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

F.B. 3108 Pg.

Page	Job	Description
		W. W. DIST. #29 FERNWOOD SITE #1 Z11A 0303.00
5-9	C.L.+ Bdry	C. L. & Bdry line survey
11-	T.B.M.	Elevations.
13-14	Index	
15-30	B.M.	Bench levels from B.M. W-7 at Inter Tuna Cn. Rd. & Saddle Peak Rd. E;ly along Tuna Cn. Rd. to Fernwood Dr., thence E'ly down Fernwood Dr. to Topanga Cn. Rd.
31-64	Loc Imp	On Fernwood Pacific Dr. from Topanga Cn. Rd. to Tuna Cn. Rd.
65-92	Ties	To P.I.s on the above.
97-114	Prof.	On the above line.
115-129	Align.	Retracement Tuna Cn. Rd. from Sta. 0+00 at Owens Res. Site N'ly. to Sta. 50+23.53 (Fernwood Pacific Dr.)
130-138	Loc.Imp	On the above.
139-146	Loc.Imp	Of existing 6" water ln. in 3' easement from Sta. 7+68.60 pg. 119 to Sta. 13+22.29 and profile over C.L. easement.
47-154	Sect. Lines	Ties to Tuna Rd. in Sec. 13 & 24 T. 1S., R.17W

Microfilmed May 85

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159-160	Bdry.	Survey of Fernwood Res. Site #1
161-163	Const. Stakes	Fernwood rest. construction stakes for tank
201-210	C.L.	C.L. retracement on Valley View Dr. from Fernwood Pacific to Hillcrest Dr.
211-228	Loc.Imp.	On the above.
229-231	Loc. Imp.	On Vision Trail from Valley View Dr. (13+93.64) W'ly to Valley View Dr. (19+14.74)
233-236	Loc. Imp.	On Summit Dr. from Valley View Dr. to Peak Trail.
237-244	Loc. Imp.	On Skyline Tr. from Summit Dr. (P.I. 21A) to P.I. #4 (Skyline Tr.) & Valley View Dr. S'ly to So. Lot Line, Lot 15, Block 17
245-250	Loc. Imp.	On Basin Dr. from Valley View Dr. to Fernwood Pacific Dr.
251-253	Loc. Imp.	On Hillcrest Dr. from Valley View Dr. to Fernwood Pacific Dr.
255-268	Prof.	Of Valley View Dr. from Fernwood Pacific to Hillcrest Dr.

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

F. B. 3108 Pg.

W.W. DIST. #29 FERNWOOD SITE #1
Z11A 0303.00

269-272	Prof.	Of Vision Trail from Valley View Dr. (13+94.63) to Sta. 19+14.74
273-276	Prof.	Of Summit Dr. from Valley View Dr. to Skyline Trail
277-285	Prof.	Of Skyline Tr. shown on pages 237-244
287-290	Prof.	Of Basin Dr. shown pgs. 245-250
291-293	Prof.	Of Hillcrest Dr. shown pgs. 251-253

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JOSS C6#310-6.08

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Survey of FERNWOOD RESERVOIR SITE #1
JN 030300 Tape 191 Std 84 °F
Surveyed by W.S. COWHERD
Notes W.S.C. Date 1-9-63
Indexed B. J. GALLI 1-18-63

F. B. 3108 Pg. 5

FERNWOOD RESERVOIR SITE #1

WATER DISTRICT #29 ZONE A

PROPERTY LINE SURVEY FOR SITE #1

JN 030300
JAN-63

REFERENCE
FB 695, 725, 826
C.S. MAP B-1681-1×2
TRACT # 8859-2
" 5664-13

PARTY
W. S. COWHERD
C. ADAMS
R. STRADER
R. COSTLOW

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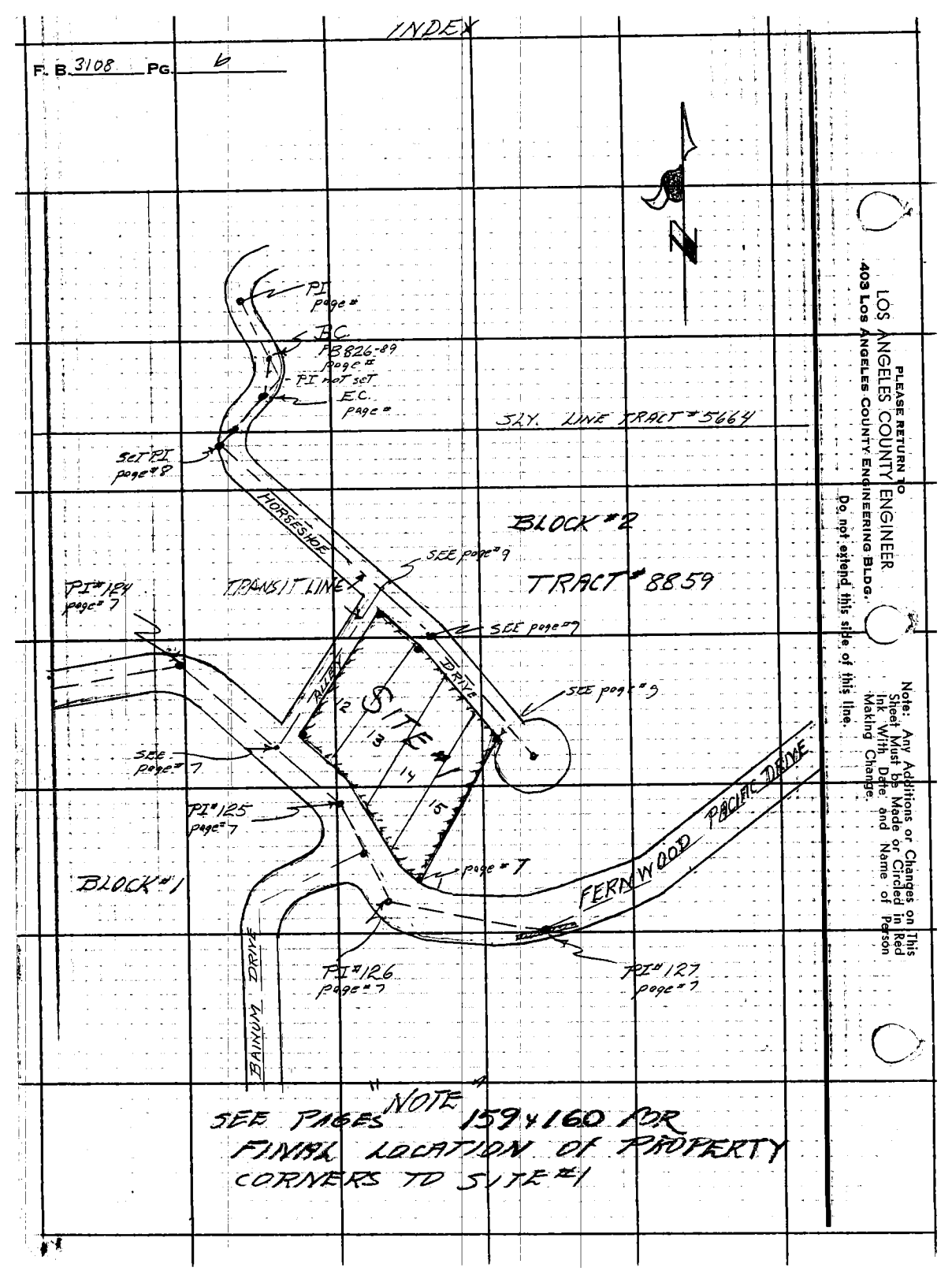
76F3095 CE # 310 3-61

INDEX

F. B. 3108 PG. 6



NOTE

SEE PAGES 159 & 160 FOR FINAL LOCATION OF PROPERTY CORNERS TO SITE #1

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

Survey of FERNWOOD RESERVOIR SITE #1
JN 03.03.20 Tape 191 Std 87 °F
Surveyed by W.S. COWHERD
Notes W.S.C Date 1-14-63
Indexed C. J. GALLI

F. B. 3108 Pg. 7

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76F309S CE # 3103

W.S. 89 & 3

PI #127 Fd 1 1/4" I.P. in Top retaining wall Per FB 2240 page #43

(20) (20)

(1) 166 15 40
(4) 305 02 20
(6) 277 33 10
166 15 37

77.09

TRACT #8859

95.47

166° 15' 37"

90° 00' 00"

RT Bdy

LOT 15

65.75

X Top conc curb

T=60'
46.53 @ 0-0 = 46.52
48.96 @ 0-0 = 48.95
95.47

T=60'
67.79 @ 14-04 = 65.75
67.92 @ 14-30 = 65.75 = 65.75

20.00

PROPERTY COR Set 1" IP conc plug & brass nail up 1" Fd 1" IP no plug "D 6" in semi letter

Set BT. Spk W. Tin Ft Rec. Dist. 30.00 from PI #126

30.00

30'

70.84 @ 0-0 T 66 = 70.83

T=56
46.00 @ 0-0 = 45.99
43.18 @ 0-0 = 43.17
89.16

(1) 118 55 40
(4) 115 42 00
(6) 353 33 00
118 55 30

Pg. 159

118°

PI #126 Fd 1" Iron pipe per FB 2240 pg 42 Reset with 1" IP conc plug & Lacquer Top Dia 3"

LOT 14

℄ Inter Fd 3/4" IP plug Dia 12"

FERNWOOD RESERVOIR SITE #1

Per FB 2240-42
FB 725-155

T-56
51.59 @ 19-47 = 48.54
51.93 @ 20-48 = 48.54 = 48.54

10.83

DRIVE

89.16

PACIFIC

FERNWOOD

LOT 13

PI #125 Fd 3/4" IP plug & tack in top Dia. Per FB 2240-42 FB 725-155

21.32 @ 0-0 T 54 = 21.32
27.99 @ 0-0 T 58 = 27.99

27.99

03' 03"

(1) 141 33 00
(4) 206 12 10
(6) 129 18 20
141 33 03

141°

LOT 12

Set 1" I.P. Conc plug & brass nail up 1"

Set 1x2 nail Ft

20.00

48.54

ALLEY

21.32

℄ Inter ALLEY & FERNWOOD PACIFIC DR Set BT. Spk W. Tin Ft PRORATE DISTANCE 27.99 from PI #125 to PI 124 Per Tract #8859 Rec Distance of 223.99 = 224.21 Mes

TRANSIT LINE

0.63

224.21

RT Bdy

(1) 73 43 10
(4) 294 52 40
(6) 82 18 40
73 43 07

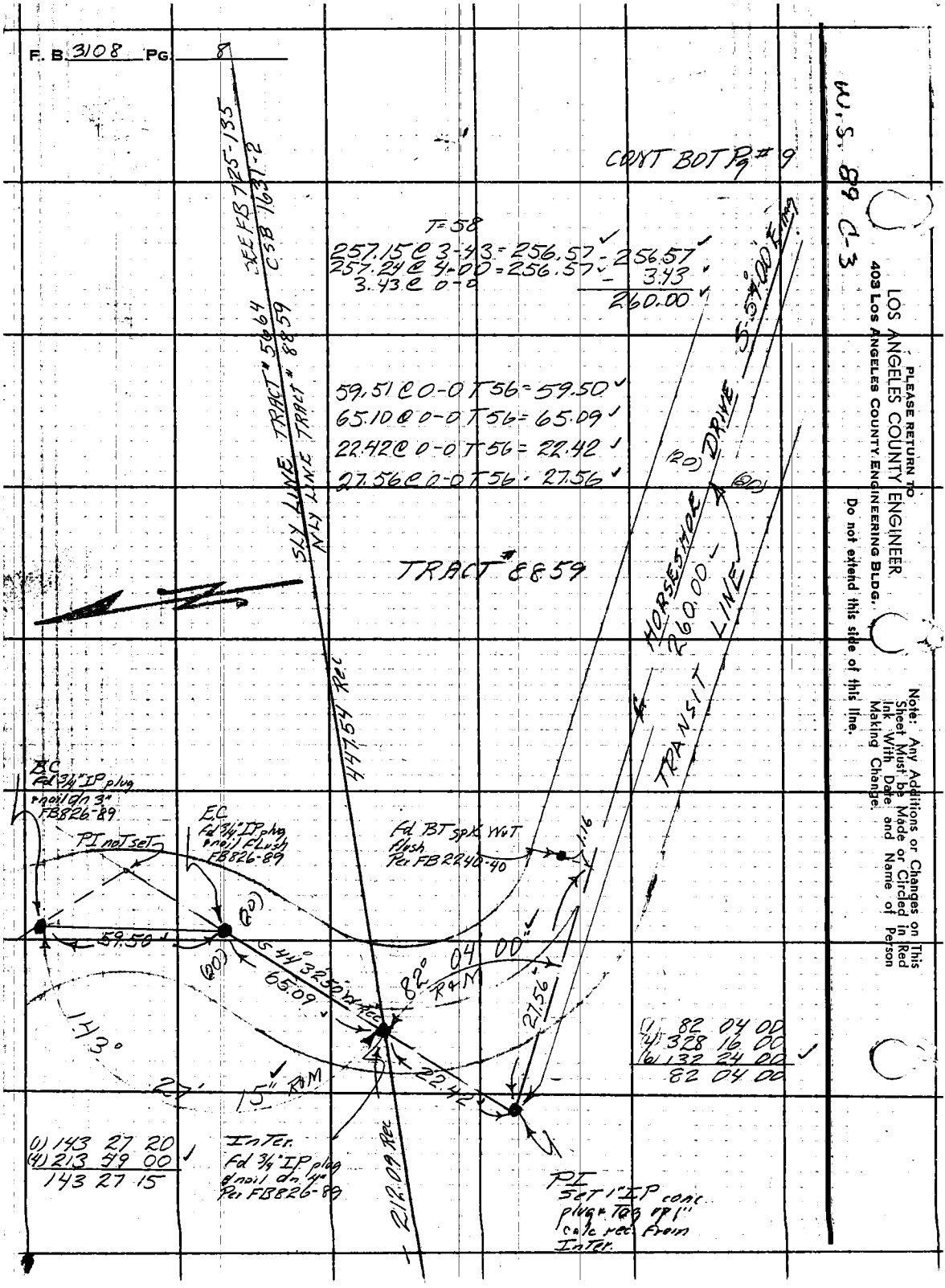
43' 07"

10"

(20) (20)

T-66
224.78 @ 3-57 = 224.22
224.86 @ 4 17 = 224.20 = 224.21

PI #124 Fd 3/4" IP plug & nail dia 8" Per FB 725-156


F. B. 3108 PG. 8
W.S. 89 C-3
CONT BOT Pg # 9
SEE FB 725-135
CSB 1631-2
SLY LINE TRACT # 5664
NLY LINE TRACT # 8859
T=58
257.15 @ 3-43 = 256.57 ✓
257.24 @ 4-00 = 256.57 ✓
3.43 @ 0-0
256.57
- 3.43
260.00 ✓
59.51 @ 0-0 T56 = 59.50 ✓
65.10 @ 0-0 T56 = 65.09 ✓
22.42 @ 0-0 T56 = 22.42 ✓
27.56 @ 0-0 T56 = 27.56 ✓
TRACT # 8859
HORSESHOE DRIVE
260.00
TRANSIT LINE
447.54 Rec
B.C. Fd 3/4" IP plug & nail dn 3" FB826-89
E.C. Fd 3/4" IP plug & nail flush FB826-89
PI not set
Fd BT spk W&T flush Per FB 2240-40
59.50
S 44° 32' 50" W Rec
65.09
82° 04' 00" R&M
27.56
22.42
143°
27' 15" R&M
(1) 82 04 00
(4) 328 16 00
(6) 132 24 00
82 04 00
(1) 143 27 20
(4) 213 49 00
143 27 15
Inter. Fd 3/4" IP plug & nail dn 4" Per FB826-89
212.09 Rec
PI Set 1" IP conc plug & Tag up 1" calc rec from Inter.
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Notes Ck'd by H. E. AUSTIN
Map No.
Office Work
Checked
Date

Survey of FERNWOOD RESERVOIR SITE 1
JN 0303.00 Tape 191 Std 84 °F
Surveyed by W.S. COMFORD
Notes W.S.C Date 1-1463
Indexed E.J. GALLI

F. B. 3108 Pg. 9

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Fd BT 3PK W&Tin Flush per FB 2240-41

0.25T

38.07

Set T"IP conc plug & brass nail up 1"

7.50 Rec

(20) (20)

Set BT 3PK W&Tin Fd. REC DIST. 91.92. FRONT & PT PER TRACT MAP

R=119

18° 23" 20.

HORSESHOE DRIVE

TRANSIT LINE

91.92

TRACT # 8659

FERNWOOD RESERVOIR SITE #1

T=54
89.30 @ 8-36 = 88.28
89.16 @ 8-00 = 88.27
3-65 @ 0-0 = 3.65
91.92

LOT 14
(1) 170 43 00
(4) 322 52 00
(16) 307 18 00
170 43 00

LOT 13

Fd BT 3PK W&Tin Fd. per FB 2240 page 41

0.59

℄ POINT Set BT 3pk W&Tin Flush

2.03

200T

℄ PT Set T"IP conc. plug & brass nail up 1"

170° 43' 00"

85° 21' 30"

95.69 @ 0-0 T 56 = 95.67

LOT 12

(20) (20)

Set T"IP conc. plug & brass nail up 1"

95.67

ALLEY

70.21

21.32

TRANSIT LINE

63.17

℄ Inter. Alley & HORSESHOE DRIVE Set T"IP conc. plug & nail Flush. Record Dist from PT per TRACT MAP 8659 260.00

2000

11.51

260.00

Transit Line

90° 24' 48"

24.48

26.22 @ 0-0 T 54 = 26.21

T=54
66.80 @ 18-56 = 63.18
66.96 @ 19-20 = 63.17

(1) 107 24 40
(4) 89 39 00
(16) 284 28 50
107 24 48

TOP PT

LT PT #7

LT PT #8

LOT 15
(1) 109 18 30
(4) 77 13 30
(16) 295 50 20
109 18 23

Set 1/2 on nail Top hill

77.09

42.31

T=50
79.94 @ 15-18 = 77.09
80.14 @ 15-48 = 77.10

42.32 @ 0-0 T 50 = 42.31

T=52
20.30 @ 11-25 = 19.90
20.18 @ 9-36 = 19.90
1.29 @ 0-0 = 1.29
21.19

W.S. 5-89 T-3

FOR JOB SET 3101 3-01

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. F-2				1284.54	B.M. F-2 pg 23 NOTE Elevations set on lot line point of
T.P.	11.10	1295.64	0.88	1294.76	1x1 Fernwood Reservoir Site #1 To be
T.P.	10.78	1305.54	0.41	1305.13	1x1 used by Topo. party in arranging lot
T.P.	11.57	1316.70	0.20	1316.50	1x1
T.B.M.	7.15	1323.65	3.95	1319.70	1x2 ℄ Alley Crest of hill
T.P.	3.70	1323.40	4.99	1318.91	1x1
T.B.M.	4.39	1323.30	5.82	1317.98	1x2 on Estly. Prop. Line Crest of hill
T.P.	3.16	1320.64	11.52	1309.12	1x1
T.B.M	1.23	1310.35	5.64	1304.71	S. W. & T. inter. Estly. Prop. line & Horseshoe Drive ℄
T.P.	7.92	1312.63	11.67	1300.96	1x1
T.P.	0.39	1301.35	10.04	1291.31	1x1
B.M.	1.34	1292.65	8.11	1284.54	B.M. F-2 pg 23

Profile Notes Red. Plotted Job No. 52944 Division No. 11 F. B. 3108 Pg. 11
No. Date Date Survey of FERNWOOD RESERVOIR #1
X-Sec. Notes Chkd. Checked Survey by W.S.C. Notes C. Adams Date 1-15-63
No. Date Date Map No. Indexed E. J. GALLI Date JAN 18 63

Notes Ck'd by	Survey of FERNWOOD PEAK ZN19
Map No.	JN0303.00 Tape/191 Std 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W.S.C Date 1-14-63
Date	Indexed R. J. GALLI 1-4 '63

F. B. 3108 Pg. 13

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BENCH LEVELS

FROM BM W-7 AT INTERSECTION TUNA CYN ROAD & SADDLE PEAK ROAD EASTLY ALONG TUNA CYN. ROAD TO FERNWOOD DRIVE THENCE EASTLY DOWN FERNWOOD DRIVE TO TOPANGA CYN ROAD & USGS BS 20A (56-7)

JN 0303.00
JAN-63

REFERENCE

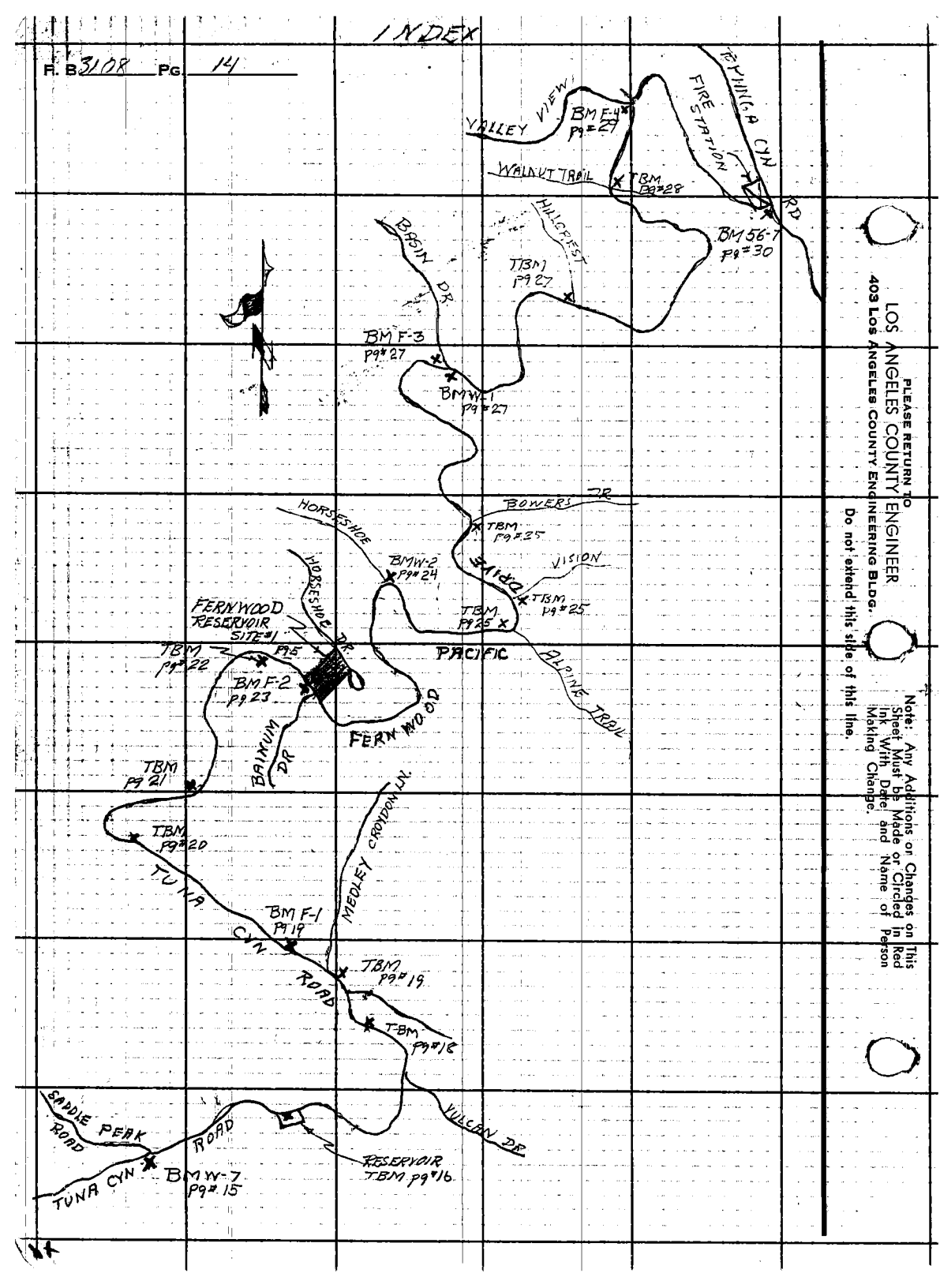
FB 2978-195
FB 2832-13

PARTY

W.S. COWHERD
C. ADAMS
R. STRADER
R. COSTLOW

INDEX

F. B. 3108 PG. 14



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765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM W-7	1830.385				1830.385	BM W-7 EL. 1830.385 (FB 2669-18 FB 2978
+	3.262		3.273			-196 TUNA CYN RD + SADDLE PEAK RD. SW. CPR
⊼	1833.647	+1.025	1.026	+1.025		3.5 W OF LA. CO TP Fd a STD PRE-CAST BRASS
−	2.237		2.247			CAP MON. MKD W-7 up 3
TP PI#5	1831.410					TP = PI#5 TUNA CYN RD Fd BT spkutin
+	1.948		1.941			Flush Per FB 2978-196 + FB 2669-189
⊼	1833.358	-3.080	3.081	-3.080		
−	5.028		5.022			
T.P.	1828.330					
+	1.148		1.141			
⊼	1829.478	-9.839	9.838	-9.838		
−	10.986		10.979			
T.P.	1818.492					
+	0.421		0.431			
⊼	1818.913	-10.112	10.112	-10.112		
−	10.533		10.543			
T.P.	1808.380					
+	0.349		0.357			
⊼	1808.729	-9.639	9.639	-9.639		
−	9.988		9.996			
T.P.	1798.741					
+	0.670		0.685			
⊼	1799.411	-9.831	9.830	-9.830		
−	10.501		10.515			
T.P.	1788.910					
+	0.496		0.481			
⊼	1789.406	-8.931	8.932	-8.931		
−	9.427		9.413			
T.P.	1779.979					
+	0.217		0.211			

NOTES RED. JOB NO. 030300 SURVEY OF FERNWOOD PEAK ZUA
DATE SURVEY BY W. S. COWHERD
NOTES CHKD. RUDENACKER NOTES BY W.S.C. DATE 1-14-63
DATE INDEXED R. J. GALLI DATE FEB 4 63

F.B. 3108 PG.

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
π	1780.196	-11.244	11.244	-11.244		
−	11.461					
TP	1768.735					
+	0.420		0.429			
π	1761.155	-10.589	10.591	-10.590		
−	11.009		11.020			
TP	1758.146					
+	0.218		0.209			
π	1758.364	-10.490	10.491	-10.490		
−	10.708		10.700			
T.P.	1747.656					
+	1.787		1.773			
π	1749.443	-3.592	-3.594	-3.593		
−	5.379		5.367			
T.B.M.	1744.064				1744.064	T.B.M. Chisled X Top of 2" IP embedded at 45°L in Top of 12" conc wall, 3' from EAST end at entrance to underground Reservoir on TUNA CYN ROAD ELEV = 1744.064
+	+ 0.312		0.324			
π	1744.376	-10.563	-10.563	-10.563		
−	-10.875		10887			
TP	1733.501					
+	+ 0.273		0.285			
π	1733.774	- 9.655	9.656	-9.655		
−	- 9.928		9.941			
TP	1723.846					
+	+ 0.425		0.412			
π	1724.271	-11.022	-11.021	-11.021		
−	-11.447		11.433			
T.P.	1712.824					
+	+ 0.247		0.262			
π	1713.071	-11.176	-11.177	-11.176		
−	-11.423		11.439			

JOB NO. 23.03.00 SURVEY OF FERNWOOD PEAK 2119 NOTES RED
SURVEY BY W. S. COWHERD DATE
NOTES BY W. S. C. & C. Adams DATE 1-14-63 NOTES C. RIBENACK
INDEXED C. J. GALLI DATE

F.B. 3148 PG. 16

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1701.648					
+	+0.223		0.213			
π	1701.871	-9.917	9.917	-9.917		
−	-10.140		10130			
T.P.	1691.731					
+	+1.493		1.504			
π	1693 224	-9.998	9.998	-9.998		
−	-11.491		11502			
T.P.	1681.733					
+	+0.641		0.631			
π	1682.374	-10.615	-10.616	-10.615		
−	-11.256		11.247			
T.P.	1671.118					
+	+0.536		0.556			
π	1671 654	-10.064	-10.066	-10.065		
−	-10.600		10.622			
T.P.	1661.054					
+	+0.988		0.974			
π	1662.042	-9.660	-9.659	-9.659		
−	-10.648		10.633			
T.P.	1651.394					
+	+0.487		0.479			
π	1651.881	-10.641	10.642	-10.641		
−	-11.128		11.121			
TP	1640.753					
+	0.239		0.259			
π	1640.992	-10.510	10.509	-10.509		
−	10.749		10.768			
TP	1630.243					
	0.654		0640			

NOTES RED _____ JOB NO. D303.03 SURVEY OF FERNWOOD PEAK 211A
DATE _____ SURVEY BY W. S. COWHERD
NOTES CHK. C. RUBENACKER NOTES BY C. Adams DATE 1-14-63
DATE _____ INDEXED E. J. GALLI DATE _____

F.B. 3108 PG. [illegible]

JOB NO 0303.00 SURVEY OF FERNWOOD PEAK ZIIA NOTES RED
SURVEY BY W.S. COWHERD DATE
NOTES BY W.S.C DATE 1-14-63 NOTES CHKD C. RUBENACKER
INDEXED R. J. GAULL DATE DATE

F.B. 3/48 PG. 18

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
π	1630.897	-10.522	10.521	-10.521		
−	11.176		11.161			
T.P.	1619.721					
+	0.406		0.414			
π	1620.127	-11.081	11.084	-11.082		
−	11.487		11.498			
TP	1608.640					
+	1.992		1.983			
π	1610.632	-7.348	7.346	-7.347		
−	9.340		9.329			
TBM	1601.292				1601.292	TBM chisled x Top of RR. Track on West end of guard rail Elev = 1601.292
+	0.358		0.368			
π	1601.650	-8.366	8.366	-8.366		
−	8.724		8.734			
T.P.	1592.926					
+	0.210		0.220			
π	1593.136	-10.986	10.984	-10.985		
−	11.196		11.204			
TP	1581.940					
+	0.371		0.367			
π	1582.311	-11.380	11.382	-11.381		
−	11.751		11.749			
TP	1570.560					
+	0.763		0.775			
π	1571.323	-11.010	11.009	-11.009		
−	11.773		11.784			
TP	1559.550					
+	1.043		0.911			
π	1560.593	-6.899	6.899	-6.899		
−	7.942		7.810			

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M.	1552.651					T.BM Set BT SPK W up 6" on road side
+	0.307		0.297			of PP# 25742-Y AT saddle North
⊼	1552.958	-9.986	9.986	-9.986		side TUNA CYN ROAD El=1552.651
−	10.293		10.283			
T.P.	1542.665					
+	0.662		0.653			
⊼	1543.327	-9.360	9.358	-9.359		
−	10.022		10.011			
T.P.	1533.305					
+	0.307		0.296			
⊼	1533.612	-10.443	10.443	-10.443		
−	10.750		10.739			
	1522.862					
+	2.320		2.342			
⊼	1525.182	-1.524	1.524	-1.524		
−	3.844		3.866			
BM F-1	1521.338					BM F-1 Elev=1521.338 Set STD.
+	0.464		0.454			Brass Cap Mon up 6", 1/2 MI EAST of
⊼	1521.802	-8.854	8.854	-8.854		RESERVOIR ON TUNA CYN. RD. 10' North
−	9.318		9.308			of North edge road + 5 North of L.A.
T.P.	1512.484					CO F.D. CALL BOX TELE. Pole# 69.3
+	0.732		0.718			Set 2" IP, Marker pipe up 4', 2' SW of BM
⊼	1513.216	-11.143	11.144	-11.143		
−	11.875		11.862			
T.P.	1501.341					
+	0.538		0.528			
⊼	1501.879	-11.208	11.208	-11.208		
−	11.746		11.736			
T.P.	1490.133					
+	0.785		0.799			

NOTES RED ____ JOB NO. 030300 SURVEY OF FERNWOOD PEAK ZIIA
DATE ____ SURVEY BY W. S. COWHERD
NOTES CHECKED C. RUBENACKER NOTES BY W.S.C. DATE 1-15-63
DATE ____ INDEXED J. GAHL DATE ____

F.B. 3108 PG. [illegible]

768420 S & E-353 4-54

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JOB NO 030300 SURVEY OF FERNWOOD PEAK 211A NOTES RED
SURVEY BY W.S. COWHERD DATE
NOTES BY W.S.C. DATE 1-15-63 NOTES CHIEF C. RUBENACKER
INDEXED E. J. GALLI DATE DATE

F.B. 3148 PG. 20

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
⊼	1490.918	-10.802	10.802	-10.802		
−	11.587		11.601			
T.P.	1479.331					
+	0.464		0.452			
⊼	1479.795	-11.135	11.135	-11.135		
−	11.599		11.587			
T.P.	1468.196					
+	0.334		0.322			
⊼	1468.530	-9.222	9.220	-9.221		
−	9.556		9.542			
T.P.	1458.974					
+	3.077		3.067			
⊼	1462.051	-2.579	2.579	-2.579		
−	5.656		5.646			
TBM	1456.395				1456.395	TBM ELEV 1456.395 set BT spk & W 6" up in 14" Oak. On road side North side TUNA CYN ROAD at bend in road
+	1.103		1.116			
⊼	1457.498	-8.560	8.559	-8.559		
−	9.663		9.675			
T.P.	1447.835					
+	1.580		1.567			
⊼	1449.415	-9.607	9.606	-9.606		
−	11.187		11.173			
T.P.	1438.228					
+	1.804		1.822			
⊼	1440.032	-5.758	5.757	-5.757		
−	7.562		7.599			
T.P.	1432.470					
+	10.723		10.718			
⊼	1443.193	+8.784	+8.785	+8.784		
−	1.939		1.933			

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV. 1441.262	DESCRIPTION
TBM	1441.254				1441.254	TBM ELEV=1441.254 SET BT SPK.
+	3.498		3.509			in PP 1225757E. 17' West of West edge
π	1444.752	-7.705	7.705	-7.706		TUNA CYN ROAD at summit of road
-	11.203		11.214			
T.P.	1433.549					
+	0.348		0.355			
π	1433.897	-11.371	11.371	-11.371		
-	11.719		11.726			
T.P.	1422.178					
+	0.646		0.661			
π	1422.824	-10.932	10.932	-10.932		
-	11.578		11.593			
T.P.	1411.246					
+	0.463		0.452			
π	1411.709	-11.265	11.265	-11.265		
-	11.728		11.717			
T.P.	1399.981					
+	1.163		1.182			
π	1401.144	-10.521	10.522	-10.521		
-	11.684		11.704			
T.P.	1389.460					
+	0.341		0.326			
π	1389.801	-11.469	11.470	-11.469		
-	11.810		11.796			
T.P.	1377.991					
+	0.458		0.442			
π	1378.449	-11.376	11.376	-11.376		
-	11.834		11.818			
T.P.	1366.615					
+	0.268		0.260			

NOTES RED ____ JOB NO. 0303.00 SURVEY OF FERNWOOD PEAK ZN A
DATE ____ SURVEY BY W.S. COWHERD
NOTES CHKD. C. RUBENACKER NOTES BY W.S.C. DATE 1-15-63
DATE ____ INDEXED [illegible] DATE ____

F.B. 3108 PG. 24

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
π	1366.883	-10.838	10.838	-10.838		
−	11.106		11.098			
T.P.	1355.777					
+	0.344		0.358			
π	1356.121	-11.414	11.412	-11.413		
−	11.758		11.770			
T.P.	1344.363					
+	0.596		0.581			
π	1344.959	-~~11.221~~ 11.121	?11.221	-11.121		
−	11.717		11.702			
T.P.	1333.242					
+	1.626		1.641			
π	1334.868	-4.903	4.903	-4.903		
−	6.529		6.544			
T.B.M.	1328.339				1328.339	TBM Elev=1328.339 Set BT SPK+W up 10"
+	0.410		0.393			on PP #726815-E at Junction TUNA
π	1328.749	-11.436	11.435	-11.435		CANYON ROAD + FERNWOOD PACIFIC DRIVE
−	11.846		11.828			4' south of South edge Traveled road
T.P.	1316.903					also enter 1st subdivision of house.
+	0.223		0.238			
π	1317.126	-11.404	11.403	-11.403		
−	11.627		11.641			
T.P.	1305.499					
+	0.572		0.554			
π	1306.071	-11.067	11.067	-11.067		
−	11.639		11.621			
T.P.	1294.432					
+	0947		0.965			
π	1295.379	-9.891	9.891	-9.891		
−	10.838		10.856			

JOB NO. 0303.00 SURVEY OF FERNWOOD PEAK 211A NOTES RED
SURVEY BY W.S. COWHERD DATE 1-15-63 NOTES CHKD C. RUBENACKER
NOTES BY W.S.C. DATE
INDEXED J. GALLI DATE
F. B. PG. 00

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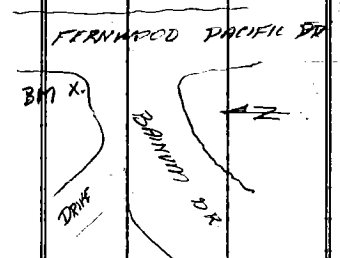
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV. 1284.552	DESCRIPTION
BM F-2	1284.541				1284.541	BM F-2 Elev=1284.541 Set STD
+	0.318		0.307			BRASS Cap Man up 3" AT Intersection
π	1284.859	-11.285	11.285	-11.285		Fernwood Pacific Dr & Bainum Dr. on
−	11.603		11.592			N.W. Cor. middle of curve 2' North of
T.P.	1273.256					edge road & 2" IP marker pipe up 4',
+	0.407		0.423			1' south of BM
π	1273.663	-11.135	11.132	-11.133		
−	11.542		11.555			
T.P.	1262.121					
+	0.387		0.376			
π	1262.508	-11.377	11.376	-11.376		
−	11.764		11.752			
T.P.	1250.744					
+	0.467		0.454			
π	1251.211	-11.374	11.372	-11.373		
−	11.841		11.826			
T.P.	1239.370					
+	0.302		0.313			
π	1239.672	-10.850	10.851	-10.850		
−	11.152		11.164			
T.P.	1228.520					
+	0.241		0.227			
π	1228.761	-10.338	10.338	-10.338		
−	10.579		10.565			
TBM	1218.182					TBM Elev. 1218.182 Set spk + W
+	1.184		1.198			up 8" in PP #340196 E, 2' North of
π	1219.366	-10.182	10.181	-10.181		guard rail, north side of road
−	11.366		11.379			
T.P.	1208.000					
+	0.264		0.252			



NOTES RED. JOB NO. 030300 SURVEY OF FERNWOOD PEAK Z11A
DATE SURVEY BY W.S. COWHERD
NOTES CHK. C. RUBENACKER NOTES BY W.S.C. DATE 1-16-63
DATE INDEXED R. J. GALLI DATE

F. B. 3108 PG. 23

F.B. 3108 Pg. 24

JOB NO. 0303.00 SURVEY OF FERNWOOD PEAK ZIIA NOTES RED

SURVEY BY W.S. COWHERD DATE 1-16-63 NOTES CHKD C. RUBENACKER

NOTES BY W.S.C. DATE

INDEXED R. J. GALLI DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
⊼	1208264	-11.153	11.153	-11.153		
−	11.417		11.405			
T.P.	1196.847					
+	0.257		0.267			
⊼	1197.104	-11621	11.623	-11.622		
−	11.878		11.890			
T.P.	1185.226					
+	2.320		2.309			
⊼	1187.546	-8.242	8.241	-8.242		
−	10.562		10.550			
BM-W-2	1176.984				1176.984	BM-W-2 Elev = 1176.984 Pc. FB 2669-178
+	0.363		0.376			fd STD Brass Cap Mon at intersection
⊼	77.347	-11.279	-11.278	-11.278		of Fernwood Pacific Dr. & Horseshoe Dr.
−	11.642		11.654			4' North of North edge road & 2 East of
T.P.	1165.705					PP# 1196033E.
+	0.255		0.243			
⊼	1165960	-11.626	-11.626	-11.626		
−	11.881		11.869			
T.P.	1154.079					
+	0.448		0.459			
⊼	1154.527	-11.228	11.228	-11.228		
−	11.676		11.687			
T.P.	1142.851					
+	0.250		0.240			
⊼	1143.101	-11.524	11.523	-11.528		
−	11.774		11.763			
T.P.	1131.327					
+	0.281		0.270			
⊼	1131.608	-11.585	11.585	-11.585		
−	11.866		11.855			

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NOTES RED _____ JOB NO. R3D3.00 SURVEY OF FERNWOOD PEAK Z.11A
DATE _____ SURVEY BY W.S.C. & R.W. HERD
NOTES BY W.S.C. DATE 1-16-63
DATE _____ INDEXED _____ DATE _____

F.B. 3108 Pg. 25

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1119.742					
+	0.277		0.293			
Λ	1120.019	-8.892	8.890	-8.891		
−	9.169		9.183		1110.869	
T.B.M.	1119.850				1110.850	T.B.M. Elev = 1110.850
+	3.073		3.058			Set BT spk & W in PP# 893208-E up 6"
Λ	1113.923	-8.597 ✓	8.598	-8.597		N. side Intersection FERNWOOD PACIFIC
−	11.670		11.656			DR. & ALPINE TRAIL
T.P.	1102.253					
+	0.301		0.289			
Λ	1102.554	-10.966 ✓	10.964	-10.965		
−	11.267		11.253			
T.B.M.	1091.287					T.B.M. Elev 1091.287
+	0.425		0.414			Chiseled x Top of end guard post. West
Λ	1091.712	-11.217 ✓	11.215	-11.216		end guard rail AT N.E COR
−	11.642		11.629			FERNWOOD PACIFIC DR. & VISION DR.
T.P.	1080.070					
+	0.710		0.700			
Λ	1080.780	-11.173 ✓	11.172	-11.172		
−	11.883		11.872			
TP	1068.897					
+	1.145		1.158			
Λ	1070.042	-8.804 ✓	8.805	-8.804		
−	9.949		9.963			
T.B.M.	1060.093					T.B.M. Elev = 1060.093
+	2.359		2.346			Set BT spk & W in PP# 199237E up 8"
Λ	1062.452	-9.003 ✓	9.003	-9.003		S.E. COR FERNWOOD PACIFIC DR &
−	11.362		11.349			BOWERS DR.
TP	1051.090					
+	0688		0680			

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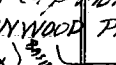
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
π	1051.778	-10.776	10.774	-10.775		
−	11.464		11.454			
T.P.	1040.314					
+	0.232		0.242			
π	1040.546	-11.398	11.400	-11.399		
−	11.630		11.642			
T.P.	1028.916					
+	0.473		0.487			
π	1029.389	-11.252	11.255	-11.253		
−	11.725		11.742			
T.P.	1017.664					
+	0.523		0.537			
π	1018.187	-10.923	10.923	-10.923		
−	11.446		11.460			
T.P.	1006.741					
+	0.226		0.210			
π	1006.967	-11.711	11.712	-11.711		
−	11.937		11.922			
TP	995.030					
+	2.488		2.477			
π	997.518	-2.668	2.667	-2.667		
−	5.156		5.144			
T.P.	992.362					
+	6.268		6.284			
π	998.630	+5386	5.388	+5.387		
−	0.882		0.896			
BM F-3	997.748				997.748	BM F-3 Elev= 997.748
+	3.456		3.444			Set STD Brass Cap Mon up 3"
π	1001.204	-2.280	2.282	-2.281		N.W. COR. FERNWOOD PACIFIC DR. & BASIN DR.
−	5.736		5.726			



JOB NO. 2303.00 SURVEY OF FERNWOOD PEAK ZIIA NOTES RED
SURVEY BY W.S. COWHERD DATE
NOTES BY W.S.G. DATE 1-16-63 NOTES CHKD. C. RUBENACKER
INDEXED R. J. GALLI DATE DATE

F. B. 3108 PG. 26

76S420 S & E-353 9-55

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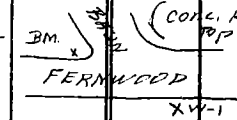
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMW-1	995.468				995.468	BM W-1 Elev = 995.468
+	0.278		0.266			Fd STD. BRASS CAP MON. up 5" MKD W-1
π	995.746	-11.135	11.136	-11.135		S.E COR FERNWOOD PACIFIC DR &
−	11.413		11.402			BASIN DR.
T.P.	984.333					PER FB 2669-175 (conc. Knocked off top mon.)
+	0.582		0.600			
π	984.915	-11.084	11.083	-11.083		
−	11.666		11.683			
T.P.	973.249					
+	0.513		0.500			
π	973.762	-11.101	11.102	-11.101		
−	11.614		11.602			
T.P.	962.148					
+	0.833		0.844			
π	962.981	-10.967	10.965	-10.965		
−	11.800		11.809			
T.P.	951.181					
+	0.693		0.682			
π	951.874	-10.941	10.940	-10.940		
−	11.634		11.622			
T.P.	940.240					
+	1.356		1.370			
π	941.596	-7.357	7.357	-7.357		
−	8.713		8.727			
TBM	932.883					TBM Elev = 932.883
+	2.187		2.201			Set BT spk+W. in GUY POLE # 805619E up 1'
π	935.070	-9.659	9.658	-9.658		at N.W. COR FERNWOOD PACIFIC DR. &
−	11.846		11.859			Hillcrest DR.
T.P.	923.224					
+	0.765		0.752			



NOTES RED _____ JOB NO. D303.00 SURVEY OF FERNWOOD PEAK 2 IIA
DATE _____ SURVEY BY W.S. COWHERD
NOTES CHKD C. RUBENACKER NOTES BY W.S.C. DATE 1-16-63
DATE _____ INDEXED R. J. GAU DATE _____

F. B 3108 PG. 27

768420 S & E-353 9-55

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JOB NO. 0303.00 SURVEY OF FERNWOOD PEAK 2HA NOTES RED.
SURVEY BY W.S. COWHERD DATE
NOTES BY W.S.C. DATE 4-16-63 C. RUBENACKER NOTES CHKD.
INDEXED R. J. GALL DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
⊼	923.989	-11.072	11.072	-11.072		
−	11.837		11.824			
T.P.	912.152					
+	0.594		0.607			
⊼	912.746	-10.463	10.462	-10.462		
−	11.057		11.069			
T.P.	901.689					
+	0.521		0.534			
⊼	902.210	-10.881	10.879	-10.880		
−	11.402		11.413			
T.P.	890.808					
+	0.526		0.514			
⊼	891.334	-10.915	10.915	-10.915		
−	11.441		11.429			
T.P.	879.893					
+	0.252		0.268			
⊼	880.145	-11.513	11.515	-11.514		
−	11.765		11.783			
T.P.	868.380					
+	0.373		0.362			
⊼	868.753	-~~10.475~~ 11.475	~~10.475~~ 11.475	-11.475		
−	11.848		11.837			
T.P.	856.905					
+	2.144		2.161			
⊼	859.049	-7.151	7.151	-7.151		
−	9.295		9.312			
TBM	849.754				849.754	TBM. Elev = 849.754
+	0.714		0.703			SET BT spk & W in PP # 27969Y EAST SIDE
⊼	850.468	-10.970	10.970	-10.970		FERNWOOD PACIFIC DR. OPPOSITE WALNUT
−	11.684		11.673			TRAIL INTERSECTION

F.B. 3108 PG. 28

769420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	838.784					
+	0.406		0.414			
⊼	839.190	-11.552	11.551	-11.551		
−	11.958		11965			
TP	827.232					
+	0.575		0.566			
⊼	827.807	-11073	11.074	-11.074		
−	11.648		11.640			
TP	816.159					
+	2.546		2.563			
⊼	818705	-0.136	0.135	-0.136		
−	2.682		2.698			
BM F-4	816.023					BM F-4 Elev 816.023
+	0.637		0.626			SET STD Brass Cap Mon up 2" at
⊼	816.660	-11.050	11.053	-11.052		SW. COR. FERNWOOD PACIFIC DR & VALLEY
−	11.687		11.679			VIEW DR.
TP	804.973					
+	0.476		0.493			
⊼	805.449	-11.411	11.412	-11.412		
−	11.887		11.905			
TP	793.562					
+	0.306		0.291			
⊼	793.868	-11.288	11.289	-11.289		
−	11.594		11.580			
TP	782.274					
+	1.192		1.208			
⊼	783.466	-2.624	2.625	-2.624		
−	3.816		3.833			TBM Elev 779.650
TBM	779.650					SET BT spk & W in TP P-8165 SW COR
+	0.219		0.208			FERNWOOD PACIFIC DR & LOOKOUT TRAIL

NOTES RED. JOB NO. 0303.00 SURVEY OF FERNWOOD PEAK ZIA F. B. 3108 PG. 29
DATE SURVEY BY W.S. COWHERD
NOTES CHKD C. RUBENACKER NOTES BY W.S.C. DATE 1-16-63
DATE INDEXED J. [illegible] DATE

76S420 S & E-353-9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
⊼	779.869	11.549	11.549	11.549		
−	11.768		11.757			
TP	768.101					
+	0.674		0.660			
⊼	768.775	10.741	10.741	10.741		
−	11.415		11.401			
TP	757.360					
+	0.456		0.450			
⊼	757.816	11.040	11.041	11.040		
−	11.496		11.491			
TP	746.320					
+	0.323		0.313			
⊼	746.643	11.454	11.454	11.454		
−	11.777		11.767			
BM 56-7	734.866				734.889	END OF LEVEL LINE (USGS RS 20A 1925) TOPANGA CANYON AND FERNWOOD PACIFIC ROADS, S.W. COR; ON TOP OF A 3.5 FT. DIA. CONC. BASE FOR STOP SIGN, 80.0 FT. SW'LY FROM PP# 340058E AND 84.0 FT NW'LY FROM PP# 821810E, FD A USGS BRASS TABLET MK'D "RS 20A 1925" FLUSH IN CONCRETE F.B. 2832-13 1960 PREL. ELEV. 734.889

JOB NO. 0303.00 SURVEY OF FERNWOOD PEAK 211A NOTES RED.
SURVEY BY W.S. COWHERD DATE
NOTES BY W.S.C DATE 1-16-63 NOTES CHKD. C. RUBENACKER
INDEXED R. J. GALLI DATE DATE

F.B. 3108 PG. 30

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

Survey of FERNWOOD PEAK Z11A
JN 2215.14 Tape 191 Std 84 °F
Surveyed by W.S. COWHERD
Notes C. ADAMS Date 1-18-63
Indexed [redacted]

F. B. 3108 PG. 31

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LOCATION IMPROVEMENTS
"FERNWOOD PACIFIC DRIVE"
Z11A FERNWOOD PEAK
WATER WORKS DIST # 29

JN 221514
JAN-63

REFERENCE

FB 695
FB 725
FB 826
FB 2240-5 TO 42
CSB 1631-3

PARTY

W.S. COWHERD
C. ADAMS
R. STRADER
R. COSTLOW

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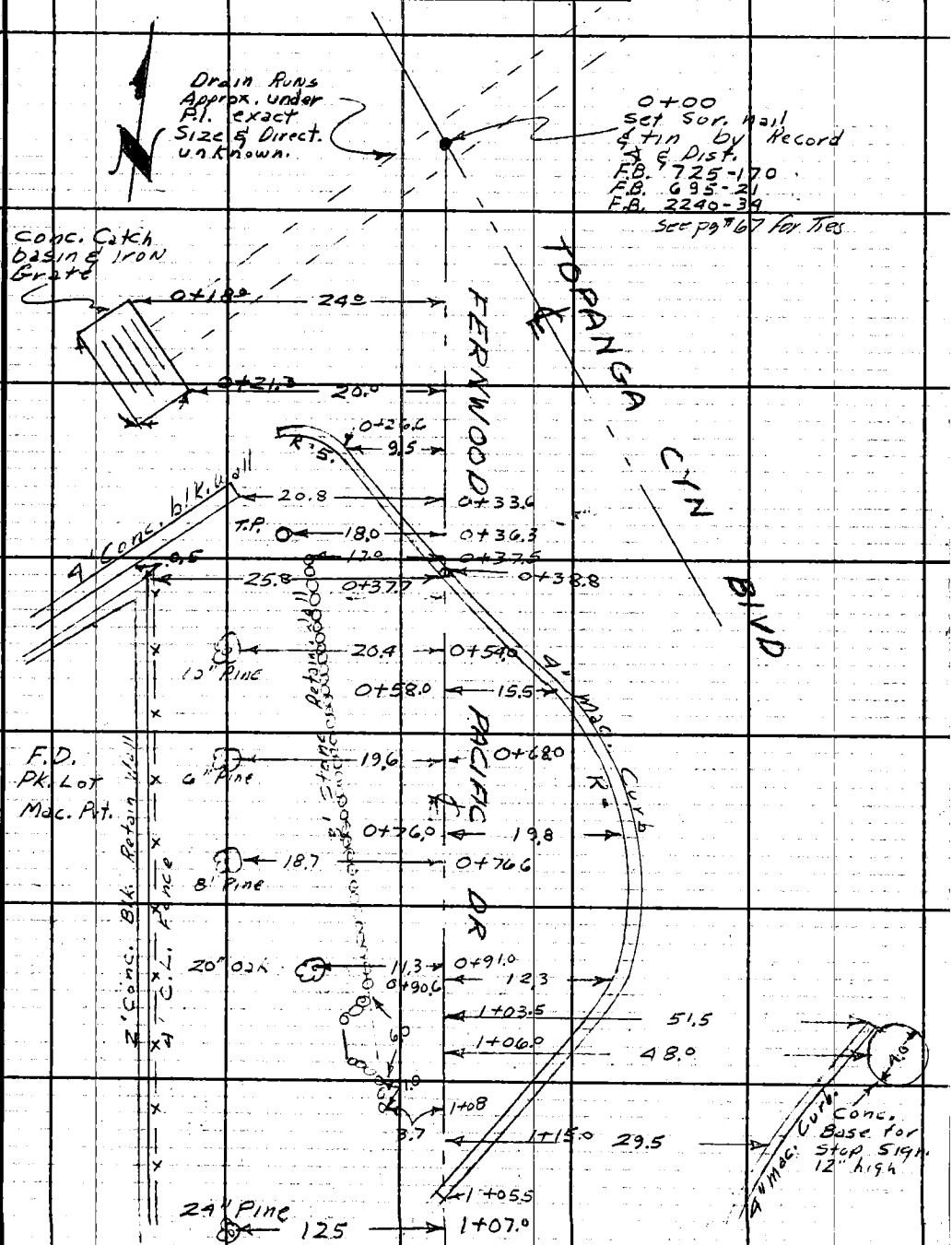
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 221514 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C Adams Date 1-18-63
Date	Indexed R. J. GALLI

F. B. 3108 PG. 33



Cont. Lt. Pg. 34.

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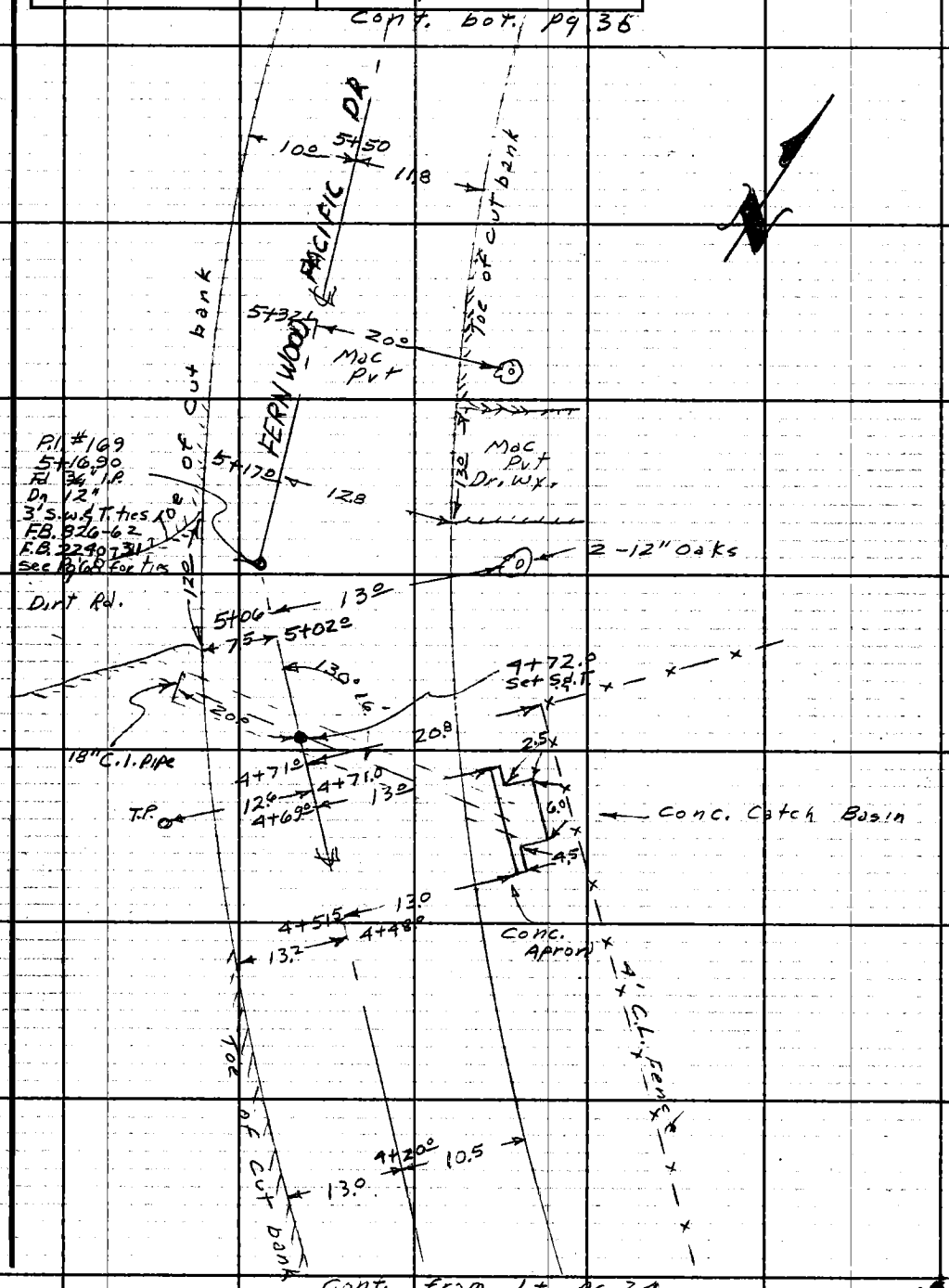
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR F. B. 3108 PG. 35
Map No.	JN 22514 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 1-1963
Date	Indexed R. J. CALLI

Cont. bot. Pg 36



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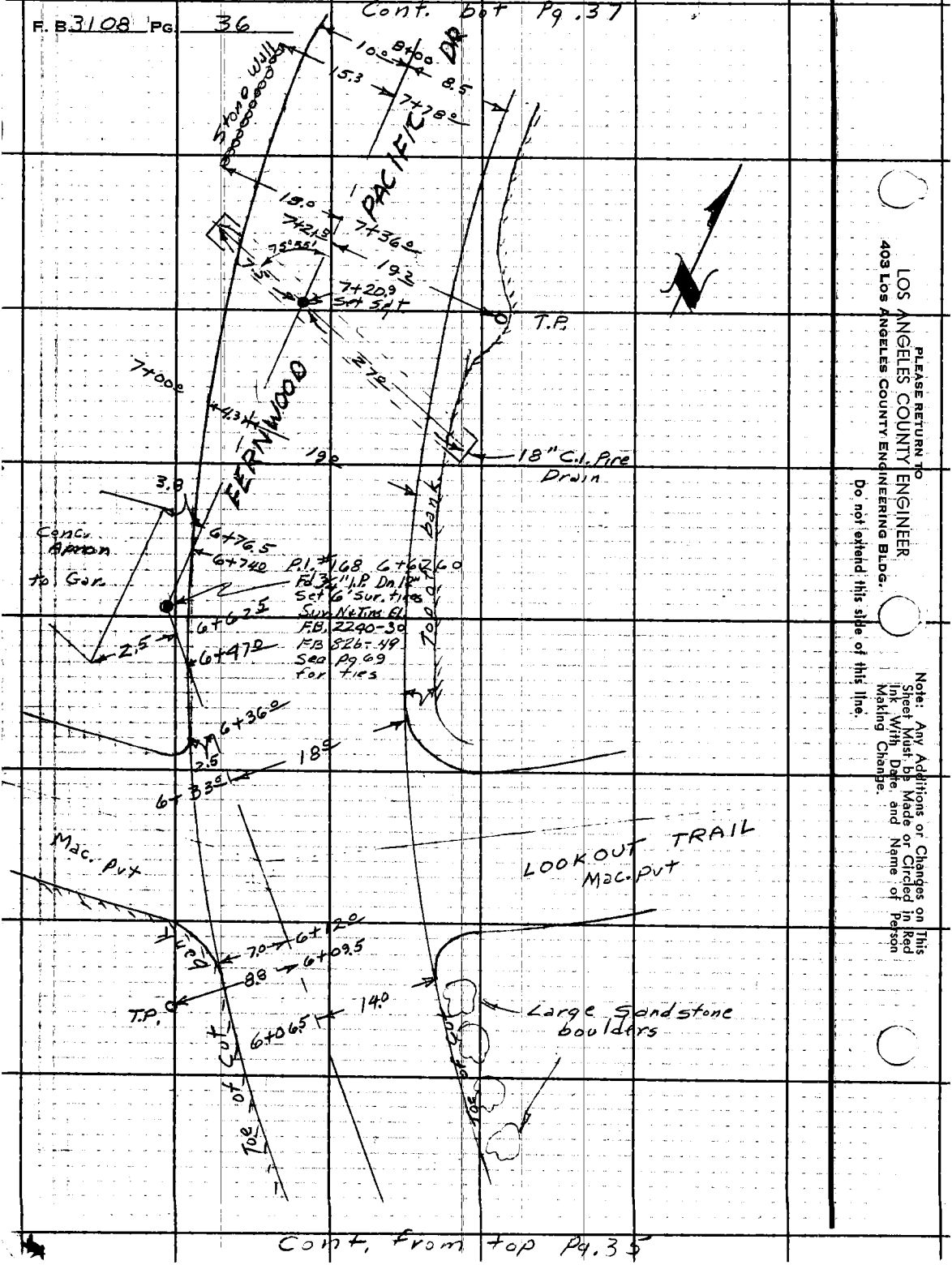
F. B. 3108 Pg. 36

Cont. bot Pg. 37



Cont. from top Pg. 35

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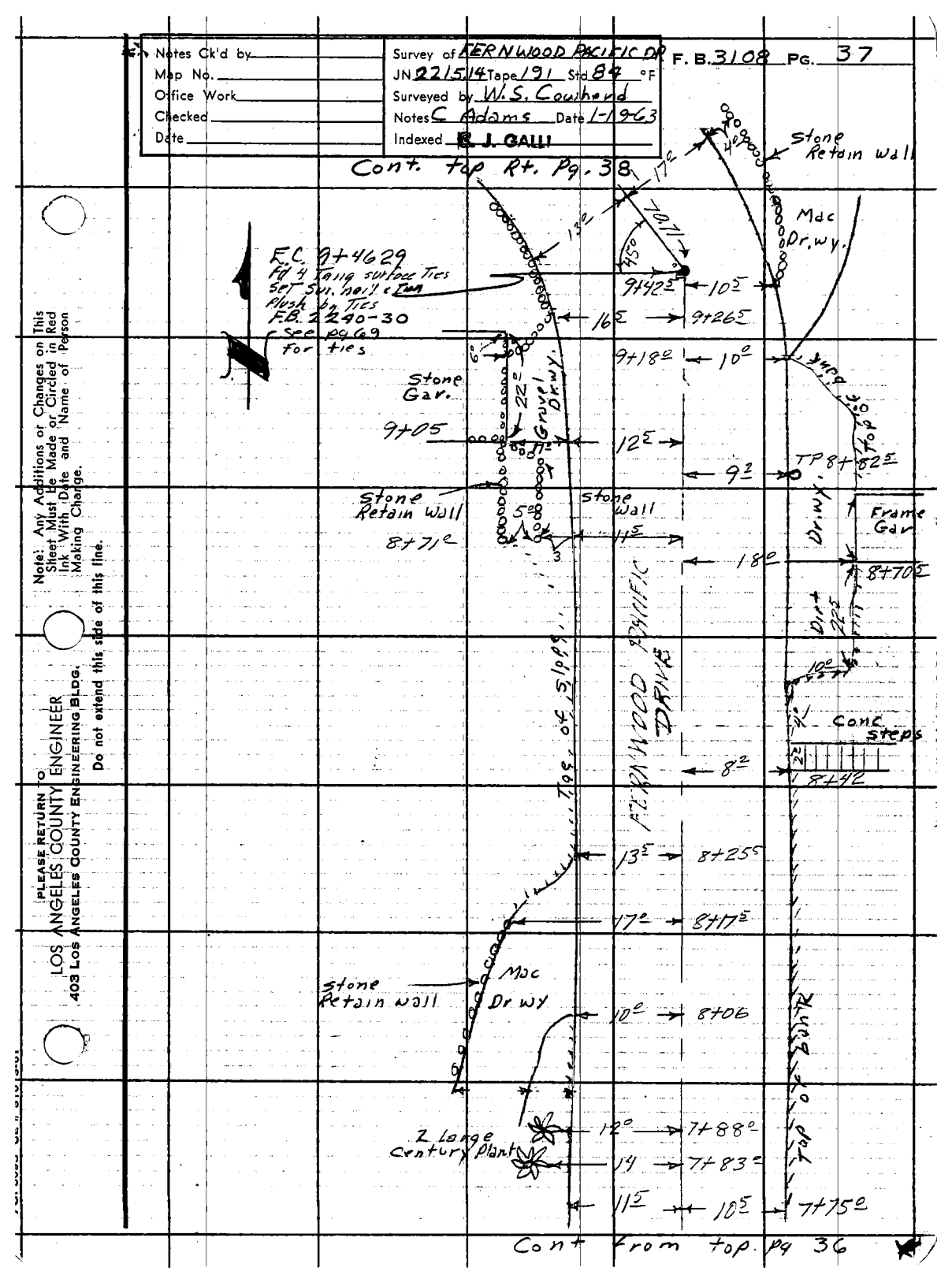
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of KERNWOOD PACIFIC DR F. B. 3108 PG. 37
JN 22514 Tape 191 Std 84 °F
Surveyed by W.S. Cowherd
Notes C Adams Date 1-1963
Indexed R. J. GALLI

Cont. top Rt. Pg. 38



Cont from top. pg 36

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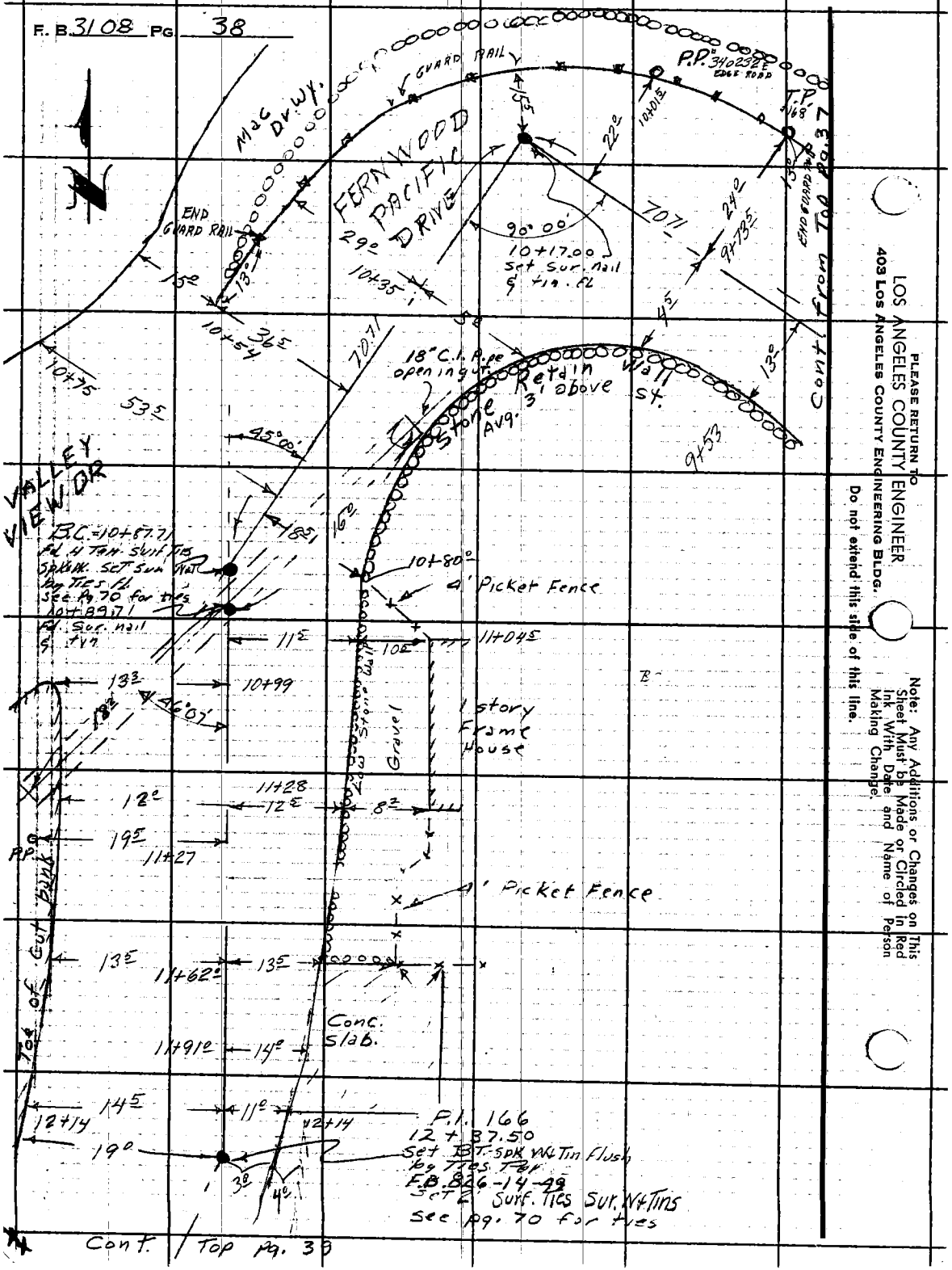
F. B. 3108 PG 38



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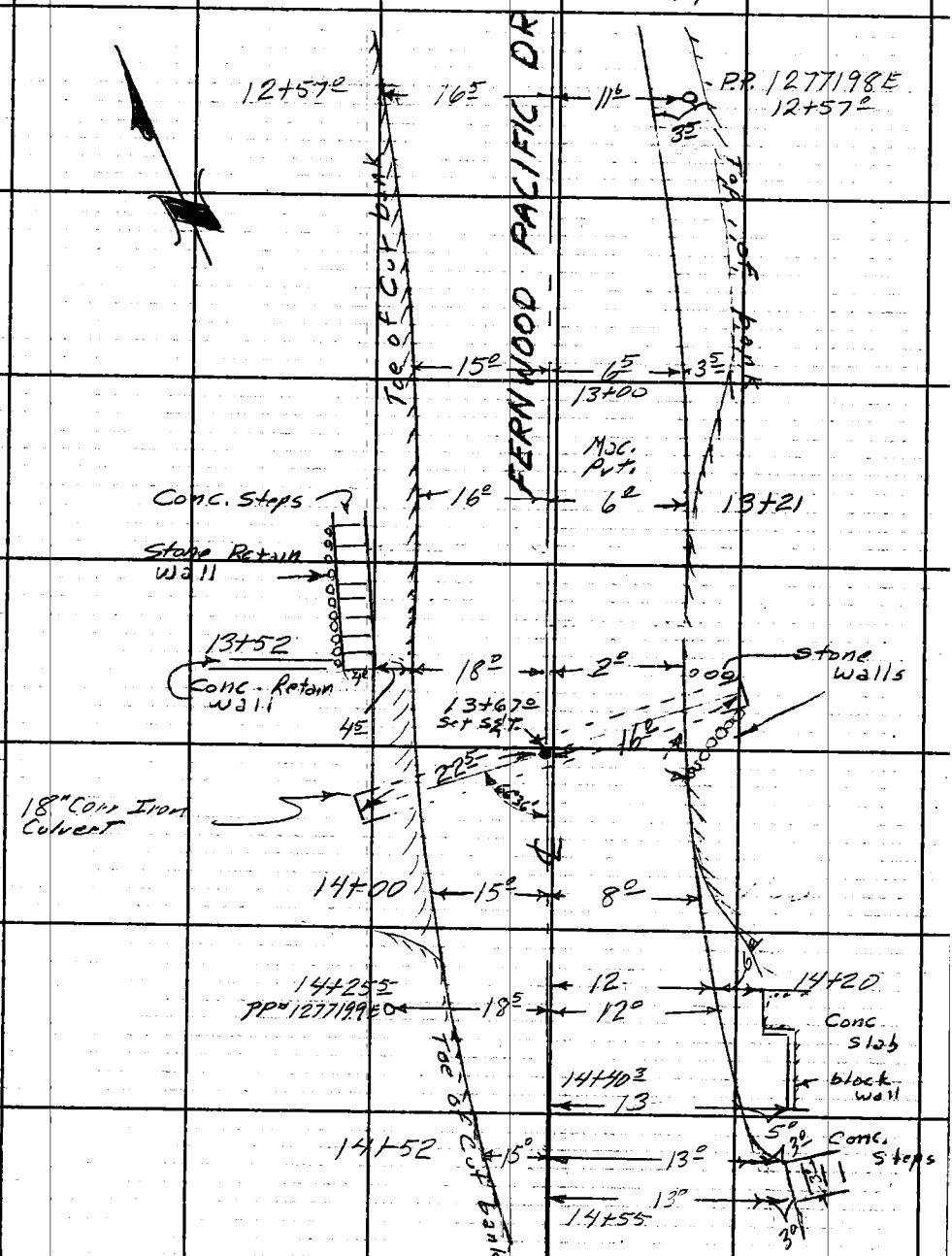
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 2215.14 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C Adams Date 1-19-63
Date	Indexed B. J. GALLI

F. B. 3108 PG. 39

Cont. From Bot Pg. 38



Cont. top. Pg. 40

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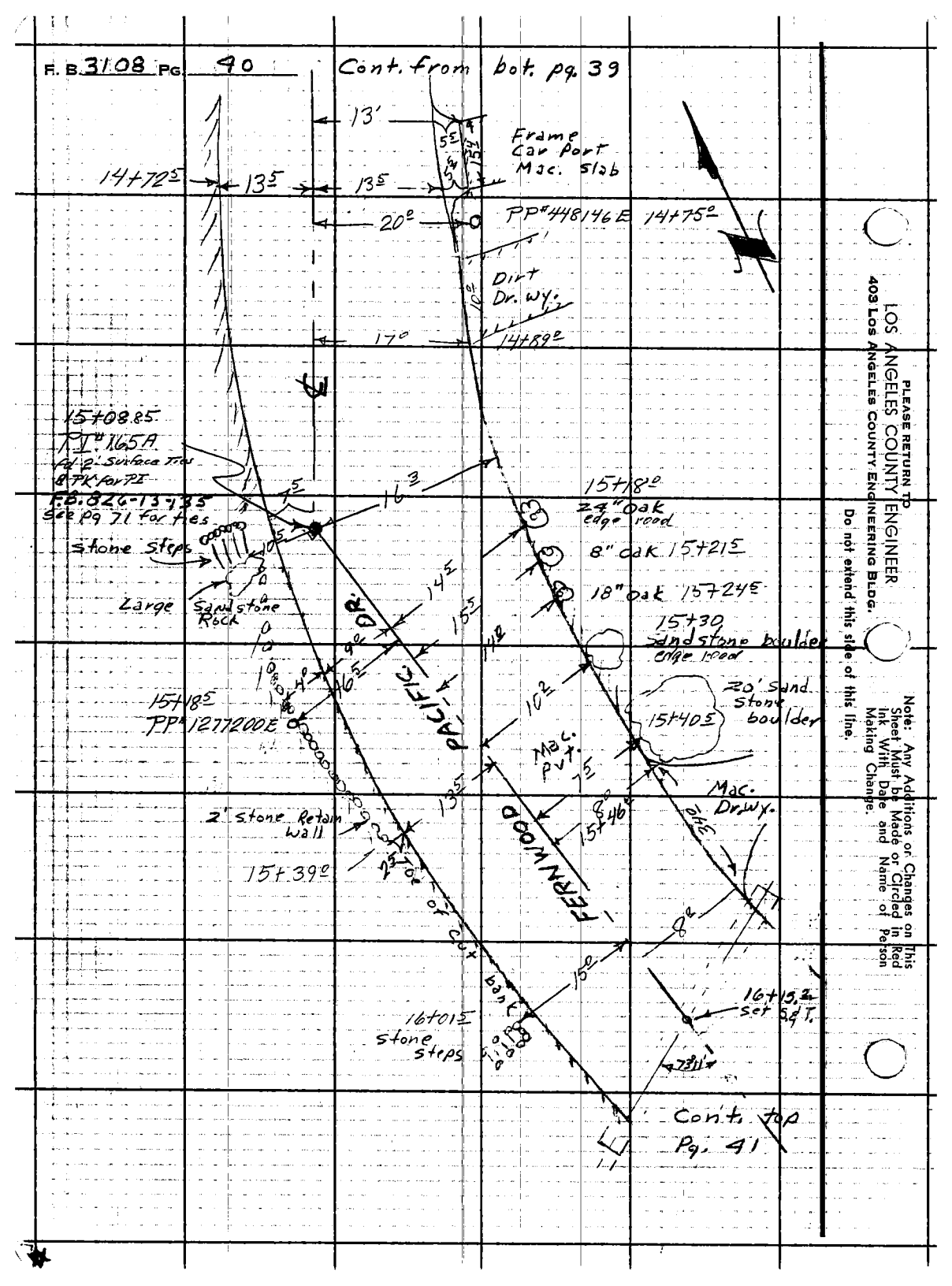
F. B. 3108 PG. 90

Cont. from bot. pg. 39



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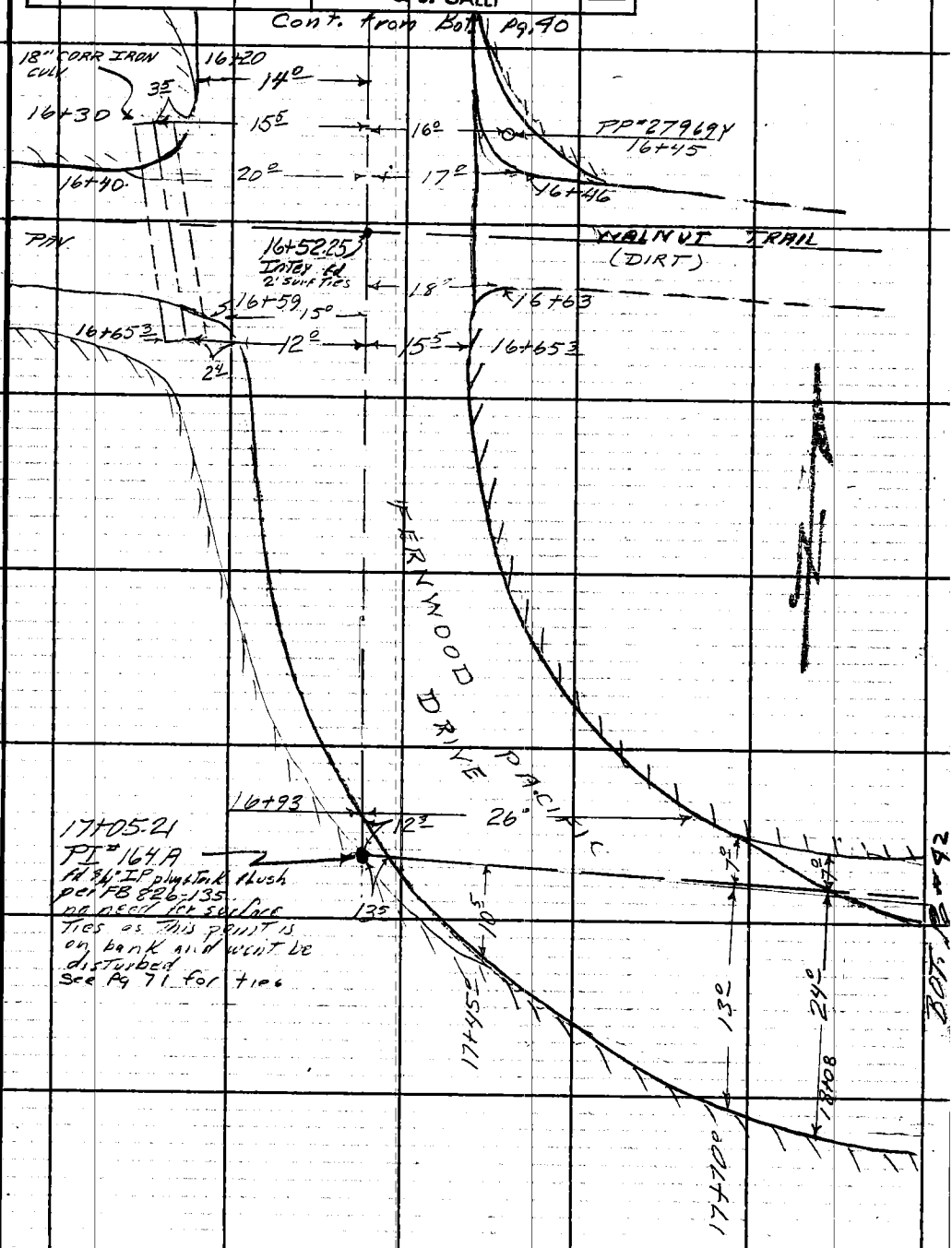
Notes Ck'd by	Survey of FERNWOOD PACIFIC DRIVE
Map No.	JN 2215.14 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 1-19-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 41



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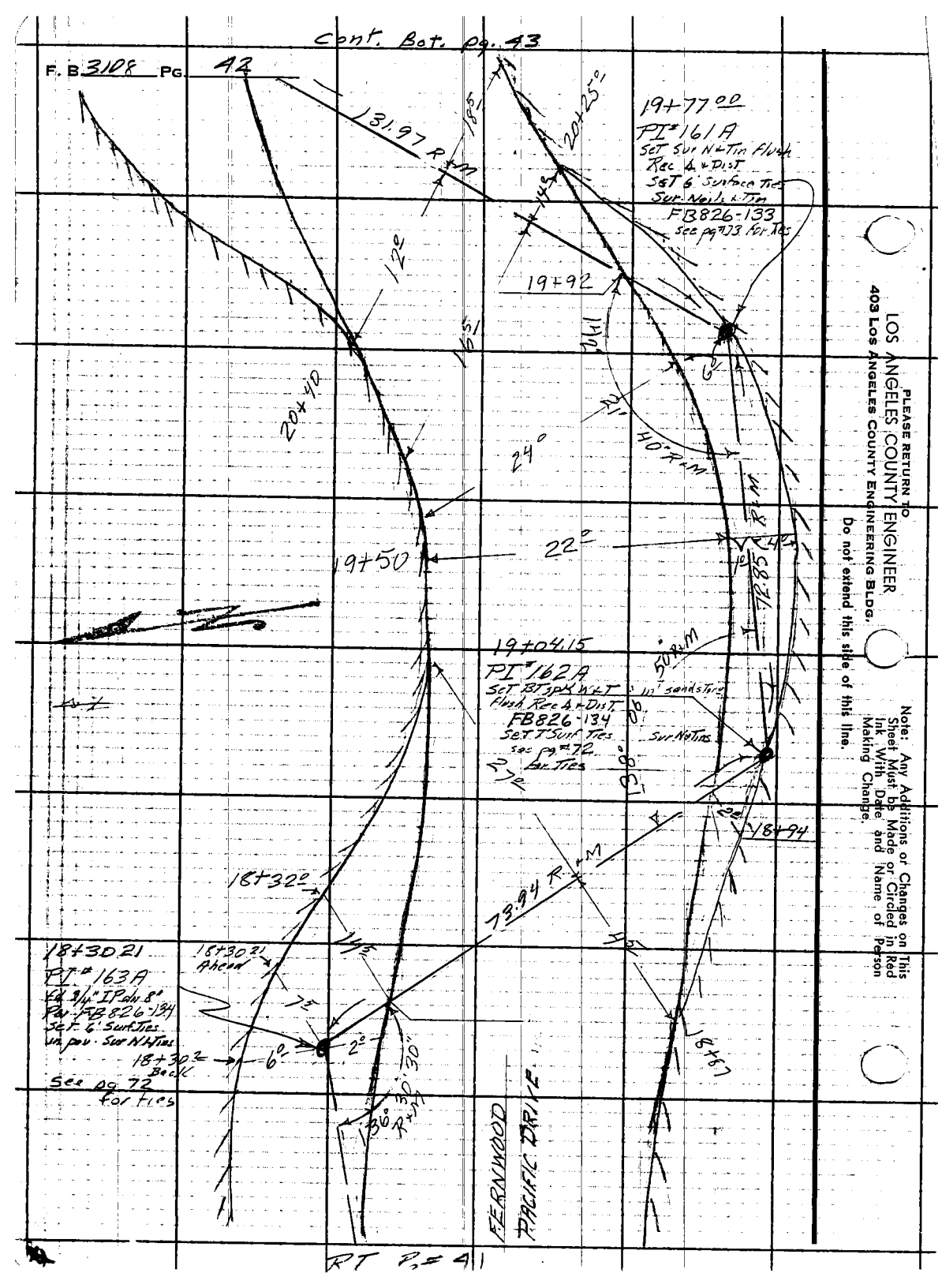
Cont. Bot. pg. 43

F. B 3108 PG. 42



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403 Los Angeles County Engineering Bldg.

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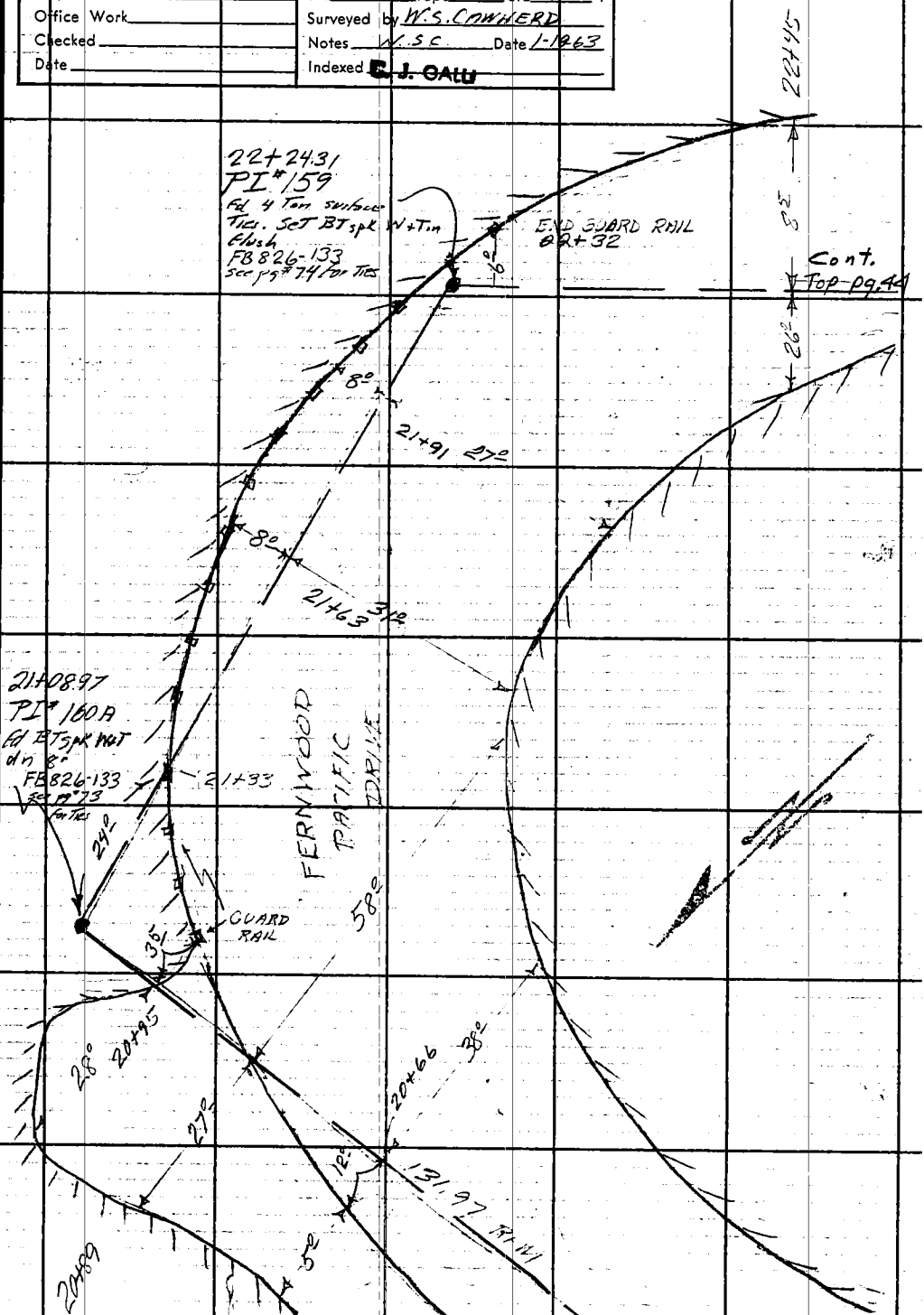
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FERNWOOD PACIFIC DRIVE
Map No.	JN 2215.14 Tape 191 Std 24 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C. Date 1-19-63
Date	Indexed C. J. CALLI

F. B. 3108 PG. 43



Cont from top pg 42

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 ENGINEER
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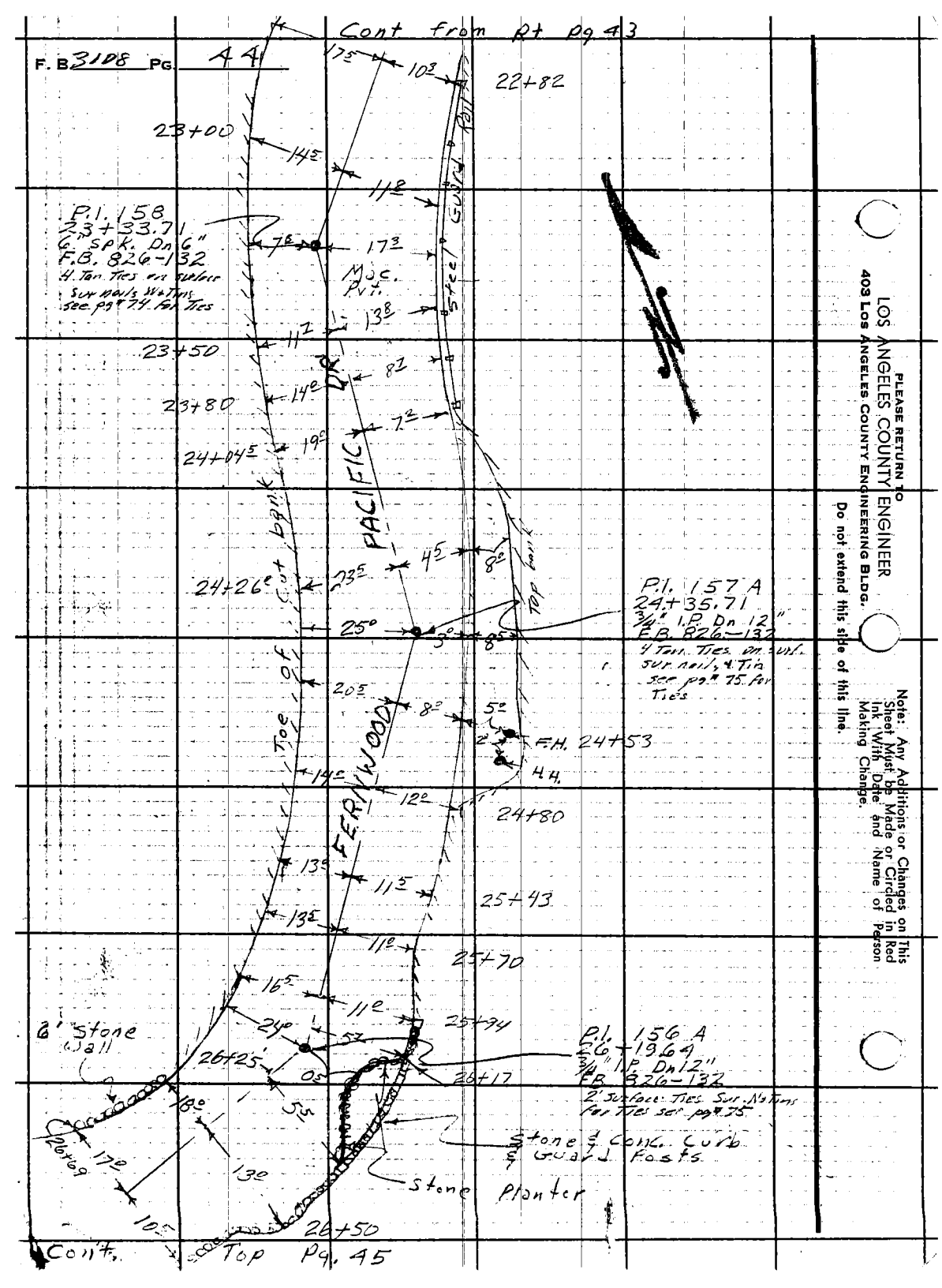
7 of 3095 CE # 310 3-61



Cont from Pt pg 43
F. B 3108 PG. 44
22+82
23+00
P.I. 158
23+33.71
6" SPK. Dn 6"
F.B. 826-132
4 Ton Ties on surface
Sur nails & Tins
see pg# 74 for Ties
Mac. Pvt.
Steel Guard Rail
23+50
23+80
24+04.5
PACIFIC DR
Toe of Cut bank
Top bank
24+26
P.I. 157 A
24+35.71
3/4" I.P. Dn 12"
F.B. 826-132
4 Ton Ties on surf.
sur nails & Tin
see pg# 75 for Ties
FERNWOOD
F.H. 24+53
H.H.
24+80
25+43
25+70
25+94
6' Stone Wall
26+25
P.I. 156 A
26+19.64
3/4" I.P. Dn 12"
F.B. 826-132
2' Surface Ties Sur. N & Tins
for Ties see pg# 75
26+17
Stone & Conc. Curb & Guard Posts
Stone Planter
26+69
26+50
Cont. Top Pg. 45
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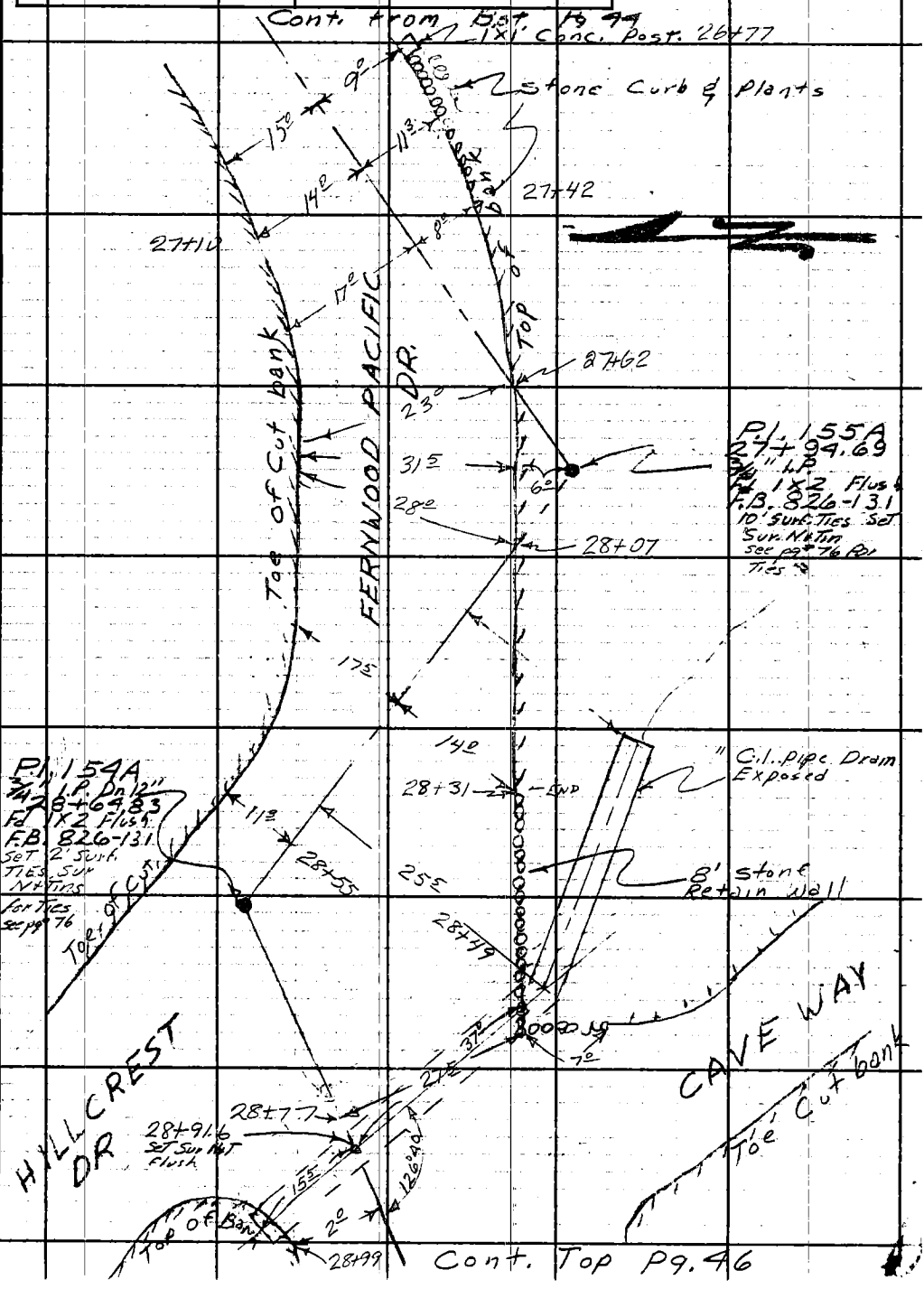
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 2215.14 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C.A.D. Ams Date 1-22-63
Date	Indexed G. J. GALLI

F. B. 3108 PG. 45



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

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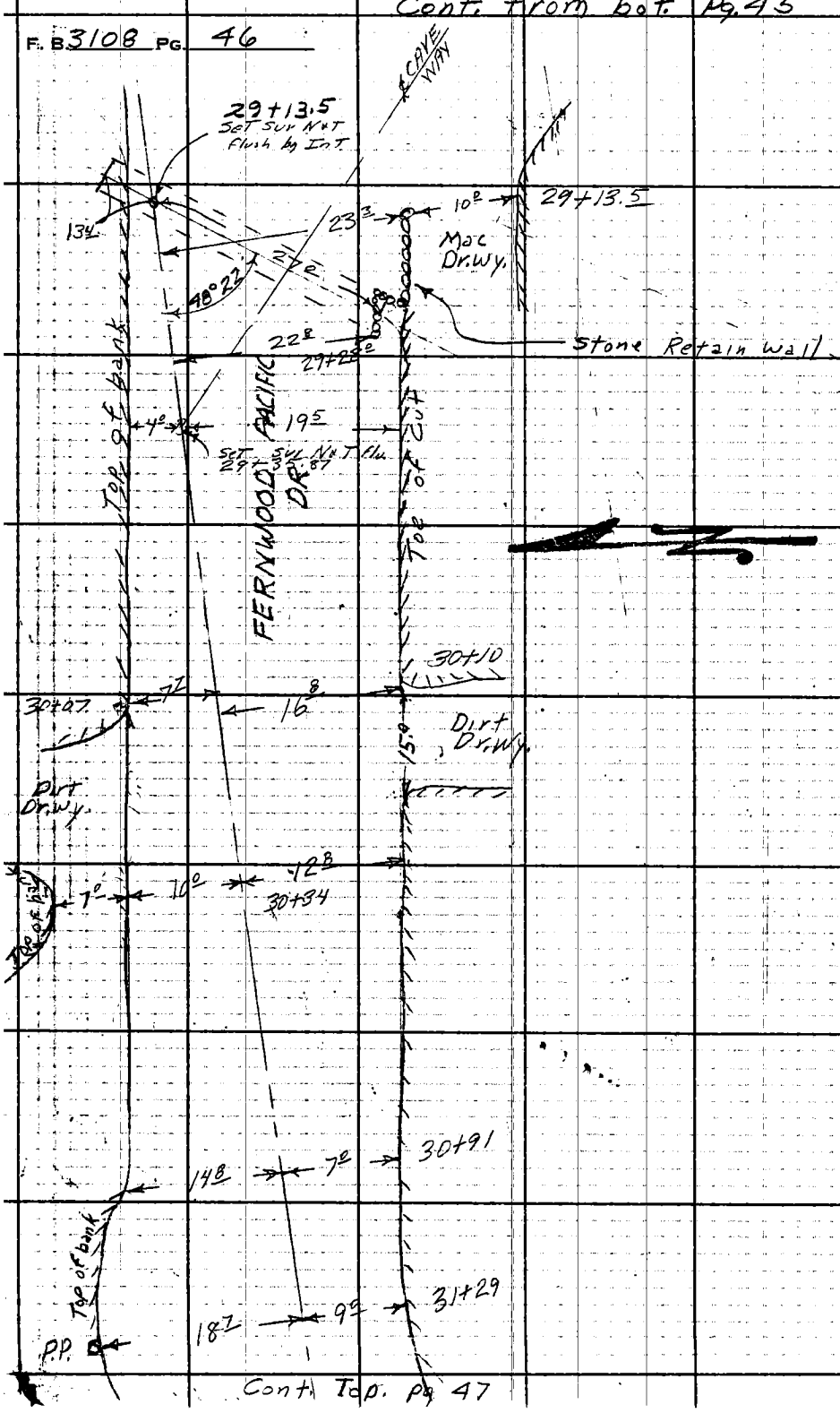
76F309S CE # 310 3-61

Cont. from bot. Pg. 45

F. B. 3108 Pg. 46



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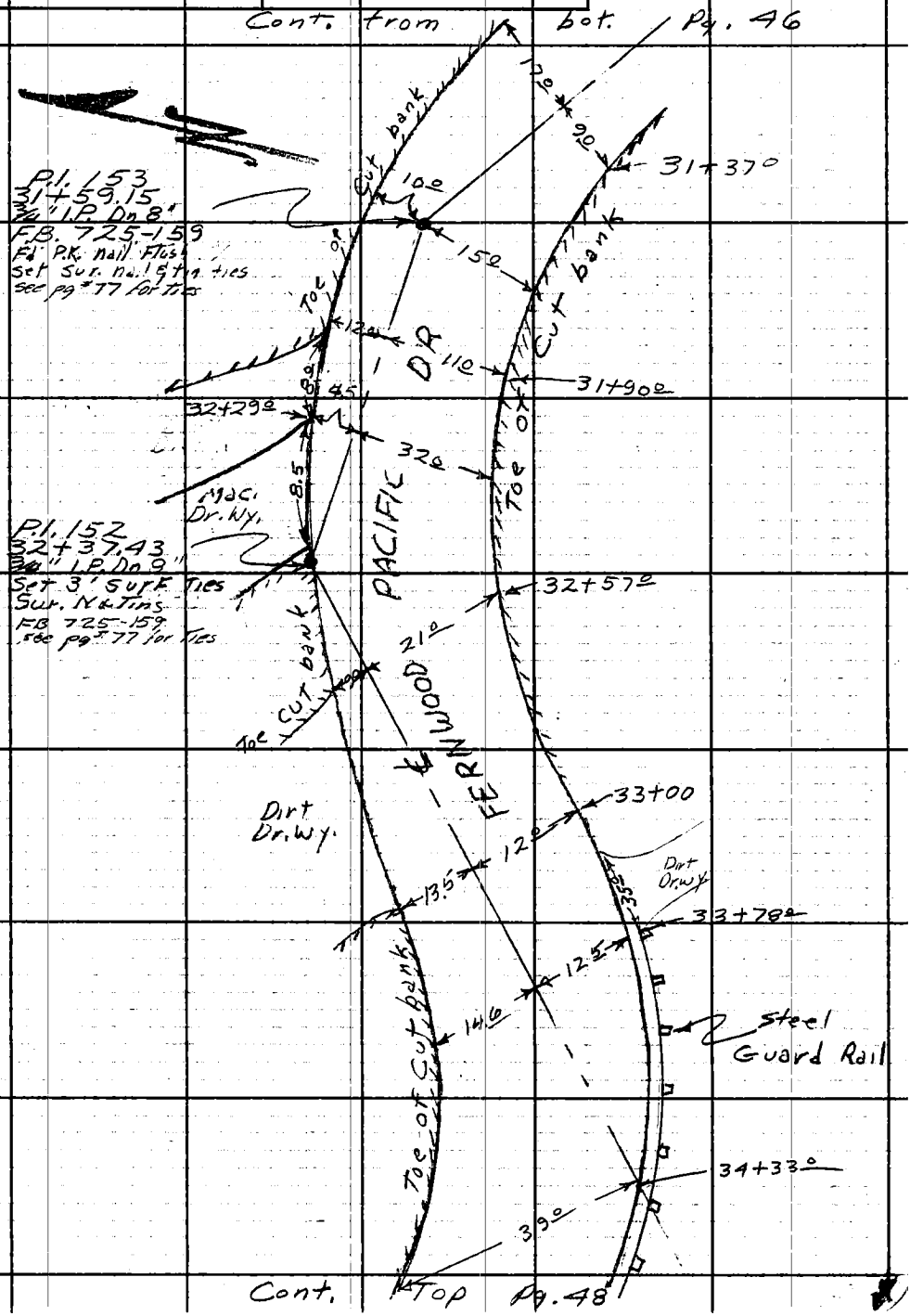
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR.
Map No.	JN 221514 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 1-22-63
Date	Indexed S. J. GALEN

F. B. 3108 PG. 47



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

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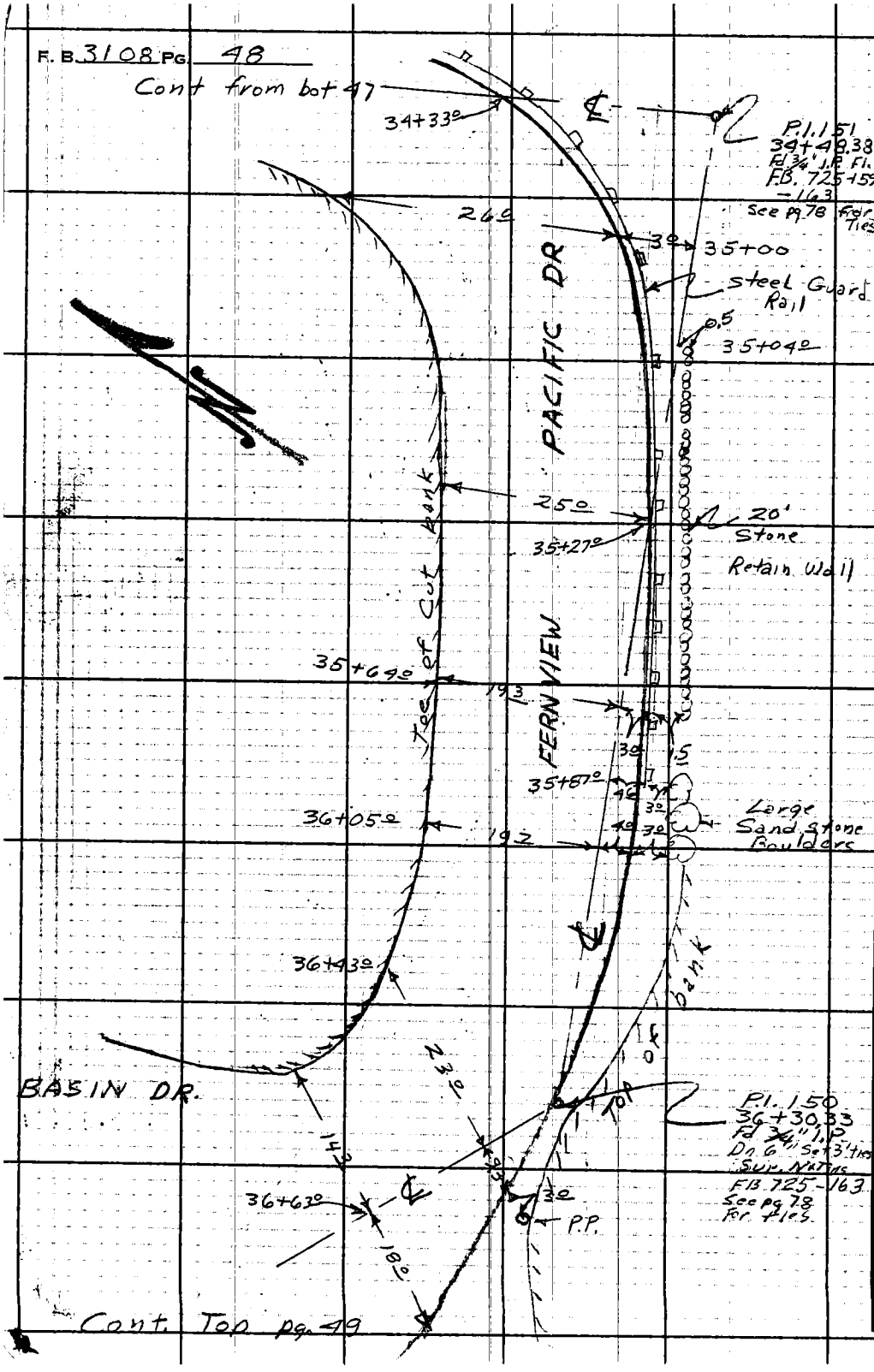
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F. B. 3108 PG. 48



Cont. Top pg. 49

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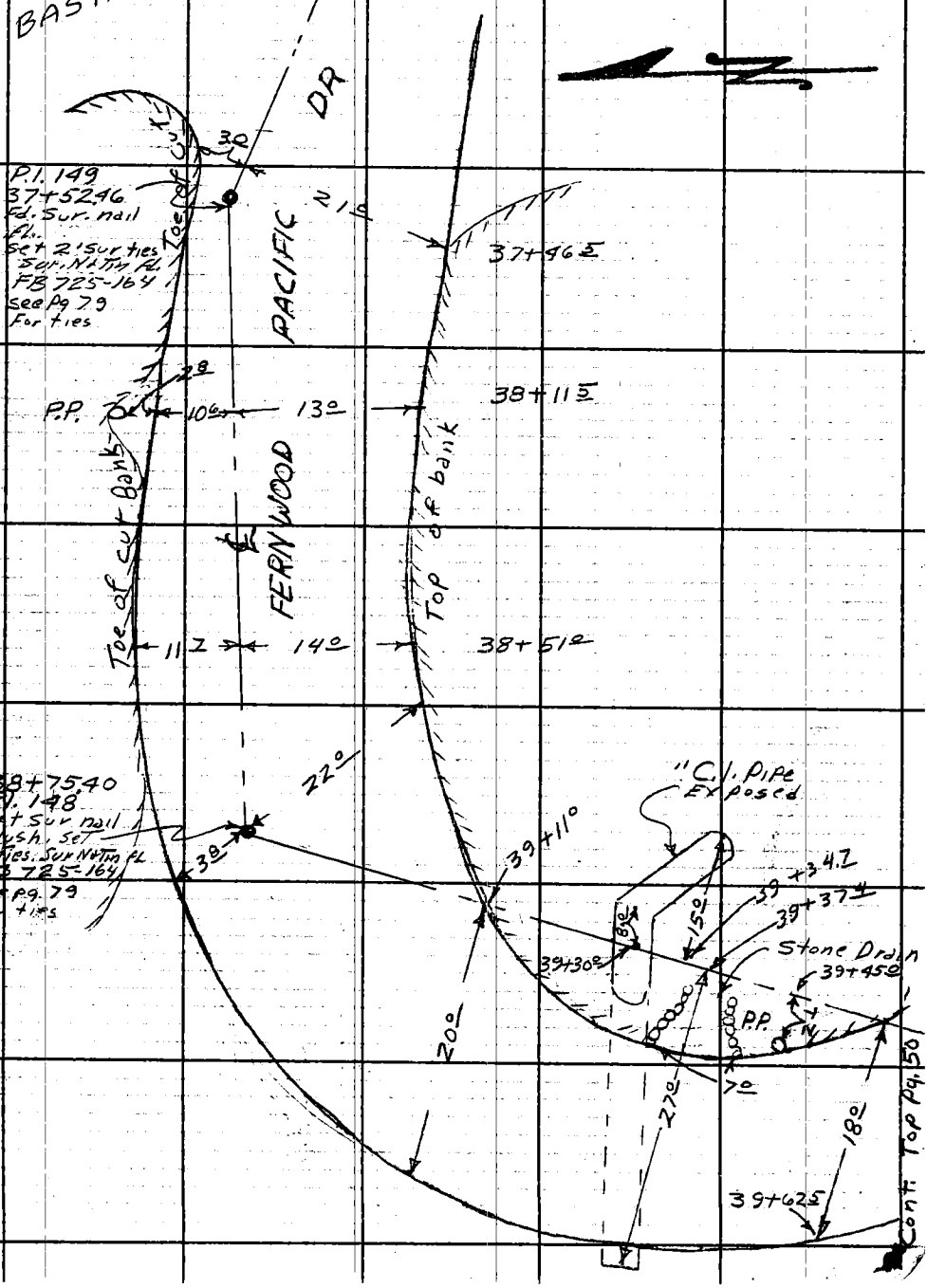
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 221514 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 1-22-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 49

Cont. from bot. Pg 48



Cont. Top Pg. 50

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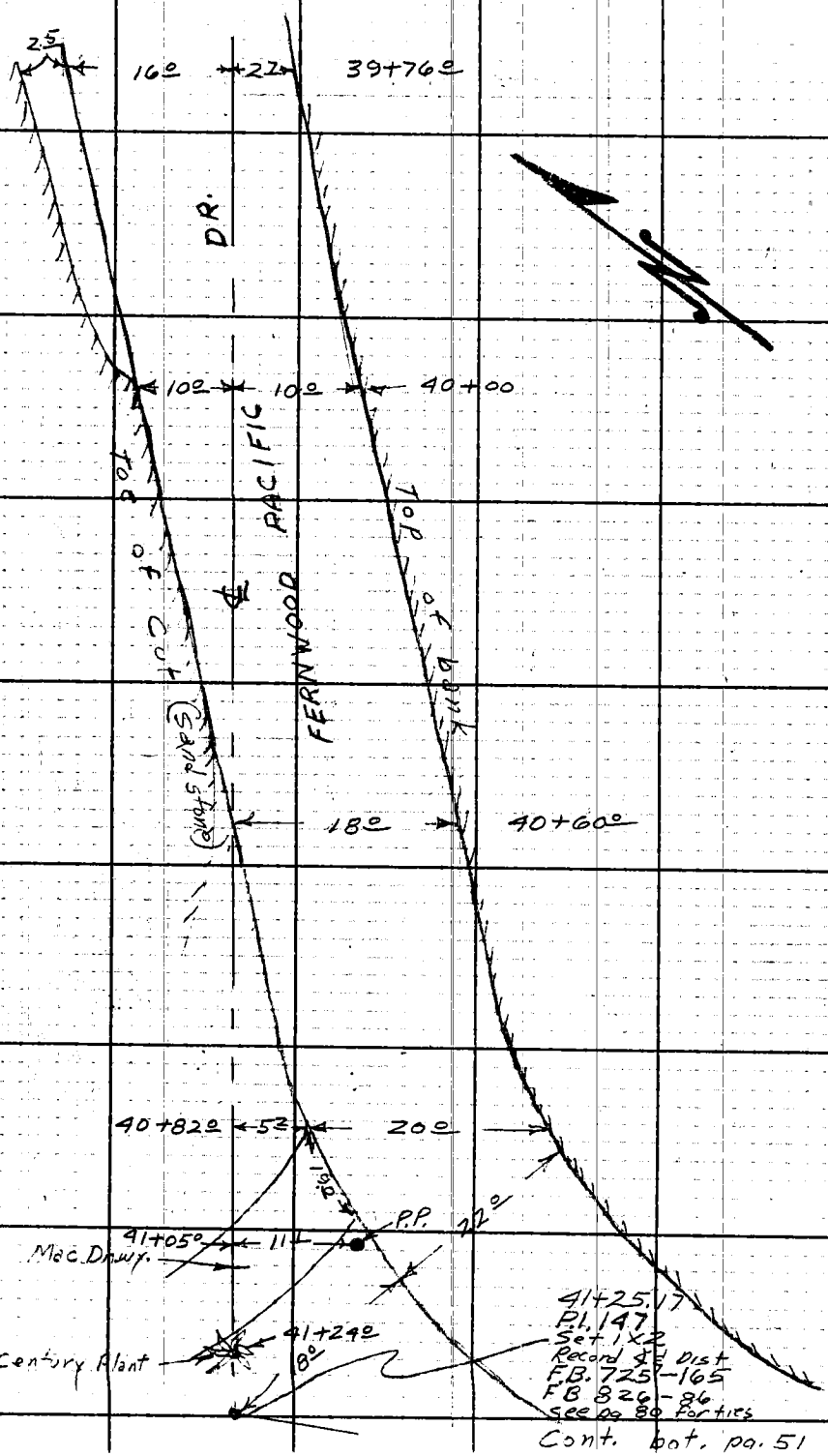
7 of 3095 CE # 310 (3-61)

Cont. from Rt. pg. 49

F. B. 3108 Pg. 50



Cont. bot. pa. 51

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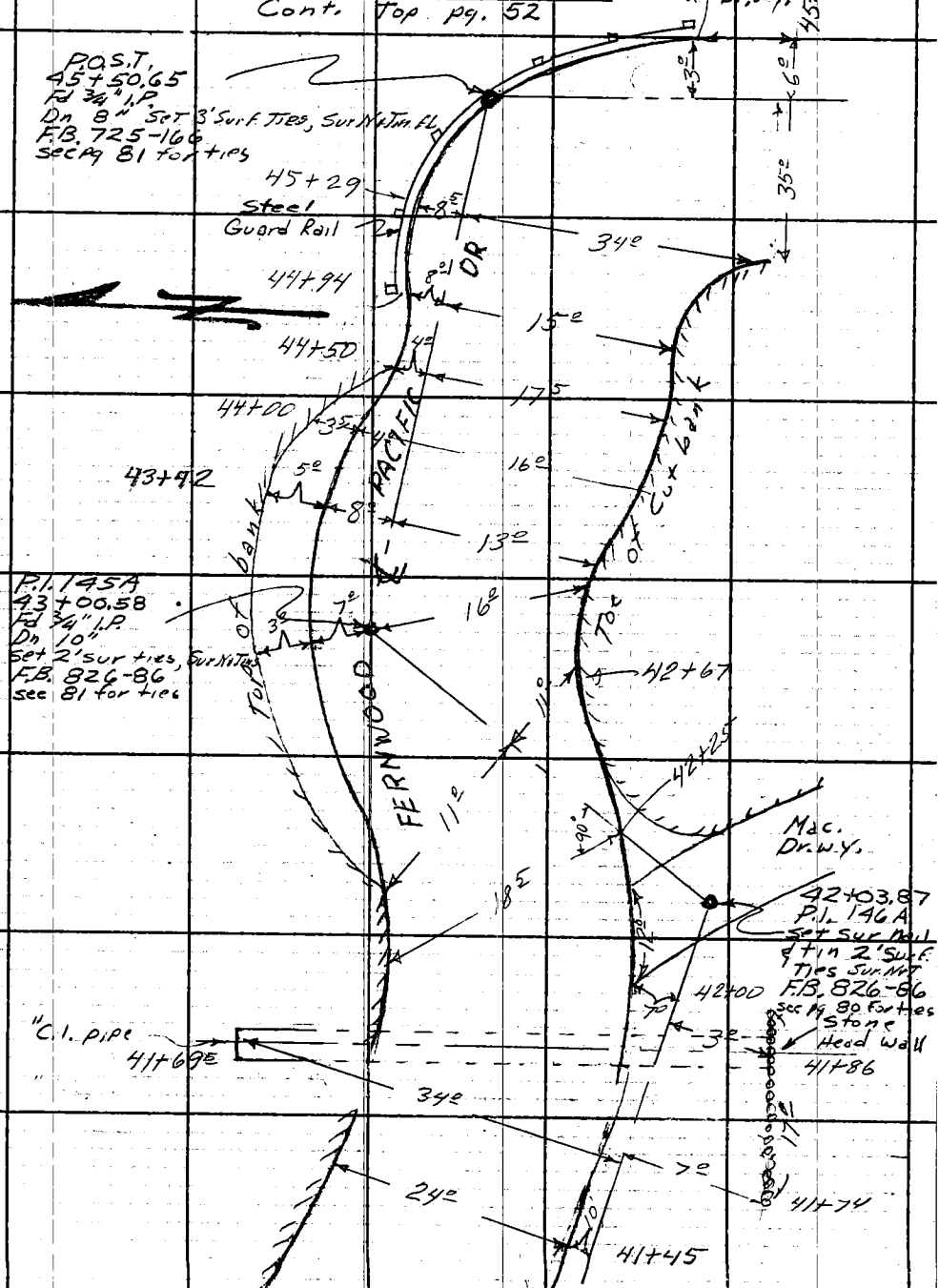
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 2215.14 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 1-23-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 51

Cont. Top pg. 52



Cont. from bot. pg. 50

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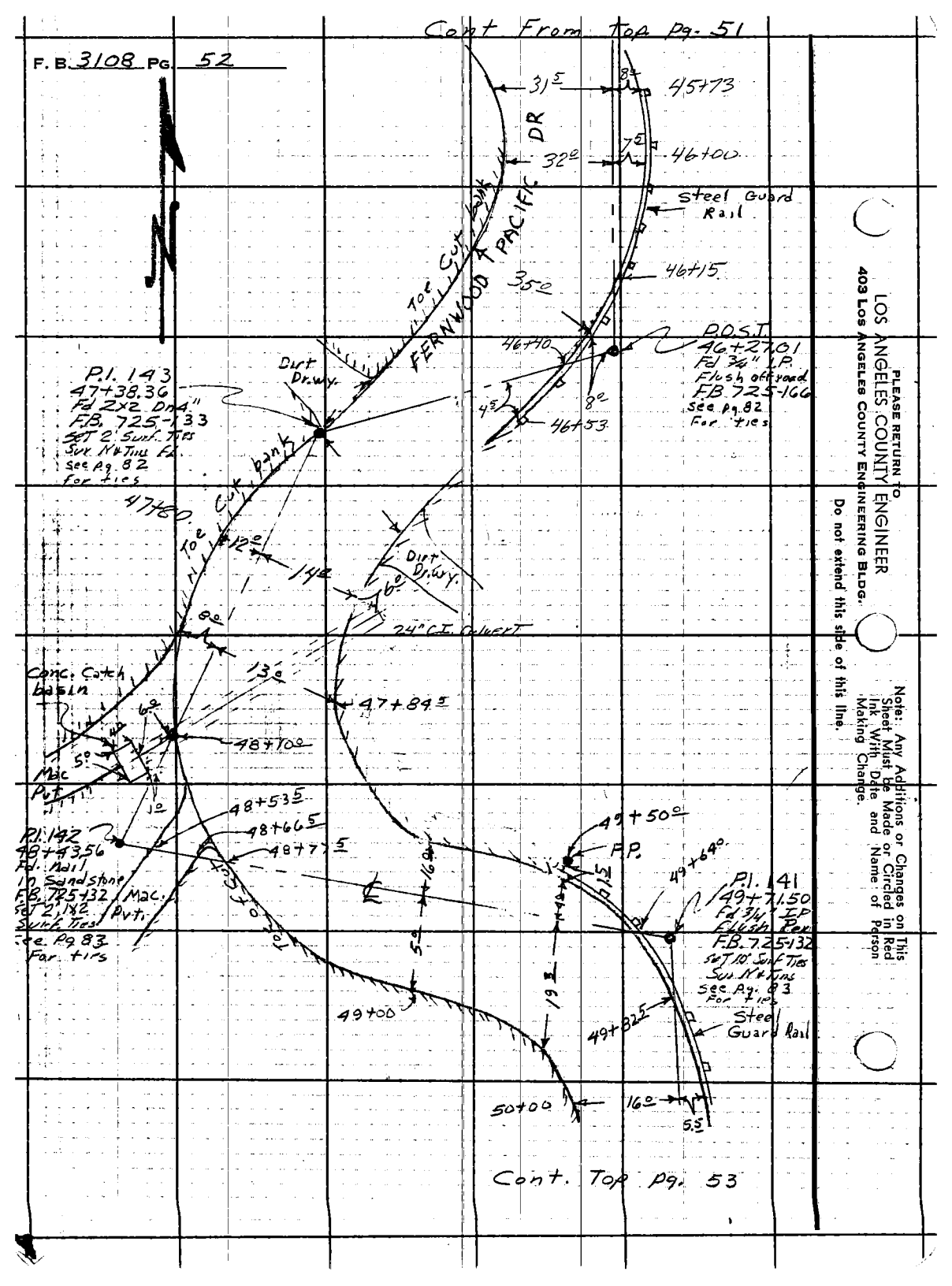
Cont From Top Pg. 51

F. B. 3108 PG. 52



Cont. Top Pg. 53

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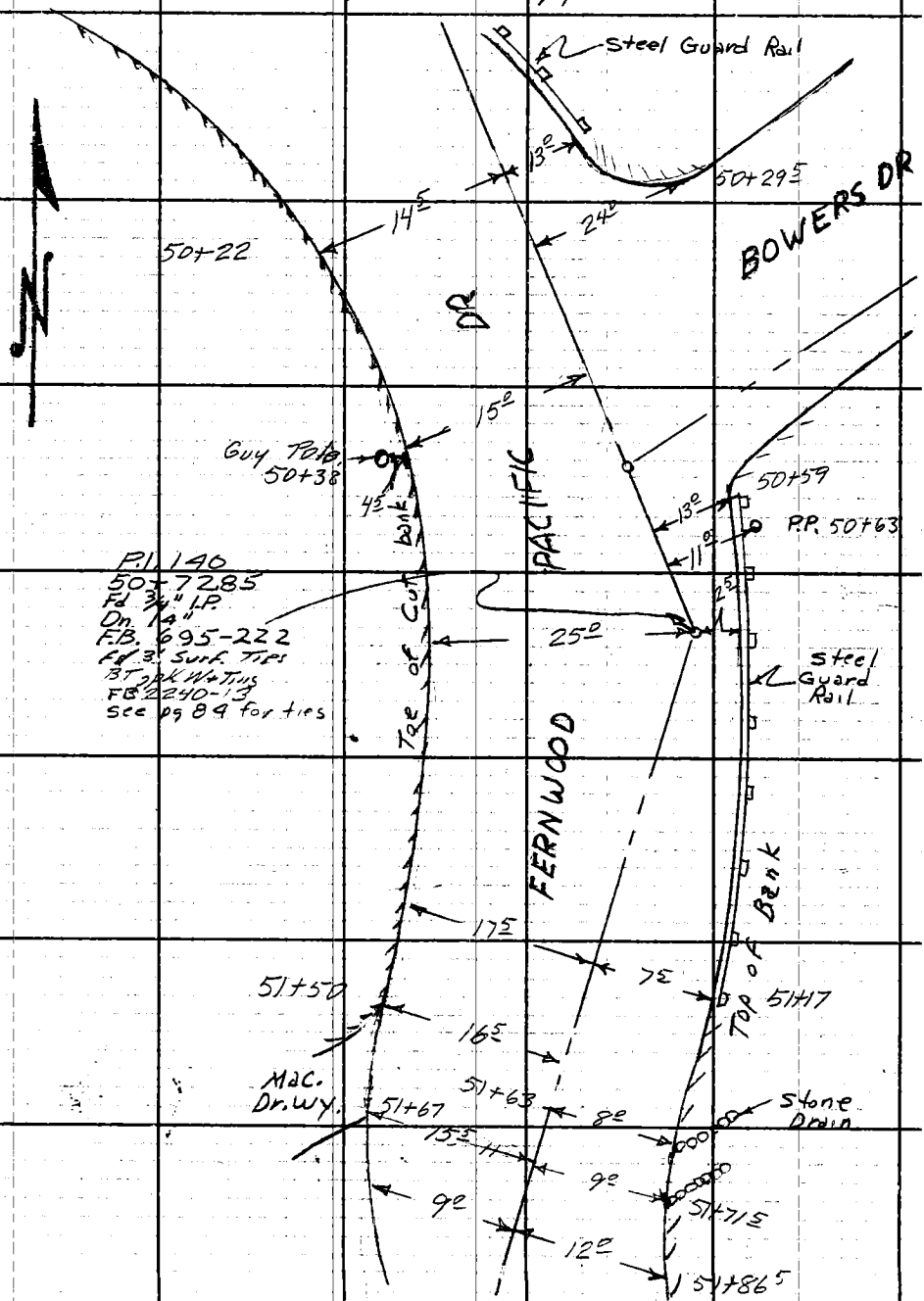
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 221514 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowhead
Checked	Notes C. Adams Date 1-23-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 53

Cont. from bot. pg. 52



Cont. Top. pg. 54

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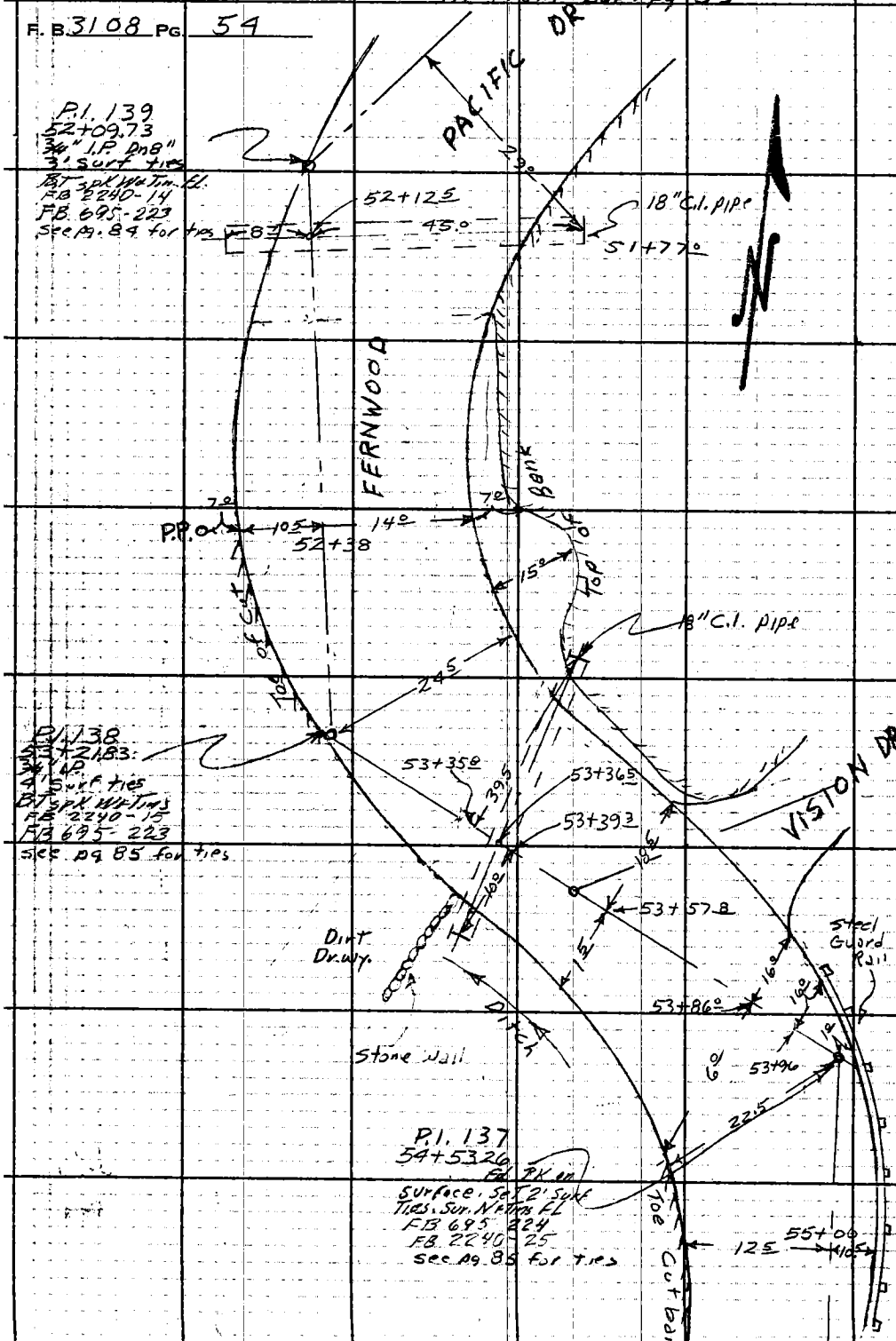
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

Cont. from Bot. pg 53

F. B. 3108 PG. 54



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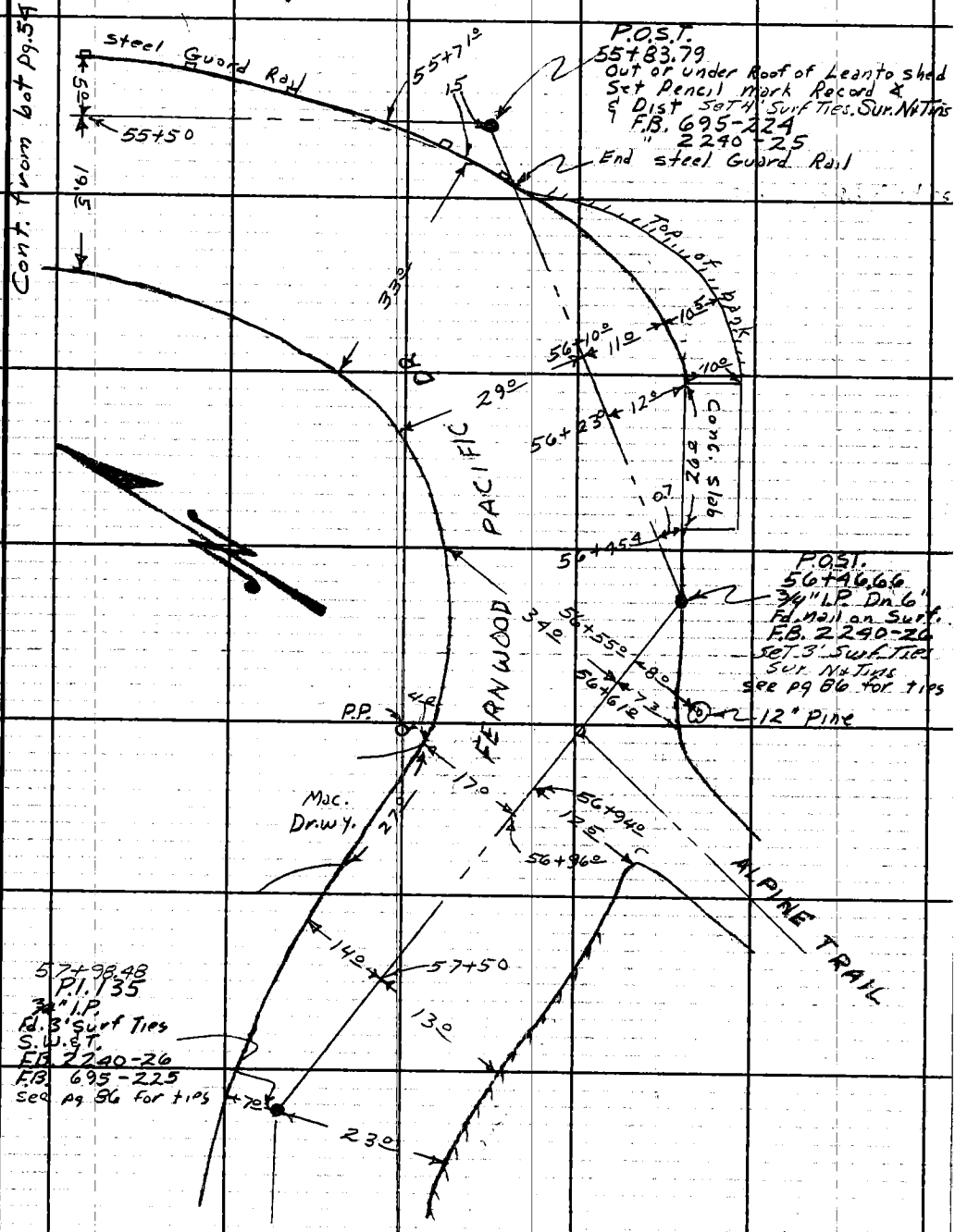
Cont. Lt. Pg. 55

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 221.514 Tape 191 Std 84 °F
Office Work	Surveyed by W S Cowherd
Checked	Notes C Adams Date 1-24-63
Date	Indexed G. J. GALLI

F. B. 3108 PG. 55



Cont. bot. pg 56

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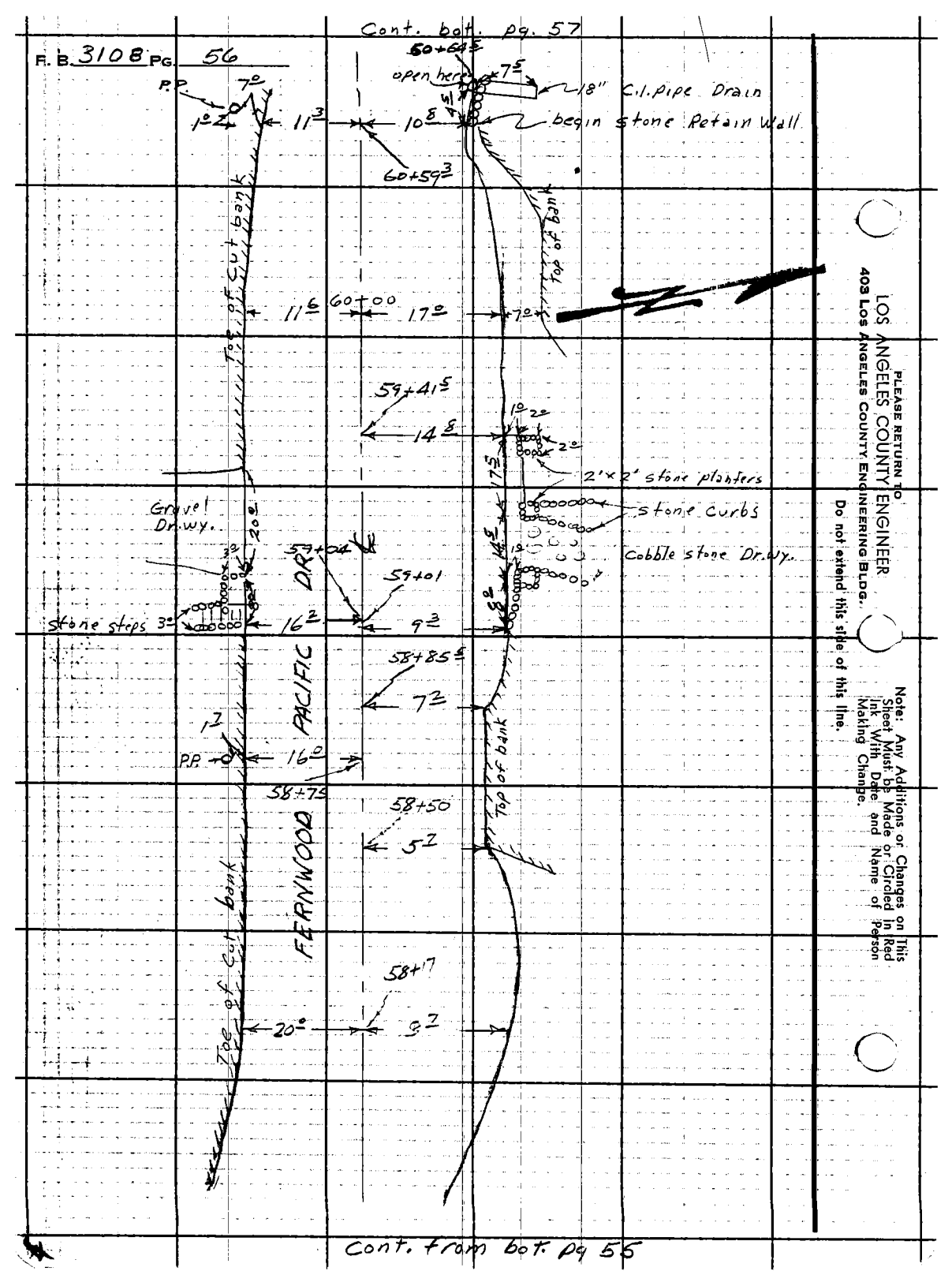
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Cont. bot. pg. 57

F. B. 3108 PG. 56



Cont. from bot. pg 55

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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 FERNWOOD PACIFIC DR
Map No.	JN 22514 Tape 191 Std. 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 1-25-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 57

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Cont. bot. pg. 58

63+00

P.O.S.T. 62+72.83 Fd 3/4" I.P. 8" Dn. set 2' surf ties Sur nail & tins F.B. 695-23 see pg 87 for ties

Toe of Cut Bank

Top of Bank

62+45

Stone Retain wall

Dirt Dr. W.y.

Conc. Dr.W.y.

62+06

61+95 GUY POLE

61+80 6' DIA. C.I. WATER TANK

61+75 P.P.

FERNWOOD PACIFIC DR

6" Conc. head wall

61+45

Gravel Dr.wy.

Gravel Drwy.

18" C.I. pipe 61+37

Conc. Junction or Box

set S&T 61+15.2

18" C.I. pipe Drain

Stone Retain Wall

P.I. 134 61+13.43

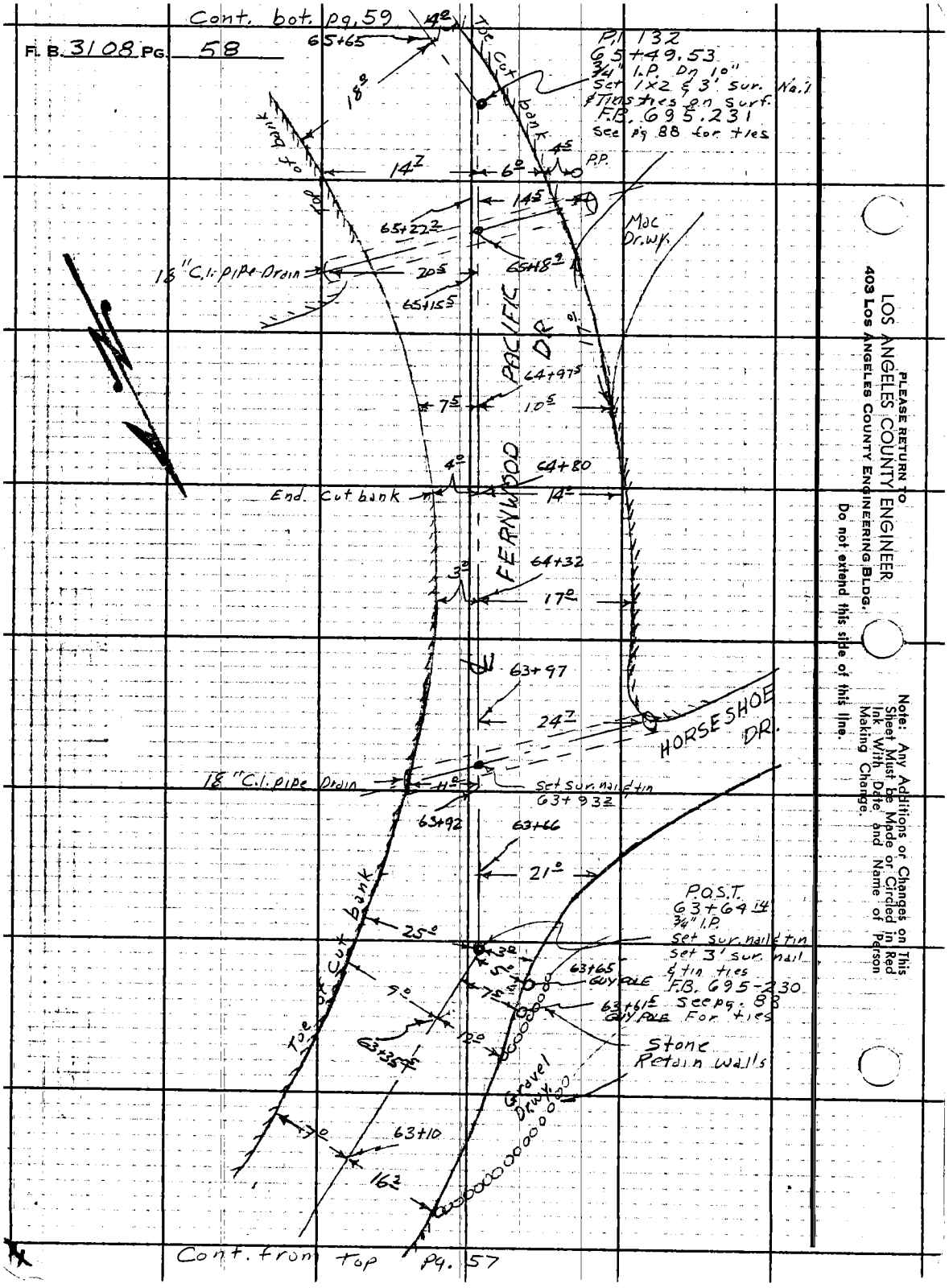
Fd. P.K nail on surf. Set 2' surf. ties Sur. nails & tins F.B. — See pg 87 for ties

60+87

7GF3095 CE # 310 13-61

F. B. 3108 PG. 58

Cont. bot. pg. 59



Cont. from top pg. 57

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403 Los Angeles County Engineering Bldg.

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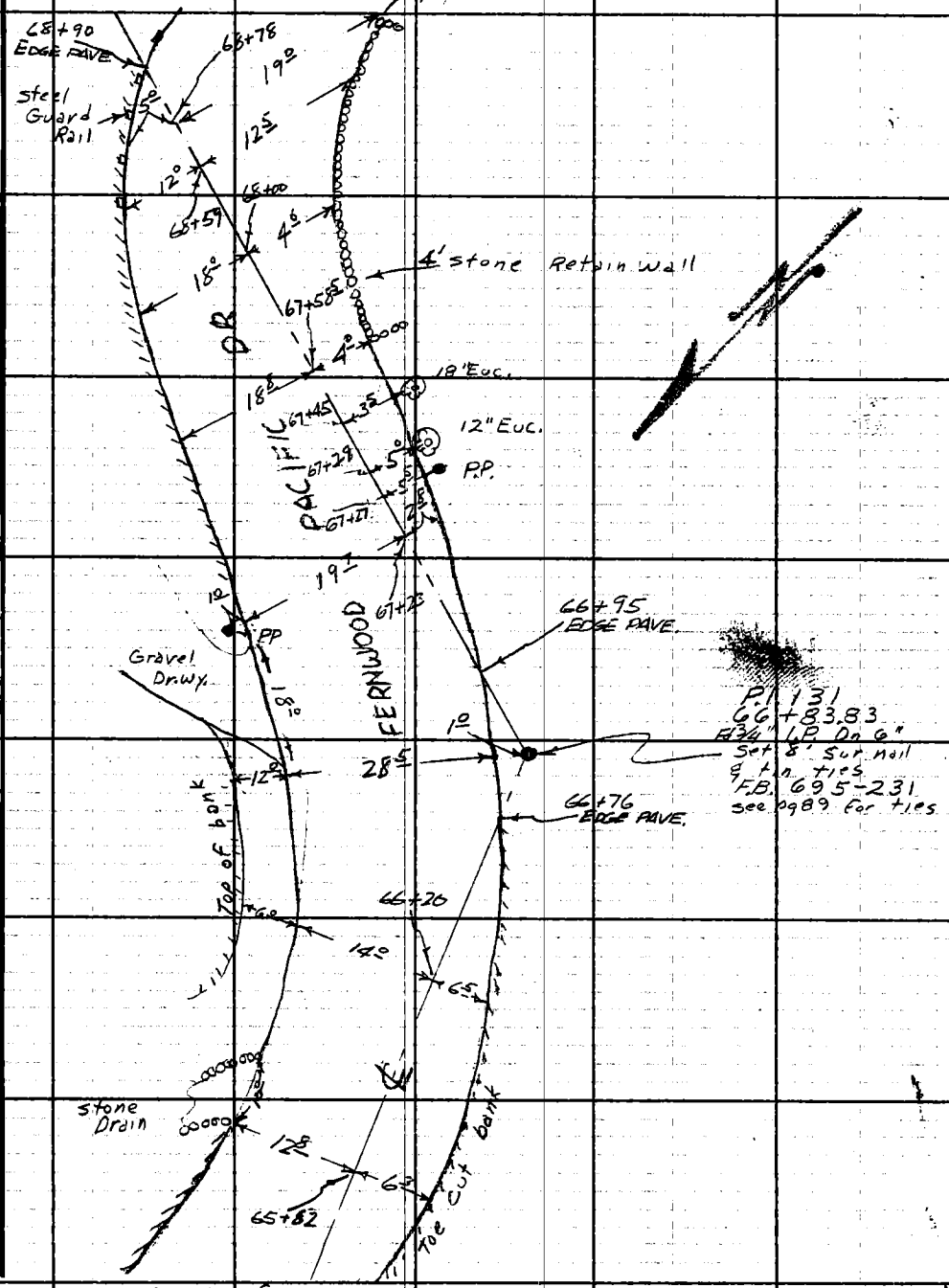
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 221514 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 1-25-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 59

Cont. Rt. Bot. pg. 60



Cont. from top, pg. 58

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

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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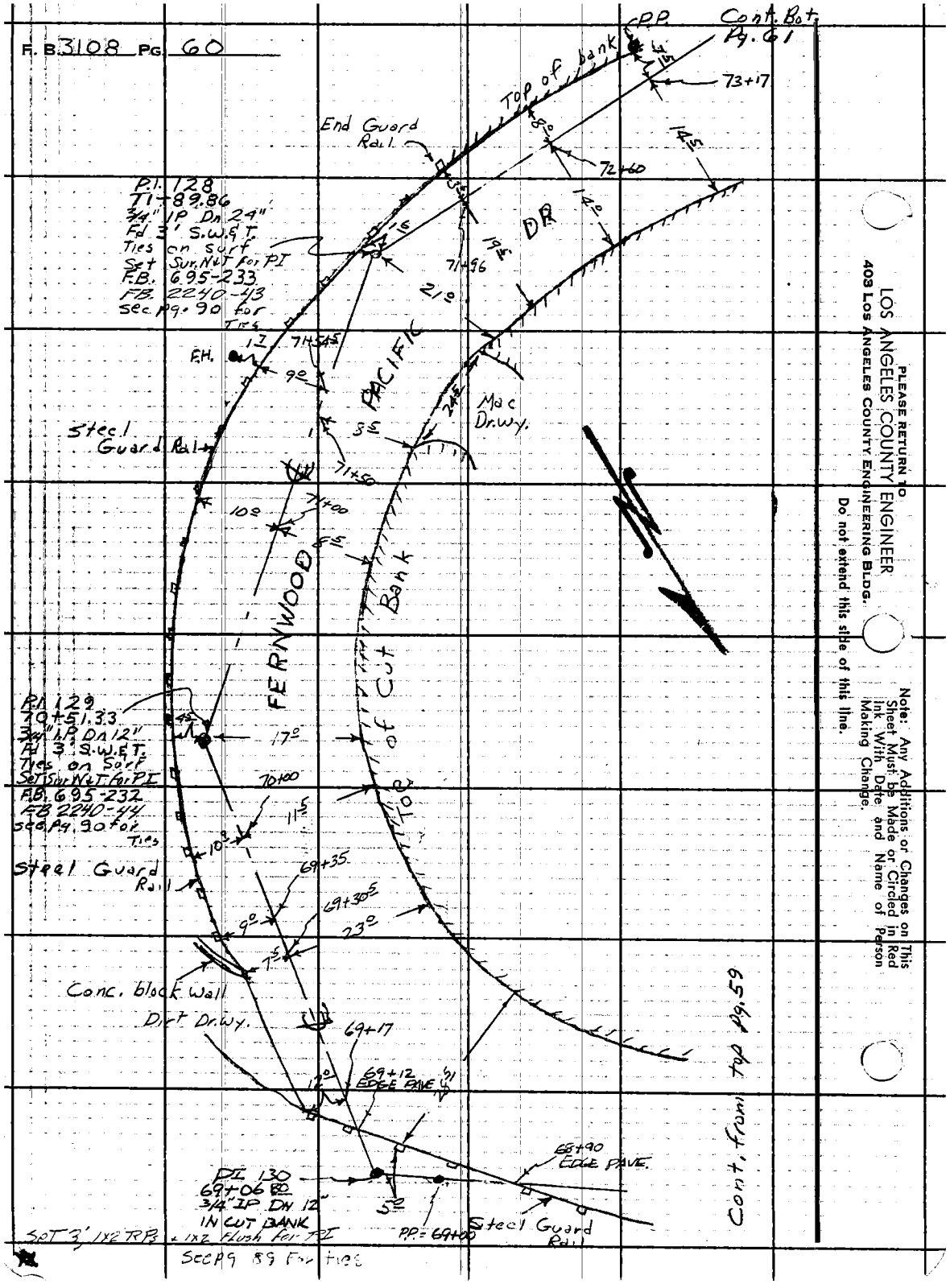
76F309S CE # 310 3-61

F. B. 3108 PG. 60



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403 Los Angeles County Engineering Bldg.

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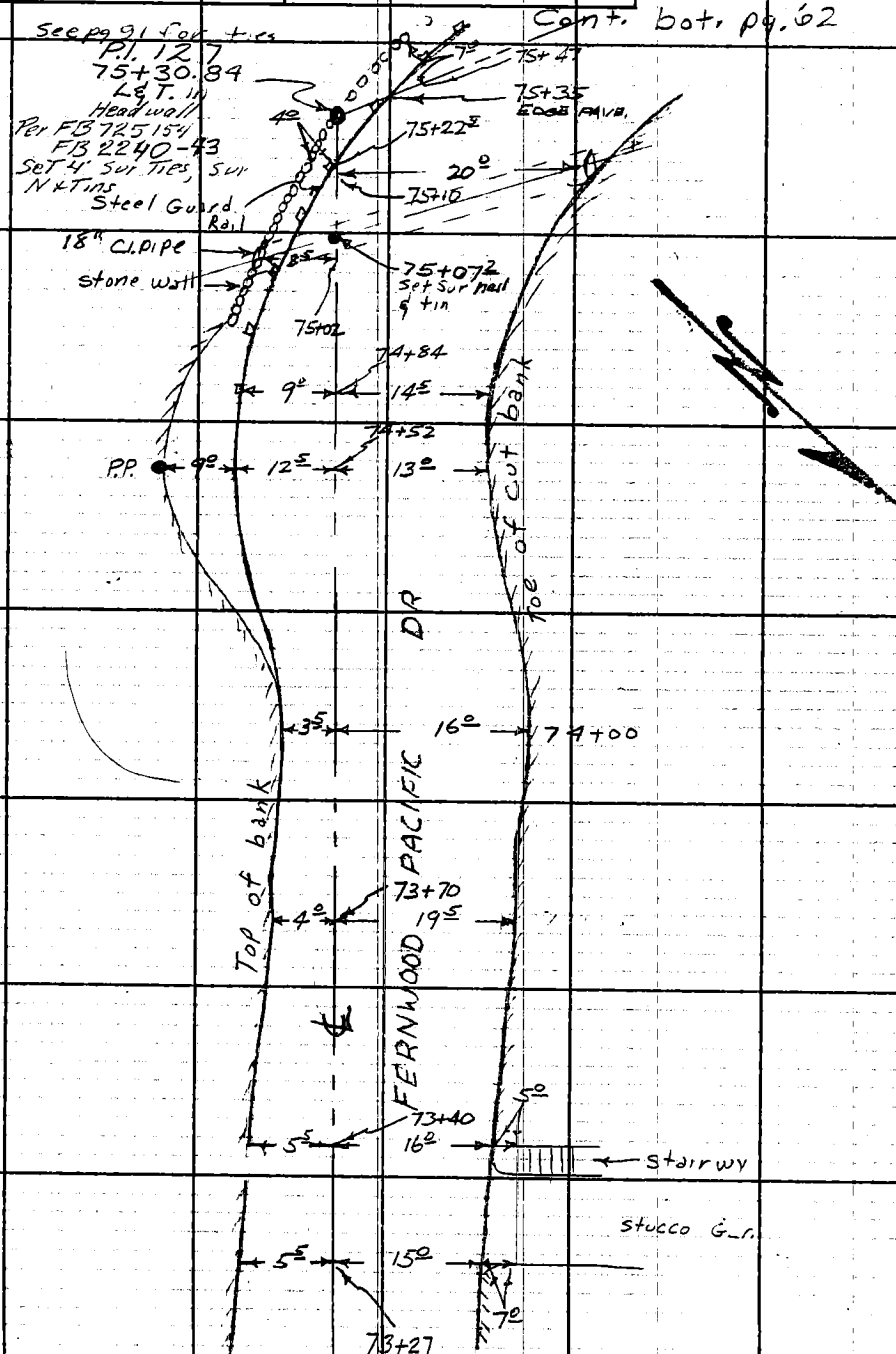
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 221514 Tape 191 Std. 84 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 1-25-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 61

Cont. bot. pg. 62



Cont. from Rt. pg. 60

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

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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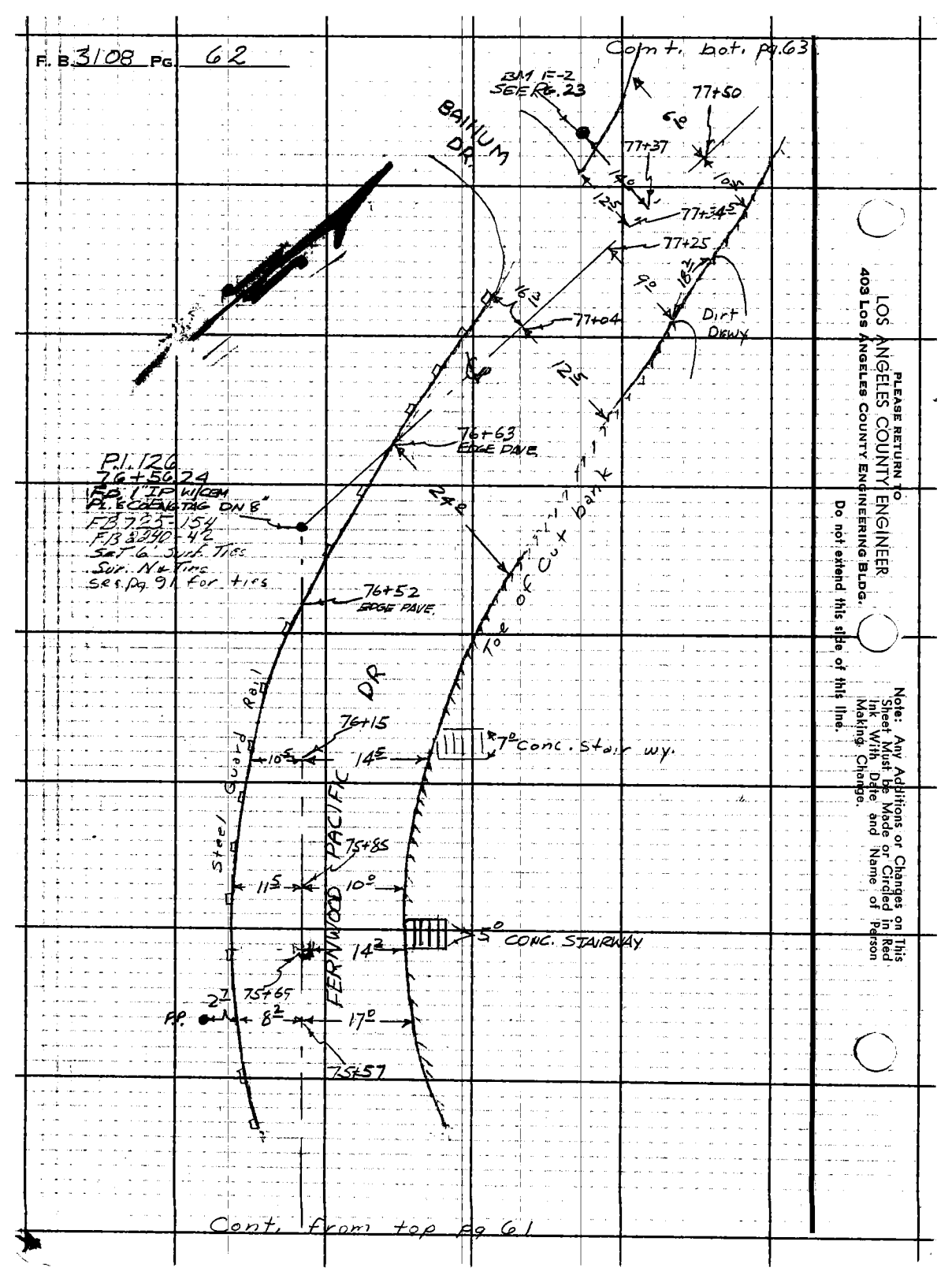
F. B. 3108 PG. 62



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403 Los Angeles County Engineering Bldg.
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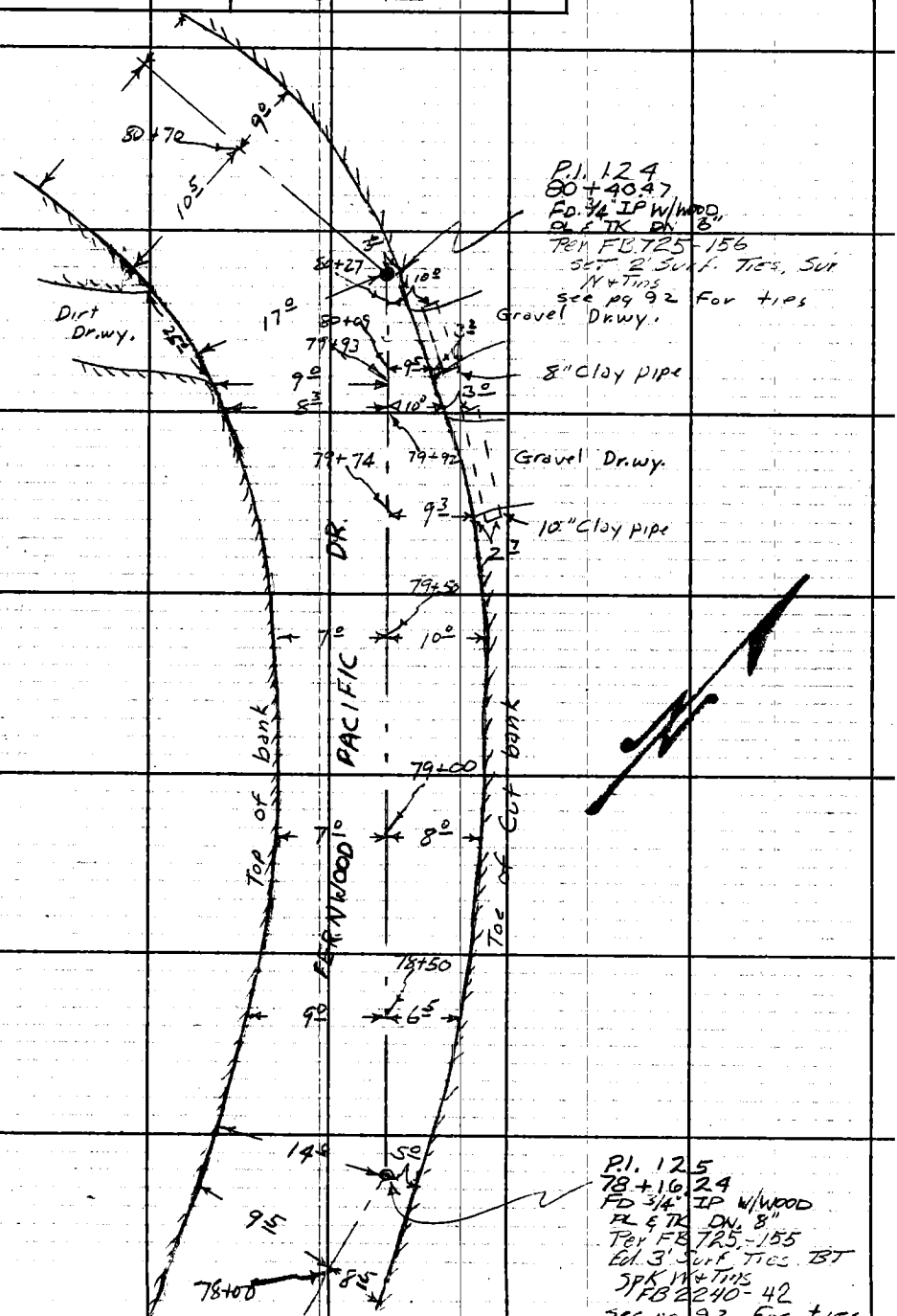
Notes Ck'd by	Survey of FERNWOOD PACIFIC	F. B. 3108 PG. 6.3
Map No.	JN 221514 Tape 191 Std 84 °F	
Office Work	Surveyed by W.S. Cowherd	
Checked	Notes C. Adams Date 1-25-63	
Date	Indexed C. J. GALLI	



Cont. from top pg. 62

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

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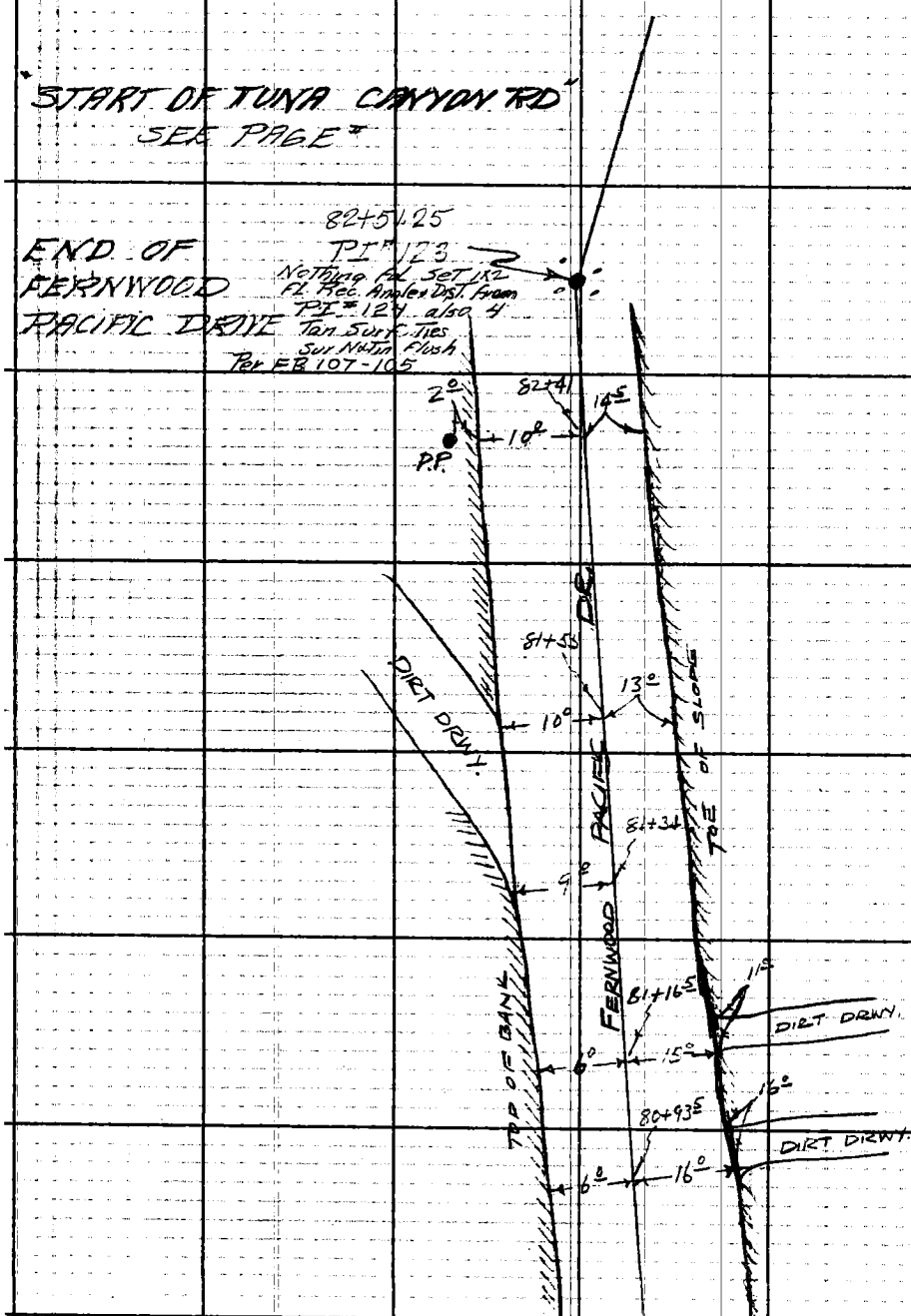
76F3095 CE # 310 3-61

F. B. 3108 PG 64

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 FERNWOOD PACIFIC DR
Map No.	JN 0303.00 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 1-30-63
Date	Indexed G. J. GALLI FEB 4 63

F. B. 3108 PG. 65

FERNWOOD PACIFIC DRIVE
TIES TO ALL P.I.s FROM 0+00 AT
INTERSECTION TOPANGA CANYON ROAD
TO END OF FERNWOOD PACIFIC DRIVE &
START TUNA CANYON ROAD 82+51.25

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

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76F309S CE # 310 3-61

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 0303.00 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COMFORD
Checked	Notes W.S.C Date 1-30-63
Date	Indexed R. J. GALLI

F. B. 3106 PG. 67

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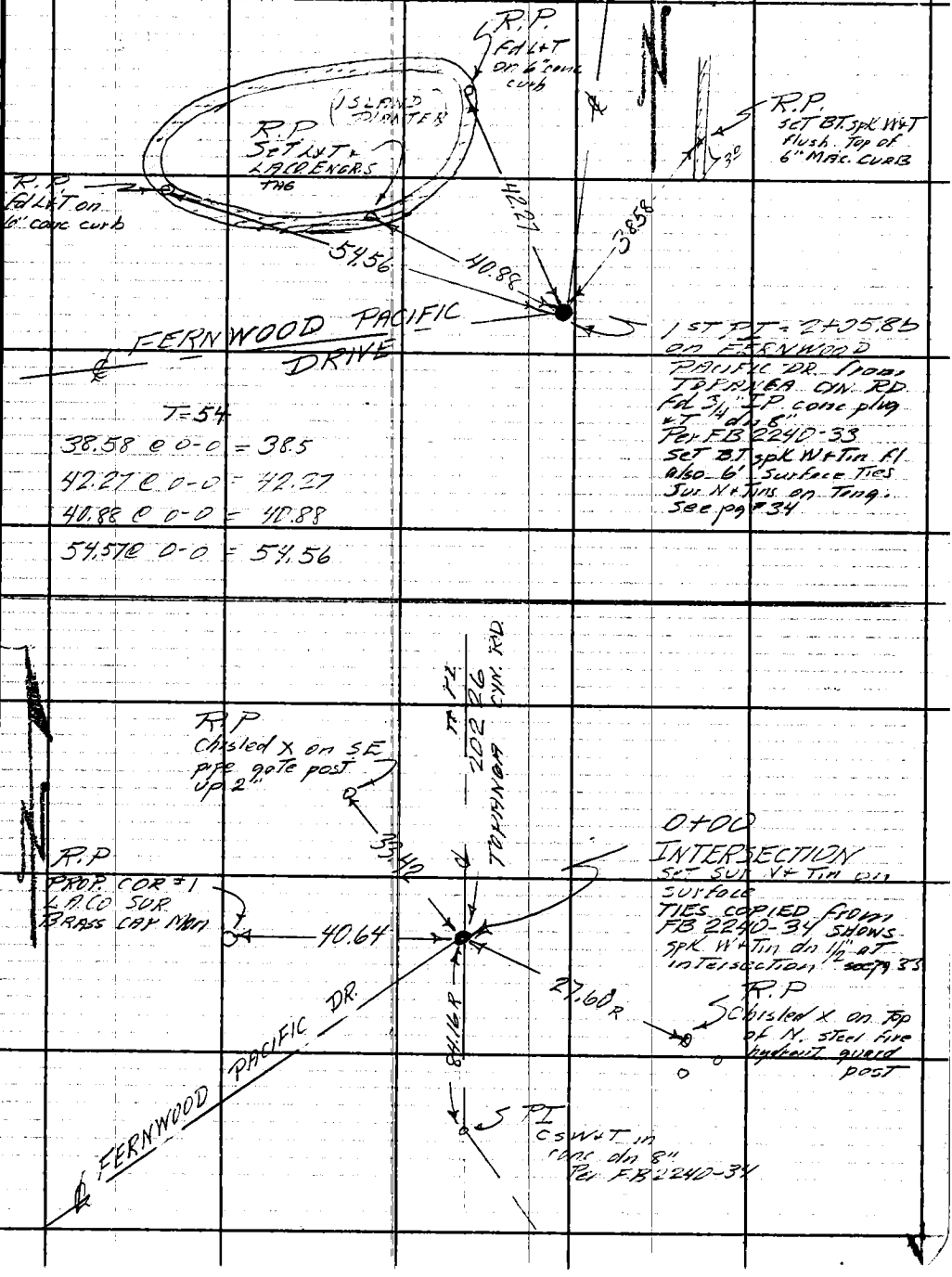
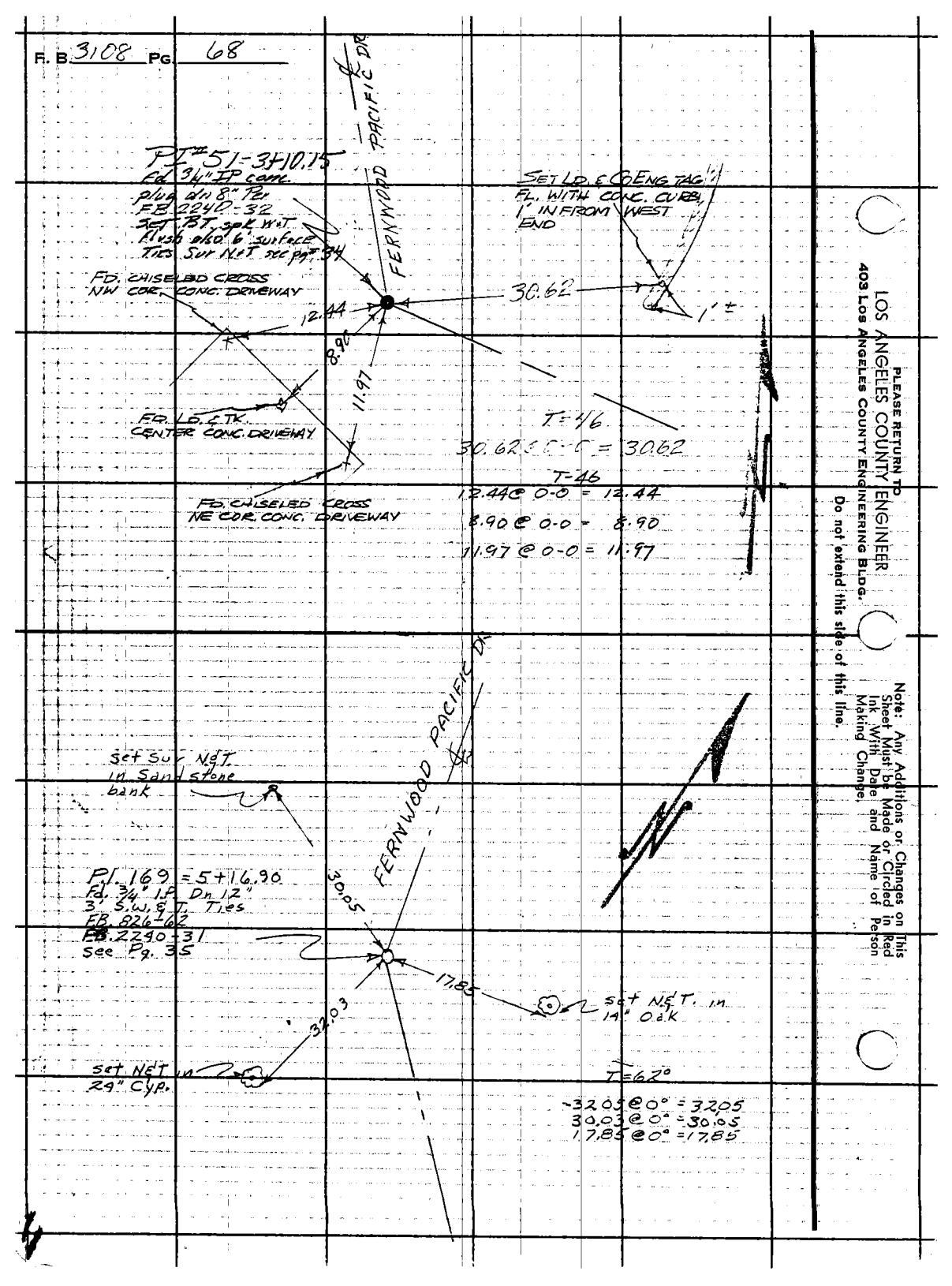


F. B. 3108 Pg. 68



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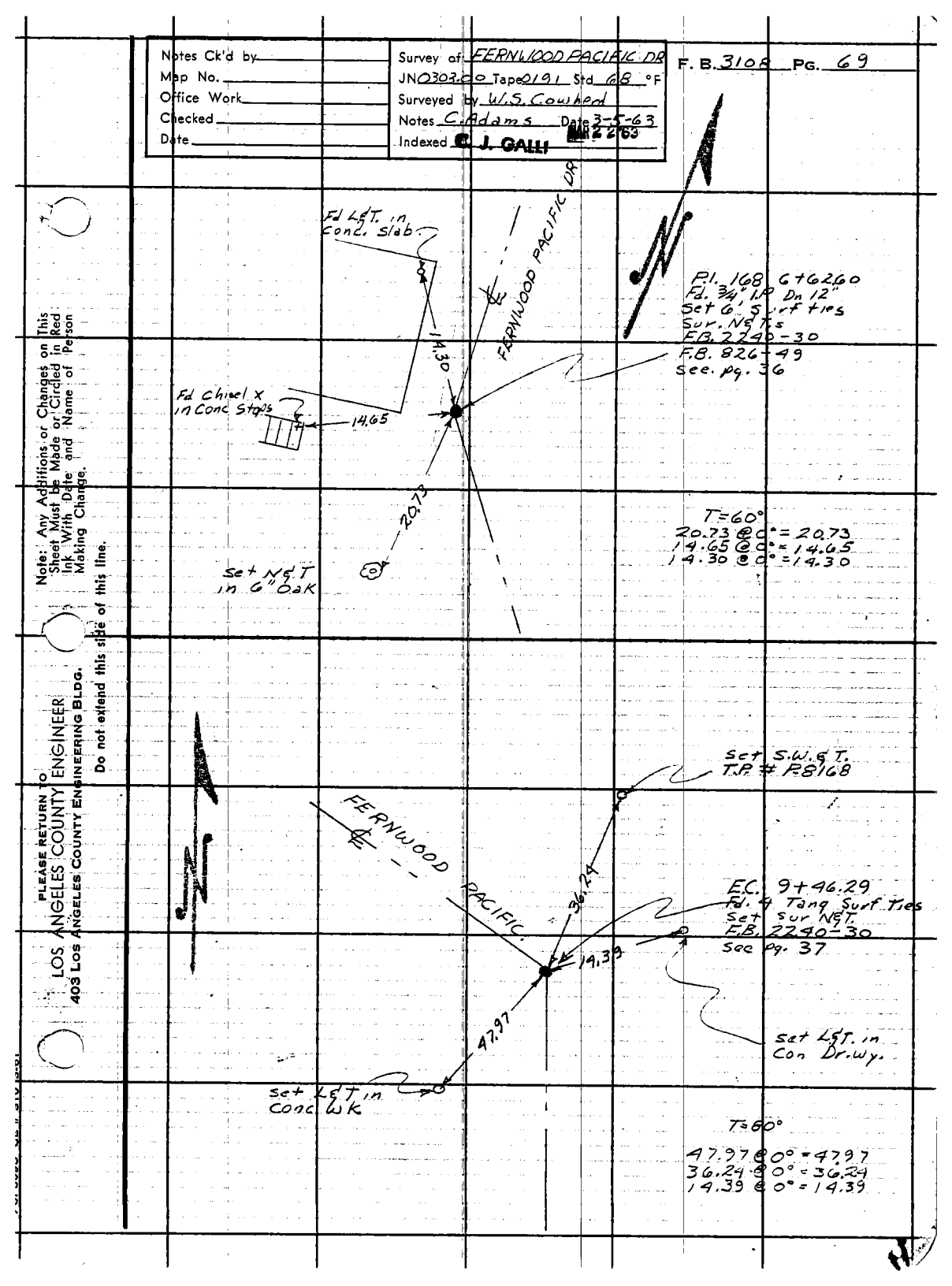
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 0303.00 Tape 2191 Std. 68 °F
Office Work	Surveyed by W.S. Cowhead
Checked	Notes C. Adams Date 3-5-63
Date	Indexed J. GALLI

F. B. 3108 PG. 69



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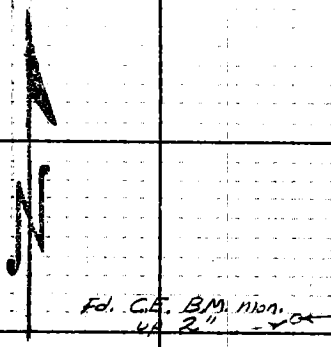
403 LOS ANGELES COUNTY ENGINEERING BLDG.

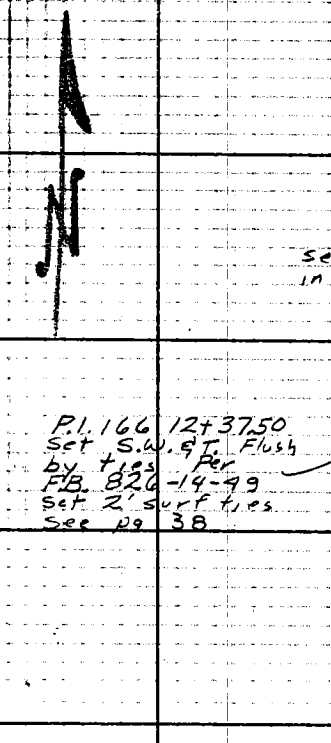
F. B 3108 PG. 70

W.S. 89 C-3



T=80°

47.97 @ 0° = 47.97
29.92 @ 0° = 29.92
12.25 @ 0° = 12.25



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403 Los Angeles County Engineering Bldg.

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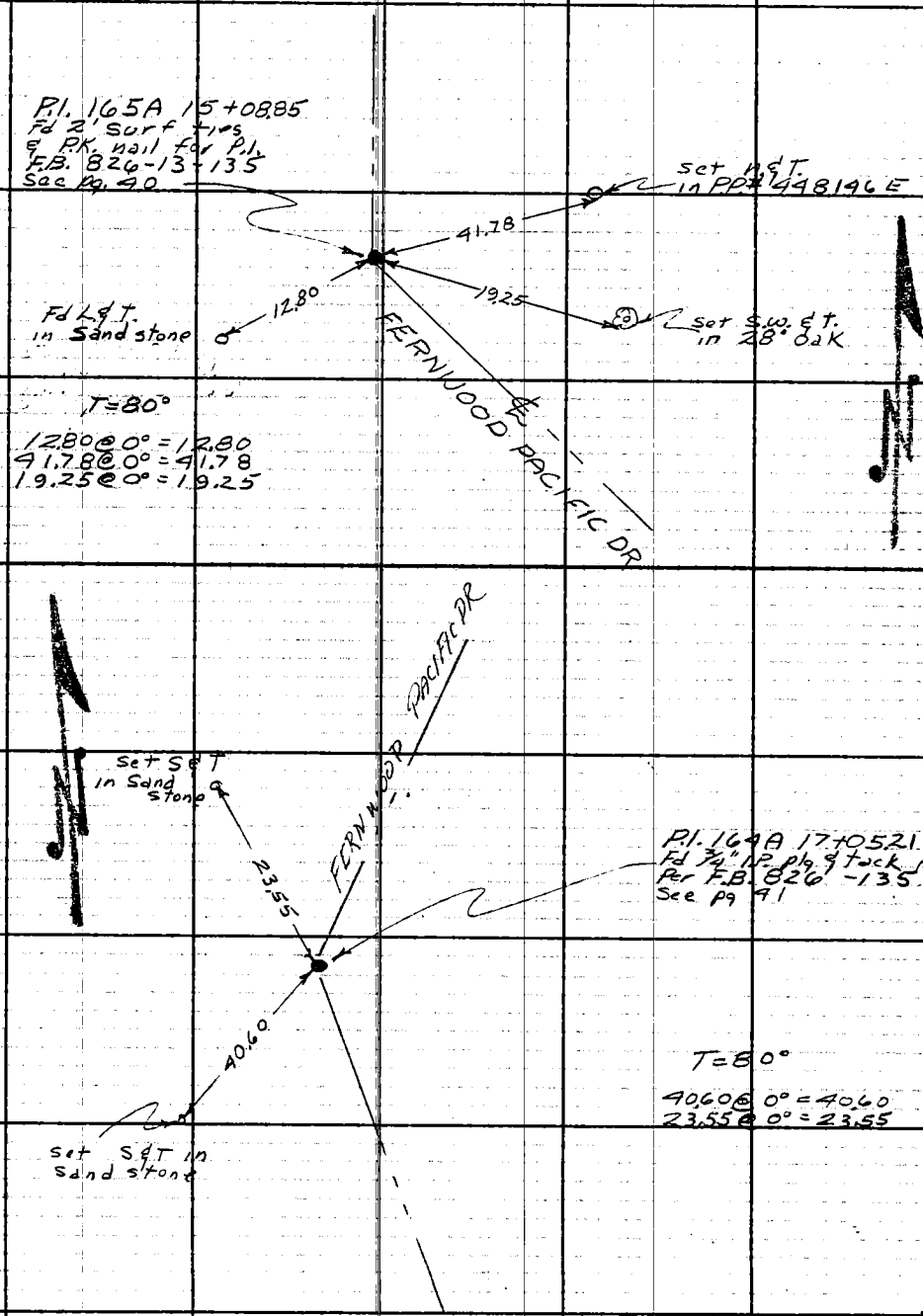
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 0303.00 Tape 191 Std 68 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 3-5-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 71



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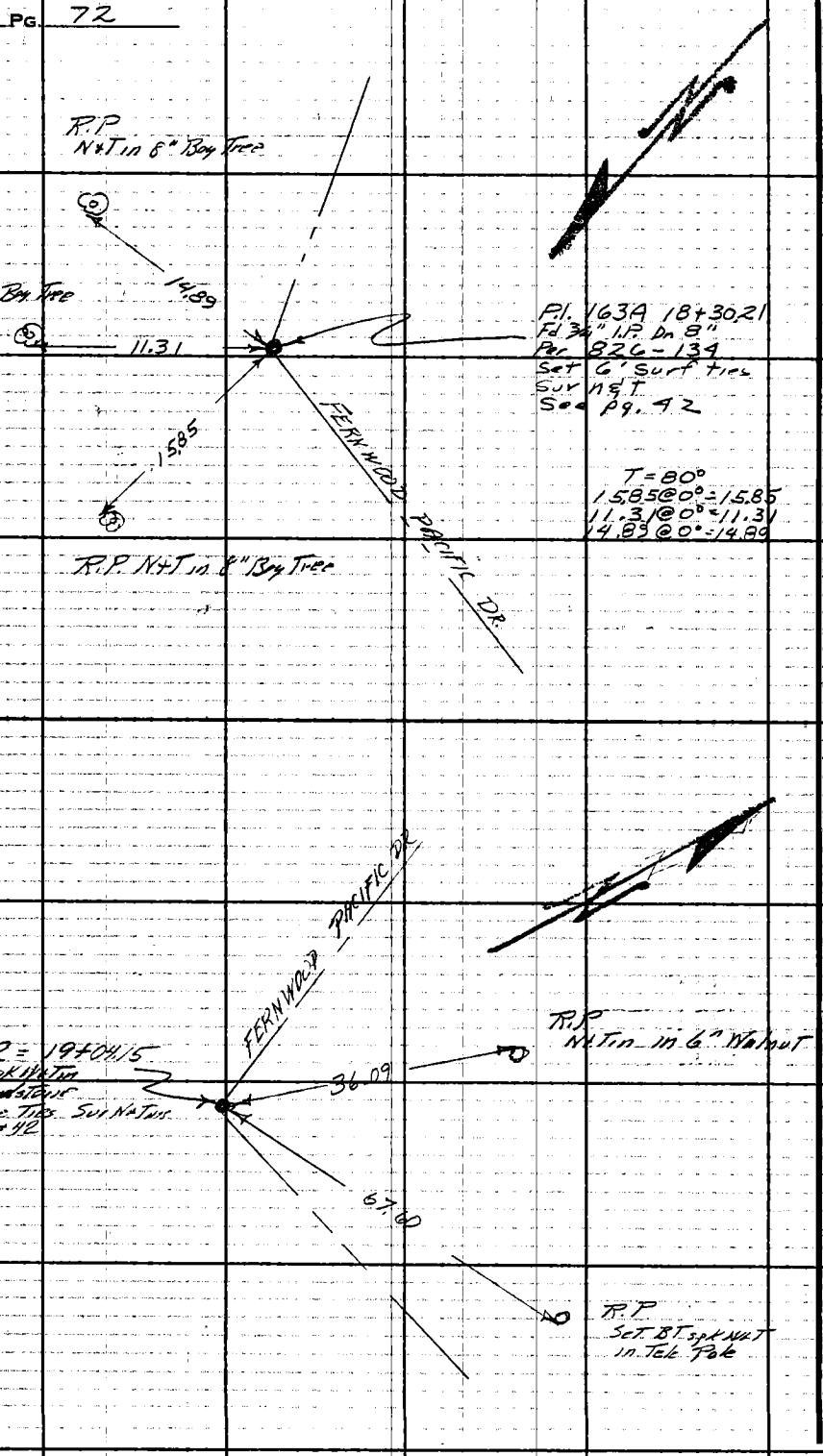
403 LOS ANGELES COUNTY ENGINEERING BLDG.

W.S. 89 C-3

F. B. 3108 Pg. 72



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403 Los Angeles County Engineering Bldg.

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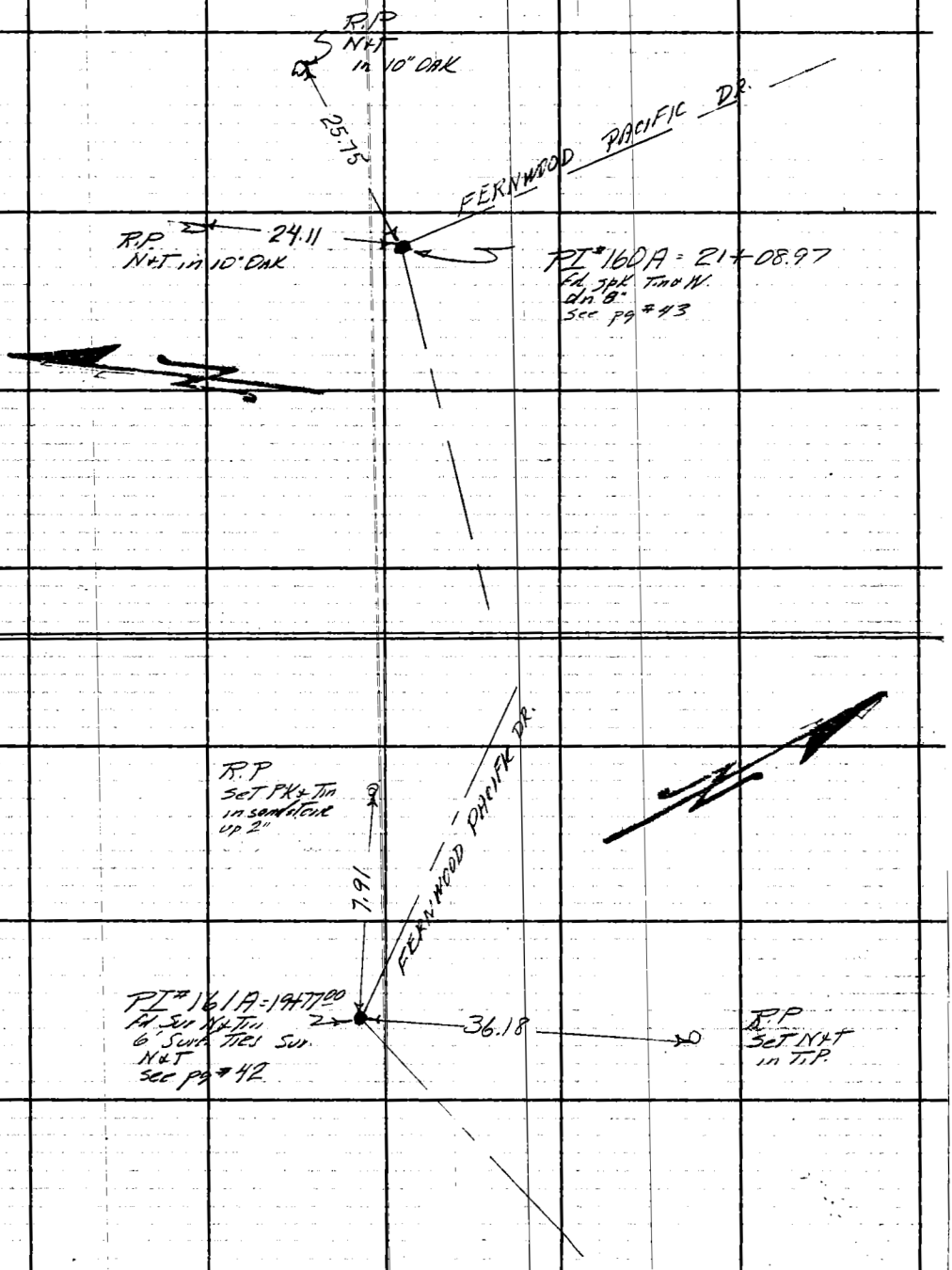
11

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR.
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed R. J. GALLI

F. B. 3108 PG. 73



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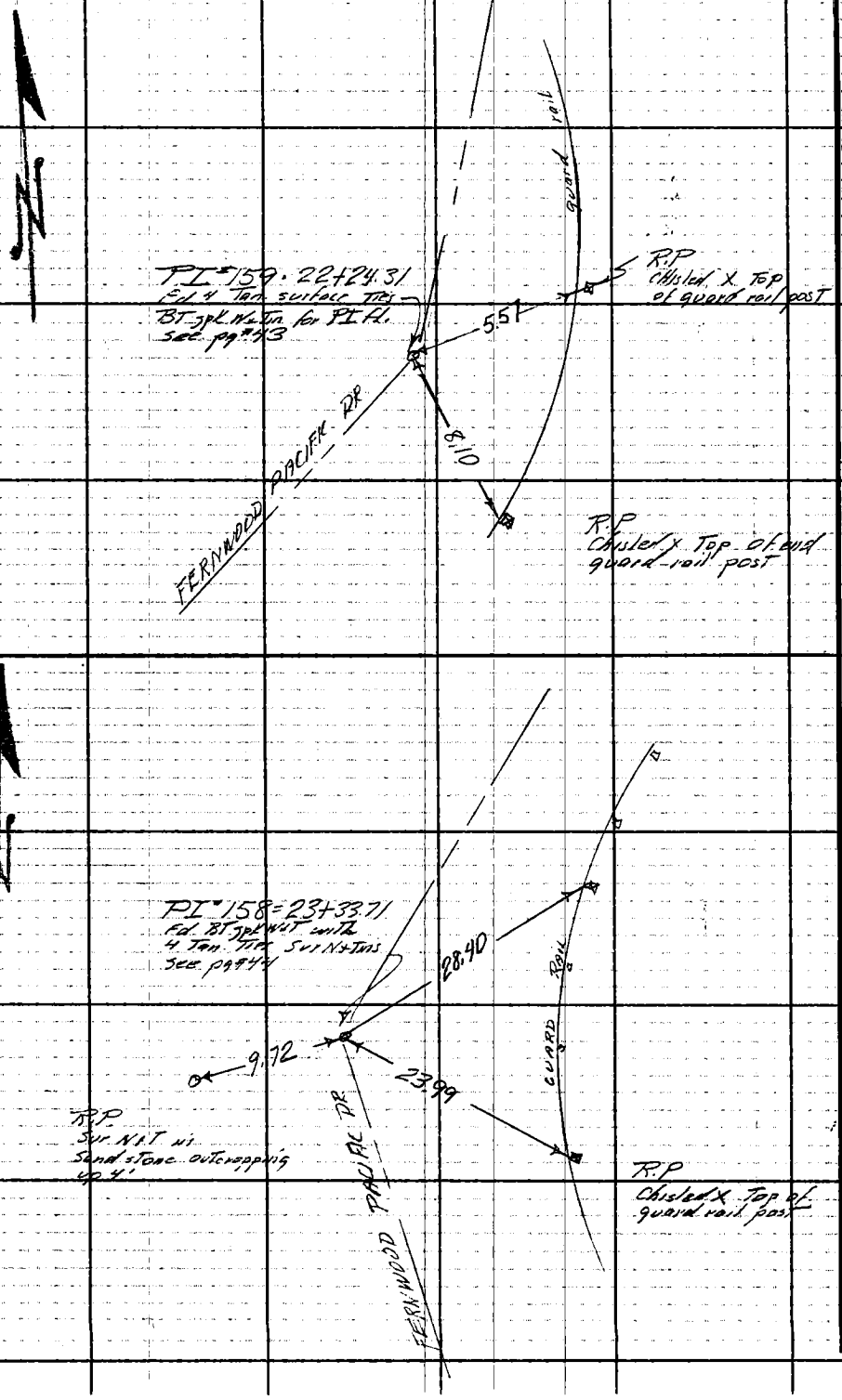
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

F. B. 3108 PG. 74



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409 Los Angeles County Engineering Bldg.

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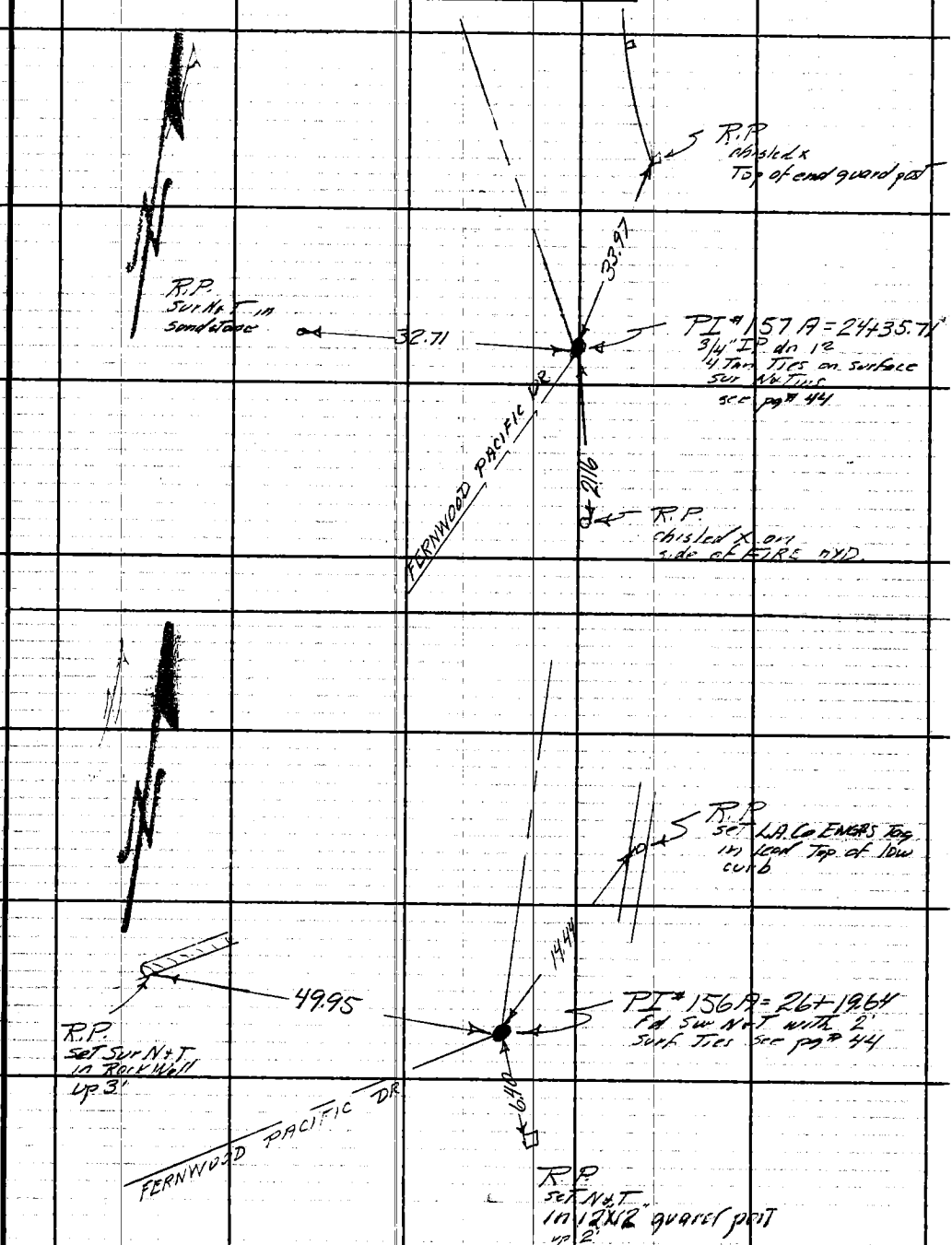
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR.	F. B. 3108 PG. 75
Map No.	JN 0303.00 Tape 191 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W.S.C Date 3-5-63	
Date	Indexed R. J. GALLI	



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.

7 OF 3095 CE # 310 3-61

F. B. 3108 PG. 76

U.S. 89 A-3

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403 Los Angeles County Engineering Bldg.

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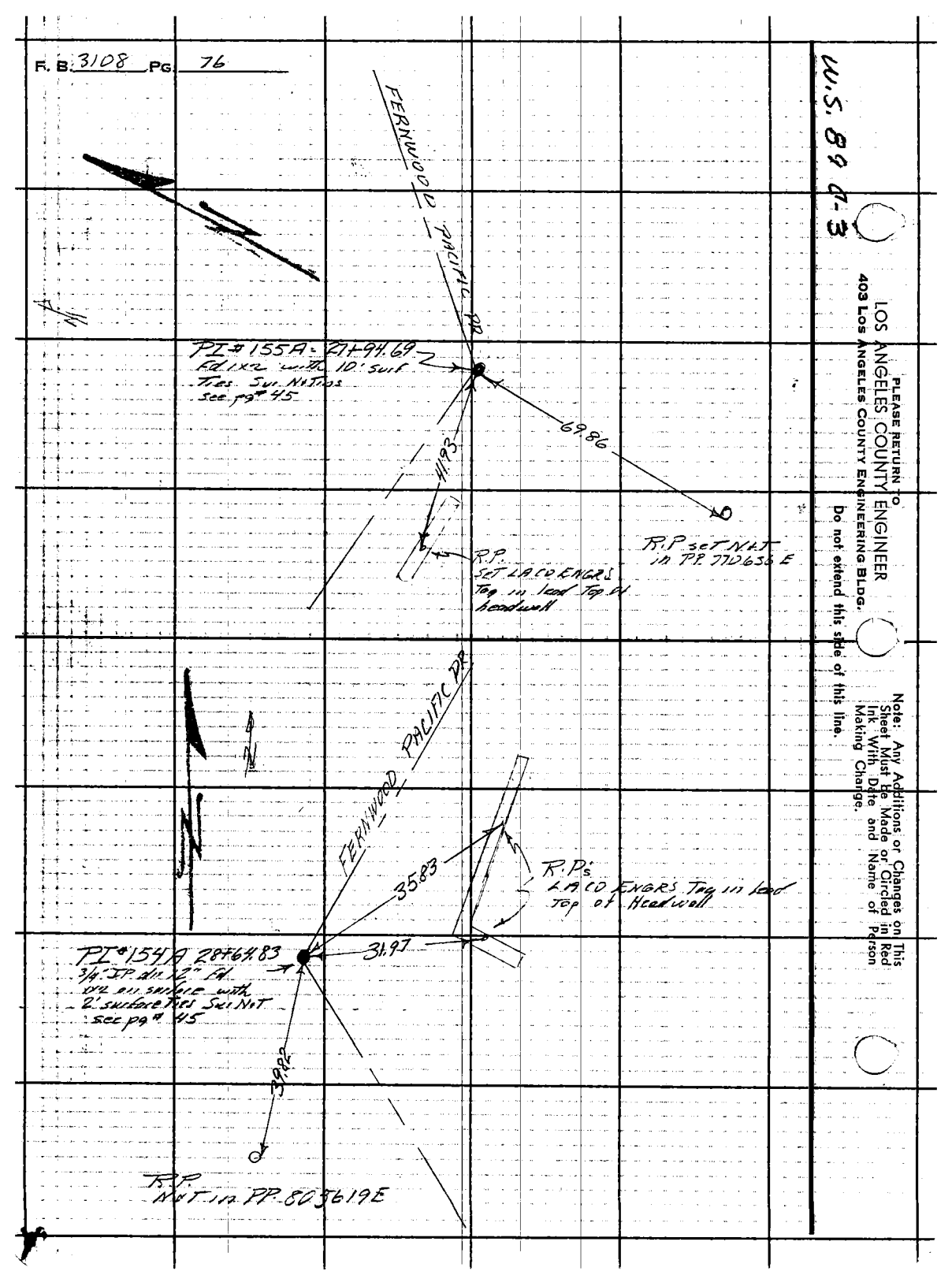
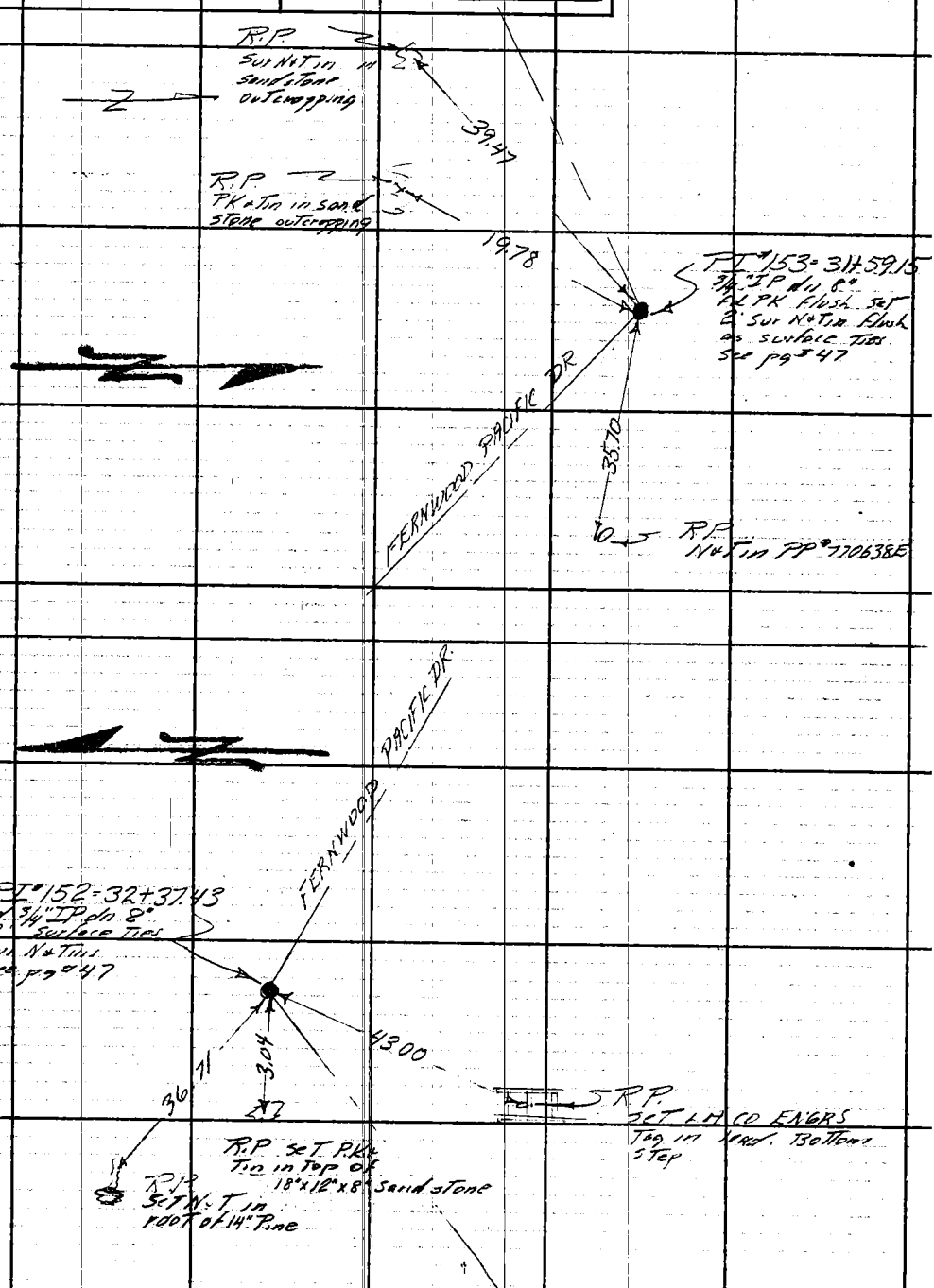


Notes Ck'd by	Survey of FERNWOOD PACIFIC DR.
Map No.	JN 0303.00 Tape 171 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes WSL Date 3-5-63
Date	Indexed E. J. GAIN

F. B. 3108 PG. 77



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PLEASE RETURN TO
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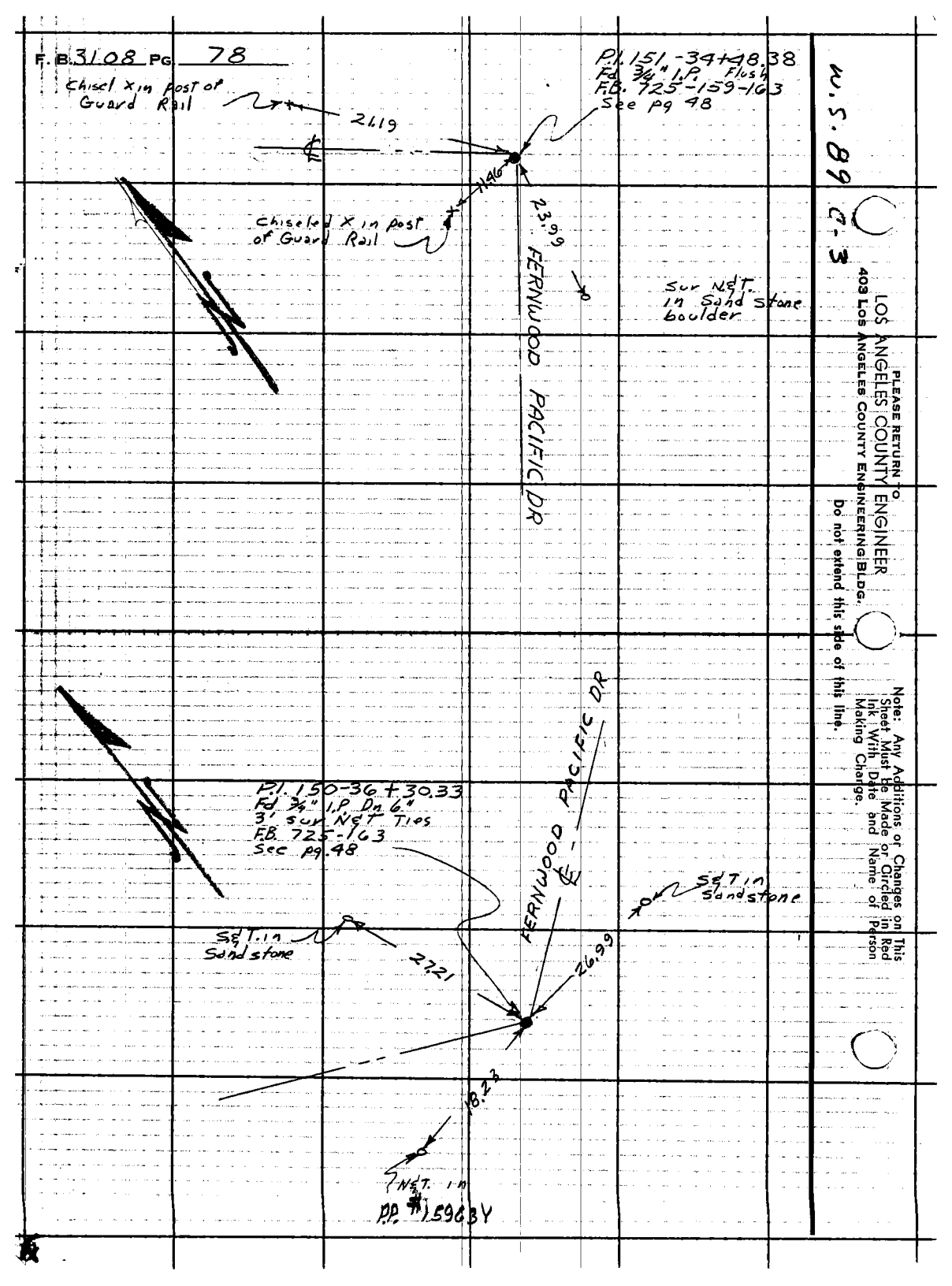
403 LOS ANGELES COUNTY ENGINEERING BLDG.

F.B. 3108 PG 78



W.S. 89 C-3

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403 Los Angeles County Engineering Bldg.

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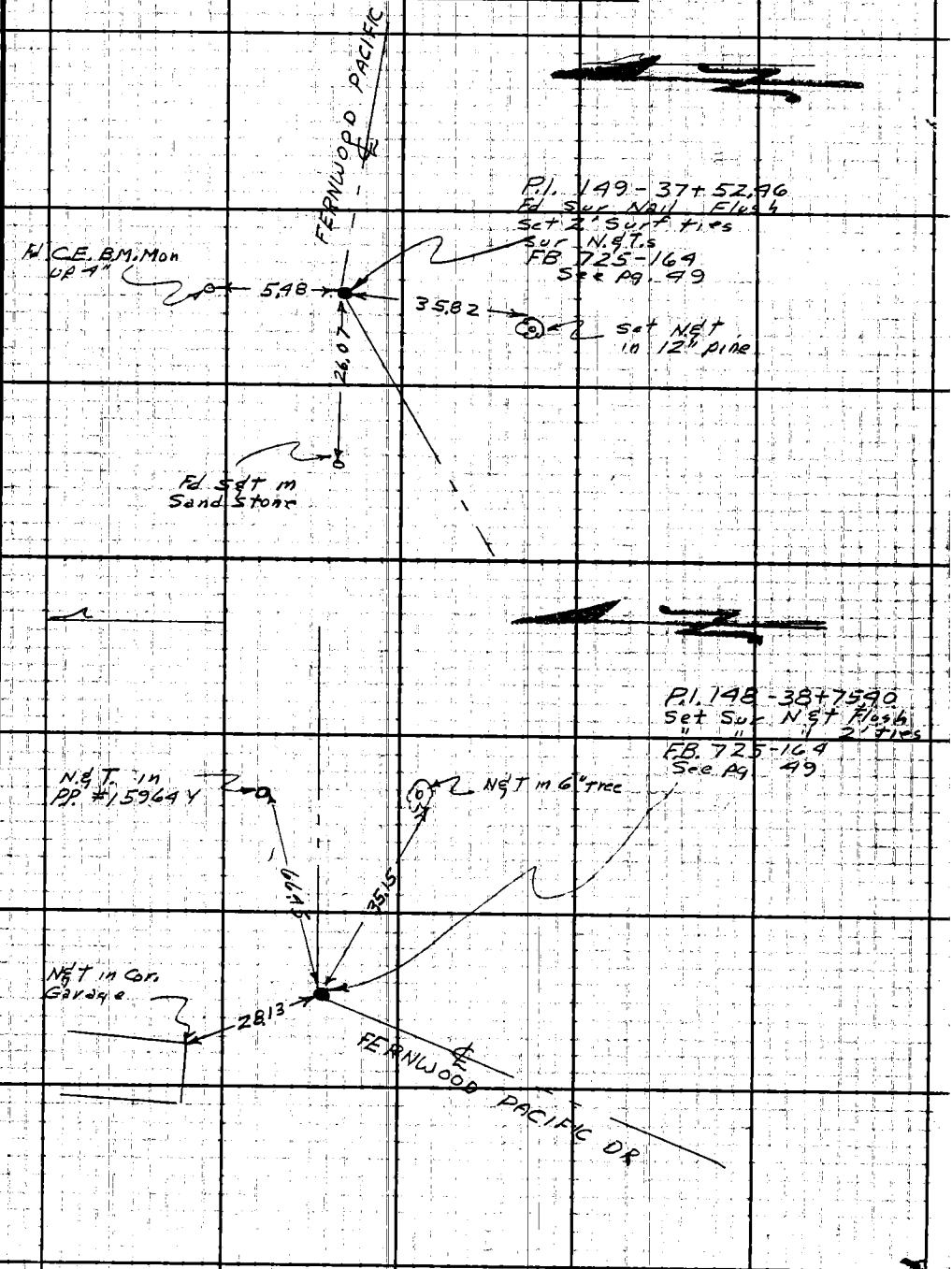
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN0303.00 Tape 191 Std 68 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C. Adams Date 3-5-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 79



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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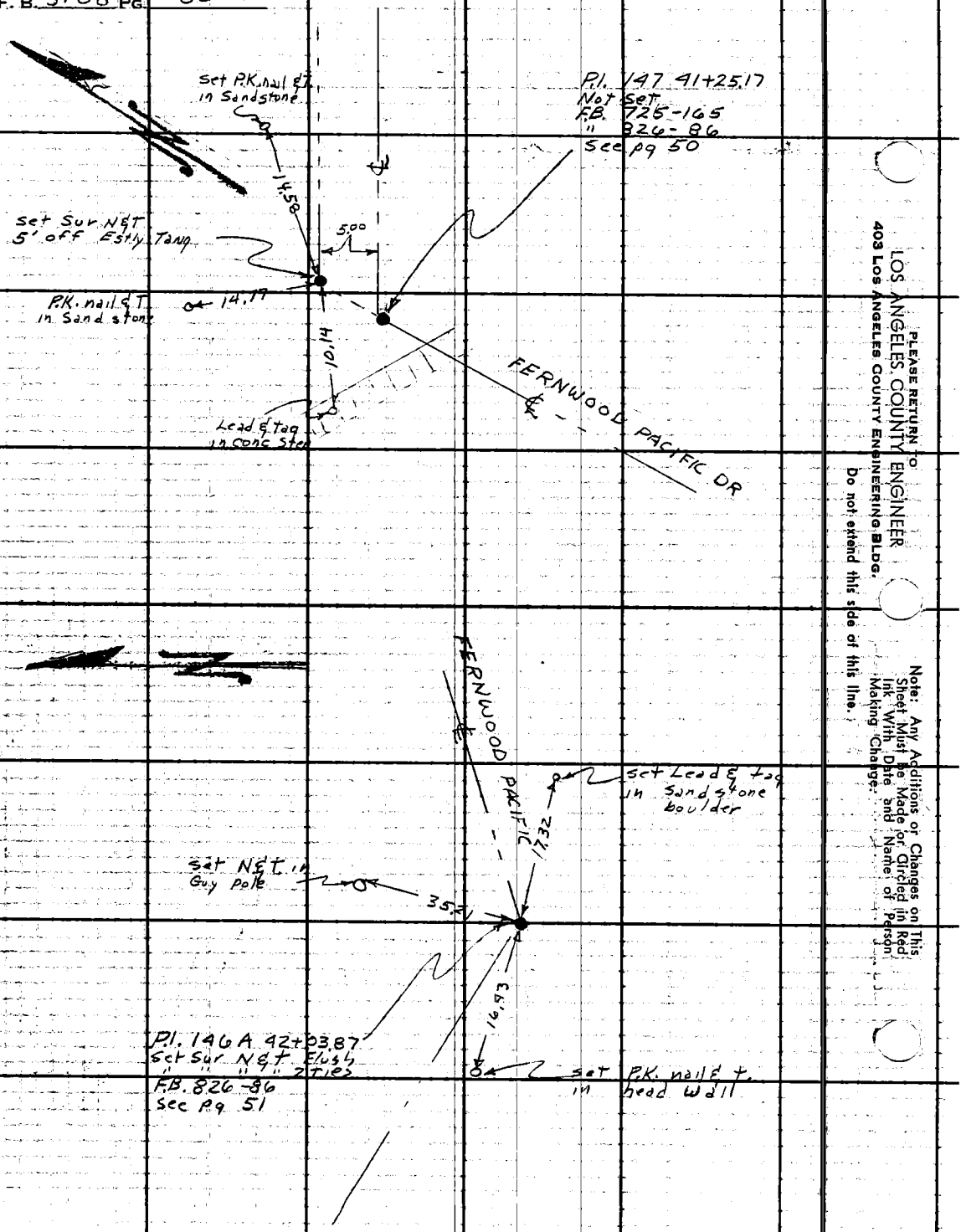
76F309S C.E. #310 6-62

F. B. 3108 Pg. 80



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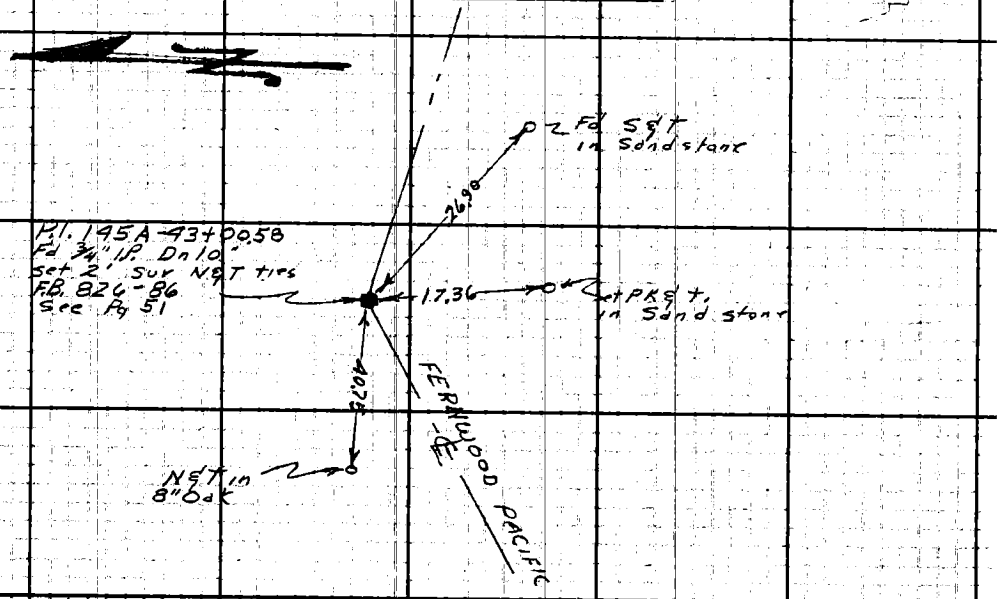
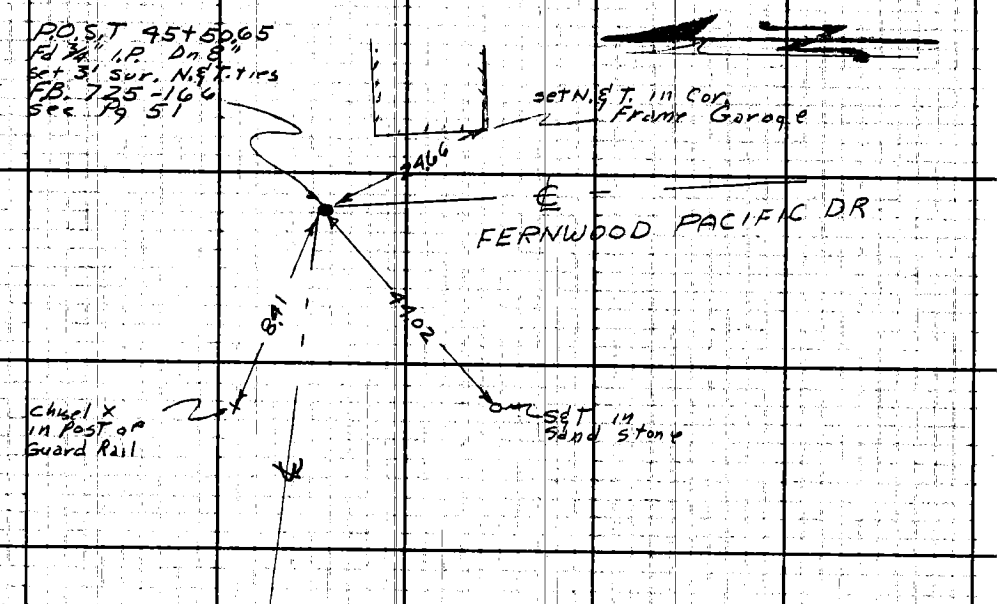
Map No.
Office Work
Checked
Date

Survey of FERNWOOD PACIFIC DR F. B. 3108 PG. 81
JN 030300 Tape 191 Std 68 °F
Surveyed by W.S. Cowherd
Notes C Adams Date 3-6-63
Indexed C. J. GALLI





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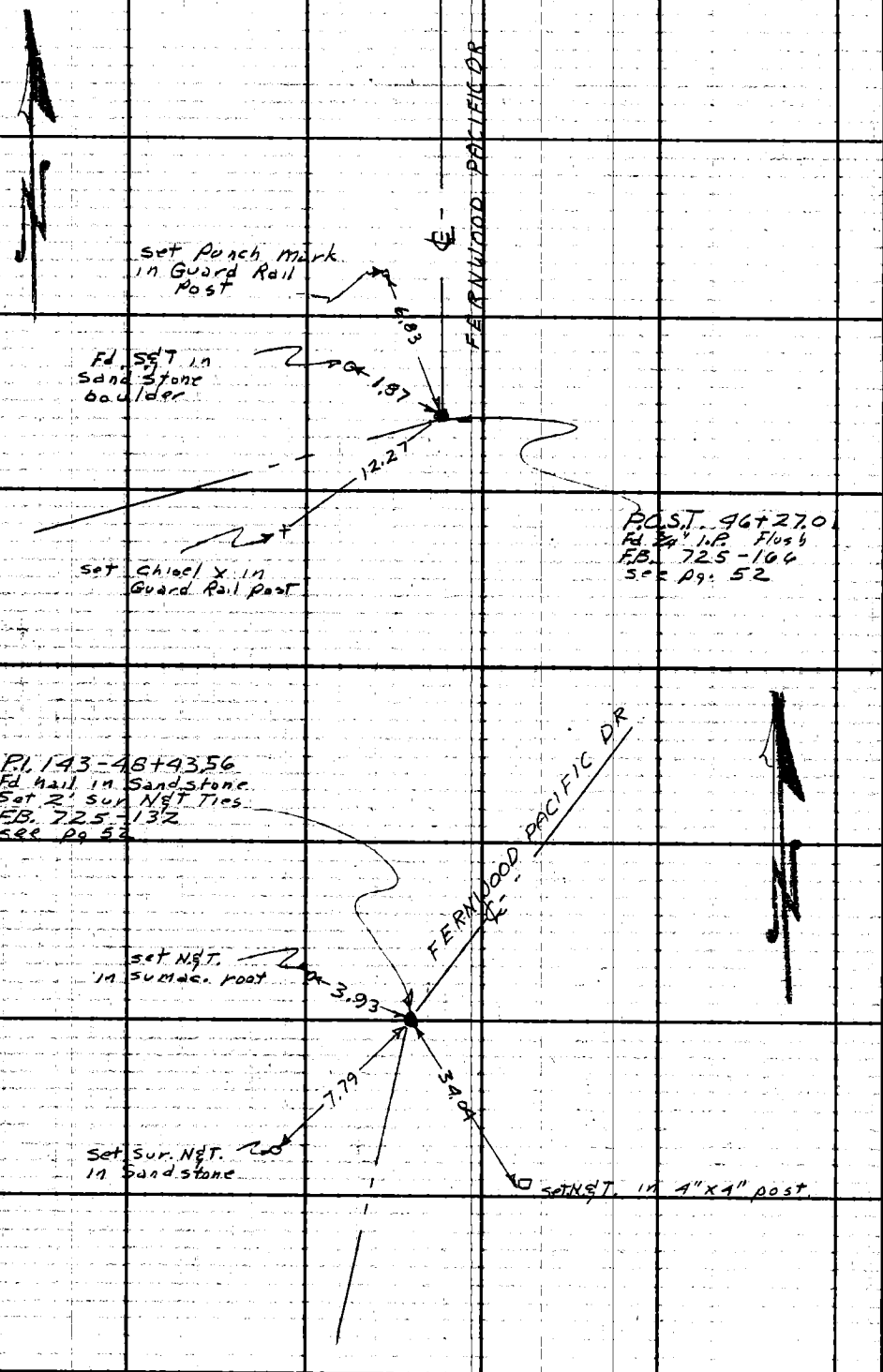
76F3095 C.E. #310 9-62

F. B. 3108 PG. 82



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403 Los Angeles County Engineering Bldg.

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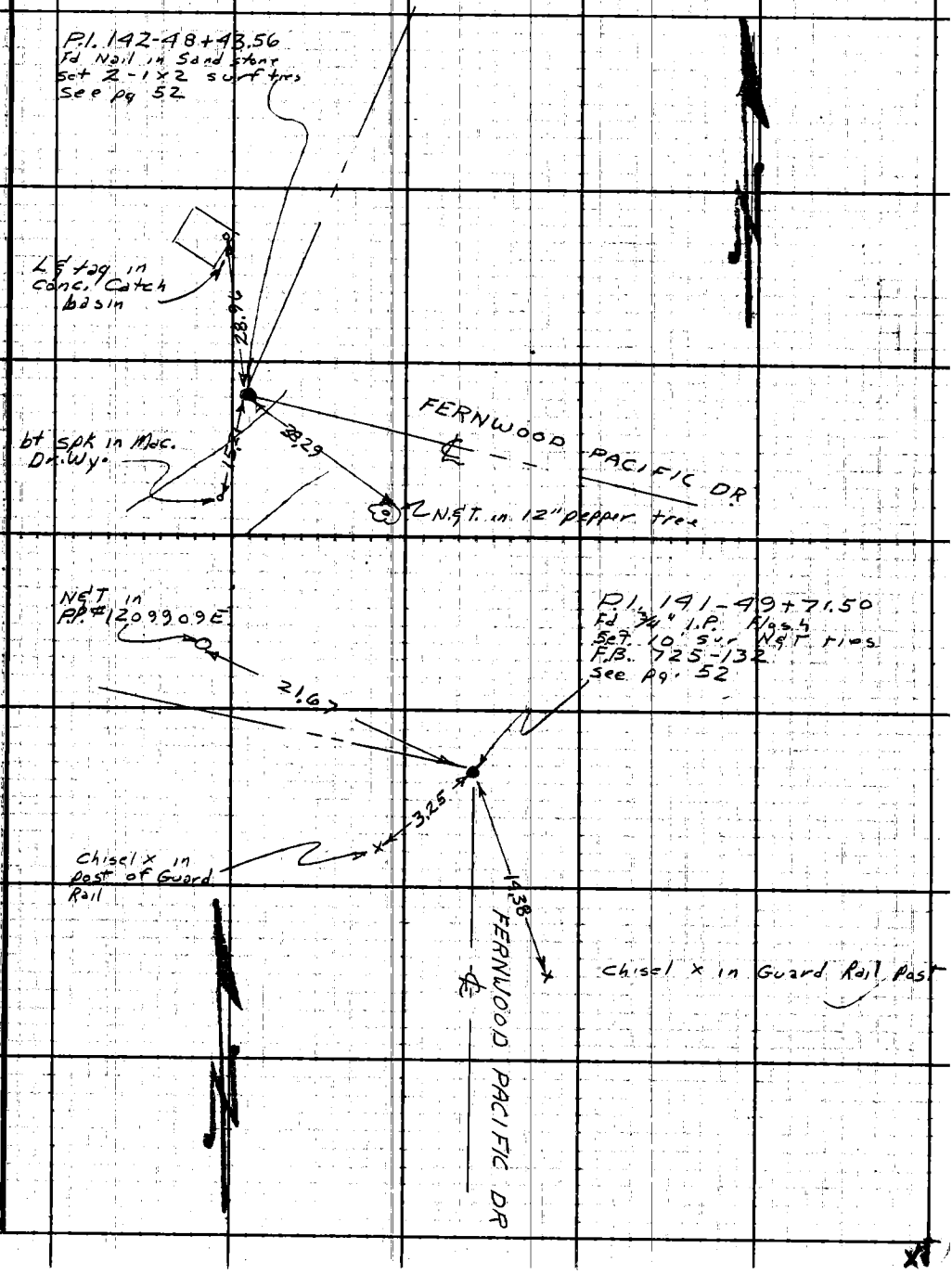
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 0303 00 Tape 191 Std 68 °F
Office Work	Surveyed by W.S. Cowherd
Checked	Notes C Adams Date 3-6-63
Date	Indexed C. J. GALLI

F. B. 3108 Pg. 83



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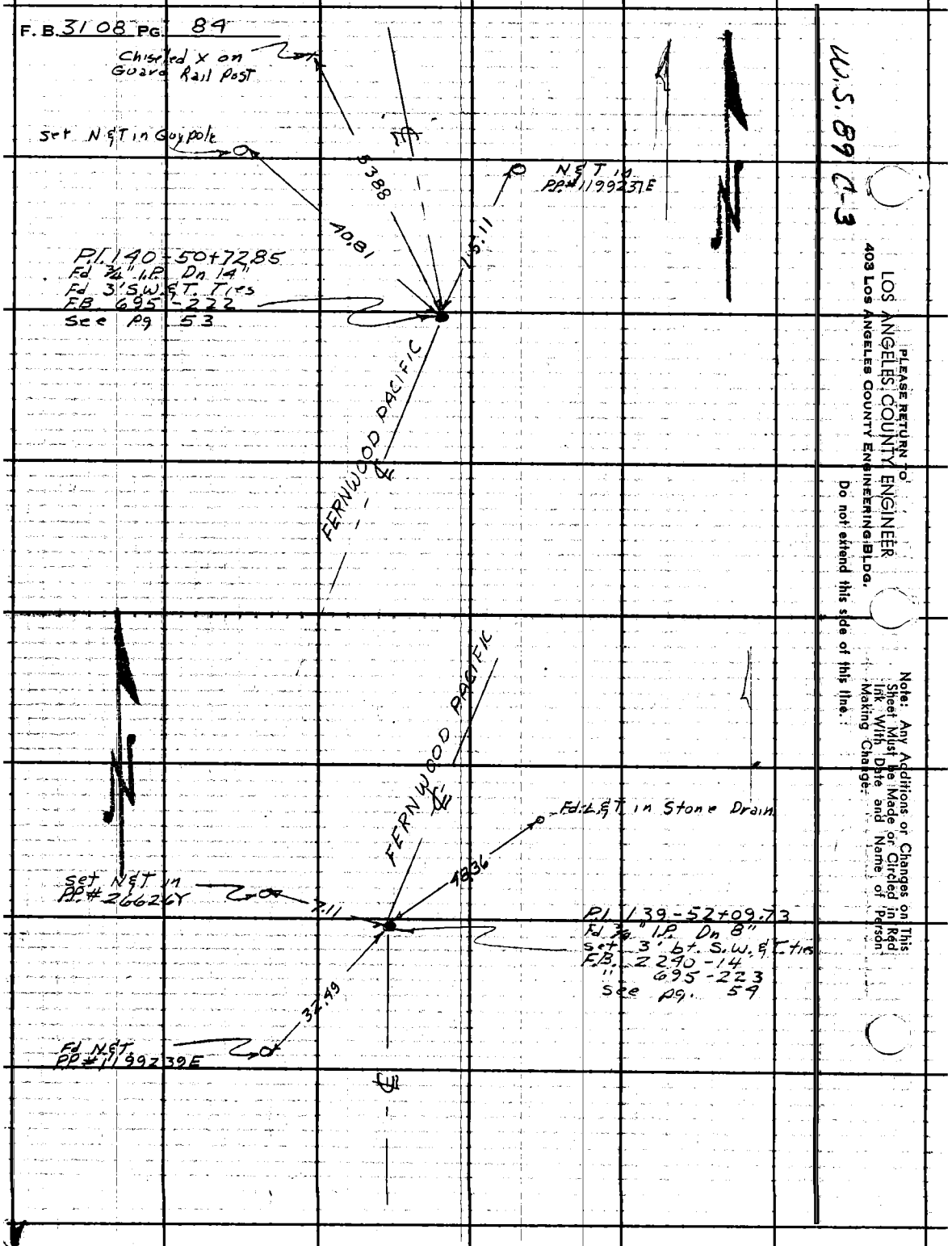
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

76F3095 C.E. #310 8-62

F. B. 3108 PG. 84



U.S. 89 C-3

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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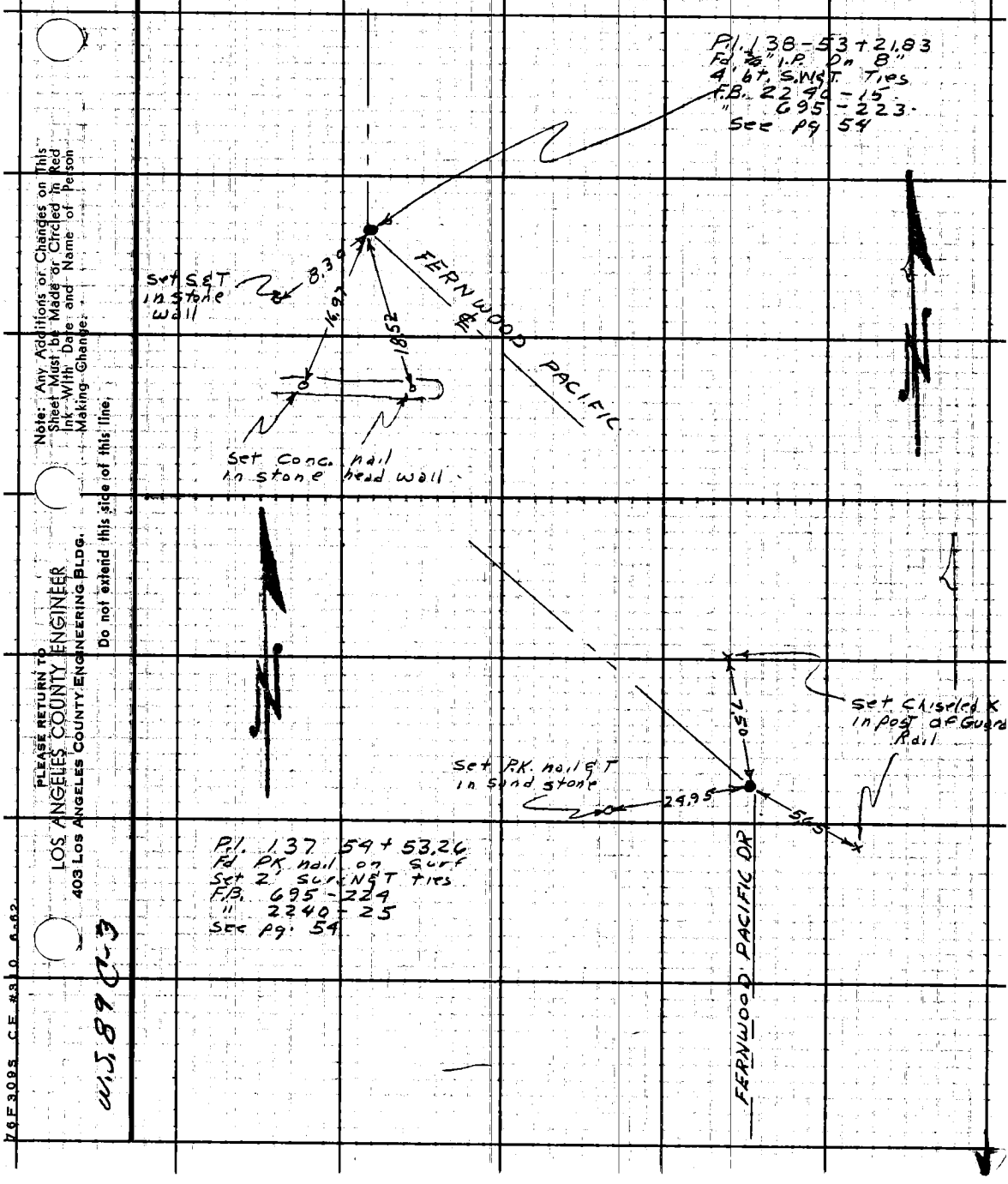
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 0303.00 Tape 191 Std 68 °F
Office Work	Surveyed by W. S. Cowherd
Checked	Notes C. ADAMS Date
Date	Indexed C. J. GALLI

F. B. 3108 PG. 85



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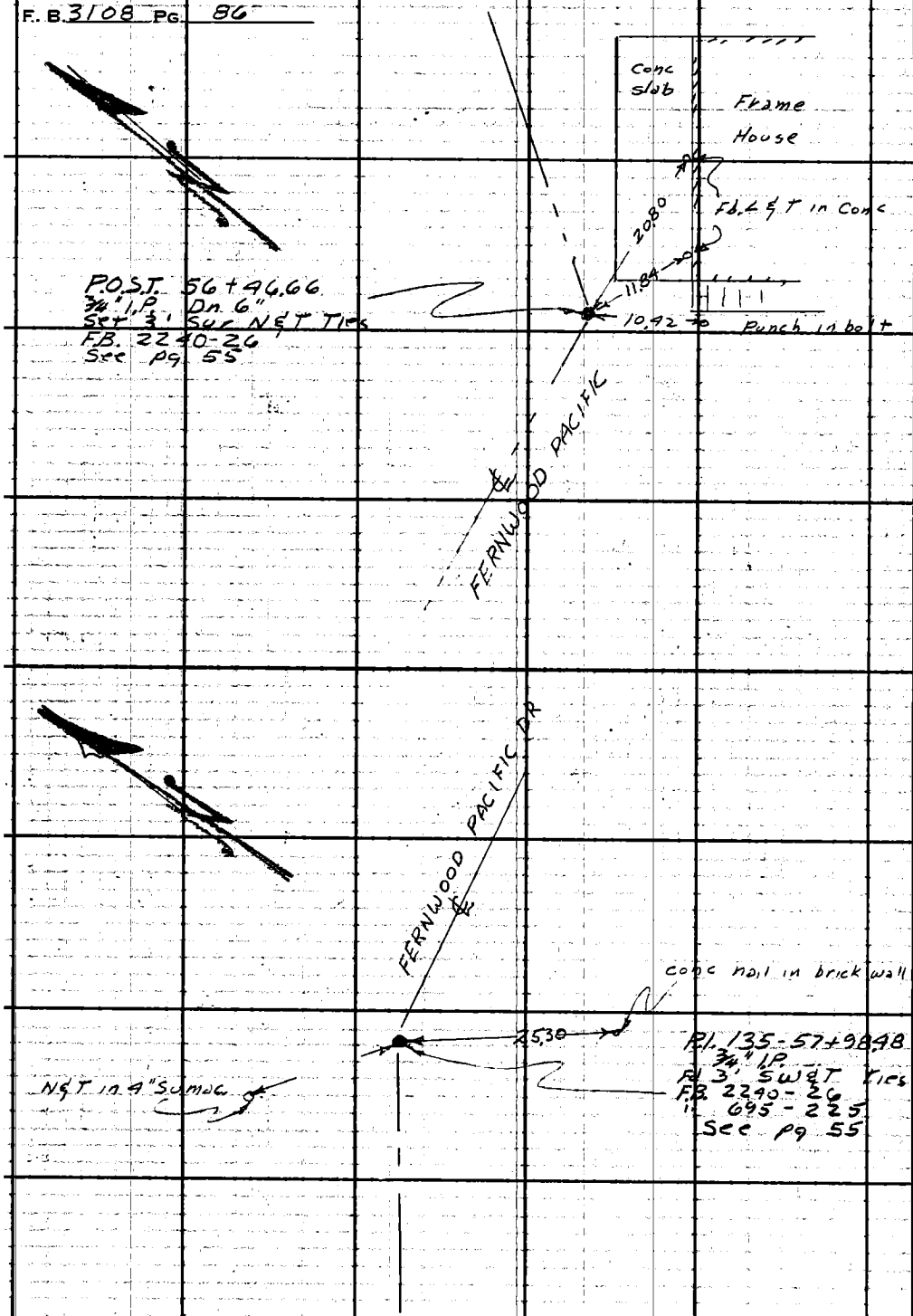
403 LOS ANGELES COUNTY ENGINEERING BLDG.

W.S. 89 C-3

76F3095 CE #310 6-62

F. B. 3108 PG. 86



W.S. 89 C.3

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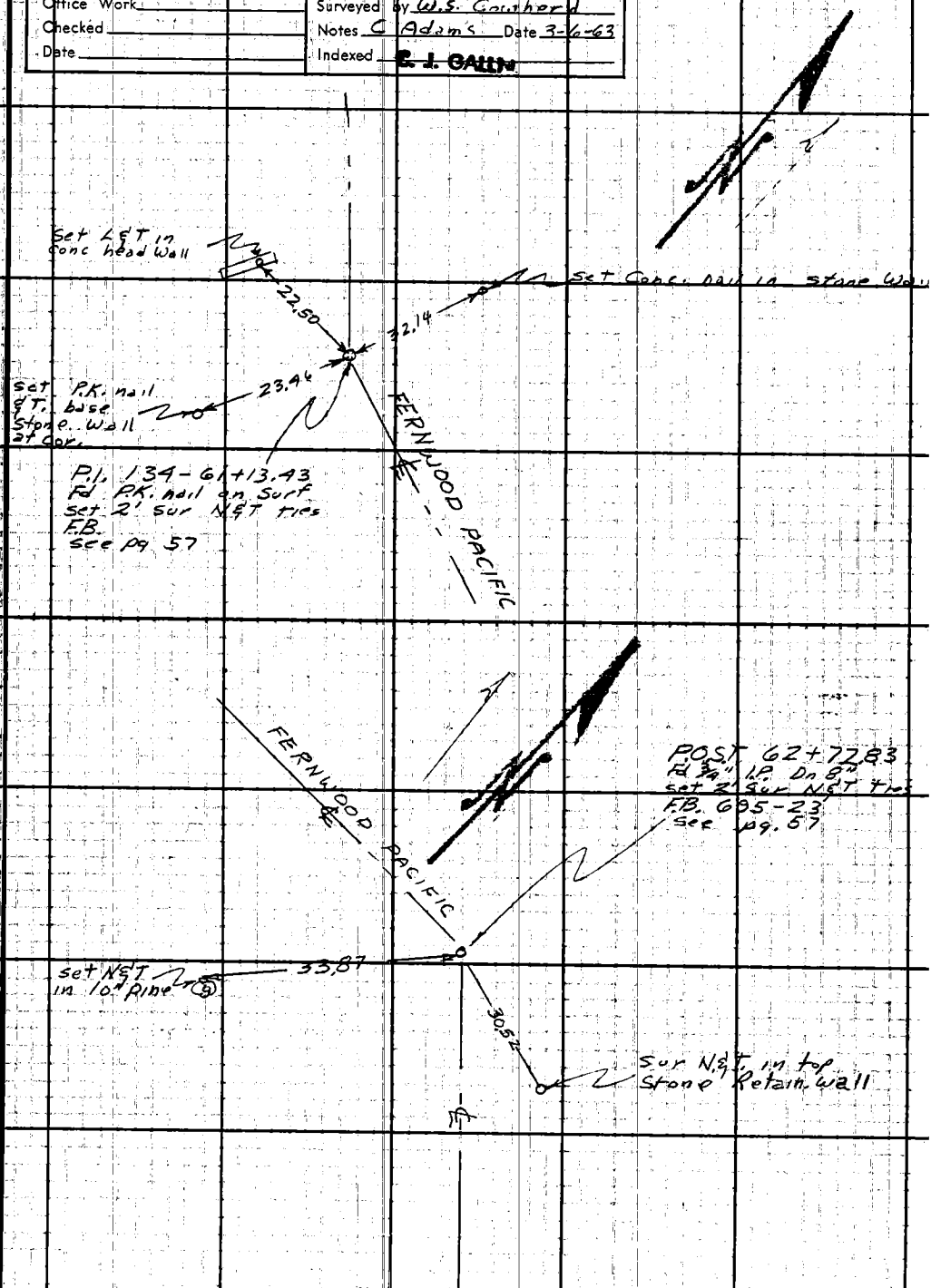
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 0303 00 Tape 191 Std 68 °F
Office Work	Surveyed by W.S. Gowherd
Checked	Notes C Adams Date 3-6-63
Date	Indexed E. J. GALLIN

F. B. 3108 PG. 87



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76F3095 C.E. #310 6-62

F. B. 3108 PG. 88

U.S. 89 C-3

Fd. C.E. B.M. Mon
up 4" 2" I.P. Guard Post

P.O.S.T. 63+64.14
Fd 3/4" I.P. Dn 8"
Set 3" sur N&T
Ties
F.B. 695-230
Sec pg. 58

21.76

Set sur N&T
in sand stone
bank

28.09

PACIFIC

FERNWOOD

FERNWOOD

PACIFIC

Set sur N&T
in Stone Drain

35.62

6.75

Set P.K'd T.
in Sand
Stone
boulder

P.I. 732-65+49.53
Fd. 3/4" I.P. Dn. 10"
Set 3" sur N&T ties
F.B. 695-231
Sec Pg 58

27.73

Set N&T
in P.P. #64-166E

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Office Work
Checked
Date

Survey of FERNWOOD PACIFIC DR F.B. 3108 PG. 89
JN 030300 Tape 191 Std 68 °F
Surveyed by W S Cowherd
Notes C. Adams Date 3-8-63
Indexed E. J. GALLI

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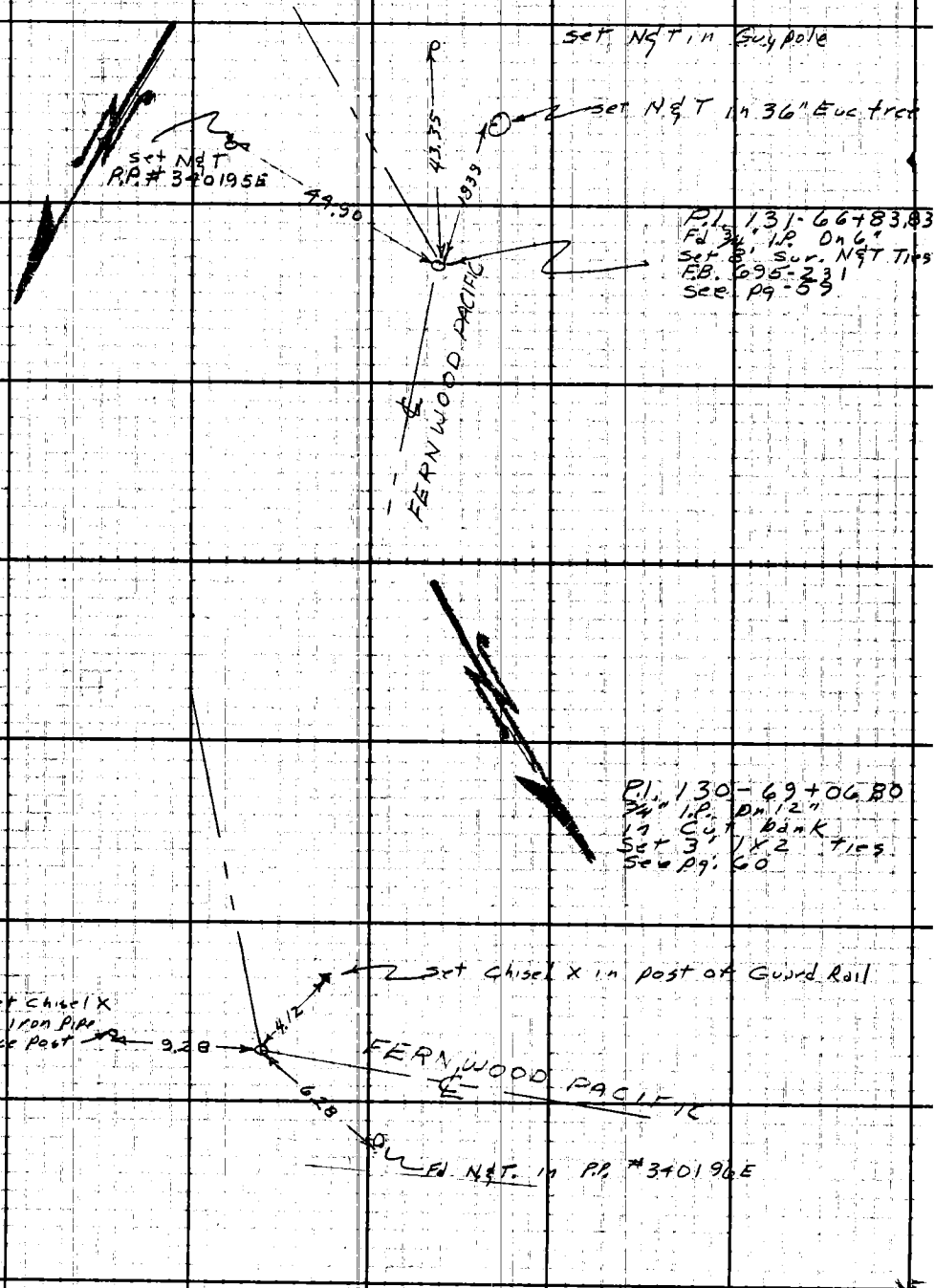
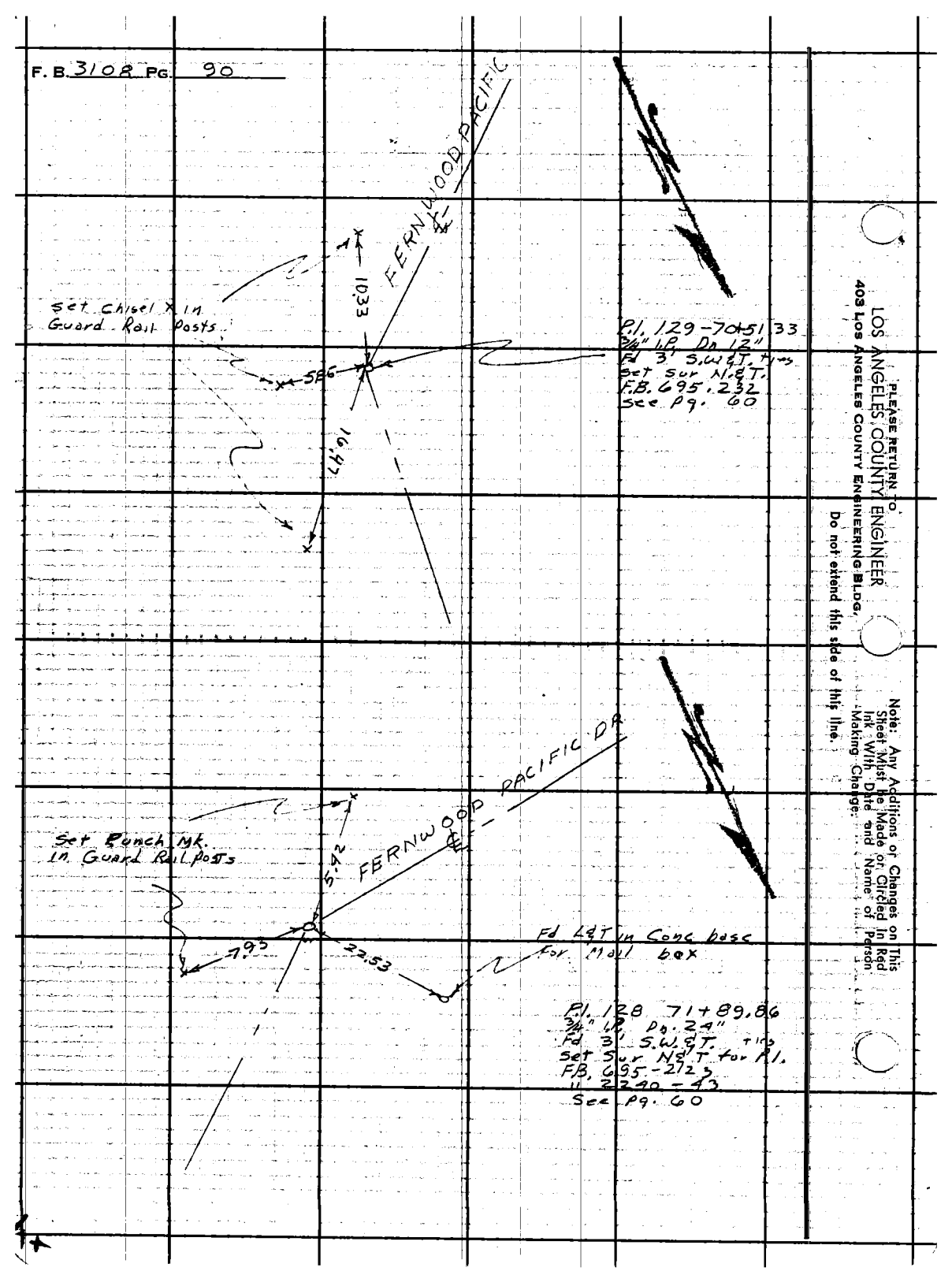


F6F3095 C.E. #310 6-62

F. B. 3108 PG. 90



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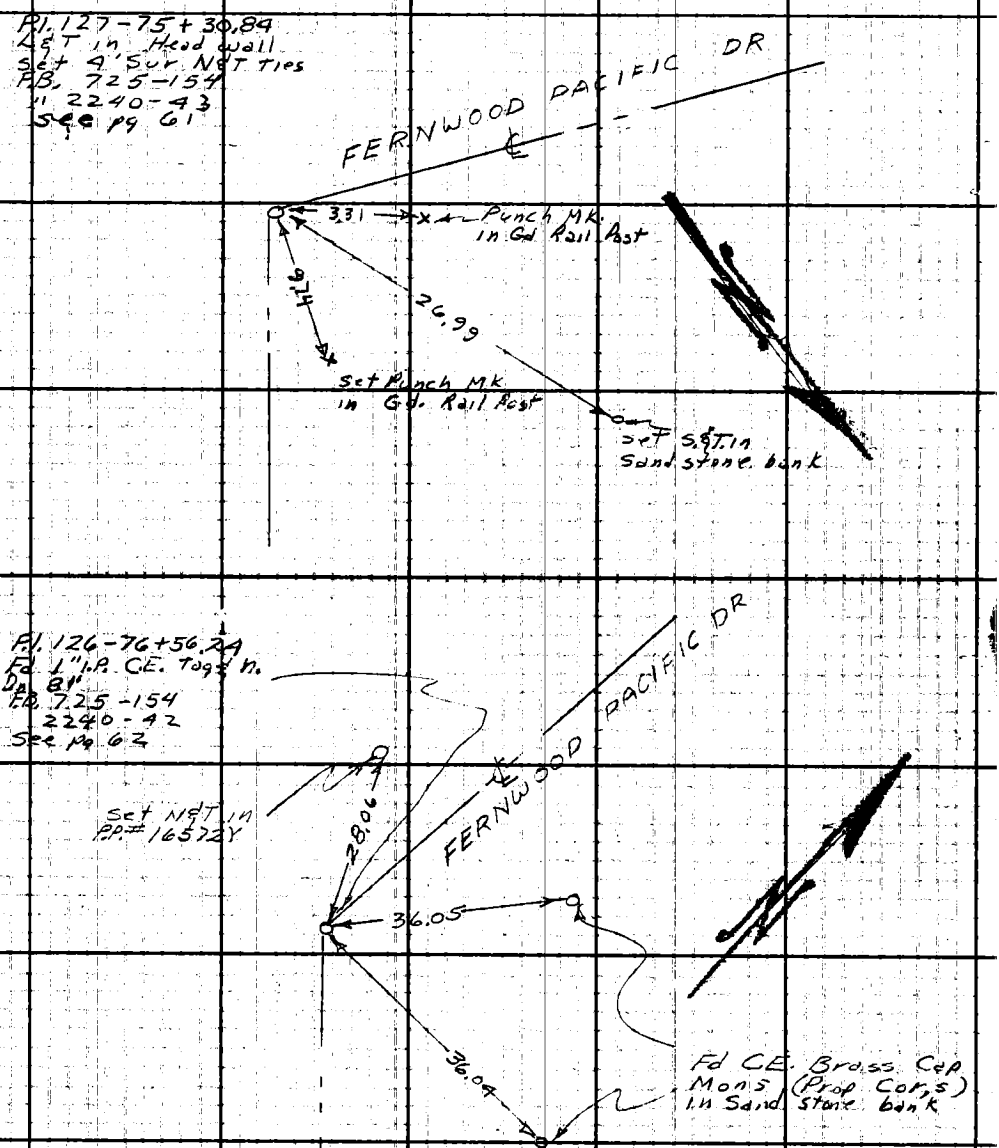
Notes Ck'd by	Survey of FERNWOOD PACIFIC
Map No.	JN 03 03 00 Tape 191 Std 68 °F
Office Work	Surveyed by W S Cowherd
Checked	Notes C Adams Date 3-8-63
Date	Indexed C. J. GALLS

F. B. 3108 PG. 91



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W.S. 89 C-3

76F309S C.E. #310 6-62

F. B. 3108 PG 92

P.I. 125-78+16.24
Fd. ¾" I.P. Dn. 8"
Fd. 3 B.S.W & T Ties
F.B. 725-155
" 2240-92
See pg 63

FERNWOOD PACIFIC

17.88

set S.W.& T. in Sand stone bank

43.48

Set L.S.T. in Conc. Steps

19.90

Set Sur N & T. in Sandstone bank

FERNWOOD PACIFIC

Set Conc. Nail in Stone Wall

14.89

18.96

21.04

Set N & T in P.I. 13+01.82

P.I. 124-80+40.97
Fd. ¾" I.P. Dn. 6"
F.B. 725-156
" 2240-92
See pg 63

Set N & T in Guy pole

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Notes Ck'd by	Survey of FERNWOOD PEAK Z11A
Map No.	JN 2215.14 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 1-18-63
Date	Indexed R. J. GALLI FEB 4 '63

F. B. 3108 PG. 97

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PROFILE LINE
ALONG
"FERNWOOD PACIFIC DRIVE"

Z11A FERNWOOD PEAK
WATER WORKS DIST #29

JN 2215.14
JAN-63

REFERENCE
FB 3108
FB 826, 725, 695

PARTY
W.S. COWHERD
C. ADAMS
R. STRADER
R. COSTLOW

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	
					BM 56-7 Elev = 734.866 Per page # 30
BM 56-7	5 53	740.40		734 87	1960 Prel. Elev = 734.889 Per FB 2832.13 Fd USGS BRASS CAP In Conc base of stop 5 1911
0+00			7.76	732 64	0+00 Fd Sur Nail & Tin Flash ℄ Inter TO PANGA LYN & FERNWOOD PACIFIC DRIVE
0+39			7.24	733 16	BoT of 6" curb
0+39 2			6 77	733 63	Top of 6" curb
1+00			5 79	734 61	in old roadway now used as parking area
1+04 6			5 64	734 76	BoT 6" curb
1+04 9			5 13	735 27	Top 6" curb
T.P.	11.31	751.31	0.40	740 00	T.P. sur nail
1+85			8.68	742 63	Brk Edge Traveled Rd.
2+00			7.44	743 87	S. side short TRAIL
PI = 2+05 86			6.85	744 46	PI = 2+05 86 = S. edge SHORT TRAIL
2+22			5.25	746 06	S. edge FERNWOOD PACIFIC DRIVE
T.P.	11.03	762.16	0.18	751.13	TP Sur nail
3+00			9.15	753 01	S. edge Traveled Rd.
PI #51 = 3+10.15			8.2	754 ~~0~~ .96	PI #51 = 3+10.15 in middle of dirt Rd
3+16			7.89	754 27	S. edge Traveled Road
4+00			3 20	758 96	in Traveled Road
T.P.	7.84	769.76	0.24	761.92	TP sur nail
4+59 5			10.54	759 22	13 5 RT. EAST End 18" Corr Iron Culvert at Invert
4+72 0			5.07	764 69	℄ Inter WITH CULVERT

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F.B. 3108 Pg. 99
No. ____ Date ____ Date ____ Survey of FERNWOOD PACIFIC DRIVE
X-Sec. Notes Chkd. RHEINAUER Checked ____ Survey by W.S.C. Notes W.S.C. Date 1-18-63
No. ____ Date ____ Date ____ Map No. ____ Indexed R. J. GALLI Date ____

76-L298 CE 307 3-61

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F.B. 3108 PG. 100 | Job No 2215.4 | Division No. 11 | Notes Red | Profile No. | X-Sec. No.

Survey of FERNWOOD PACIFIC DR. | Plotted | Date | Checked | Date

Survey by W.S.C. Notes W.S.C. | Notes C. RUBENACKER | Date

Indexed R. J. GAM | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
		769.76				
4+84.5			6.76	763 00	15.5 LT West End 18" Corr Iron Culv. at Invert	
5+00			2.39	767 37	in road	
PI #169 = 5+16.90			0.78	768 98	in road	
TP	11.60	780.93	0.43	769.33	TP = BT spk in w Tin	
6+00			5.26	775 67	in road	
TBM	11.16	790.81	1.28	779.65	TBM Elev = 779.65 pg # 29	BT spk in w TP at
6+47			11.45	779 36	W. edge road	FERNWOOD PACIFIC DR & LOOKOUT TRAIL
PI #168 = 6+62.60			10.71	780 10	PI #168 = 6+62.60 1x2 Fl	in driveway
6+81			10.04	780 77	W. edge road	
7+00			9.17	781 64	in road	
7+14.0			12.65	778 16	25.5 RT East END 18" Corr. IRON Culv. at Invert	
7+20.9			8.02	782 79	℄ Inter with Culvert	
7+23.5			9.30	781 51	6.5 LT West END 18" Corr Iron Culv. at Invert	
8+00			2.49	788 32	in road	
TP	11.34	801.82	0.33	790.48	T.P. Sur. nail	
9+00			5.76	796 06	in road	
TP EC = 9+46.29	11 78	811.32	2.28	799.54	T.P = EC = 9+46.29	Sur Nail in Tin Flu
10+17			7.37	803 95		
BC = 10+87.71			0.62	810 70		
10+89.71			0.50	810 82	℄ INT WITH 12" CORR IRON CULV.	

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STATION	B. S.	H. I.	F. S.	ELEV.		
		811 32				
TP	6 62	817 85	0 09	811 23	TP = SUR NAIL	
10+73 7			10 41	807 44	1 5 LT EAST INVERT OF 12" CORR. IRON CULV.	
11+03 2			6 83	811 02	12 5 RT WEST INVERT OF 12" CORR. IRON CULV.	
11+00			6 30	811 55	IN ROAD	
BM F-4			1 80	816 05	BM F-4 ELEV = 816.023 BRASS CAP MON. UP 2" AT SW COR FERNWOOD PACIFIC DR & VALLEY VIEW see pg # 29	
BM F-4	10 99	827 01		816 02	BENCH CIRCUIT ELEV = 816.023	
12+00			9 08	817 93	IN ROAD	
PI # 166 = 12+37 50			6 42	820 59	PI # 166 = 12+37 50 SUR NAIL IN PAVEMENT	
13+00			2 78	824 23	IN ROAD	
TP	6 36	833 34	0 03	826 98	TP = SUR NAIL	
13+60			14 06	819 28	14 5 LT EAST INVERT OF 18" CORR. IRON CULV.	
13+67			5 40	827 94	℄ INT WITH 18" CULV.	
13+74 5			7 76	825 58	21 5 RT WEST INVERT OF 18" CORR. IRON CULV.	
14+00			2 57	830 77	IN ROAD	
TP	11 54	844 68	0 20	833 14	TP = SUR NAIL	
15+00			4 25	840 43	IN ROAD	
PI # 165-A = 15+08 85			3 50	841 18	PI # 165-A = 15+08 85 PK IN PAVEMENT	
TP	8 75	852 97	0 46	844 22	TP = SUR NAIL	
16+00			6 32	846 65	IN ROAD	

Profile Notes Red ____ Plotted ____ Job No. 2215.A Division No. 11 F.B. 3108 PG. 101
No. ____ Date ____ Date ____ Survey of FERNWOOD PACIFIC DR.
X-Sec. Notes C. RUBENACKER Checked ____ Survey by W.S.C. Notes RS Date 1-19-63
No. ____ Date ____ Date ____ Map No. ____ Indexed B. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	
		852 97			
16+10 5			9 75	843 22	13 5 LT. EAST INVERT OF 18" CORR. IRON CULV.
16+15 2			5 21	847 76	℄ INT. WITH
16+20 0			7 50	845 47	17 0 RT. WEST INVERT OF 18" CORR. IRON CULV.
TBM	11 70	861 45	3 22	849 75	TBM ELEV. = 849.754 BT SPK. & WASHER IN PP# 27969Y EAST SIDE FERNWOOD DR. OPPOSITE WALNUT TRAIL INTERSECTION see pg# 28
16+91			6 05	855 40	WEST EDGE PAVEMENT
17+00			5 79	855 66	BRK 1×2 IN DIRT
PI# 164-A 17+05 21			1 35	860 10	PI# 164-A = 17+05 21 FD. 3/4" IP IN CUT BANK
17+19 5			4 14	857 31	EAST EDGE PAVEMENT
TP	11 80	873 23	0 02	861 43	TP = SUR NAIL
18+00			9 07	864 16	IN ROAD
18+12			8 06	865 17	EAST EDGE PAVEMENT
PI# 163-A 18+30 21			6 4	866 8	PI# 163-A = 18+30 21 GROUND
18+33			6 18	867 05	EAST EDGE PAVEMENT
18+94			3 10	870 13	WEST EDGE PAVEMENT
18+99			2 5	870 7	BRK - GROUND
19+00			[illegible] 16	873 07	GROUND
PI# 162-A 19+04 15	9 20	882 21	0 22	873 01	PI# 162-A = 19+04 15 BT. SPK. IN STEEP CUT
19+09			[illegible] 0	871 2	BRK - GROUND
19+27			[illegible] 67	872 54	WEST EDGE PAVEMENT

F.B. 3108 PG. 102 Job No. 2215.14 Division No. 11 Notes Red Plotted Profile
Survey of FERNWOOD PACIFIC DR. Date Checked No. X-Sec.
Survey by N.S.C. Notes RS Notes Chkd. C. RUBENACKER Date Checked Date No.
Indexed R. J. GALLI Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		882 21				
19+51			7.86	874 35	WEST EDGE PAVEMENT	
PI#161-A 19+77.00			6.77	875 44	PI#161-A = 19+77.00 SURNAIL & T BOT. OF CUT BANK	
19+92			5.60	876 61	WEST EDGE PAVEMENT	
20+00			4.98	877 23	IN ROAD	
TP	6 37	888 28	0.30	881 91	TP = SURNAIL.	
20+62			6.03	882 25	EAST EDGE TRAVELED ROAD - BRK.	
20 + 86			3.06	885 22	EAST EDGE PAVEMENT	
20 + 95			3.1	885 2	BRK - GROUND	
21+00			4.6	883 7	GROUND	
21+07			9.1	879 2	BRK - GROUND	
PI#160-A 21+08.97	10.93	888. 97	10 24	878 04	PI#160-A = 21+08.97 FD. BT. SPK. DN 8" IN GROUND	
21+17			8.1	880 9	TOE SLOPE	
21+33			1.27	887 70	TOP CUT = EDGE ROAD	
21+75			0 06	888 91	IN ROAD	
TP	10.42	899.33	0.06	888.91	TP SPK NAIL	
22+00			8.51	890 82	IN ROAD	
PI#159=22+24.31			6.96	892 37	PI#159 = 22+24.31 Fd BT SPK W/ TIN FLASH PAGE#	
23+00			4.31	895 02	IN ROAD	
PI#158A 23+33.71			2.84	896 49	PI#158A = 23+33.71 Fd SURNAIL WITH FL. PAGE	
TP	11.79	910.93	0.19	899.14	TP SPK NAIL	

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 | F.B. 3108 Pg. 103
T-Sec. ____ Date ____ Survey of FERNWOOD PACIFIC DR.
N.C. RUBENACKER Checked ____ Date ____ Survey by W.S.C. Notes R.S. Date 1-19-63
Map No. ____ Indexed R.J. GALL Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
= 24+35.71 PI# 157A		910.93	7.57	903 36	PI# 157A = 24+35.71 fd Sur Nail + Tin Flush page (in road)	
25+00			5.06	905 87	in road	
TP	10.75	921.45	0.23	910.70	TP sur nail fl.	
26+00			8.65	912 80	in road	
= 26+19.64 PI# 156A			6.93	914 52	PI# 156A = 26+19.64 fd Sur Nail + Tin fl page# (in road)	
27+00			12.70	918 75	in road	
T.P.	12.34	933 70	0.09	921.36	TP sur nail	
27+62			9.6	924 1	S. EDGE ROAD Top Fill	
= 27+94.69 PI 155A			7.87	925 83	PI 155A = 27+94.69 fd 1x2 fl. side of bank	
28+00			6.01	927 69	1x2 Top of bank S. side road	
28+21.5			11.81	921 89	24.4 LT So. END 24" C.I. Culvert at invert	
= 28+64.83 PI 154A			1.64	932 06	PI# 154A = 28+64.83 fd 1x2 Inter. HILLCREST DR + FERNWOOD DR. pg#	
28+91.60			0.17	933 53	28+91.60 ℄ Inter. of 24" CI Culvert + FERNWOOD PACIFIC DR.	
T.P.	4.19	937.81	0.08	933.62	TP sur nail	
29+00			3.91	933 90	in road	
29+01			9.72	928 09	12.2 RT N. end 24" C.I. culvert at invert	
29+05			7.85	929 96	10.5 RT N. end 18" CI culvert at invert	
29+13.5			3.00	934 81	29+13.5 ℄ Inter. of 18" CI culvert + FERNWOOD PACIFIC DR.	
29+31.2			3.78	934 03	21.0 LT S. end of 18" C.I. culvert at invert	
TBM			4.96	932.85	TBM Elev = 932.88 BT spk + W in Gun Pole pg# 27.	
TBM	11.65	944.53		932.88	TBM	

F.B. 3108 Pg. 104 Job No. 2215.14 Division No. 11 Notes Red Plotted Profile
Survey of FERNWOOD PACIFIC DR. Date Date No. X-Sec.
Survey by W.S.C. Notes W.S.C. Notes Checked
Indexed J. GAIN Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	
29+35.87		944.53	7.52	937.01	29+35.87 Fd Sur N+T Inter. CAVE WAY + FERNWOOD PACIFIC DR
30+00			2.30	942.23	in road
T.P.	12.17	956.37	0.33	944.20	TP sur. nail
31+00 = 31+59.15			6.54	949.83	in road
PI#153			0.50	955.87	PI#153 = 31+59.15 Fd PK. flush in road
TP	11.53	967.42	0.48	955.89	T.P. = Sur N+T
32+00			8.02	959.40	in road
32+35			4.42	963.00	W. edge road
= 32+37.43 PI# 152			4.7	962.7	PI#152 = 32+37.43 in dirt
32+39			4.20	963.22	edge road
33+00			1.39	966.03	in road
T.P.	11.32	978.61	0.13	967.29	TP sur nit
34+00			3.32	975.29	in road
T.P.	11.49	989.78	0.32	978.29	TP. sur n+T
34+32.5			10.60	979.18	S. edge Road
34+48.38 PI#151			9.82	979.96	P#151 = 34+48.38 Fd 3/4" IP flush page*
35+00			7.8	982.0	35+00 - 3' So of So edge Traveled Rd, Top of [illegible]
35+32			4.30	985.48	So. edge road
T.P.	10.63	1000.30	0.11	989.67	T.P. sur n+T
36+00			8.49	991.81	in road
36+30.33 PI#150			6.30	994.00	PI#150 = 36+30.33 So edge road

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F.B. 3108 Pg. 105
No. ____ Date ____ Date ____ Survey of FERNWOOD PACIFIC DR.
X-Sec. Notes Chkd. C. PURENACKER Checked ____ Survey by W.S.C. Notes W.S.C. Date 1-22-63
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] J. GALLI Date ____

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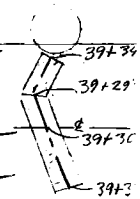
STATION	B.S.	H.I.	F.S.	ELEV.	
36+85.8		1000.30	5.07	995.23	℄ Inter. Basin Dr + Fernwood Pacific Dr. Fd P.K.
37+00			4.56	995.74	in road
= 37+52.46 PI #149			3.67	996.63	PI #149 = 37+52.46 Fd sur nail
BM F-3	0.80	998.55	2.55	997.75	BM F-3 Elev = 997.75 Brass Cap Mon at N.W. Basin Dr + Fernwood Pacific Dr see pg # 26
38+00			3.23	995.32	in road
38+75.40 PI #148			4.91	993.64	PI #148 = 38+75.40 Fd sur N + Tin Fl page #
39+00			6.32	992.23	in road
T.P.	0.64	993.76	5.43	993.12	T.P.
39+17			1.9	991.9	E. edge road Top burm
39+29.2			7.22	986.54	7.5 LT at angle point in 24" CI. culvert at invert
39+30.2			3.7	990.1	℄ inter. of 24" C.I. culvert on fill slope
39+34.7			12.15	981.61	15.5 LT. East end 24" culvert at invert
39+37.2			3.61	990.15	27.5 RT, West end 24 culvert at invert
39+64.0			2.1	991.7	E. edge road Top burm
40+00			2.07	991.69	in road
40+60			1.50	992.26	West edge road
T.P.	1013	1003.69	0.20	993.56	TP sur N+T
41+00			7.37	996.32	N. side private drive (Mac)
= 41+25.17 PI 147			2.3	1001.4	PI #147 = 41+25.17 nothing set land in cactus, S. side road
41+56.5			7.65	996.04	S. side road
41+69.5			15.8	987.89	34.0 LT. N. end 48" CI culvert at invert
41+86			6.74	996.95	℄ Inter of 48" CI. Culvert in road



F.B. 3108 Pg. 106

Job No. 2215.14 Division No. 11 Notes Red Date Plotted Date Profile No.

Survey of FERNWOOD PACIFIC DR. Notes W.S. COWHERD Date Checked Date X-Sec. No.

Survey by W.S.C. Notes Chk. C. RUBENACKER Date

Indexed R. J. GAIN Date

76-L298 CE 307 3-61

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Profile Notes Red Plotted Job No. 22514 Division No. 11 F.B. 3108 Pg. 97
No. X-Sec. Date Date Survey of ESTANWOOD PACIFIC DR.
Notes C. RUBENACKER Checked Survey by W.S.C. Notes W.S.C. Date 1-23-63
No. Date Date Map No. Indexed R. J. GALLI Date

STATION	B. S.	H. I.	F. S.	ELEV.	
41+86		1003.69	12.83	990.86	3' RT S end 48" CI culvert at invert
42+00			5.09	998.60	N. side of private drive
42+03.87 PI #146 A			4.07	999.62	PI #146 = 42+03.87 for Sur N+T page 7
42+26			6.00	997.69	S. edge of road
43+00.58 PI #145 A			0.32	1003.37	PI #145 A = 43+00.58 for Sur N+T page 8
TP	11.82	1015.31	0.20	1003.49	T.P. Sur N+T
44+00			4.36	1010.95	IN road
TP	11.65	1026.67	0.29	1015.02	T.P. Sur N+T
45+00			6.68	1019.99	IN road
45+50			1.73	1024.94	E. edge road
45+50.65 POST.			2.68	1023.99	POST = 45+50.65 3/4" IP on 10" Below surface page 8
45+51 ±			1.68	1024.99	E. edge road
T.P.	10,93	1037,17	0.43	1026.24	T.P. Sur N+T
46+00			8.86	1028.31	IN ROAD
46+16			7.31	1029.86	E. EDGE ROAD
46+27.01 POST.			10,16	1027.01	POST. = 46+27.01 3/4" IP DN 4"
46+41			5,97	1031.20	E. EDGE ROAD
47+00			3,93	1033.24	IN ROAD
47+37			0,40	1036.77	W. EDGE ROAD
47+38.36 PI #143 = 47+38.36			0,75	1036.42	PI #143 = 47+38.36 FD. 1x2 DN. 4"
47+40			0,13	1037.04	W. EDGE ROAD

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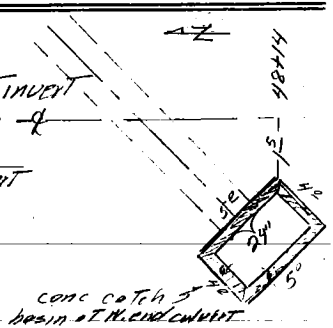
STATION	B.S.	H.I. 1037.17	F.S.	ELEV.	
TP	12.29	1049.39	0.07	1037.10	TP Sur nail
47+80			15.21	1034.18	20 LT East End 24" C.I. Culvert at invert
48+08			5.80	1043.59	℄ Inter 24" CI Culvert - Sur N+T
48+10			4.50	1044.89	West edge road
48+12			8.51	1040.88	3' RT West end 24" CI Culvert at invert
P.I. 142 48+43.56			0.69	1048.70	nail in sandstone
48+55			1.48	1047.91	N. Edge Mac Dr. Wy.
48+69			2.70	1046.69	S. " " "
48+85			3.04	1046.35	West edge road
49+00			2.25	1047.14	In road
T.P.	12.29	1061.53	0.15	1049.24	TP sur nail
49+64			8.55	1052.98	E. edge road
= 49+71.50 PI#141			10.04	1051.49	PI#141 = 49+71.50 1x2 in dirt page#
49+84			7.00	1054.53	E edge road
50+00			6.23	1055.30	in road
TP	8.87	1070.30	0.10	1061.43	TP sur N+T
TBM	10.32	1070.41	10.21	1060.09	TBM ELEV = 1060.093 see pg# 25
PI#140 50+72.85			8.46	1061.95	PI#140 = 50+72.85 3/4" IP DN. 10" SET 1x2 & N ON SURF.
51+00			6.36	1064.05	IN ROAD
TP	11.66	1081.67	0.40	1070.01	TP = ROCK
51+77			19.47	1062.20	29 LT EAST END 18" C.I. Culvert at invert
52+00			17.88	1073.79	in road
PI#139 52+09.73			6.73	1074.94	PI#139 = 52+09.73 3/4" IP DN. 8" SET 1x2 & N ON SURF.



F.B. 3108 PG. 108

Job No. 2215J4 Division No. " Notes Red Date Plotted Date Profile No. X-Sec. No.

Survey of FERNWOOD PACIFIC DR. Notes W.S. CHAMBERS Checked Date

Survey by W.S.C. Notes C. RUBENACKER Date

Indexed E. J. GAMM Date

76L298 307 8-53

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Profile No. ____ Notes Red ____ Plotted ____ Job No. 2254 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of FERNWOOD PARK DR.
Notes R. HUBENACKER Checked ____ Survey by W.S.C. Notes W.S.C. Date 1-24-63
Date ____ Date ____ Map No. ____ Indexed R. J. GALLI Date ____

F. B. 3108 PG. 109

STATION	B. S.	H. I.	F. S.	ELEV.	
				1080.17	
52+11		1081.67	1.50	1071.51	8' RT HEAT 18" C.I. CULVERT AT INVERT
				1076.42	
52+12.5			5.25	1075.26	R IN TER in road
53+00			0.01	1081.66	in road
TP	4.03	1085.58	0.12	1081.55	TP = 1½ IP
53+21			2.48	1083.10	in edge road
53+21.83				1083.21	
PI=138			2.37	1083.31	PI=138 = 53+21.83 ¾ IP ON 4" SET IN ASPH SURFACE
53+33			2.05	1083.53	in edge road
TP	2.45	1086.30	1.73	1083.85	TP = SUR MAN
53+36			13.46	1072.84	LT 39½ NO. END 18" C.I. CULVERT AT INVERT
53+38			2.68	1083.62	R IN TER. WITH CULVERT
53+39.5			6.81	1079.49	RT 10' SO END 18" CULVERT AT INVERT
TP	10.00	1095.71	0.59	1085.71	TP = SUR MAN
54+00			7.77	1087.94	in road
54+53.26					
PI=137			2.06	1093.65	PI=137 = 54+53.26 ON PK. FLUSH WITH PAVT.
TP	10.99	1106.54	0.16	1095.55	TP = SUR MAN
55+00			11.27	1095.27	in road
55+69			6.27	1100.27	E edge road
56+00			3.84	1102.70	E. 0.4' East edge of roadway in pave.
T.P.	11.47	1117.66	0.35	1106.19	T.P. SUR MAN
56+46.66					
PST.			9.85	1107.81	POST = 56+46.66 ON MAN ON SURFACE
TBM			6.84	1110.82	TBM ELEV = 1110.85 SPIKE IN R/W AT INTER. FERNWOOD PARK DR. & ARDUIN TRAIL SET 25'

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	
TBM	12.11	1122.96		1110.85	TBM = 1110.85 FD BT SPK IN P.P. AT INT. OF FERNWOOD PACIFIC & ALPINE TRAIL SEE PG. 25
57+00			11.55	1111.41	IN ROAD
57+98 48 PI#135			0.75	1122.21	PI#135 = 57+98 48 SET SUR NAIL IN PAVE. BY 3' TIES
58+00			0.56	1122.40	IN ROAD
TP	10.62	1133.43	0.15	1122.81	TP = SUR NAIL
59+00			1.01	1132.42	IN ROAD
TP	10.51	1143.82	0.12	1133.31	TP = SMALL BT. SPK.
60+00			1.33	1142.49	IN ROAD
TP	10.73	1154.40	0.15	1143.67	TP = SMALL BT. SPK.
60+99			8.75	1145.65	RT. 21° N. END 18" C.I. CULV.
61+00			2.38	1152.02	IN ROAD
61+13 43 PI#134			0.84	1153.56	PI#134 = 61+13 43 FD. PK IN PAVE.
61+14			4.86	1149.54	LT. 8 4 S. END 18" C.I. CULV.
61+15			0.81	1153.59	℄ INT. WITH CULV.
TP	9.94	1163.89	0.45	1153.95	TP = SMALL BT. SPK.
62+00			4.67	1159.22	IN ROAD
TP	11.69	1175.33	0.25	1163.64	TP = SMALL BT. SPK.
62+72 83 P.O.S.T.			10.20	1165.13	P.O.S.T. = 62+72 83 FD. 3/4" IP DN 10' - SET NAIL ON SURF.
63+00			9.11	1166.22	IN ROAD
63+64 14 P.O.S.T.			1.21	1174.12	P.O.S.T. = 63+64 14 SET SUR NAIL BY REC. ANGLE & DIS.
TP	10.14	1185.45	0.02	1175.31	TP = SMALL BT. SPK.

F. B. 3108 Pg. 110
Job No. 2215.14 Division No. 11
Survey of FERNWOOD PACIFIC DR.
Survey by W.S.C. Notes W.S.C.
Indexed C. J. GALLI Date
Notes Red. Date
Notes Chk. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.
C. RUBENACKER

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM W-2		1185.45	8.44	1177.01	BM W-2 ELEV = 1176.984	
BM W-2 ADJ.	7.52	1184.50		1176.98	BENCH CIRCUIT ELEV. BM-W-2	BRASS CAP ARON. sec pg # 24
63+92 2			12.53	1171.97	LT. 11° E. END 18" C.I. CULV. AT INVERT	
63+93 2			8.90	1175.60	℄ INT. WITH CULV.	
63+96 9			7.02	1177.48	RT. 24 5 W. END 18" C.I. CULV. AT INVERT	
64+00			8.46	1176.04	IN ROAD	
65+00			0.20	1184.30	IN ROAD	
TP	8.37	1192.82	0.05	1184.45	TP = SUR NAIL	
65+15 4			12.30	1180.52	LT. 20 5 E. END 18" C.I. CULV. AT INVERT	
65+18 9			6.95	1185.87	℄ INT. WITH CULV.	
65+22 4			7.35	1185.47	RT. 14 5 W. END 18" C.I. CULV. AT INVERT	
65+43 5			4.57	1188.25	W. EDGE ROAD	
65+49 53 DI #132			4.64	1188.18	PI #132 = 65+49 53	1×2 PL. SEE PG. 58
65+55			3.57	1189.25	W. EDGE ROAD	
66+00			0.05	1192.77	IN ROAD	
TP	11.46	1203.92	0.36	1192.46	TP = SUR NAIL	
66+75			5.33	1198.59	W. EDGE ROAD	
66+83 83 DI #131			4.8	1199.12	PI #131 = 66+83 83	3/4" IP DN. 8" SET NAIL ON SURF.
66+92 5			4.30	1199.62	W. EDGE ROAD	
67+00			3.85	1200.07	IN ROAD	
TP	11.96	1215.65	0.23	1203.69	TP = SUR NAIL	

Profile Notes Red ____ Plotted ____ Job No. 22254 Division No. 11 F.B. 3108 Pg. 111
X-Sec. Date ____ Survey of FERNWOOD PACIFIC DR
No. ____ Notes Checked C. RUBENACKER Survey by W.S.C. Notes R.S. Date 1-25-63
Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	
68+00		1215.65	7.71	1207.94	IN ROAD
TP	8.85	1224.24	0.26	1215.39	TP = SUR NAIL
68+90			6.76	1217.48	E. EDGE ROAD
69+00			6.8	1217.4	GROUND
PI# 130 69+06 80			8.7	1215.54	PI# 130 = 69+06 80 3/4" IP DN 12" SURF. GR. SHOT
69+15 3			5.26	1218.98	E. EDGE ROAD
TBM			6.07	1218.17	TBM ELEV = 1218.182 SEE PG. 23
TBM ADJ.	11.90	1230.08		1218.18	TBM BENCH CIRCUIT ELEV. = 1218.182
70+00			6.00	1224.08	IN ROAD
PI# 129 70+51 33			1.30	1228.78	PI# 129 = 70+51 33 - SET SUR NAIL & T BY 3' TIES
TP	12.04	1242.09	0.03	1230.05	TP = SUR NAIL
71+00			9.86	1232.23	IN ROAD
PI# 128 71+89 86			1.21	1240.88	PI# 128 = 71+89 86 - SET SUR NAIL & T
72+00			0.32	1241.77	IN ROAD
TP	12.28	1254.30	0.07	1242.02	TP = SUR NAIL
73+00			1.90	1252.40	IN ROAD
TP	12.22	1266.44	0.08	1254.22	TP = SUR NAIL
74+00			5.20	1261.24	IN ROAD
TP	7.97	1274.29	0.12	1266.32	TP = SUR NAIL
75+00			5.95	1268.34	IN ROAD
75+03			10.75	1263.54	LT. 9° S. END 18" C.I. CULV. AT INVERT

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Date
Division No. Job No. 2215.14
Survey of FERNWOOD PACIFIC DRIVE
Survey by W.S.C. Notes R.S. TRADER
Indexed B. J. GALLI Date
3108 112

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	
75+07 2		1274.29	5.55	1268.74	℄ INT. WITH CULV.
75+11 7			8.29	1266.00	RT. 19 5 N. END 18" C.I. CULV. AT INVERT
75+19 3			4.82	1269.47	S. EDGE ROAD
75+30 84 PI# 127			3.73	1270.56	PI# 127 = 75+30 84 FD. LD & TK. IN RETAINING WALL
75+36			3.54	1270.75	S. EDGE ROAD
TP	12.17	1285.41	1.05	1273.24	TP = SUR NAIL
76+00			10.85	1274.56	IN ROAD
76+49			5.46	1279.95	W. EDGE ROAD
76+56 24 PI# 126			5 3	1280.1	PI# 126 = 76+56 24 SET 1" IP
76+63			4.42	1280.79	W. EDGE ROAD
77+00			2.88	1282.53	IN ROAD
BM F-2			0.89	1284.52	BM F-2 ELEV = 1284.54 BRASS CAP MON SEE PG. 23
BM F-2 ADJ.	12.15	1296.69		1284.54	BM F-2 BENCH CIRCUIT ELEV. = 1284.54
78+00			5.73	1290.96	IN ROAD
78+16 24 PI# 125			3.78	1292.91	PI# 125 = 78+16 24 FD 3/4" IP DN. 8" SET 1×2 & N, SURF.
TP	11.84	1306.87	1.66	1295.03	TP = LARGE BT. SPK. W & T INT. FERNWOOD PAC. & ALLEY
79+00			7.56	1299.31	IN ROAD
TP	12.37	1317.88	1.36	1305.51	TP = SMALL BT. SPK.
80+00			9.74	1308.14	IN ROAD
80+40 47 PI# 124			5.45	1312.43	PI# 124 = 80+40 47 FD 3/4 IP DN. 4" - PAVE. ELEV.
81+00			2.66	1315.22	IN ROAD

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F.B. 3108 PG. 113
No. ____ Date ____ Date ____ Survey of FERNWOOD PACIFIC DR 2119
X-Sec. Notes Blue C. RUBENACKER Checked ____ Survey by WSC Notes RS Date 1-25-62
No. ____ Date ____ Date ____ Map No. ____ Indexed R. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		1317.88				
TP	12.34	1329.22	1.00	1316.88	TP = SUR NAIL	
82+00			5.01	1324.21	IN ROAD	
PI #123 82+51 25			1.05	1328.17	PI #123 = 82+51 25	SET 1x2 & N ON SURF.
TBM			0.91	1328.31	TBM - ELEV = 1328.34	SEE PG. 22
					Vd spk W in PP# [illegible]	

F.B. 3108 PG. 114 Job No. 22.15.14 Division No. Notes Red Plotted Profile
Survey of FERNWOOD PACIFIC DR Date Date No.
Survey by W.S.C. Notes RUBENACKER Notes Checked X-Sec.
Indexed G. J. GALLY Date Date No.

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

Survey of TUNA CANYON ROAD
JN 0303.00 Tape 191 Std RY °F
Surveyed by W. S. COWHERD
Notes W S C Date 1-31-63
Indexed C. J. CALLI MAR 4 '63

F. B. 3108 PG. 115

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RETRACEMENT
TUNA CANYON ROAD

FROM 0+00. AT OWENS RESERVOIR SITE
NLY. 5+23.53 ± TO FERNWOOD PACIFIC
DRIVE

JN 0303.00
FEB-63

REFERENCE

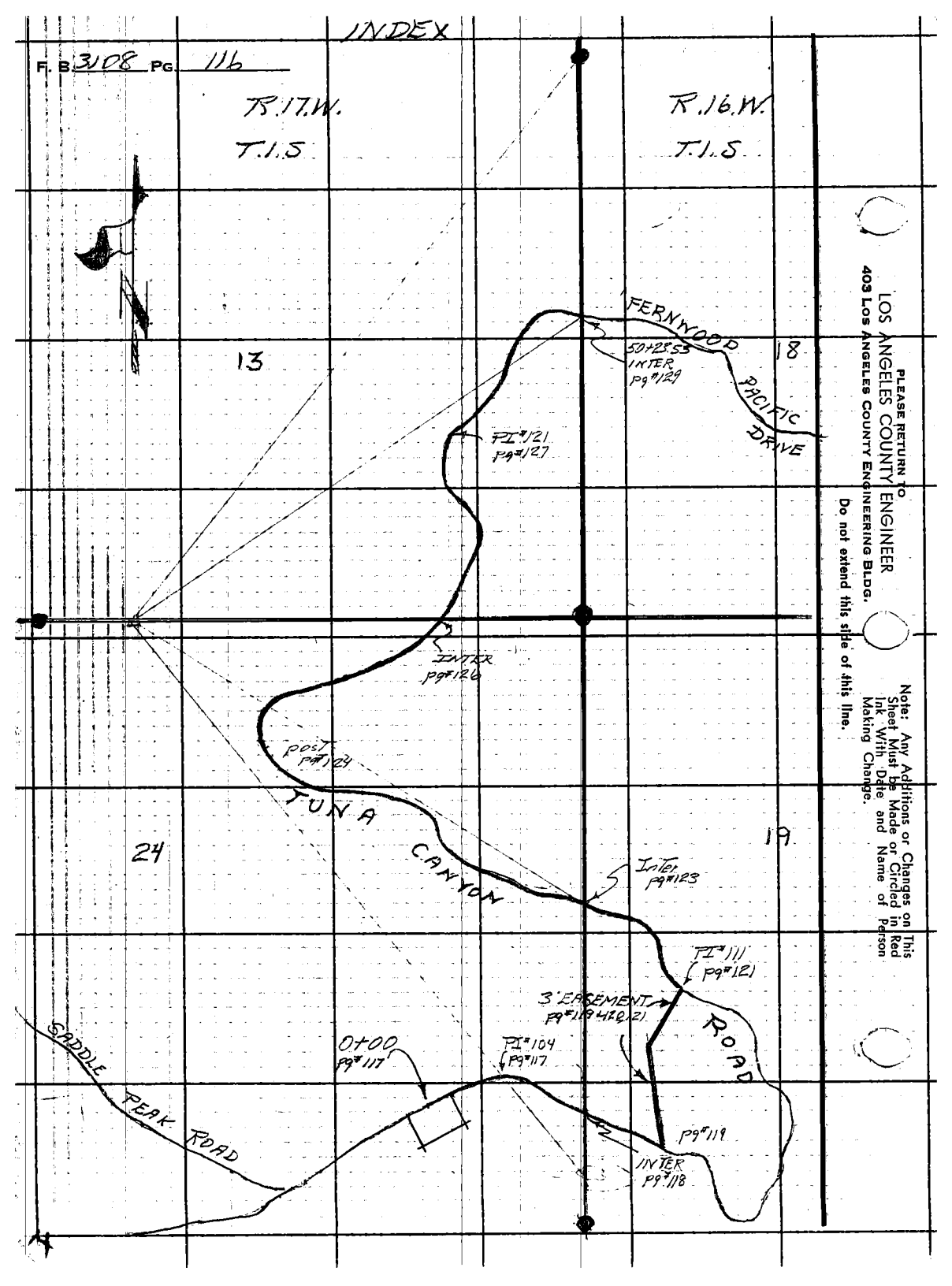
FB 2269-7+8
FB 107-95, 104
FB 695-237, 241
FB 725-156
CS MAP # 8834

CSB-525
CS 1631-1

PARTY

W. S. COWHERD
C. ADAMS
R. STRADER
R. COSTLOW

Ref 3095 CE # 310 (3-61)



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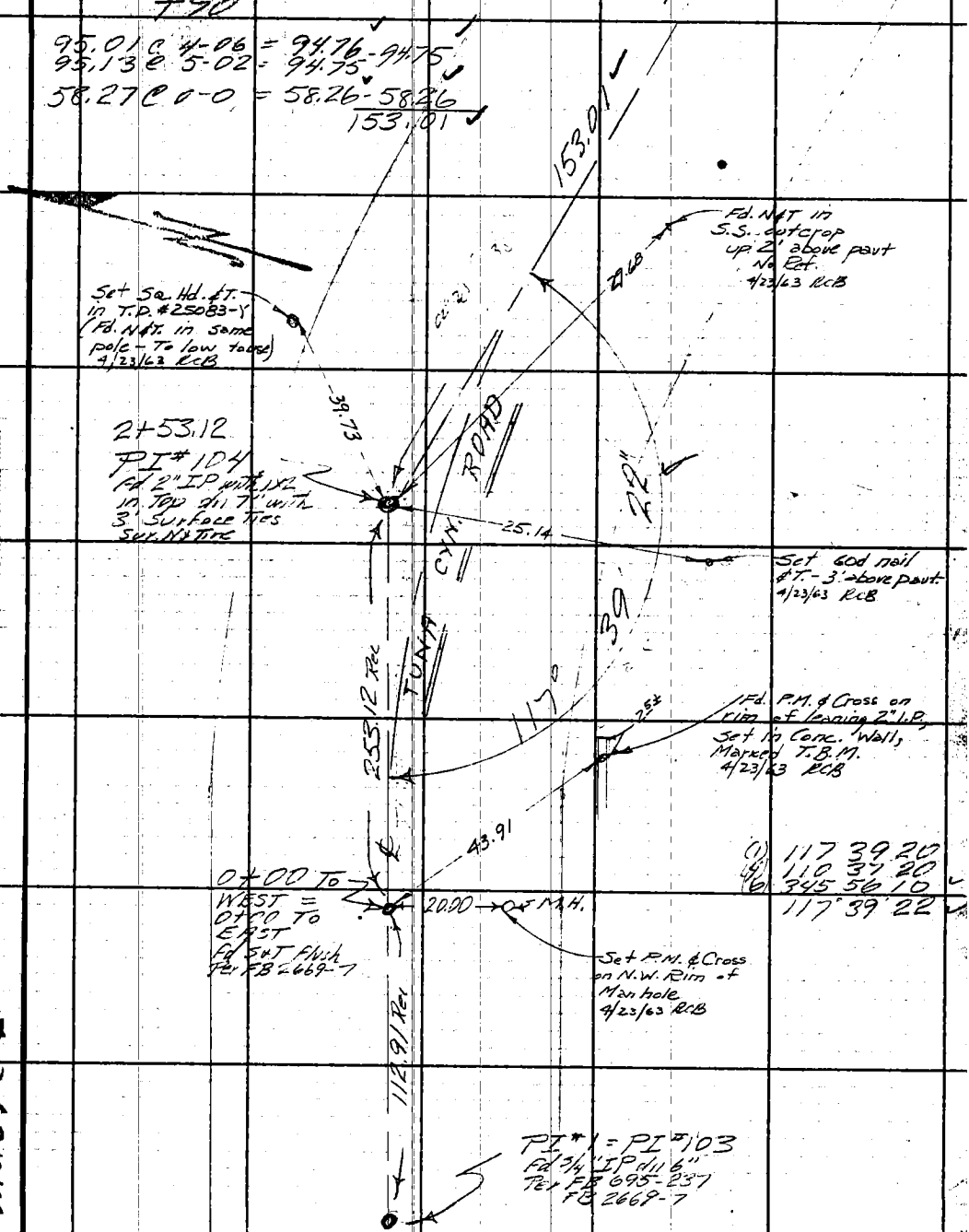
Notes Ck'd by	Survey of TUNA CYN ROAD
Map No.	JN 0303.01 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 2-4-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 117

BOT Pg. #118

T70

95.01 @ 4-06 = 94.76 - 94.75
95.13 @ 5-02 = 94.75
58.27 @ 0-0 = 58.26 - 58.26
153.01



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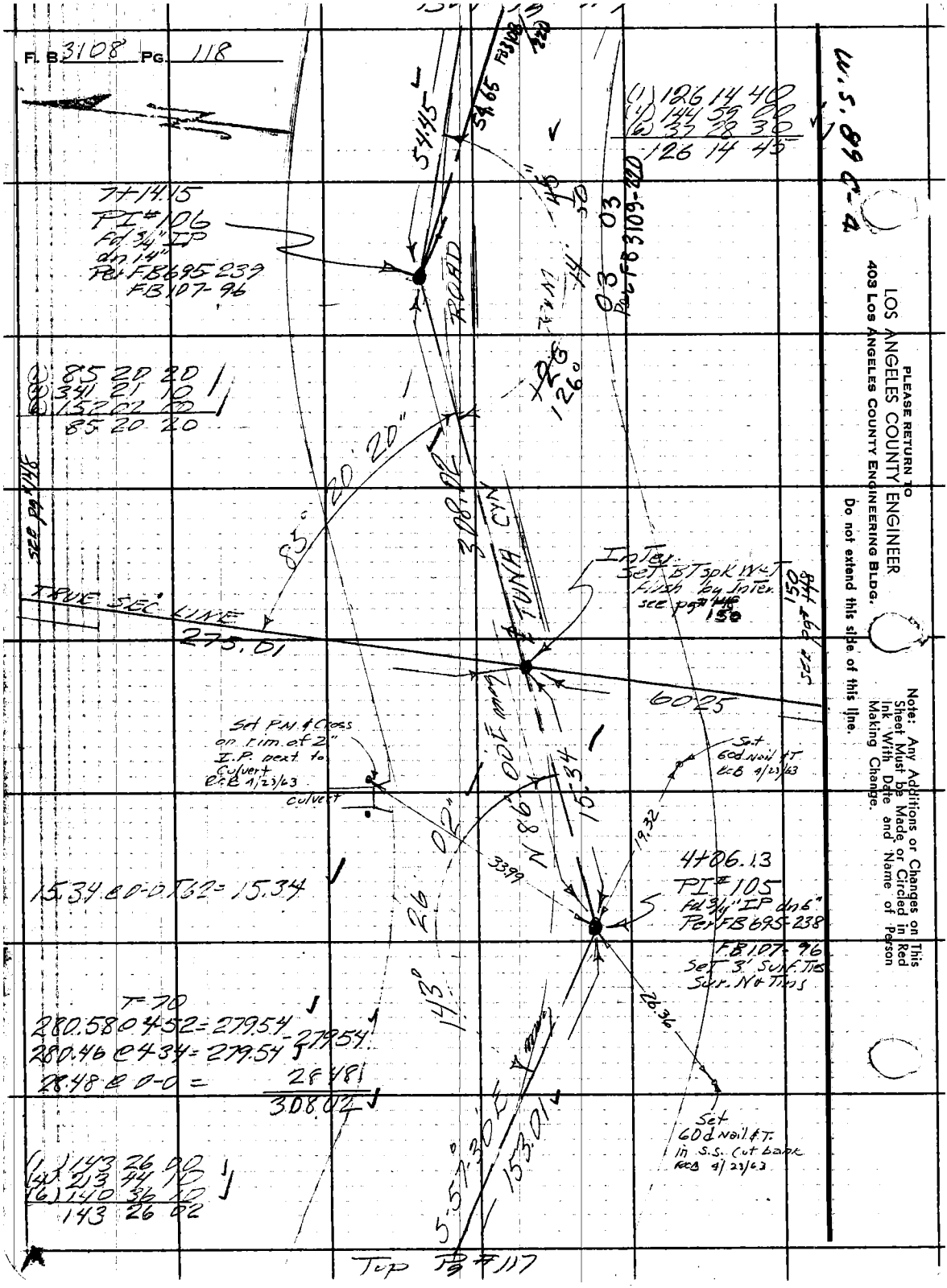
W.S. 89 C-4

76F309S CE # 310 3-61



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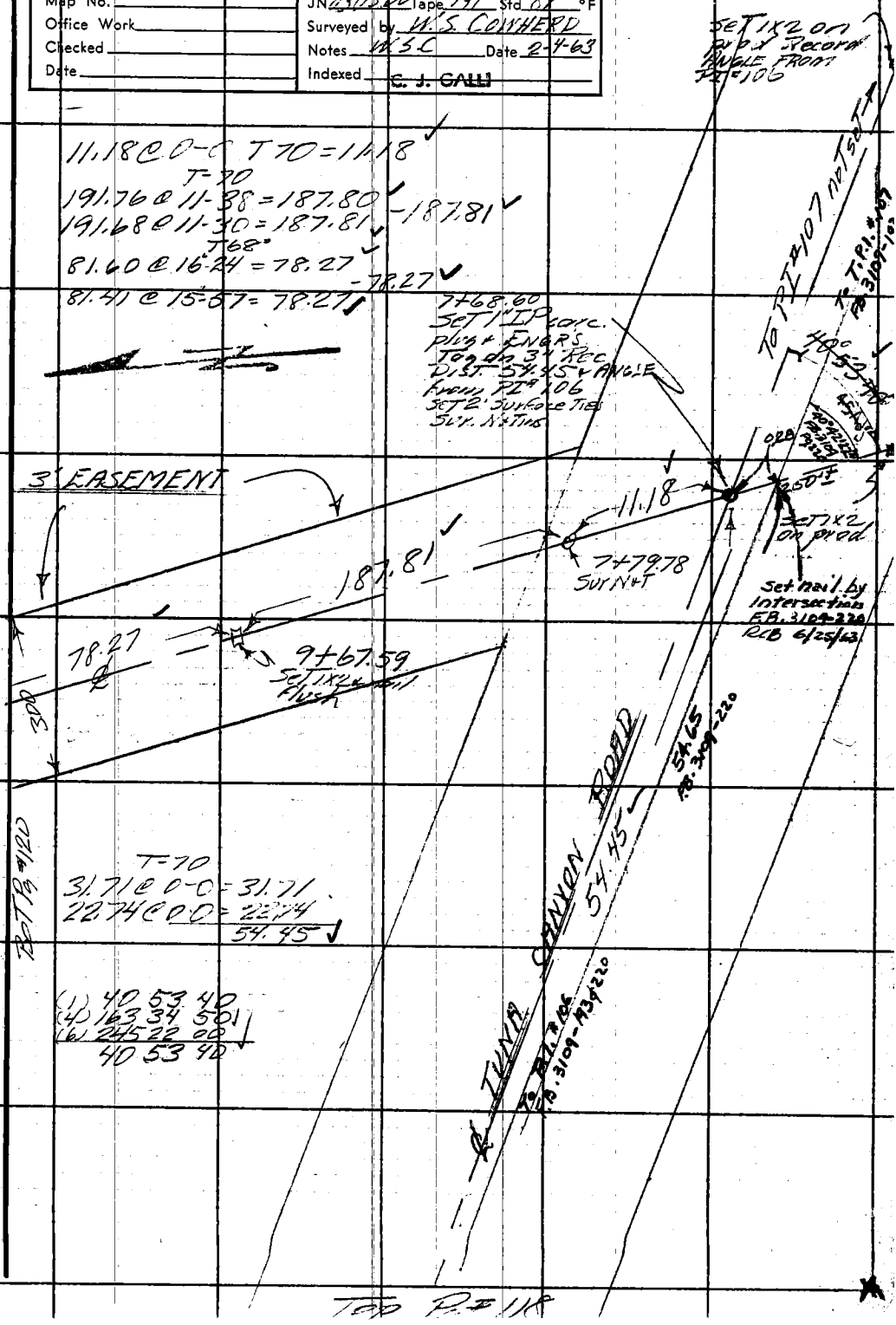
Notes Ck'd by	Survey of TUNA CYN RD
Map No.	JN 030300 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 2-4-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 119



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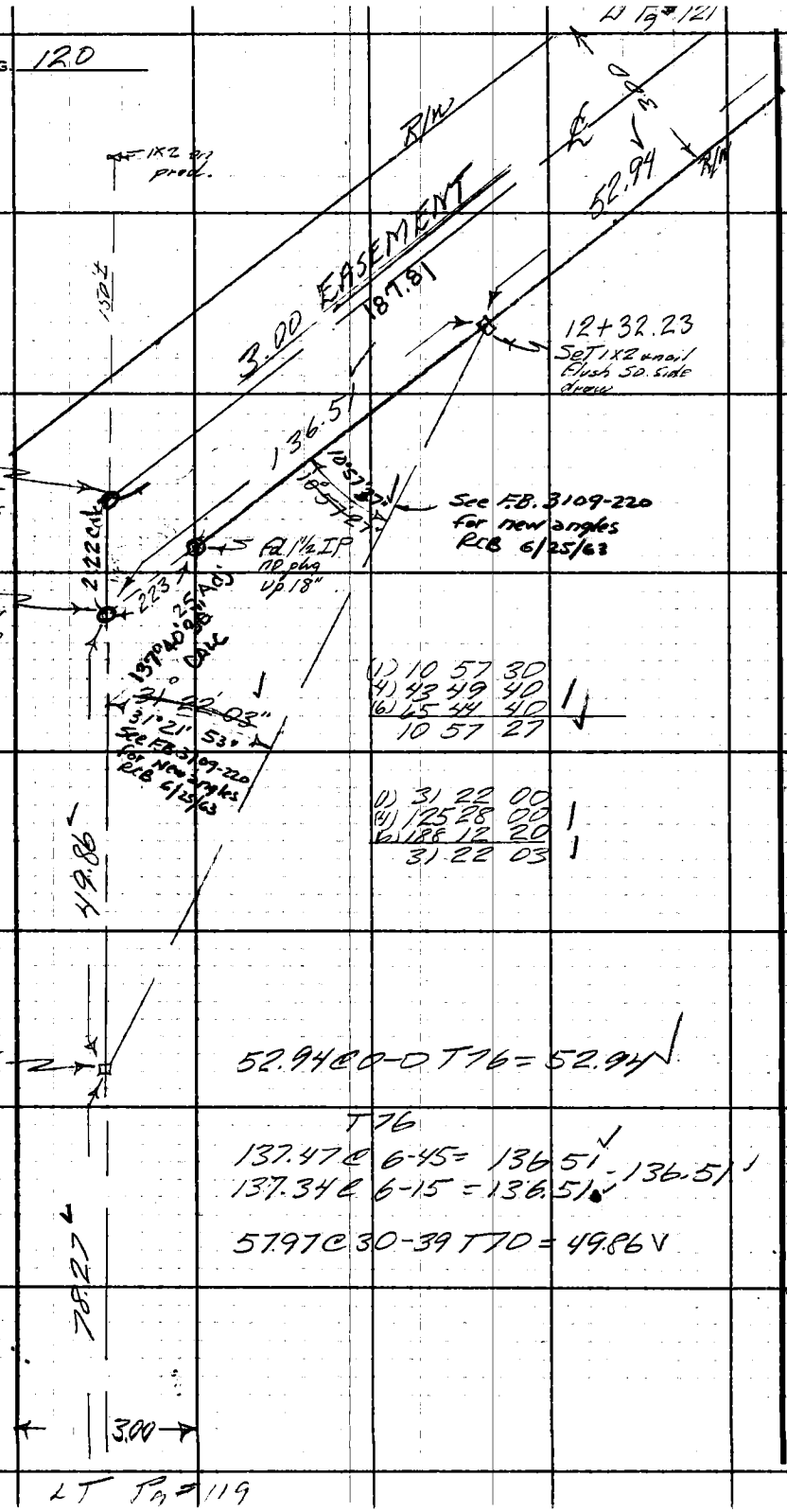
7 6F309S CE # 310 3-61

F. B. 3108 Pg. 120



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Office Work
Checked
Date

Survey of JUNA CYN ROAD
JN 030302 Tape 191 Std 88 °F
Surveyed by W. S. COWHERD
Notes W.S.C Date 2-4-63
Indexed G. J. GALLI

F. B. 3108 PG. 121

BOT Pg #122

Rechained 7/63 RcB
T=80°
Lav. = 98.11

① 118° 04' 00"
④ 112° 15' 40"
⑥ 348° 23' 20"
118° 03' 53"
(Rerun) 7/63 RcB

N 18-00 W

130.30

① 118 05 20
④ 112 21 20
⑥ 348 32 00
118 05 20

P.I. #111
This point was base in the ground and was reset from Ties per FB. 3109-196

14+20.40
PT #111
Fd 3/4" IP plug & Tack 0.1' R&R per FB 695-241
Set 10' Surf. Ties Sur. N&T Ins.
SEE FB 107-99

35 Adj.
42.44
78.76
Set Sq. Hd. & T. in 16" Pipe 5/63 RcB

T=78
237.09 @ 4.51 = 236.23 - 236.23
237.23 @ 5.14 = 236.23
2.07 @ 0-0
2.07
238.30

T=78
72.19 @ 0-0 = 72.19
25.92 @ 0-0 = 25.92
98.11

B.M. W-4
Fd. Co. Engr. Br. Cap
B.M. Nail 5ft in Conc
5/63 RcB

05 Adj.
75.42
98.11

① 126 03 00
④ 144 12 10
⑥ 36 18 00
126 03 00
126

Set P.K. & Cross on 2½" G.I.P. Rivet 5/63 RcB

137+22.29
Intersection
Fd CS W of T do 2"
Per FB 695-241

38.21
37.12
30.00
18.81
21.84

RAW
3.00 EASEMENT
1.50
187.81
3.00
RW
52.94

Fd CS T. W do 2"
Per FB 695-241

12485.17
Fd 2" IP Plug & Tack up 5 Tack FB 695-241

Set P.K. & Cross on 2½" G.I.P. Rivet 5/25/63 RcB

JUNA CYN ROAD

21.84 @ 0-0 T-76 = 21.84
37.12 @ 0-0 T-76 = 37.12

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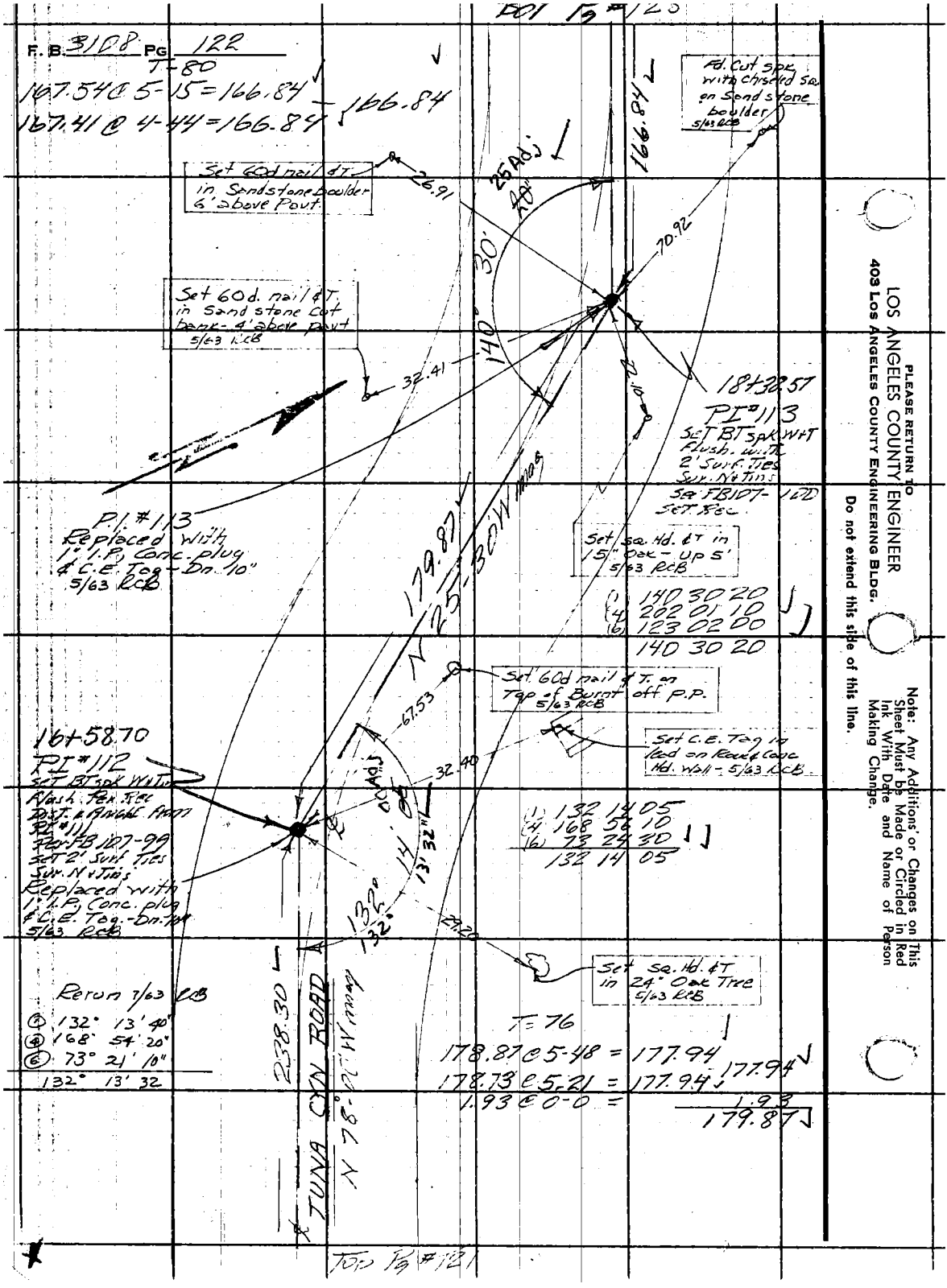
7 6F309S CE # 310 3-61



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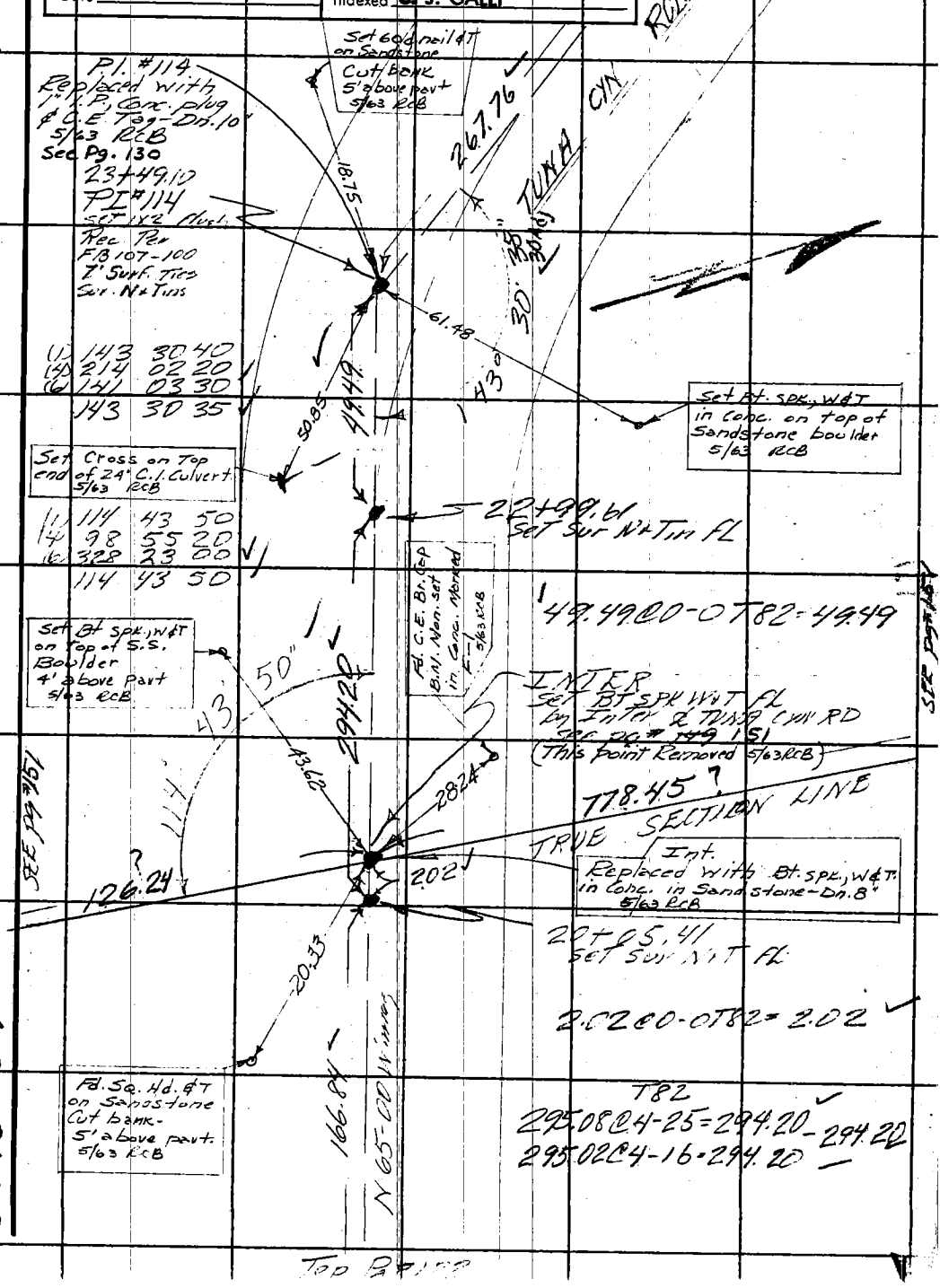
Notes Ck'd by	Survey of TUNA CYN RD	F. B. 3108 Pg. 123
Map No.	JN 0308.00 Tape 191 Std 84 °F	BOT Pg #124
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W.S.C Date 2-6-63	
Date	Indexed C. J. GALLI	



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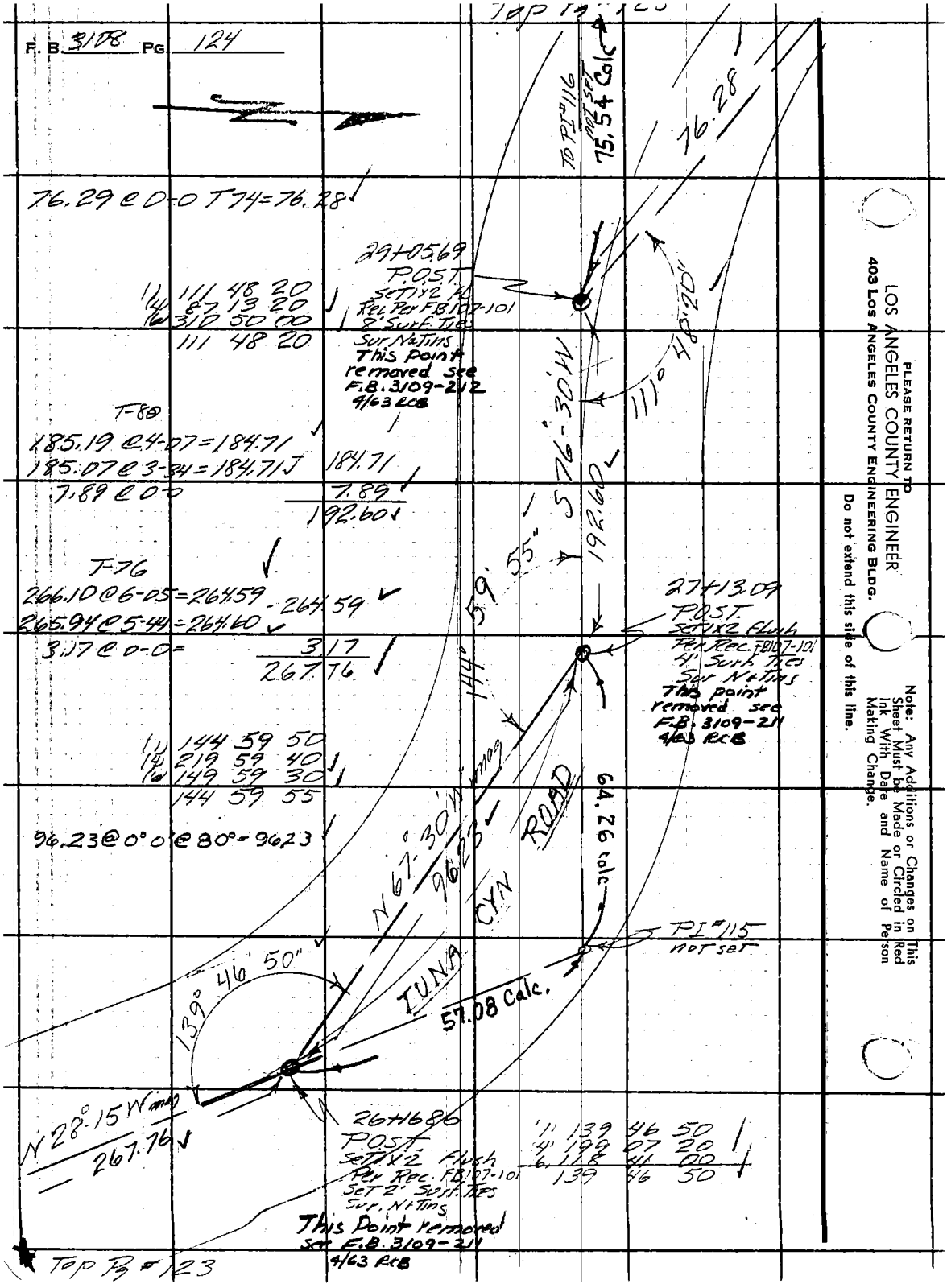
Top Page

F. B. 3108 PG. 124



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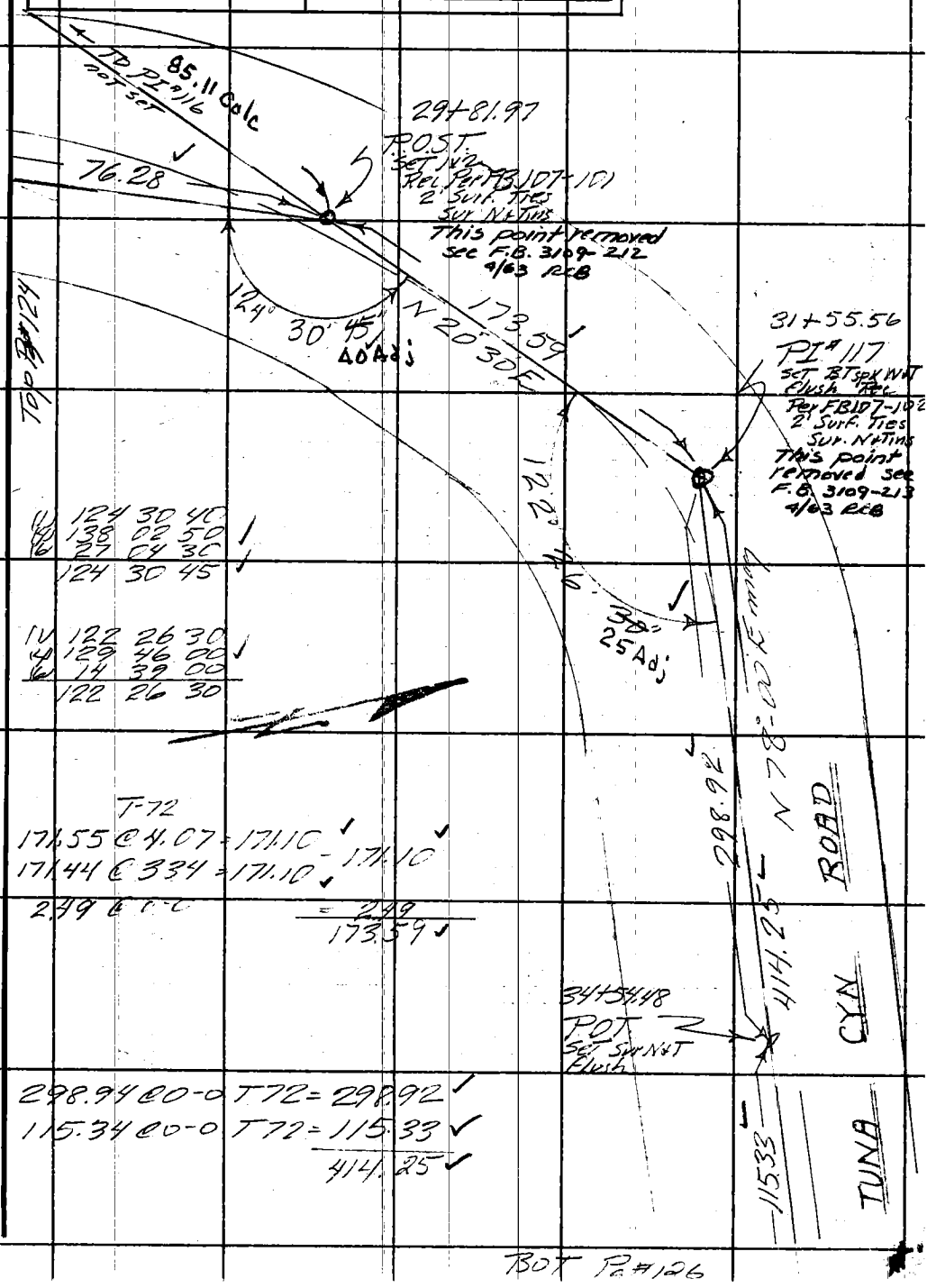
Notes Ck'd by	Survey of TUNA CYN RDAD	F. B. 3108 Pg. 125
Map No.	JN 0303.00 Tape 191 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W.S.C. Date 2-6-63	
Date	Indexed C. J. GALLI	



(1) 124 30 40
(4) 138 02 50
(6) 27 04 30
124 30 45

(1) 122 26 30
(4) 129 46 00
(6) 14 39 00
122 26 30

T-72
171.55 @ 4.07 = 171.10
171.44 @ 3.34 = 171.10 - 171.10
2.49 @ 0-0 = 2.49
173.59

298.94 @ 0-0 T72 = 298.92
115.34 @ 0-0 T72 = 115.33
414.25

BOT Pg #126

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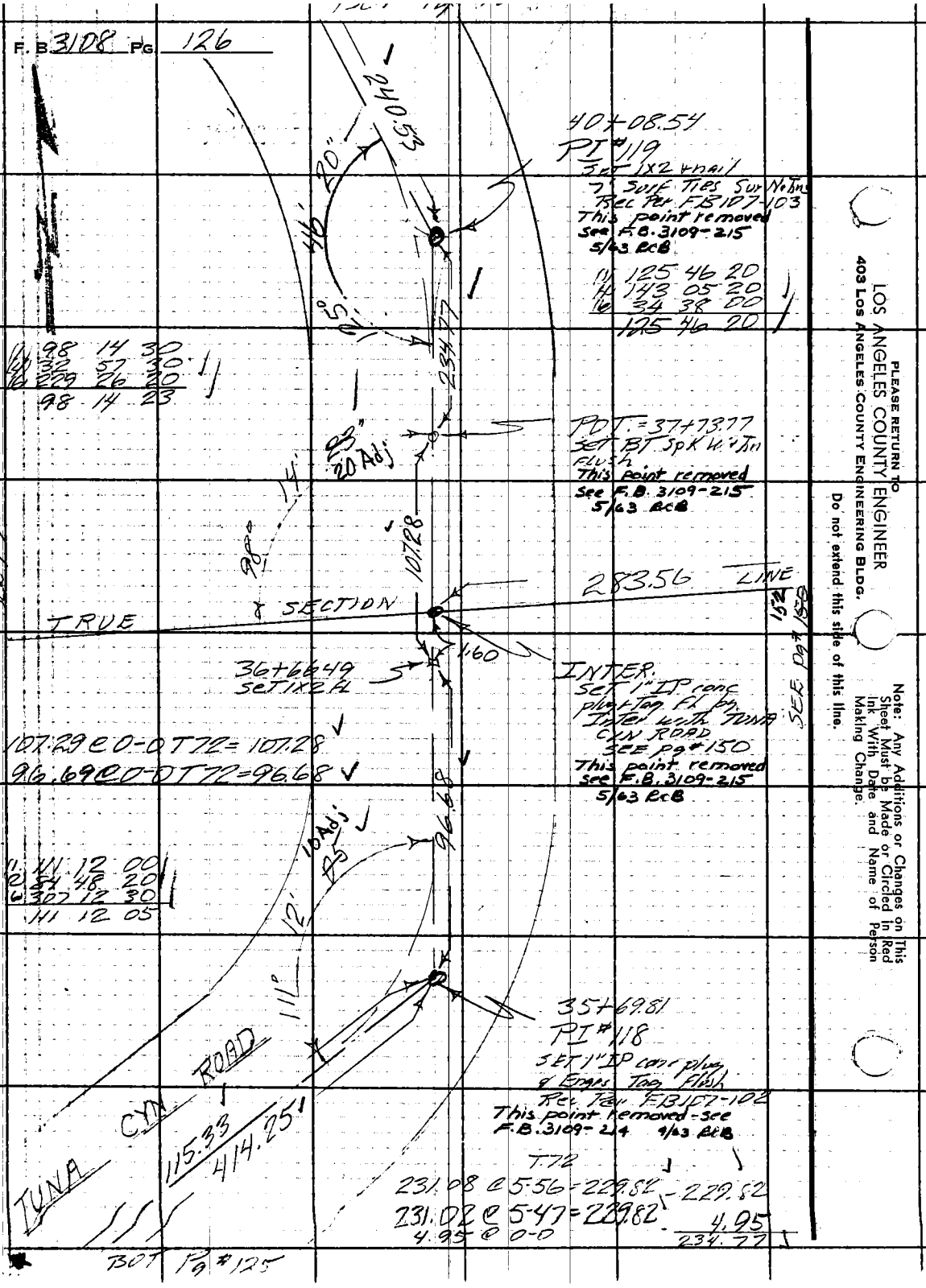
76F309S CE # 310 3-61

F. B. 3108 Pg 126



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Notes Ck'd by	Survey of TUNA CYN RD	F. B. 3108 PG. 127
Map No.	JN 030300 Tape 191 Std 84 °F	BOT Pg #128
Office Work	Surveyed by W.S. Cowherd	
Checked	Notes W.S.C. Date 2-6-63	
Date	Indexed C. J. GALLI	

T-64
293.91 @ 5-24 = 292.57
293.87 @ 5-18 = 292.57
2.21 @ 0-0 =

292.57
2.21
294.78

T 70
295.43 @ 6-22 = 293.58
295.37 @ 6-13 = 293.60
62.09 @ 0-0

293.59
62.08
355.67

46+04.74
PI #121
Set BT spk W&T Fl.
Rec Per FB107-104
2' Surf Ties Sur Notings
This point removed
See F.B. 3109-217
5/63 RCB

294.78

15"
34
153

TUNA CYN ROAD
355.67

(1) 153 34 20
(4) 254 16 50
(6) 201 25 30
153 34 15

42+49.07
PI #120
Set BT spk W&T
Rec. Per FB107-103
2' Surf Ties Sur Notings
This point removed
See F.B. 3109-216
5/63 RCB

17' 50"
119°

(1) 119 17 50
(4) 117 11 20
(6) 355 47 00
119 17 50

240.53
N 45 15 Wing

T=79°
237.65 @ 4-46 = 236.81
237.57 @ 4-31 = 236.81
3.72 @ 0-0 =

236.81
3.72
240.53

TOP Pg # 126

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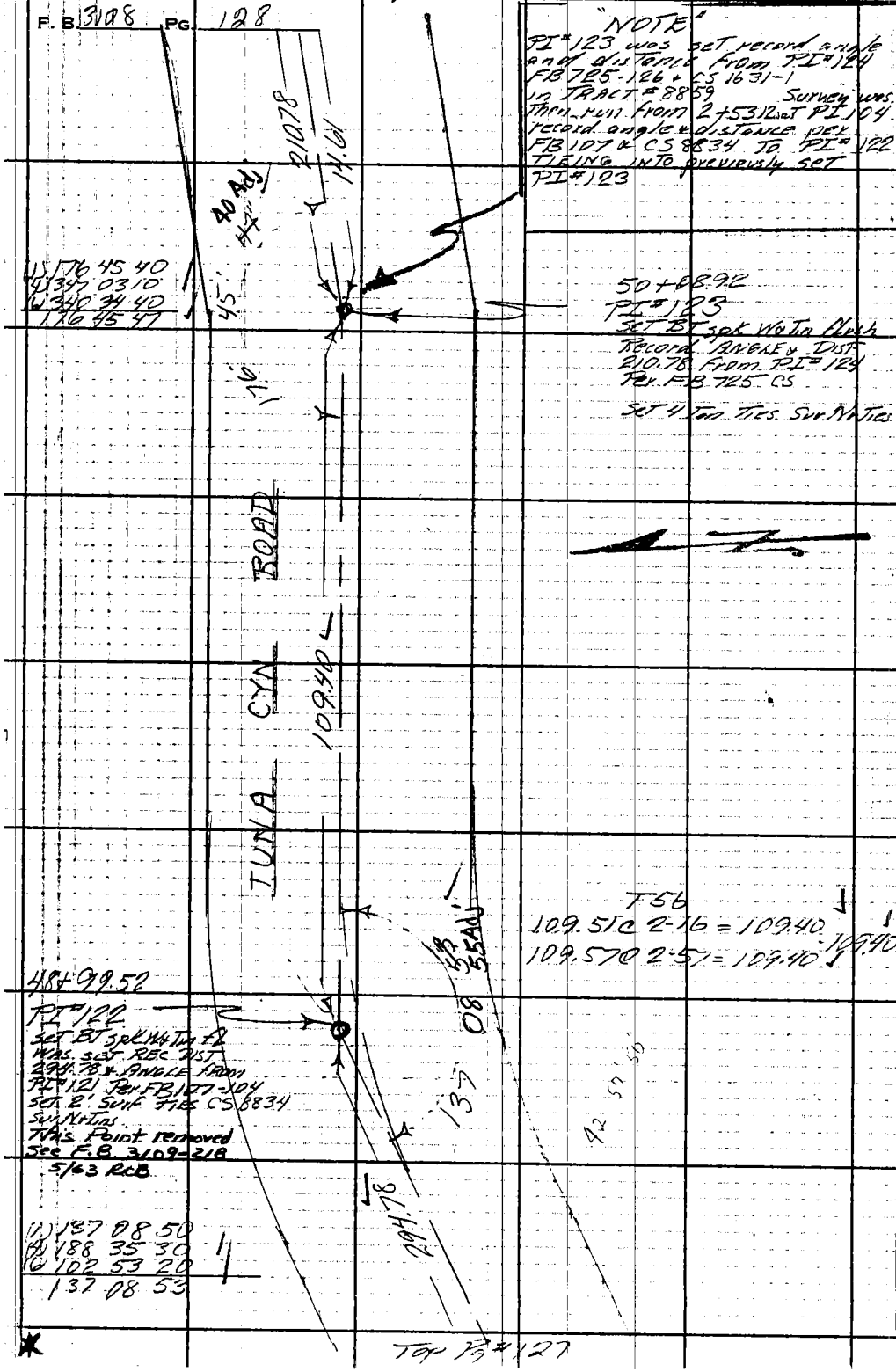
7 6F309S CE # 310 3-61

BOT Pg #129

F. B. 3108 PG. 128

"NOTE"
PI #123 was set record angle and distance from PI #124 FB 725-126 + CS 1631-1 in TRACT #8859 Survey was then run from 2+53.12 at PI 104 record angle + distance per FB 107 + CS 8834 to PI #122 TIEING INTO previously set PI #123



(1) 176 45 40
(4) 347 03 10
(6) 340 34 40
176 45 47

50+08.92
PI #123
Set BT spk W+Tin flush
Record ANGLE + DIST 210.78 from PI #124 Per FB 725 CS
Set 4 Ton Ties Sur. N+Ties

T56
109.51 @ 2-16 = 109.40
109.57 @ 2-57 = 109.40
109.40

48+99.52
PI #122
Set BT spk W+Tin fl
Was set REC DIST 294.78 + ANGLE from PI #121 Per FB 107-104
Set 2' Surf Ties CS 8834
Sur N+Tins
This Point removed
See F.B. 3109-218
5/63 RCB

(1) 137 08 50
(4) 188 35 30
(6) 102 53 20
137 08 53

Top Pg #127

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Notes Ck'd by	Survey of TUNA CYN ROAD
Map No.	JN 0303.00 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. LOWHERD
Checked	Notes W.S.C Date 2-7-63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 129

IMPORTANT NOTE
Δ = 44°37'45" per FB 124-27
& CS 8834 - Δ = 44°32'30"
per FB 725, 156 CS 1631-1
a difference of 0°05'15" all
on the same PI #124

PI #125
Fd original 3/4" IP dn 10"
per FB 725-155
Set 2' Surf Ties Sur N & Tins

(1)	135	27	30
(4)	181	50	00
(6)	92	45	00
	135	27	30

224.23 R

PI #124
Fd original 3/4" IP
dn 8" Per FB 725-156
2' Surf. Ties Sur N & Tins

FB 725-156
Per CS 1631-1
27°30'

Rec Mts
135°

TUNA CYN ROAD

14.61 @ 0-0 T56-14.61

T56 25
209.64 @ 3-18 = 209.35
209.71 @ 3-35 = 209.35 - 209.35
1.43 @ 0-0 = 1.43
210.78

210.78

Fd CS W & T
dn 4"
Per FB 725-156

TRUE SEC. LINE
50+23.53

0.19

257.95

Inter
Set 1" IP coal plug
& ENGRS TAC
dn 4" set by Inter
2' Surf. Ties Sur N & Tins

80°45'

54°04'38"

(1)	54	04	20
(4)	216	18	20
(6)	324	27	50
	54	04	38

14.61

To S-3 Pg #153

(1)	80	45	50
(4)	323	03	50
(6)	124	35	50
	80	45	58

Top Pg #128

Top Pg #153

W.S. 89 C-3

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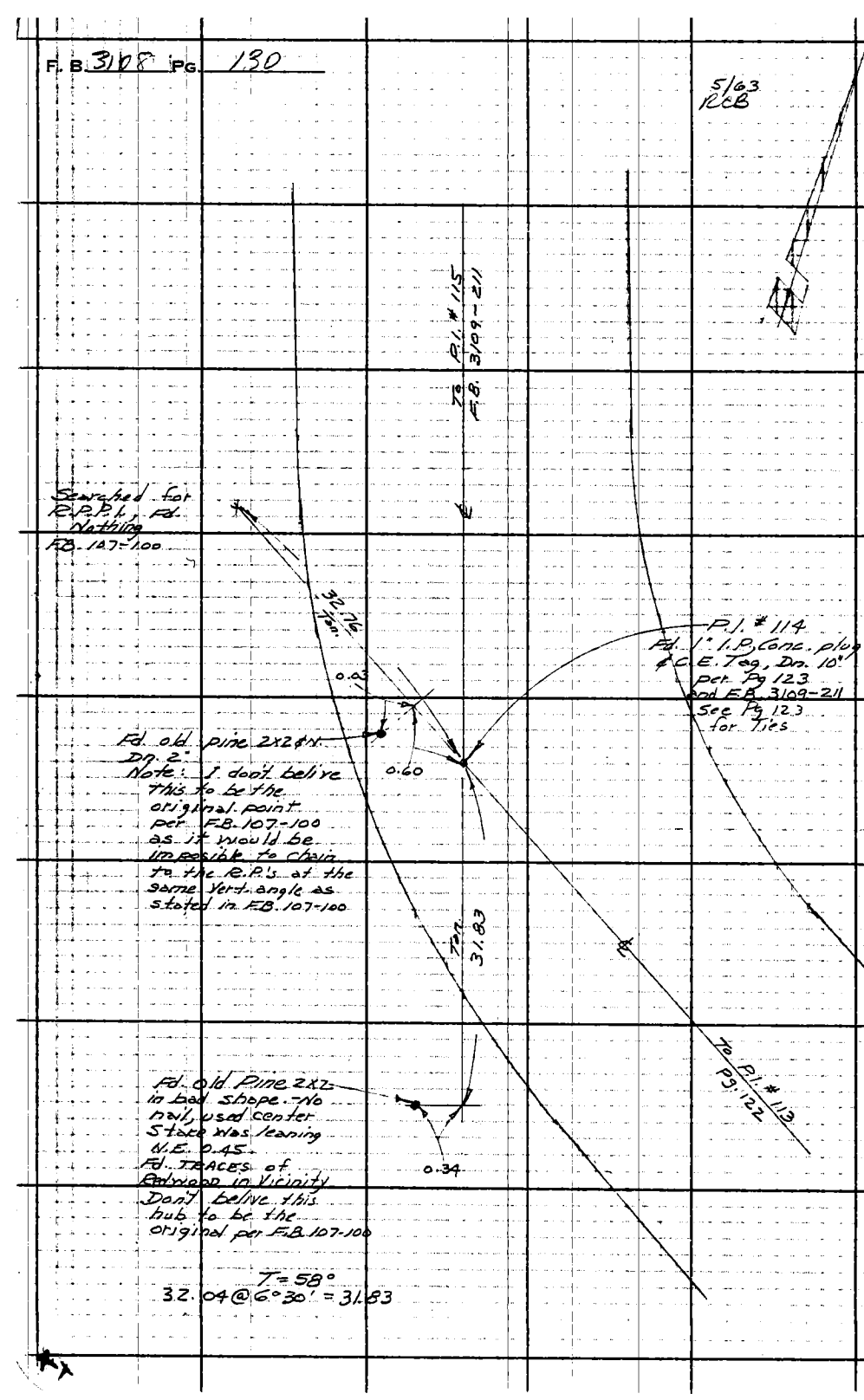
76F3095 CE # 3101 3-61

F. B. 3108 PG. 130



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Date

Survey of TUNA CYN ROAD
JN 2215.14 Tape 191 Std 84 °F
Surveyed by W.S. COMHERD
Notes W.S.C Date 2-9-63
Indexed G. J. GALLI MAR 4 '63

F. B. 3108 PG. 131

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LOCATION OF IMPROVEMENTS ON TUNA CANYON ROAD

FROM 0+00 page # 117 TO 50+23.53
FB # 123 page # 128

JN 2215.14
FEB-63

Reference
FB 3108 pages 115 To 129

Party
W.S. COMHERD
C.A. DAVIS
R. STRADER
R. COSTLOW

Notes Ck'd by
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Office Work
Checked
Date

Survey of JUNIPER CYN ROAD
JN 28154 Tape 191 Std 84 °F
Surveyed by W. S. COWHERD
Notes C. GALLI Date 2-5-63
Indexed C. J. GALLI

F. B. 3108 PG. 133

STATION	OFF SET		DESCRIPTION
0+00	11 RT.	Edge Rd.	
"	15 LT.	" "	
1+00	2.5 RT	" "	
"	15.4 LT	" "	
2+00	14.2 RT	" "	
"	7.5 LT	" "	
2+53.12 P.I. 104	23.5 RT.	" "	on split of Angle
"	1.0 LT	" " " " " "	
2+60	8.5 LT	begin Steel Guard Rail	
2+83	2.55 LT	P.P.	
2+87	℄	Edge Rd. - toe of Cut bank	
2+94.5	30.0 LT	End Steel Guard Rail	
3+01.6	6.5 LT	Edge Rd - toe of Cut bank	
"	30.5 LT	" " - Top of bank	
3+34.6	℄	" " - toe of Cut bank	
"	22 LT.	" " - Top of bank	
3+70	13.0 RT	" " - Toe of Cut bank	
"	10.0 LT.	" " - Top of bank	
4+06.3 P.I. 105	4.0 RT	" " - Toe of Cut bank	
"	16.5 LT	" " - Top of bank	
4+35	13.2 LT.	open end Galv. Iron Catch Basin	
5+00	10.5 RT.	Edge Rd.	
"	14.9 RT	toe Cut bank	
"	9.5 LT	Edge Rd - top of bank	
6+00	14.0 RT	" "	
"	25.0 RT	Toe Cut Bank	
"	9.5 LT	Edge Rd top of bank	
5+96.0	10.0 LT	Cobble stone Drain 3' wide	
6+70.0	7 LT	Edge Rd.	
"	9.5 LT	P.P. Top of bank	
"	18.0 RT	Edge Rd	
"	24.0 RT	toe of Cut bank	
6+94.0	℄	Edge Rd top of bank	
7+14.15 P.I. 106	8.0 RT.	Edge Rd on split of Angle	
	30.0 RT	" " " " " "	

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CE # 3101 3-61

F. B. 3108 PG. 134

STATION	OFFSET	DESCRIPTION
	38.0 Rt	Toe of Cut bank
7+27	2.5 Lt	F.H.
7+32	℄	Edge Rd
7+68.60 Inter.	12.5 Rt.	" "
"	16.5 Rt	Toe of Cut bank
"	11.0 Lt	Edge Rd.
Location of improvements between stations 7+68.60 & 13+22.29 will be covered by Profile & Location Notes Per Page — ?		
13+22.29	15.0 Rt	Edge Rd
"	10.8 Lt.	" " toe of Cut bank
13+40.8	21.8 Lt	F.H.
13+48.0	19.6 Rt	H.B.
13+80.0	8.5 Rt	Edge Rd.
"	28.5 Lt	" "
14+05	℄	" "
14+20.90 P.I. 11	7.0 Lt	" "
"	43.7 Lt	" "
14+35.5	℄	" "
15+00	13.7 Rt	" "
"	12.0 Lt	" "
16+00	17.5 Rt	" " top of bank
"	5.5 Lt	" " toe of Cut bank
16+58.70 P.I. 12	18.0 Rt	" " on split of Angle
"	3.5 Lt	" " toe of cut bank
16+83	36.5 Lt	W. End 18" C.I. Culvert 5.0' Lower than Rd. wy.
16+88.2	9.5 Rt	Edge Rd Center 3' Cobble stone Drain
"	22.5 Lt	" "
17+04.7	℄	℄ C.I. Culvert
17+12.0	10.0 Rt	E. End 18" C.I. Culvert 7.0' Lower than Rdwy.
17+50	9.0 Rt	Edge Rd
"	14.5 Lt	" "
18+00	17.8 Rt	" " top of bank
"	7.7 Lt	" " toe of Cut bank
18+38.57 P.I. 13	4.8 Rt	" " on split of Angle
	18.0 Lt	" " toe of cut bank

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Map No.	JN 2215.14 Tape 191 Std 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes C. ADAMS Date 2-11-63
Date	Indexed C. I. GALLI

F. B. 3108 PG. 135

STATION	OFFSET	DESCRIPTION
19+00	12.0 RT	Edge Rd
"	11.0 LT	Edge Rd - Toe of Cut
20+00	14.0 RT	"
"	5.5 LT	" Toe of Cut
20+17	19.4 RT	T.P.
21+00	14.0 Rt.	Edge Rd
"	11.0 Lt.	" " Toe of Cut
22+00	11.5 RT	" " " " "
	10.0 LT	" " " " "
23+00	11.0 Rt	" "
"	16.0 RT	Top of Bank.
"	11.8 Lt	Edge Rd
"	15.8 Lt	S. end 24" C.I. culvert. 3.0 below Rd surface
23+10	℄	℄ 24" C.I. Culvert
23+28.5	30.0 RT	N. end 24" C.I. Culvert 6' below Rd surface
23+43	℄	Edge Rd.
23+49.10 P.I. #114	3.0 RT	" " on split of Angle
	20 RT	" "
23+60	℄	" "
24+00	11.7 RT	" "
"	11.7 Lt	" " Toe of Cut
24+90	7.5 RT	" " ℄ 4' Cobble stone Drain
"	13.6 Lt	" " Toe of cut
25+25	15.0 RT	" " Top of bank
"	6.8 Lt	" " toe of Cut
26+16.86 P.O.S.T.	℄	" " Top of bank Split of Angle
"	23.0 Lt.	" " Toe of Cut
26+60	3.0 RT	" " Top of bank
"	22.0 LT	" " Toe of Cut
27+13.09 P.O.S.T.	℄	" " Top of bank Split of Angle
"	28.0 Lt.	" " Toe of Cut
28+00	13 Rt.	" "
"	12.5 Lt	" " toe of cut
28+30	10.5 RT.	" " Top of bank
"	13.5 LT.	" " Toe of Cut

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76F3095 CE # 310 3-61

F. B. 3108 PG. 136

STATION	OFFSET	DESCRIPTION
29+00	℄	
29+05.69 P.O.T.	2.0 RT	Edge Rd
"	28.5 RT	" " Top of bank
29+12.0	℄	" "
29+27.0	3.5 LT	E. end Steel Guard Rail
29+38	20.0 RT	E. end Cobble Stone Catch basin
29+51	4.8 LT	Edge Rd & Steel Guard Rail
"	11.0 LT	S. end 36" C.I. Culvert 8.5 below Rd surf.
29+55	℄	℄ 36" C.I. Culvert
29+61	19.0 RT	W. end Cobble Stone Catch basin
29+67	36.0 RT	N end 36" C.I. Culvert 8.9 below Rd. surf
29+68	4.0 LT	W end Steel Guard Rail
29+81.97 P.O.T.	℄	Edge Rd
"	24.0 RT	" " Top of bank
		Split of Angle
30+25	11.5 RT	" "
"	10.5 LT	" " toe of Cut
31+00	10.5 RT	" "
"	10.5 LT	" " toe of Cut
31+55.56 P.I. 117	℄	" " on split of Angle
"	23.0 RT	" " Top of bank
32+00	7.0 RT	" "
"	15.0 LT	" "
32+61	14.5 RT	P.P.
33+00	9.0 RT	Edge Rd
"	11.2 LT	
33+48	13.7 LT	N. end 18" C.I. Culvert 3.8' below Rd surf.
33+53.5	℄	℄ 18" C.I. Culvert
33+63	26.5 RT	S. end 18" C.I. Culvert 8.8' Below Rd surf.
34+00	9.0 RT	Edge Rd top of bank
"	11.0 LT	" " toe of Cut
34+55	6.5 RT.	" " top of bank
"	17.0 LT.	" " toe of Cut
34+85	℄	" "
"	23.0 LT	" " toe of Cut
35+69.81 P.I. # 118	36.5 LT	" " split of Angle
"	62.0 LT	" " toe of Cut
36+79.5	℄	" " Top of bank

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Survey of TUNA CYN ROAD
JN 22154 Tape 191 Std 60 °F
Surveyed by W.S. COWHERD
Notes C. ADAMS Date 2-1-63
Indexed C. J. GALLI

F. B. 3108 PG. 137

STATION	OFFSET	DESCRIPTION		
36+79.5	21.0 LT.	Edge	Rd	
37+75	12.0 RT	"	"	Toe of Cut
"	8.0 LT	"	"	" " "
38+50	11.5 RT	"	"	" " "
"	11.5 LT	"	"	" " "
39+10	11.0 RT	"	"	" " "
"	14.5 LT	"	"	" " "
39+60	9.5 RT	"	"	Top of bank
"	16.7 LT	"	"	Toe of Cut
40+00	℄	"	"	
40+08.54 P.I. 119	4.0 LT	"	"	
	28.0 LT	"	"	Split of Angle
40+14.5	℄	"	"	Toe of Cut
40+50	14.0 RT	"	"	
"	9.3 LT	"	"	Toe of Cut
41+00	15.0 RT	"	"	Top of bank
"	6.6 LT	"	"	Toe of Cut
41+50	7.6 RT	"	"	Top of bank
	17.0 LT	"	"	Toe of Cut
42+00	6.0 RT	"	"	
	21.3 LT	"	"	
42+49.07 P.I. 120	20.0 RT	"	"	on split of Angle
"	10.4 LT	"	"	" " " "
42+91	℄	"	"	
"	26.0 LT	"	"	
43+16	30.0 LT	W. end		18" C.I. Culvert - 4.5' below Rd. Surf
43+19	32.5 LT	W. "		24" " " 3.5' below Rd surf.
43+26	3.5 LT	E. "		18" " " 1' Below Rd Surf.
43+50	9.0 LT	E. edge	Rd	
"	30.0 LT	W. edge	Rd	
43+87.5	℄	℄ 24" C.I. Culvert		
44+00	2.0 LT	E. edge	Rd	top of bank
"	22.0 LT	W "		" toe of Cut
44+01	7.0 RT	E. end		24" C.I. Culvert 7.9' below Rd Surf
44+06	℄	E. edge	Rd	

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7 CF 3095 CE # 310 3-61

4

F. B. 3128 Pg. 138

STATION	OFFSET	DESCRIPTION
44+50	11.0 RT	Edge Rd top of bank
"	11.0 Lt	" " Toe of Cut
45+00	13.0 RT	" " top of bank
"	9.0 Lt	" " toe of Cut
45+50	13.5 RT	" " Top of bank
"	7.0 Lt	" " toe of Cut
46+04.74 P.I.#121	16.5 RT	" " top of bank on split of Angle
"	5.0 Lt	" " Toe of Cut
46+60	9.0 RT	" " top of bank
"	12.0 Lt	" " Toe of Cut
46+92	11.5 RT	℄ 3' Cobble stone Drain
47+50	16.5 RT	edge Rd top of bank
"	6.5 Lt	" " Toe of Cut
48+00	13.0 RT	" " top of bank
"	9.8 Lt	" " toe of Cut
48+50	13.0 RT	" " top of bank
"	11.5 Lt	" " toe of Cut
48+99.52 P.I.#122	18.0 RT	" " top of bank on split of Angle
	5.5 Lt	" " Toe of Cut
49+00	4.0 RT	" " top of bank
	17.8 Lt	" "
49+81	4.0 RT	℄ 4' Cobble stone Drain
49+82	18.0 Lt	W. edge Mac. Drwy.
50+04	16.5 Lt	E. " " "

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Notes Ck'd by	Survey of TUNA CYN ROAD	F. B. 3108 PG. 139
Map No.	JN 2215.14 Tape 191 Std 84 °F	
Office Work	Surveyed by W. S. COWHERD	
Checked	Notes W.S.C Date 2-14-63	
Date	Indexed C. J. GALLI MAR 4 63	

LOCATION OF EXISTING 6" WATER LINE IN 3' EASEMENT FROM STA 7+68.60 PAGE 119 TO STA 13+22.29 PAGE #121 AND PROFILE OVER ℄ EASEMENT

JN 2215.14
FEB 63

REFERENCE
FB 3108-119 TO 121

PARTY
W. S. COWHERD
CADAMS
R. STRADER
R. CESTLOW

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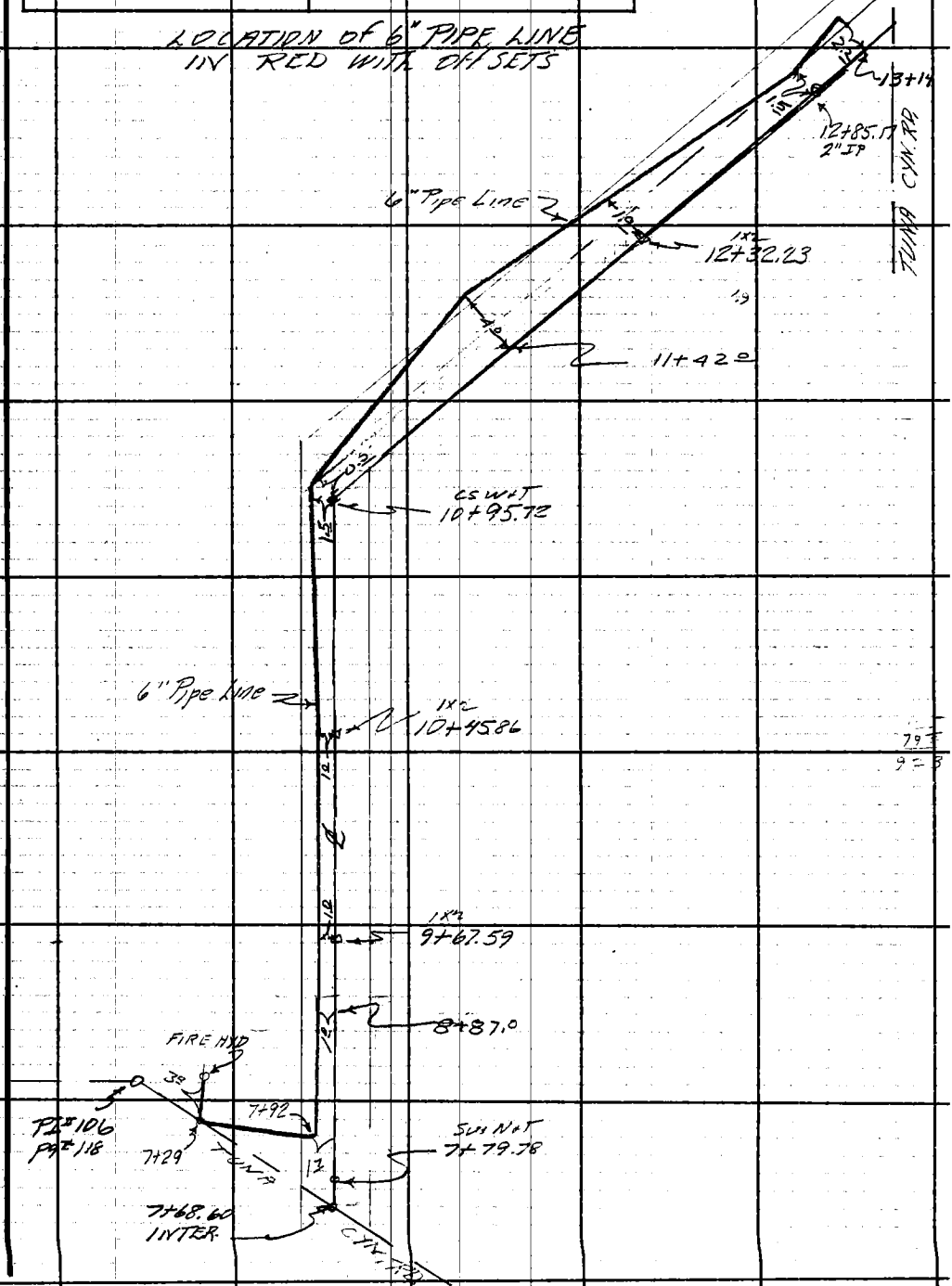
7 6F3095 CE # 310 3-61

Notes Ck'd by	Survey of TUNA CYN RD
Map No.	JN 2215.11 Tape 191 Std 54 °F
Office Work	Surveyed by W. S. Cowhead
Checked	Notes C. Adams Date
Date	Indexed C. J. GALLI

F. B. 310 PG. 141

PI# 111 pg# 121

LOCATION of 6" PIPE LINE IN RED WITH OFFSETS



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7 6F309S CE # 310 3-61

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
					T.B.M. Elev = 1744.064 set 1½" IP on 45° ∠ in	
TBM	101	174507		1744.06	Top of 6" conc. Wall at Tunnel Reservoir Entrance	
T.P.	001	173298	1210	173297	West side. Per FB 3108-21 set Sur. nail	
"	107	172220	1185	172113	" " "	
"	007	171049	1187	171033	" " "	
"	017	169910	1147	169893	" " "	
"	178	169092	996	168914	Fd. Sur nail & t.	
"	502	168625	969	168123	" " " "	
7 +86.69			530	168095	Inter & Tuna Cyn.	Rd & ℄ of Easement
7 + 80.8			386	168239	edge pvt.	
7 + 83 ○			22	168411	Top of burm	
T.P.	080	167535	1170	167455	set 1 x 2	
8 + 15 ○			8.0	166674	Gr. break	
T.P.	034	166445	1124	166411	set 1 x 2	
8 + 37 ○			50	165955	Gr. break	
8 + 52 ○			89	165566	bot. of swale	
8 + 87 ○			50	165955	Top of Ridge	
9 + 22 ○			129	165166	Gr. break	
T.P.	055	165325	1175	165278	set 1 x 2	
9+67.59			87	164466	side hill	
T.P.	037	164185	1177	164148	set 1 x 2	

Profile Notes Red ____ Plotted ____ Job No. 2315.4 Division No. 11 | F.B. 3178 Pg. 43
No. ____ Date ____ Date ____ Survey of TUNA CYN. RD
X-Sec. Notes Chkd. ____ Checked ____ Survey by H.S.C. Notes C.R. Date 2-13-63
No. ____ Date ____ Date ____ Map No. ____ Indexed G.L. GALL Date ____

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. ____
Job No. 2871 Notes C. EVANS Date ____
Survey of TUNA CYN ROAD
Survey by W.S.C.
Indexed J. GAIL

STATION	B.S.	H.I.	F.S.	ELEV.		
		164185				
10+00			42	16377	Gr. break	
10+27		✓	12.2	16297	side hill	
T.P.	029	162992	12.17	162968	set 1X2	
10+53±		✓	95	16209	Gr. break	
T.P.	053	161889	11 65	161827	set 1X2	
T.P.	072	160776	11 76	160709	" "	
10+91.7		✓	75	16003	Top of stone Cliff	
T.P.	008	159617	1167	159609	set 1X2	
± pt. 10+95.72			352	159265	side of stone cliff	Rd. C.S. w & T
10+99±		✓	107	15855	bot. of draw	
T.P.	021	158483	11 55	158462	set 1X2	
11+54			93	15755	bot of draw	
11+96			140	15708	" " "	
12+21			192	15706	side of draw	
12+32			119	15729	" " hill	
12+65		✓	96	15752	Top " "	
T.P.	093	157671	905	157578	set 1X2	
12+98			35	15732	Top of cut	
13+08			79	15688	edge Rd.	
13+22.29			745	156926	Inter. ℄ TUNA CYN RD. & S.ly Rt.wy. Eds	

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		157671				
T.P.	036	156739	968	156703	set sur. nail	
T.P.	347	155871	1215	155524	" " "	
T.B.M.			605	155266	T.B.M. S&W. in P.P. # 25742-Y Elev. 1552.651	
					Per FB 3108-~~22~~ 19	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.14 Division No. 11 F.B. 3108 PG. 145
Date ____ Date ____ Survey of TUNA CYN ROAD
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by W.S.C. Notes CA Date 2-13-63
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

Notes Ck'd by	Survey of SECTION LINES
Map No.	JN 23020 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 2-2063
Date	Indexed C. J. GALLI MAR 4 '63

F. B. 3108 PG. 145

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SECTION LINE TIES TO
TUNA CYN. ROAD IN
SECTIONS 24 & 13 T.1.S R.17.W

JN 0302.01
FEB 63

REFERENCE

PARTY
W.S COWHERD
C. ADAMS
R. STRADER
R. COSTJOW

Notes Ck'd by	Survey of SECTION LINES
Map No.	JN 030201 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COWHEND
Checked	Notes W.S.C. Date 2-15-63
Date	Indexed C. J. GAILL

F. B. 3108 PG. 149

BOT Pg # 150

NORTH BETWEEN SEC 24 & 19
T.1.S. R.17W. & R.16.W

T = 64°

40.76 @ 13-52 39.56 - 39.56
40.72 @ 13-38 = 39.56

39.56 LINE

S-3 = 7+30.74
Set 1x2
Top Ridge
Reset 2" I.P. Conc Plug
& LA Co Eng Tag
FB 3414-7
R.C.D.

SEC. 24 T.1.S. R.17W

SEC 19 T.1.S
R.16.W

620.53 SECTION

76.67 @ 13-17 T58 = 74.61
76.82 @ 13-45 T58 = 74.61 74.61
275.70 @ 25-54 T56 = 247.96
275.11 @ 25-38 T56 = 247.98 247.97
298.87 @ 4-20 T54 = 297.96
298.78 @ 4-08 T54 = 297.94 297.95
620.53

S-2 = 1+10.21
Set 1x2
Top low spur

61.34 TRUE

S-1 = 0+48.87
Set 1x2 side hill
Reset 1" I.P. Conc plug
& LA Co Eng Tag
FB 3414-7
RCD

61.35 @ 0-0 T54 = 61.34

1/4 COR
Fd CS MON.
MKD as shown
Per FB 111-110-119

0+00

T = 54
52.73 @ 22-02 = 48.87
52.97 @ 22-40 = 48.87 - 48.87

48.87

COUNTY SURVEY
1/4 COR
R.17W SEC 24 SEC 19
T.1.S.
MONUMENT

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M.S. 89 C-4

151

Notes Ck'd by	Survey of SECTION LINES
Map No.	JN 0302.01 Tape 191 Std 84 °F
Office Work	Surveyed by W. S. COWHERD
Checked	Notes W.S.C Date 2-15-63
Date	Indexed

F. B. 3108 PG. ~~149~~

BOT Pg 152

T=56

51.48 @ 0-0 = 51.47 — 51.47

77.80 @ 10-10 = 76.57 — 76.57

77.92 @ 10-37 = 76.58

290.55 @ 5-20 = 289.24 — 289.25

290.71 @ 5-39 = 289.26

226.72 @ 20-00 = 213.01 — 213.00

226.57 @ 19-54 = 213.00

89.41 @ 0-0 = 89.39 — 89.39

58.78 @ 0-0 = 58.77 — 58.77

778.45

778.45

18+17.13

INTER

Set BT SPK W/T PL by Inter ℄ TUNA CYN ROAD SEE Pg# 123

Replaced with Bt Spk, W.&T. in Conc Set in Sandstone-DnB' 5/63 RCB

℄ TUNA

PI#114

1X2 TK Flush per FB3108-123

114° 43' 50"

CYN ROAD SEE Pg# 123

PI#113

Bt Spk & W FB3108-122

126.24

S-7=16+90.89

Set 1X2 side hill

472.25

T-58

132.08 @ 17-04 = 126.24 — 126.24

131.97 @ 16-55 = 126.24

W.S. 89 C-4

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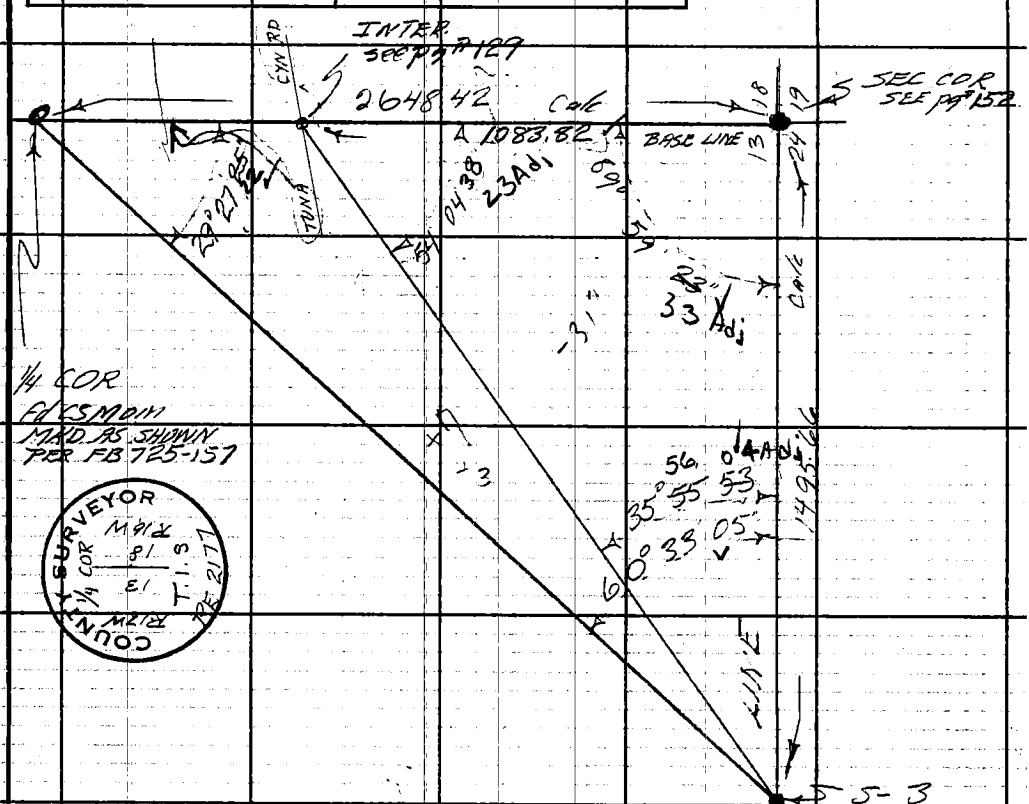
TOP Pg 150

Notes Ck'd by	Survey of SECTION LINES
Map No.	JN 0302 01 Tape 191 Std 84 °F
Office Work	Surveyed by W.S. COWHERD
Checked	Notes W.S.C Date 2-19-63
Date	Indexed G. J. GALLI

F. B. 3108 PG. ~~151~~ 153



(1) 60 33 00	(1) 35 55 50	(1) 29 27 20
(4) 242 12 20	(4) 143 43 40	(4) 117 49 40
(6) 363 18 30	(6) 215 35 20	(6) 176 44 30
60 33 05	35 55 53	29 27 25

49.46 @ 0-0 T70 = 49.46 — 49.46
291.22 @ 14-15 T68 = 282.23 — 282.22
291.55 @ 14-31 T68 = 282.21
331.68

T70

281.66 @ 5-42 = 280.24 — 280.23
281.71 @ 5-50 = 280.22
114.07 @ 15-52 = 109.71 — 109.71
113.92 @ 15-36 = 109.71 — 30.71
30.71 @ 0-0 = 30.71
420.65

SECTION
331.68
S-2
Set 3/4" ID
+ Cap up 3"
Top of spur
TRUE
420.65

W.S. 84 C.3

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76F309S CE # 310 3-61

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

Survey of FERNWOOD RESERVOIR SITE #1
JN 5294.01 Tape 191 Std 21 °F
Surveyed by W. S. CONHERD
Notes W. S. C. Date 2-27-63
Indexed R. J. GALLI MAR 4 '63

F. B. 310 P Pg. 159

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W.S. 89 C-3

76F309S CE # 310 3-61

96.34 @ 14-33 T 80 = 93.25 = 93.25
96.45 @ 14-48 T 80 = 93.25
46.10 @ 15-08 T 74 = 44.50 = 44.50
46.04 @ 14-54 T 74 = 44.49
137.75

137.75

164° 22' 47" 90.00 Rt

PT Opp #160

(1) 164 22 50
(4) 297 31 10
(6) 266 16 45
164 22 47

COUNTY ENGINEER 6985 R.E.

FERNWOOD RESERVOIR SITE #1

PROP COR #5 Brass Cap MON MKD COR #5 up 3"

REMOVED PINS 3-25-64 W.S.C

PROP COR #6 Brass Cap MON MKD COR #6 up 3"

PI #126 see pg #7

PROP COR #5 CT Brass Cap MON MKD #5 up 4" SET 28.74 from P.C. 3-25-64

146.55

133° 56' 38"

"NOTE"
L.A.CO. ENGRS BRASS CAP MONS SET AT ALL PROP COR'S EXCEPT COR #7 DUE TO THE FACT IT FELL ON TOP OF SAND STONE CUT BANK

PROP COR #7 SET 1" IP cone plug "ENGRS TAG UP" on top of sandstone cut bank

PI #125 see pg #7

FERNWOOD DR.

BRAINUM DR.

(1) 133 56 40
(4) 175 43 30
(6) 93 59 50
133 56 38

TURNED 3-25-64 W.S.C

T 62
20.05 @ 15-20 = 19.34 = 19.34
20.16 @ 16-29 = 19.33
T-62
~~52.86 @ 19-22 = 49.38~~ 49.29
52.10 @ 18-34 = 49.38
24.84 @ 0-0 T 66 = 24.84

PROP COR #1 BRASS CAP MON MKD COR #1 up 4"

10' R/Sp #160

49.38

24.84 ALLEY

SET 1/2"

SET 1/2"

30'

224.21 Rec

141.93

(1) 75 52 30
(4) 303 30 00
(6) 55 15 00
75 52 30

(20) (20)

PI #124 Pg #7

PI #127 Pg #7

PACIFIC DR.

Notes Ck'd by	Survey of W. W. DIST. Nº 29
Map No.	JN 5297.87 Tape 0244 Std 68 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L.V.S. Date 3-26-65
Date	Indexed C. J. GALLI 4/21/65

F. B. 3108 PG. 161

WATERWORKS DISTRICT Nº29

J.N. 5297.87

FERNWOOD RESERVOIR SITE

CONSTRUCTION STAKING FOR WATER TANK.

MARCH 1965

PARTY

L.V. SMITH

J.M. MALDONADO

M.E. WACKER

E.M. GOSHORN

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76F309S CE #3100 6-62

Notes Ck'd by	Survey of W.W. DIST. Nº 29
Map No.	JN 5297.37 Tape 0244 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 7-25-65
Date	Indexed C. J. GALLI

F.B. 3108 PG. 163

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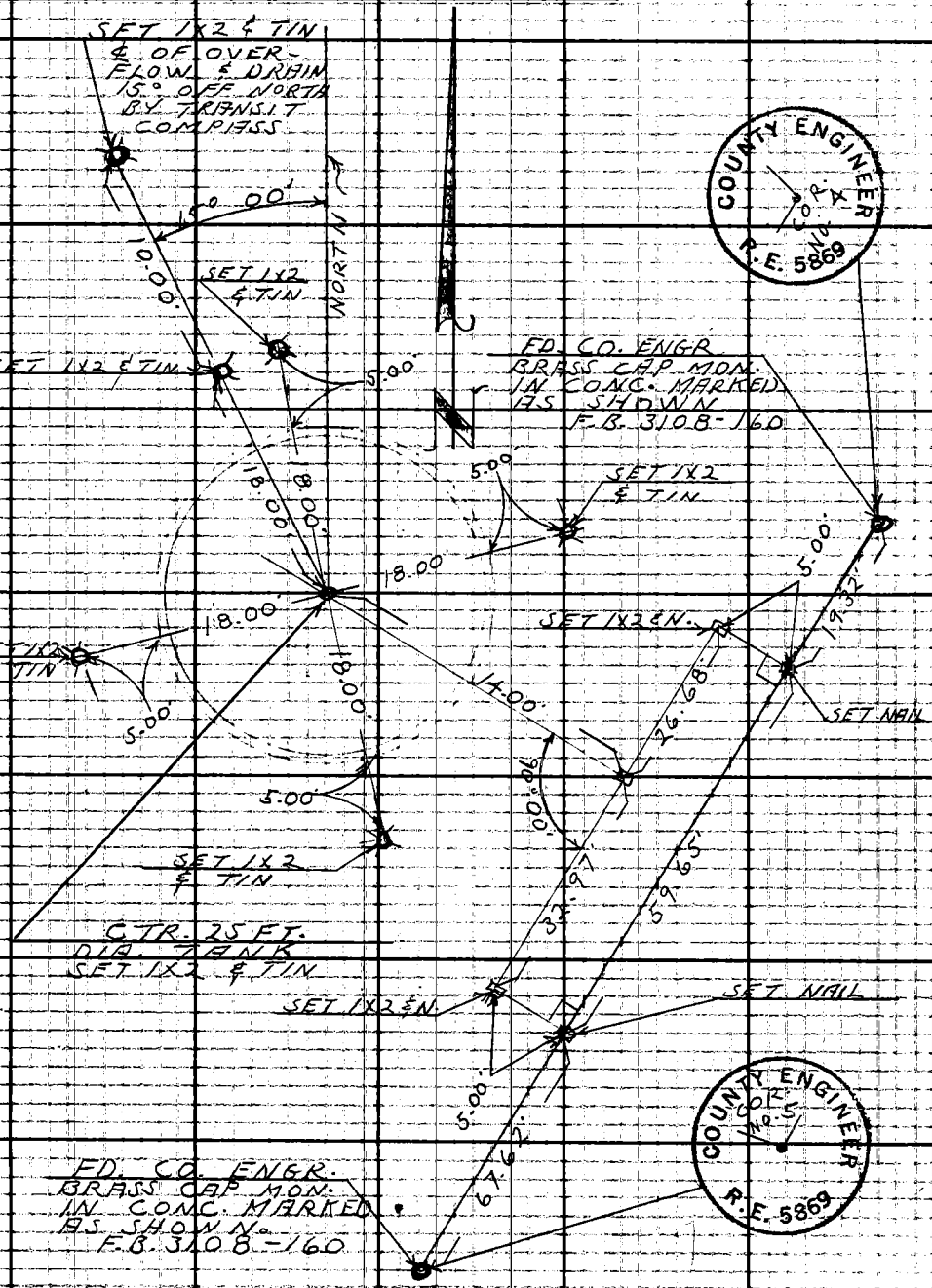
76F309S CE #310 6-62



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

Survey of VALLEY VIEW DR.
JN 2215.14 Tape 145 Std 84 °F
Surveyed by E.C. BOWERS
Notes RCB Date 1/63
Indexed P. J. GALLI FEB 2 8 '63

F. B. 3108 PG. 201

CENTERLINE RETRACEMENT
ON
VALLEY VIEW DRIVE

FERNWOOD PACIFIC
TO
HILLCREST DRIVE

J.N. 2215.14

JAN. 1963

REF

F.B. 826
F.B. 725
C.S.B. 1631-3

PARTY

BOWERS
SMILEY
DOVER
TINDELL

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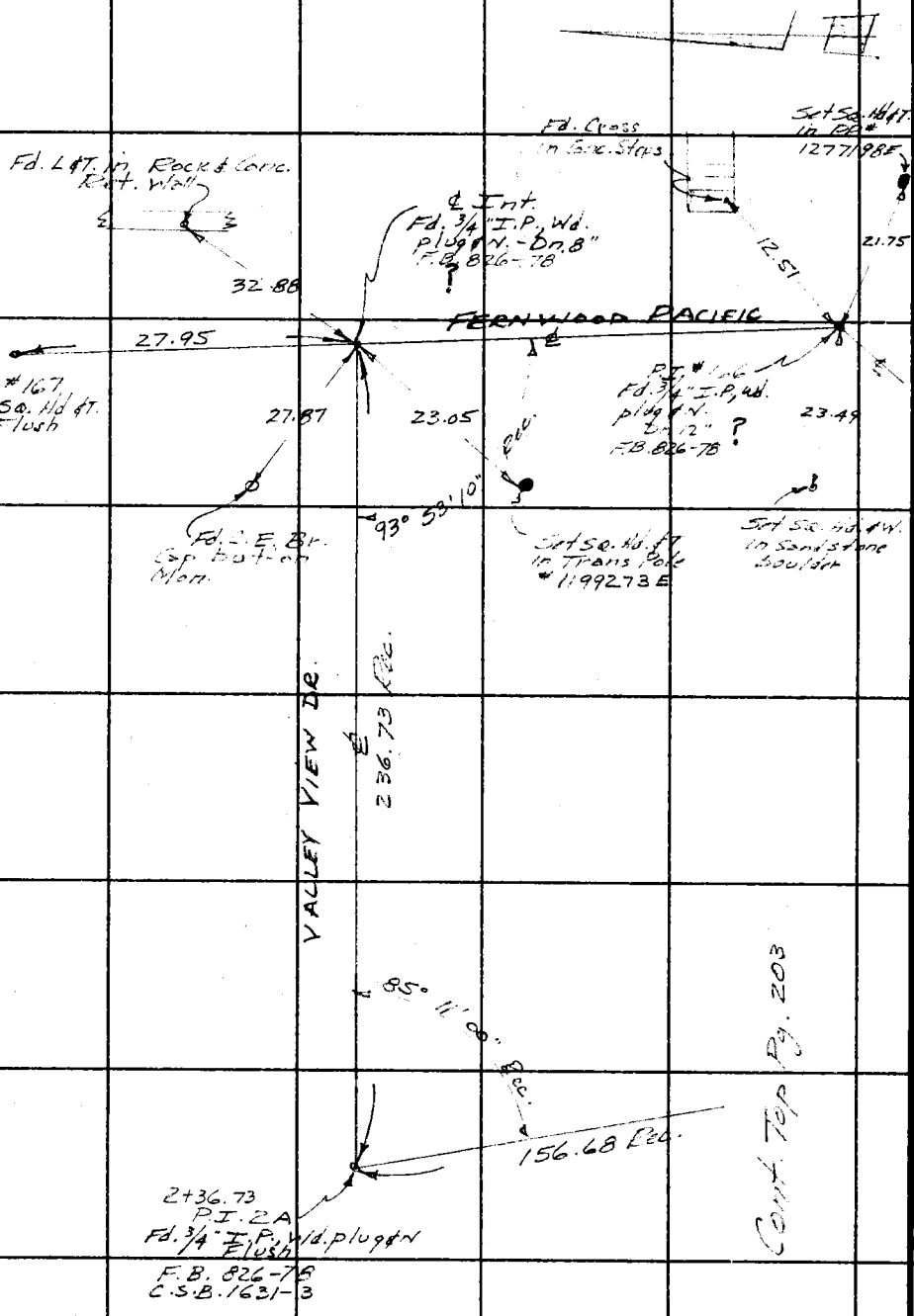
76F3095 CE # 310 3-61

F. B. 3108 PG 202



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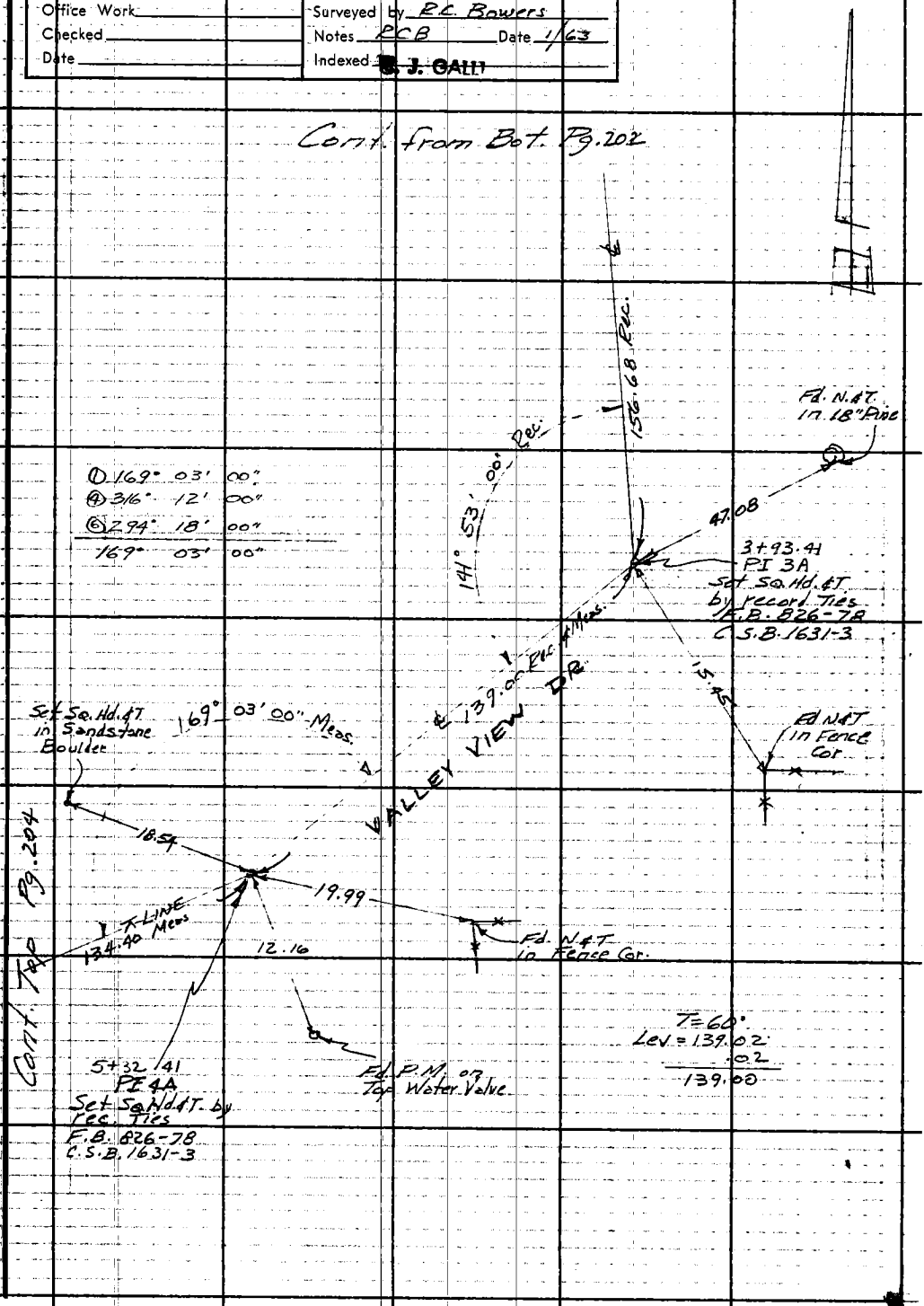
W. S. 89

C-3

Notes Ck'd by	Survey of VALLEY VIEW DR.	F. B. 3108 PG. 203
Map No.	JN 2215.14 Tape 145 Std 84° °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed [redacted] J. GALLI	

Cont. from Bot. Pg. 202



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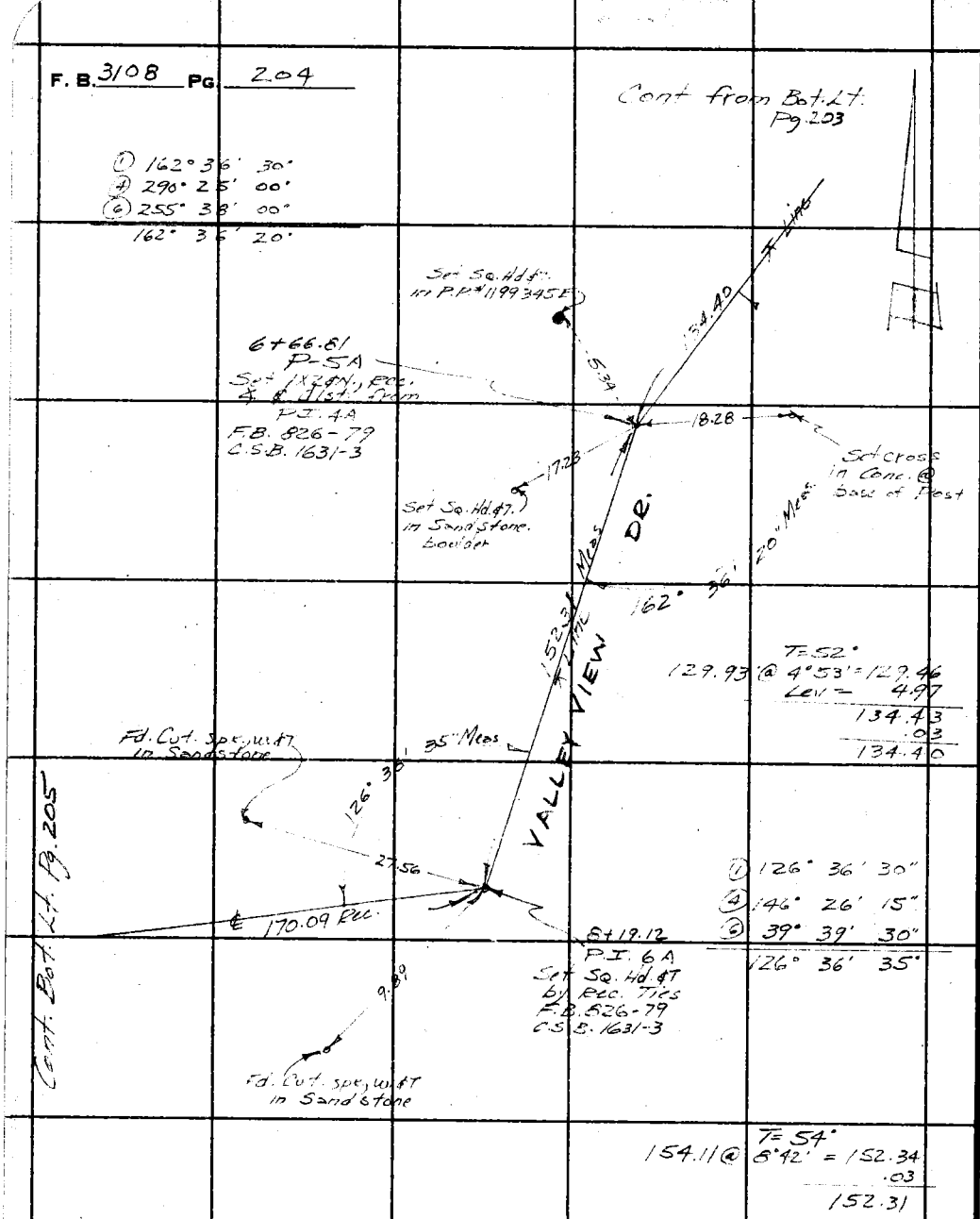
W.S. 89 C-3

76F309S CE # 310 3-61

F. B. 3108 PG. 204



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

Survey of VALLEY VIEW. DR.
JN 22157 14 Tape 145 Std 84 °F
Surveyed by R.C. BOWERS
Notes RCB Date 1/63
Indexed G. J. GALLI

F. B. 310P Pg. 205

Cont. Rt. Pg 206

138° 49' 50" Meas.

T Line 224.70 Meas.

Fd 2x2 L.S. Tag = 2.482

24.02

Set Cross on Top Copper 4" I.P

55.52

11.94

Int. of Survey LT

T Line Meas.

PI 9A = 13+44.94
Fd 3/4" I.P., wd. Plug in. - Dia. 8"
F.B. 826-72
C.S.B. 1631-3

20.68

Set Cross Top, end 18" C.I. Culvert

13+93.64

48.70

38.82

34.44

45.25

20.14

Set Sq. Hd. L.T. Trans. Pole # 958173E

P.-10A
Set WZEN, Rec. 4 & dist from PI 9A
F.B. 826-72
C.S.B. 1631-3

14+07.02

Set Bt. Spk. & T. in Sandstone

Fd ½" Hex drill rod

① 138° 49' 30"
④ 19° 19' 15"
② 112° 59' 00"
138° 49' 50"

① 80° 39' 00"
④ 3.22° 36' 00"
② 123° 54' 00"
80° 36' 00"

T = 56°
Lev = 13.38

T = 56°
Lev = 48.71
01
48.70

T = 56°
175.96 @ Lev = 175.96
04
175.92

① 153° 16' 00"
④ 25° 04' 00"
③ 199° 36' 00"
153° 16' 00"

T Line 175.92 Meas.

VALLEY VIEW DR.

153°

VISTA TE

Fd. B.T. spk & T. in Sandstone

8.87

11+69.02
P-8A
Set L.&T. in Sandstone Ledge, Rec. 4 & dist. from PI 7A
F.B. 826-72
C.S.B. 1631-3

11.40

Set Bt. Spk & T. in Sandstone

T = 54°
179.85 @ 4°30' = 179.30
Lev = 0.55
179.85
.09
179.81

T Line 179.81 Meas.

92° 02'

Set Sq. Hd. L.T. P.P.# 340226E

55° Meas.

38.73

Set Sq. Hd. L.T. on Top of Sandstone Boulder

18.90

170.09 Rec.

① 92° 03' 00"
④ 08° 11' 30"
⑥ 192° 17' 30"
92° 02' 55"

9+89.21
P.I. 7A
Fd. 3/4" I.P. wd. plug & T. Flush
F.B. 826-71
C.S.B. 1631-3

Cont. from Lt. Pg 204

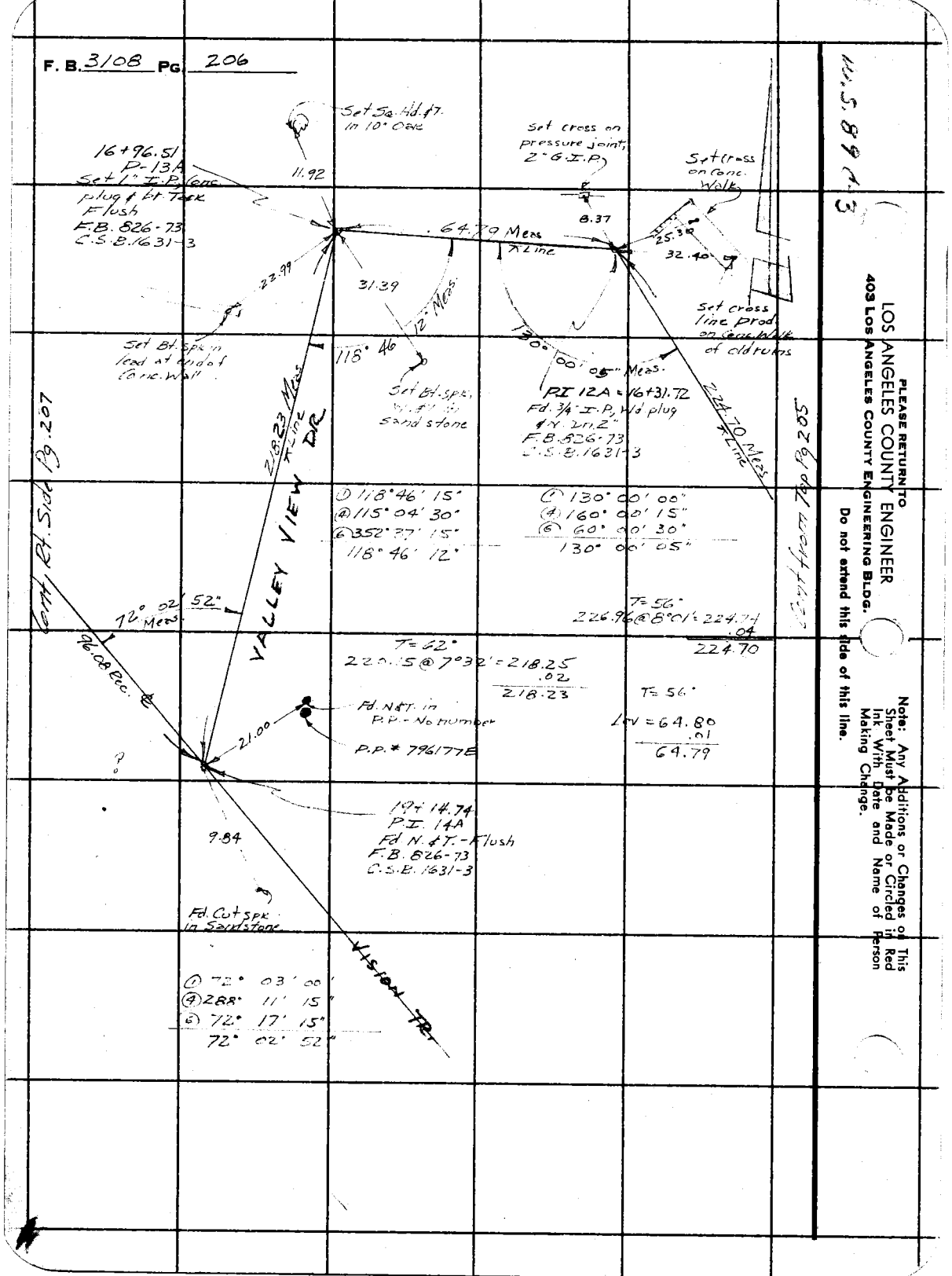
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE # 310 3-61

F. B. 3108 PG. 206



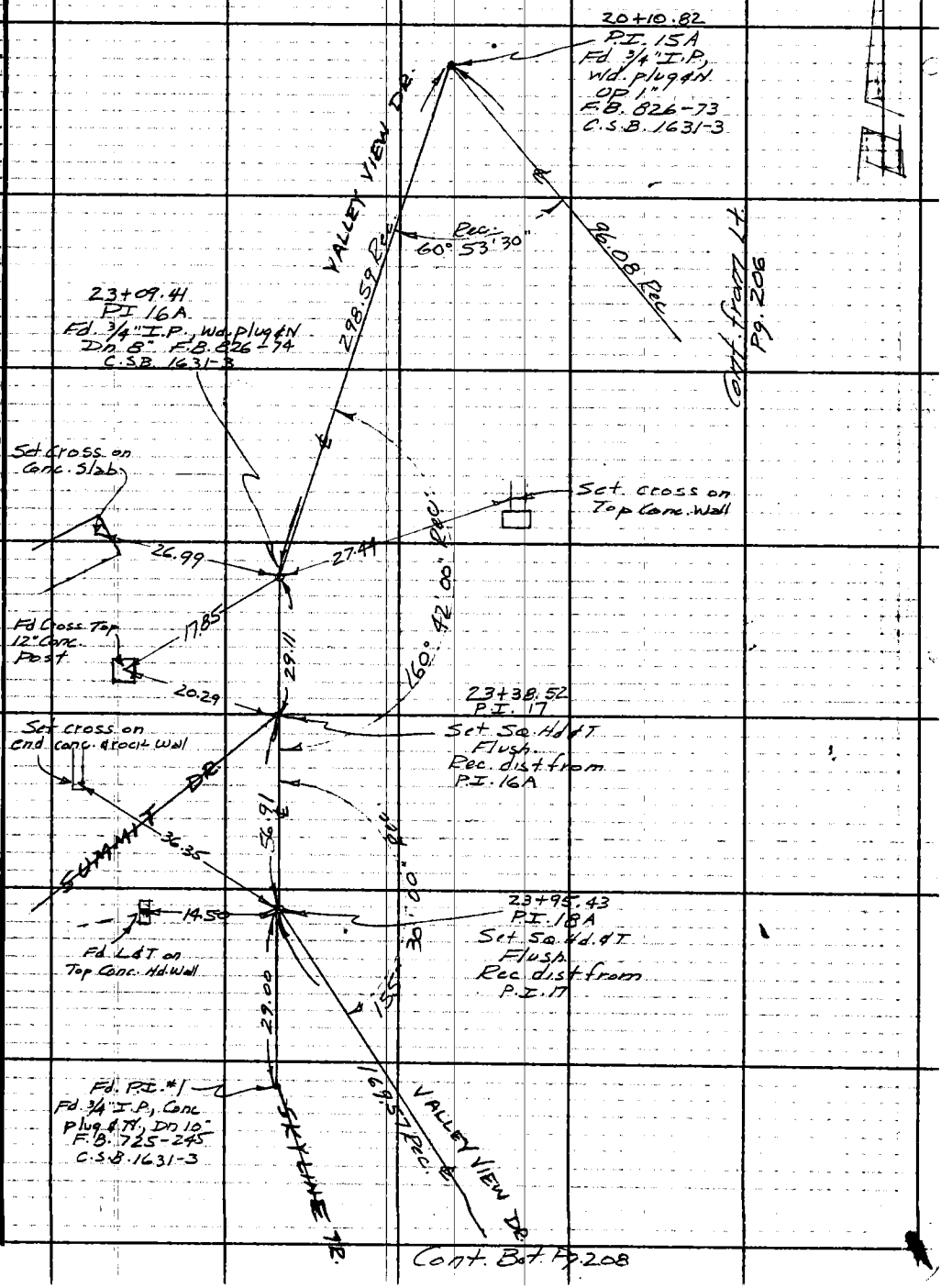
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of VALLEY VIEW DR.
Map No.	JN 2215.14 Tape 145 Std 84 °F
Office Work	Surveyed by R C BOWERS
Checked	Notes RCB Date 1/63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 207



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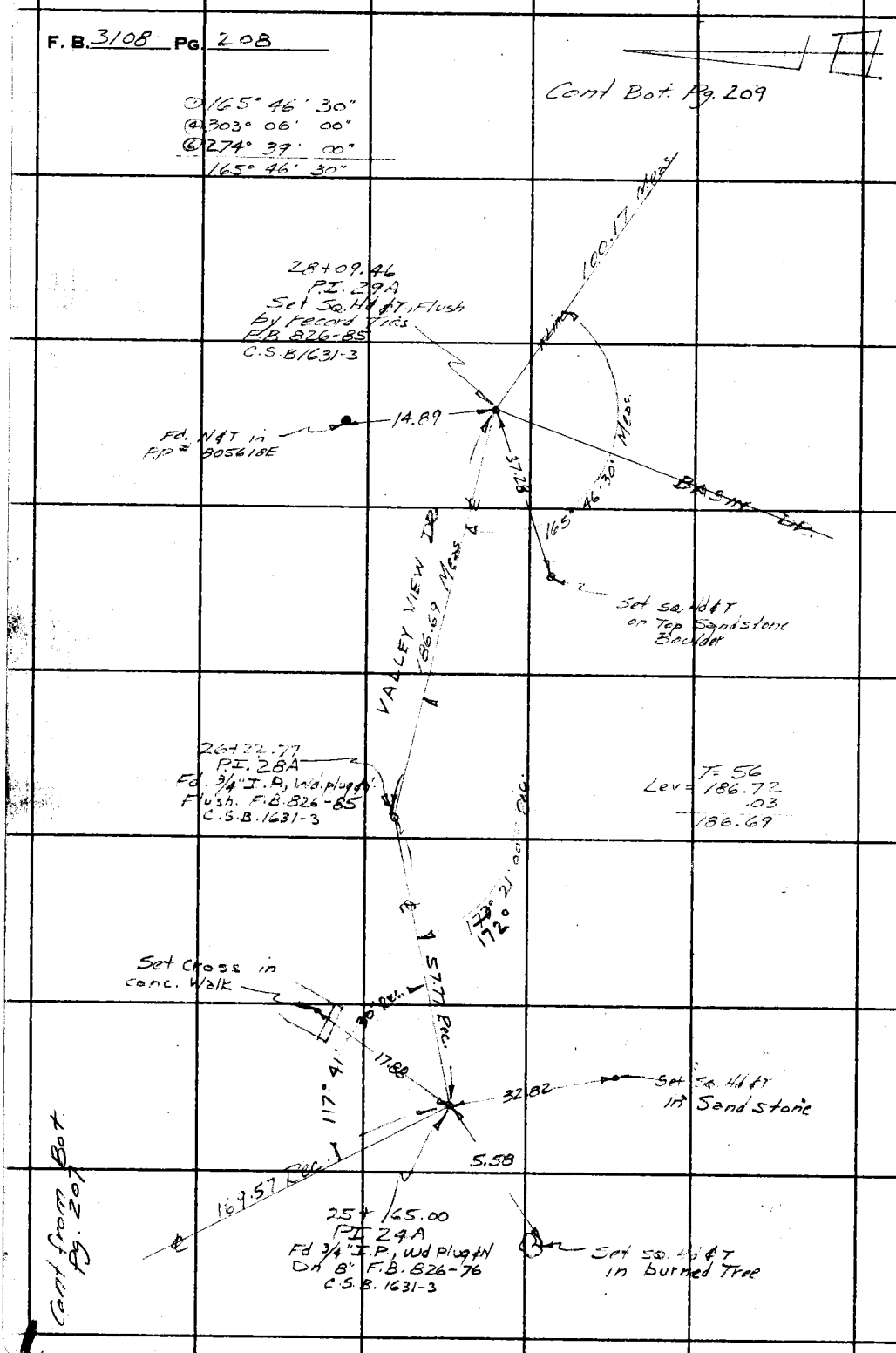
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76 F3095 CE # 310 3-61

F. B. 3108 PG. 208

Cont Bot. Pg. 209

W.S. 89 P.3



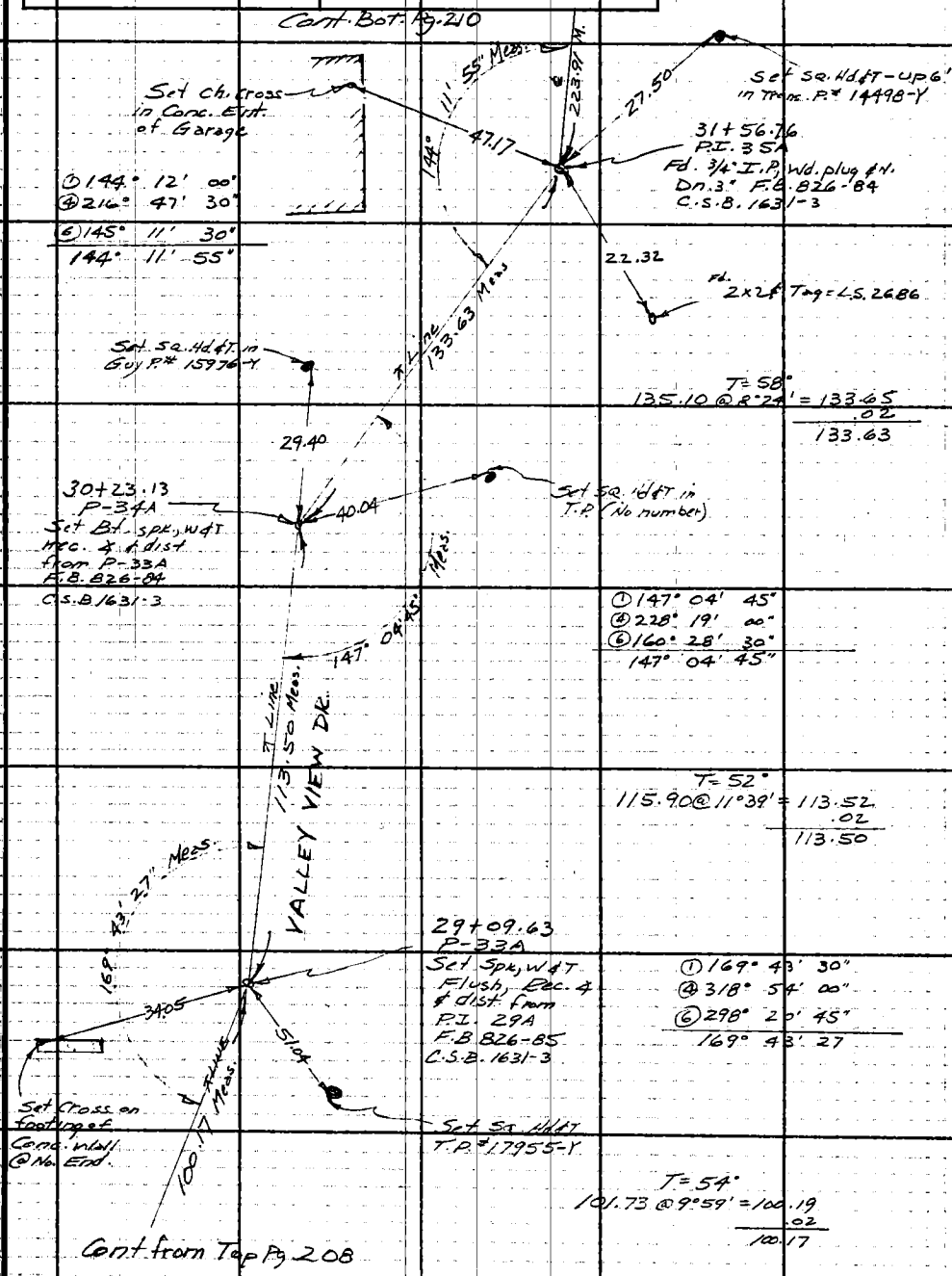
Cont from Bot. Pg. 207

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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of VALLEY VIEW DR.	F. B. 3108 PG. 209
Map No.	JN 221514 Tape 145 Std 84 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GALLI	



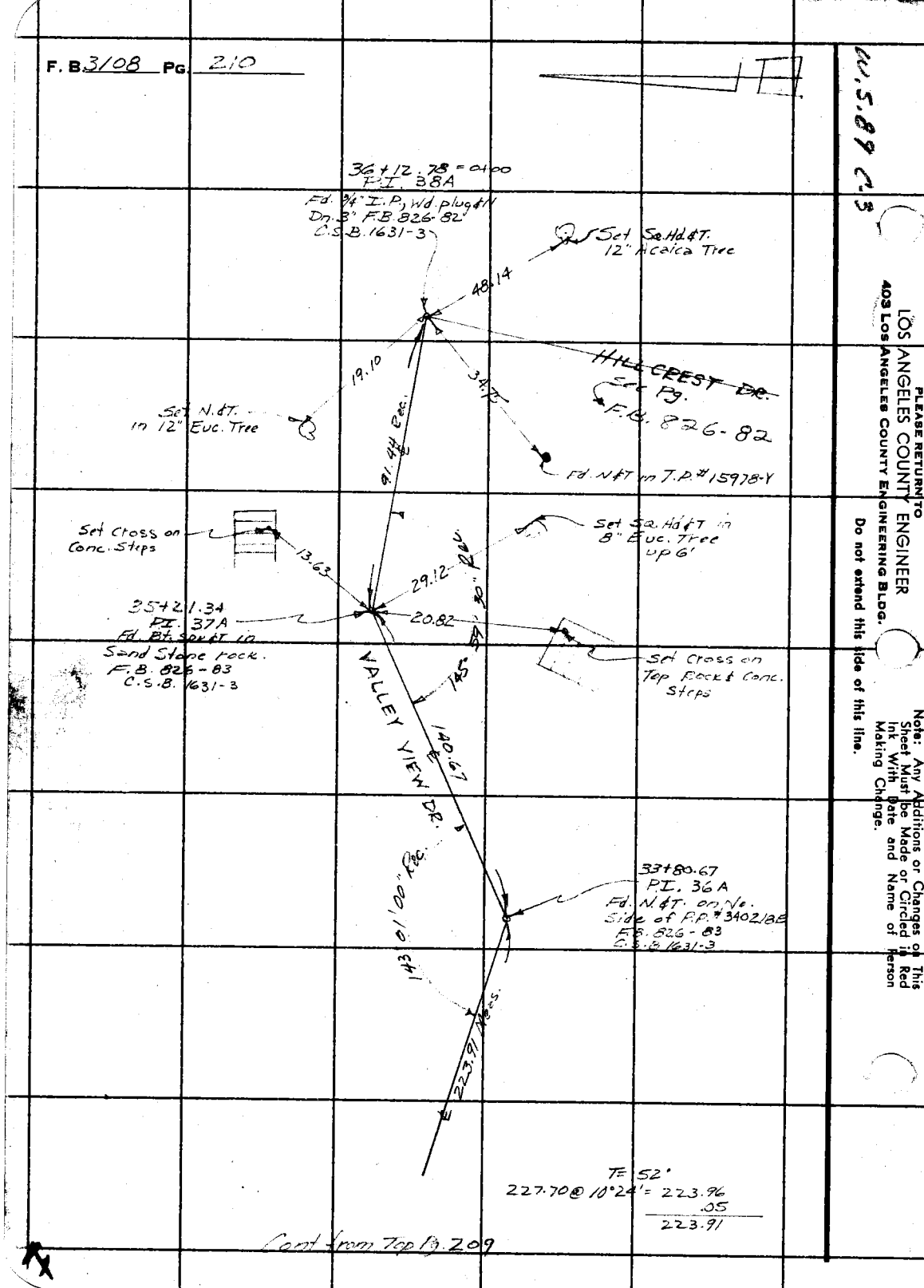
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

W.S. 89 C.3

76F309S CE # 310 3-61

F. B. 3108 Pg. 210



Cont from Top Pg. 209

W.S.89 C.3

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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of VALLEY VIEW DR.
Map No.	W.O. 2215.14 Tape No. St'd. °F
Office Work	Surveyed by E.C. BOWERS
Checked	Notes ECB Date 1/63
Date	Indexed C. J. GALLI FEB 2 8 '63

F. B. 3108 PG. 21

LOCATION OF IMPROVEMENTS ON VALLEY VIEW DRIVE

FERNWOOD PACIFIC

TO

HILLCREST DRIVE

J.N. 2215.14

JAN. 1963

REF.	PARTY
FB. 3108	BOWERS SMILEY DOVER TINDELL

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

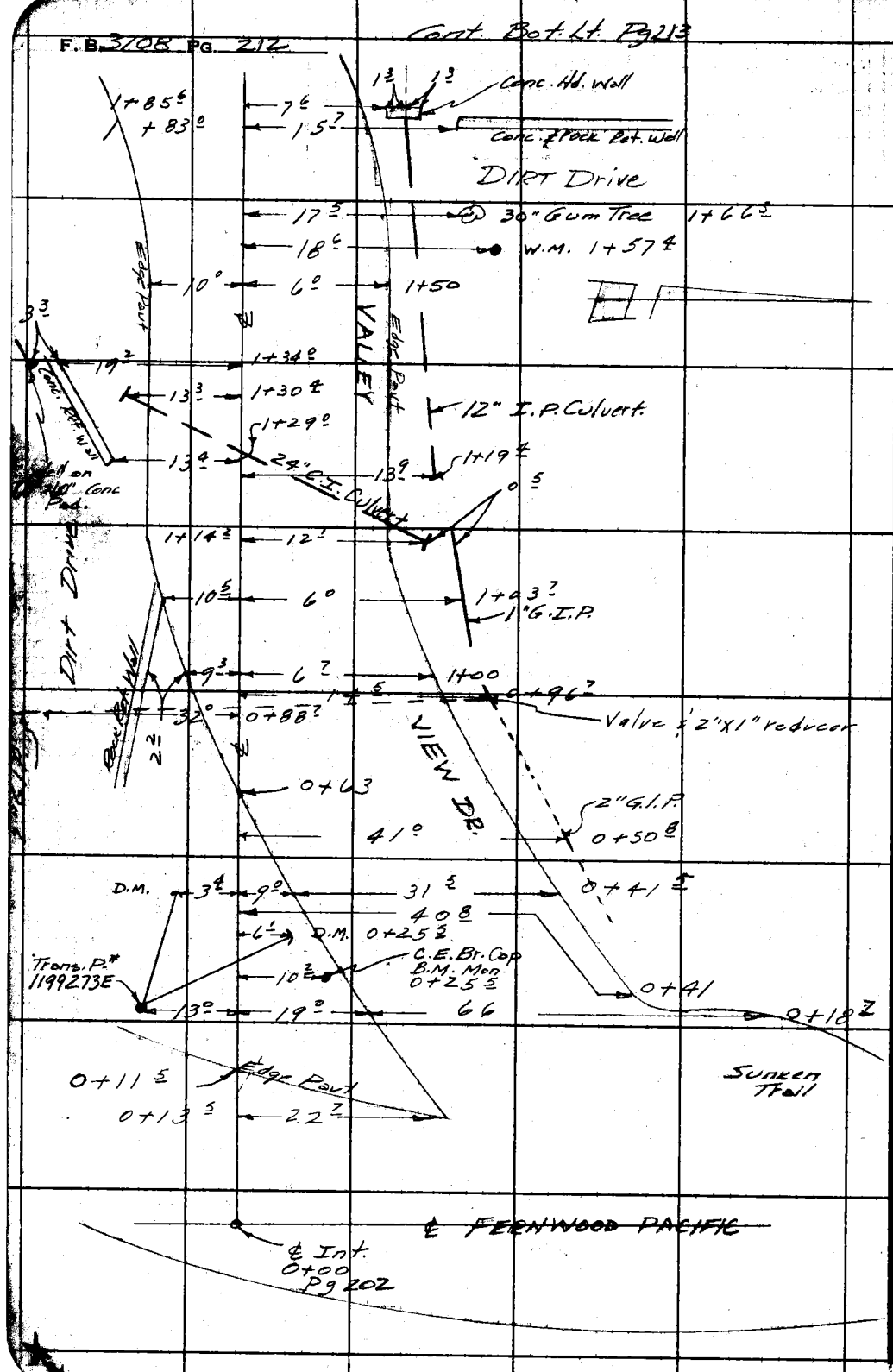
Do not extend notes this side of this line.

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

76F3095 247 2-51

F.B. 3108 PG. 212

Cont. Bot. Lt. Pg 213



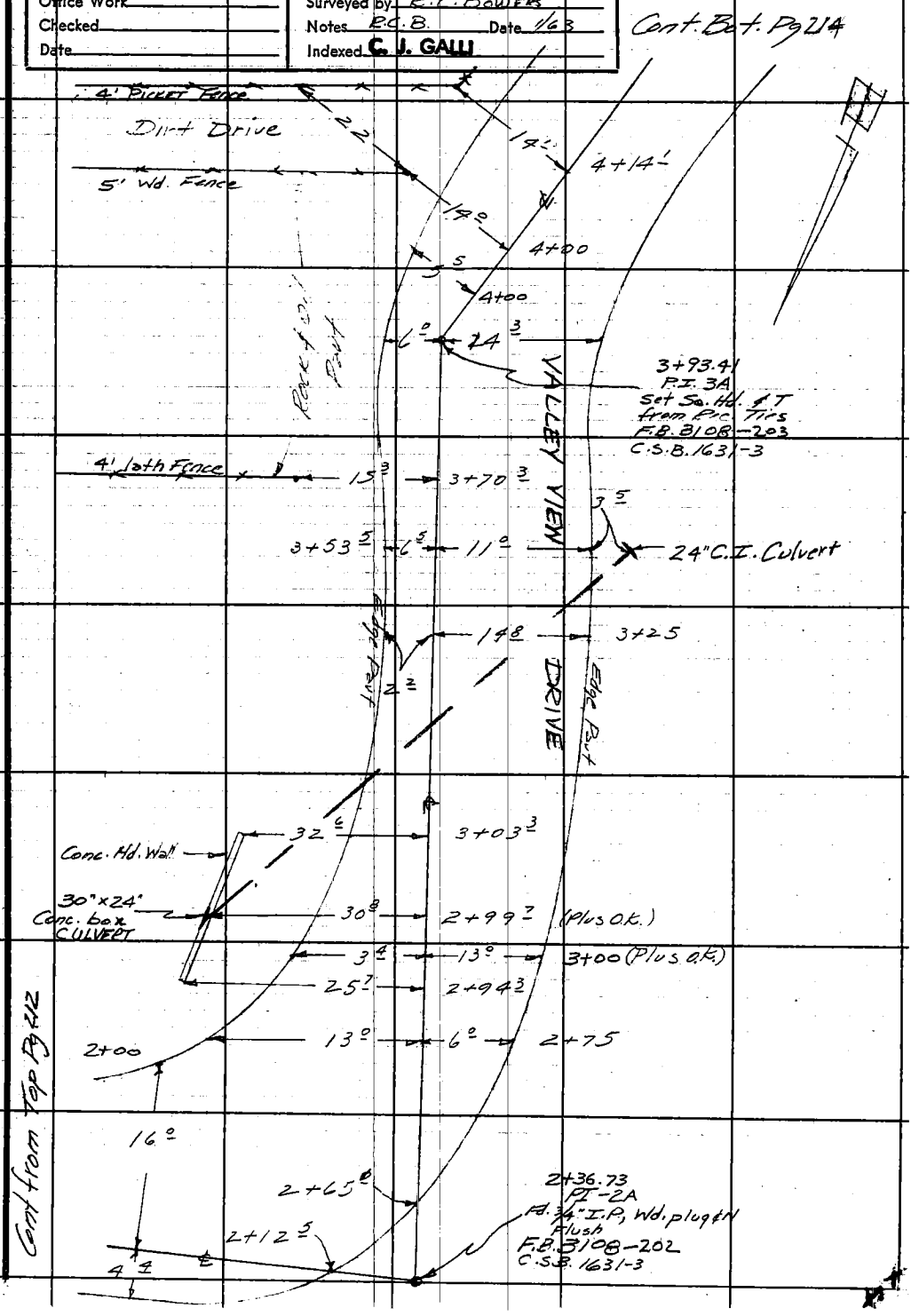
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes 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.

Notes Ck'd by	Survey of VALLEY VIEW DR.
Map No.	W. O. 2215.14 Tape No. St'd. °F
Office Work	Surveyed by R.C. BOWERS
Checked	Notes R.C.B. Date 1/63
Date	Indexed C. J. GALLI

F.B. 3108 PG. 213



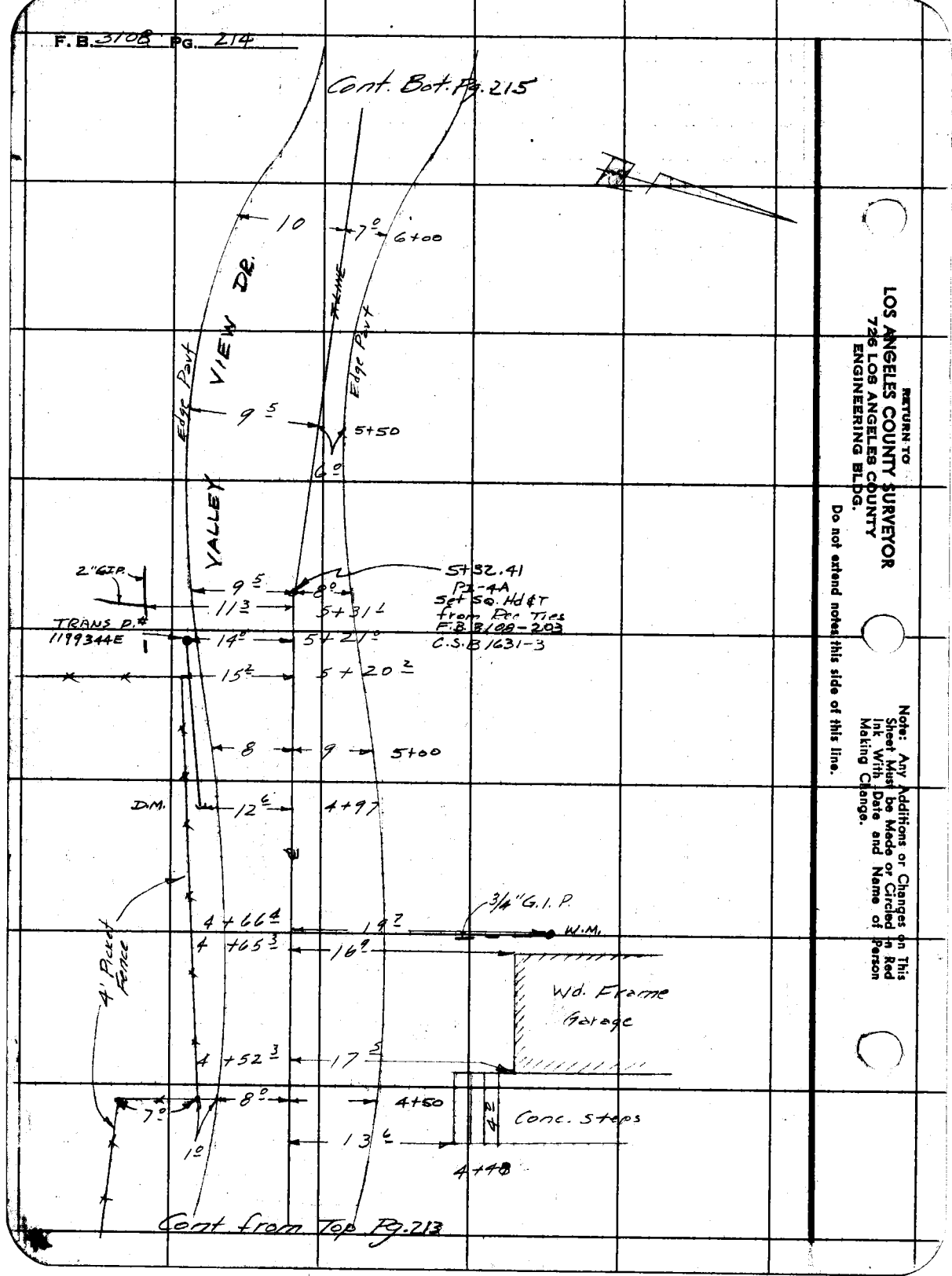
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S 247 2-51

F.B. 3108 PG. 214



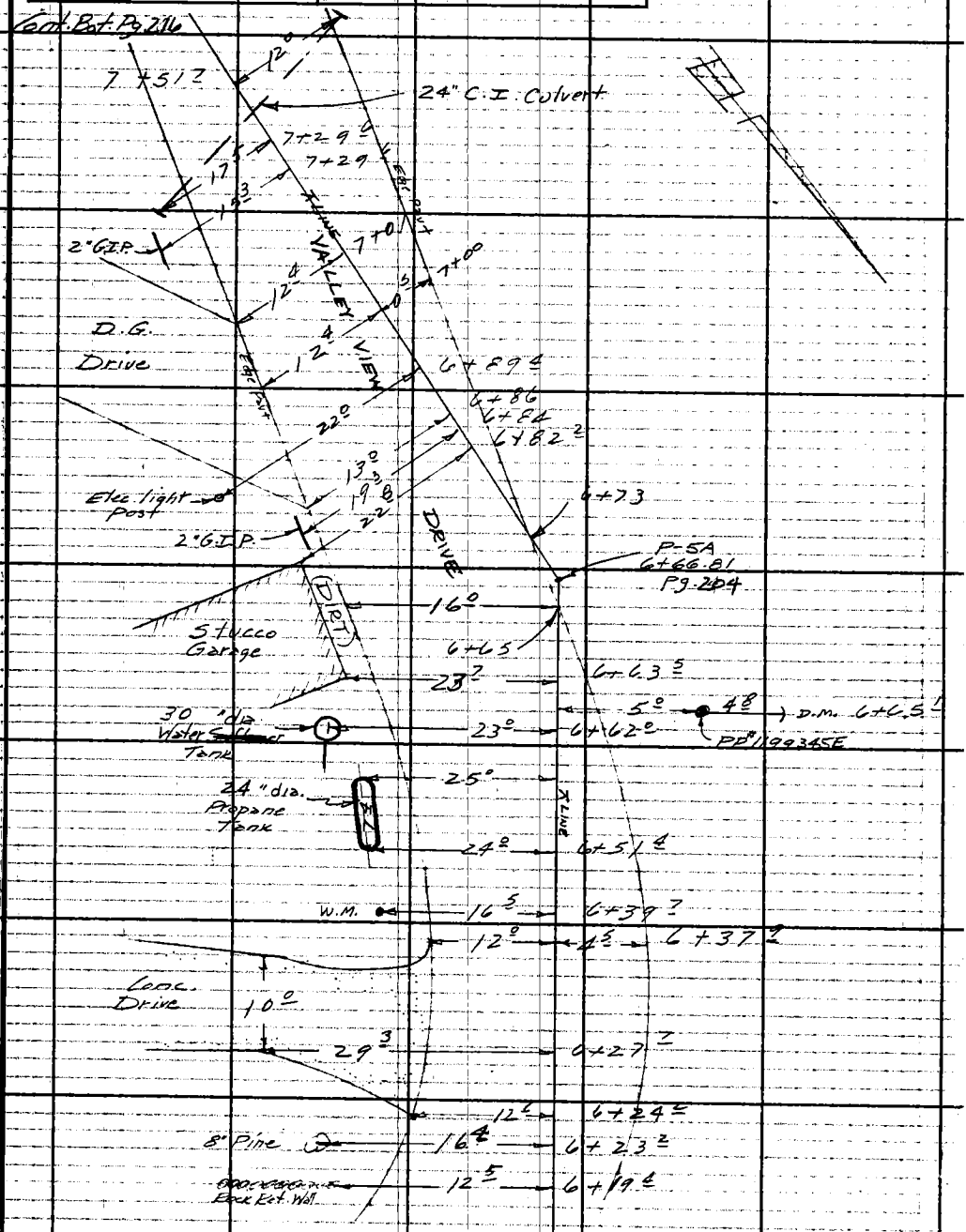
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes 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.

Notes Ck'd by	Survey of VALLEY VIEW DR.	F. B. 3801 PG. 215
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GALLI	

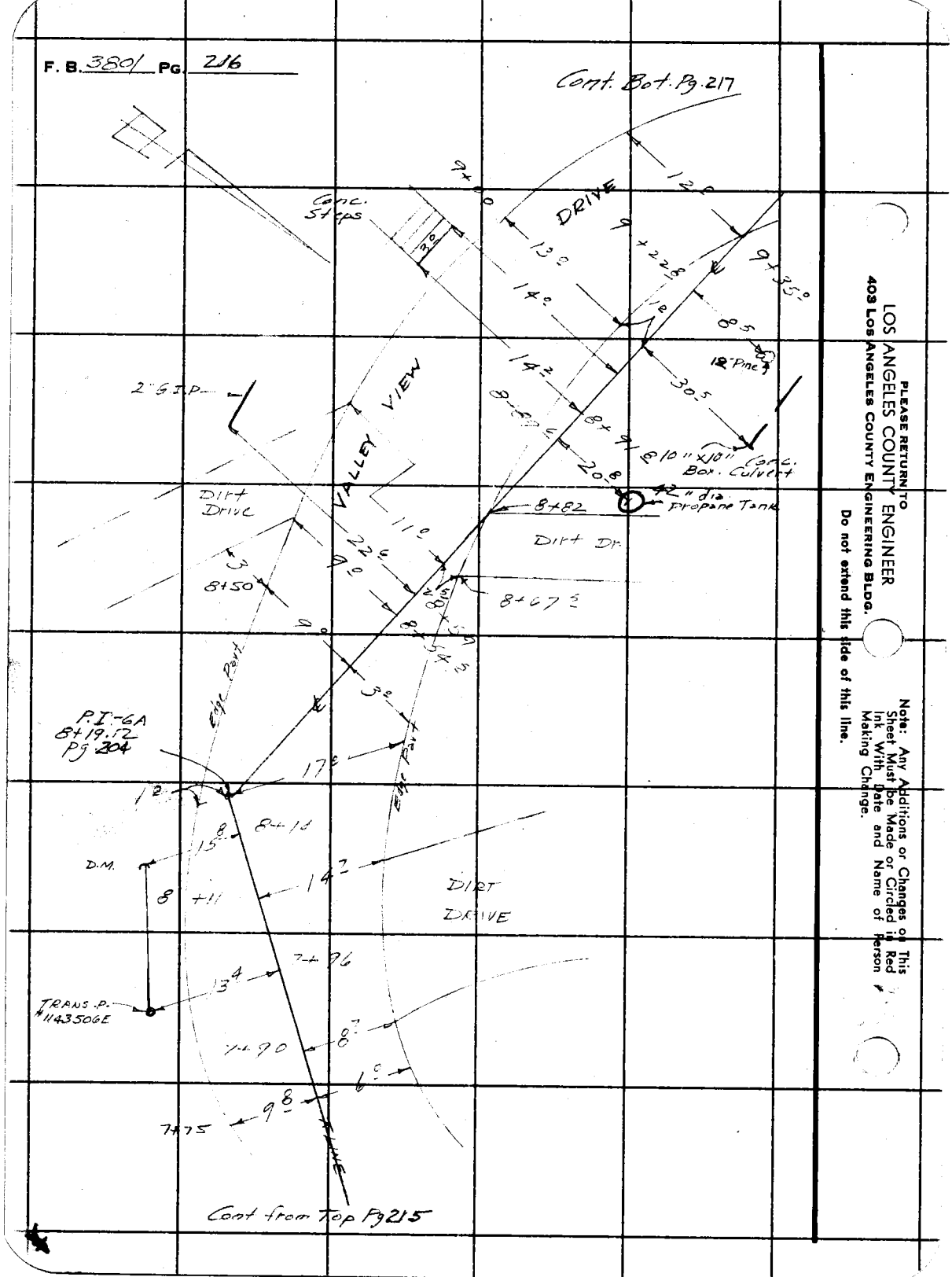
Cont. Bot. Pg. 216



Cont. from Top Pg. 214

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.
76F3095 CE # 310 3-61

F. B. 3801 PG. 216

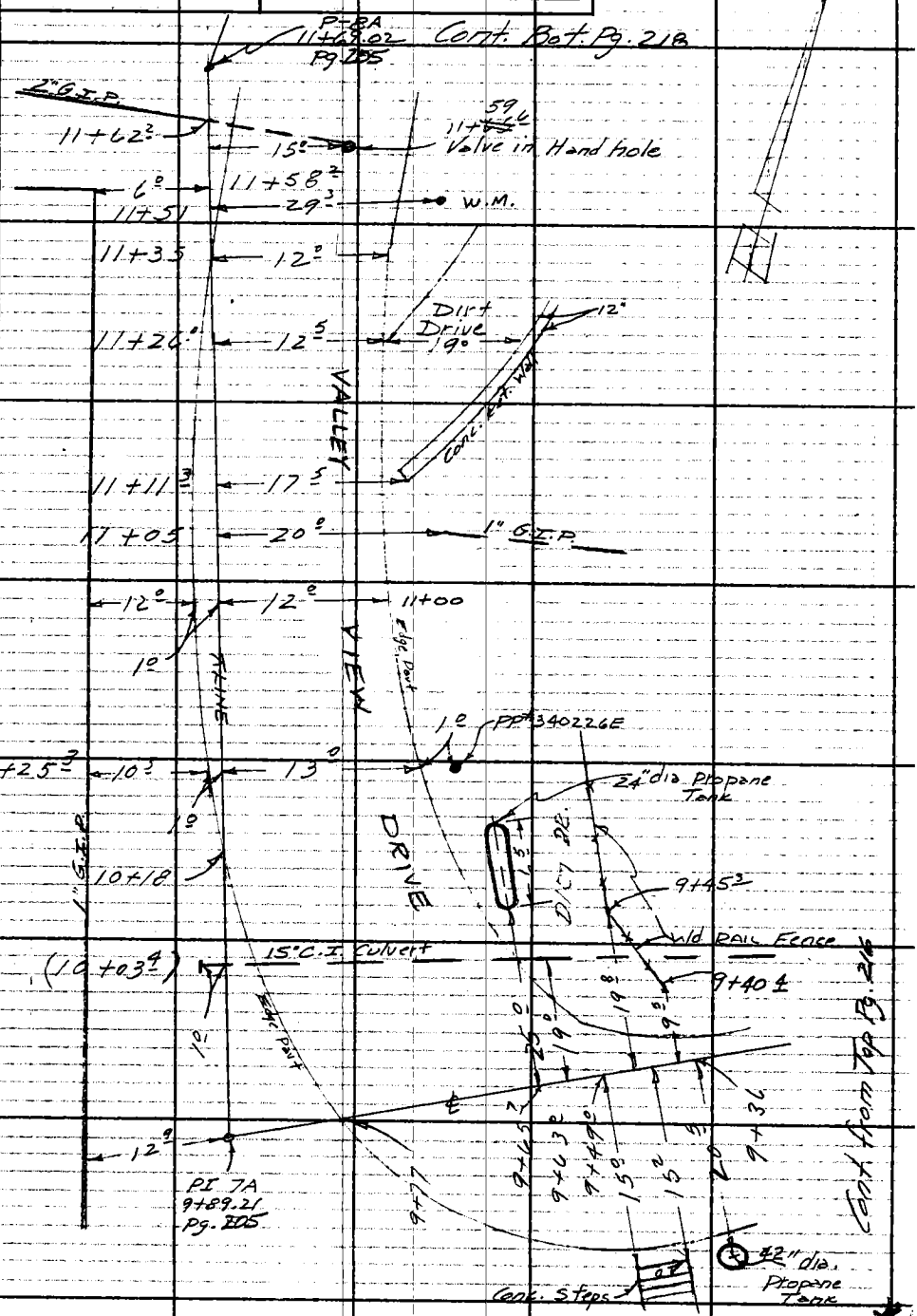


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of VALLEY VIEW DR.	F. B. 3108 PG. 217
Map No.	JN 2215 14 Tape Std °F	
Office Work	Surveyed by R. C. BOWERS	
Checked	Notes RCB Date 1/63	
Date	Indexed C. 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.

Do not extend this side of this line.

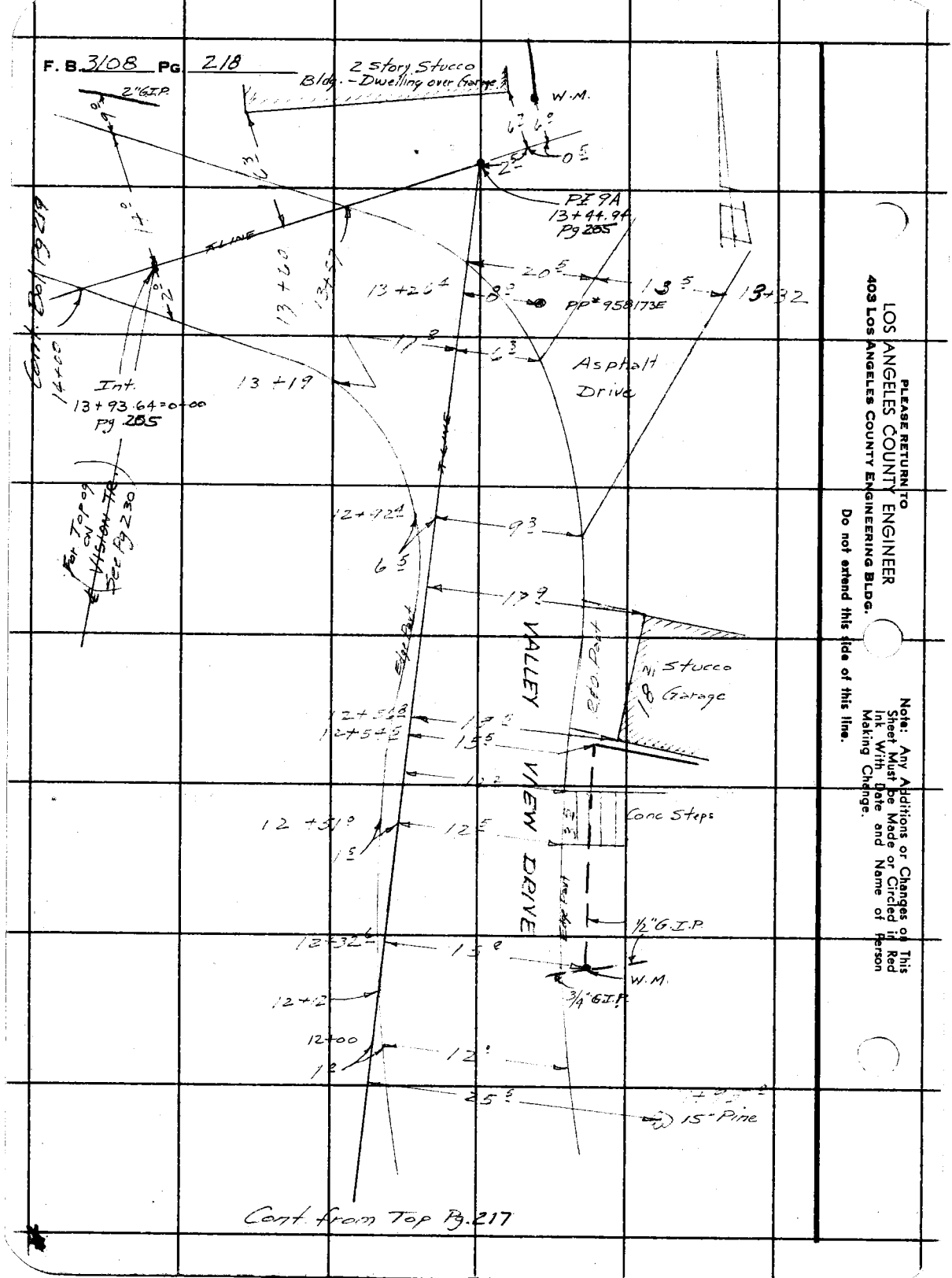
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

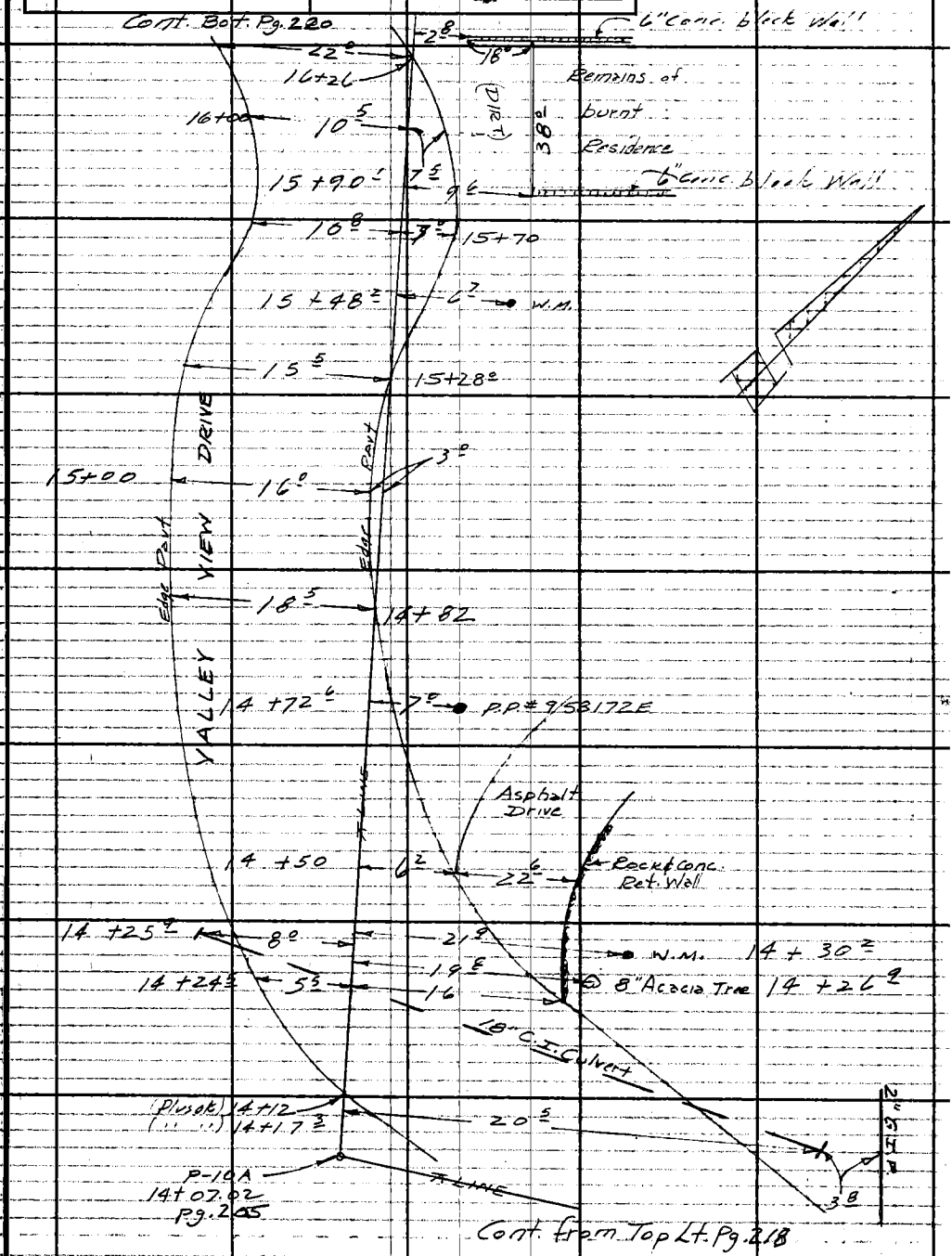
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

F. B. 3108 PG. 218



Notes Ck'd by	Survey of VALLEY VIEW DR.	F. B. 3108 PG. 219
Map No.	JN 2215 14 Tape Std °F	
Office Work	Surveyed by RC BOWERS	
Checked	Notes R.C.B. Date 1/63	
Date	Indexed C. J. GALLI	



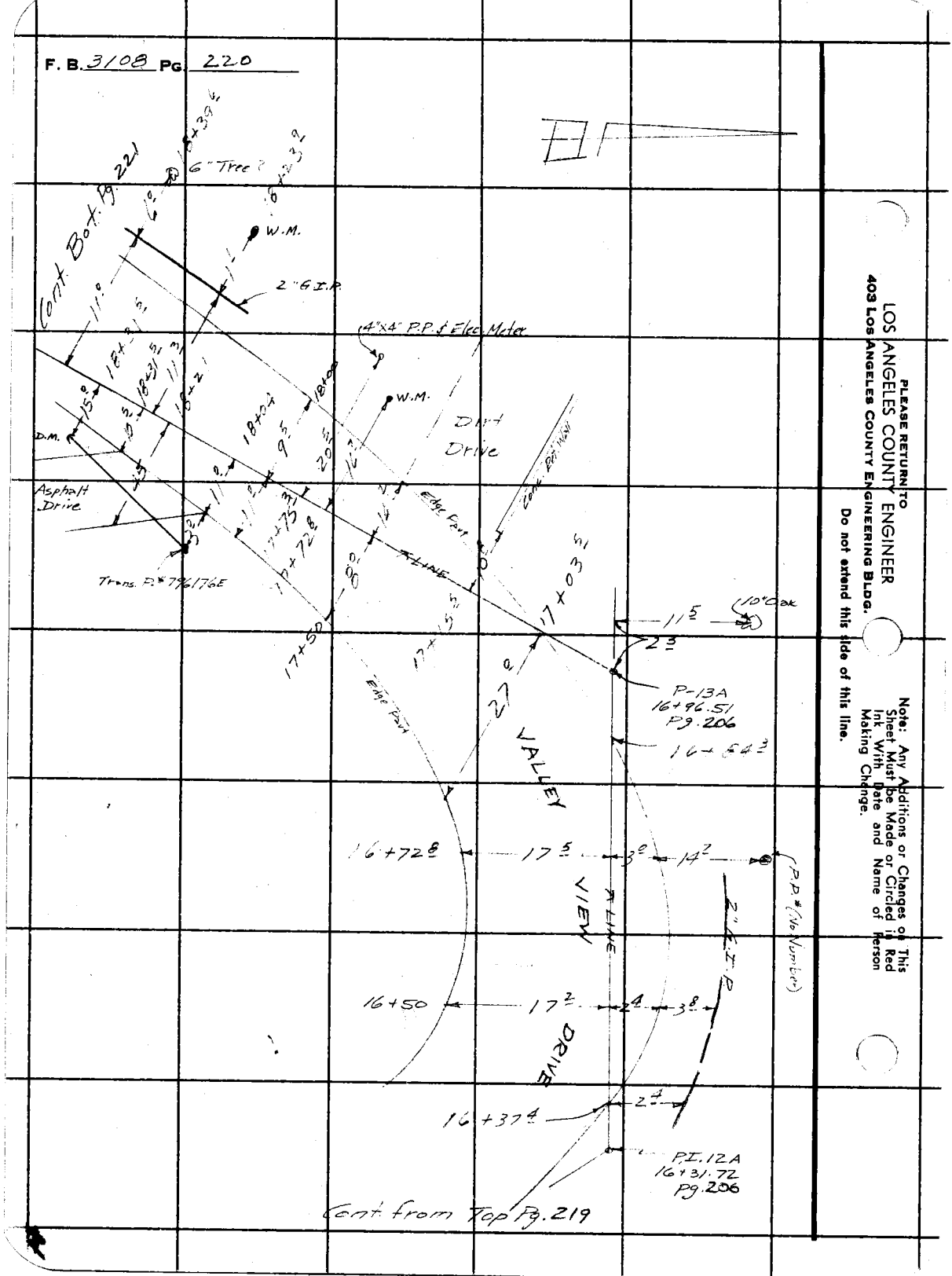
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE # 310 3-61

F. B. 3108 Pg. 220



PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.

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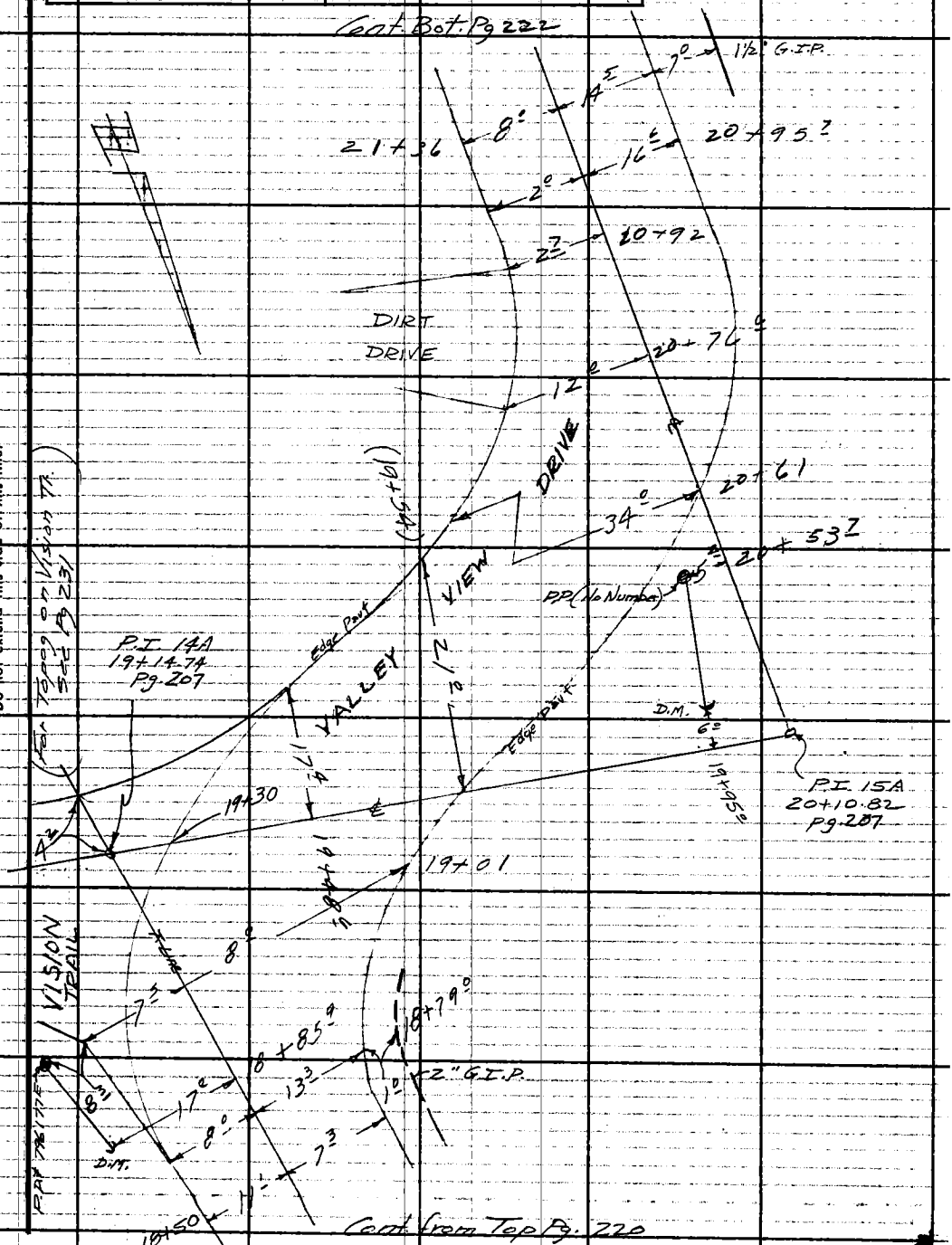
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of VALLEY VIEW DR.	F. B. 3108 PG. 221
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes RCR Date 1/63	
Date	Indexed C. J. GALLI	

Cont. Bot. Pg 222

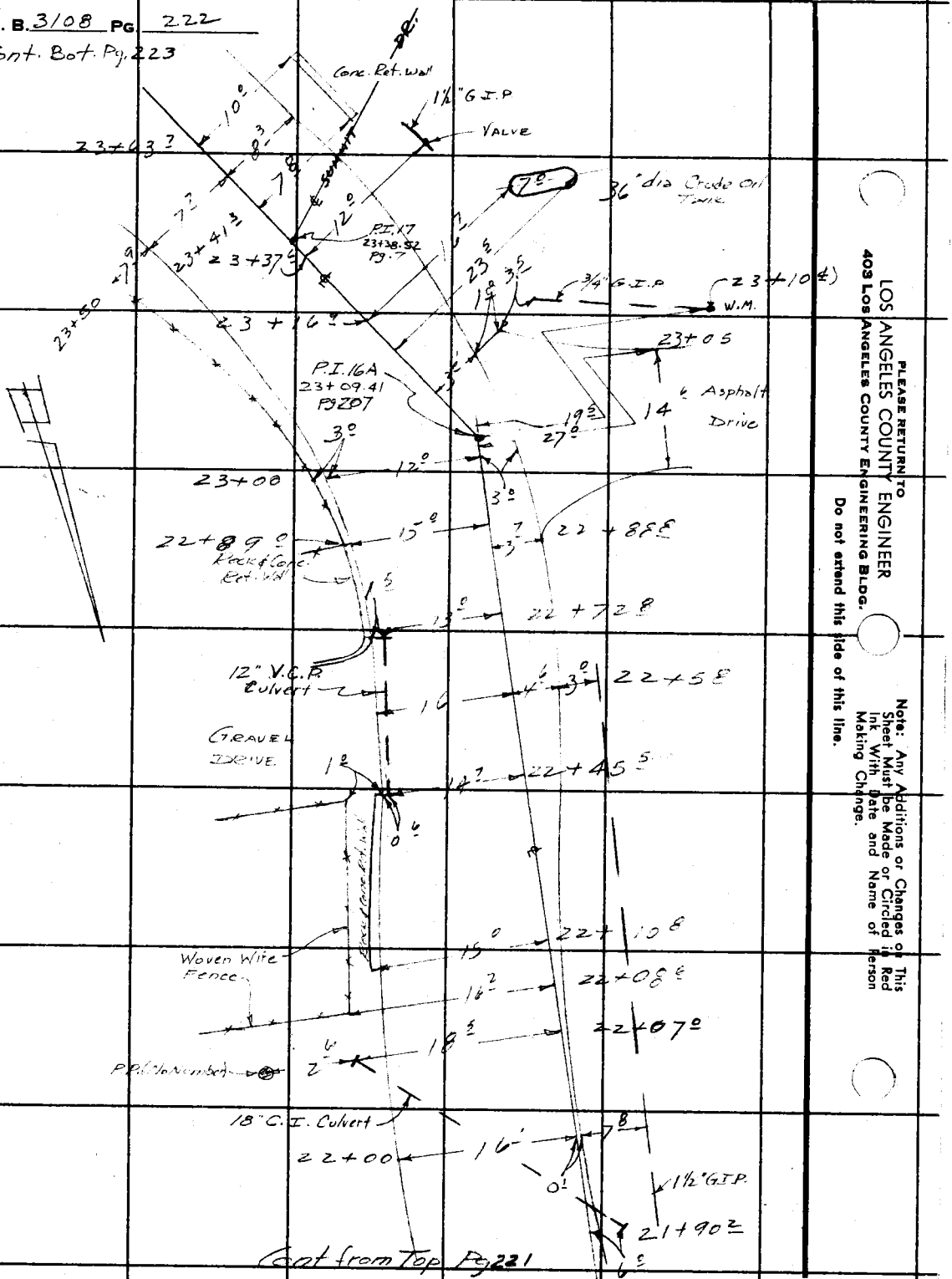


Cont. from Top Pg. 220

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
76F3095 CE # 310 3-61

F. B. 3108 Pg. 222

Cont. Bot. Pg. 223



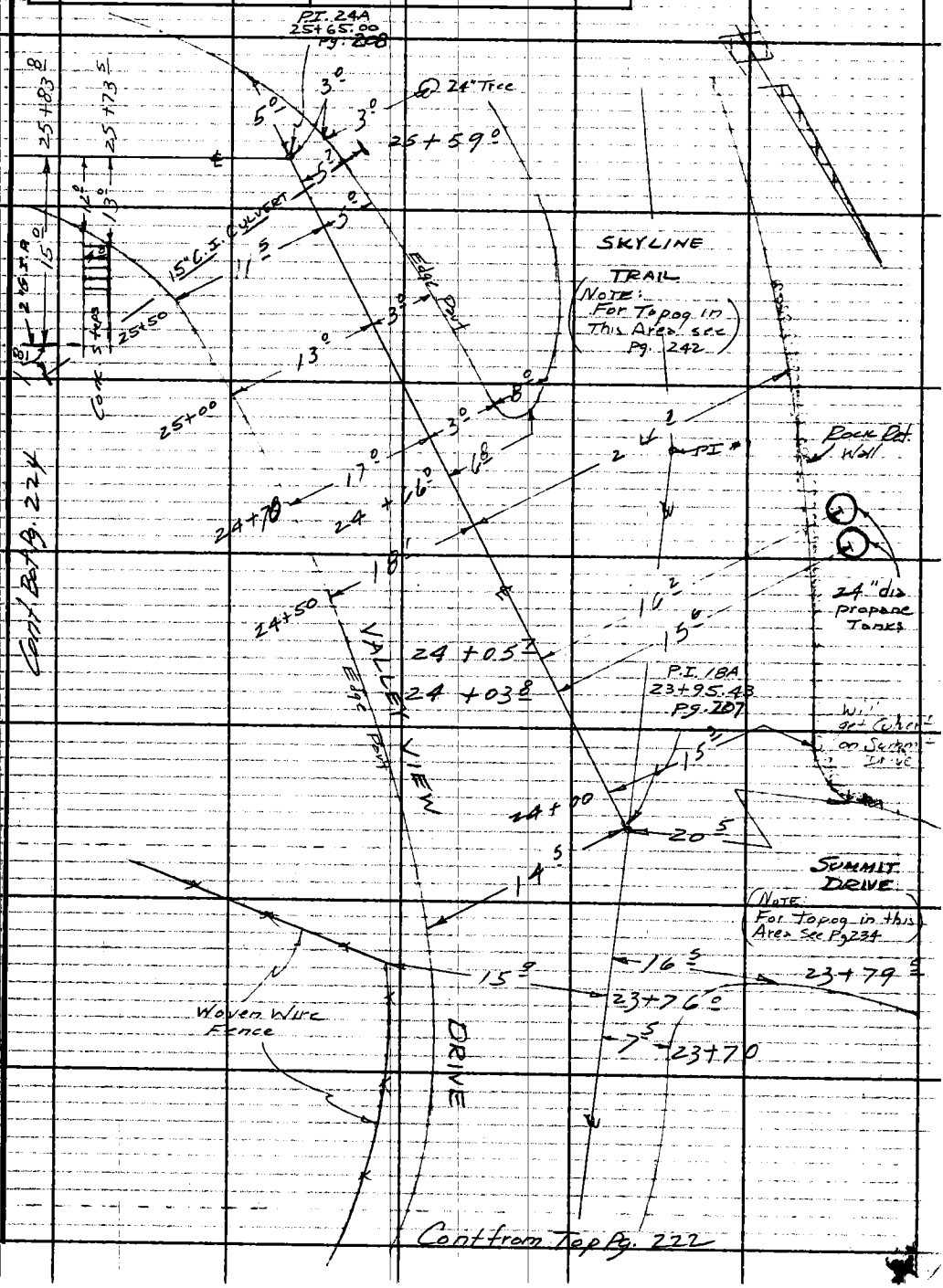
Cont from Top Pg 221

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of VALLEY VIEW DRIVE	F. B. 3108 PG. 223
Map No.	JN 221514 Tape Std °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes RCB Date 1/63	
Date	Indexed C. 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.

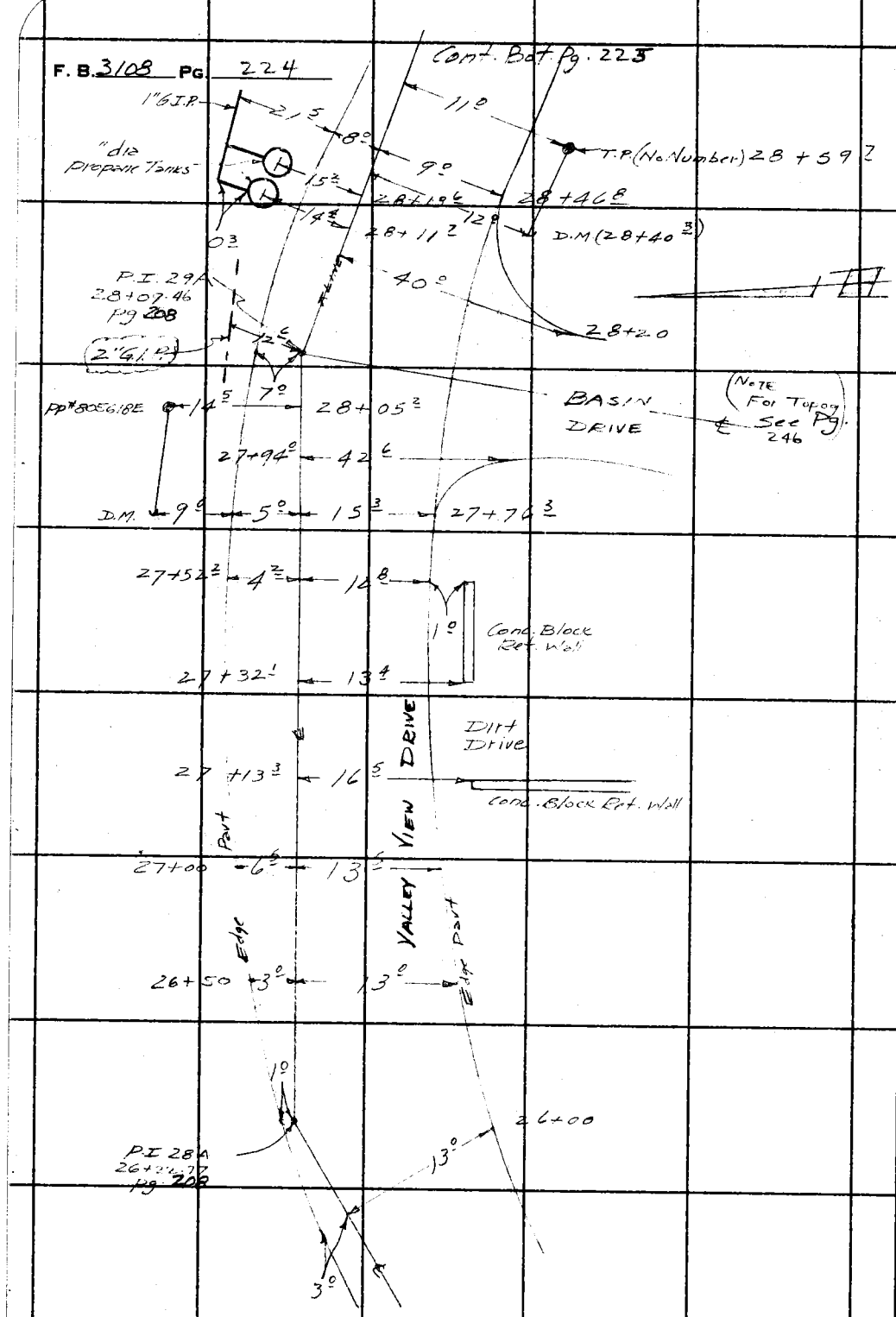
Do not extend this side of this line.

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

76F3095 CE # 310 3-61

F. B. 3108 PG. 224

Cont. Bat Pg. 223



Cont from Top Pg. 223

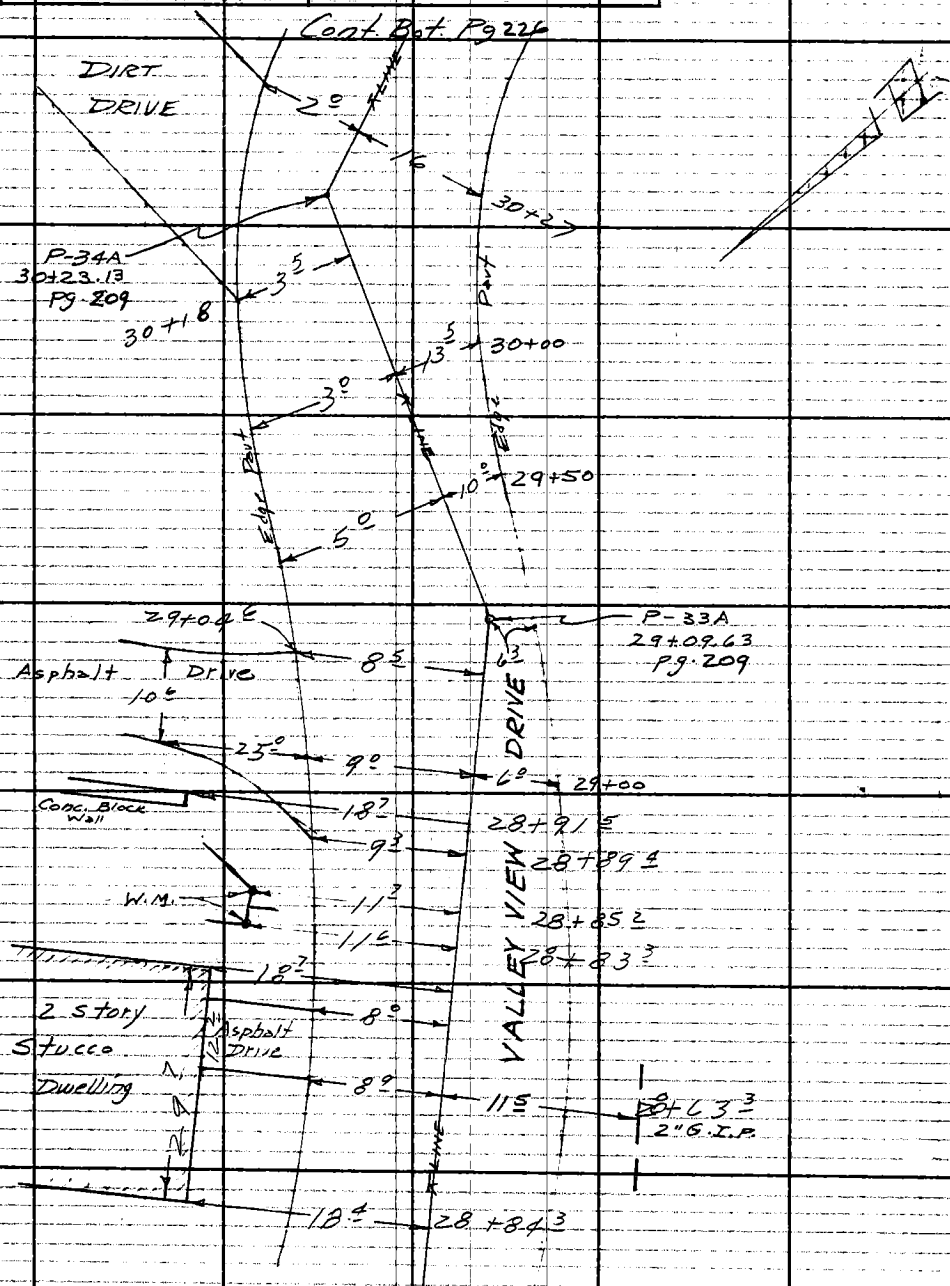
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of VALLEY VIEW DRIVE
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by R.C. BOWERS
Checked	Notes R.C.B. Date 1/63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 225



Cont. from Top Pg. 224

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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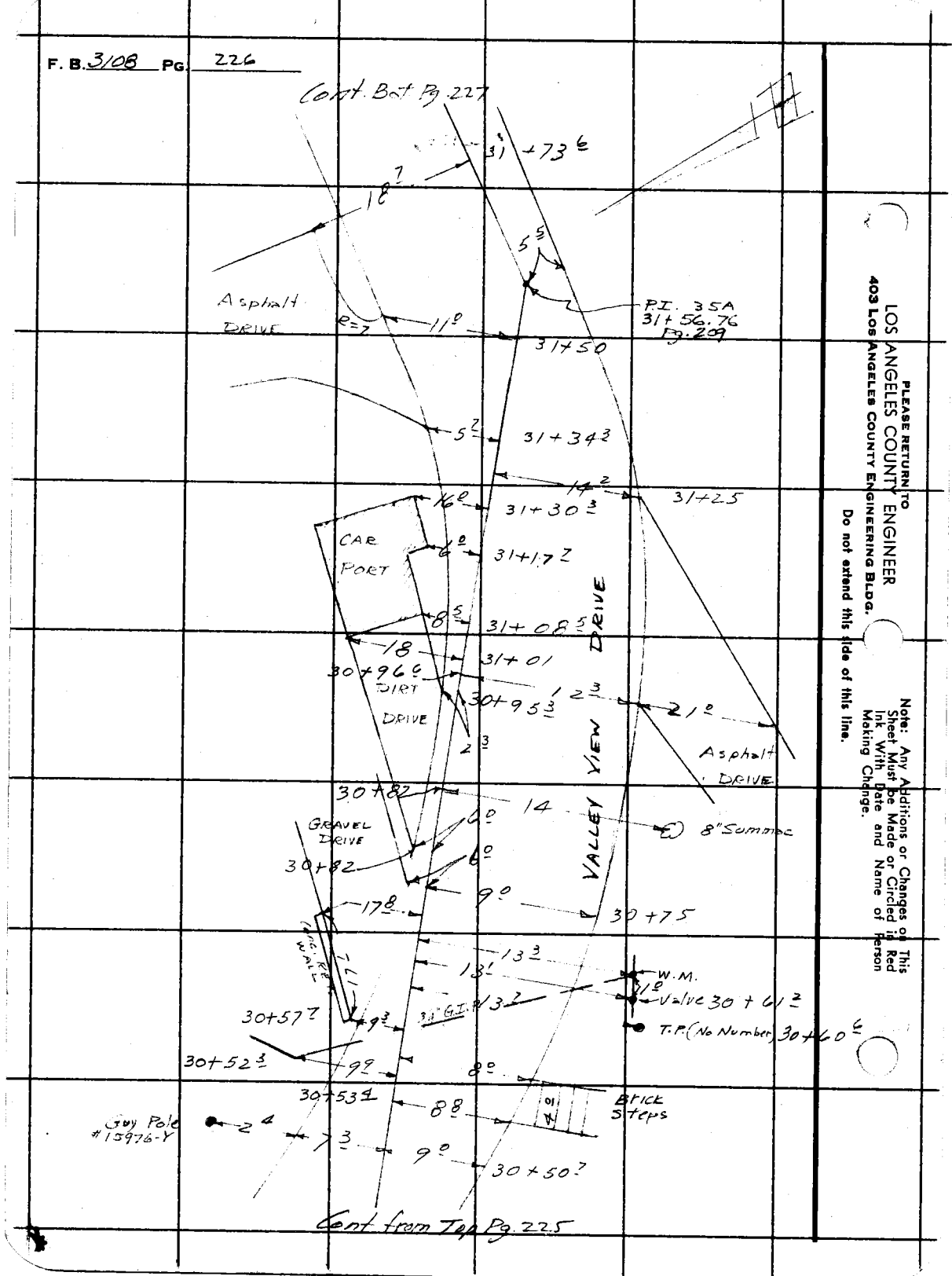
76F309S CE # 310 3-61

F. B. 3108 PG. 226



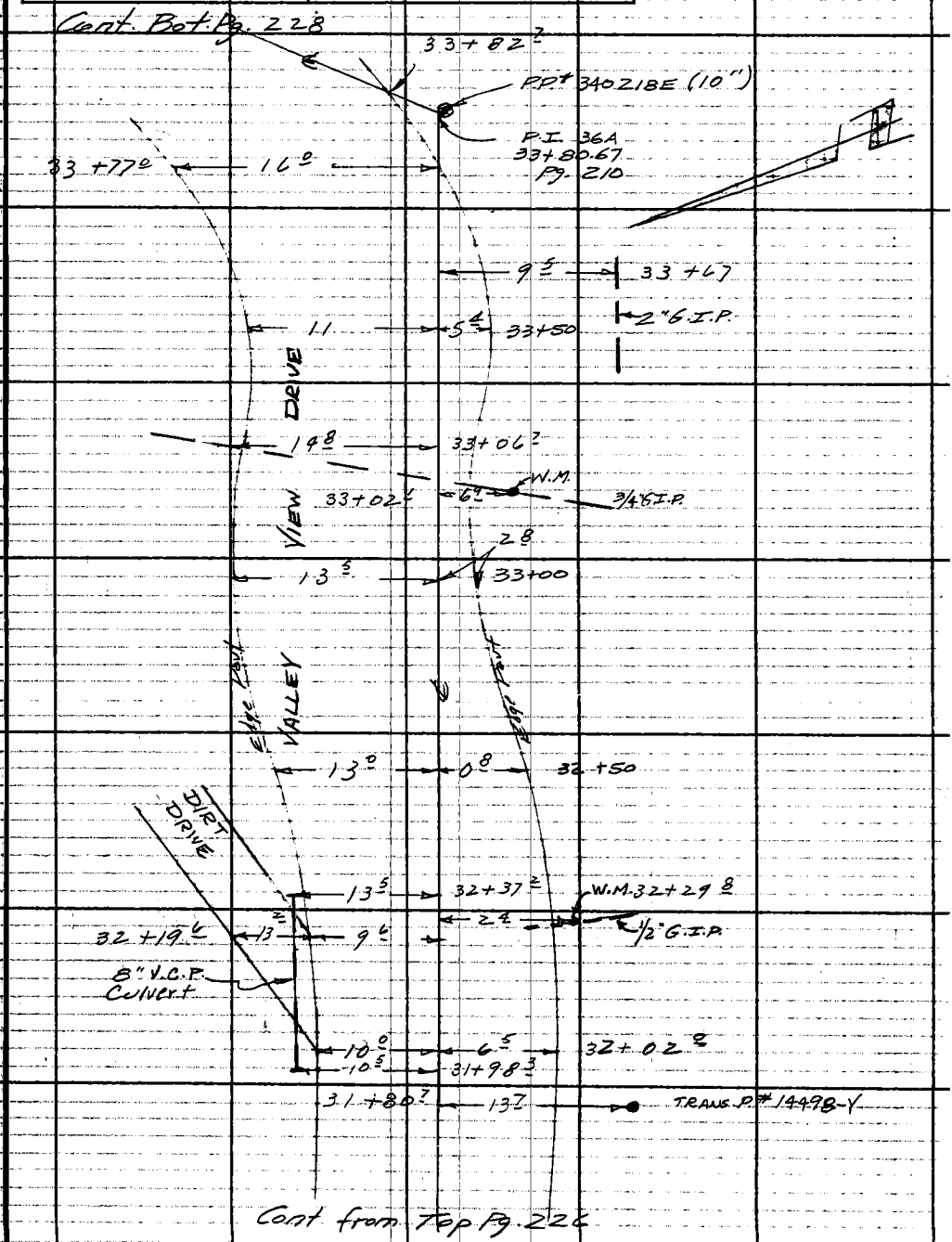
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of VALLEY VIEW DRIVE
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by R.C. BOWERS
Checked	Notes RCB Date 2/63
Date	Indexed C. J. GALLI

F. B. 3108 PG. 227



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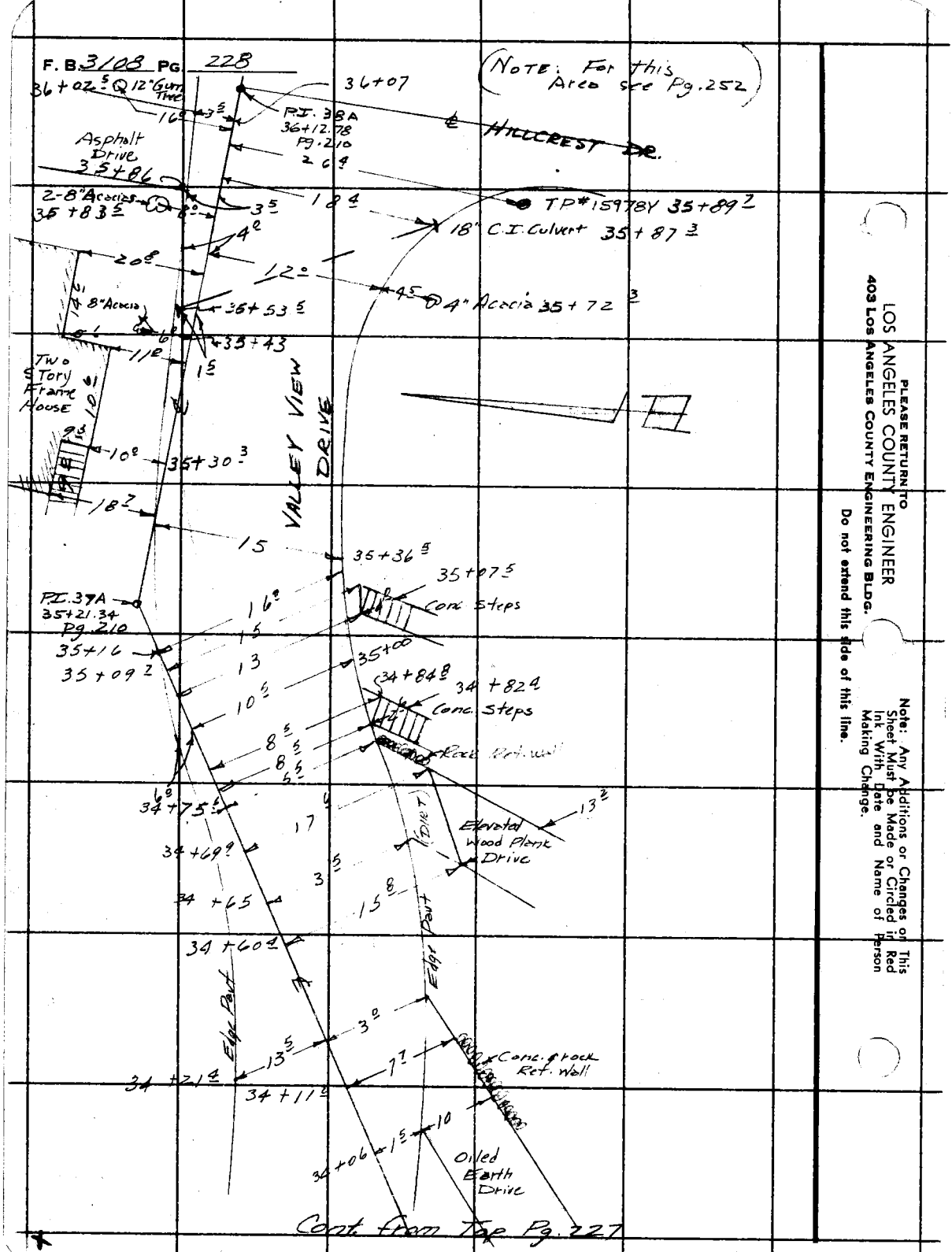
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

F. B. 3108 PG. 228

NOTE: For this Area see Pg. 252



Cont. from Top Pg. 227

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of Vision Trail	F. B. 3108 Pg. 229
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes RCB Date 2/63	
Date	Indexed C. J. GALLI FEB 28 '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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403 Los Angeles County Engineering Bldg.

LOCATION OF IMPROVEMENTS ON VISION TRAIL

Valley View Dr. (13+93.64)
W'ly To
Valley View Dr. (19+14.74)

J.N. 2215.14

FEB 1963

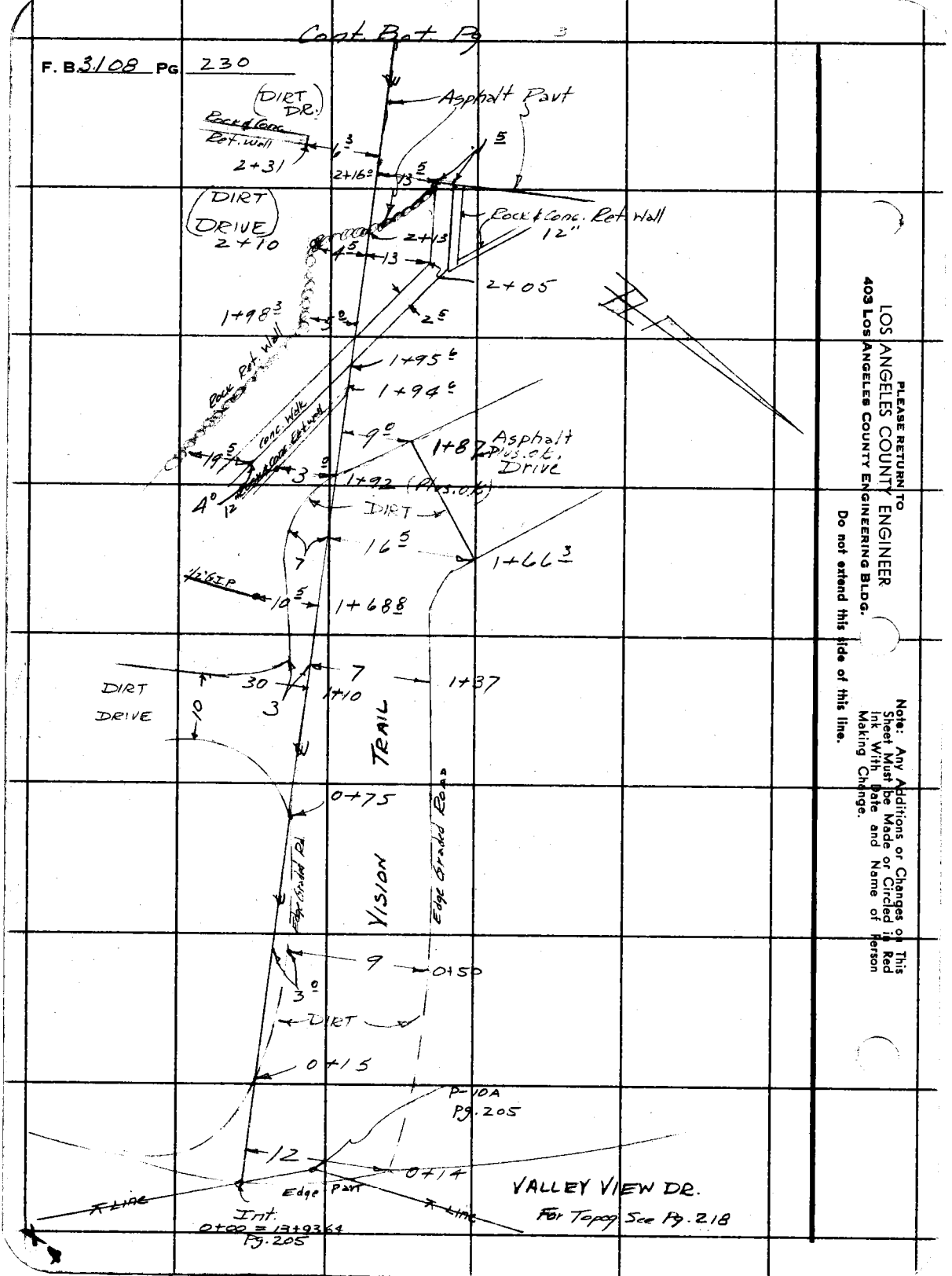
REF.

F.B. 3108
F.B. 826
C.S.B. 1631-3

PARTY

Bowers
Smiley
Dover
Tindell

76F3098 CE # 310 8-61

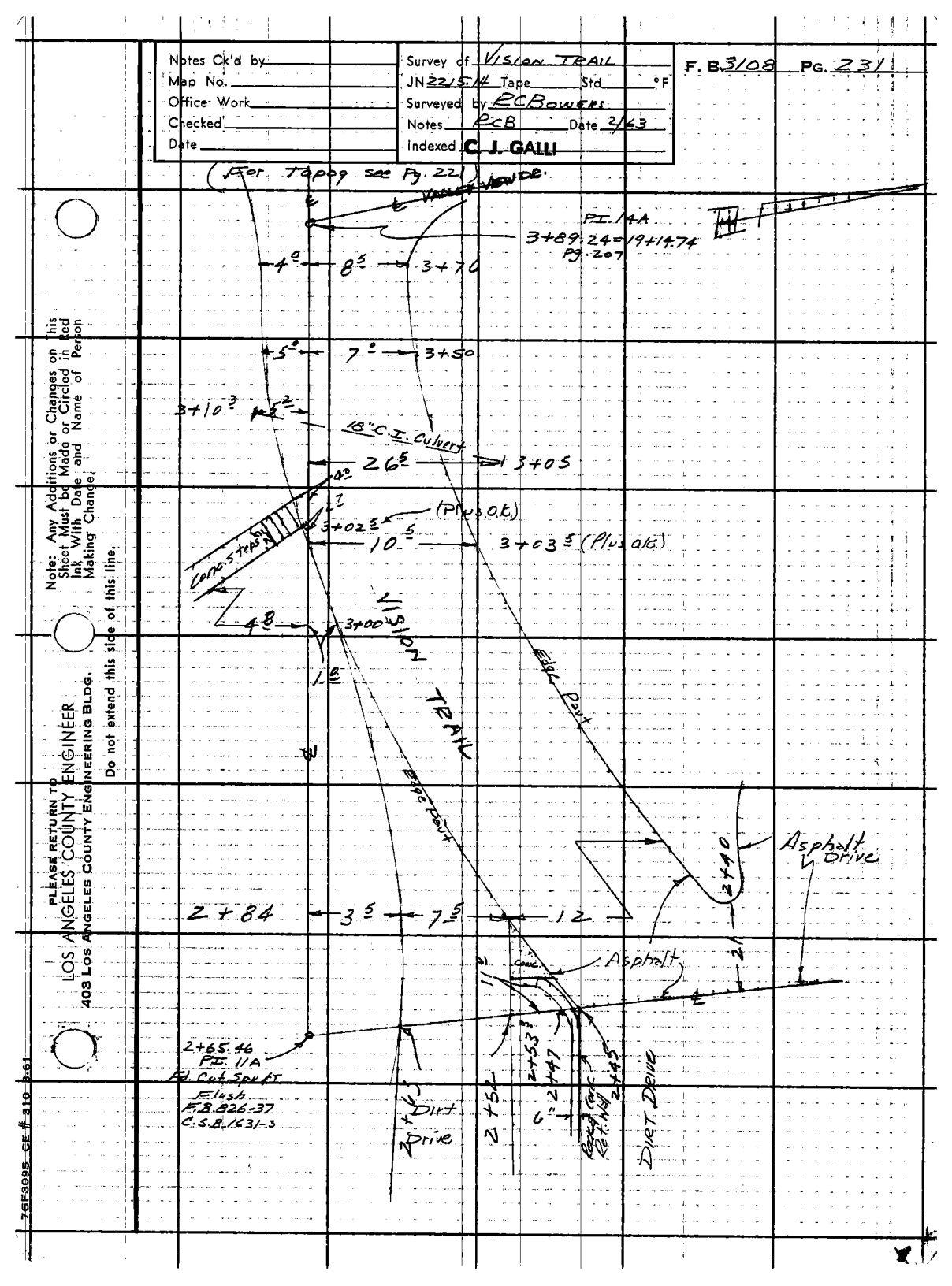


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of VISION TRAIL
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by EC BOWERS
Checked	Notes EcB Date 2/63
Date	Indexed C. J. GALLI

F. B. 3108 Pg. 231



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.

76F3095 CE # 310 3-61

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

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

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F. B. 3108 PG. 232

Notes Ck'd by		Survey of SUMMIT DRIVE	F. B. 3108 Pg. 233
Map No.		JN 2215.14 Tape Std °F	
Office Work		Surveyed by R.C. BOWERS	
Checked		Notes ECE Date 2/63	
Date		Indexed C. J. CALLI FEB 28 63	

LOCATION OF IMPROVEMENTS ON SUMMIT DRIVE

Valley View Drive
To
Peak Trail

J.N. 2215.14

FEB. 1963

REF.

FB. 725
C.S.B. 1631-3

PARTY

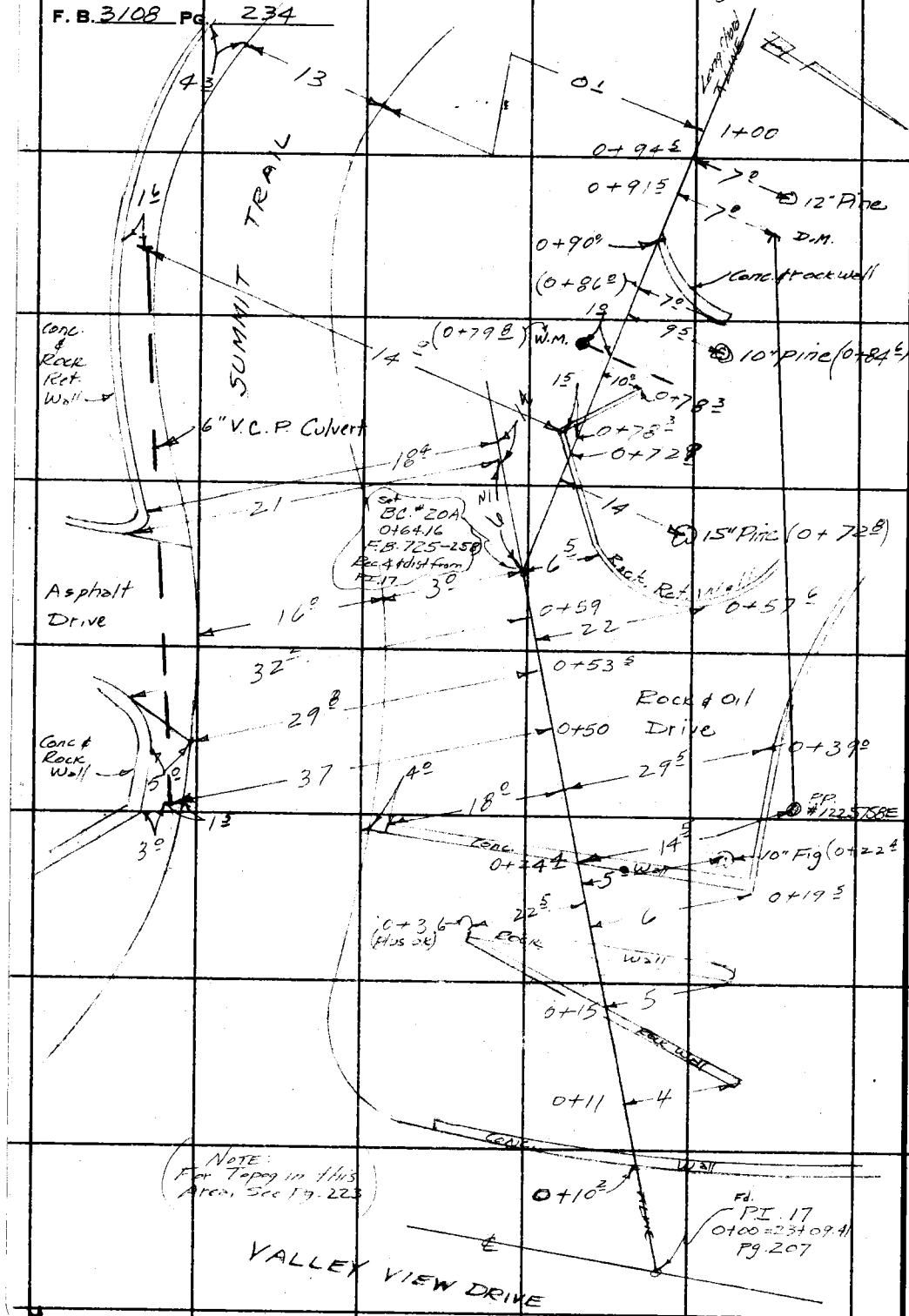
BOWERS
SMILEY
DOVER
TINDELL

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3095 CE # 310 3-61

Cont. Bot. Pg 235



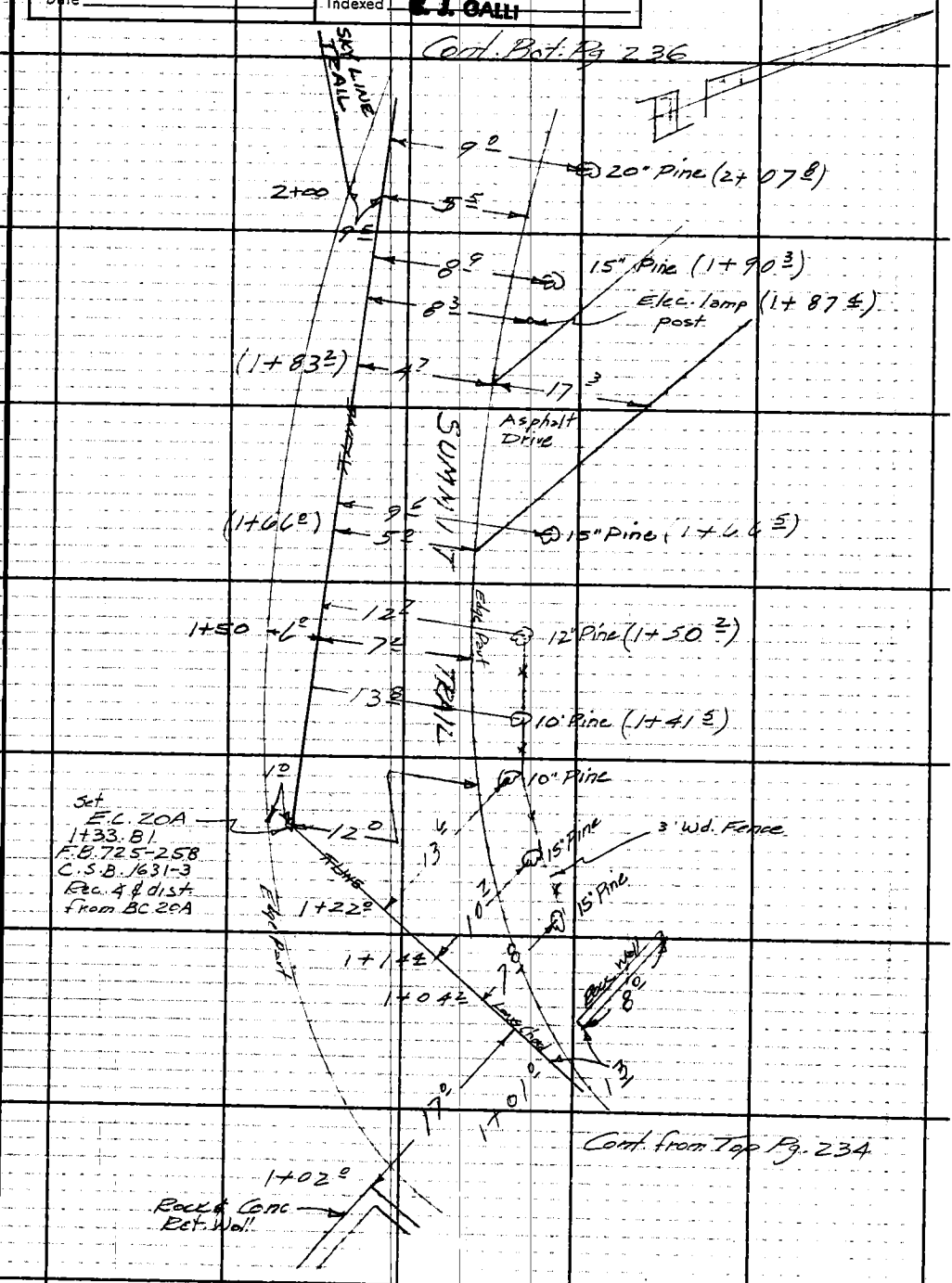
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

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

Survey of SUMMIT TRAIL
JN 22151/2 Tape Std °F
Surveyed by E.C. BOWERS
Notes ECB Date 2/63
Indexed E. J. CALLI

F. B. 310R PG. 235



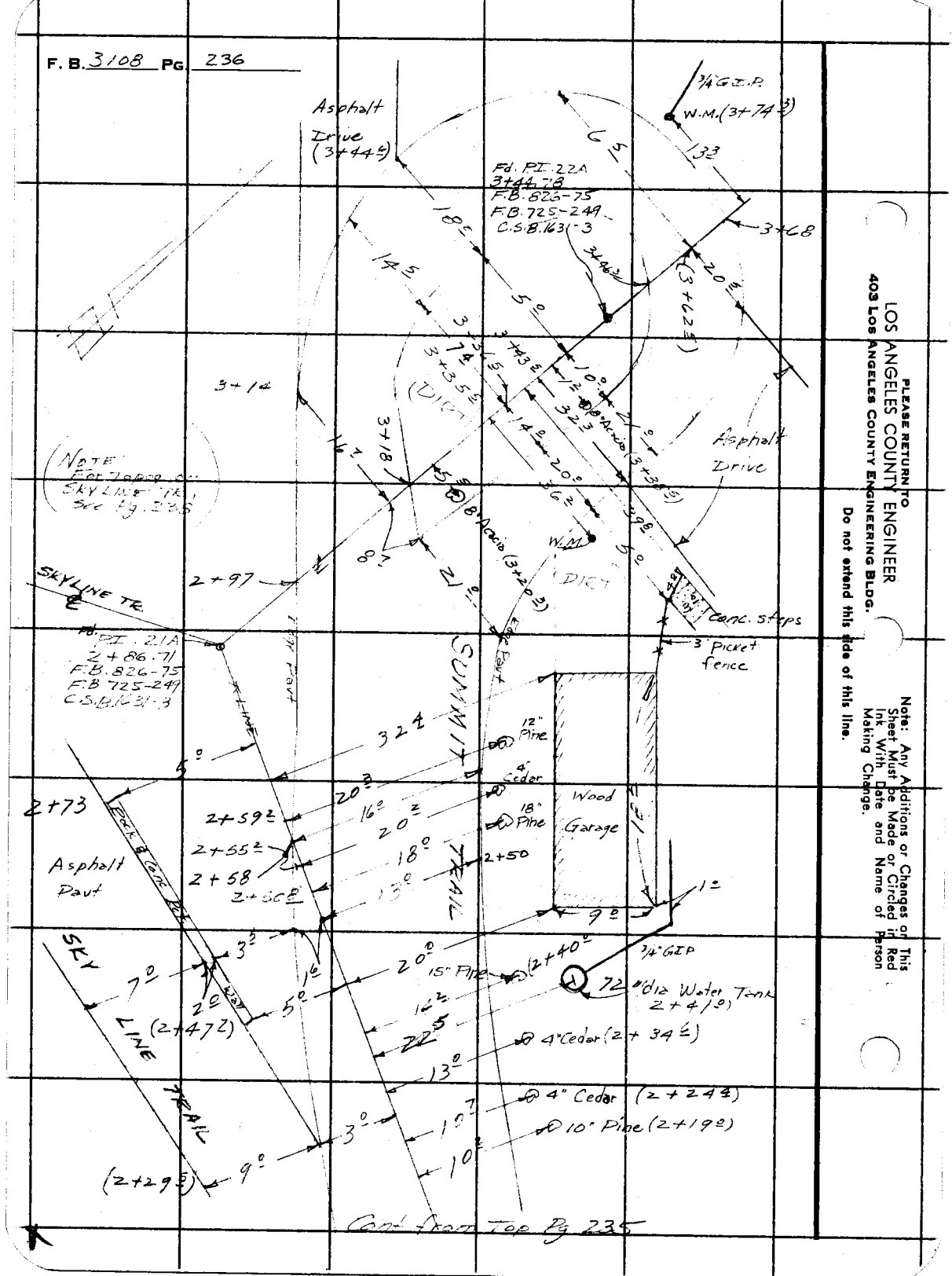
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

FOR SURV. CE T 310 8-61

F. B. 3108 PG. 236



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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 SKY LINE TRAIL
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by E.C. BOWERS
Checked	Notes ECB Date 2/63
Date	Indexed C. J. GALLI FEB 2 8 63

F. B. 3108 PG. 237

LOCATION OF IMPROVEMENTS ON SKY LINE TRAIL

Summit Drive (P.I. 21A) P.I. #4, To (Sky Line Tr.) & Valley View Dr. 5'N' To So. Lot. Line, Lot. 15, Block 17

J.N. 2215.14

FEB 1963

REF.

F.B. 725
C.S.B. 1631-3

PARTY

BOWERS
SMILEY
DOVER
TINDELL

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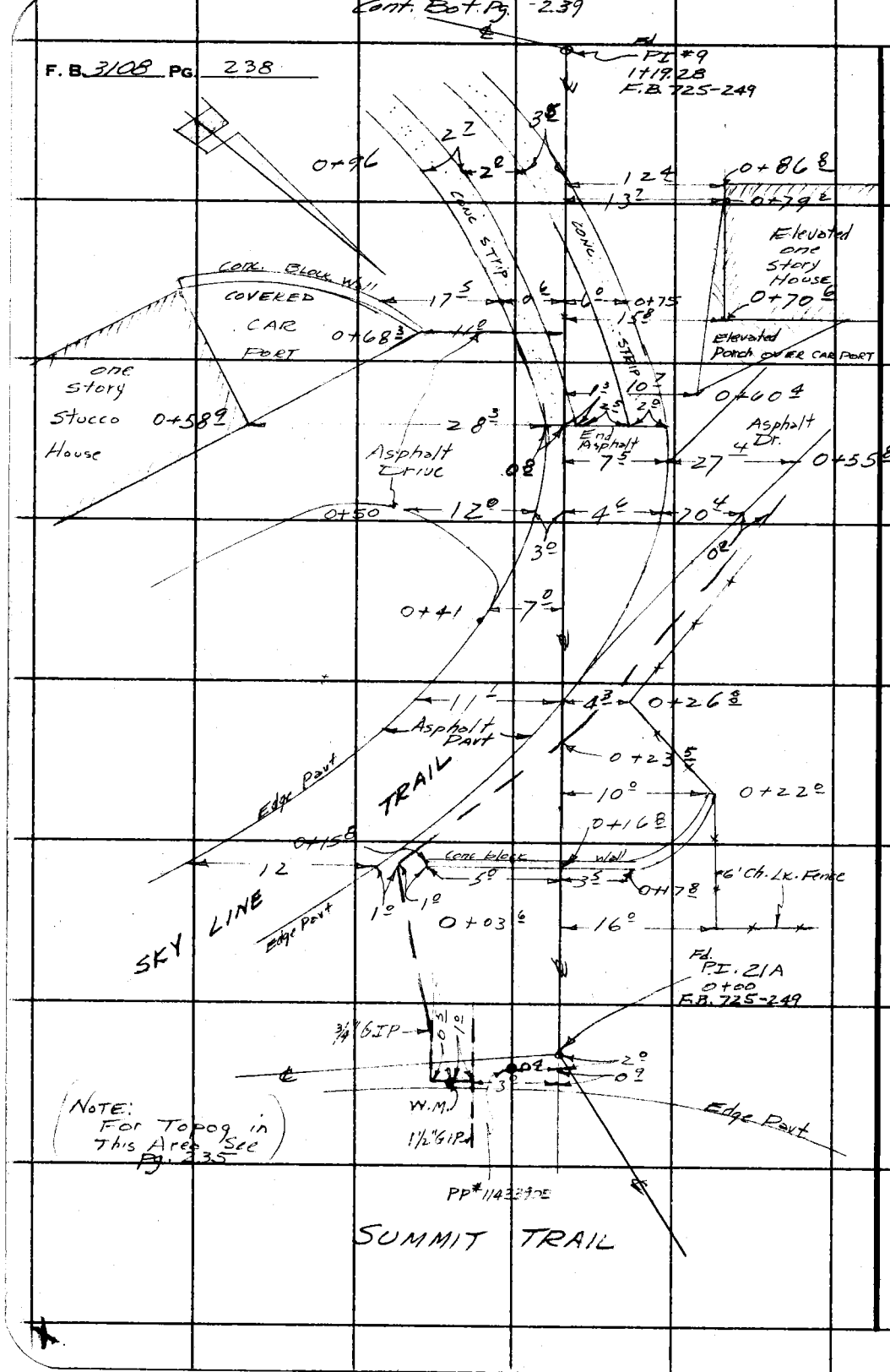
7GF3095 CE #310 3-61

Cont. Bot. Pg. -239

F. B. 3108 PG. 238



NOTE: For Topog in This Area See Pg. 235

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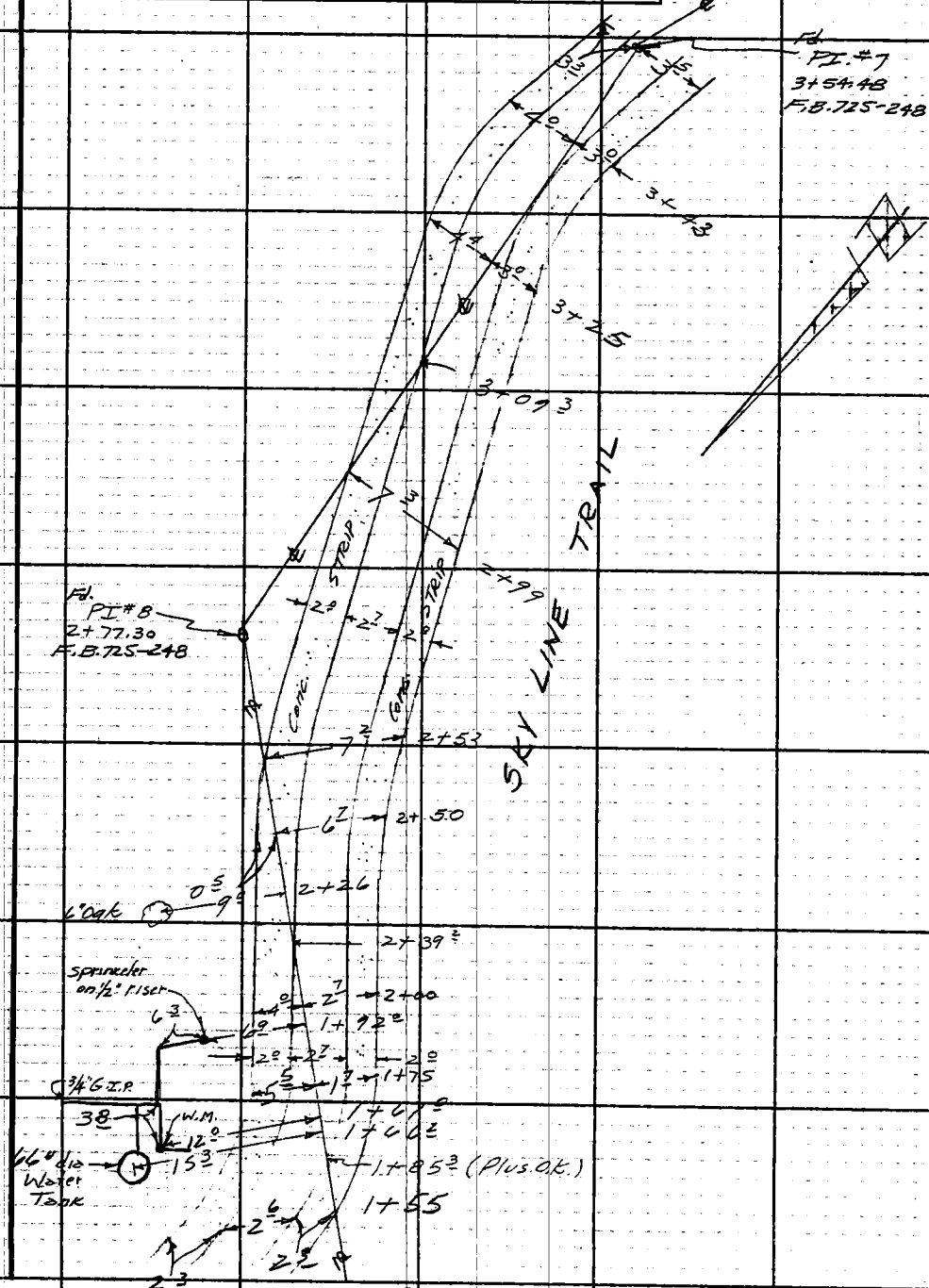
Notes Ck'd by	Survey of SKY LINE TRAIL	F. B. 3108 PG. 239
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by RC BOWERS	
Checked	Notes RCB Date 2/63	
Date	Indexed C. J. CALLI	

Cont. Bot. Pg 240



Cont. from Top Pg. 238

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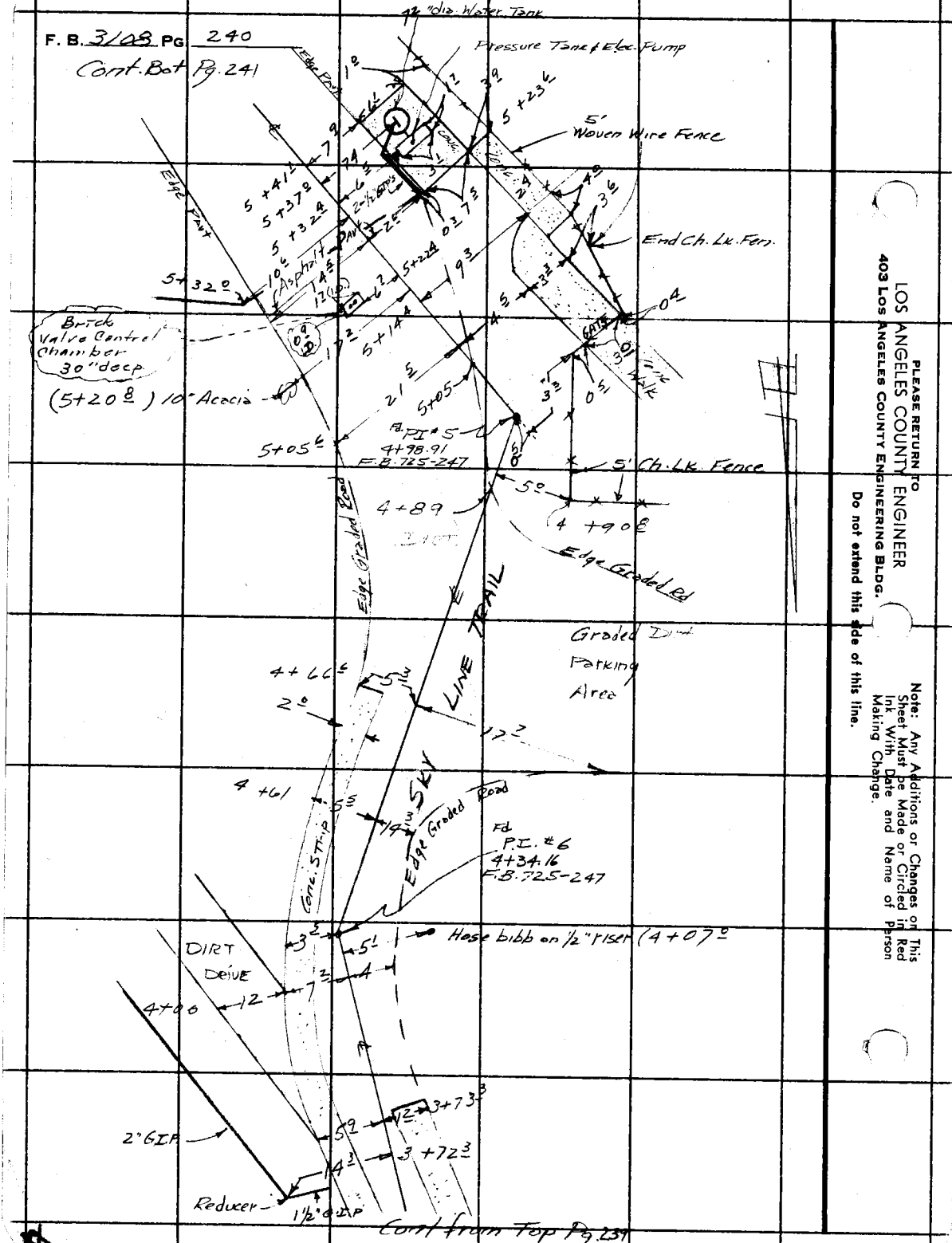
76F309S CE # 310 8-61

F. B. 3/08 PG. 240

Cont. Bot Pg. 241



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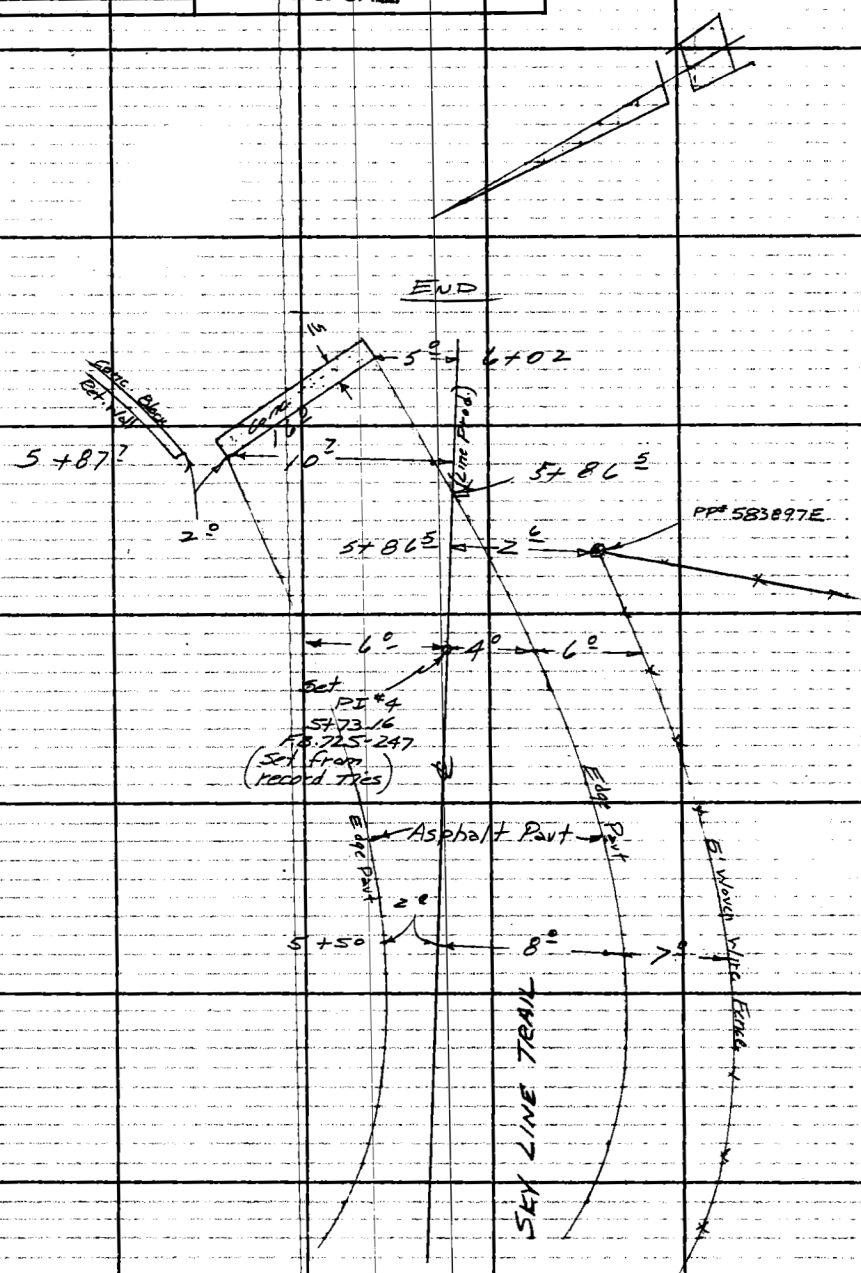
Notes Ck'd by	Survey of SKY LINE TRAIL	F. B. 3108 PG. 241
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by RC BOWERS	
Checked	Notes RCB Date 2/63	
Date	Indexed C. J. GALLI	

12 7



Cont. from Top Pg 240

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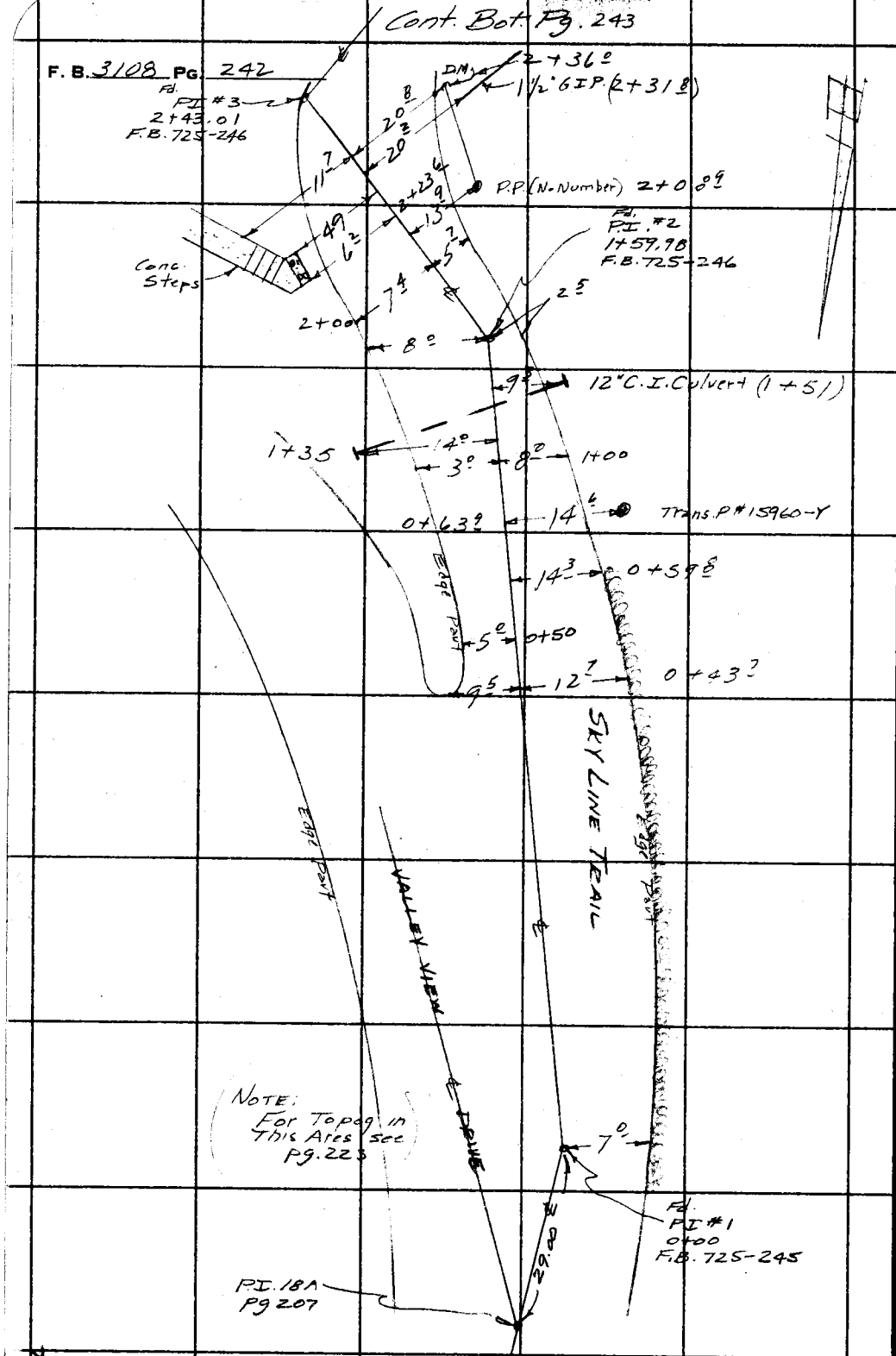

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76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HILLCREST DRIVE
		940 66			
3+53 44			8 54	932 12	P.I. # 154A (Prnit.)
3+58			9 03	931 63	Prnit. (break in Grade)
	10 70 = T.T.P.				(49° ft. beyond P.I. (above) on line Prod. & 4° Rt. (...)
	5 66		18 36	922 30	(F.L. 24" Corr. G.I. Culvert.)
	2 00				
Note:	18.36		7 79	932 87	TxS.M. Elev. 932.883 F.S. 3108-27
					N.W. Cor. [illegible] & Hillcrest Drs.,
					Bt. spk. & W. (up 1') in P.P. # 805619 E.

Profile No. ___ Notes Red 9/4 C Date 3-3-63 Plotted ___ Job No. 2215.14 Division No. ___ P.B. 3108 PG. 293

X-Sec. No. ___ Notes Chkd. ___ Date ___ Checked ___ Date ___ Survey of HILLCREST DRIVE Survey by RCBowers Notes Smith Date 2/63

Map No. ___ Indexed C. J. GAUL Date ___

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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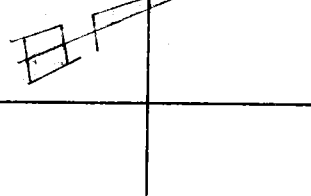

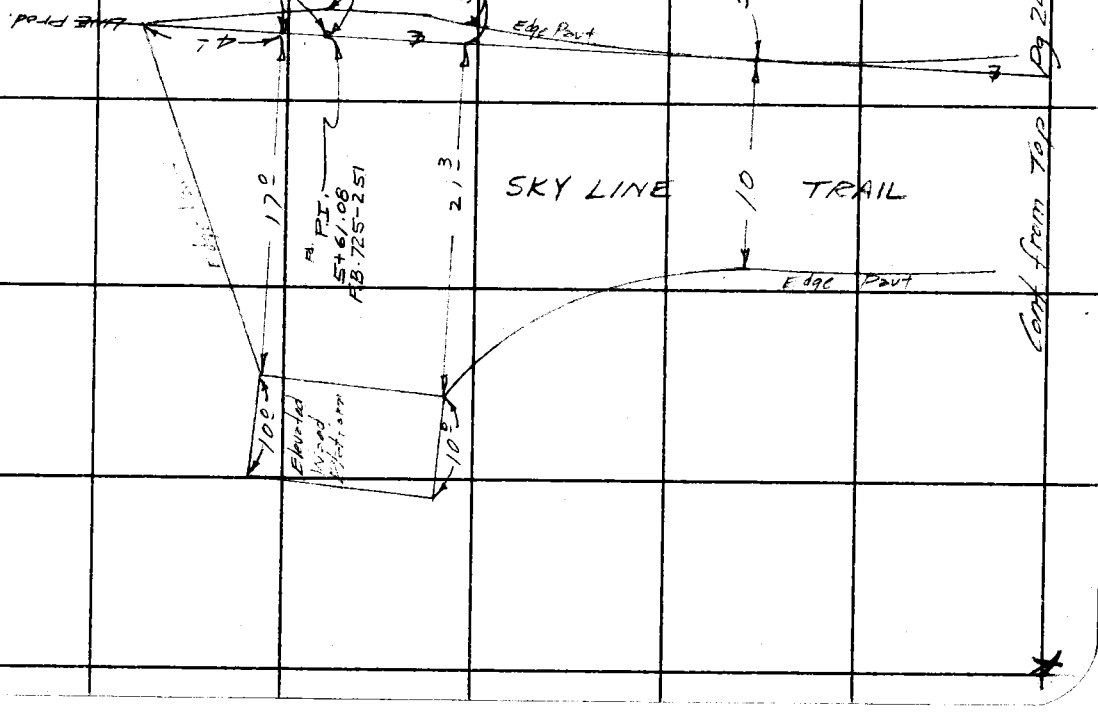

F. B. 3108 PG. 244

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

Survey of BASIN DRIVE
JN 2215.14 Tape ____ Std ____ °F
Surveyed by E.C. BAILIFF
Notes RCB Date 2/63
Indexed G. J. GALLI FEB 26 '63

F. B. 3108 Pg. 245

LOCATION OF IMPROVEMENTS ON BASIN DRIVE

VALLEY VIEW DR.
TO
FERNWOOD PACIFIC DR.

J.N. 2215.14

FEB 1963

REF

F.B. 826
C.S.B. 1631-3

PARTY

BOWERS
SMILEY
DOVER
TINDELL

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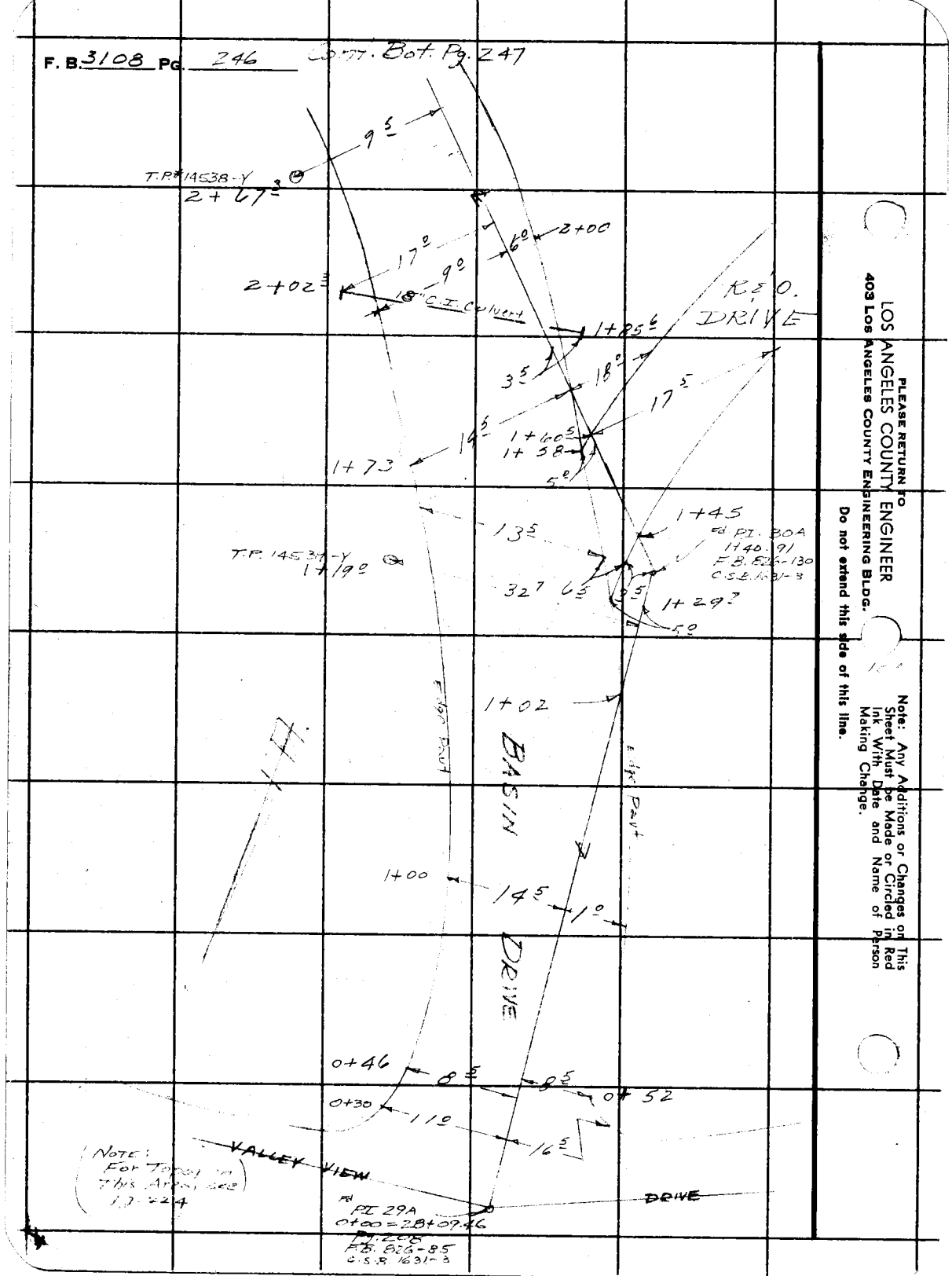
76F3095 CE # 310-3-61

F. B. 3108 PG. 246 Cont. Bot. Pg. 247



NOTE: For Topo in This Area see I.D. 224

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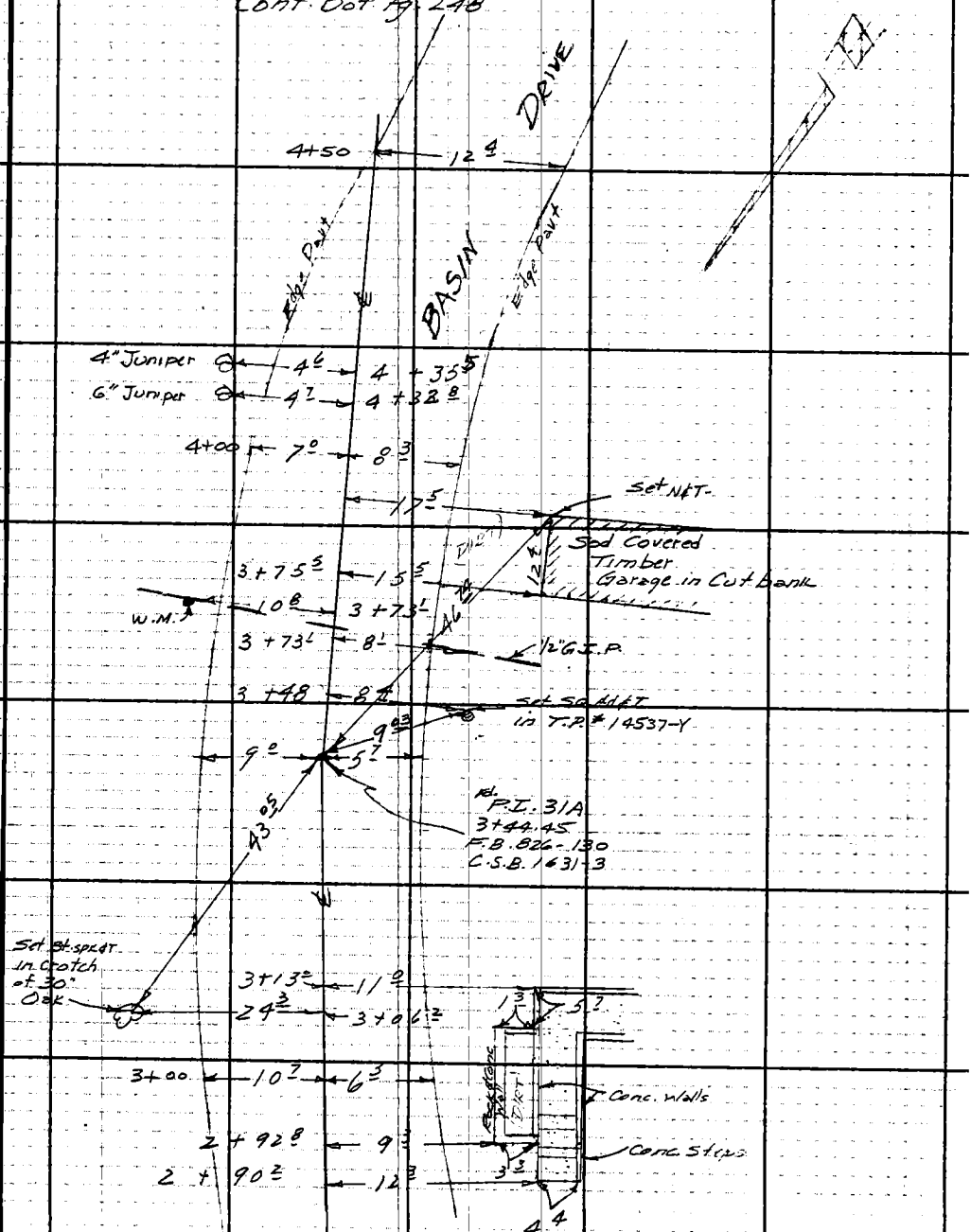
Notes Ck'd by	Survey of BASIN DRIVE	F. B. 3108 PG. 247
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes RCB Date 2/63	
Date	Indexed C. J. GALLI	

Cont. Bot. Pg. 248



Cont from top Pg. 246

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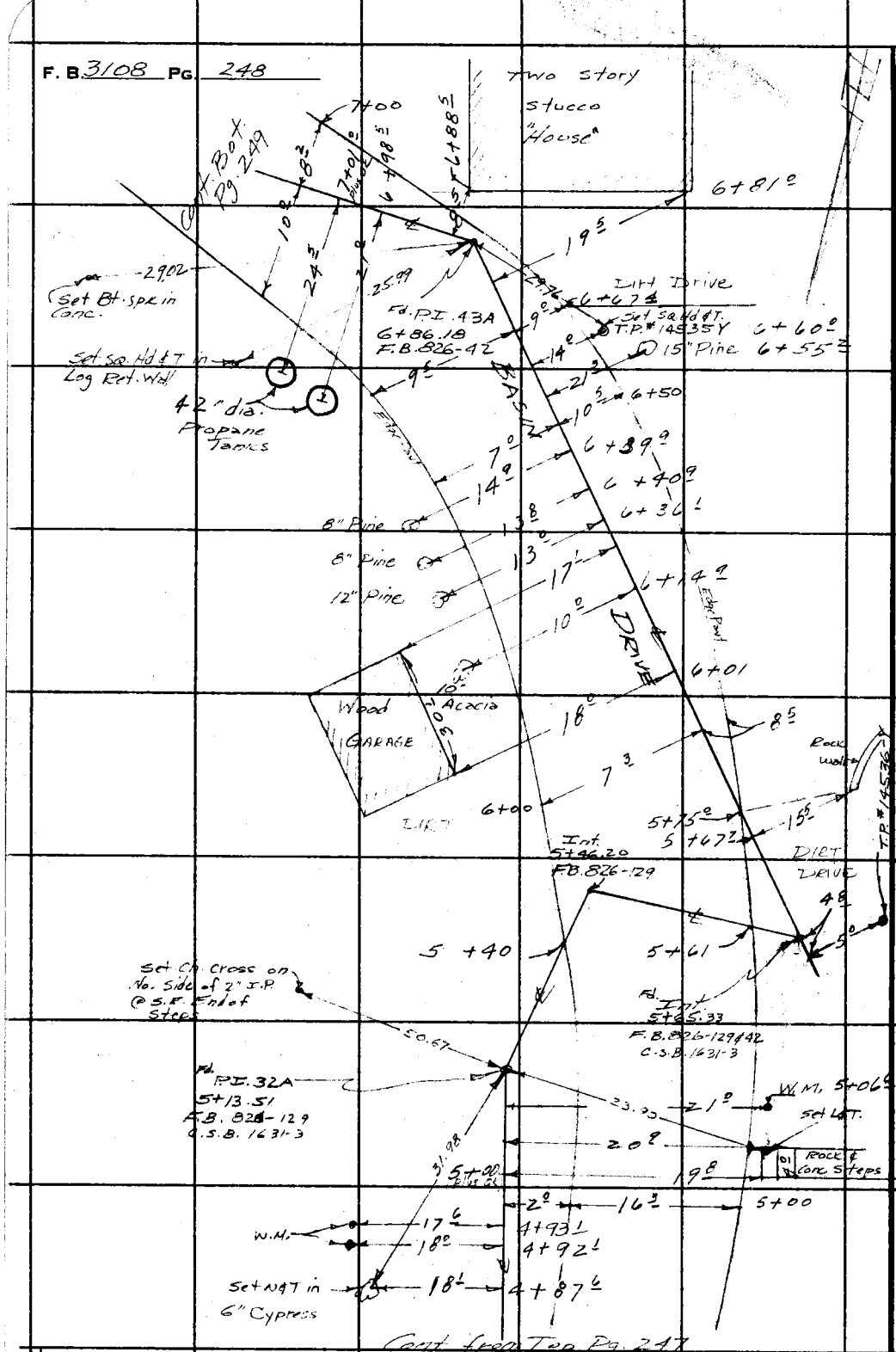
76F309S CE # 310 8-61

F. B. 3108 Pg. 248



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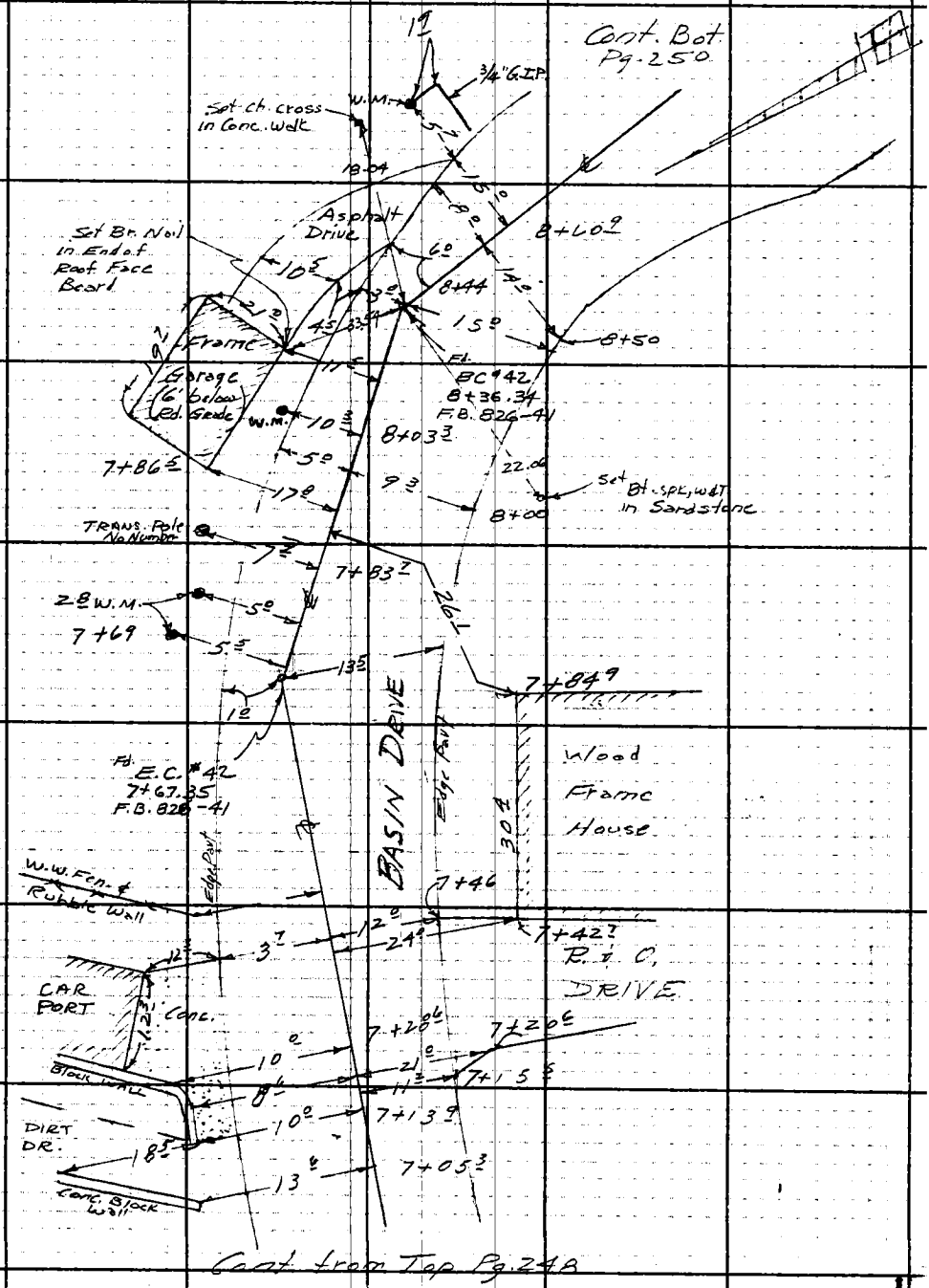
Notes Ck'd by	Survey of BASIN DRIVE	F. B. 3108 PG. 249
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by EC BOWERS	
Checked	Notes ECB Date 2/63	
Date	Indexed J. GALLI	



Cont. from Top Pg. 248

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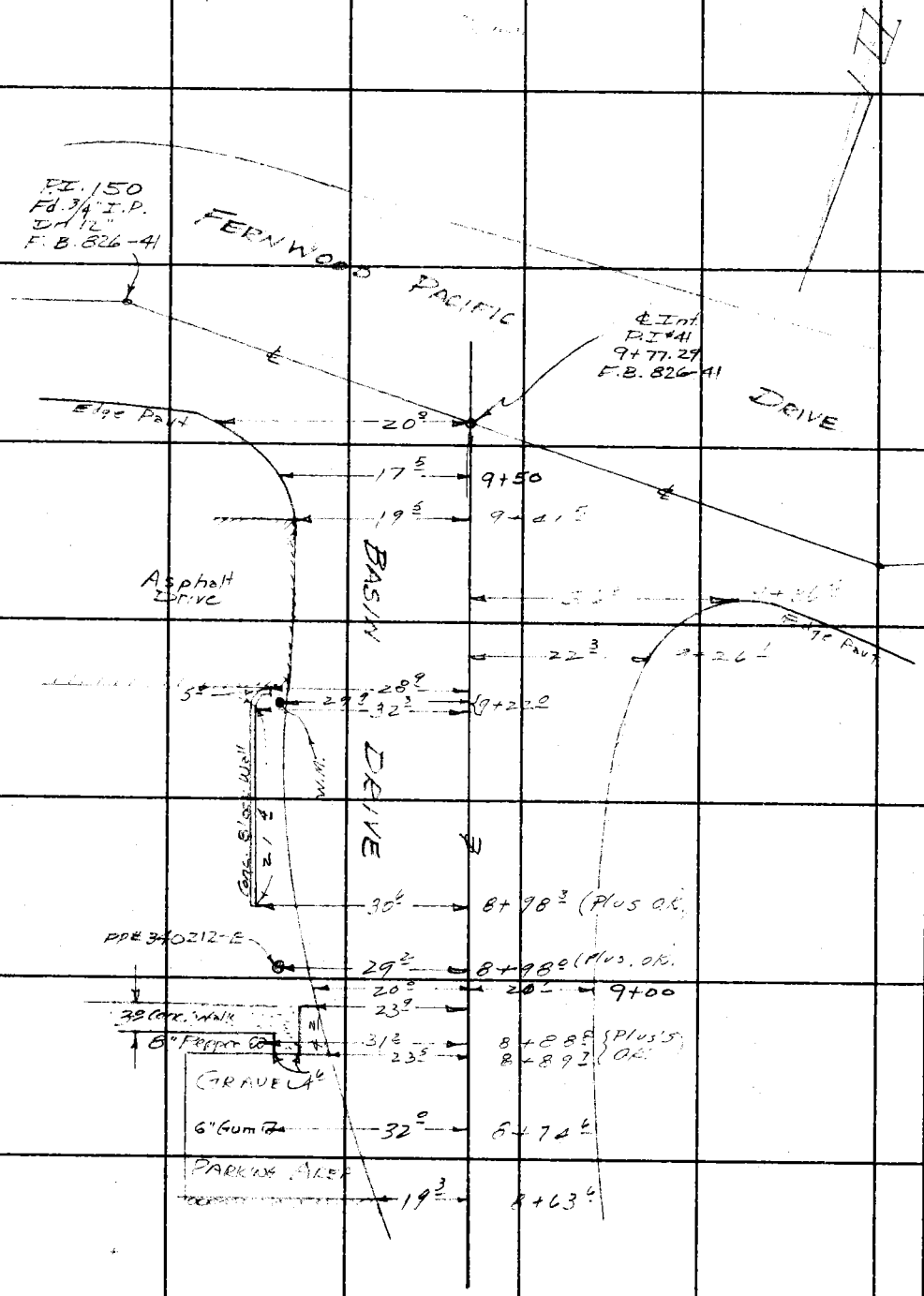
76F309S CE # 310 3-61

F. B. 3108 PG. 250



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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 HILLCREST DRIVE
Map No.	JN 22/5.14 Tape Std °F
Office Work	Surveyed by E.C. BOWERS
Checked	Notes E.C.B. Date 2/63
Date	Indexed J. GALLI FEB 2 8 '63

F. B. 3108 Pg. 251

LOCATION OF IMPROVEMENTS ON HILLCREST DRIVE

VALLEY VIEW DRIVE

To

FERNWOOD PACIFIC DRIVE

J.N. 22/5.14

FEB. 1963

REF.

F.B. 826

C.S.B 1631-3

PARTY

BOWERS

SMILEY

DOVER

TINDELL

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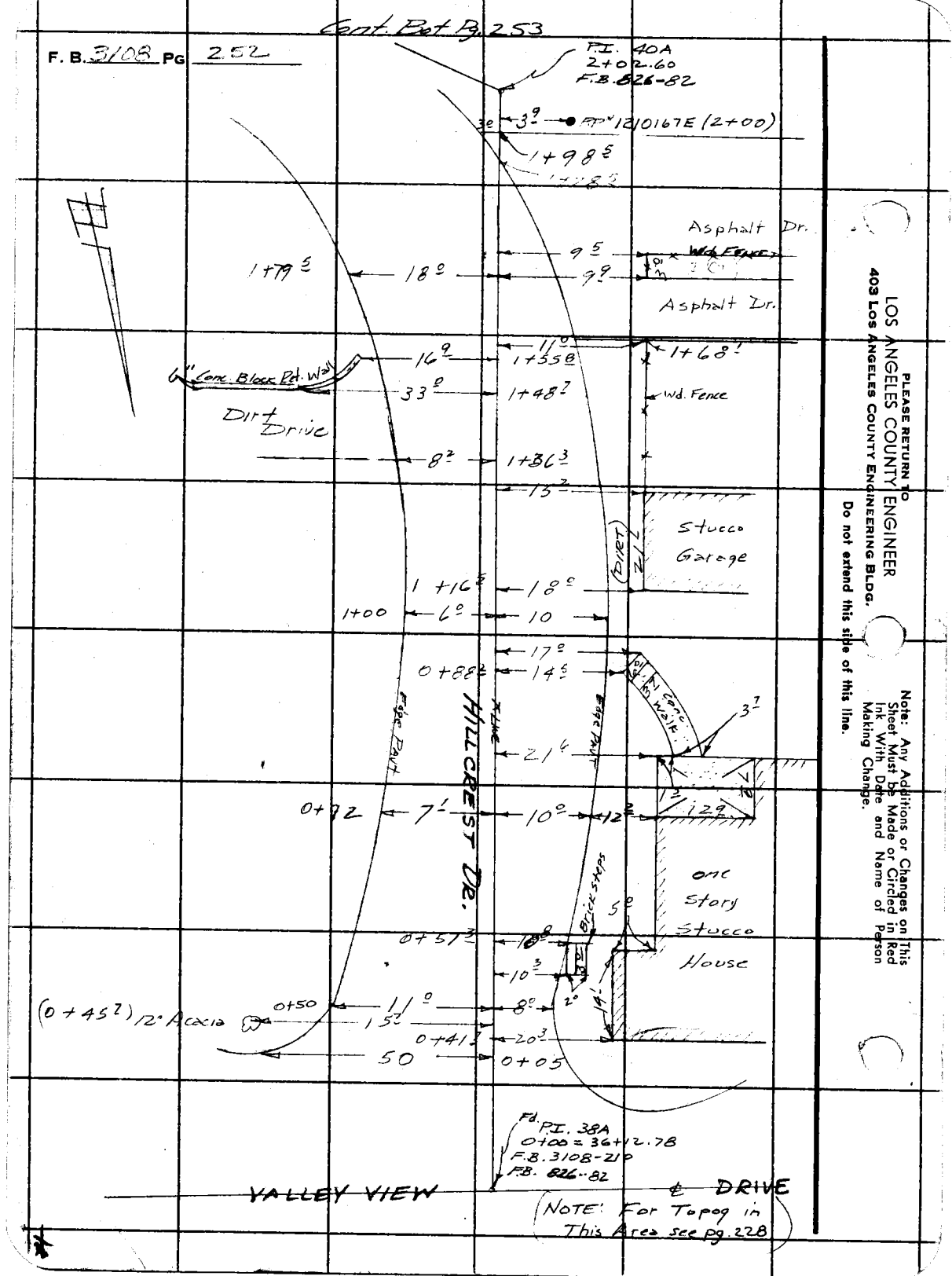
403 Los Angeles County Engineering Bldg.

76F3095 CE # 310 3-61

Cont. Bet Bk. 253

F. B. 3108 PG 252



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403 Los Angeles County Engineering Bldg.
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Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of HILLCREST DRIVE
JN 2215.14 Tape Std °F
Surveyed by E.C. BOWERS
Notes E.C.B. Date 2/63
Indexed C. J. GALLI

F. B. 3108 Pg. 253

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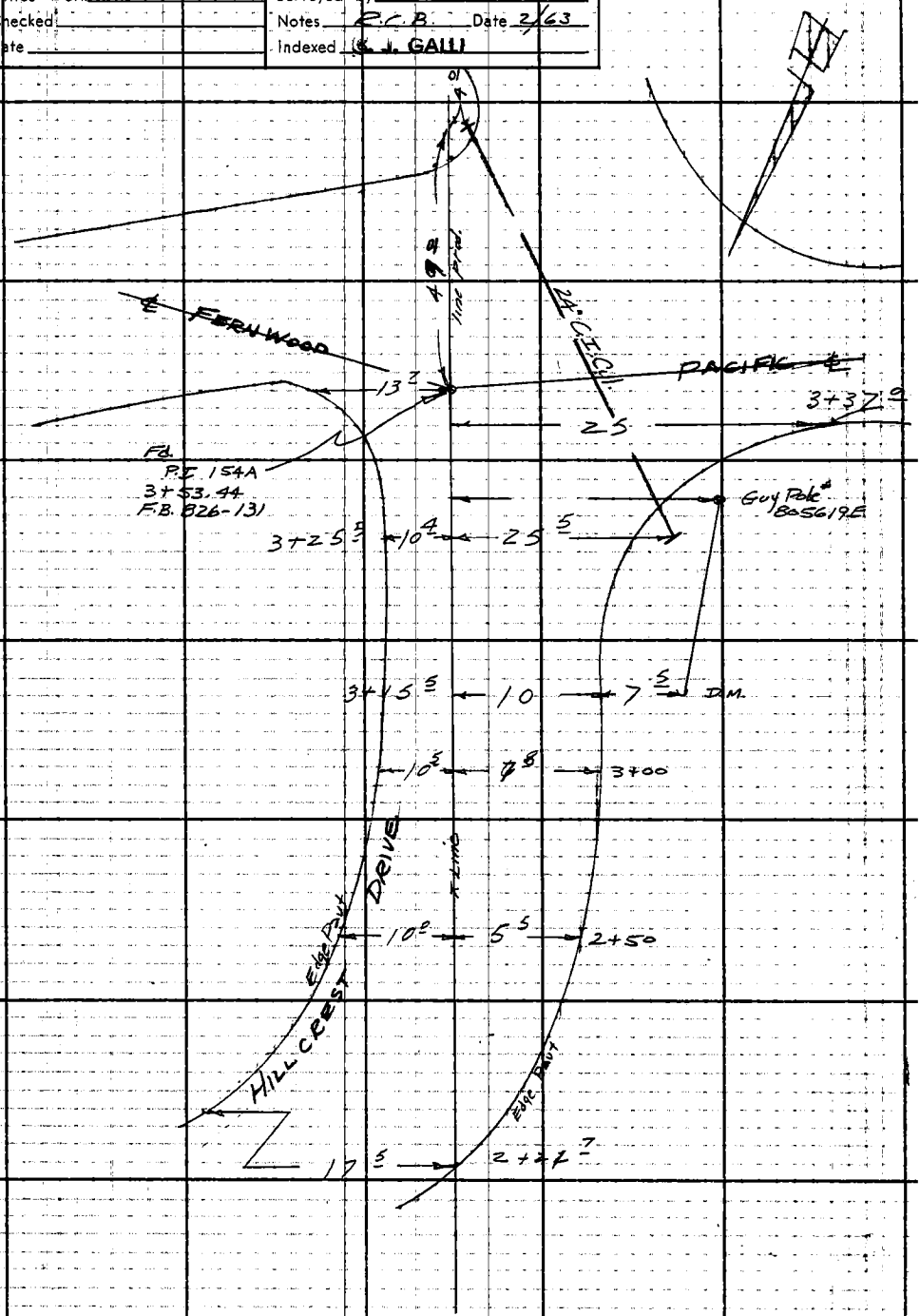

Cont. from Top Pg 252

7GF309S CE # 310 3-61

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F. B. 3108 PG 254

Profile	Notes Red	Plotted	Job No. 2215.14	Division No.	F.B. 3108	PG. 255
No.	Date	Date	Survey of VALLEY VIEW DRIVE			
X-Sec.	Notes Chkd.	Checked	Survey by R.C. BOWERS	Notes RCB	Date 1/63	
No.	Date	Date	Map No.	Indexed	Date FEB 2 8 '63	

PROFILE

OF

VALLEY VIEW DRIVE

FERNWOOD PACIFIC

TO

HILLCREST DRIVE

J.N. 2215.14

FEB. 63

	REF.	PARTY
ELEV.	F.B. 3108	BOWERS SMILEY DOVER
F.S.		TINDELL
H.I.		
B.S.		
STATION		

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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.	VALLEY VIEW DRIVE
B.M F-4	4 92	820 94		816 023	Fd. B.M. F-4 Elev = 816.023. L.A.Co. Engr. Br. Cap Button Mon. Set in Conc. - Up 2" at S.W. Cor. of Fernwood Pacific Dr. & Valley View Dr. F.B. 3108-29
0+00			8 39	812 55	[illegible]
0+11 5			8 35	812 59	[illegible]
T.P.			0 60	820 34	T.P.
	10 98	831 [illegible]			
0+23			7 69	823 63	[illegible]
0+96			4 54	826 78	14 5 [illegible]
[illegible]	[illegible]				
1+00			1 [illegible]	830 07	Point
+14 2			[illegible]	829 59	12 [illegible]
T.P.			0 75	830 57	T.P.
	[illegible]	842 33			32 [illegible] ~~(top 2" G.I.P.)~~
0+88			5 95	836 38	[illegible]
1+30 4			6 61	833 72	13 3 [illegible]
+50			1 89	840 44	
T.P.			0 56	841 77	T.P.
	11 02	852 79			
2+00			0 72	852 07	Point
T.P.			0 45	852 34	T.P.
	11 57	863 91			

F.B. 3108 PG. 256

Survey of VALLEY VIEW DRIVE Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey by R.C. BOWERS Notes L.C. Smiley Date ____ Notes Chkd. Fitch Date 3/63 Checked ____ Date ____ No. ____ X-Sec. ____

Indexed C. J. GAM Date ____ No. ____

76-L298 CE 307 3-61

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Profile Notes Red ____ Plotted ____ Job No. 2254 Division No. ____
No. ____ Date ____ Date ____ Survey of VALLEY VIEW DRIVE
X-Sec. ____ Notes Chkd. [illegible] Checked ____ Survey by R.C. Bowers Notes Smith Date 2/63
No. ____ Date 3-63 Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 3108 Pg. 257

STATION	B.S.	H.I.	F.S.	ELEV.	VALLEY VIEW DR.
		863.91			
2+12.5			10.57	853.34	P.I. & P.C.
+65.1			4.12	859.79	" "
+99.7			9.61	854.10	30.8 left (flow line) & box culvert
T.P.			0.54	863.37	T.P.
	10.89	874.26			
3+00			10.49	863.77	P.I.
+53.5			5.27	868.49	14.5 right (flow line, 24" Conc. C.I. Culvert)
T.P.			0.42	873.84	T.P.
	1.20	874.93			
3+93.41			5.60	879.13	P.I. #3A (Eq. 213) P.I.
4+00.0			4.52	880.11	
T.P.			0.34	884.59	T.P.
	11.12	895.71			
+50			7.90	887.81	P.I.
5+00			1.43	894.28	"
T.P.			1.25	894.46	T.P.
	5.47	899.93			
"V.V.-1"			3.41	696.52	T.B.M. "V.V.-1" F.B. F.B.
T.B.M.					Valley View Drive. So. side. @ 5+21 & 12.0 left
	11.40	907.92			2 Bt. spks. to Transformer Pole # 1199344E.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	VALLEY VIEW DR.
		907 92			
5+32 41			[illegible]	897 66	P.I. #4A (Pg. 214) Print.
+50			[illegible]	898 94	Print.
6+00			3 89	904 23	"
T.P.			0 58	907 34	T.P.
	11 64	918 98			
+50			8 29	910 69	Print.
+65			6 01	912 97	"
[illegible]			[illegible]	913 13	P.I. #5A (Pg. 215)
+73			4 77	914 21	Print.
7+08			0 29	918 69	"
T.P.			0 49	918 49	T.P.
	11 27	929 76			
7+[illegible]			11 08	918 68	17.5 [illegible] 24" Corr. Cal. [illegible]
+50			2 76	927 00	Print.
+51 7			6 36	923 40	12.0 Right [illegible] " "
T.P.			0 30	929 46	T.P.
	11 52	940 98			
8+00			4 32	936 66	Print.
8+19 12			0 75	940 23	" P.I. #6A (Pg. 216)
T.P.			0 32	940 66	T.P.

F.B. 3108 Pg. 258
Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of VALLEY VIEW DRIVE Date ____ Date ____ No. ____
Survey by R.C. BOWEN Notes Smiley Notes Chkd. Fitch Checked ____ X-Sec. ____
Indexed E. J. GAIN Date ____ Date 3-63 Date ____ No. ____

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.	VALLEY VIEW DR.	
T.P.				940 66	T.P.	
	11 73	952 39 ✓				
8+50			5 63	946 76 ✓	Print	
T.P.			0 28	952 11 ✓	T.P.	
	11 56	963 67 ✓				
+82			8 67	955 00 ✓	Print (edge)	
9+00			3 75	959 92 ✓	7° Left Print (ctr.)	
T.P.			0 21	963 46 ✓	T.P.	
	11 46	974 92 ✓				
+35			5 90	969 02 ✓	Print (edge)	
+50			2 63	972 29 ✓	"	
T.P.			0 32	974 60 ✓	T.P.	
	11 05	985 65 ✓				
+63			11 41	974 24 ✓	19° Right. (calc. ~ flow line 15" Corr. G.I. Culvert)	
+77			8 41	977 24 ✓	Print (edge)	
10+03 4			6 30	979 35	1° Left (flow line 15" Corr. G.I. Culvert)	
+18			4 11	981 54 ✓	Print (edge)	
T.B.M. VV-2"			2 32	983 33 ✓	T.B.M. "V.V.-2" Elev.	F.B.
					Valley View Drive. East Side. @ 10+25 3 & 15 ft. Rt.	
					2 Bt. spk. in W. si. P.P. # 340226 E.	
	10 96	994 29 ✓				

Profile Notes Red ____ Plotted ____ Job No. 22154 Division No. ____ F.B. 3108 PG. 259
No. ____ Date ____ Date ____ Survey of VALLEY VIEW DR.
X-Sec. Notes Chkd. F. Fick Checked ____ Survey by R.C. Powers Notes Smiley Date 2/63
No. ____ Date 3-63 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.	VALLEY VIEW DR.
		994 29			
10+50			10 30	983 99	Prmt.
11+00			3 30	990 99	"
T.P.			0 30	993 99	T.P.
	10 12	1004 11			
+35			7 24	997 07	Prmt. (edge)
+50			4 80	999 31	" 7° Rt (ctr.)
+62 2			4 50	999 61	2 5 Rt. top 2" G.I.P.)
"			6 23	997 88	15° " (")
[illegible]					
+13			3 76	1000 33	Prmt. (edge)
+50			4 66	999 45	"
13+00			5 18	998 93	"
+32			4 84	999 27	" (edge)
T.B.M. "V.V.-3"			3 08	1001 03	Set T.B.M. "V.V.-3" Elev.
	10 44	1011 47			Valley View Drive (North side) 13+53 & 10 ft. Right.
					Top of 4" Stand pipe (set in concrete 24" above Gnd.) Cut Cross.
+57			12 10	999 37	Prmt. (edge)
14+00			3 24	1003 41	" (")

F.B. 3108 Pg. 260 Job No. 221514 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of VALLEY VIEW DR. Date ____ Date ____ No. ____
Survey by RC Bowers Notes Smiley Notes Chkd. Fitch Checked ____ X-Sec. ____
Indexed E. J. GAULT Date ____ Date 3-63 Date ____ No. ____

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.	VALLEY VIEW DR.	
		1011 47				
14+12			7 44	1004 03 ✓	Print (edge)	
+17 3			11 79	999 68 ✓	20 5 Rt. flowline	18" Corr. G.I. Culvert
+25 9			7 75	1003 72 ✓	8 0 Lt. " "	" " "
+50			2 46	1009 01 ✓	Print.	
T.P.			0 32	1011 15 ✓	T.P.	
	11 63	1022 78 ✓				
+82			9 93	1012 85 ✓	Print (edge)	
15+00			8 55	1014 23 ✓	11 0 Lt. Print (edge)	
+28			4 55	1018 23 ✓	Print (edge)	
T.P.			0 50	1022 28 ✓	T.P.	
	11 55	1033 83 ✓				
+50			11 55	1022 28 ✓	Print.	
16+00			1 52	1032 31 ✓	Print.	
T.P.			0 45	1033 38 ✓	T.P.	
	11 76	1045 14 ✓				
+26			7 55	1037 59 ✓	Print (edge)	
16+31 72		Not taken			P.I. #12A (Pg. 220)	
+50			4 60	1040 54 ✓	Print.	
T.P.			0 44	1044 70 ✓	T.P.	
	8 70	1053 40 ✓				

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____ 3108 261
No. ____ Date ____ Date ____ Survey of VALLEY VIEW DR.
X-Sec. Notes Chkd Fitch Checked ____ Survey by RC Bowers Notes Smiley Date 2/63
No. ____ Date 3-63 Date ____ Map No. ____ Indexed E. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	VALLEY VIEW DR.
		1053 40			
16+84 3			7 14	1046 26 ✓	Prmt. (edge)
+96 51	not taken				
17+03 5			4 31	1049 09 ✓	" "
T.B.M. "V.V.-4"			0 53	1052 87 ✓	Set T.B.M. "V.V.-4" Elev.
	10 99	1063 86 ✓			Valley View Drive. (West side) @ 17+15 8 & 11 2 Bt.
					Bt. set in lead in 6" conc. Wall.
17+50			9 48	1054 38 ✓	Prmt.
18+00			3 50	1060 36 ✓	"
T.P.			0 39	1063 47 ✓	T.P.
	12 00	1075 47 ✓			
+50			0 85	1066 62 ✓	Prmt.
19+00			1 13	1074 34 ✓	"
+10			0 14	1075 33	" (break)
19+14 74			0 43	1075 04 ✓	" Pl. # 14A (Pg 221)
T.P.			0 44	1075 03 ✓	T.P.
	11 47	1086 50 ✓			
+30			9 77	1076 73 ✓	Prmt.
+50			9 41	1077 09 ✓	"
+54			9 24	1077 26 ✓	" (edge)
20+00	not taken				
+10 62	"				Pl. # 15-A (Pg 221)

F.B. 3108 Pg. 262
Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of VALLEY VIEW DR. Date ____ Date ____ No. ____
Survey by RC Bowers Notes Smiley Notes Chkd Fitch Checked ____ X-Sec. ____
Indexed E. J. GAUL Date ____ Date 3-63 Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	VALLEY VIEW DR.
		1086 50			
20+61			1 58	1084 92	Prmit. (edge)
T.P.			0 43	1086 07	T.P.
	11 99	1098 06			
21+00			7 43	1090 63	Prmit.
~~T.P.~~			~~0 40~~	~~1096 66~~	~~T.P.~~
T.P.			0 44	1097 62	T.P.
	11 28	1108 90			
+50			6 69	1102 21	Prmit.
T.P.			0 40	1108 50	T.P.
	11 59	1120 09			
21+90 2			12 12	1107 97	6° Rt. (West) flow line 18" Corr. G.I. Culvert.
22+00			9 01	1111 08	8° Lt. Prmit. (℄)
+07			10 90	1109 19	18 5 Lt. (flow line 18" Corr. G.I. Culvert.)
+45 5			1 60	1118 49	14 7 " (" " 12" V.C.P. Culvert.)
T.P.			0 42	1119 67	T.P.
	12 00	1131 67			
+50			11 17	1120 50	Prmit.
+72 8			9 37	1122 30	13° Lt. (flow line 12" V.C.P. Culvert.)
23+00			0 93	1130 74	Prmit.
T.P.			0 46	1131 21	T.P.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____ 3108 263
X-Sec. No. ____ Date ____ Date ____ Survey of VALLEY VIEW DRIVE
Notes Chkd E. Tech Checked ____ Survey by R.C. Bowers Notes Smith Date 2/63
Date 3-63 Date ____ Map No. ____ Indexed E. J. GAHL Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	VALLEY VIEW DR.
T.P.				1131 21	T.P.
23+09 41	11 43	1142 64			P.I. - 16 A (Pg. 222)
			10 21	1132 43	Point
			5 29	1137 35	P.I. - 17 A (Point)
+ 50			3 14	1139 50	Point
			1 33	1141 31	T.P.
	8 99	1150 30			
23+78			5 64	1144 66	Point (Break)
+ 95 43			3 89	1146 41	P.I. 18 A. (Pg 223)
T.B.M. "V.V.-5"			2 33	1147 97	T.B.M. "V.V.-5" Elev.
	0 19	1148 16			Valley View Dr. & Summit Dr. (S.W. Cor.)
					L. & t. in headwall (East end 6" V.C.P. Culvert)
24+00			1 89	1146 27	Point
+ 50			4 83	1143 33	Point
25+00			11 56	1136 60	"
T.P.			11 50	1136 66	T.P.
	0 99	1137 65			
+ 50			6 78	1130 87	Point
+ 59			9 09	1128 56	5 7 Rt. (flow line) 15" Corr. G.I. Culvert.
25+65 00			8 43	1129 22	P.I. 24 A (Pg. 223)
T.P.			11 09	1126 56	T.P.

F.B. 3108 Pg. 264
Job No. 2215 H Division No. Notes Red Plotted Profile
Survey of VALLEY VIEW DR. Date Date No.
Survey by R.C. Bowers Notes Smiley Notes Chkd. Fitch Checked X-Sec.
Indexed R. J. GALLI Date Date 3-63 Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	VALLEY VIEW DR.
T.P.				1126 56	T.P.
	0 30	1126 86			
25+83 8			3 67	1123 19	16 8 L (No.) flowline 15" Corr. G.I. Culvert.
26+00			2 68	1124 18	Print.
26+22 77			5 95	1120 91	P.I. #28A (Pg. 224) Print.
+50			9 94	1116 92	Print.
T.P.			11 19	1115 67	T.P.
	0 37	1116 04			
27 +00			8 08	1107 96	Print.
T.P.			11 28	1104 76	T.P.
	0 24	1105 00			
+50			6 60	1098 40	Print.
T.B.M. "V.V.-6"			10 75	1094 25	Set T.B.M. "V.V.-6" Elev.
					Valley View Dr. & Basin Drive. (S.W. Cor.)
	0 72	1094 97			Sq. Hd. spk. & t. in Sandstone @ 27+80 & 22 ft. So.
28+00			3 58	1091 39	Print.
28+09 46			4 58	1090 39	P.I. #29A (Pg. 224) Print.
+50			9 53	1085 44	Print.
T.P.			11 21	1083 76	T.P.
	0 39	1084 15			
29+00			6 50	1077 65	⊼ Line

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____ P.B. 3108 PG. 265
X-Sec. No. ____ Date ____ Date ____ Survey of VALLEY VIEW DR.
Notes Chkd. Titch Checked ____ Survey by E.C. Bowers Notes Smith Date 2/63
Date 3-63 Date ____ Map No. ____ Indexed R. J. GALL Date ____

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F. B. 3108 Pg. 266 | Job No. 22515.14 Division No. | Notes Red | Plotted | Profile
Survey of VALLEY VIEW DR. | Date | Date | No. | X-Sec.
Survey by E.C. EDWARDS | Notes | Notes Chkd. Z.H.H. Checked | No.
Indexed G. J. GALLI | Date | Date 3-63 | Date

STATION	B. S.	H. I.	F. S.	ELEV.	VALLEY VIEW DR.
		1084 15			
P-33A					
29+09.63			8 01	1076 14 ✓	℄ Line Pt.
T.P.			11 56	1072 59 ✓	
	0 39	1072 98 ✓			
29+60			3 91	1069 07 ✓	℄ Line
T.P.			11 87	1061 11 ✓	
	0 28	1061 39 ✓			
30+00			2 77	1059 22 ✓	℄ Line
P-34A					
30+26.16			6 77	1055 45 ✓	℄ Line "
30+50			2 32	1052 07 ✓	" "
T.P.			11 74	1019 33 ✓	
	0 73	1050 39 ✓			
31+00			4 29	1045 80 ✓	" "
31+50			10 79	1039 60 ✓	
PI. 35A					
34+06.16			11 42	1038 94 ✓	℄ "
T.P.			11 59	1038 79 ✓	(PI. 35A, So. Edge 3/4" I.P.)
	0 59	1039 38 ✓			
T.B.M. V.V. 7			6 14	1033 24 ✓	T.B.M. V.V.-7 Elev. Set ℄ Stk on Ag. Side of Tree, Pole 1449AY. On So. Side of Valley View Dr. 3H80', So. 13' of ℄
	0 39	1033 63 ✓			
31+98.3			4 06	1029 57 ✓	Ft. 10' F.L. 8' V.C.P.
32+00			2 49	1031 14 ✓	℄ - Bvt

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	VALLEY VIEW DR.
		1033 63			
32+37 2			10 08	1023 55 ✓	Lt. 13.5 F.L. 8" V.C.P.
T.P.			11 53	1022 10 ✓	
	0 35	1022 45 ✓			
32+50			1 36	1021 09 ✓	℄ Pavt
33+00			9 45	1013 00 ✓	" "
T.P.			11 63	1010 82 ✓	
	0 20	1011 02 ✓			
33+ 50			5 85	1005 17 ✓	" "
33+ 77			8 72	1002 30 ✓	" Edge Pavt
33+82 7			9 40	1001 62 ✓	" " "
T.P.			11 96	999 06 ✓	
	0 73	999 79 ✓			
34+00			1 35	998 44 ✓	℄ Pavt
34+50			10 44	989 35 ✓	
T.P.			11 22	988 57 ✓	
	0 25	988 82 ✓			
35+00			8 79	980 03 ✓	
T.P.			11 61	977 21 ✓	(P.I. 37A)
	1 04	978 25 ✓			
X 35+ 16			1 65	976 60 ✓	℄ Edge Pavt

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____ 3/08 267
X-Sec. No. ____ Date ____ Date ____ Survey of VALLEY VIEW DR.
Notes Chkd. F.Tech Checked ____ Survey by R.C. Bowers Notes RCB Date 2/63
Date 3-63 Date ____ Map No. ____ Indexed R. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	VALLEY VIEW DR.
		978 25			
35+36 5			5 55	972 70	℄ Edge Part
+50			6 60	969 65	Print
35+53 5			11 20	966 65	1 5 left (flow line 18" Corr. G.I. Culvert)
T.P.			11 55	966 70	T.P.
	1 64	968 34			
35+87 3			6 20	962 14	18 4 Right (flow line 18" Corr. " "
36+00			5 05	963 29	Print
+12 28			6 40	961 94	" @ Pl. #38F (Pg. 228)
T.B.M. "V.V.-8"			6 41	961 93	Set T.B.M. "V.V.-8" Elev. 961.93 Valley View Dr. & Hillcrest Dr. (S.W. Cor.) Bt. spk. near base of Tel. Pole # 15978-Y
T.P.	0 36	962 29			T.P.
T.P.			11 33	950 96	T.P.
	0 77	951 73			
T.P.			11 46	940 27	T.P.
	0 59	940 86			
			7 99	932 87	Fd. T.B.M. Elev. 932.883 F.B. 3108-27 Northwest Cor. Fernwood & Hillcrest Bt. spk. & W. - Guy Pole # 805619E. up 1'

F.B. 3108 Pg. 268 Job No. 2215.14 Division No. Notes Red Plotted Profile
Survey of VALLEY VIEW DRIVE Date Date No. X-Sec.
Survey by R.C. Bowers Notes Shirley Notes Chkd. Checked Date No.
Indexed C. J. GALLI Date Date

Profile No.	Notes Red	Plotted	Job No. 2215.14	Division No.	3108 269
	Date	Date	Survey of VISION TRAIL		
X-Sec. No.	Notes Chkd. Fitch Date 3-63	Checked Date	Survey by RC Bowers Map No.	Notes RCB Indexed E. J. GALLI	Date 2/63 Date FEB 2 8'63

PROFILE
OF
VISION TRAIL

Valley View Dr. (13+94.63)

To

Valley View Dr. (19+14.74)

J.N. 2215.14

FEB. 1963

REF.
F.B. 3108

PARTY
BOWERS
SMILEY
DOVER
TINDELL

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

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STATION	B. S.	H. I.	F. S.	ELEV.	VISION TRAIL
T.B.M. "V.V.-3"	9 05	1010 08 ✓		1001 03	T.B.M. "V.V.-3" Elev. 1001.03 F.B. 3108-260
					Valley View Drive (Ro[illegible]) 3+53 & 10 ft. [illegible]
					Top 4" stand [illegible] (up 24")
0+00			7 58	1002 50 ✓	Point (Inter. Valley View Dr. & Vision Trail)
+15			4 4	1005 7 ✓	edge (dirt road)
T.P.			0 61	1009 47 ✓	T.P.
	11 31	1020 78 ✓			
+50			5 9	1014 9 ✓	7.5 [illegible]
T.P.			0 [illegible]	1020 39 ✓	T.P.
	12 22	1032 61 ✓			
+75			[illegible] 3	1022 3 ✓	edge [illegible]
+92			4 5	1028 1 ✓	℄ (" ") break
1+00			4 5	1028 1 ✓	℄ " "
+27			2 1	1030 5 ✓	℄ (" ") "
T.P.			0 50	1032 11 ✓	T.P.
	9 93	1042 04 ✓			
+50			6 8	1035 2 ✓	℄ (" ")
T.P.			0 51	1041 53 ✓	T.P.
	12 21	1053 54 ✓			
+95 6			5 7	1047 8 ✓	Gnd. (" ") break
+95 6			5 [illegible]	1048 54 ✓	edge conc. wall [illegible]

F.B. 3108 Pg. 270 Job No. 22154 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of Vision Trail Date ____ Date ____ No. ____ X-Sec. ____
Survey by RC Bowers Notes Smiley Notes Chkd. F. Tch Checked ____
Indexed E. J. GAH Date ____ Date 3-63 Date ____ No. ____

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Profile Notes Red. Plotted Job No. 2215.14 Division No.
No. X-Sec. Date Date Survey of Vision Trail
No. Notes Chkd. 5-7-63 Checked Survey by Bowers Notes Rock Date 2/63
Date 3-63 Date Map No. Indexed C. J. Gatti Date

R.S. 3/68 PG. 27

STATION	B.S.	H.I.	F.S.	ELEV.	VISION TRAIL	
		1053 54 ✓				
2+01.9			4 75	1048 79 ✓		
+13			1 3	1052 2 ✓	base of [illegible] (Brush)	
T.P.			9 92	1052 62 ✓	T.P.	
	9 58	1062 20 ✓				
+13			1 44	1051 76 ✓	℄ top of [illegible] edge asphalt (Brush)	
+45			3 [illegible]	1058 35 ✓	℄ (break) edge asphalt [illegible] (bases of [illegible])	Pedestrian
T.P.			0 [illegible]	1061 40 ✓	T.P.	
	8 21	1070 " ✓				
+45			4 12	1063 95 ✓	℄ (break) top [illegible]	
+62.5			5 5	1064 6 ✓	℄ " toe slope	
+65.46			3 54	1066 6 ✓	R.I. # 11 A. (G.d.)	
+75			1 3	1063 8 ✓	7.0 Ft. ℄ bird drive	
"			9 93	1060 [illegible] ✓	22.5 " ℄ asphalt Drive	
3+00			5 54	1064 55 ✓	6.0 Ft. ℄ " "	
+03.5			1 [illegible]	1065 27 ✓	℄ edge Paint.	
-1+05.9			" [illegible]	1059 05 ✓	26.5 Ft. (fence line 16' Cen. G. & Culvert	
+10.3			6 31	1063 80 ✓	5.2 Left. ("	
+11.0			4 25	1065 86 ✓	Paint. (break)	
T.P.			0 50	1067 61 ✓	T.P.	
	7 56	1077 17 ✓				

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STATION	B. S.	H. I.	F. S.	ELEV.	VISION TRAIL	
		1077 17				
3+50			5 86	1070 31 ✓	Permit	
+89 24			2 [illegible]	1075 06 ✓	[illegible] (Permit) Pg. 2-31	
T.P.			9 78	1067 39 ✓	T.P.	
	0 24	1067 63 ✓				
[illegible]			10 39	1057 24 ✓	T.P.	
	2 25	1059 44 ✓				
T.B.M. V.V.-4"			6 55	1052 89 ✓	T.B.M. "V.V.-4" Elev. 1052.87 [illegible] 3108-262 Valley View Drive [illegible] 7+15.8 [illegible] 11.2 Rt. [illegible]	

F.B. 3108 Pg. 272 Job No. [illegible] Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of Vision Trail Date ____ Date ____ No. ____ X-Sec. ____
Survey by [illegible] Notes [illegible] Notes Chkd. [illegible] Checked ____ Date ____ No. ____
Indexed C. I. GAN Date ____ Date 3-63

Profile No.	Notes Red	Plotted	Job No. 2215.14	Division No.	3108	273
	Date	Date	Survey of SUMMIT DRIVE			
X-Sec. No.	Notes Chkd. Fitch	Checked	Survey by R.C. BOWERS	Notes RCB	Date 2/63	
	Date 3-63	Date	Map No.	Indexed C. J. GALL	Date 2-26-63	

PROFILE

OF

SUMMIT DRIVE

VALLEY VIEW DRIVE

TO

SKYLINE TRAIL

J.N. 2215.14

FEB 1963

REF.

F.B. 3108

PARTY

BOWERS

SMILEY

DOVER

TINDELL

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

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STATION	B.S.	H.I.	F.S.	ELEV.	SUMMIT DRIVE
T.B.M. "V.V.-5"				1147 97	T.B.M. "V.V.-5" Elev. 1147 97 F.B. 3108-2.64
	0 80	1148 77			Valley View Dr. & Summit Dr. (S.W. Cor.)
					L.&t. in headwall. (E. end 6" V.C.P. Culvert)
0+00			[illegible]	1137 36	Pmt. (℄ int. Valley View & Summit Dr.)
+10 2			9 50	1139 18	" (edge) & base of terraced [illegible]
T.P.	8 32	1156 29	0 80	1147 97	T.P.
+24 4			6 51	49 78	⊼ line (Gravel Drive)
+31 3			10 56	45 73	36 [illegible]
+38 6			9 38	46 91	31 5 " " " Summit Dr. break
+51 [illegible]			6 21	50 08	22 5 " " " "
+56 4			2 18	54 11	8 8 " " " "
T.P.			0 36	1155 93	T.P.
	10 90	1166 83			
+84 4			9 13	57 70	8° " Ctr. Pmt. Summit Dr.
1+00			6 65	60 18	6° left (" " ")
+21			3 14	63 69	⊼ line (" " ")
T.P.			1 76	1165 07	T.P.
+33 8	10 82	1175 89	10 84	65 05	E.C. #20 A (Pmt.) [illegible] 235
+50			8 95	66 94	Pmt.
2+00			4 50	71 39	"
T.P.			0 26	1175 63	T.P.
	3 95	1179 58			
+50			0 28	1179 30	

F.B. 3108 Pg. 274
Job No. 22151 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of SUMMIT DRIVE Date ____ Date ____ No. ____
Survey by R.C. BOWERS Notes SMILEY Notes Chkd. Fitch Checked ____ X-Sec. ____
Indexed [illegible] GAM Date ____ Date 3-63 Date ____ No. ____

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.	SUMMIT DRIVE	
		1179 58				
2+55 2			3 65	1175 93	(edge) Print.	
+97			2 60	76 98	" "	
3+00			2 76	76 82	Print.	
+18			4 02	75 56	(edge) Print.	
"			4 46	75 12	20° Rt. " (Ctr.)	
"			3 98	75 60	9° Lt. " (Ctr.)	
+44 78			6 7	72 9	P.I. #22A (Gnd) Pg. 236	
"			6 99	72 59	22' Rt. Print (Ctr.)	
"			6 64	72 94	13 Lt. " "	
+46 3			6 95	72 63	edge Print. (π line)	
+56			7 34	72 24	Print.	
"			8 03	71 55	25' Rt. (edge) Print.	
"			7 22	72 36	13 5 Lt. (") "	
+68			7 58	72 00	edge Print. (π line)	
T.B.M. "S-1"			0 51	1179 07	T.B.M. "S-1") Elev.	F.B.
	0 47	1179 54			Summit Drive (So. Side)	
					Lg. Bt. spk. (near base) in No. Side P.P. #1143390 E	
T.P.	0 43	1168 35	11 62	1167 92	T.P.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 22 15 14 Division No. ____ 3/08 275
X-Sec. No. ____ Date ____ Date ____ Survey of SUMMIT DRIVE
Notes Chkd. Fitch Checked ____ Survey by RC Bowers Notes Smith Date 2/63
Date 3-63 Date ____ Map No. ____ Indexed C. J. BATH Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	SUMMIT DRIVE
P.		1168 35	9 99	1158 36	P.
	9 79	1159 06			
T.B.M. "V.V.-5"			11 08	1147 98	T.B.M. "V.V.-5" Elev. 1147 97 F.B. 3108-264 Valley View Drive & Summit Dr. (S. [illegible]) Lift in headwall (E. end 6" V.C.P. [illegible])

F. B. 3108 PG. 276

Job No. 22154 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of SUMMIT DRIVE Date ____ Date ____ No. ____ X-Sec. ____

Survey by R.C. BOWER Notes SMILEY Notes Chkd. [illegible] Checked ____ No. ____

Indexed ____ Date ____ Date ____ Date ____

E. J. [illegible]

Profile No. | Notes Red YMC | Plotted | Job No. 2215.14 | Division No. | 3108 277
Date 3-3-63 | Date | Survey of SKYLINE TRAIL
X-Sec. No. | Notes Chkd. | Checked | Survey by R C Bowers | Notes R C B | Date 2/63
Date | Date | Map No. | Indexed E. J. GALL | Date FEB 28 '63

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PROFILE
OF
SKYLINE TRAIL

Summit Drive
To
P.I. 4 of SKYLINE Trail

#1
Valley View Drive
To
So. Lot line, Lot 15, Block 17

J.N. 2215.14

FEB. 1963

STATION	B.S.	H.I.	F.S.	ELEV.
			REF. F.B. 3108	

PARTY
BOWERS
SMILEY
DOVER
TINDELL

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	SKYLINE TRAIL
T.B.M. "S-1"	6.19	1185.26		1179.07	T.B.M. "S-1" Elev. 1179.07 F.B.
					Summit Dr. (Sc. Side)
					Lg. St. Spk. (near base) in No. Side P.R. #1143390E.
Note:					
0 — 12			11.00	[illegible]	55° left (toe of [illegible]) Ctr. Trail Skyline Trail
0 + 00			5.16	1180.10	31° " (Ctr.) Pnt.
T.P.			0.70	1184.56	T.P.
	10.89	1195.45			
+ 12			10.00	[illegible]	16 [illegible]
+ 25			5.33	[illegible]	6 " (") "
T.P.			0.21	1195.24	T.P.
	10.65	1205.89			
[illegible]			8.67	[illegible]	℄ Pnt.
+ 50.89			[illegible]	1200.19	4.8 [illegible]
"			5.78	1200.[illegible]	0.7 [illegible] " " " "
0 + [illegible]			1.55	1204.34	5.6 Rt. [illegible]
"			1.59	1204.[illegible]	0.4 " " " [illegible] "
T.P.			0.34	1205.55	T.P.
	11.67	1217.22			
+ 96			7.17	1210.05	1.7 (left) Ctr. Rt. [illegible]
"			6.99	1210.23	6.8 (") " Lt. " "
T.P.			0.48	1216.74	T.P.

F.B. 3108 PG. 218
Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of SKYLINE TRAIL Date ____ Date ____ No. ____
Survey by R.C. Bowers Notes Smiley Notes Chkd. [illegible] Checked ____ X-Sec. ____
Indexed C. J. CAIN Date ____ Date 3-3-63 Date ____ No. ____

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Profile No. ____ Notes Red. JMG Plotted ____ Job No. 225.1 Division No. ____ 1 3/05 277
X-Sec. No. ____ Date 3-3-63 Date ____ Survey of SKYLINE TRAIL
Notes Chkd. ____ Date ____ Checked ____ Survey by RCBowers Notes Traiky Date 2.163
Map No. ____ Date ____ Indexed C. J. [redacted] Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	SKYLINE TRAIL	
T.P.				1216.74	T.P.	
	10 93	1227 67				
1+55			6 56	1221 11	1 2 Lt. (Sta. 1+55) Left Hand Slope	
"			" 2 "	1223 35	" 1 " (" ") Lt. " "	
T.P.			5 50	1227 17	T.P.	
	10 77	1237 94				
+87			9 53	1228 31	1 Rt. (Sta. 1+87) Rt. Hand Slope	
"			" 2 "	1227 95	3 Lt. (" ") Lt. Hand Slope	
12+00		Sta. Lt.				
2+32			2 37	1235 57	3 Rt. (" ") Rt. " "	(Brush)
+43			6 65	1237 09	6 Lt. (" ") Lt. " "	(" ")
T.P.			6 65	1237 34	T.P.	
	11 51	1248 85				
T.B.M. "SK-L-1"			6 43	1242 42	T.B.M. "SK-L-1" Elev.	F.S.
	11 13	1253 55			Skyline Trail (Sta. Side) 0+12+43 Left (Lt.) Side	
					Left in ~~(Rt.)~~ Slope. Hand Slope.	
T.P.			6 23	1253 32	T.P.	
	11 66	1264 98				
3+00		Sta. Lt.				
+34			7 42	1257 56	1 0 Lt. (Sta.) Lt. Hand Slope	
"			7 62	1257 36	3 2 Lt. (" ") Lt. " "	"

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F. B. 3108 Pg. 2-3 | Job No. 22514 Division No. | Notes Red | Plotted | Profile
Survey of SKYLINE TRAIL | Date | Date | No. | X-Sec.
Survey by EC BOWERS Notes SALLEY | Notes Chkd. JMC | Checked | No.
Indexed E. J. GALLI Date | Date 3-3-63 | Date

STATION	B. S.	H. I.	F. S.	ELEV.	SKYLINE TRAIL
		1264.8			
3+54.8			3.2	1261.6	2.5 K.I. (2") RI. [illegible] (R.I. @ 13.20
			3.1	1261.5	2.3 LT. [illegible]
TP			3.8	1264.6	TP
	6.20	1272.8			
+72.3			7.7	1264.5	12.3 K.I. (Top pipe)
+73.2			2.2	1264.7	0.6 K.I. [illegible]
			3.0	1260.2	[illegible]
4+00			4.3	1268.3	K.I. [illegible]
				1268.2	6.2 [illegible]
TP			2.6	1277.5	TP
	12	1283.1			
+61				1277.9	[illegible]
			5.2	1277.9	14.3 [illegible]
			5.0	1278.2	4.5 [illegible]
+66.5			4.9	1278.5	[illegible]
			4.9	1279.3	[illegible]
			4.2	1278.9	1.3 [illegible]
+89			3.5	1280.7	[illegible]
T.B.M. "Sky-1-2"			6.45	1283.2	T.B.M. "Sky-1-2" Elev. [illegible]
	6 7.6	1283.0			Skyline Trail @ RI. #5 (2+22.2')

T.B.M. Bronze disc in concrete plug in 3/4" I.P. (RS 240)

76-L298 CE 307 3-61

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Profile Notes Red DHC Plotted Job No. 22514 Division No. 1
No. X-Sec. Notes Date 3-3-63 Date Survey of Skyline Trail
No. Notes Chkd. Checked Survey by EC Bowers Notes Smiley Date 2/63
Date Date Map No. Indexed G. J. GALI Date 3/08 '63

STATION	B.S.	H.I.	F.S.	ELEV.	SKYLINE	TRAIL
		1283.99				
5+05			3.3	1280.7	G.L. (edge Road)	
(+23 Lt			3.20	1280.29	T. line (edge) asph. Rd.	
"			3.41	1280.38	Lt. Sp. (")	"
"			3.---	1280.12	14 Lt. (")	"
+22 Rt			3.05	1280.61	2 Lt. (Sp.) Power Pole Guy Wire	Valve Cover/Manhole
5+50			2.79	1275.20	T. line (asphalt pavement)	
			2.86	1275.13	E. Lt. (edge) asphalt pavement	
			2.82	1275.17	W. Lt. (edge) asphalt pavement	
T.P.			11.22	1272.37	T.P.	
	0.30	1272.77				
			3.50	1269.27		
T.B.M. "SK-L-3"			1.79	1270.98	T.B.M. "SK-L-3" Elev.	F.S.
					Skyline ~~Trail~~ (So. Side) 5+86 3 ft 2 ft Lt (So.)	
	0.55	1271.53			Lg. Oak Spk. near base (N. Si.) 1 1/2" # 583897E.	
T.P.			11.29	1260.29	T.P.	
	1.62	1261.86				
T.P.			11.43	1250.43	T.P.	
	1.15	1251.61				
			11.42	1240.19	T.P.	
	0.73	1240.92				

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STATION	B.S.	H.I.	F.S.	ELEV.	SKYLINE TRAIL	
		1240.92				
T.P.			11.40	1229.52	T.P.	
	0.57	1230.09				
T.P.			11.83	1218.26	T.P.	
	0.57	[illegible]				
T.P.			[illegible]	1206.89	T.P.	
	0.29	1207.18				
T.P.			10.73	1196.45	T.P.	
	0.79	1197.24				
T.P.			11.77	1185.47	T.P.	
	0.23	1185.70				
T.P.			11.84	1173.84	T.P.	
	0.41	1174.25				
T.P.			11.35	1162.90	T.P.	
	0.39	1163.29				
T.P.			11.28	1152.01	T.P.	
	0.62	1152.63				
T.B.M. "SK-L-4"			7.40	1145.23	T.B.M. "SK-L-4" Elev.	F.B.
	0.26	1145.49			Skyline Trail (West Sp.)	2+08.2 & 13.3 (Rt.) [illegible]
					Lg. Rt. [illegible] (near base)	P.P. # (No Number)
			2.41	1143.08	T.P.	

F.B. 3108 Pg. 282 Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of SKYLINE TRAIL Date ____ Date ____ No. ____ X-Sec. ____
Survey by RC Bowers Notes Smiley Notes Chkd. GMC Checked ____ No. ____
Indexed C. J. GALLI Date ____ Date 3-3-63 Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	SKYLINE TRAIL
T.P.				1143 08	T.P.
	6 60	1149 68			
T.B.M. V.V.5			1 67	1148 01	T.B.M. V.V.5 Elev. 1147.97 F.B. 3108-264 Valley View Dr. & Summit Dr., S.W. Cor., L.A.T. in head East end of ~~[illegible]~~, 6" V.C.P. Culvert
					PROFILE of SKYLINE TRAIL Valley View Drive to So. Lot Line, Lot 15, Block 17
T.B.M. "SK-L-4"	0 17	1145 40		1145 23	T.B.M. "SK-L-4" Elev. 1145.23 F.B. 3108-282 Skyline Trail (West Side) @ 2+08.9 & 13.9 Rt. (West) Lg. Bt. spk. (near base) P.P. # (No Number.)
0+00			0 27	1145 13	P.I. #1 (Pg. 242) Print
+50			1 99	43 41	Print
1+00			4 40	41 00	"
+35			5 19	40 21	" (bk)
"			9 48	35 92	14.0 left (flow line 12" Corr. G.I. Culvert)
+51			7 17	38 23	9.3 Right (" " " ")
+59 98			4 96	40 44	P.I. #2 (Pg. 242) Print
+80			4 20	41 20	Print (break)
2+00			3 05	1142 35	"

Profile No. ____ Notes Red SMC Date 3-3-63 Plotted ____ Date ____ Job No. 2215.14 Division No. ____ 3108 283
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of SKYLINE TRAIL Survey by R.C. Bowers Notes Smith Date 2/63
Map No. ____ Date ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	SKYLINE TRAIL
		1145 40			
T.P.			0 25	1145 15	T.P.
	4 85	1150 00			
2 + 43 01			4 36	1145 64	P.I. #3 (Pg.) Print
+ 56			3 75	46 25	Print (break)
+ 83			3 75	46 25	" (")
3 + 46 55			5 62	44 38	" (P.I. #1A) also break
+ 53 5			5 88	44 12	" (flow line X Gutter)
+ 60 0			5 39	44 61	" (break)
+ 96 0			3 50	46 50	" (") edge Print
4 + 00			2 78	47 22	7° Rt. (ctr) Print
T.P.			0 37	1149 63	T.P.
	11 17	1160 80			
+ 50			5 84	54 96	6° Rt. (ctr) "
+ 70			2 16	58 64	Print (edge)
T.P.			0 30	1160 50	T.P.
	11 16	1171 66			
5 + 00			6 85	1164 81	Print
T.P.			0 47	1171 19	T.P.
	7 46	1178 65			
+ 37			4 68	1173 97	Print (bk. in Grade)

F.B. 3108 Pg. 284 Job No. 2215.14 Division No. Notes Red Plotted Profile
Survey of SKYLINE TRAIL Date Date No. X-Sec.
Survey by RC Bowers Notes Survey Notes Chkd. GMC Checked No.
Indexed Date Date 3-3-63 Date

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STATION	B.S.	H.I.	F.S.	ELEV.	SKY LINE	TRAIL
		1178 65				
+ 42			3 82	1174 83	Pmt. (break in grade)	
5+61 08			2 15	76 50	P.I. #	
+ 71 1			1 24	77 41	Pmt. (end.)	
T.B.M. SK-L-5			2 08	1176 57	T.B.M. SK-L-5	
					Skyline Trail (s'ly end.) 16 ft. L.(E) & 8 ft. S'ly of P.I. A L.&T. in top Sandstone Bldr.	
				1176 57	T.B.M. SK-L-5 (above)	
	1 00	1177 57				
T.P.			11 68	1165 89	T.P.	
	0 70	1166 59				
T.P.			11 68	1154 91	T.P.	
	0 52	1155 43				
T.P.			10 13	1145 30	T.P.	
	5 23	1150 53				
			5 30	1145 23	T.B.M. "SK-L-4" Elev. 1145.23 F.S. 3108-282	
					Skyline Trail (West side) @ 2+08 9 & 13 9 Rt. (W.)	
					Lg. Bt. spk (near base) P.P. # (No Number)	

Profile No. ____ Notes Red XMC Plotted ____ Job No. 22154 Division No. ____ 3108 285
X-Sec. No. ____ Date 3363 Date ____ Survey of SKYLINE TRAIL
Notes Chkd. ____ Checked ____ Survey by RCBowers Notes Smith Date 2/63
Date ____ Date ____ Map No. ____ Indexed C. J. GAUL Date ____

F.B. 3108 Pg. 286

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. MMC Checked _____ X-Sec.

Indexed J. GAHA Date _____ Date 5-3-69 Date _____ No. _____

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

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Profile No. Notes Red KMG Plotted Job No. 2215.14 Division No. 1 3108 287

X-Sec. No. Date 3-3-63 Date Survey of BASIN DRIVE

Notes Chkd. Checked Survey by RC Bowers Notes RCB Date 2/63

Date Date Map No. Indexed E. J. [illegible] Date FEB 28 '63

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PROFILE

OF

BASIN DRIVE

Valley View Drive

To

Fernwood Pacific Drive

J.N. 2215.14

FEB 1963

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

REF

FB 3108

PARTY

Bowers

Smiley

Dover

Tindell

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Profile Plotted ____ Notes Red ____ Division No. ____ Job No 3215.14 Basin Drive
Survey of Basin Drive Date ____ No. ____ X-Sec. ____
Survey by RC Bowers Notes Smiley Notes Chkd Date 3-2-63 Checked ____
Indexed C. J. Date ____ Date ____ No. ____
F.B. 3108 Pg. 288

STATION	B.S.	H.I.	F.S.	ELEV.	Basin Drive	
T.B.M. V.V.-6"				1094.25	T.B.M. "V.V.-6" Elev.	1094.25 F.B. 3108-288
	0.83	1095.08			Valley View Dr. & Basin Dr. (S.W. Cor.)	
					Sta. 27+80, 22 ft. Lt.	
0+20			5.83	1089.25	Road (grade ok)	
+50			5.84	1088.24	" "	
1+00			11.36	1083.72	"	
TP.			11.88	1083.20	TP.	
	1.01	1084.21				
+50			3.00	1081.21	14² (1 eff.) Ctr. Road	
+73			5.11	1079.10	edge "	
+85			7.31	1076.90	3.5 AC (Basin Dr. 18' from C.L. Basin)	
Note: 2+02.3			10.34	1073.87	1.5 AC (" " ")	
2+00			6.25	1077.96	Road.	
-50			7.00	1077.21	"	
3+00			10.46	1073.75	"	
TP.			11.74	1072.47	TP.	
	0.28	1072.75				
+44.45			2.57	1070.18	R.R. Tk. (Sig. 2401)	
+69.5			5.00	1067.75	Road (Ctr. Basin Drive)	
4+00			9.40	1063.35		
TP.			10.71	1062.04	TP.	

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.	BASIN DRIVE
T.P.				1062.04	T.P.
	0.28	1062.32			
4+50			5.20	~~1061~~ 1057.12	Prmt. (edge)
5+00			9.39	1052.93	10° Rt. (ctr.) Prmt.
T.P.			10.90	1051.42	T.P.
	1.35	1052.77			
+40			3.70	1049.07	Prmt (edge.)
+46.20			5.25	1047.52	Int. (Pg. 248) Prmt.
T.B.M.			2.77	1050.00	T.B.M. "B-1"
	0.42	1050.42			Basin Drive. (West Side) 7° W'ly of (3/4" I.P. @) Int. 5+65.33
					Lg. Bt. spk (near base) T. Pole #14536-Y
5+75.0			2.96	1047.46	Prmt. (edge)
6+00			6.71	1043.71	"
T.P.			11.59	1038.83	T.P.
	0.90	1039.73			
+50			2.79	1036.94	Prmt.
+86.18			7.63	1032.10	" (P.I. #43A) Pg. 248
T.B.M. "B-2"			5.45	1034.28	T.B.M. "B-2"
	0.47	1034.75			Basin Drive (No. Side) @ 6+74 & 25 ft (N'ly)
					Bt. spk. in lead in S.E. Cor. (Garage floor apron)
X 7+00			4.81	1029.94	Prmt.

Profile No. ___ Date 3-3-63 Notes Chkd. ___ Date ___ Plotted ___ Date ___ Job No. ___ Division No. ___
X-Sec. No. ___ Date ___ Notes Chkd. ___ Date ___ Checked ___ Date ___ Survey of BASIN DRIVE
Survey by R.C. Bowers Notes Smiley Date 2/63
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.	BASIN DRIVE
		1034.75			
T.P.			11.55	1023.21	T.P.
	0.45	1023.66			
7+50			.38	1022.38	Print.
7+67.35			3.[illegible]	1020.25	Print. (E.C. #42) [illegible]
8+00			7.42	1016.24	Print.
+36.34			1.76	1011.90	Print. (B.C. #42)
T.P.			11.74	1011.92	T.P.
	0.88	1012.80			
+50			2.46	1010.32	Print.
9+00			9.[illegible]	1003.78	
T.P.			[illegible]	1001.[illegible]	T.P.
	0.84	1002.25			
+50			5.[illegible]	997.[illegible]	Print.
+70			6.[illegible]	995.36	
+77.29			7.55	995.20	P.I. #41 [illegible] Dr. & Fernwood Pacific Dr.
B.M. "F-3"			4.53	997.72	B.M. "F-3" Elev. 997.748 F.B. 3108-26 Basin Drive & Fernwood Pacific (N.W.Cor.) Std. Brass Tap (B.M.) Mon.

F.B. 3108 Pg. 290

Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BASIN DRIVE Date ____ Date ____ No. ____

Survey by RC Bowen Notes Survey Notes Chkd [illegible] Checked ____ X-Sec. ____

Indexed C. J. GAULT Date ____ Date 3-3-63 Date ____ No. ____

No. Date 3-3-63 Date Survey of HILLCREST DRIVE

X-Sec. Notes Chkd. Checked Survey by PCBowers Notes RCB Date 2/[illegible]/63

No. Date Date Map No. Indexed G. J. GALLI Date

PROFILE
OF
HILLCREST DRIVE

Valley View Drive
To
Fernwood Pacific Drive

J.N. 2215.14

FEB. 1963

REF.

F.B. 3108

PARTY

BOWERS
SMILEY
DOVER
TINDELL

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

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76-L288 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HILLCREST DRIVE
T.B.M. "V.V.-8"				961.93	T.B.M. "V.V.-8" Elev. 961.93 F.B. 3108-268
	1.88	963.3			Valley View Dr. & Hillcrest Dr. (S.W. Cor.)
					[illegible] of Tel. Pole # 15978-Y
0+00			1.55	961.94	Print
+20			2.44	961.15	" [illegible] of Tel. Pole # 15978-Y.
+50			5.32	958.40	"
1+00			9.36	954.45	"
+30			[illegible]	952.43	" (bl. in [illegible])
T.P.			11.83	[illegible]	T.P.
	0.28	[illegible]			
+50			0.70	951.52	[illegible]
+78.5			1.00	950.27	Print (edge)
+98.5			2.78	949.48	edge ([illegible])
[illegible]			5.50	946.76	Print (edge)
+50			8.40	943.78	"
T.P.			12.00	940.26	T.P.
	0.40	940.66			
3+00			3.08	937.58	Print
+25.5			5.60	935.06	"
"			12.56	928.10	25.5 Rt. (Fl. 24" Corr. Cal. Culvert)
+50			8.14	932.52	Print.

F.B. 3108 PG. 292

Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of HILLCREST DRIVE Date ____ Date ____ No. ____ X-Sec. ____

Survey by RC Bowers Notes Sewley Notes Chkd. [illegible] Checked ____

Indexed C. J. GAIN Date ____ Date 3-3-63 Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HILLCREST DRIVE
		240 66			
3+53 44			8 54	932 12	P.I. # 154A (Pvmt.)
3+58			9 03	931 63	Pvmt. [illegible]
	10 70 [illegible]		12 36	922 30	(49° Lt. beyond P.I. (above) on line Prod. & 4° Rt. [illegible] (F.L. 24" Corr. G.I. Culvert.)
	[illegible]				
	[illegible]				
	8.36		.79	932 87	Txt. M. Elev. 932.883 F.B. 3108-27
					[illegible]
					Bt. spk. & W. (up 1') in P.P. # 805610 E.

Profile Notes Red [illegible] Plotted _____ Job No. 2215.14 Division No. _____ F.B. 3108 Pg. 293
No. _____ Date 3-3-63 Date _____ Survey of HILLCREST DRIVE
X-Sec. Notes Chkd. _____ Checked _____ Survey by RCBowers Notes Smith Date 2/63
No. _____ Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F. B. 3108 Pg. 274 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date

Survey by Notes Notes Chkd. GMB Checked

Indexed E. J. GALLI Date Date 3-3-63 Date

76-L-98 CE 3-61

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