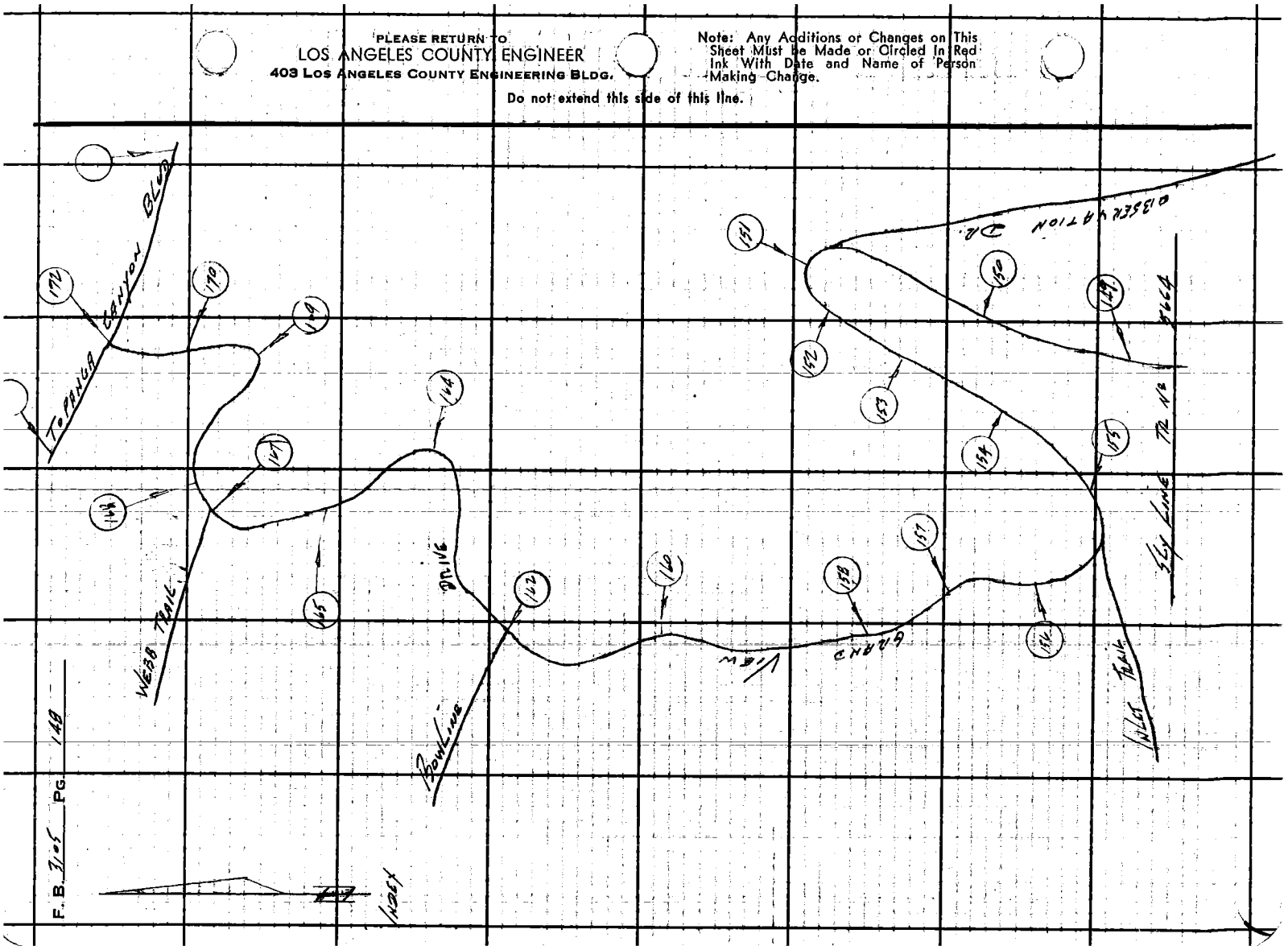
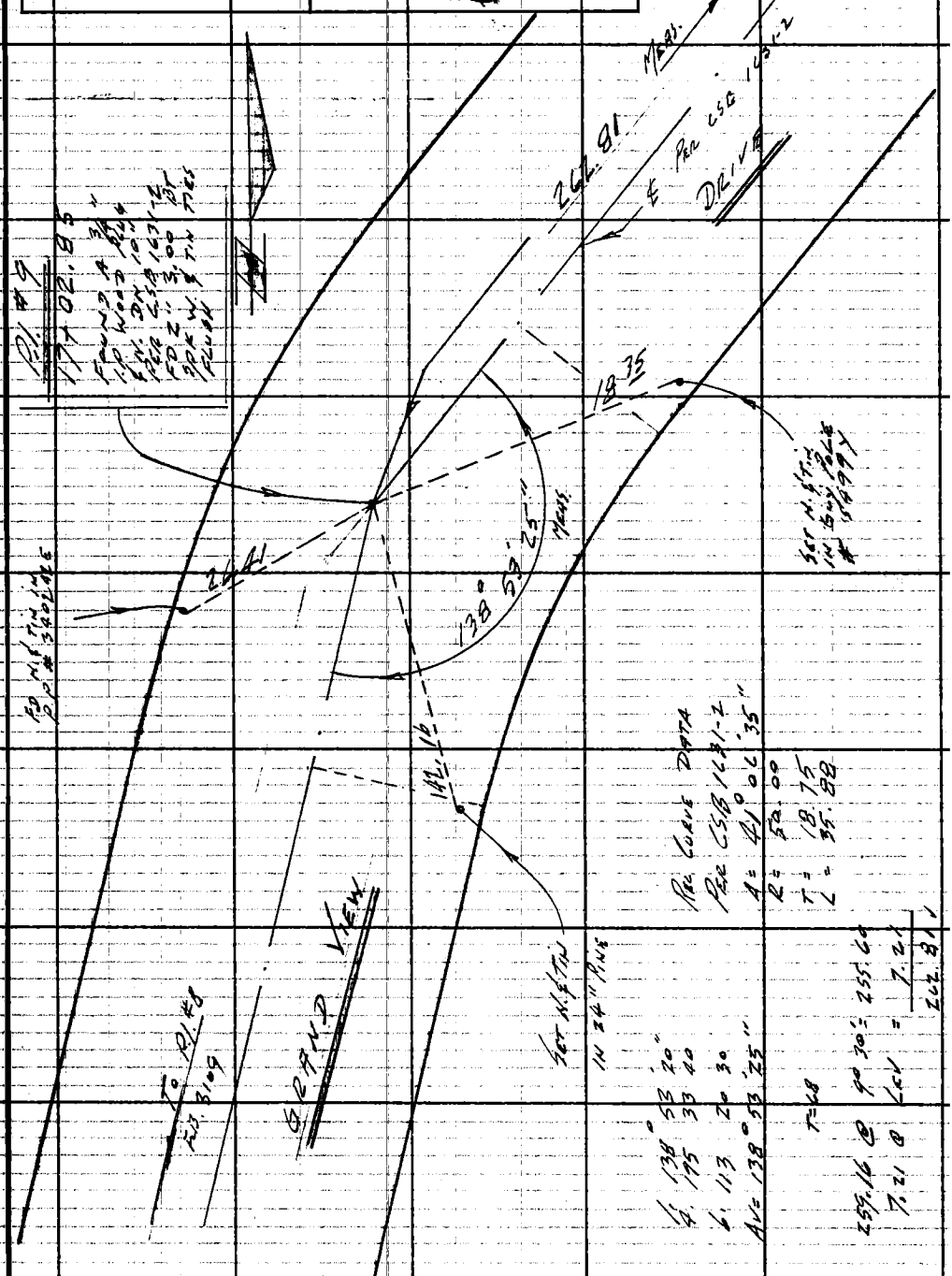


Notes Ck'd by	Survey of ZIIA FERNWOOD PEAK
Map No.	JN 0303.00 Tape 161 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-5-63
Date	Indexed [redacted]

F. B. 3105 PG. 149

CONT. ON BOTT PG 150



CONT. IN F.B. 3109

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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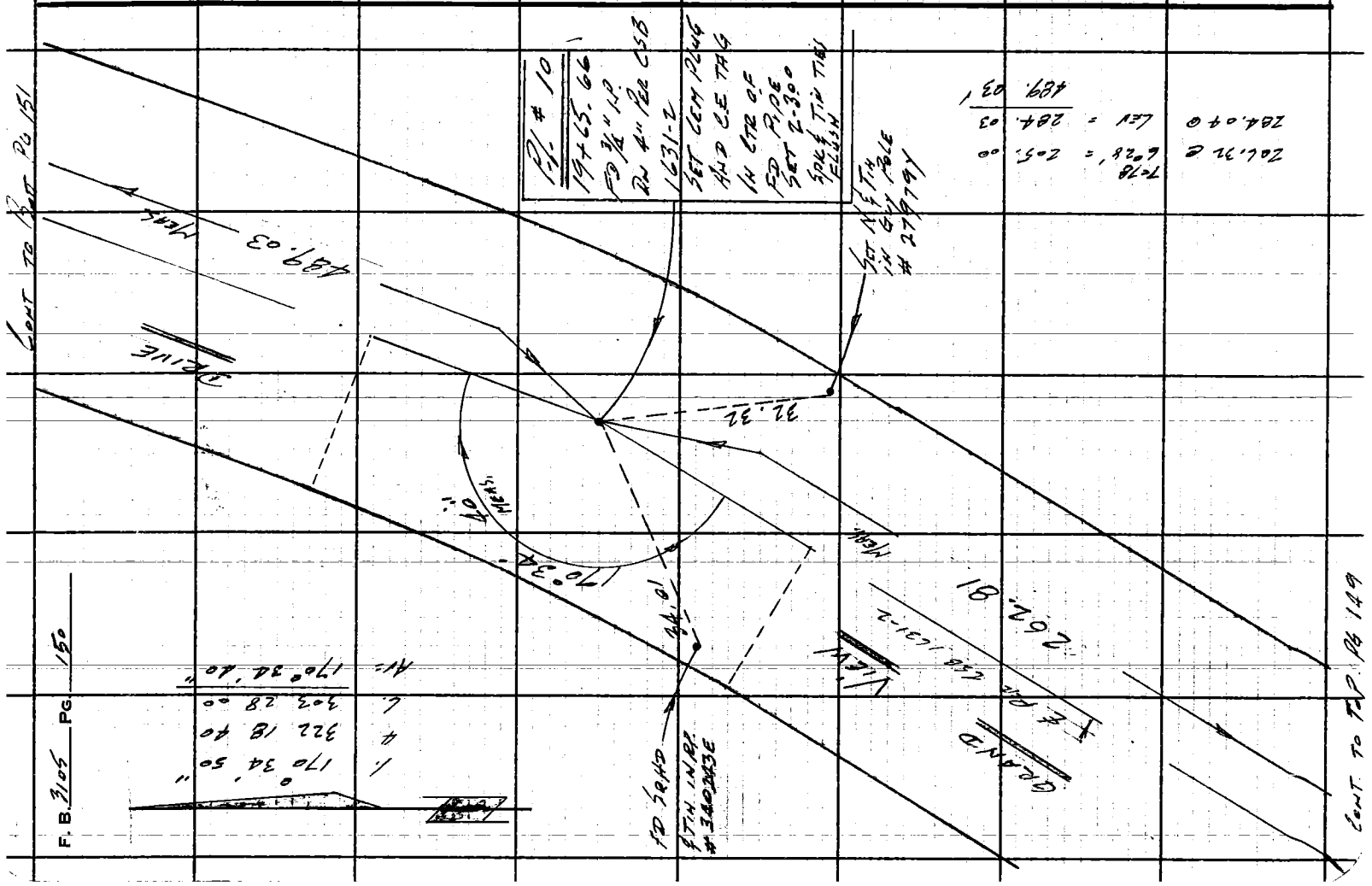
W.S. 89 C-3



76F3095 CE #310 6-62

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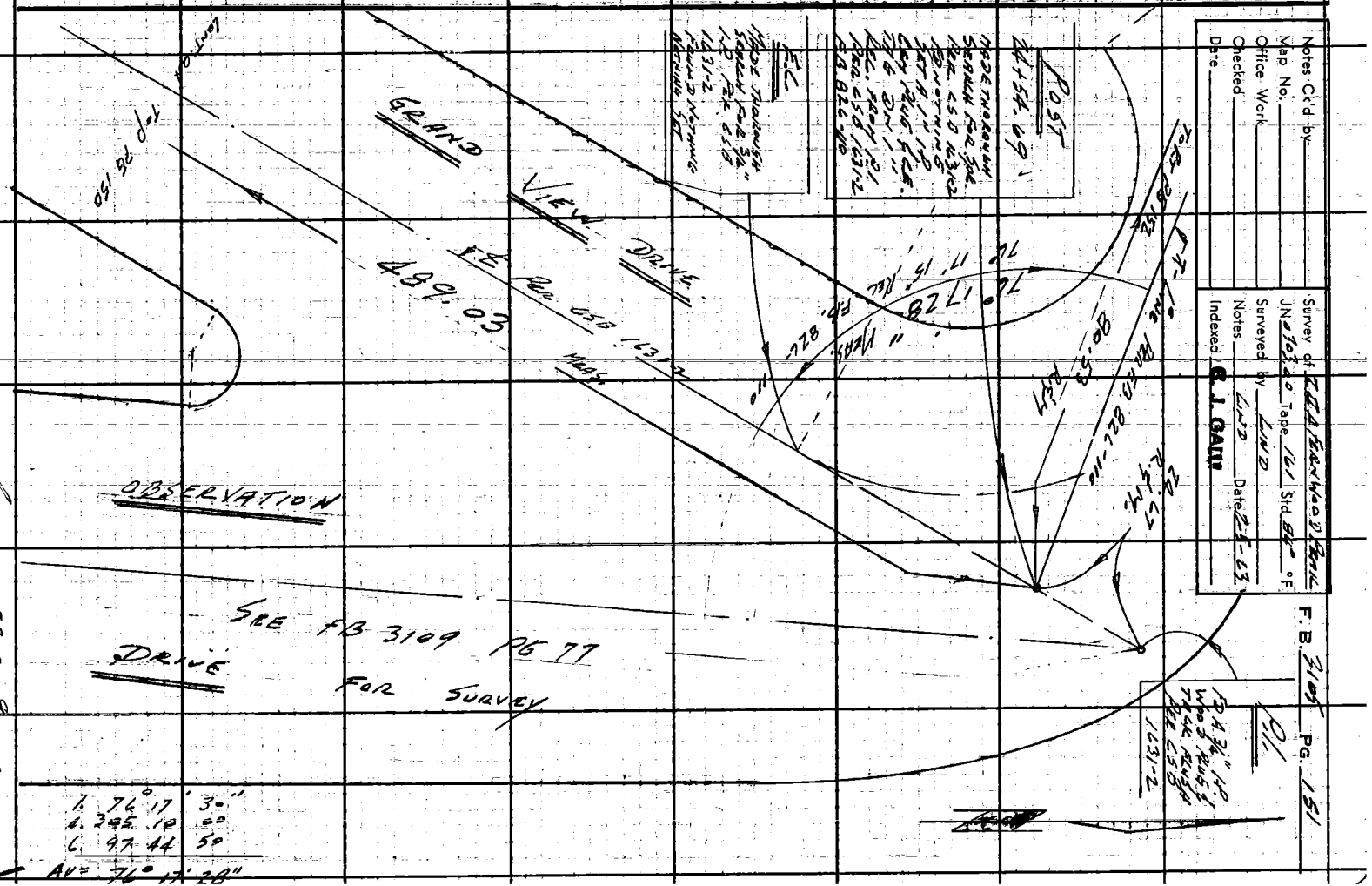
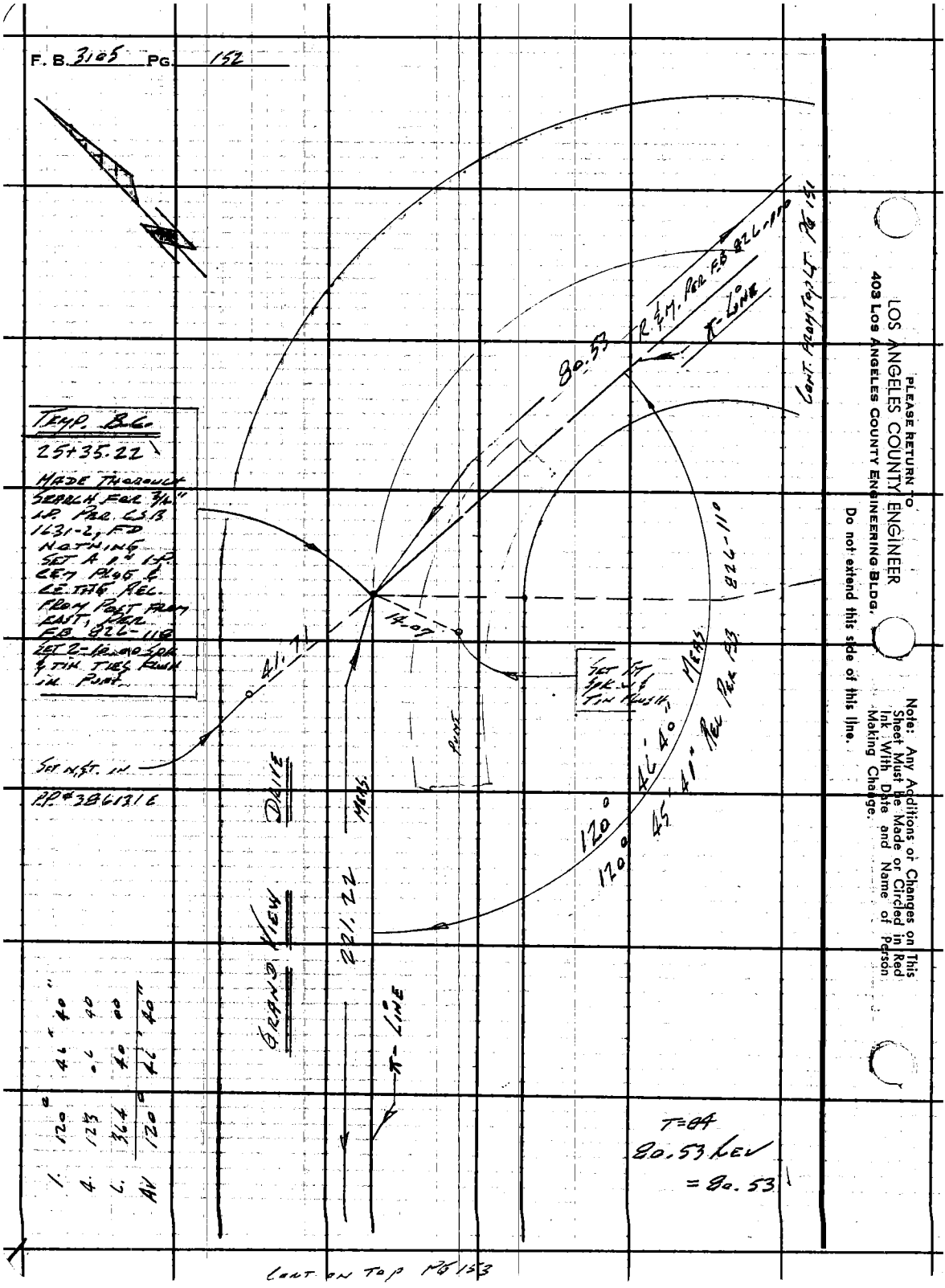
W.S. 89 C-3



F. B. 3105 PG. 152



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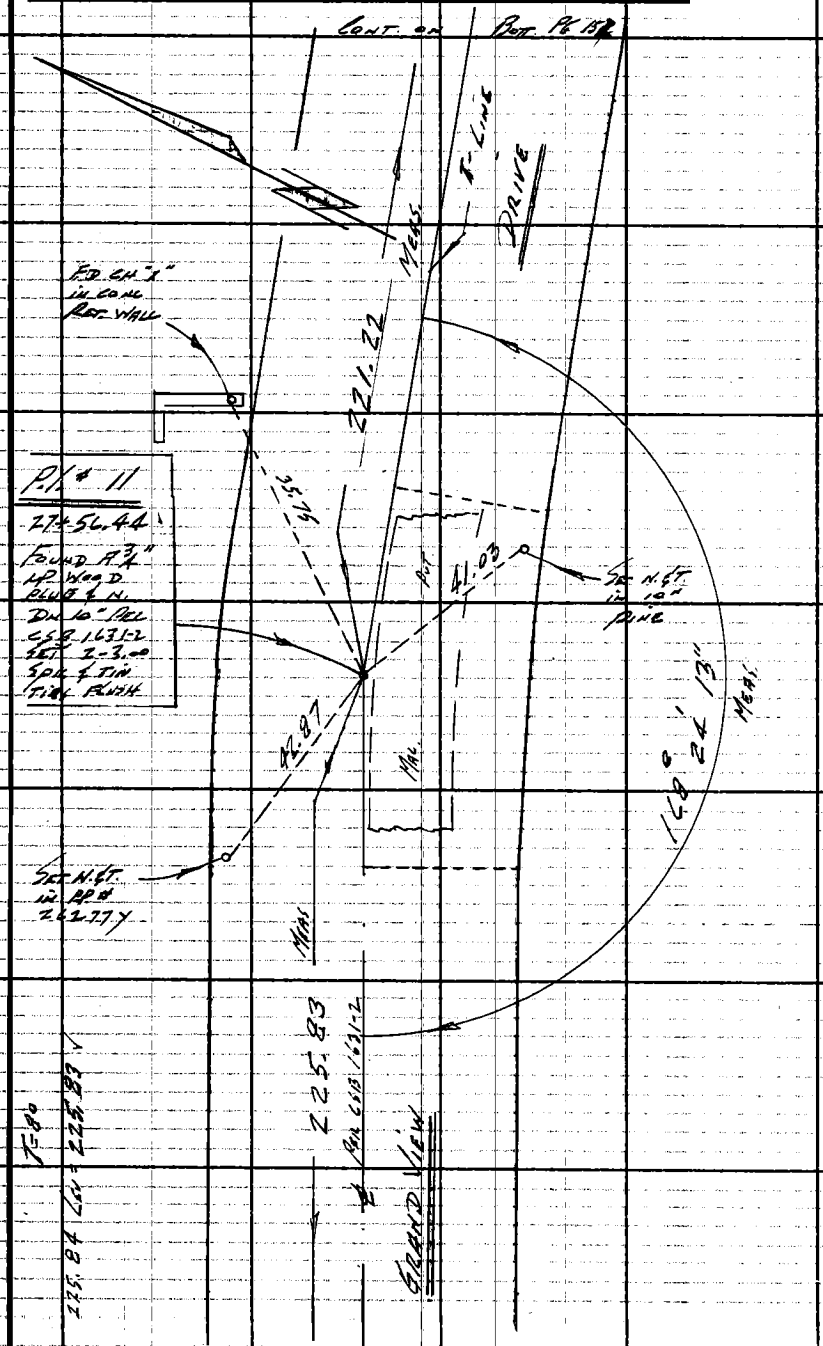
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ZIIA FERN WOOD PEAK	F. B. 3105 PG. 153
Map No.	JN 703.00 Tape 161 Std 84 °F	
Office Work	Surveyed by C. K. LIND	
Checked	Notes LIND Date 2-6-63	
Date	Indexed G. J. GALLI	

CONT. ON BOTT. PG 152



PEL CURVE DATA PER CSB 1631-2
Δ = 11° 33' 00"
R = 400.00
T = 40.45
L = 80.63

T=78
216.47 @ 1° 20' = 216.40
4.82 @ LEV = 4.82
221.22 ✓

1	168°	24' 20"
4	31.3	37 00
6	290	25 20
Δ =	168°	24' 13"

CONT. ON PG 154

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CU. S. 89 C-3

76 F309S CE # 310 1-61

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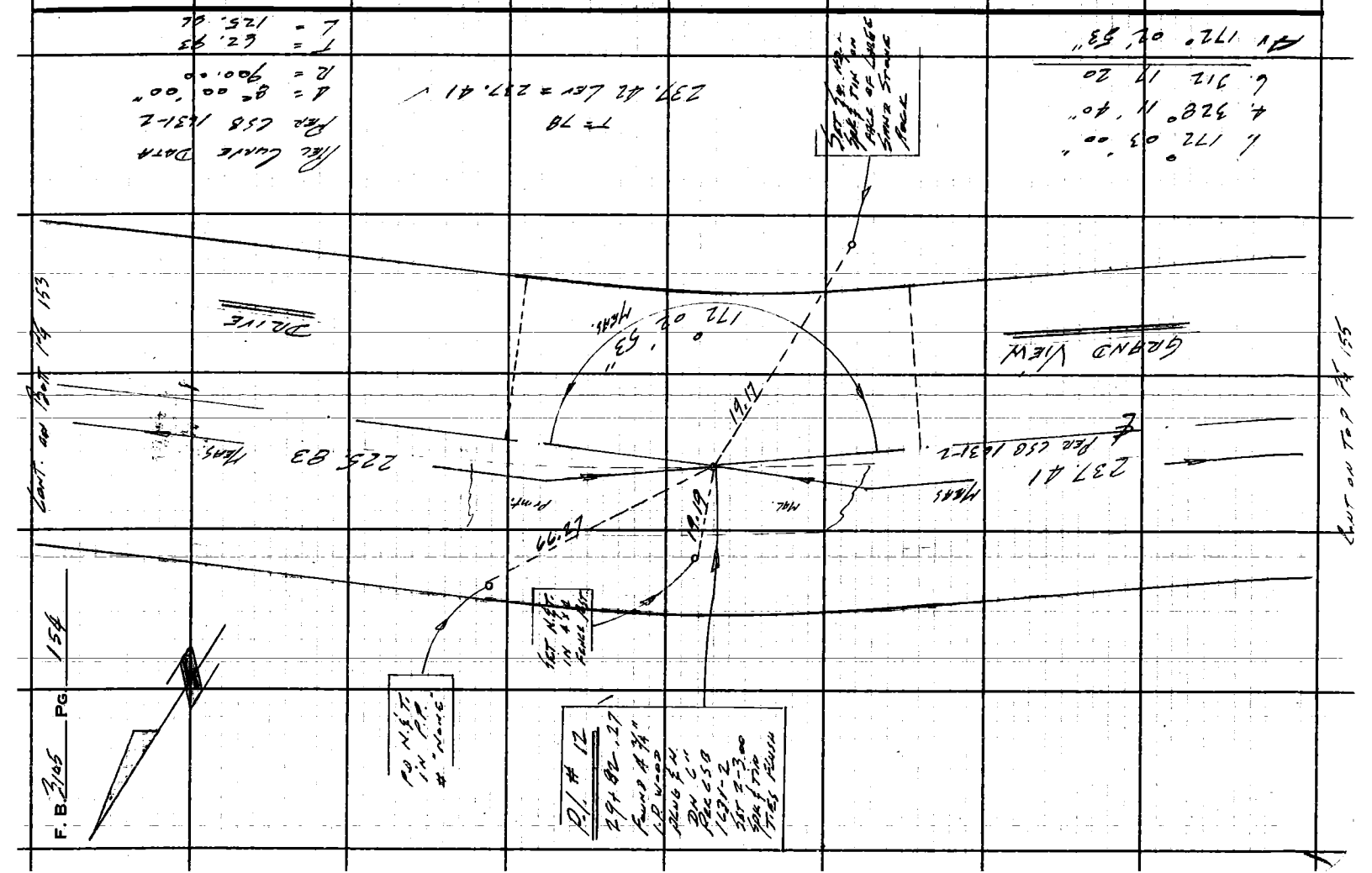
403 LOS ANGELES COUNTY ENGINEERING BLDG.

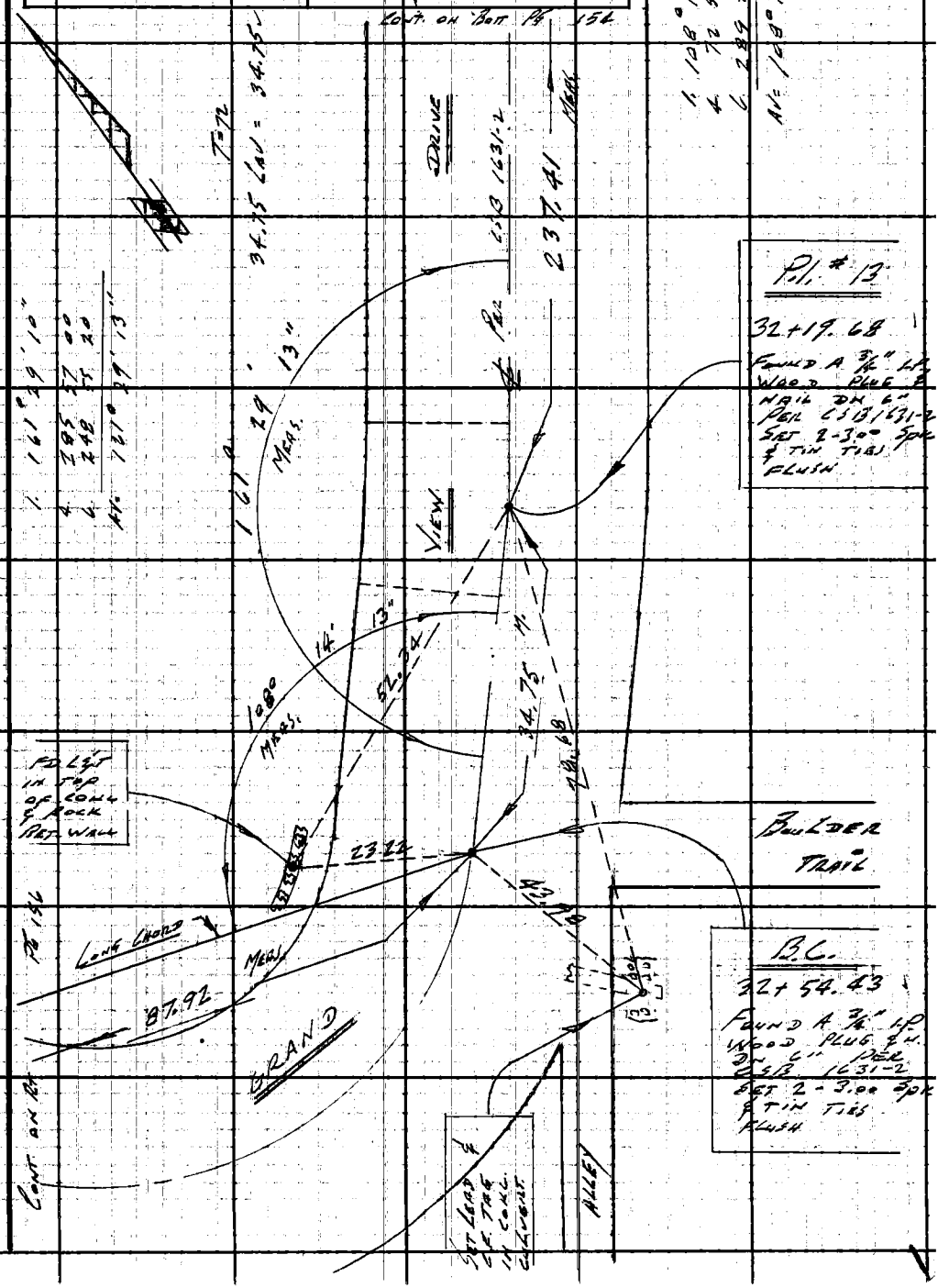
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.



Notes Ck'd by	Survey of IIA FERNWOOD PARK
Map No.	JN 6303.00 Tape 101 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-2-63
Date	Indexed R. J. [illegible]

F. B. 3105 PG. 155



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

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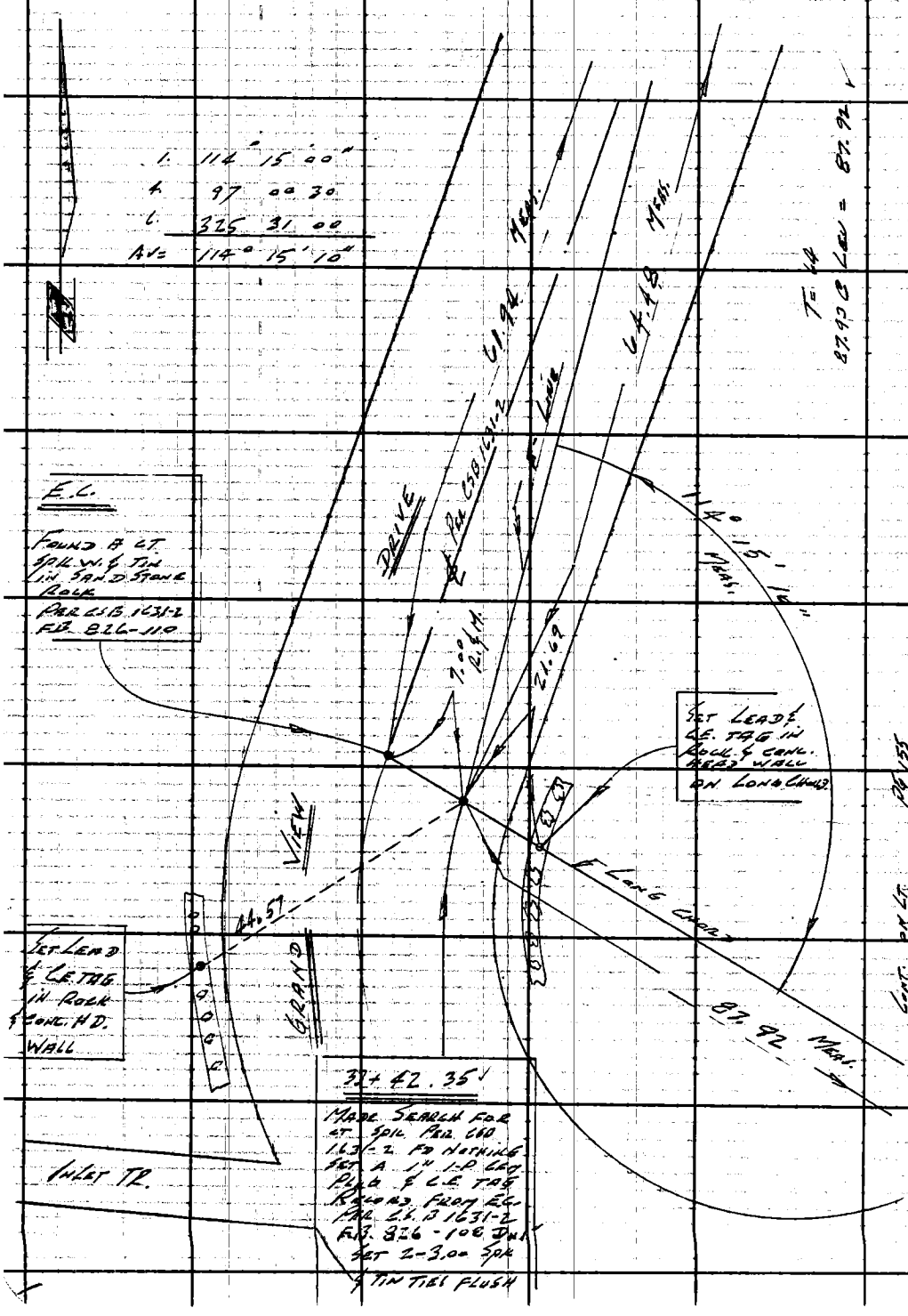
403 LOS ANGELES COUNTY ENGINEERING BLDG.

W.S. 89 C-3

76F 309S CE #310 6-62

F. B. 3105 PG. 156

CONT. ON BOTT. PG 157



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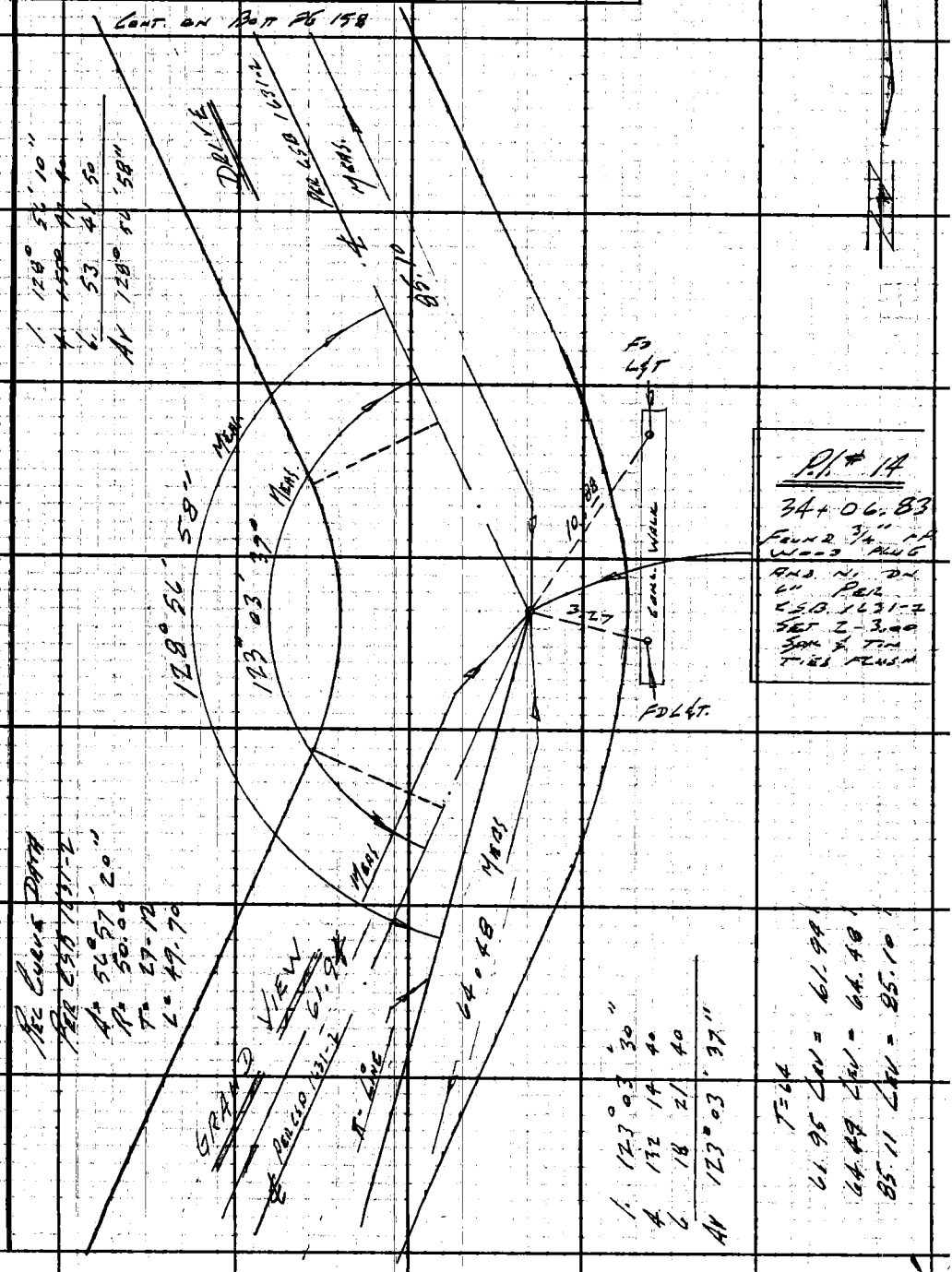
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ZEA FERNWOOD PEAK
Map No.	JN 07-3-00 Tape 16 Std 84 °F
Office Work	Surveyed by C. L. LIND
Checked	Notes LIND Date 2-6-63
Date	Indexed [illegible] GALLI

F. B. 3105 PG. 157



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. 3105 PG. 158

CONT TO BOTT PG 159

W.S. 89 C3

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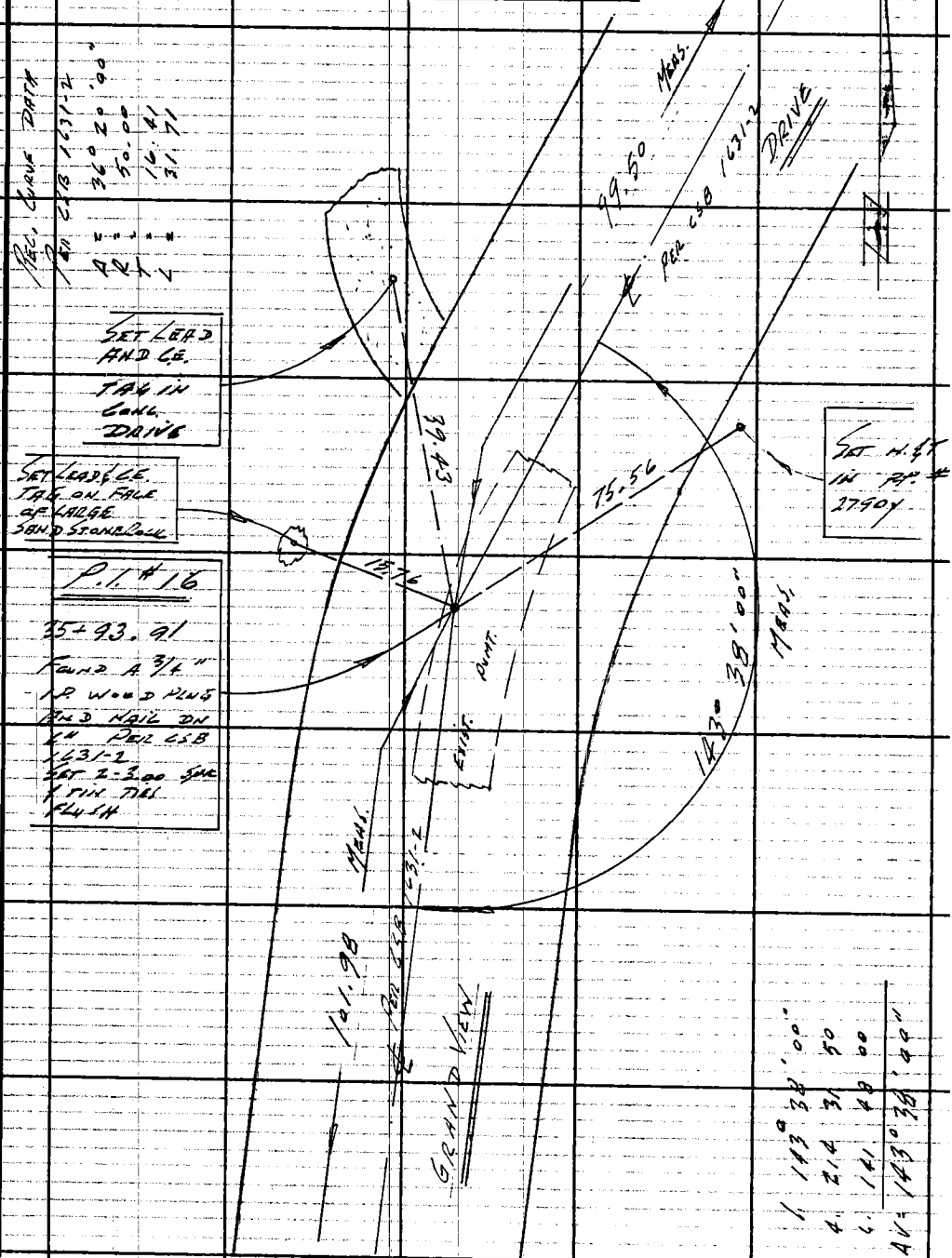
CONT. FROM TOP PG 157

Notes Ck'd by	Survey of 2IIA FERNWOOD PEAK
Map No.	JN 03-3.00 Tape 161 Std 84 °F
Office Work	Surveyed by C. K. LIND
Checked	Notes LIND Date 2-7-63
Date	Indexed C. J. GALLI

F. B. 3105 PG. 159

CONT. ON BOTT PG 160



CONT TO TOP PG 158

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

F. B. 3105 PG. 160

CONT. ON BOTT. PG 161

CONT. TO TOP PG 159

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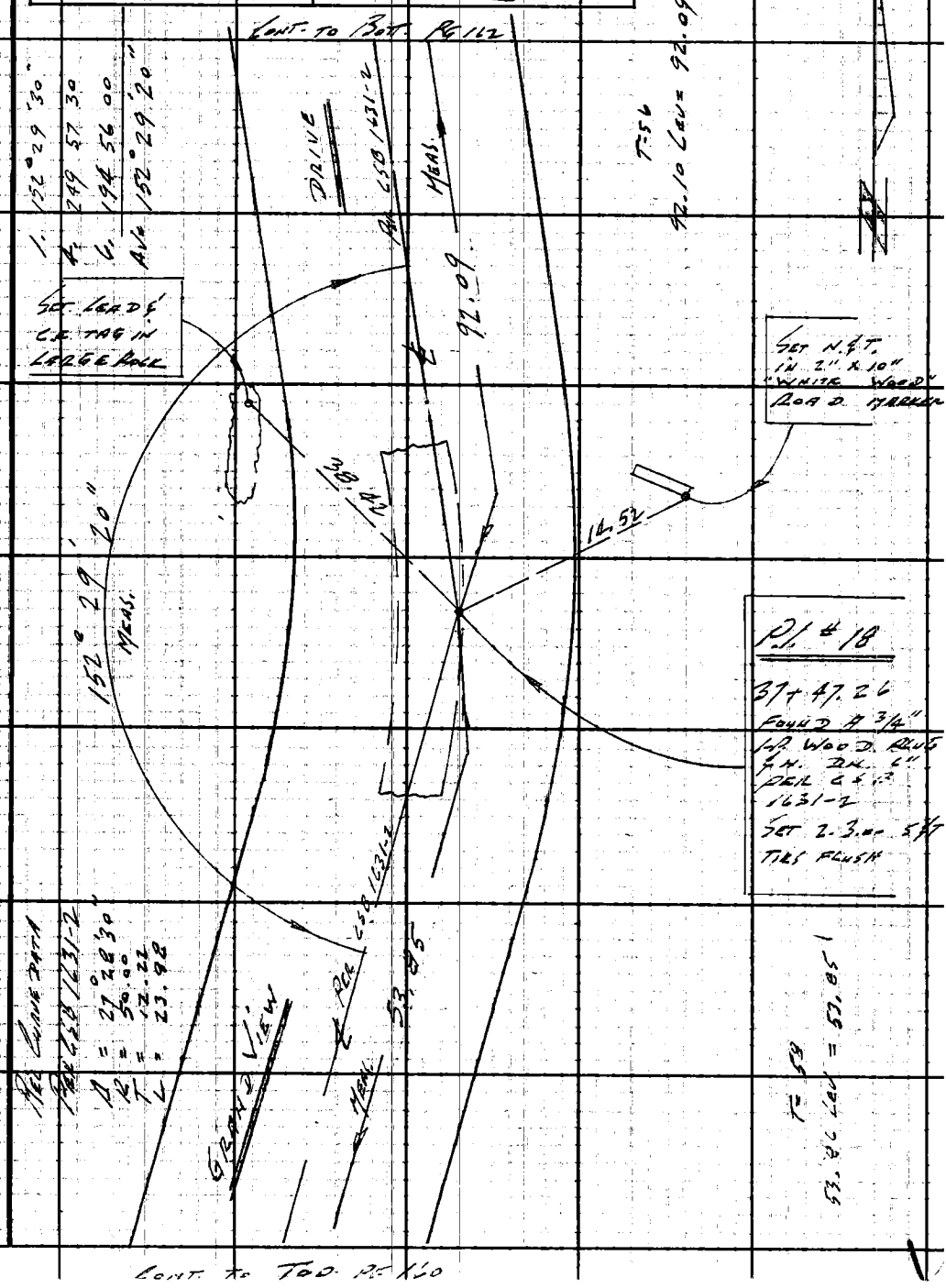
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of 2DA FERNWOOD PEAK
Map No.	JN 303.00 Tape 161 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-8-67
Date	Indexed C. J. GALLI

F. B. 3105 PG. 161



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

Do not extend this side of this line.

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

76F309S CE #310 6-62

F. B. 3105 PG. 162

CONT. ON BOOK PG 163

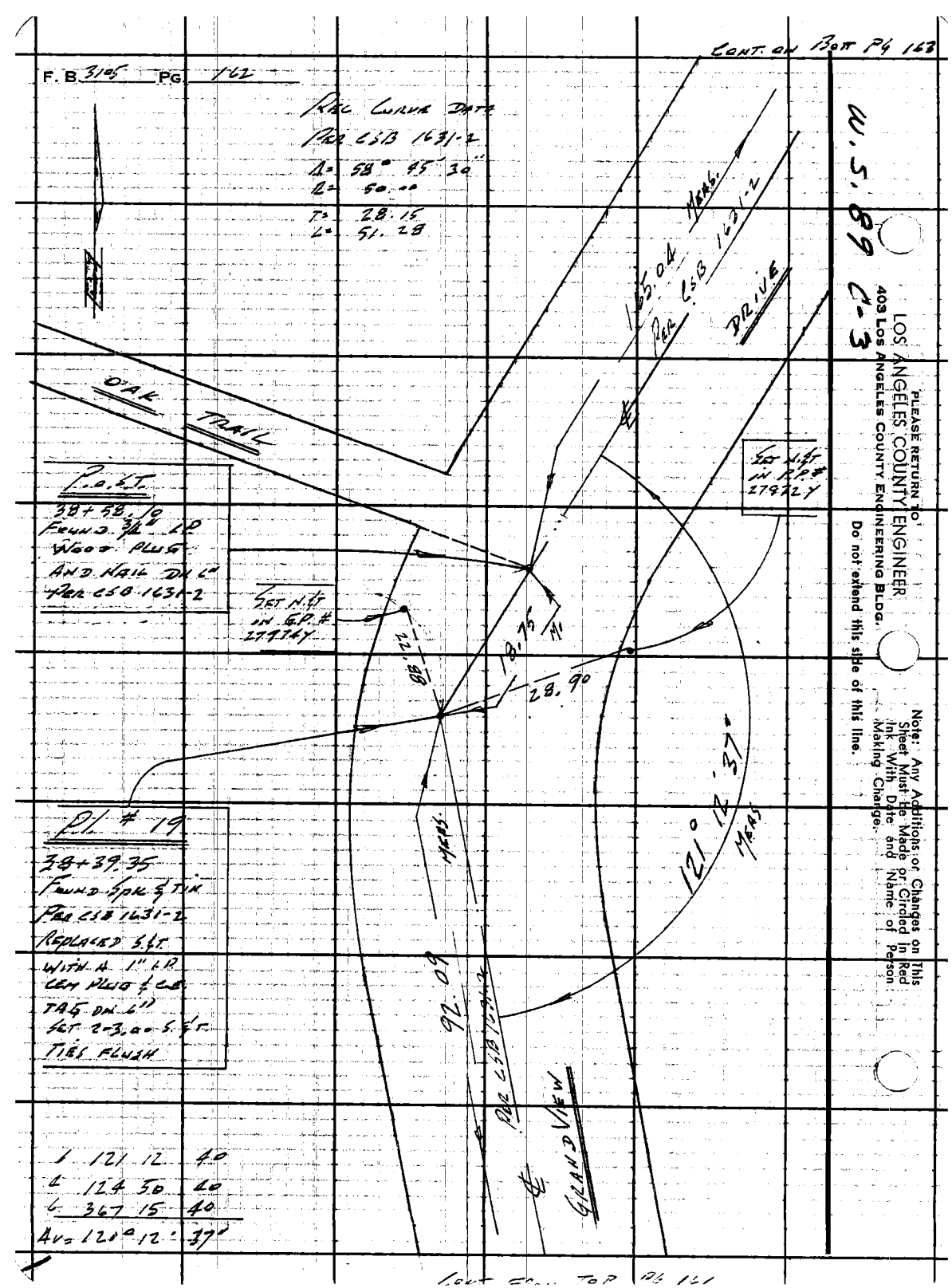
W.S. 89 C-3

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

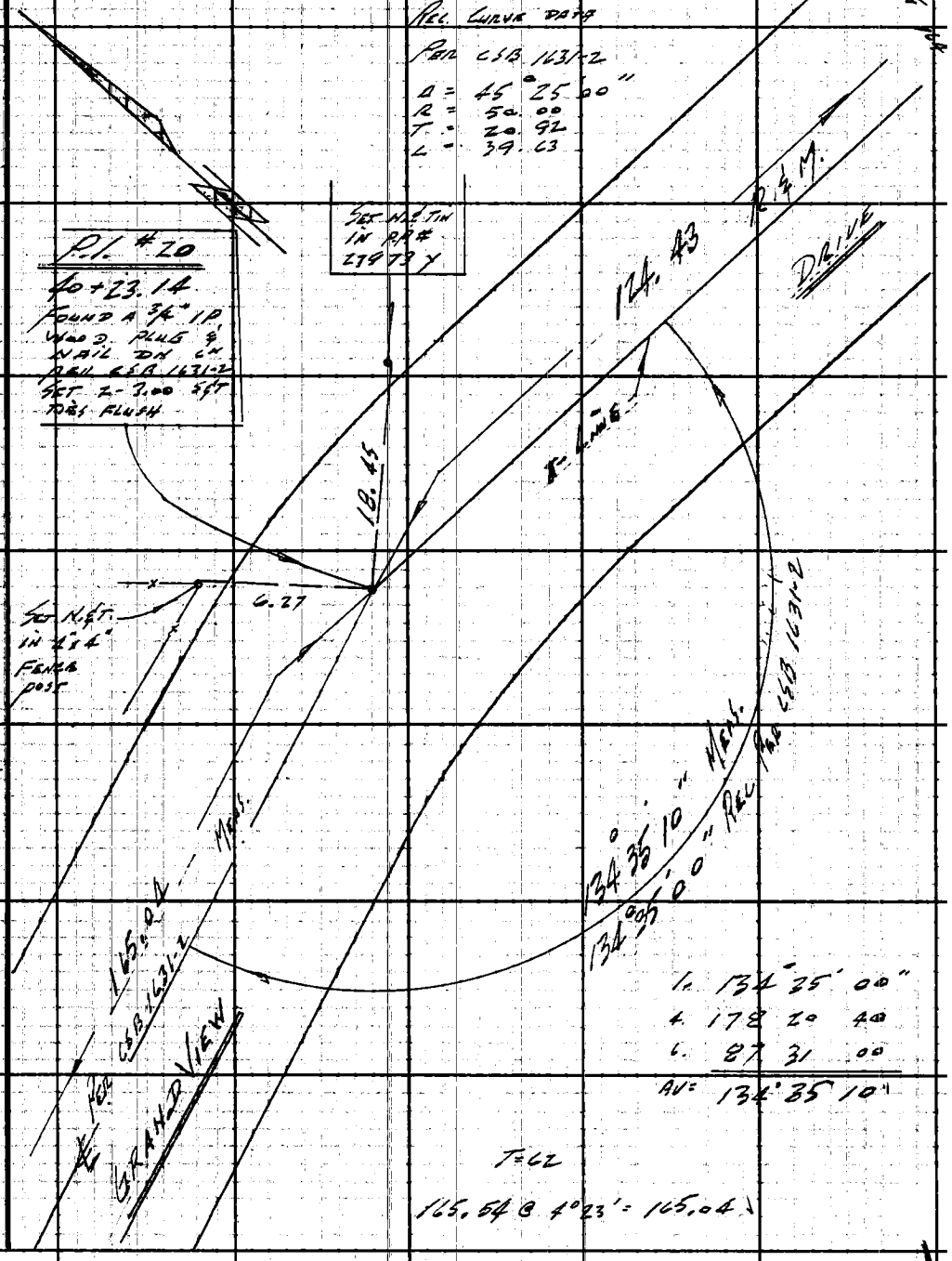
Do not extend this side of this line.

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



CONT. FROM TOP PG 161

Notes Ck'd by	Survey of ZIA FERNWOOD PEAK	F. B. 3105 PG. 163
Map No.	JN #303.00 Tape 161 Std 84 °F	
Office Work	Surveyed by C. K. LIND	
Checked	Notes LIND Date 2-8-63	
Date	Indexed C. J. GALLI	



CONT. TO TOP PG 162

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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W.S. 89 C-3

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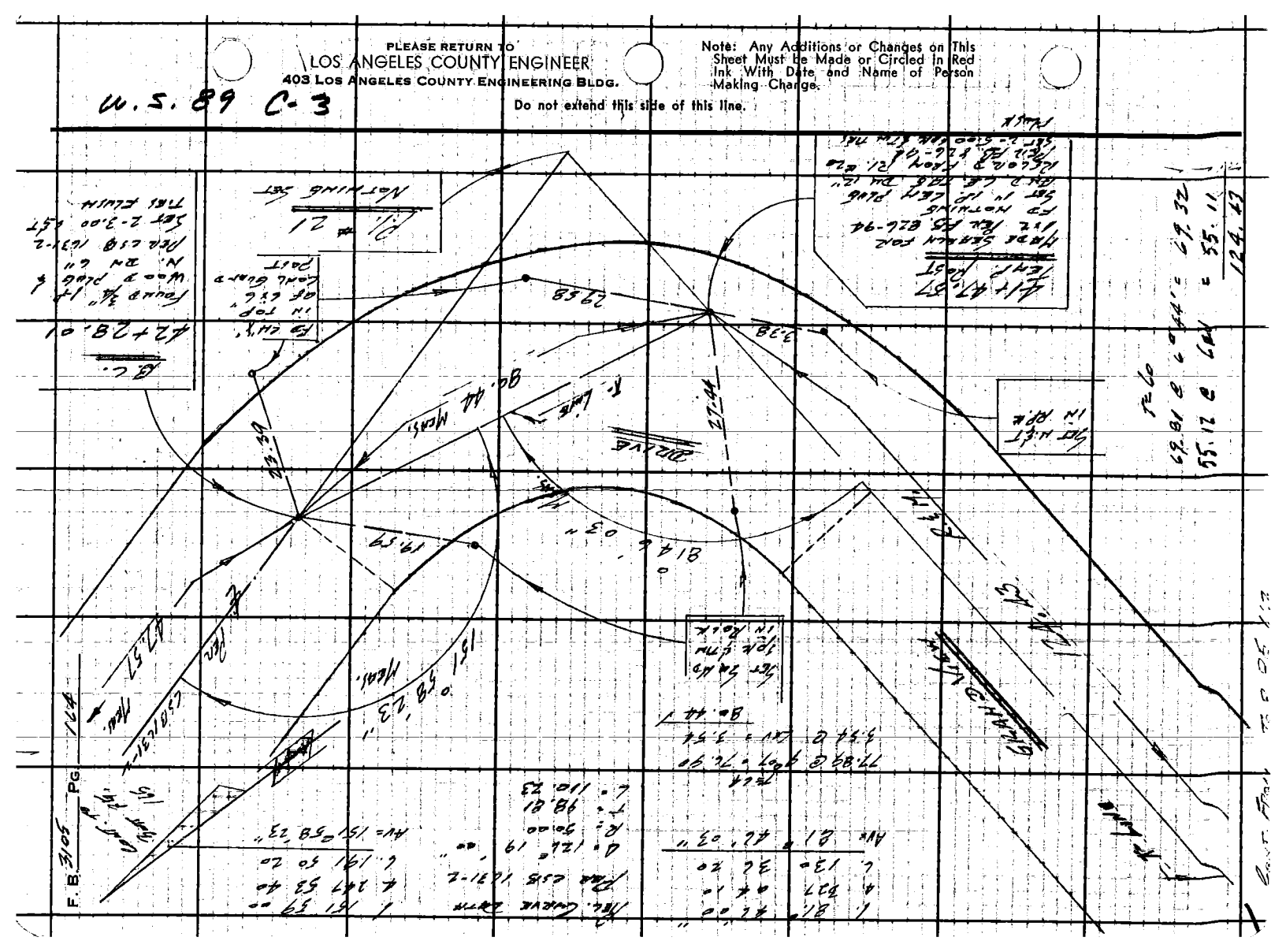
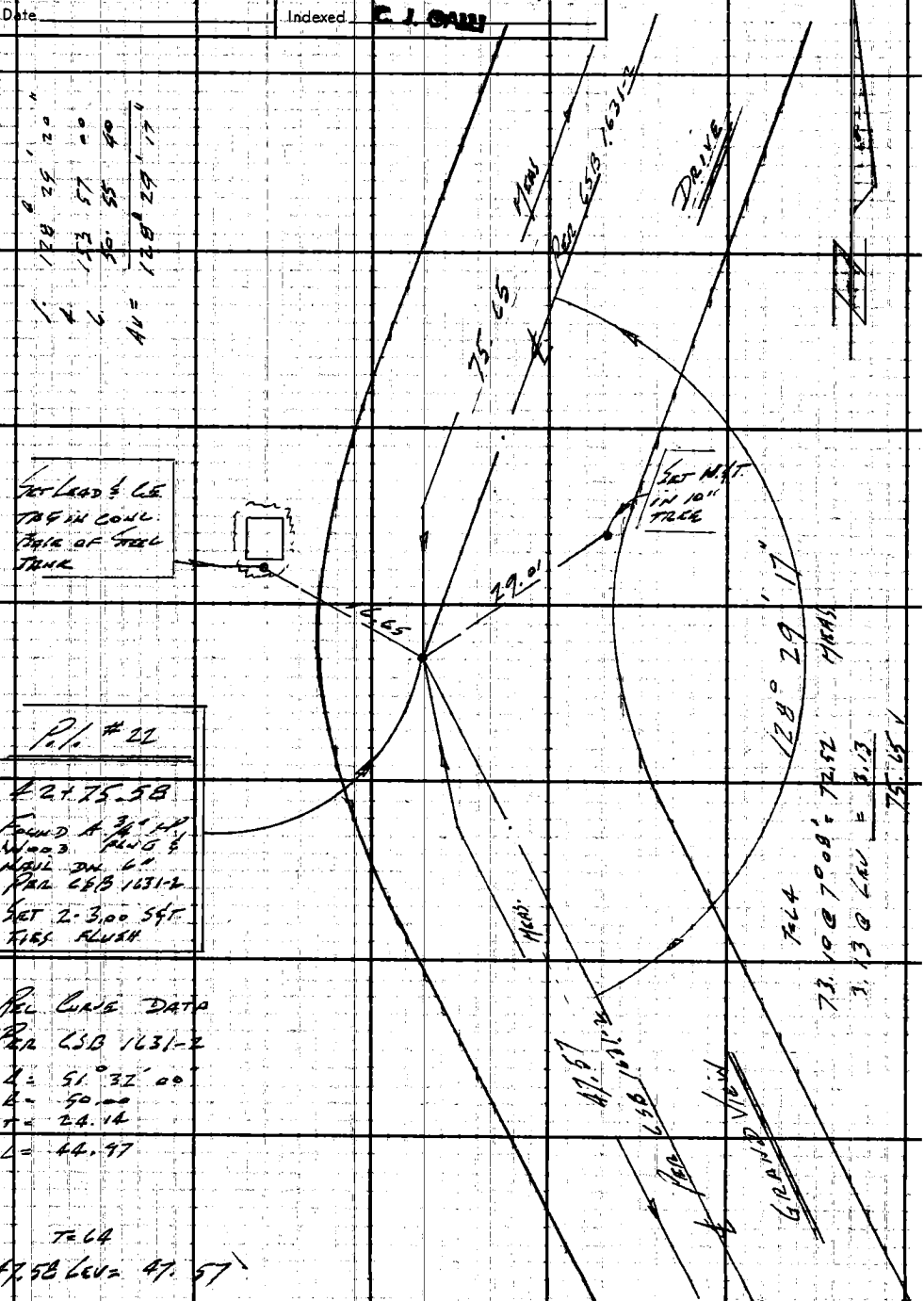


Notes Ck'd by	Survey of ZAA Fernwood Park
Map No.	JN 03-3-60 Tape 161 Std 84 °F
Office Work	Surveyed by Lind
Checked	Notes Lind Date 2-13-63
Date	Indexed C. J. Gall

F. B. 3105 PG. 165

CONT. TO BOTT. PG 166



CONT. FROM TOP PG 164

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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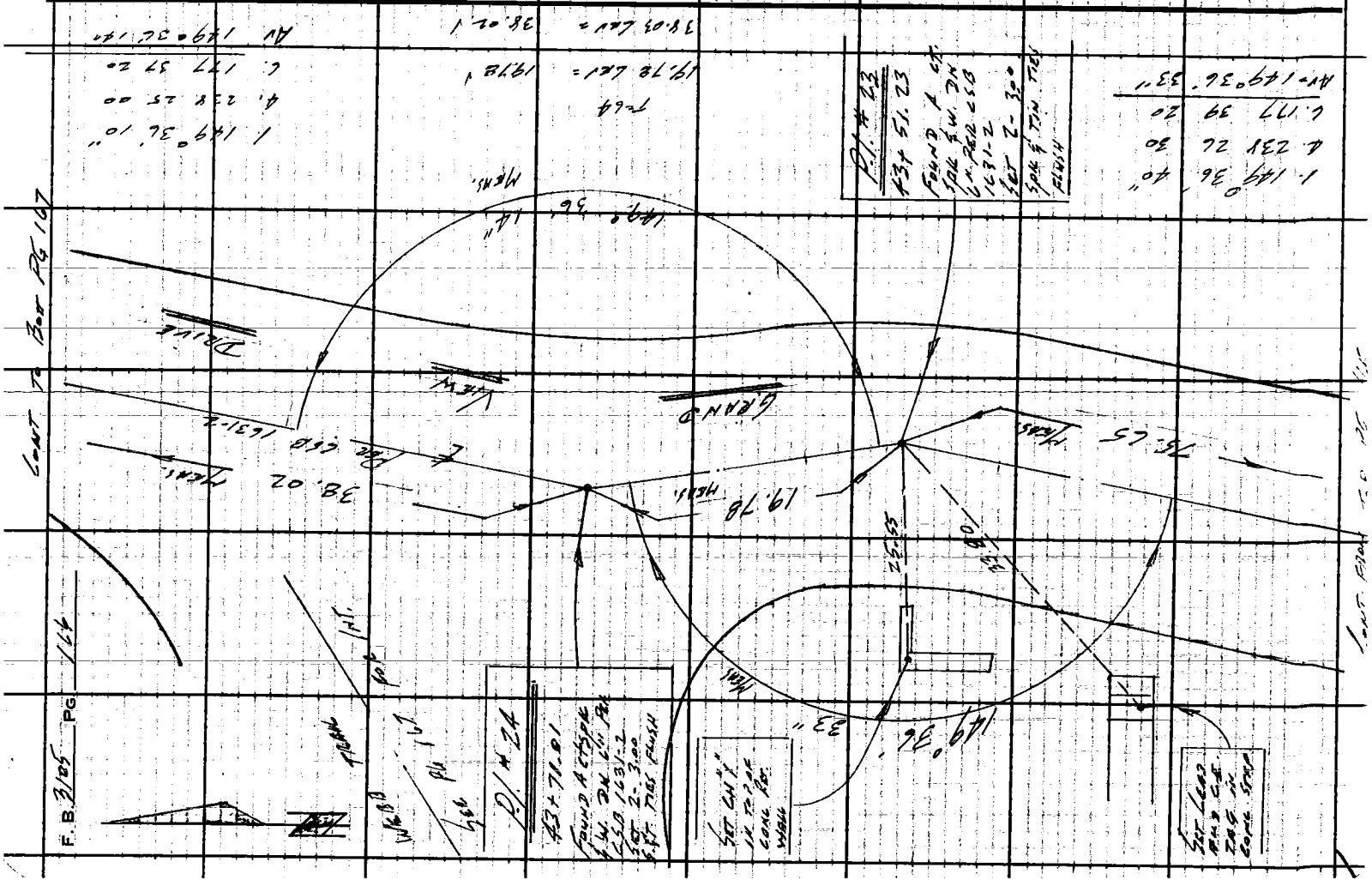
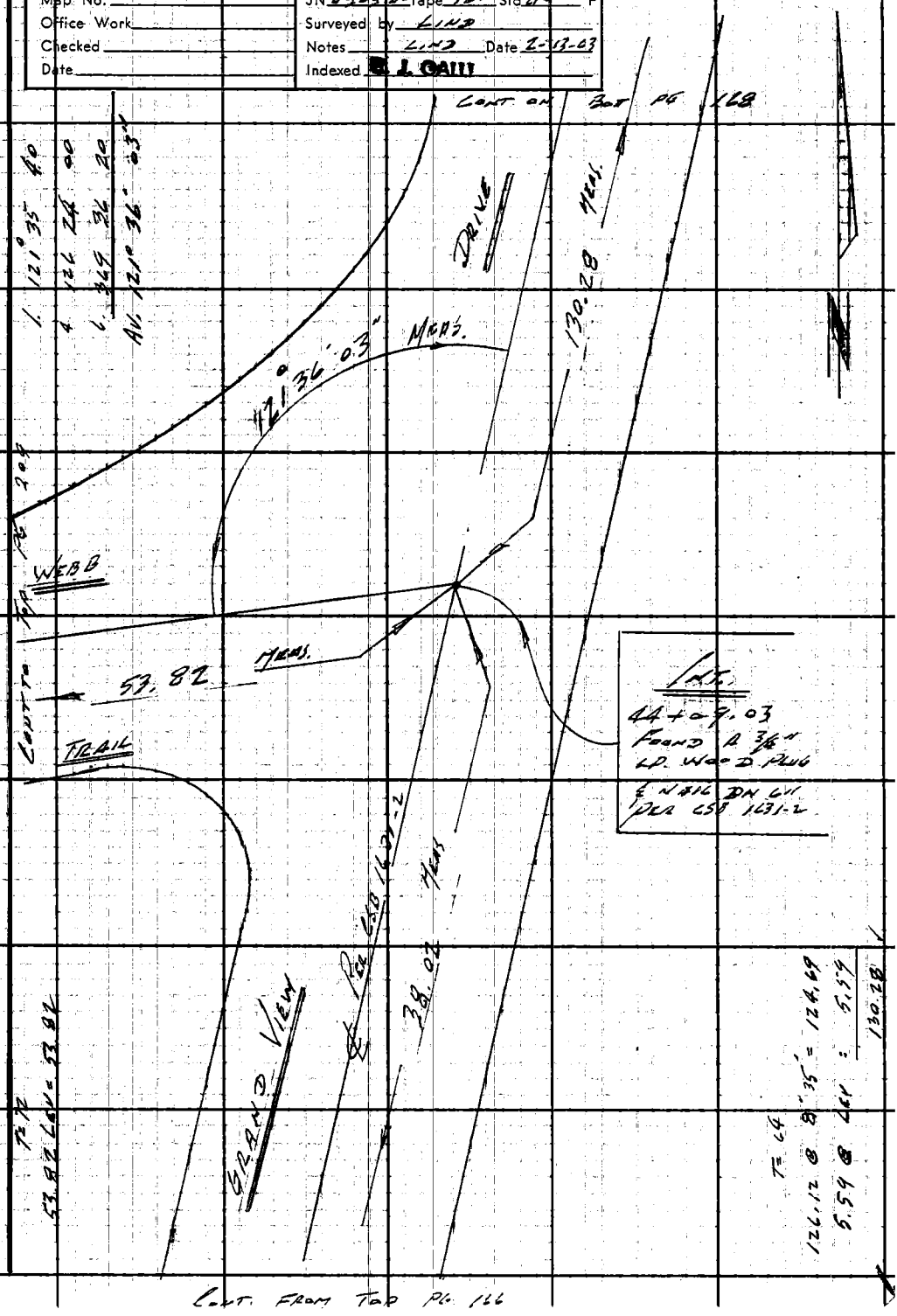
W.S. 89 C-3

Do not extend this side of this line.



Notes Ck'd by	Survey of IRA FRUMWOOD PEAK
Map No.	JN 0303 00 Tape 161 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-13-03
Date	Indexed [redacted] J. GALLI

F. B. 3105 PG. 167



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. 3105 PG 168

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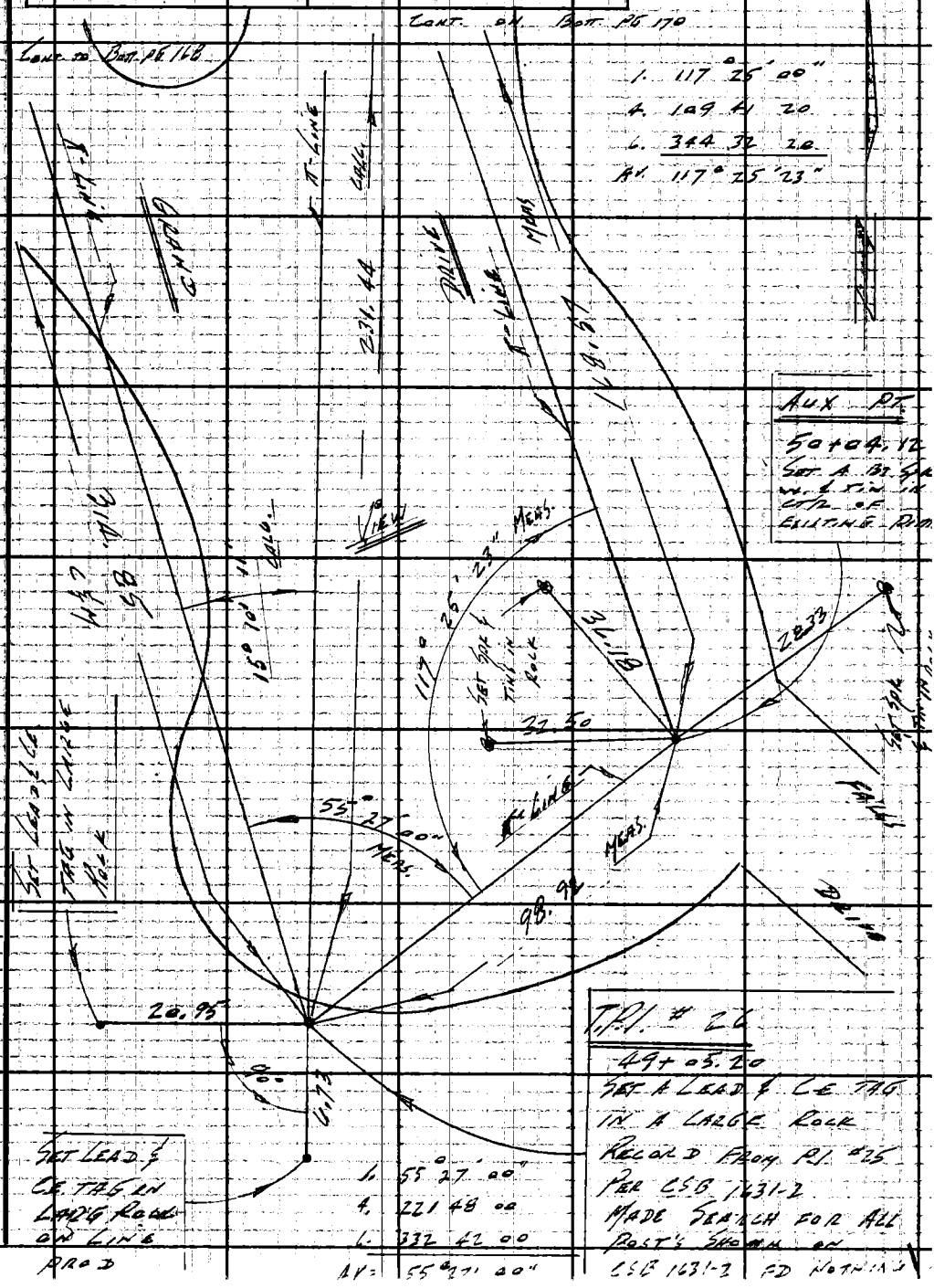
Notes Ck'd by	Survey of 2nd Fernwood Pkwy	F. B. 3105 PG. 169
Map No.	JN 0303.30 Tape 164 Std 84 °F	To 60
Office Work	Surveyed by Lind	99.34 @ 5° 14' = 98.92
Checked	Notes Lind Date 2-15-63	
Date	Indexed E. J. Galli	



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

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403 Los Angeles County Engineering Bldg.

W.S. 89 R-3

76F309S C.E. #310 6-62

F. B. 3185 PG. 170

CONT. ON BOTT. PG. 171

REC. CURVE DATA
PER CSB 1631-2
D = 30° 26' 30"
R = 185.00
T = 24.57
L = 55.79

P.I. # 27
51+ 72.69
FOUND A 3/4"
I.P. WOOD PLUG
FN. ON SIDE
OF BANK
PER CSB
1631-2

1. 127° 16' 30"
2. 149 35 40
3. 43 36 50
A1 177° 16' 28"

CONT FROM TOP LT PG 167

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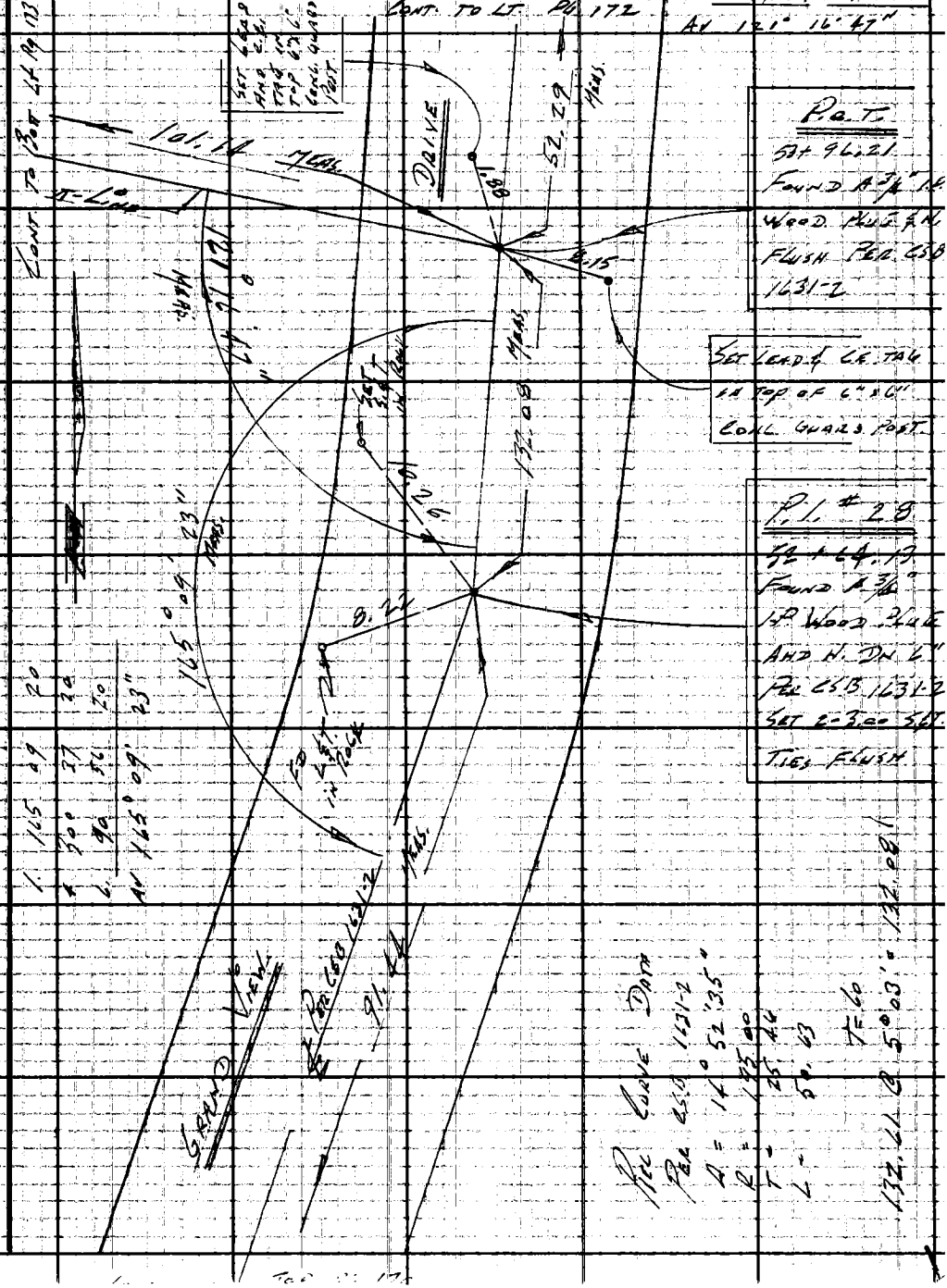
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ZOA FERN WOOD PARK
Map No.	JN #303.00 Tape 161 Std 84 °F
Office Work	Surveyed by C. K. LIND
Checked	Notes LIND Date 2-19-63
Date	Indexed G. J. GALLI

F. B. 3105 PG. 171

1. 121 16 40
4. 125 07 00
6. 367 40 40
AV 121° 16' 47"

CONT. TO LT. PG. 172



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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S C.E. #310 6-62

F. B. 3105 PG. 172

CONT. TO BOTT. PG. 173

W.S. 89 C-3

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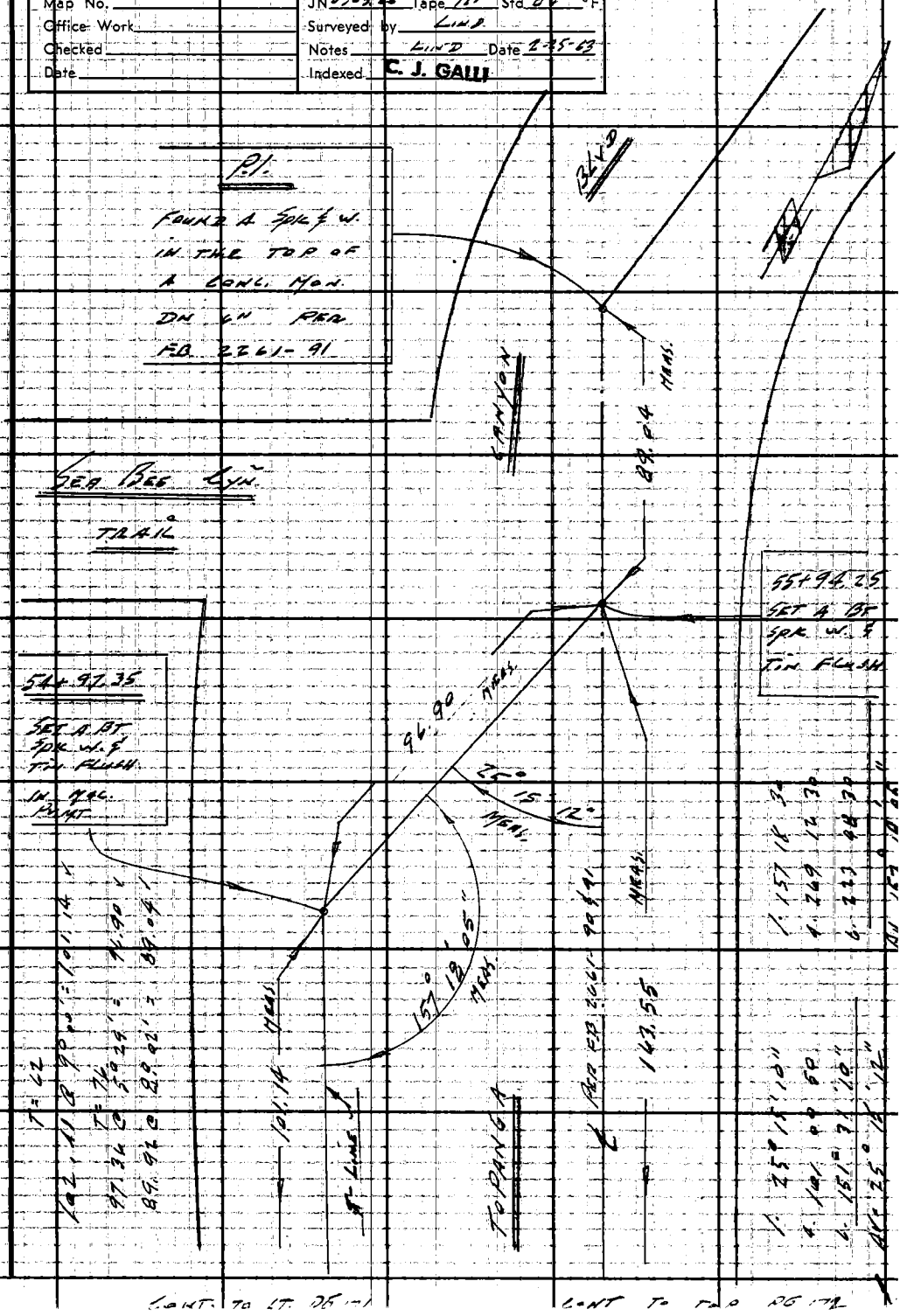
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ZOA FERNWOOD PEAK
Map No.	JN 0303.00 Tape 111 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 2-25-63
Date	Indexed C. J. GALLI

F. B. 3105 PG. 173



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

W.S. 89 A-3

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

CONT. TO LT. PG 171

CONT. TO TOP PG 172

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

Survey of 2 II A Fernwood Peak
JN 2215.14 Tape Std °F
Surveyed by LIND
Notes MALDONADO Date 2-21-63
Indexed E. J. GALLI

F. B. 3105 PG. 181

JN. 2215, 14

2 II A FERN WOOD PEAK

LOCATION OF IMPROVEMENTS

ALONG

GRAND VIEW DRIVE

FROM: SLY LINE OF TRACT # 5464

TO: TOPANGA CANYON BLVD

FOR CONTROL LINES:

SEE FB 3105 PGS 147-174

FEB. 1963

LIND

MALDONADO

RODRIGUEZ R.R.

RODRIGUEZ R.4.

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76F 3095 C.E. #3 10 6-62

F. B. 3105 PG. 182

Station	OFF-Set		Description
17+02.85	13.0	Rt.	Edge of Pavt.
	7.0	Lt.	" " "
17+50.0	5.0	Rt.	" " "
	15.0	Lt.	" " "
18+00	9.0	Rt.	" " "
	11.0	Lt.	" " "
18+20.0	8.0	Lt.	So. Edge 13' ft. Mac. Dr. Way
18+36.0	11.5	Lt.	P. Pole # 655966 E
18+50.0	12.5	Rt.	Edge of Pavt.
	8.0	Lt.	" " "
19+00	13.5	Rt.	" " "
	6.0	Lt.	" " "
19+34.0	13.0	Lt.	P. Pole # 340243 E
	10.0	Lt.	Mid-Pt. of Curve & Edge of Pvt.
	12.0	Rt.	P. Pole # 27979 Y
	9.0	Rt.	Mid-Pt. of Curve & Edge Pvt.
19+50	10.0	Rt.	Edge of Pavt.
	10.0	Lt.	" " "
20+00	11.0	Rt.	Edge of Pvt. & Toe 3' bank
	10.0	Lt.	" " "
20+47.0	12.0	Lt.	So. Edge of 31 ft. Wide Mac. Dr. Way
20+52.0	14.0	Rt.	P. Pole 583859 E
21+00	14.5	Lt.	Edge of Pvt.
	9.0	Rt.	" " "
21+08.0	15.0	Lt.	P. Pole # 680598 E
21+50.0	10.5	Rt.	Edge of Pvt.
	15.5	Lt.	"
21+57.4	18.5	Lt.	Begin of 4' Wall Fence (Stucco)
21+70.5	17.5	Lt.	So. Edge of 6.0 Ft. Conc. Walk
22+00	7.0	Rt.	Edge of Pvt.
	17.0	Lt.	" "
22+14.5	19.0	Lt.	P. Pole # 22276 Y
22+16.0	20.5	Lt.	End of 4' Stucco Wall Fence
22+50.0	3.0	Rt.	Edge of Pvt.
	17.0	Lt.	" " "
22+47.0	17.5	Lt.	3 ft. high Cir. Rock Planter
22+51.0	20.0	Lt.	Begin of 6" Conc. Footing
22+70.0	20.0	Lt.	End " " " & Begin of 3' Hol. Brick Wall Fence
	20.0	Lt.	Begin of 5 ft. Wide 46 ft. long Mac. Strip

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

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

Survey of: Tor From Work Pkg.
JN 2215.14 Tape _____ Std _____ °F
Surveyed by: Lind
Notes: Lind Date 7-21-03
Indexed: C. J. GABEL

F. B. 3105 Pg. 123

Station	Off-Set		Description
22+96.00	20.0	Lt.	End of 3' Block Wall
23+16.0	16.0	Lt.	Begin of 13° Mac Dr. Way
23+17.0	17.5	Lt.	W. Meter
23+18.0	19.0	Lt.	Begin of 3' Block Wall
23+19.0	17.5	Lt.	P. Pole #26275Y
23+21.5	17.5	Lt.	W. Meter
23+50.0	16.0	Lt.	Edge of Pvt
	8.0	Rt.	" "
23+62.0	20.5	Lt.	End of 3" Block Wall & So. Edge of 3' Conc. Walk
23+65.0	18.5	Lt.	So. Edge of 8'6x16' Wood Garage
24+00	10.0	Lt.	Edge of Pvt. & Toe of 6' bank
	10.0	Rt.	" " "
24+05.5	11.0	Lt.	B.C. & Edge of Pvt & Toe of Slope
24+05.5	12.0	Rt.	B.C. " " " "
24+64.5	18.0	Rt.	Edge of Pvt.
25+00.0	9.0	Lt.	" " " & Toe of bank
	16.0	Rt.	" " "
25+17.4	13.0	Lt.	" " " & Mid-Curve Pt.
	7.0	Rt.	" " " " " " "
25+29.0	&		Edge of Pvt.
25+35.22	5.0	Lt.	" " " @ 92° fr. Line back
25+50.0	18.0	Lt.	" " "
	&		" " "
	5.0	Rt.	" " bank
26+00	5.0	Lt.	" " pvt
	11.0	Rt.	" " "
	18.0	Rt.	" " bank
26+09.0	3.0	Lt.	" " pvt.
	12.0	Rt.	" " "
	16.0	Rt.	" " bank
26+47.5	13.0	Rt.	P. Pole #26273Y
27+00	11.0	Lt.	Edge of Pvt. & Ctr. of 14" Corr. Iron Culvert
	6.0	Rt.	" " "
27+04.0	17.0	Rt.	Ctr. of 14" Corr. Iron Culvert
27+56.84	2.5	Rt.	Edge of Pvt
	15.0	Lt.	" " "

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403 Los Angeles County Engineering Bldg.

P6E3095 C.E. #310 6-62

F. B. 3105 PG. 184

Station	OFF-Set		Description
27+97.0	9.0	Rt.	P. Pole # 26277Y
28+00	15.0	Lt.	Edge of Pvt
	6.0	Rt.	" " "
29+00	4.0	Lt.	" " "
	13	Rt.	" " "
29+20.0	℄		Edge of Pvt.
	18.0	Lt.	" " "
	19.0	Lt.	Tel. Pole
29+40.0	19.0	Lt.	Guy Wire
29+50.0	7.0	Lt.	Toe of bank
	2.0	Rt.	Lt. Edge of Pvt.
	17.0	Rt.	Rt. " " "
P.I. # 12 29+82.27	℄		Lt. Edge of Pvt
	15.0	Rt.	Edge of Pvt.
	25	Lt.	Toe of Bank
29+71.0	19.0	Lt.	No. Edge of Wood siding Shed
29+80.0	17.0		So. " " " "
30+00	2.5	Lt.	Toe of bank
	1.0	Rt.	Lt. Edge of Pvt.
	17.0	Rt.	Lt. " " " ℄ Top of bank
30+50	1.5	Lt.	Edge of Pvt.
	4.0	Lt.	Toe " bank
	13.0	Rt.	Edge of Pvt. ℄ Top bank
31+00	4.0	Lt.	" " "
	7.0	Lt.	Toe of bank
	10.0	Rt.	Edge of Pvt
	12.0	Rt.	Top of bank
31+50	11.0	Lt.	Edge of Pvt. ℄ Toe of Bank
	6	Rt.	" " "
	9	Rt.	" " " ℄ Top of bank
32+00	11.0	Lt.	" " " ℄ B.C.
	14.0	Lt.	Toe of bank
	4.0	Rt.	Edge of Pvt. ℄ B.C.
	8.0	Rt.	" " bank
P.I. # 13 32+19.68	10.5	Lt.	" " Pvt
	12.5	Lt.	Toe of bank

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Notes Ck'd by	Survey of FERNWOOD PEAK	F. B. 3105 PG. 185
Map No.	JN 2215.16 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 2-21-67	
Date	Indexed C. I. GALLI	

Station	Off-Set		Description
(P.I. #13) 32+19.68	2.0	Rt	Edge of Pvt.
	9.0	Rt	Top of bank
B.C. 32+54.43	10.0	Lt	Edge of Pvt & BC
	15.0	Lt	Toe of bank
	8.5	Rt	Edge of Pvt. & Top of bank
32+66.4	44.0	Lt	18" Corr. Iron Culvert
32+74.9	6.0	Lt	2' Conc. & Rock Ret. Wall (Beginning)
32+92.4	11.0	Lt	18" Corr. Iron Culvert & Mid-Pt. of Curve
33+05.4	9.0	Lt	5' Corr. Iron Culvert
33+14.4	39.0	Lt	5' " " "
33+27.4	6.5	Rt	End of 2' Wide Conc. & Rock Ret. Wall
Chd. Pt. 33+42.35	18.0	Rt	Edge of Pvt.
	1.0	Lt	" " "
33+50	14.0	Rt	" " " & Top of bank & B.C.
	2.0	Lt	" " " & BC
33+75.8	11.0	Lt	Guy Pole
33+92.0	17.0 Lt & 2	Rt	Edge of Pvt. & Mid Curve Pt
(P.I. #14) 34+06.83	1.0	Lt	Rt. Edge of Pvt.
	26.0	Lt	Lt. " " "
	28.0	Lt	Toe of bank
34+50	14.0	Lt	Edge of Pvt
	15.0	Lt	Toe " bank
	3.0	Rt	Edge " Pvt
	16.0	Rt	" " bank
34+58.2	12.0	Rt	Tel. Pole # 15487
34+62.0	13.0	Lt	Guy Pole # 279674
34+91.93	7.0	Lt	Edge of Pvt
	11.0	Rt	" " "
	15.0	Rt	Toe of bank
35+00	7.0	Rt	Edge of Pvt
	10.0	Rt	Toe of bank
	8.0	Lt	Edge " Pvt.
	11.0	Lt	Toe " Bank
35+33.0	16.0	Lt	Edge of Pvt
	18.0	Lt	Toe of bank
	2.0	Rt	Edge of Pvt.
	7.0	Rt	Top of bank

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S C.E. #310 6-62

F. B. 3105 PG. 196

Station	Off-Set	Description
35+50°	16° Lt.	Edge of Pvt.
	1° Rt.	" "
	10° Rt.	" " "
(P.I. #16) 35+93.91	3° Lt.	" " "
	14° Rt.	" " "
36+50°	12° Lt.	" " " & Toe of bank
	7° Rt.	" " "
	13° Rt.	" " bank
36+70°	8° Rt.	P. Pole # 27970 Y
(P.I. #17) 36+93.91	1° Rt.	Edge of Pvt
	7° Rt.	" " bank
	19° Lt.	" " Pvt & Toe of bank
(P.I. #18) 37+47.26	19° Lt.	" " Pvt & Toe of Bank
	1° Rt.	" " "
	8° Rt.	" " bank
38+00	13° Lt.	" " Pvt.
	6° Rt.	" " "
	9° Rt.	" " bank
(P.I. #19) 38+39.35	17° Rt.	" " Pvt.
	19° Rt.	" " bank
38+58°	12.5 Lt.	Guy Pole # 27974 Y
38+68°	7° Rt.	Tel. Pole # 27972 Y
39+00	18° Lt.	Edge of Pvt, & Toe of bank
	1° Rt.	" " "
	3° Rt.	" " bank
39+50°	19° Lt.	" " Pvt
	2° Rt.	" " "
	10° Rt.	" " bank
40+00	14° Lt.	" " Pvt
	9° Rt.	" " " & Edge of bank
(P.I. #20) 40+23.14	2° Lt.	" " Pvt.
	20° Rt.	" " " & Edge of bank
40+41°	6° Lt.	P. Pole 27973 Y
40+50°	4° Lt.	Edge of Pvt.
	14° Rt.	" " & Edge of bank

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Notes Ck'd by	Survey of FERNWOOD PARK	F. B. 3105 PG. 187
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 2-31-63	
Date	Indexed C. J. GARY	

STATION	OFFSET	DESCRIPTION
41+00	5° L.	E. PUT. & B. BANK
"	14° R	E PUT
"	19° R	T. BANK
41+47.57	4° L.	SLY EDGE PUMT.
"	34° L	NLY " "
41+85	4° L.	E. PUT. & TOE BANK
"	21° R.	E. PUT.
"	31° R.	T. BANK
42+00	1° L	E. PUT & B. BANK
"	18° R	E. PUMT.
"	22° R.	T. BANK
42+28.01	15° L	E. PUMT
"	19° L.	B. BANK
"	10° R	E. PUT. & T. BANK
42+50	15° L.	E PUMT
"	13° L	B. BANK
"	10°	E. PUT & T. BANK
42+75.58	5° L.	E. PUMT.
"	10° L.	B. BANK
"	13° R.	E. PUT. & T. BANK
43+00	14° L.	E PUT. & B. BANK
"	9° R.	E. PUT.
"	13° R	T. BANK
43+50	12° L.	E PUT & B.B.
"	10° R.	" " " "
44+00	6° L	E. PUT & B.B.
"	17° R	E. PUT.
"	[illegible] R	T. BANK

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76F309S CE #310 6-62

F. B. 3105 Pg. 184

Station	Offset	Description
44+50	7° L.	E. Pvt.
"	12° R.	" "
"	22° R.	T. Bank
44+68	11° L.	Int. Pvmt. Weed Trail
45+07	10° L.	" " " "
"	11 R.	E. Pvt. & T. B.
45+30	1° L.	E. Pvt
"	42 L.	T Bank
"	23° R.	E Pvt & B Bank
45+63°	8° L.	E. Pvt
"	11° R.	" " & T. Bank
45+90.35	3° L.	E. Pvt
"	16° R.	E Pvt & B. Bank
46+50	19° L.	E Pvt & T. Bank
"	6° R.	" "
47+00	27° L.	E. Pvt
"	4° R.	" & B. Curb
47+50	21° L.	E. Pvt
	3° R.	" "
48+00	24° L.	E. Pvt.
"	2° R.	" "
48+50	20° L.	E. Pvt. & B. B.
	5° R.	" "
49+77	℄ Line	E. Pvt.
49+37 ±	"	"
49+50°	32° Lt.	E. Pvt.
"	9° R.	" "
	12° L.	T. Bank
49+75°	17° L.	E. Pvt & B. B.
"	14° R.	E Pvt
50+00	18° L.	E. Pvt & B. Bank
"	18° L.	" T. Bank
"	2° R.	"

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Notes Ck'd by	Survey of Tea Fernwood Hill	F. B. 3105 Pg. 189
Map No.	JN 22151.4 Tape Std °F	
Office Work	Surveyed by Lind	
Checked	Notes Lind Date 2-21-63	
Date	Indexed S. J. Gall	

Station	Offset	Description
50+29	2° L.	E. Put. & B.B.
"	29° R.	" "
"	39 R.	T. B.
50+50	π-Line	W. Ly Ed Put
"	20° R.	E. Put.
"	35° R.	T. Bank
51+00	17 L.	E. Put. & B.B.
"	1° R.	E. Put
"	3° R.	T. B.
51+25	15° L.	E Put & B.B.
"	2° R.	E Put
"	5° R.	T. B.
51+50	6° L.	E. Put & B.B.
"	12° R.	E. Put.
52+00	π-Line	E. Put.
"	19°	E. Put. & T.B.
52+50	4° Lt.	E. Put. & B.B.
"	15° R.	E. Put.
"	20 R.	T. Bank
53+00	7° L.	E Put. & B.B.
	16° R.	E. Put
	20° R.	T. Bank
53+50	9° L.	E. Put. & B.B.
"	12° R.	E. Put
"	18° R.	T. Bank
53+90	℄	E. Edge Pvmt.
"	8° R.	E. Bank
"	20° L.	E. Put. & B.B.
54+00	4° L.	E. Put.
"	23 L.	" "
"	3° R.	T. Bank

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76F3095 C.E. #310 6-62

F. B. 3105 PG. 190

STATION	OFF SET		DESCRIPTION
54+50	9°	L.	E. Put & B.B.
"	9°	R.	E P.C
"	13°	R.	T. Bank
54+97.35	5°	L.	E Put
"	12°	R	" "
"	18°	R	T. B.
55+50	23°	Lt	E. Put
	31°	Lt	T. Bank
	2°	Rt	E. Put
	7°	Rt	T. Bank
55+65°	25°	Lt	Int. of P.mts. of Grandview & Short Tr.
55+69°	19°	Rt	Int of P.mts. of Grandview & Topanga Cyn Blvd
55+90°	12°	Lt.	" " " Grandview & Short Tr.
56+00	9°	Lt	E. Put
	12°	Lt	Toe of Bank
56+50	2°	Lt.	
	5°	Rt. Lt.	E. Put & Int. of P.mts. of Grand-view & Topanga Cyn. Blvd.

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Profile No.	Notes Red	Plotted	Job No. 2215.14	Division No. 11	F.B. 3105 PG. 191
	Date	Date	Survey of ZIIA FERN WOOD PEAK		
X-Sec. No.	Notes Chkd.	Checked	Survey by LIND	Notes CKL Date 2-25-63	
	Date	Date	Map No.	Indexed R. J. GALLI Date MAR 8 '63	

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76-L298 CE 307 3-61

	L/N 2215.14 ZIIA FERN WOOD PEAK
	PROFILE LEVELS ALONG THE CENTER OF EXISTING PVMT OF GRAND VIEW DRIVE
ELEV.	FROM: SLY LINE OF TRACT 5664
F.S.	TO: TOPANGA CANYON BLVD
H.I.	FOR CONTROL LINES FEB 1963 SEE FB 3105 PGS 147-174 LIND
B.S.	MALDONADO ROD RIGUEZ R
STATION	ROD RIGUEZ R

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF GRAND VIEW DR
	PROFILE LEVELS		CONT.	FROM	FB 3109 -
TBM	3 19	1028 15		1024.96	TBM, EL = 1024.96 PER FB 3109 - GRANDVIEW DR ELY SIDE 12 E ELY FROM ℄ GRANDVIEW DR 3 E SLY FROM GUY POLE # 154991 BT SPK & TIN IN TOP OF SAND STONE ROCK NEAR HOUSE # 14104
17+02.85			3 04	1025 11	P.I. # 9 (MAC PUMT)
T.P.	0 67	1018 01	10 81	1017 34	
17+50			3 27		5° L. CTR MAC PUMT
T.P.	0 77	1007 76	11 02	1006 99	
18+00			2 92	1004 84	3° L. " " "
18+50			10 92	996 84	3° R. " " "
T.P.	0 35	997 07	11 04	996 72	
19+00			5 98	991 09	3° R. " " "
19+50			10 97	986 10	" " "
T.P.	1 18	986 82	11 43	985 64	
20+00			6 06	980 76	℄ " " "
20+50			11 86	974 96	℄ " " "

F.B. 3109 PG. 192 Job No. 2215.14 Division No. 11 Notes Red Date Plotted Date Profile No. X-Sec. No.
Survey of ZEA FERNWOOD PEAK Notes Chkd. Date Checked Date
Survey by [illegible] Notes [illegible] Date
Indexed

76-L298 CE 307 3-61

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Profile No. ____ Notes Red ____ Plotted ____ Job No. 22.5 Division No. 11 F.B. 2305 Pg. 19
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ZZZ FEATHERWOOD ESTATES
Date ____ Survey by C.H.S. Notes CHS Date 2-21-63
Date ____ Map No. ____ Indexed C. J. CALL Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF GRAND VIEW DR
		986 82			
T.P.	022	975 24	11 80	975 02	
21 + 00			562	969 62	2° Lt. CTR. MAL. PUNT.
21 + 50			979	965 45	4° Lt. " " "
T.P.	174	965 21	11 77	963 47	
22 + 00			294	962 27	4° Lt. " " "
22 + 50			567	959 54	6° Lt. " " "
23 + 00			818	957 03	6° Lt. " " "
23 + 50			1087	954 34	3° Lt. " " "
T.P.	078	954 76	11 23	953 98	27 + 57
24 + 00			417	950 59	℄ " " "
24 + 36			766	947 12	℄ " " "
24 + 50			779	946 97	℄ " " "
TBM	424	947 34	11 66	943 10	INT. GRAND VIEW DR & OBSERVATION DR
					A 3/4" I.P. WOOD PLUG + ⊙ RI.
25 + 00			525	942 09	3° Rt. CTR. MAL. PUNT.
25 + 50			803	939 31	6° Lt. " " "
26 + 00			970	937 64	4° Rt. " " "
26 + 50			1086	936 48	2° Rt. " " "
T.P.			1086	936 48	26+50 P.L.

76-L298 CE 307 3-61

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F.B. 3105 Pg. 194 | Job No. 22.5.14 Division No. 11 Notes Red Plotted Profile
Survey of ZE 11 Feet W/S of Line Date No. X-Sec.
Survey by Line Notes Notes Chkd. Checked
Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE OF GRAND VIEW DR	
TP	5 02	9 41 50		936 48		
27+00			5 37	936 13	3° Lt. CTR	FAC AUT.
27+50			4 83	936 62	6° Lt "	" "
28+00			4 62	936 88	5° Lt. "	" "
28+50			4 36	937 14	℄ "	" "
29+00			3 54	937 96	6° Rt. "	" "
29+50			3 07	938 41	9° Rt. "	" "
TP	5 87	9 44 29	3 09	939 42	29+50 PC.	
30+00			6 65	937 64	7° Rt "	" "
30+50			7 02	937 27	5° Rt "	" "
31+00			5 97	938 32	4° Rt. "	" "
31+50			2 27	942 02	1° Lt. "	" "
32+00			0 76	943 53	5° Lt. "	" "
TP	6 02	9 49 54	0 77	943 52	32+00	
32+54.3			4 99	944 55	℄ "	" "
32+66.4			5 97	943 57	PC. 18 Cntr	S. Side 44° Lt.
32+92.4			11 72	937 82	PC. 12 Cntr	N. Side 11° Lt.
33+05.4			21 00	929 54	PC. 60" Cntr	N. Side 9° Lt.
33+14.4			13 11	936 43	PC 60" Cntr	S. Side 39° Lt.
33+00			2 89	941 79	22° Lt. CTR	MAG. BRG.
33+50			7 93	941 61	6° Rt.	

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF GRAND VIEW DR
		949 54			
	3 08	944 73	7 89	941 65	
34+00			5 10	939 63	10° L CTR MAC PVMT
+50			7 34	937 39	5° L. " " "
35+00			11 03	933 70	℄ " " "
T.P.	0 90	934 60	11 03	933 70	35+00 P.K.
35+50			5 10	929 50	6° LT. CTR MAC PVMT
36+00			10 14	924 46	5° RT " " "
T.P.	0 96	923 94	11 62	922 98	36+15 NEXT TO CONC. DR.
36+50			4 66	919 28	3° Lt. Ctr. Mac Pvmt.
37+00			9 78	915 16	8° Lt " " "
T.P.	1 08	913 33	11 69	912 25	36+25 3' fr. Right Edge of Pvmt.
37+50			3 24	910 09	8° Lt. Ctr. Mac. Pvmt.
38+00			6 62	906 71	2° Lt. " " "
38+50			8 68	904 65	5° Rt. " " "
39+00 T.P	0 35	902 11	11 57	901 76	39+00 1' fr. Right Edge of Pvmt
39+00			0 27	901 84	9° Lt. Ctr. Mac Pvmt.
39+50			4 04	898 07	7° Lt. " " "
40+00			9 96	892 15	4° Lt " " "
T.P.	1 55	891 73	11 93	890 18	40+23.14 Sq. hd. & Tin (3' tie to EC)
40+50			3 42	888 31	5° Rt. Ctr. Mac Pvmt.

Profile No. ____ Notes Red ____ Plotted ____ Date ____ Job No. 2215 Division No. 11 F.B. 3/05 Pg. 195
X-Sec. No. ____ Date ____ Notes Chkd ____ Date ____ Checked ____ Date ____ Survey of [illegible] Survey by [illegible] Notes [illegible] Date 2-21-63
Map No. ____ Date ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd Date
Division No. 11 Job No. 22 15.14
Notes Malibu Canyon Road
Survey of Z II A Formwood Road
Survey by Lind
Indexed Date

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
41+00		89173	725	88348	5° Right	Ctr. Mac Pvmt.
T.P.	083	88264	992	88181	41+28 1° fr. Rt. Edge of Pvmt.	
41+50			196	88068	12° Lt.	Ctr. Mac Pvmt.
42+00			1025	87239	8° Rt.	" "
T.P.	038	87156	1146	87118	42+10 5' fr. Lt. Edge of Pvmt.	
42+50			400	86750	4° Lt.	Ctr Mac Pvmt.
43+00			886	86270	2 Lt.	" " "
T.P.	024	86075	1105	86051	43+65 3' fr. Lt Edge of Pvmt.	
43+50			404	85671	3° Lt.	Ctr. Mac Pvmt.
44+00			956	85119	7 Rt.	" " "
TP	240	85211	1104	84971	44+09 03 Sq. Rd. S.T. 3' Tie to Rt. Int. Webb Trail	
44+50			735	84476	5° Rt.	Ctr. Mac Pvmt.
TBM	118	84210	1119	84092	TBM P.K. @ Sta. 44+75 "Ctr. Rd."	
45+00			500	83710	Ctr. Mac Pvmt.	
			1058	83152	9' Rt.	Ctr. Mac Pvmt.
T.P.	103	83193	1120	83090	45+60 2' fr. Lt. Edge of Pvmt.	
46+00			507	82680	5° Rt.	Ctr. Mac Pvmt.
46+50			870	82323	4° Lt.	" " "
47+00 T.P.	134	82219	1108	82085	Ctr. of Mac Pvmt.	
47+50			386	81833	10° Lt.	Ctr. Mac Pvmt.
48+00			712	81507	8° Lt.	" " "

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
48+50		822 19	1055	81164	8° Lt.	Ctr. Mac Pvmt
T.P.	097	81236	1080	81139	48+75	4' fr. Rt. Edge of Pvmt
48+75			354	80882	25° Lt.	Ctr. Mac. Pvmt.
49+50			497	80737	9° Lt	" " "
50+00			1123	80113	2° Lt	" " "
T.P.	343	80447	1132	80104	50+04 12	Aux. Pt. Bt SPK. W.&T.
50+50			632	79815	9° Rt.	Ct. Mac. Pvmt.
51+00			939	79508	8° Lt	" " "
T.P.	030	79368	1109	79338	51+25	2' fr. Lt. Edge of Pvmt.
51+50			380	78988	5° Lt.	Ctr. Mac. Pvmt.
52+00			758	78610	10° Rt.	" " "
T.P.	222	78438	1152	78216	52+30	P.K. 6' fr. Lt. Edge of Pvmt.
52+50			383	78055	6° Rt.	
53+00			1024	77414	4° Rt	Ctr. Mac Pvmt.
T.P.	074	77421	1091	77347	53+07	P.K. Ctr. of Mac Pvmt.
53+50			634	76787	2° Rt.	Ctr. Mac Pvmt.
			1145	76276	11° Lt.	" " "
T.P.	112	76462	1071	76350	53+92	P.K. 2' fr. Rt. Edge Pvmt.
54+50			783	75679	Ctr.	Mac Pvmt.
T.P.	250	73573	1139	75323	54+75	P.K. 3' fr. Lt. Edge of Pvmt.
55+00			595	74978	3° Rt.	Ctr. Mac Pvmt.

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 4 F.B. 3105 Pg. 197
No. ____ Date ____ Date ____ Survey of ZEA FERNWOOD PEAK
X-Sec. Notes Chkd ____ Checked ____ Survey by LWD Notes W.H. Date 2-26-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
		755 73			55+33	P.K. 4 Ft. Lt. Edge Pvmt
TP	2 41	746 91	11 23	744 50		
55+50			3 96	742 95	10' Lt.	Ctr. Mac. Pvmt.
55+94 25 T.P.	0 88	739 09	8 70	738 21	55+94 25	Bt. SPK W. & T.
T.P	7 82	740 19	6 72	732 37	P.K	S.W. Ed. of Pvmt. on Topanga Cyn. Blvd
T.P	3 62	738 13	5 68	734 51	P.K.	No. " " " " " " "
BM 56-7			3 19	734 94	BM 56-7	Prelim. = 734.889
					for Description See F.B. 2832-13.	

F.B. 3105 PG. 198 Job No. 2215.14 Division No. 11 Notes Red Plotted Profile
Survey of ZZA FERNWOOD DEAK Date Date No. X-Sec.
Survey by LIND Notes Chkd Checked No.
Indexed Date Date

Notes Ck'd by	Survey of IIA FERNWOOD PEAK
Map No.	JN 0302.00 Tape 151 Std 84 °F.
Office Work	Surveyed by C. E. LUND
Checked	Notes LUND Date 3-4-63
Date	Indexed S. J. Gatti MAR 8 '63

F. B. 3105 Pg. 207

L.N. 0303.00

IIA FERNWOOD PEAK

CENTER-LINE RE-TRACEMENT

OF

WEBB TRAIL

FROM: GRANDVIEW DR

TO: LINK TRAIL

FEB. 1963

LUND
MALDONADO
RODRIGUEZ P.C.
RODRIGUEZ P.R.
ALVAREZ

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76F3095 CE #310 8-62

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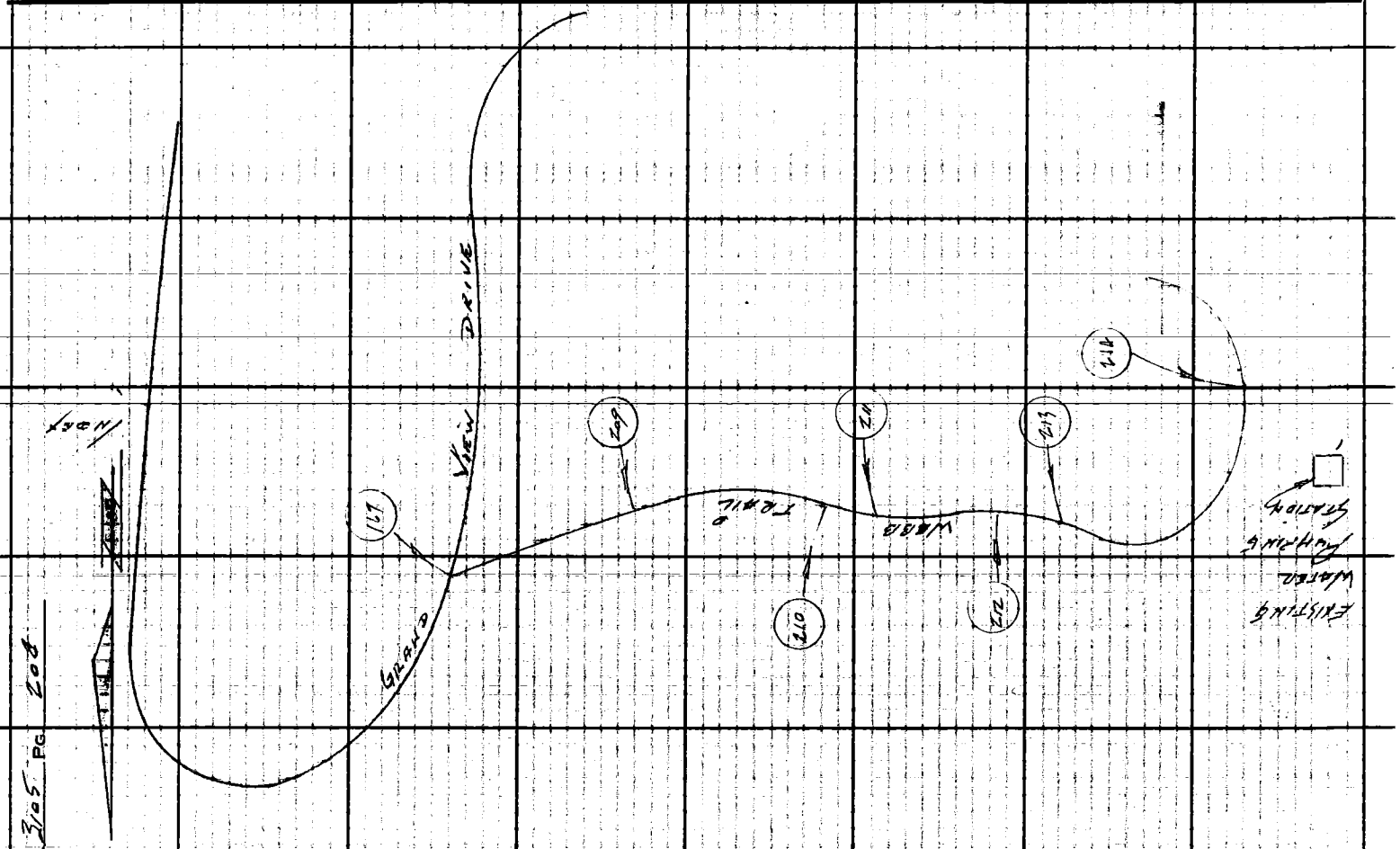

Notes Ck'd by	Survey of ZEA FERNWOOD PEAK
Map No.	JN 0303.00 Tape 151 Std 84 °F
Office Work	Surveyed by L. K. LIND
Checked	Notes LIND Date 2-26-67
Date	Indexed J. GALLI

F. B. 3105 PG. 209

CONT. ON LT. PG 167

CONT. ON TOP PG 210

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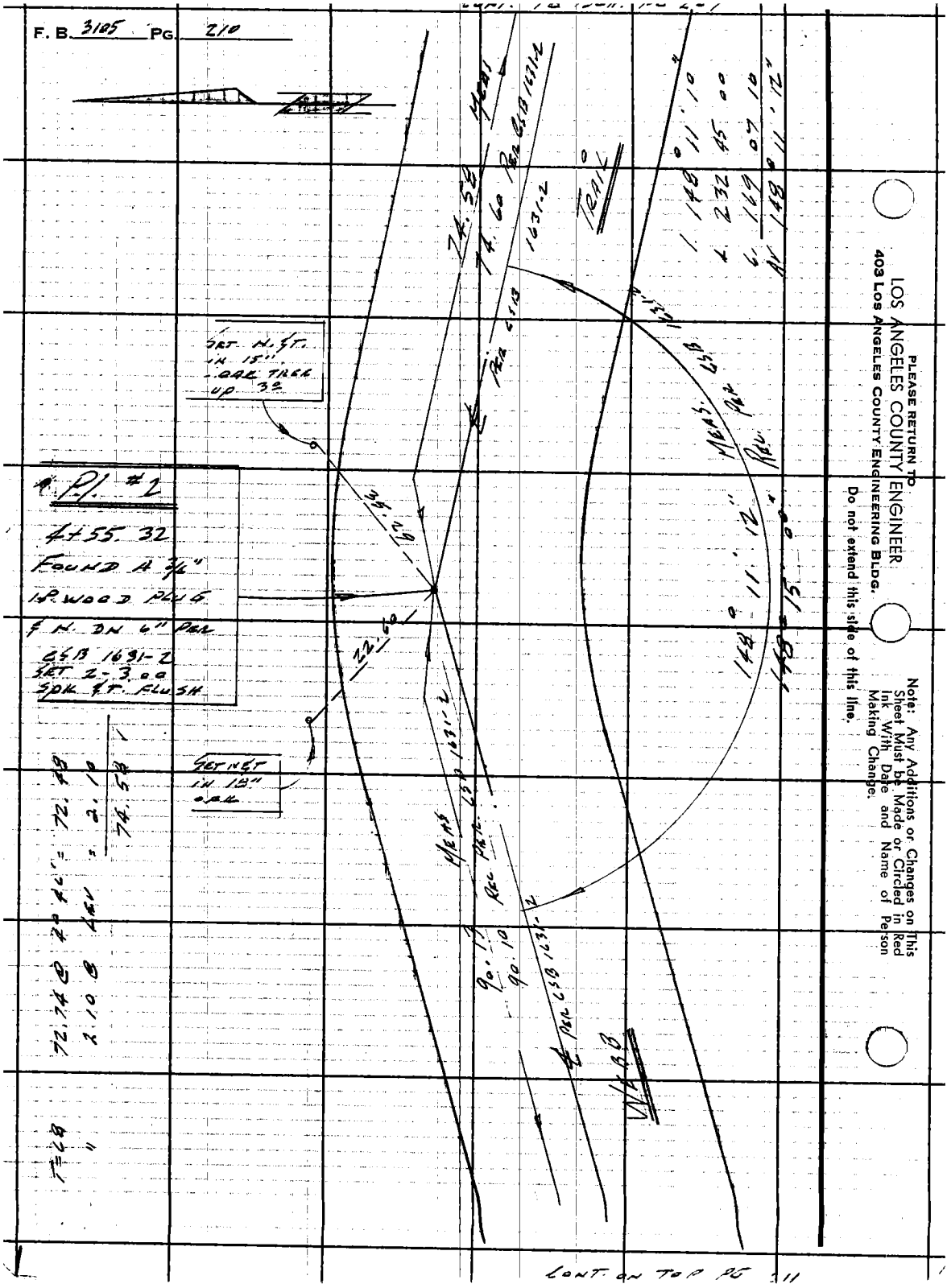
76F309S CE # 310 3-61

F. B. 3105 PG. 210



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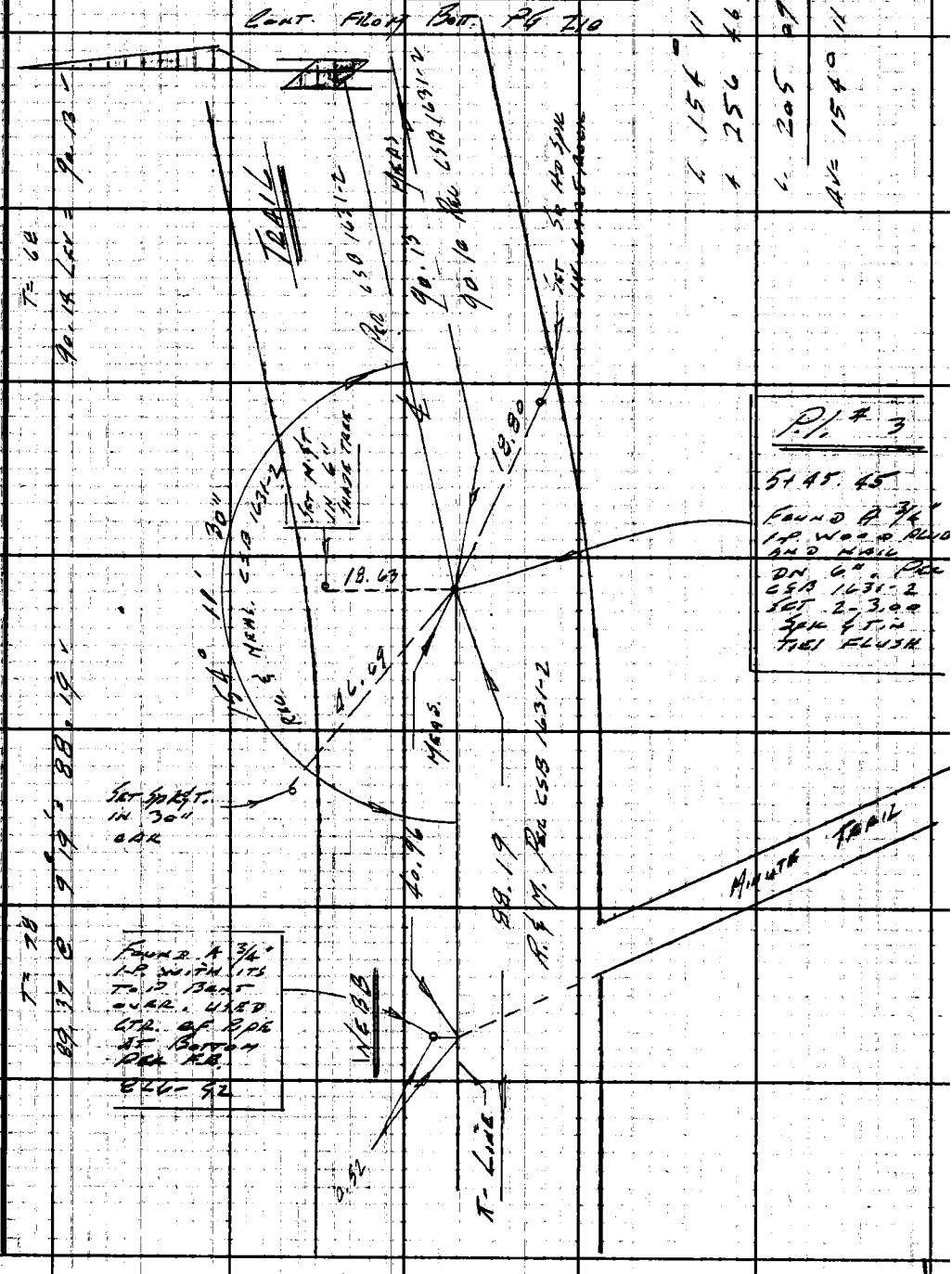
Notes Ck'd by	Survey of Z#4 Fern Wood Peak
Map No.	JN 030300 Tape 151 Std 84 °F
Office Work	Surveyed by C. K. Lind
Checked	Notes Lind Date 2-1-63
Date	Indexed C. J. GALLI

F. B. 3105 PG. 210



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W.S. 89 A-3

76F3095 C.E. #310 6-62

F.B. 3105 PG. 212 Cont. From Bott PG 211

T.P.I. # 4

6+33.64

Made a thorough search for 3/4" I.P. per CSB 1631-2. Found nothing. Set a 1" I.P. with plug & L.S. tag dn 12" rel ₤ & distance from PI #3 per CSB. 1631-2

Set 2-3oc S&T. ties flush

Cont. on Top PG 217

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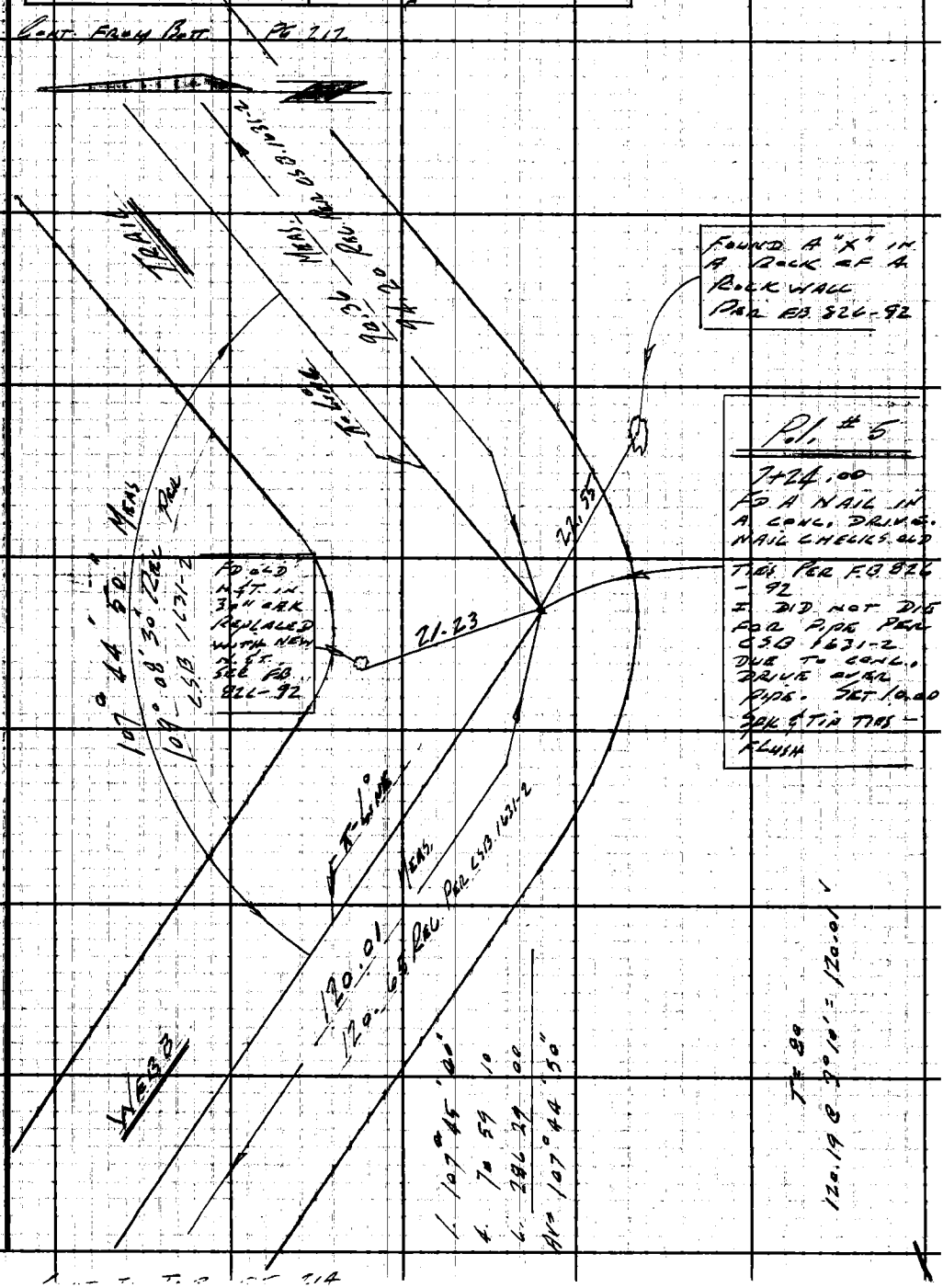
Notes Ck'd by	Survey of: IDA FERN WOOD PEAK
Map No.	JN 0303.00 Tape 151 Std 84 °F
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 3-1-63
Date	Indexed C. J. GALLI

F. B. 3105 PG. 213



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76F309S C.E. #310 6-62

F. B. 3105 PG 214

Cont to Bott PG 213

W.S. 89 C-3

Pal. # 6

8+44.01

Found A 3/4" I.P.

Wood Plug & N. Dn.

6" Per CSB 1631-2

And By Old Ties

Per F.B. 826-92

Fd Old N.&T.

in 18" Oak

Ref. F.B. 826-92

Fd N.&T.

in Root

of 30" Oak

Ref FB 826-92

1. 95° 35' 10"

4. 22 20 40

6. 213 30 50

Al. 95° 35' 08"

T. Pal. # 7

9+18.22

Made Search For

3/4" I.P. Per CSB

1631-2 Found Nothing

Set A 1" I.P. Cem.

Plug & CE Tag

Dn. 8" Record

From Pal. # 6 Per

CSB 1631-2

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Notes Ck'd by	Survey of ZIA FERNWOOD PEAK F. B. 3105 Pg. 221
Map No.	JN 3033.20 Tape 157 Std 84 °F
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 3-4-63
Date	Indexed C. J. CALLI MAR 8 '63

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J.N. 2215.14

ZIA FERNWOOD PEAK

LOCATION OF IMPROVEMENTS

ALONG

WEBB TRAIL

FROM: GRAND VIEW DR.

TO : LINK TRAIL

MARCH - 1963

LIND

MACDONALD

RODRIGUEZ RD.

RODRIGUEZ R.R.

ALVAREZ

FOR CONTROL SEE:

F.B. 3105 Pgs 167-168

" Pgs 209-214

NOTE:

ALL OFFSETS ARE @ 90° TO

BACK TANGENTS.

76F3095 C.E. #310 9-62

F. B. 3105 PG. 122

STATION	OFFSET		DESCRIPTION
0+39	1.0	Rt	Edge of Pvmt
0+50	7.0	Rt.	" " " Int. of Grandview Dr. & Webb Tr. Pvmts.
0+73.0	6.0	Lt.	" " " Int. of Grandview Dr. &
1+00	4.5	Lt	" " " & Toe of Slope
	12.0	Rt.	" " "
1+50.0	3.0	Lt.	" " " & " " " "
	10.0	Rt.	" " "
	12.0	Lt	" " bank
1+64.93	15.0	Rt.	" " Pvmt @ 90° to back Line
	16.0	Rt.	" " bank " " " "
2+00	8.0	Lt.	" " Pvmt.
	4.0	Rt.	" " "
	7.0	Rt.	" " bank & 12" Oak Tree
2+50	6.0	Lt.	" " Pvmt
	6.0	Rt.	" " "
	9.0	Rt.	36" Oak Tree
3+00	6.0	Lt.	Edge of Pvt & Toe of bank
	5.0	Rt.	" " "
	9.0	Rt.	" " bank
3+50	8.0	Lt.	" " Pvmt
	10.0	Lt.	Toe of Slope
	4.0	Rt.	Edge of Pvmt.
P.T. #1	10.0	Rt.	" " bank
3+80.74	5.0	Lt.	" " Pvmt & Mid-Pt. of Curve
	8.0	Lt.	Toe of bank
	6.0	Rt.	Edge of Pvmt
	9.0	Rt.	3-10" Prong Shade Tree
4+00	7.0	Lt.	Edge of Pvmt.
	10.0		Toe of bank
	5.0	Rt	Edge of Pvmt.
4+50	6.0	Lt.	" " " & Toe of bank
	5.0	Rt.	" "
	32.0	Rt.	" " bank
P.T. #2	7.0	Lt.	" " Pvmt & Toe of Slope
4+55.32	4.5	Rt.	" " "
	13.0	Rt.	" " bank

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F. B. 3105 Pg. 224

Station	Off Set	Description
9+13.9	Ctr. Line	Rt. Edge of Pvmt.
9+18.22	6.0' Lt.	Rt. Edge of Pvmt. @ 90° to back Line
	26.0' Lt.	Lt. " " " " " " "

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Profile No. | Notes Red. Date | Plotted Date | Job No. 2215.14 | Division No. 11 | 3105 225
X-Sec. No. | Notes Chkd. Date | Checked Date | Survey of ZIIA FERN WOOD PEAK
Survey by E.W. LIND | Notes MALDONADO | Date 3-4-63
Map No. | Indexed G. J. GALLI | Date MAR 8 '83

L.N. 2215.14

ZIIA FERNWOOD PEAK

PROFILE LEVELS ALONG THE CENTER OF EXISTING PVMT. ON WEBB TRAIL

ELEV.	FROM: GRANDVIEW DR TO: LINK TRAIL
F.S.	FOR CONTROL SEE MARCH 1963 LIND
H.I.	EB 3105- PGS 167-168 " " " 207-214 MALDONADO RODRIGUEZ RE RODRIGUEZ RE
B.S.	ALVAREZ
STATION	

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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	PROFILE OF WEBB TRAIL
TBH				840 92	TBM EL= 840.92' PER F.B. 3105-196 P.K. @ STA 44+75 CTR PUMT OF GRAND VIEW DR.
	3 81	844 73			
0+50			6 61	838 12	6' Lt. Ctr. Mac. Pvmt
1+00			4 60	840 13	3' Rt. " " "
1+50			3 82	840 91	4' Rt. " " "
1+98.0			8 40	836 33	FL 24 CMP 16.5 RT
2+00			2 79	841 94	3° Lt. CTR EXIST. PVMT
2+21.5			3 97	840 76	15.5 Lt. FL. 24" CMP
T.P.	10 60	854 33	1 00	843 73	2+28 PK 2' from Lt Edge of Pvmt.
2+50			7 85	846 48	Ctr. of Mac Pvmt
3+00			3 55	850 78	1° Lt. Ctr. Mac Pvmt
TP	11 98	865 86	0 45	853 88	3+40 PK 2° from Rt. Edge of Pvmt
3+50			10 80	855 06	2° Lt. Ctr Mac. Pvmt
4+00			4 00	861 86	Ctr. Mac. Pvmt.
T.P.	9 79	875 31	0 34	865 52	4+25 PK 3°
4+50			7 14	868 17	Ctr. Mac. Pvmt
5+00			1 07	864 24	3° Rt. " " "
T.P.	11 41	886 13	0 59	874 72	5+06 Ctr. Mac. Pvmt. (PK)
5+50			6 30	879 83	7° Rt. Ctr. Mac. Pvmt.

F.B. 3105 Pg. 226 Job No. 2215.14 Division No. 11 Notes Red Plotted Profile
Survey of IRA FERNWOOD PEAK Date Date No. X-Sec.
Survey by LIND Notes MALDONADO Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE OF WEBB TRAIL
6+00 T.P.	11 52	886 13 / 897 45	0 20	885 93	
			0 10	886 03	4° Rt. Ctr Mac Pvmt
6+50			4 40	893 05	1° Lt. " " "
T.P.	9 64	906 42	0 67	896 78	6+75 P.K. 5'
7+00			7 88	898 54	6° Rt. Ctr Mac. Pvmt.
7+50			3 63	902 79	
T.P.	6 16	909 66	2 92	903 50	
7+63.5			7 28	902 38	33° Lt. Pl. 24" C.M.P.
" "			10 38	899 28	20° Rt. " " "
8+00			3 82	905 84	3° Lt. Ctr Mac Pvmt
T.P.	10 30	919 56	0 40	909 26	8+22 P.K. 4° from Lt. Edge of Pvmt.
8+50			8 45	911 11	14° Lt. Ctr. Mac. Pvmt
9+00			0.69	918 87	2° Lt " " "
8+22 T.P.	0 49	909 75	10 30	909 26	8+22 P.K. 4° from Lt. Edge of Pvmt
T.P.	0 93	901 34	9 34	900 41	Sq. hd. & Tin 10' Tie To P.I. #5
T.P.	0 45	891 28	10 51	890 83	" " " " 3' " " P.I. #4
T.P.	1 88	881 38	11 78	879 50	Nail & Tin 3' " " P.I. #3
T.P.	0 73	870 16	11 95	869 43	Sq. hd. & T. 3' " " P.I. #2
T.P.	0 28	859 49	10 95	859 21	
T.P.	0 67	850 16	10 00	849 49	Small Rock 2+80 Lt. Edge Pvmt
TBM			9 22	840 94	TBM Elev 840.92 Per FB 3105-196 & 226

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 2215.14 Division No. 11 F.B. 3105 Pg. 227
X-Sec. No. ___ Date ___ Date ___ Survey of Zea Fern Wood Park
Notes Chkd. ___ Checked ___ Survey by Lind Notes Lg. Date 3-5-63
Date ___ Date ___ Map No. ___ Indexed J. Gaill Date ___

Notes Ck'd by _____ Survey of Zaca Fence-Road F. B. 3105 PG. 223
Map No. _____ JN 2215 Tape _____ Std _____ °F.
Office Work _____ Surveyed by Lind
Checked _____ Notes 4/14 Date 3-4-63
Date _____ Indexed R. J. GALLI

Station	Offset		Description
4+77.5	10°	Rt	18" Oak Tree
5+00	2°	Lt	Edge of Pvmt.
	4°	Lt	Toe " bank
	8°	Rt	Edge " Pvmt.
	12°	Rt	" " bank
P.I. #3 5+45.45	Mid-Pt of Curve		
	Ctr. Line		Toe of Slope &
	2°	Rt	Lt. Edge of Pvmt
	15°	Rt	Rt. " " "
	18°	Rt	Edge of bank
6+00	3°	Lt	" " Pvmt. & Toe of Slope
P.I. #4 6+33.64	10°	Rt	Edge of Pvmt
	15°	Lt	" " " & Toe of Slope
	3°	Rt	" " "
6+33.64			Mid-Pt. of Curve (Lt Edge of Pvmt)
6+50	8°	Lt	Edge of Pvmt & Toe of Slope
	7°	Rt	" " "
7+00	1°	Lt	" " "
	17°	Rt	" " "
7+20°	1°	Lt	Cor. of Conc. Dr. Way
P.C. #5 7+29.00	7°	Rt	Lt. Edge of Pvmt
	18°	Rt	Rt " " "
7+29.0°	Ctr. Line		Cor. of Conc. Dr. Way
7+37°	Ctr. Line		Lt Edge of Pvmt. &
	12°	Rt	3-14" Pine Tree & Mid-Pt of Curve
7+50	7°	Lt	Edge of Pvmt.
	7°	Rt	" " "
8+00	9°	Lt	" " "
	3°	Rt	" " "
8+44.01	10°	Lt	Rt. Edge of Pvmt. @ 90° fr. back line
	29°	Lt	Lt. " " " " " " "
8+44.01	23°	Lt	Mid Pt of Curve & Toe of Slope
8+87.0°	6°	Lt	Edge of Pvmt.
9+00	10.5	Lt	" " "
	7.0	Rt	" " "

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26F3095 CE #310 8-62

X

Notes Ck'd by C. RUBENACKER	Survey of ZOC TUNA CYN. NORTH	F. B. 3105 PG. 235
Map No.	JN 2215.14 Tape 151 Std 84 °F	
Office Work	Surveyed by C. K. LIND	
Checked	Notes LIND Date 3-2-63	
Date	Indexed C. J. GALLI MAR 12 '63	

U.N. 2215.14

TUNA CANYON NORTH

ZIIC

RE-ALIGNMENT OF HEARST

WATER LINE EASEMENT

FROM: SLY LINE OF SEC. 24
T-1-S R-17 W

TO: INT. WITH TUNA CYN RD

REFER. FB 3105 PGS 5-20

MARCH 1963

LIND
MALDONADO
RODRIGUEZ R.W.
RODRIGUEZ R.C.
ALVAREZ

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76F3095 CE #310 6-62

F. B. 3105 PG. 232

FOR INDEX

SEE F.B. 3105 - 6

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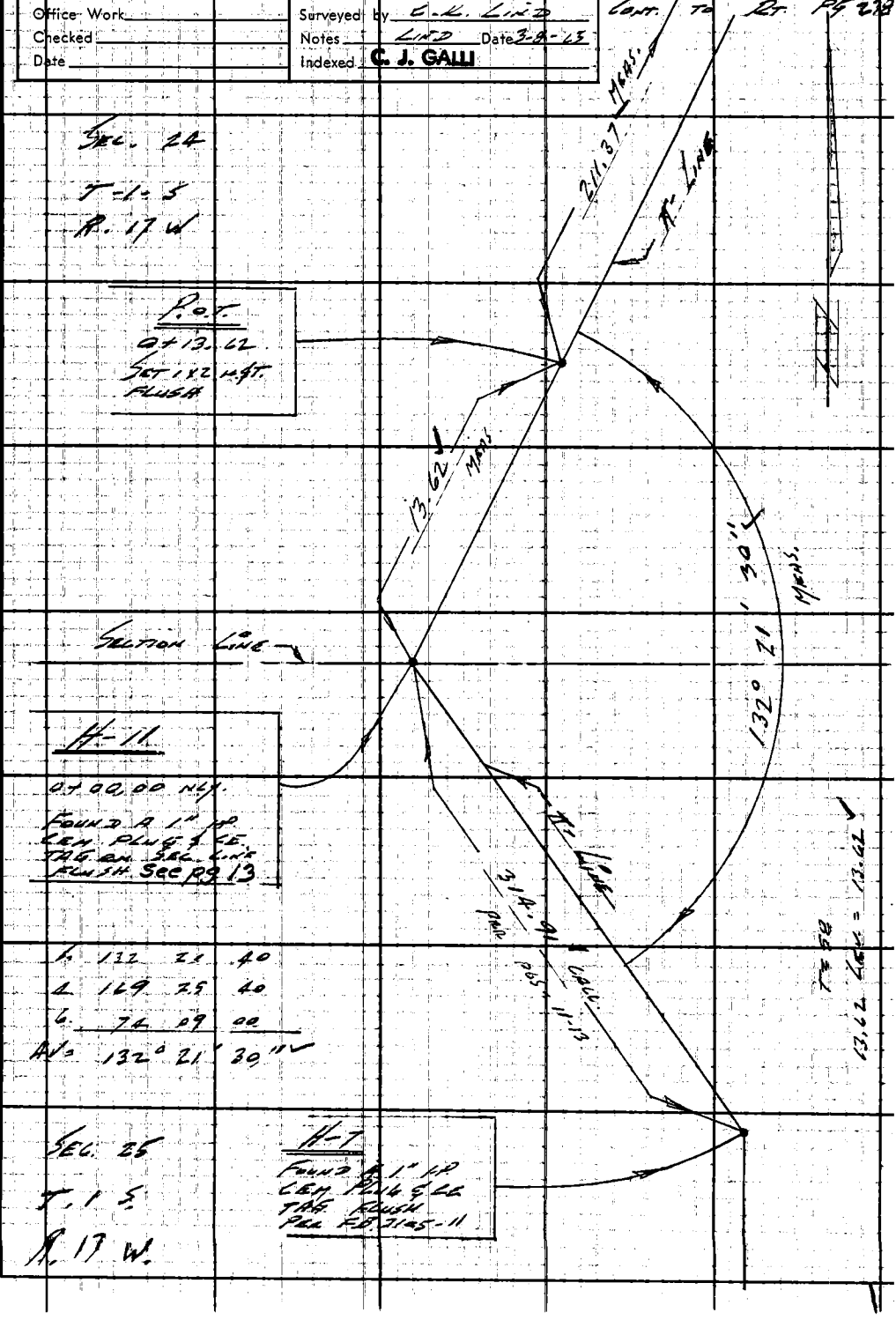
Notes Ck'd by C. RUBENACKER	Survey of HEADGT EASEMENT
Map No.	JN 2215.14 Tape 151 Std 84 °F
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 3-8-63
Date	Indexed C. J. GALLI

F. B. 3105 PG. 237

CONT. TO RT. PG 238



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W.S. 89 C4

76F309S CE #310 6-62

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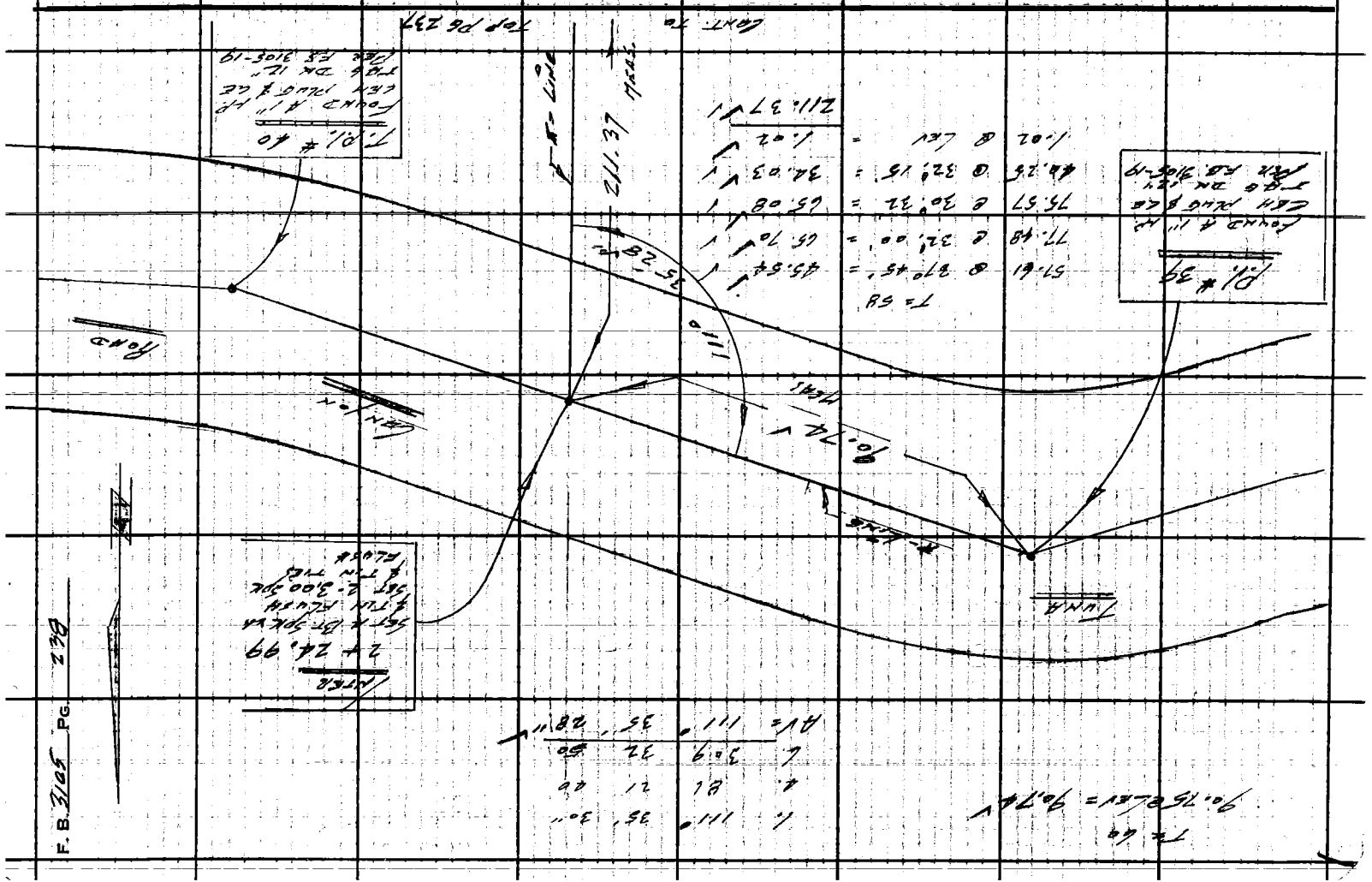
U.S. 89 C-4



F. B. 3015 PG. 8&1

ZDC

Notes Ck'd By RUBENACKER
Map No.
Office Work
Checked
Date

Survey of TUNA CYN. NORTH
JN 2215.14 Tape 151 Std 64 °F
Surveyed by LIND
Notes LIND Date 3-9-63
Indexed B. J. GALLI MAR 12 '63

F. B. 3105 Pg. 234

ZDC

JN 2215.14

TUNA CANYON NORTH

LOCATION OF IMPROVEMENTS

ALONG

NEW ALIGNMENT OF

HEARST WATER LINE EASEMENT

FOR CONTROL LINES

SEE F.B. 3105 PGS- 235-238

3-11-63

LIND
MALDONADO
RODRIGUEZ R.L.
RODRIGUEZ R.R.
ALVAREZ

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76F3095 C.E. #310 6-62

F. B. 3105 PG. 240

STATION	OFFSET	DESCRIPTION	
0+13 ℄	10 Rt	BRUSH	
	10 Lt	BRUSH	
0+40 ℄	10 Rt	5"	OAK
	10 Lt	BRUSH	
0+63 ℄	4' Rt	5 PRONG	4" OAK
	3' Lt	5 PRONG	2" Hedge
0+74 ℄	10' Rt	HEAVY	BRUSH
	5' Lt	5"	OAK
0+92	10' Rt	BRUSH	
	4' Lt	6"	OAK
1+11 ℄	5' Rt	4"	OAK
"	2' Lt	HEAVY	BRUSH
1+27 ℄	7' Rt	2 PRONG	8" OAK
"	10' Lt	8"	OAK
1+36 ℄	3' Rt	2 PRONG	8" OAK
1+42 ℄	5' Lt	6"	OAK
1+45 ℄	7' Lt	8"	OAK
1+50 ℄	4' Lt	6"	OAK
1+54	10' RT	LIGHT	BRUSH
"	10' Lt	"	"
1+72 ℄	6' Rt	14"	OAK
1+77 ℄	4' Lt	4"	OAK
1+89 ℄	10' Rt	2-8"	OAK
"	10' Lt	LIGHT	BRUSH
2+13 ℄	TRANSIT, LN		

SLY Edge Tuna Canyon Rd

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Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 2215.14 Division No. 11 | 3165 241

X-Sec. No. ____ Notes Chkd. C. RUBENACKER Date ____ Checked ____ Date ____ Survey of ZIIC TUNA CYN. NORTH

Survey by LIND Notes LIND Date 3-11-63

Map No. ____ Indexed C. J. GALLI Date MAR 12 '63

ZIIC

UN 2215.14

TUNA CANYON NORTH.

PROFILE ELEVATIONS OVER NEW ALIGNMENT OF HEARST WATER LINE EASEMENT.

ELEV. FOR CONTROL LINES

SEE F.B. 3105- PGS-

F.S. 235- 238

H.I. 3-11-63

LIND

B.S. MALDONADO

RODRIGUEZ R.U.

STATION RODRIGUEZ R.R.

ALVAREZ

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76L-298 CE 307 11-58

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Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red Date C. RUBENACKER Notes Date

Division No. 11 Job No. 242 Notes MAL DON 4 70 Date

Survey of TUNA CYN. N. 2 ELC. Survey by LIND Indexed C. J. GALLI

STATION	B.S.	H.I.	F.S.	ELEV	PROFILE OF HEARST EASEMENT (NEW ALIGNMENT)	
0+00.00	0 33	1526 32		1525 99	H-11, EL= 1525.99	PER EB 3105-24
0+13 6			5 2	1521 1	π- LINE	BRK
T.P.	0 25	1516 05	10 52	1515 80		
T.P.	1 97	1506 37	11 65	1504 40		
0+40 0			4 4	1502 0	π- LINE	
T.P.	0 72	1495 67	11 42	1494 95		
T.P.	1 75	1486 81	10 61	1485 0		
T.P.	0 22	1475 77	11 26	1475 55		
0+81 0			2 0	1473 77	π- LINE	
T.P.	1 73	1466 92	10 58	1465 19		
T.P.	1 26	1457 74	10 44	1456 48		20 CL
1+25 0			8 0	1449 7	π- LINE	
T.P.	0 55	1447 14	11 15	1446 59		
T.P.	1 74	1439 10	9 78	1437 36		
1+54 5			6 6	1432 5	π- LINE	
T.P.	1 58	1430 41	10 27	1428 83		
T.P.	0 91	1420 71	10 61	1419 80		
14+96 0			10 2	1410 5	π- LINE	TOP BANK
T.P.	8 85	1417 87	11 69	1409 02		

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.		
		1417 87				
T.P.	1 04	1408 1 2	70 79	1407 08		
H-15			791	1400 15	H-5 EL= 1400.15, PER FB 3105-24	

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F. B. 3105 PG. 249

No. ____ Date ____ Date ____ Survey of [illegible]

X-Sec. Notes Checked C. RUBENACKER Checked ____ Survey by LIND Notes LIND Date 5-11-63

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