12-91

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

Survey of	Alameda St.
JN	009672
Tape	Std. °F
Surveyed by	J. H. Brown
Notes	E.S. Date 4-1-66
Indexed	J GA111

F. B. 3248 PG. 5

ALAMEDA ST.

J.N. 009672

CENTERLINE SURVEY

J. Brown
E. Shoemaker
R. Rodriguez
L. Alvarez

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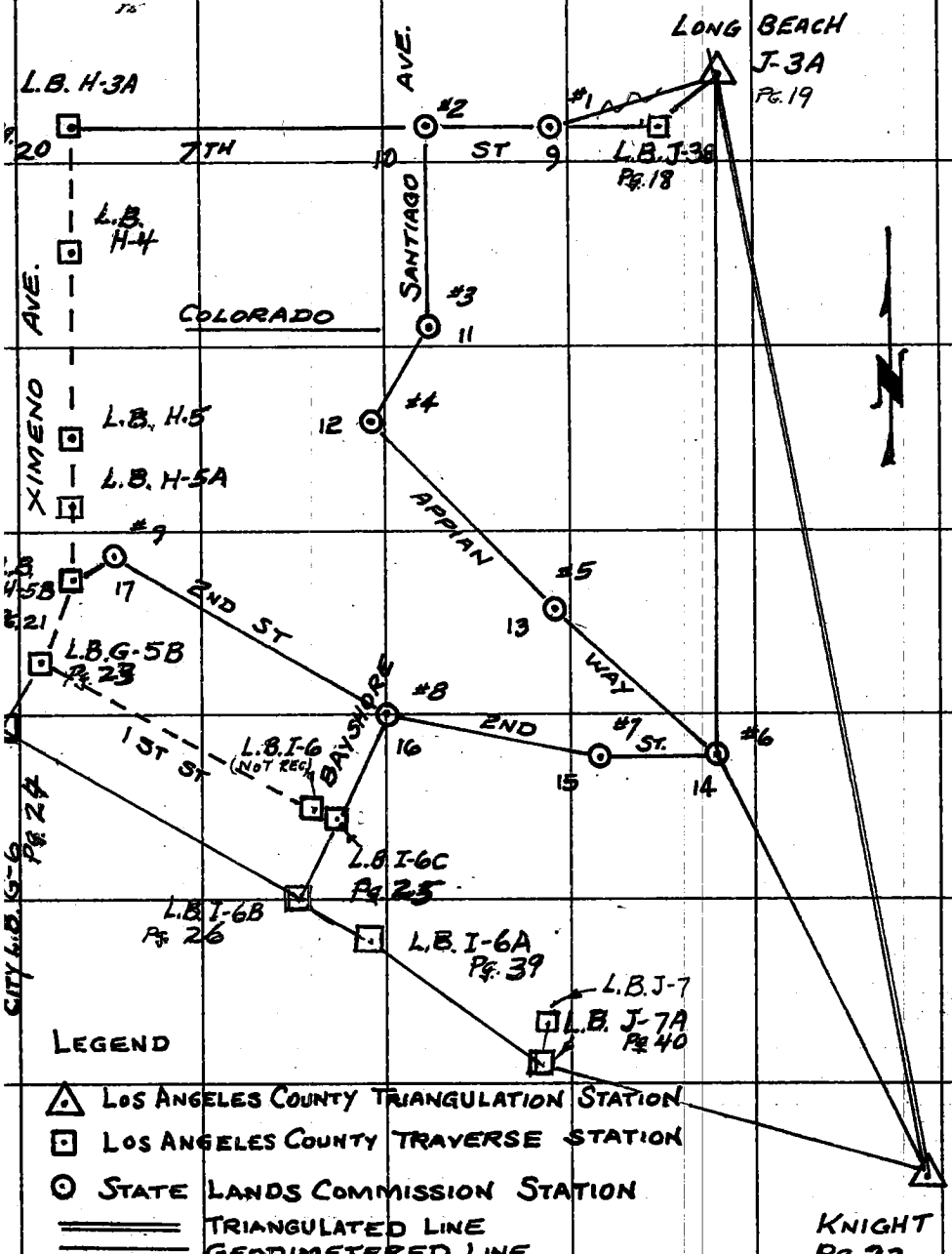
76F309S CE#310 1-65

F. B. 3249 PG. 6

INDEX SKETCH

(SEE PAGE 42 FOR ADDITIONAL TRAV.)



Note: Gen. Index Card
Plan U.S.G.S. Quad. Shts.
Place on Sur. Div. W.S. No.
Sketch on Gen. Resc. Card

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Notes Ck'd by	Survey of ALAMITOS BAY
Map No.	JN 0882.40 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 5-65
Date	Indexed

F. B. 3249 PG. 7

G. I. GALLI

RECOVERY & REFERENCE NEW & OLD STATIONS

STATION			PAGE NO.
S.L.C. #1	℄ INT.	7th ST. & ULTIMO AVE.	9
S.L.C. #2	℄ INT.	7th ST. & SANTIAGO AVE	10
S.L.C. #3	℄ INT.	SANTIAGO AVE & COLORADO ST.	11
S.L.C. #4	℄ INT.	APPIAN WAY & MONROVIA AVE	12
S.L.C. #5	℄ INT.	APPIAN WAY & CLAREMONT AVE.	13
S.L.C. #6		2ND ST. & APPIAN WAY	14
S.L.C. #7	℄ ANGLE PT.	2ND ST. & RAVENNA DR.	15
S.L.C. #8	℄ INT.	2ND ST. & BAYSHORE AVE	16
S.L.C. #9	℄ PROD.	2ND ST. & LIVINGSTON DR.	17
L.B.H-3A	℄ INT.	XIMENO AVE & 7th ST.	20
L.B. J-3A		TOP LONG BEACH VETERANS HOSPITAL	19
L.B. J-3B		7th ST. & BELLFLOWER	18
L.B. H-5B		BENNETT AVE & XIMENO AVE.	21
L.B. K-7 "KNIGHT"		TOP DEPT. W.&P. SEAL BEACH PLANT	22
L.B. G-5B		1ST ST. & XIMENO AVE.	23
L.B. G-6 (CITY L.B)		OCEAN BLVD. & XIMENO AVE	24
L.B. I-6B		OCEAN BLVD. & BAYSHORE AVE	26
L.B. I-6~~B~~C		1ST ST. & BAYSHORE AVE.	25
L.B. I-6A		OCEAN BLVD.	39
L.B. I-7A		OCEAN BLVD & 64th PL.	40
L.B. I-7		64th PL. N. OF OCEAN BLVD.	40

ANGLES & DIRECTIONS MEASURED IN F.B.G. 1109-1 TO 47

F.B.G 1094-19

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76F3095 CE #310 6-63

F. B. 3249 Pg. 8

ELEVATIONS BY DIFFERENTIAL LEVEL TIES

BENCH MARK	TO STATION	PAGE
L.B.B.M #915	TO S.L.C. #1	28
" 113	TO S.L.C. #2	28
121	3	29
505	4	30
119	5	30
120A	6	31
222	7	32
40	8	32
35	9	33
915	TO L.B.J-3B	28
114	H-3A	29

CONT.

L.B.B.M. #747	TO L.B.I-6C	34
U.S.C.&G.S. T-280	L.B.K-7	35
L.B.B.M #35	L.B.H-5B	33
" #39	L.B.I-6B	35
" #966	L.B.G-6	36
" #966	L.B.G-5B	36

GEODIMETER LENGTHS

STATION	TO STATION	F.B.	PAGE
L.B. J-3A	TO L.B.J-3B	3607	15
L.B. J-3A	TO L.B.K-7 (KNIGHT)		16
L.B.J-3A	S.L.C. #1		17
S.L.C #2	S.L.C. #1		18
#2	#3		19
#2	L.B.H-3A		20
#4	S.L.C. #3		21
4	5		22
6	5		23
6	7		24
6	L.B.K-7 (KNIGHT)		25
6	L.B.J-3A		26
8	L.B.I-6C		27
8	S.L.C. 7		28
8	9		29
L.B.H-5B	9		30
L.B.G-5B	L.B.H-5B		31
L.B.G-5B	CITY L.B.G-6		32
L.B.I-6B	" G-6		33
"	L.B.I-6C		34
"	L.B.I-6A		35
L.B.J-7A	" I-6A		36
L.B.J-7A	TO L.B.K-7 (KNIGHT)		37

Noted on Rec. Index Card
Sketch on Rec. Card
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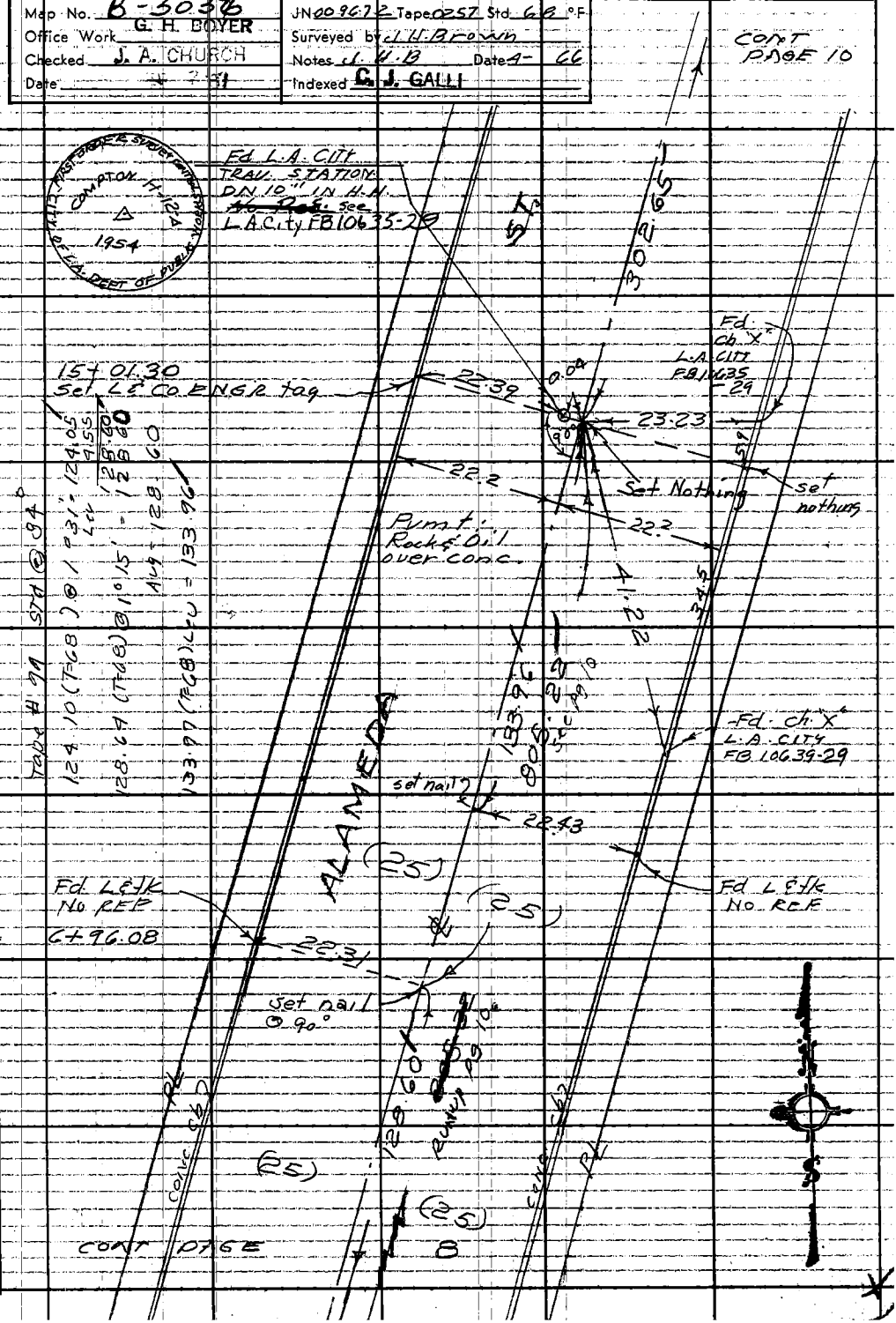
Notes Ck'd by	Survey of ALAMEDA ST
Map No. B-3036	JN 009672 Tape 0257 Std 68 °F
Office Work G. H. BOYER	Surveyed by J. H. Brown
Checked J. A. CHURCH	Notes J. H. B Date 4-66
Date	Indexed C. J. GALLI

F. B. 3248 PG. 9



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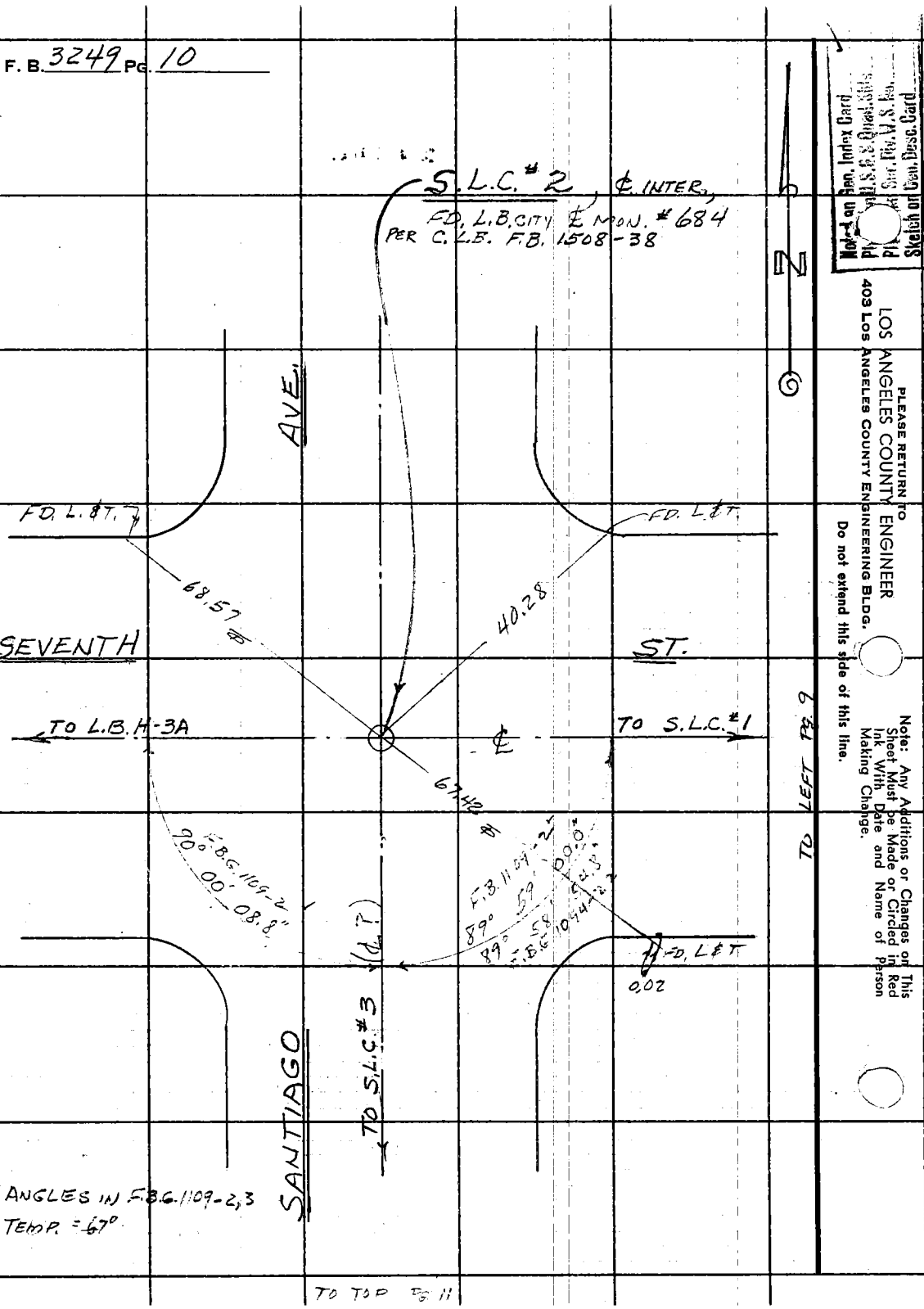
76F309S CE#310 1-65

F. B. 3249 Pg. 10



ANGLES IN F.B.G. 1109-2, 3
TEMP. = 67°

TO TOP PG 11

Noted on Gen. Index Card
Plotted on U.S.G.S. Quad. Sheet
Skeleton Gen. Desc. Card

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Notes Ck'd by A. CHURCH
Map No. B-3036
Office Work G. H. BOYER
Checked J. A. CHURCH
Date 7-67

Survey of ALAMEDA ST
JN 0096-72 Tape 0257 767 Std 51 84 °F
Surveyed by J. H. Brown
Notes J. H. B. Date 4-1-66
Indexed C. J. GAHL

F. B. 3248 PG. 11

1) 179 59 30
4) 359 58 00
6) 359 57 10
Avg = 179 59 32

W.S. 28 D-2

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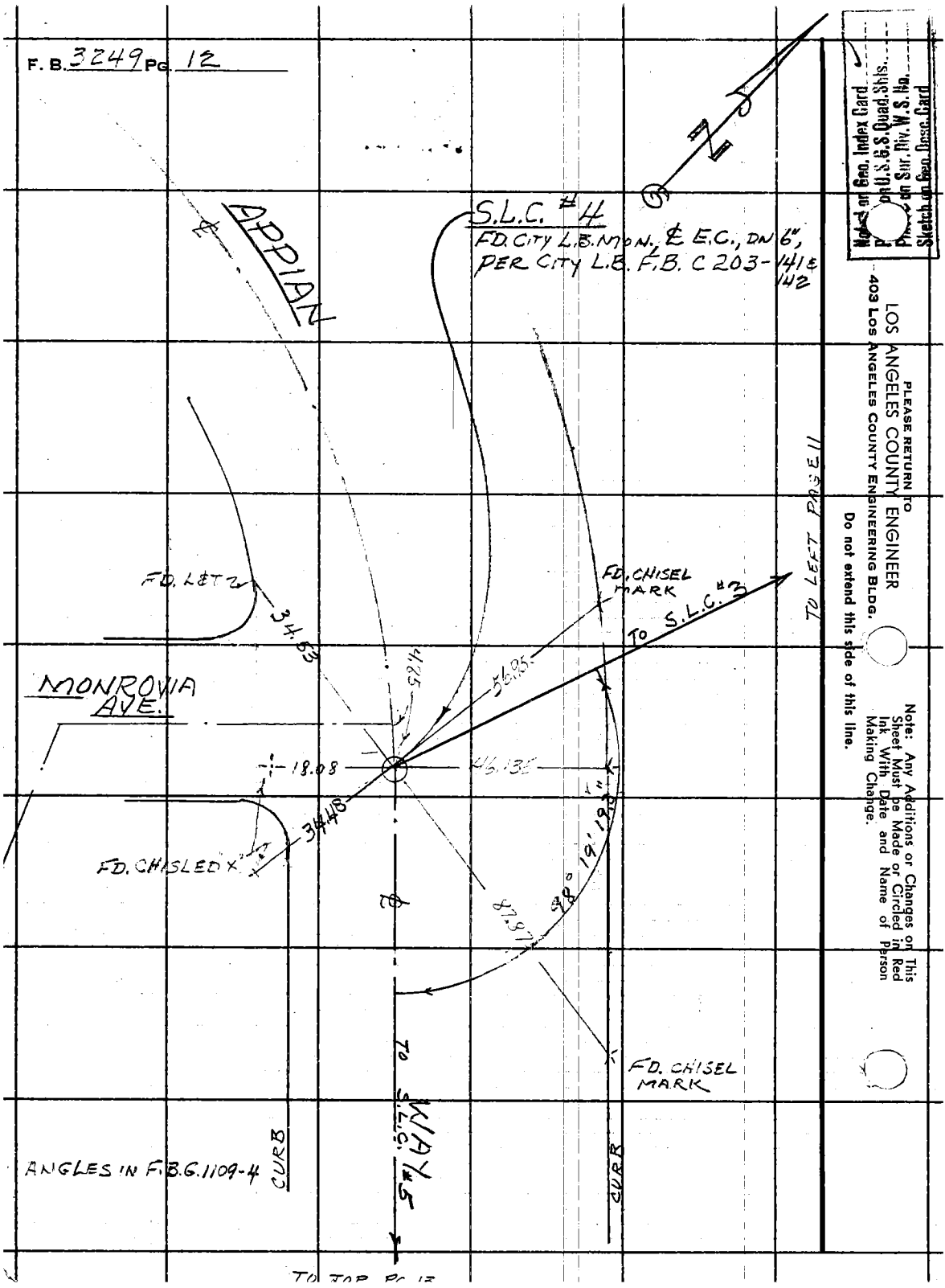
76F309S CE #310 1-65

F. B. 3249 PG. 12



Noted on Geo. Index Card
Plotted on U.S.G.S. Quad. Shts.
Plotted on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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Notes Ck'd by
Map No. B-3036
Office Work G. H. BOYER
Checked I. A. CHURCH
Date

Survey of ALAMEDA ST
JN 0096.22 Tape 167 Std 84 °F
Surveyed by J. H. Brown
Notes J.H.B. Date 6-1-66
Indexed C. J. GALLI

F. B. 3248 Pg. 13

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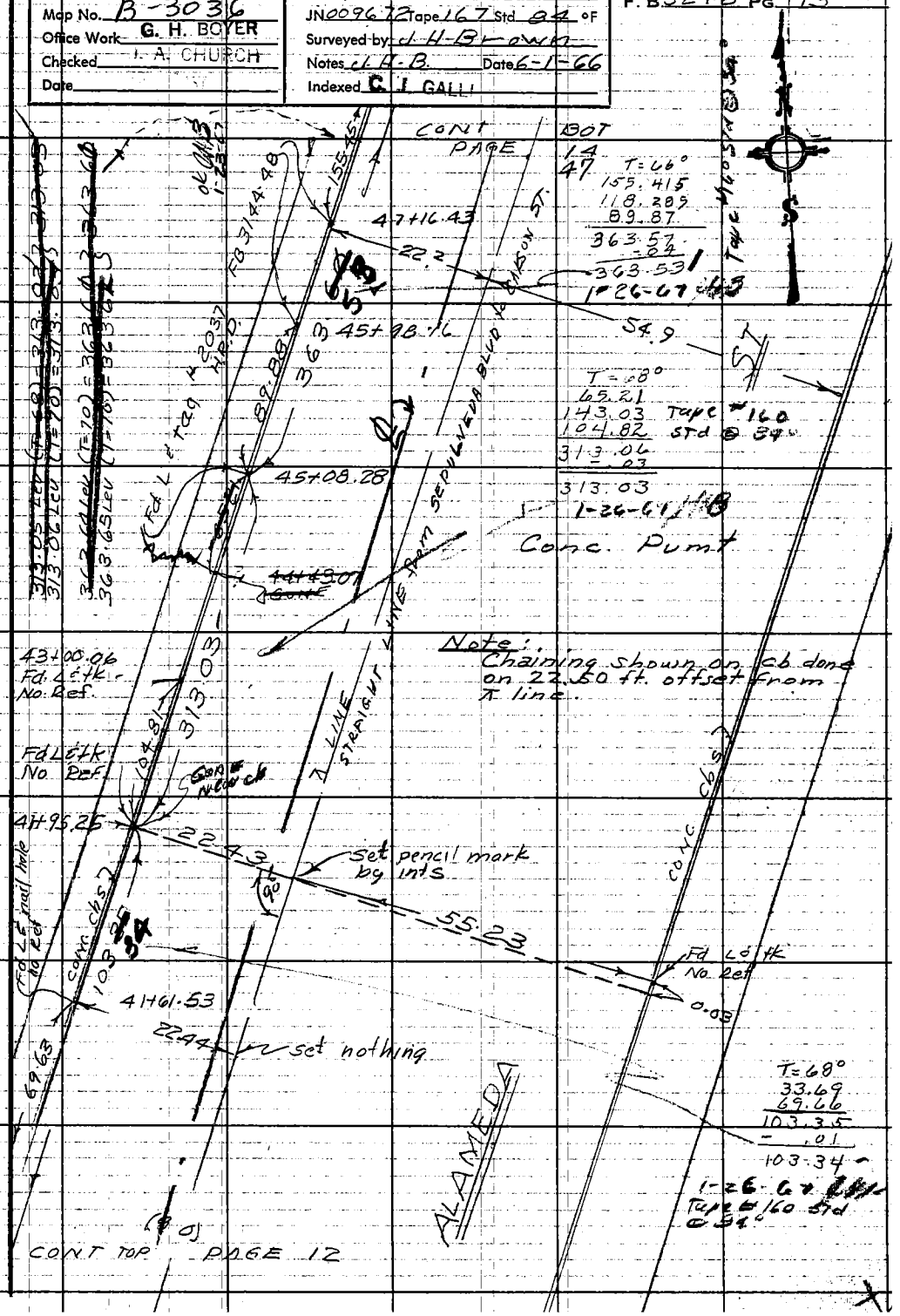
76F309S CE #247 3-57



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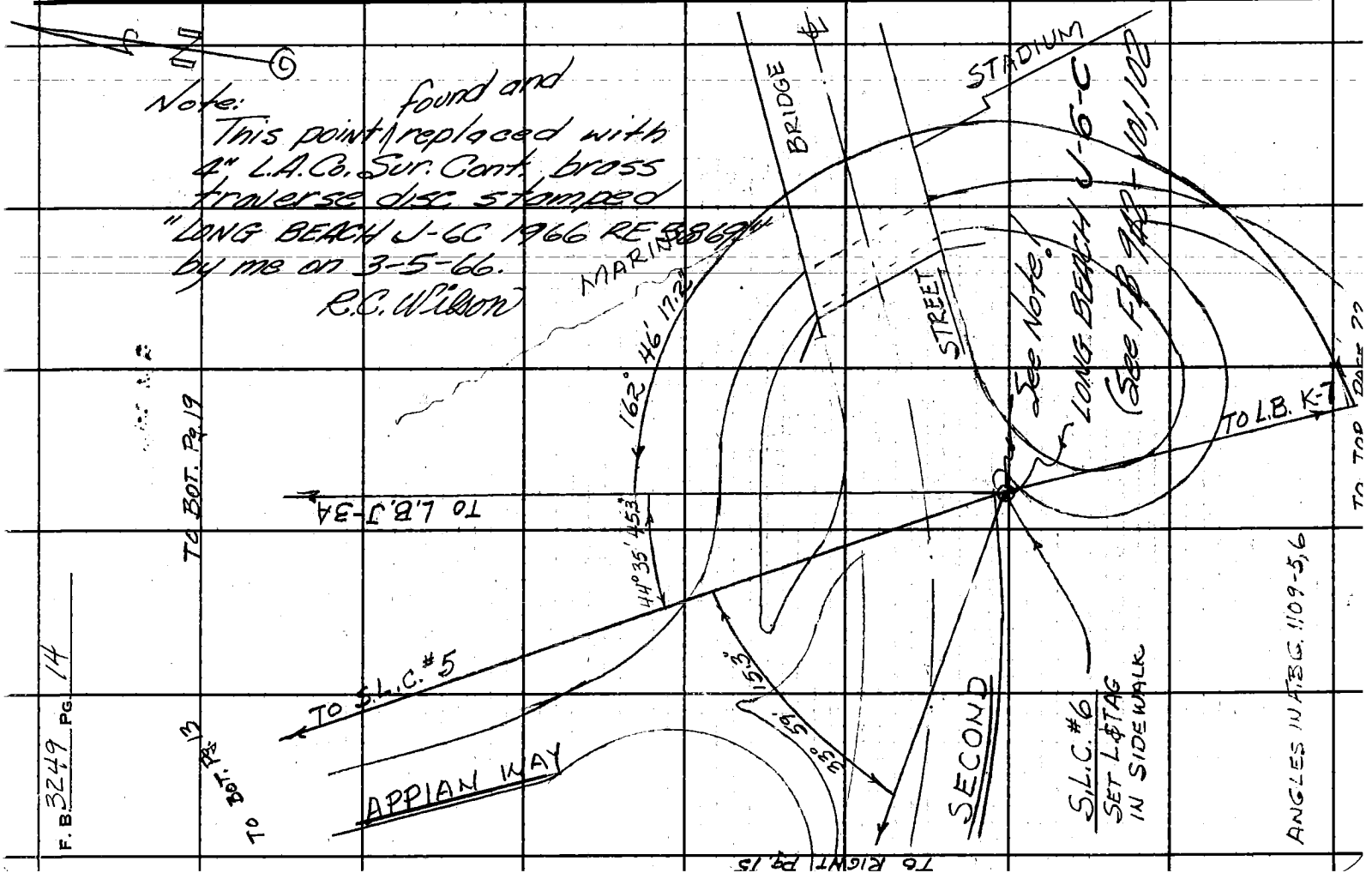
Plotted on U.S.G.S. Quad. Shts.
Noted on Sur. Div. W.S. Ho.
Sketch on Geo. Desc. Card



F.B. 3249 PG. 14

Notes Ck'd by _____
Map No. B-3036
Office Work G. H. BOYER
Checked _____
Date MAR 7 67

Survey of ALAMEDA ST
JN 0096-72 Tape 0257 Std 68 °F
Surveyed by J. H. Brown
Notes 1, 2, 3 Date 6-66
Indexed C. J. GALLI

F. B. 3248 Pg. 15

CONT bot PAGE 16.

W, S, 28, D-2

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DOMINGUEZ CHANNEL

Note: ALL ties meas. with tape #0257 std. @ 68°

CONC. BRIDGE

Fd. L & bench nail. No ref

Fd. a standard L.A. CO. FLOOD CONTROL brass tablet MARKED "B.M. 111.93 1960"

Fd L & Co. ENGR tag No ref

CONT on page 14

56+72.7

56+56.63

56+53.15 set L & tk by mjss 8-16-66

56+48.15 set L & tk by mjss 8-16-66

56+36.22 set L & tk @ 90° 8/16/66 Conc. Pvmt.

56+14.5

Fd L & tag # LS 2037

Fd L.A. Co. E.C. tag No ref FC. 3076-8

Fd L.A. Co. ENGR tag No ref FB 2546-110

Fd L.A. Co. F.C. tag LABELED "E.C. & W" USED FOR ℄ LINE FC. 3076-19

Fd ½ I.P. & L.A. Co. F.C. tag FC. 3076-19

set L & tk @ 90° nothing else 8-16-66

Conc. dk.

Fd. L & tk No ref

STRAIGHT LINE BETWEEN ESTABLISHED POINTS ON CENTERLINE OF ALAMEDA

ALAMEDA

(90.)

61.38

(1)	90	00	00
(2)	36	00	10
(3)	180	00	10
Avg	90	00	02

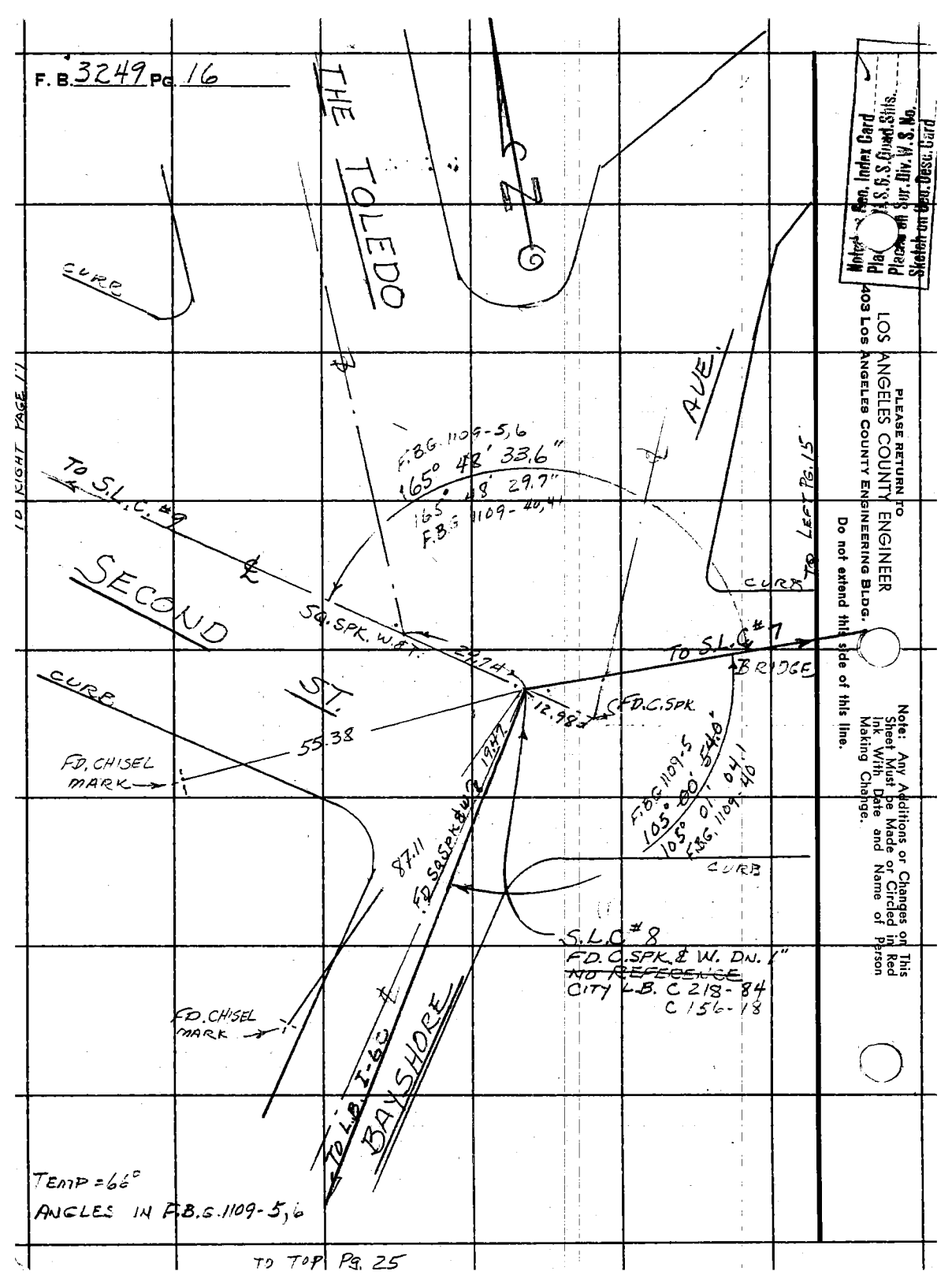
56+17.18 Fd ½ "I.P. & brass brad. dn 6" No ref

Fd. L.A. CO. ENGR tag No Ref FB 2546-110

Tape #167 std @ 84°
11.93 Lev. (CT=70) = 11.93
11.93 Lev. (CT=70) = 11.93 ∑ 11.93

76F309S CE#310 1-65

F. B. 3249 Pg. 16



Notes on Geo. Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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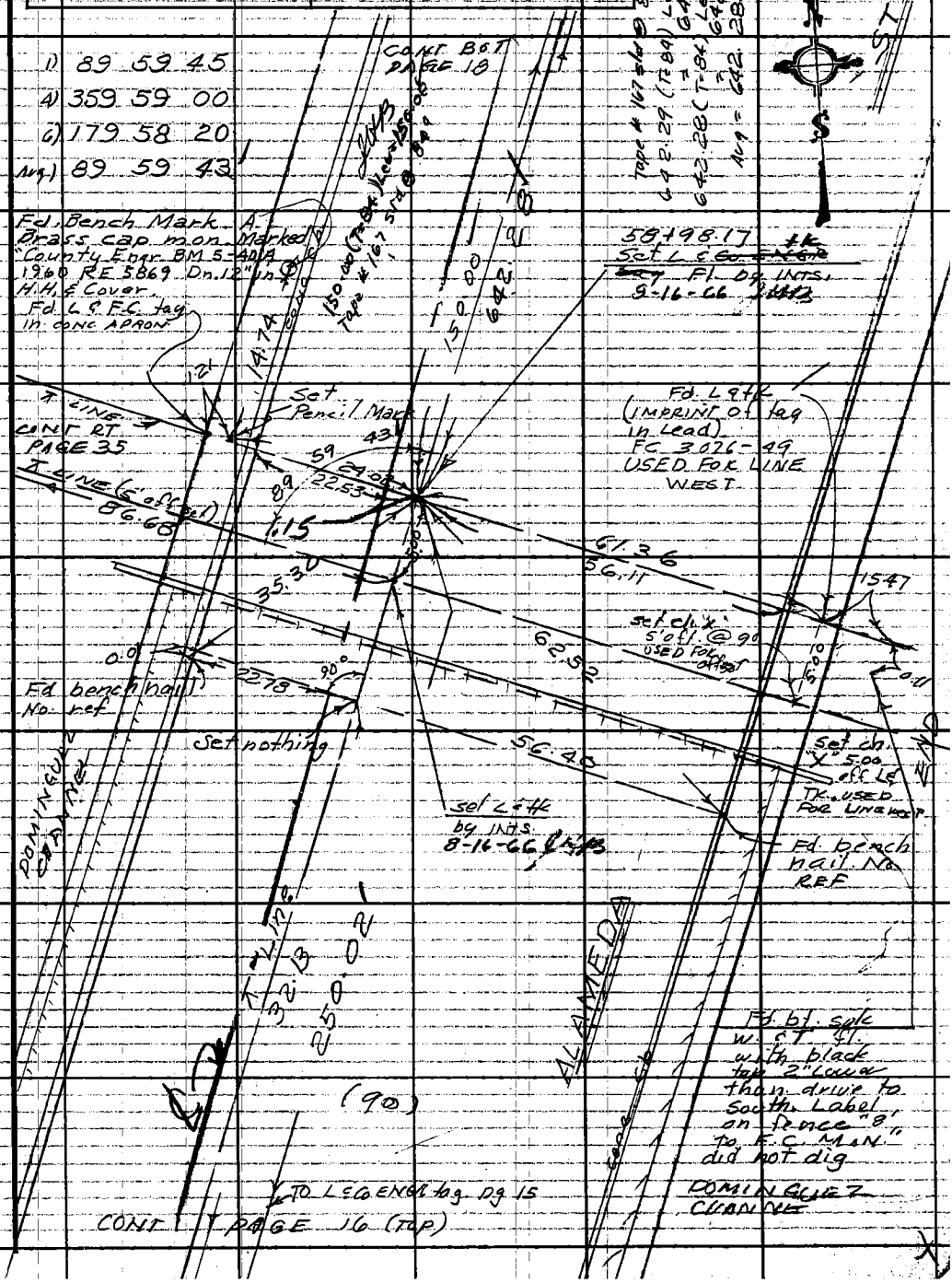
Notes Ck'd by J. A. CHURCH	Survey of Alameda St.	F. B. 3248 PG. 17
Map No. B-3036	JN 0096.72 Tape #257 Std 68 °F	
Office Work G. H. BOYER	Surveyed by J. H. Brown	
Checked J. A. CHURCH	Notes J. H. B Date 6 66	
Date	Indexed C. J. GALLI	



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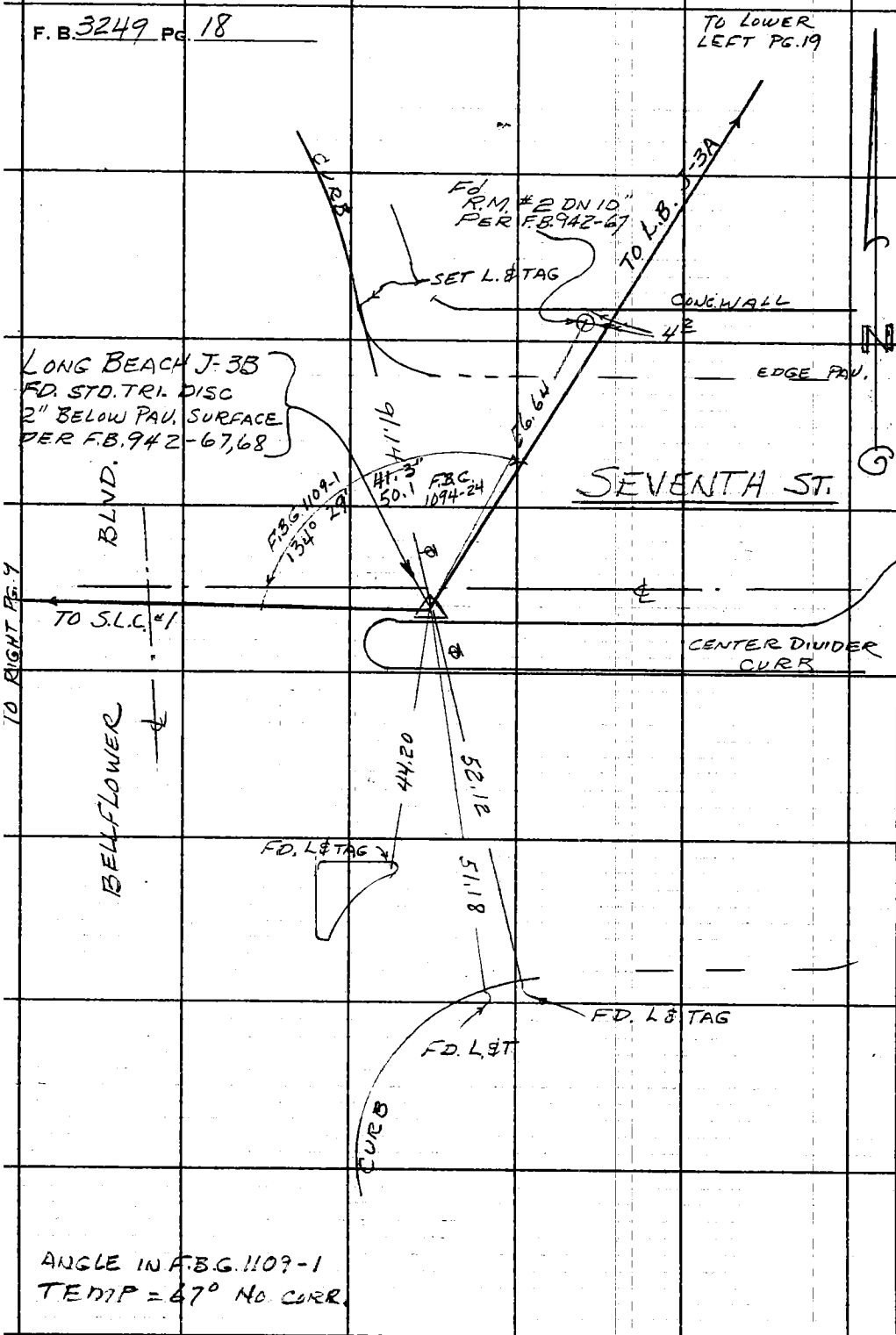
76F309S CE#310 1-65

F. B. 3249 PG. 18



ANGLE IN F.B.G. 1109-1
TEMP = 67° NO CORR.

Note: Geo. Index Card
Plot U.S.G.S. Quad. Shts.
Plot Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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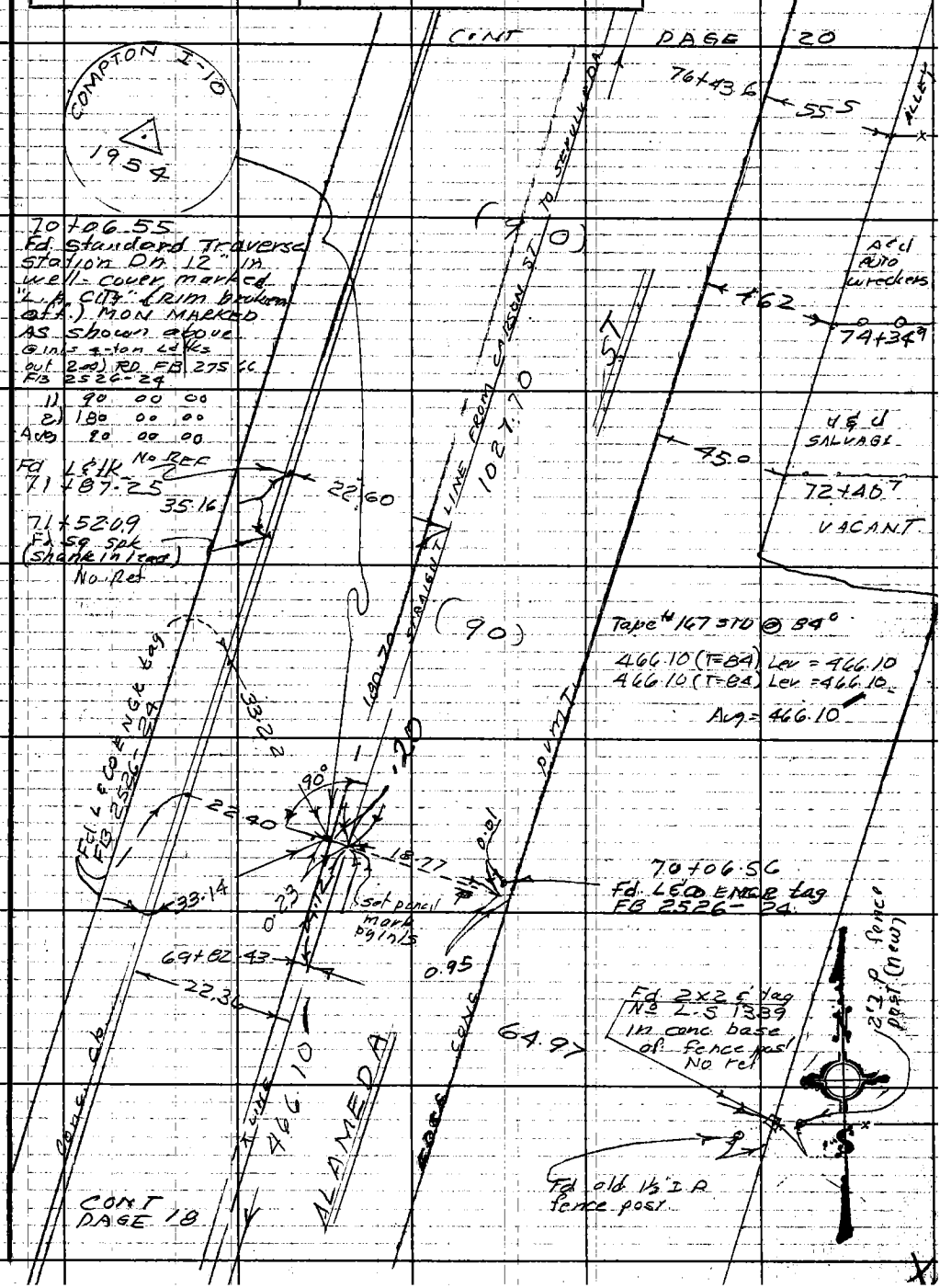
Notes Ck'd by J. A. CHURCH	Survey of ALAMEDA ST
Map No. B-3036	JN 0096.72 Tape 0257 Std 68 °F
Office Work G. H. POYER	Surveyed by J. H. Brown
Checked J. A. CHURCH	Notes J. H. B. Date 6- -66
Date MAR 7 '67	Indexed C. J. GALLI

F. B. 3248 PG. 19



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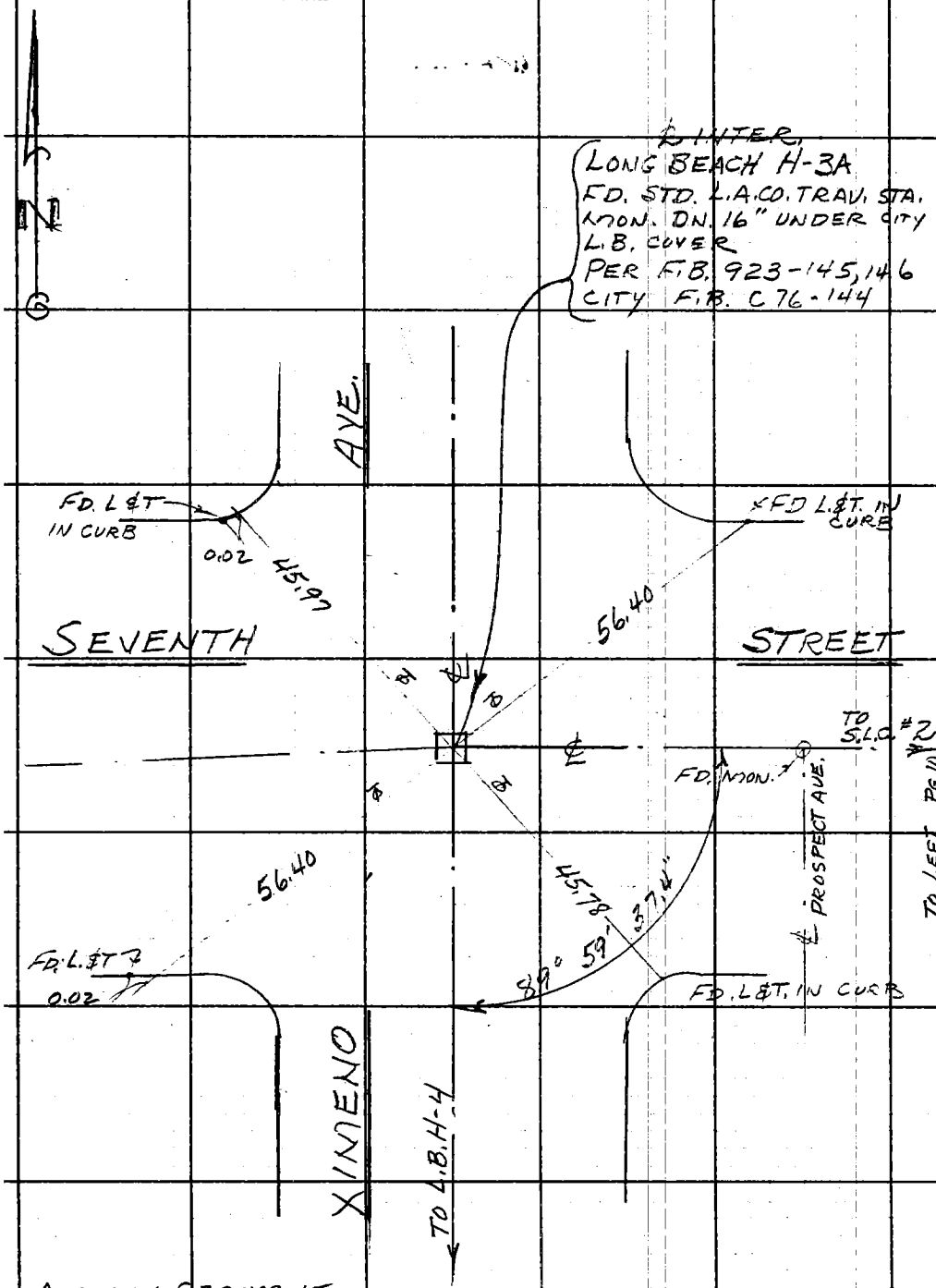
76F309S CE #247 3-57

F. B. 3249 Pg. 20



ANGLE IN F.B.G. 1109-15
TEMP = 66° NO CORR.

Noted on Geo. Index Card
Noted on U.S.G.S. Quad. Shts.
Noted on Sor. Div. W.S. No.
Sketch on Geo. Desc. Card

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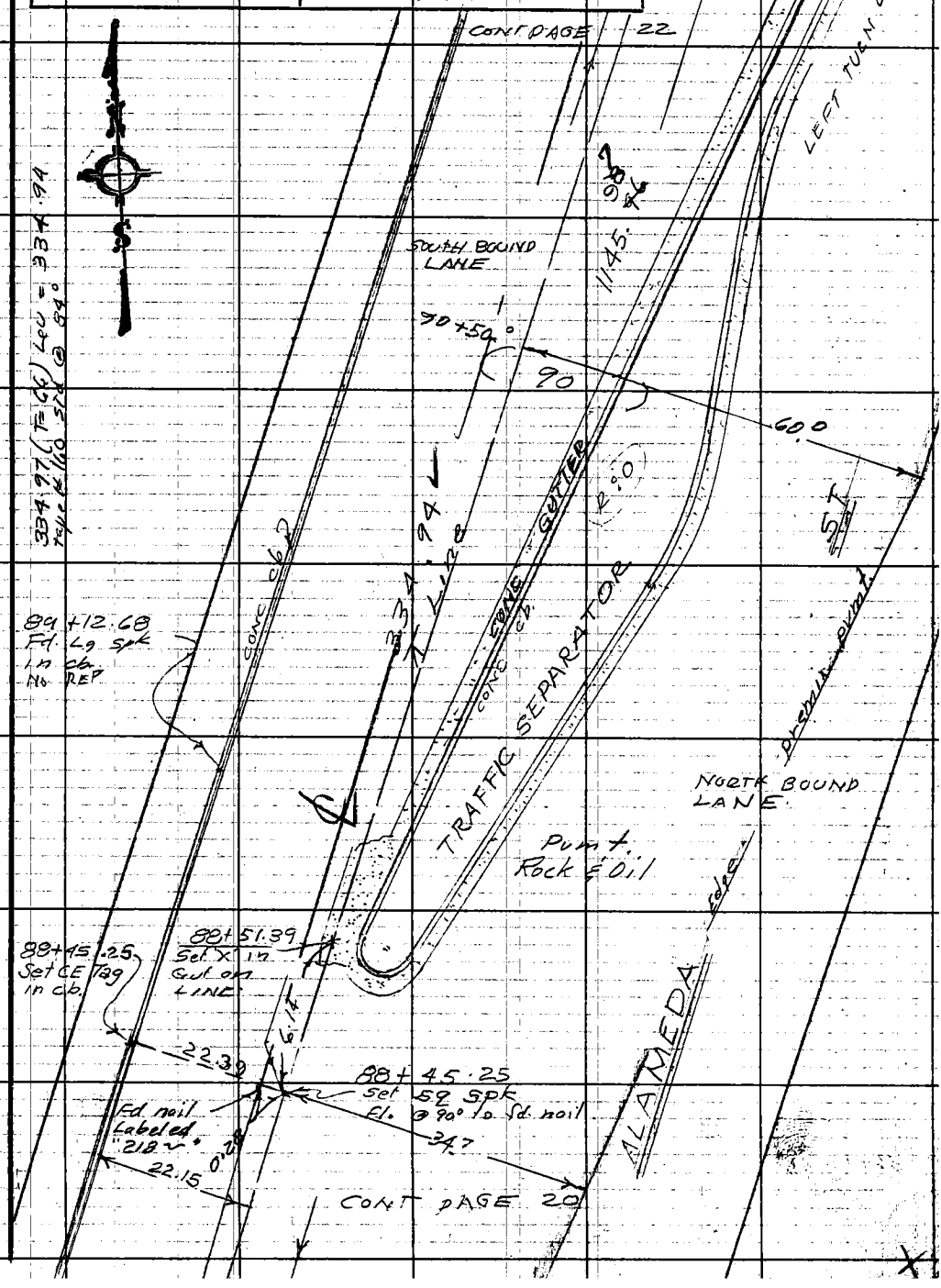
Notes Ck'd by: [illegible]	Survey of ALAMEDA ST
Map No. B-3036	JN0096.72 Tape 167 Std 84 °F
Office Work G. H. BOYER	Surveyed by J. H. Brown
Checked [illegible]	Notes J.H.B. Date 6-66
Date MAR 7 '67	Indexed C. J. GALLI

F. B. 3248 PG. 21



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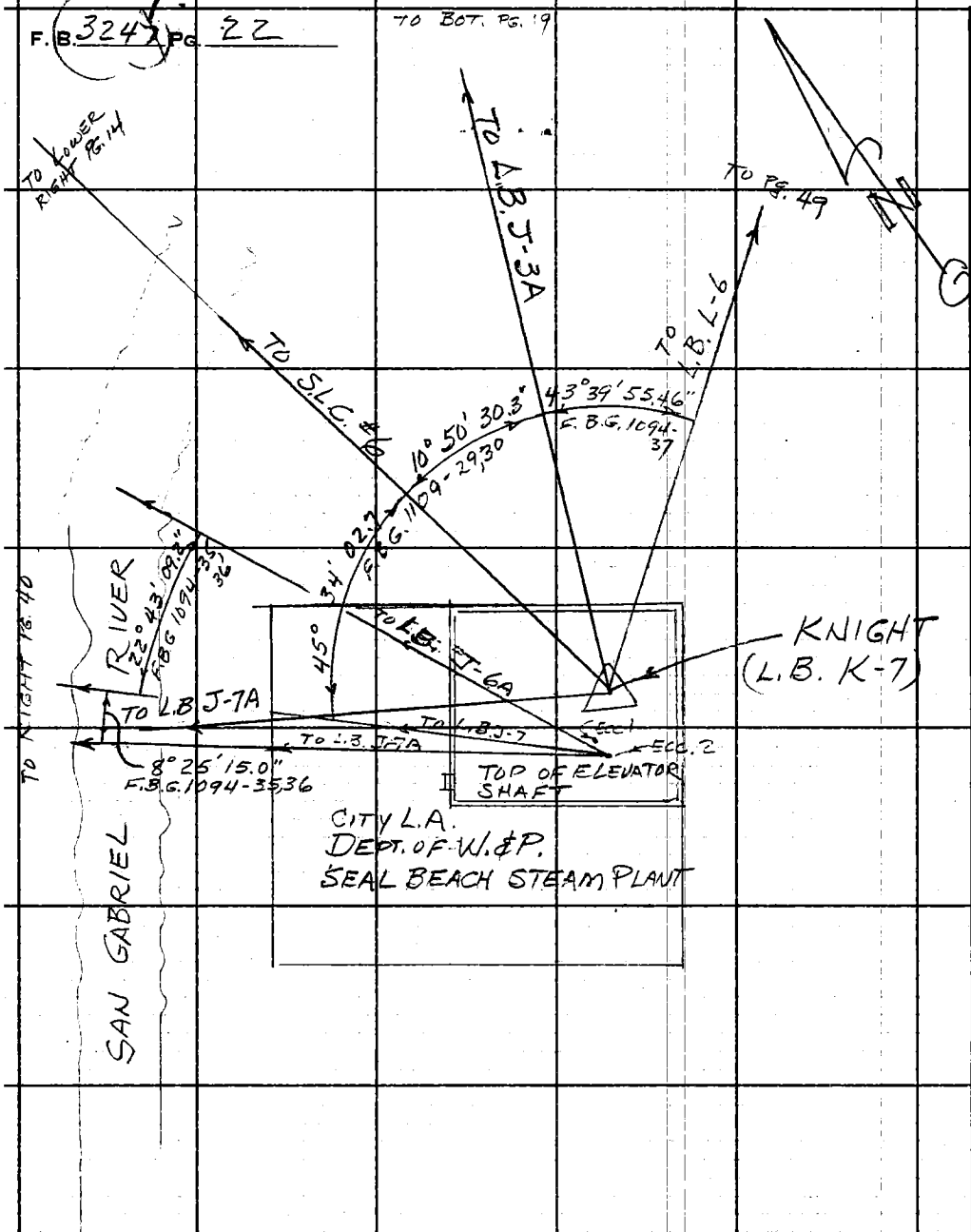
76F309S CE #247 3-57

F.B. 3247 9' Pg. 22



ANGLES IN F.B.G. 1109 - 29,30
1094 - 35,36,37

Noted on Geo. Index Card
Plotted on U.S.G.S. Quad. Shts.
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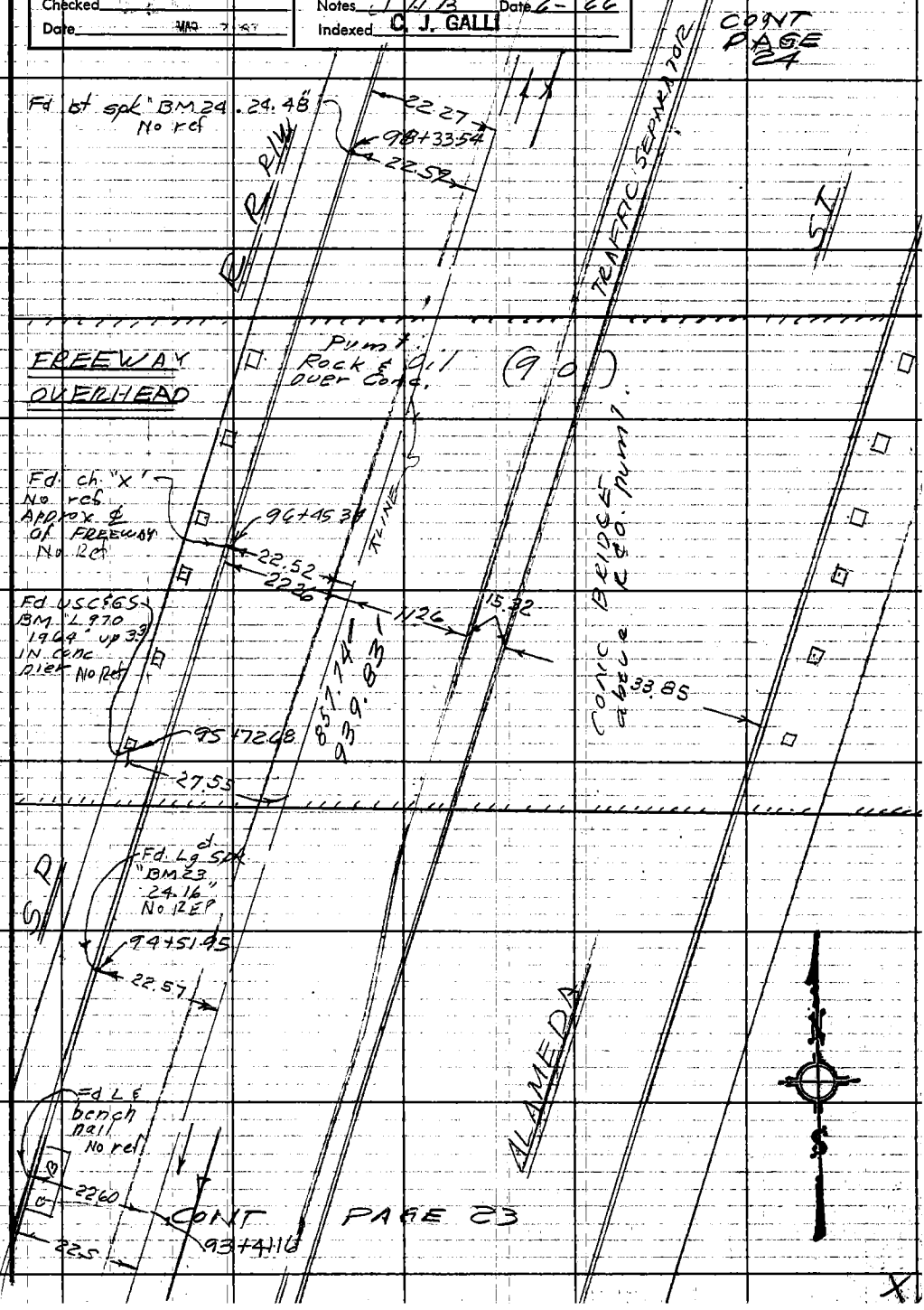
Notes Ck'd by A. CHURCH	Survey of ALAMEDA ST
Map No. B-3036	JN 0096.72 Tape 0257 Std. 68 °F
Office Work G. H. BOYER	Surveyed by J. H. BROWN
Checked	Notes J. H. B. Date 6-66
Date MAR 7 '67	Indexed C. J. GALLI

F. B. 3248 Pg. 23



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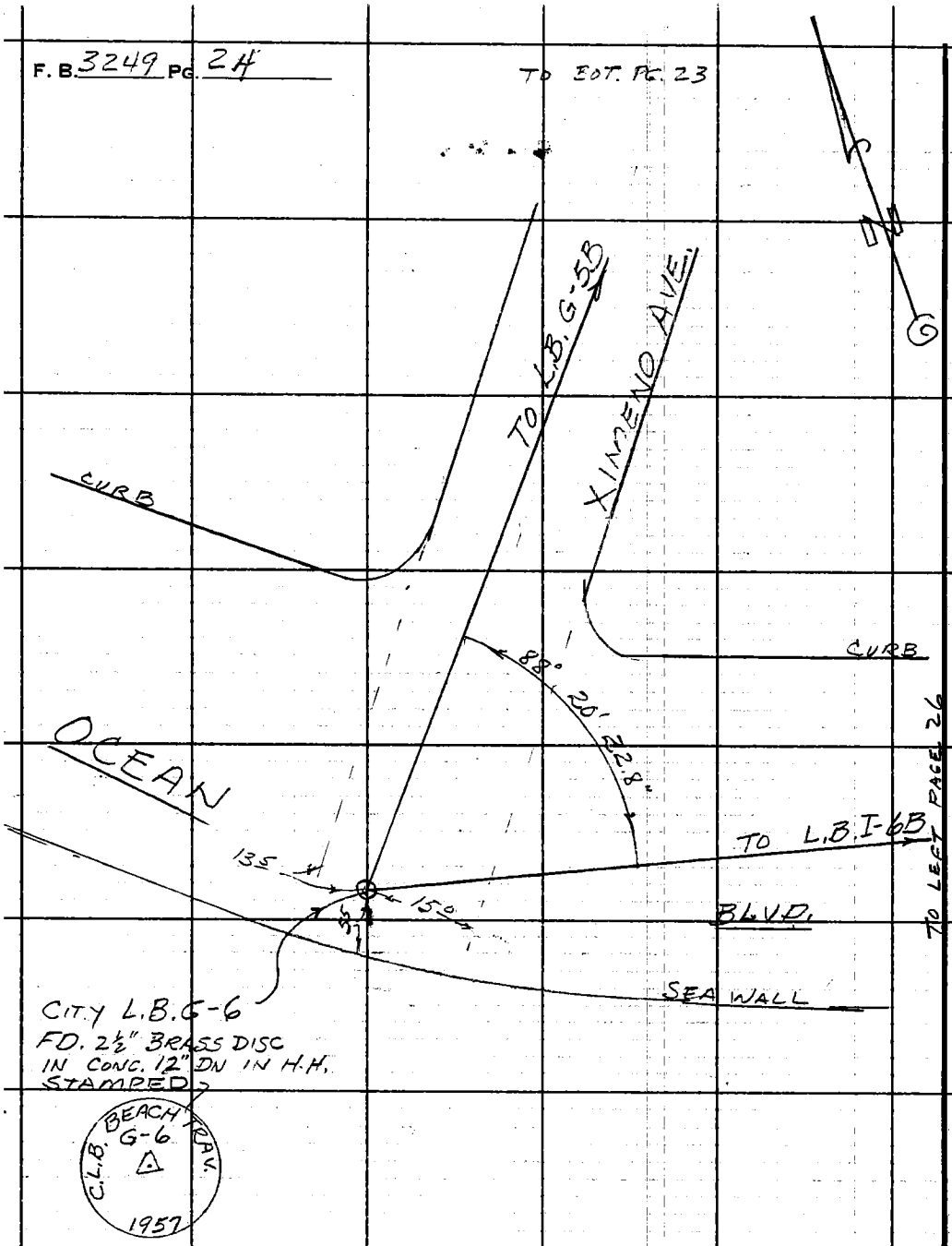
76F309S CE #247—3-57

F. B. 3249 PG. 24

TO BOT. PG. 23



ANGLE IN F.B.G. 1109-34

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

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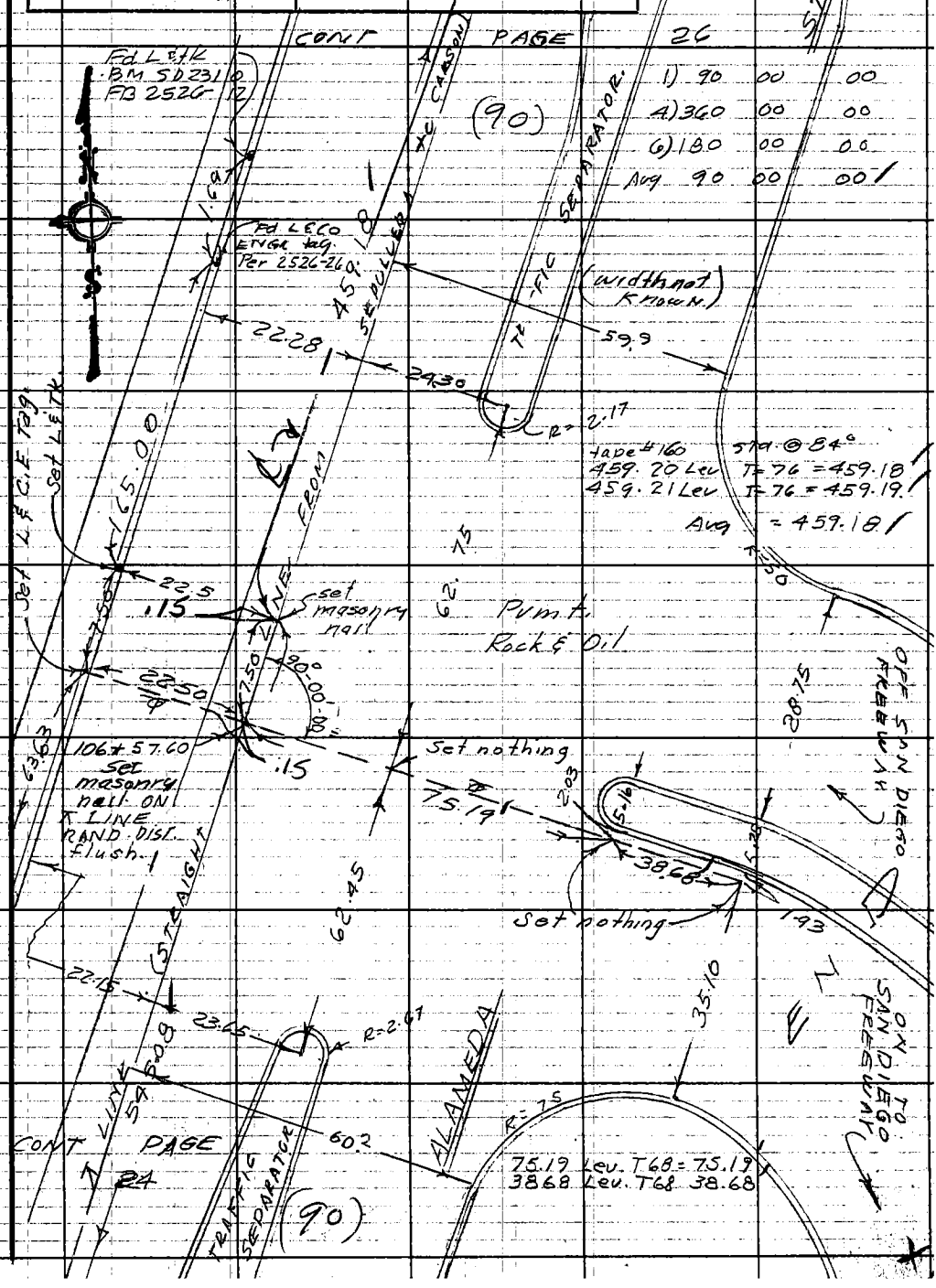
Notes Ck'd by A. CHURCH	Survey of ALAMEDA ST
Map No. B-3036	JN 0096.72 Tape 0257 Std 68 °F
Office Work G. H. BOYER	Surveyed by J. H. Brown
Checked [illegible] CHURCH	Notes 11. N. B. Date 6-66
Date MAR 7 '67	Indexed C. J. GALLI

F. B. 3248 PG. 25



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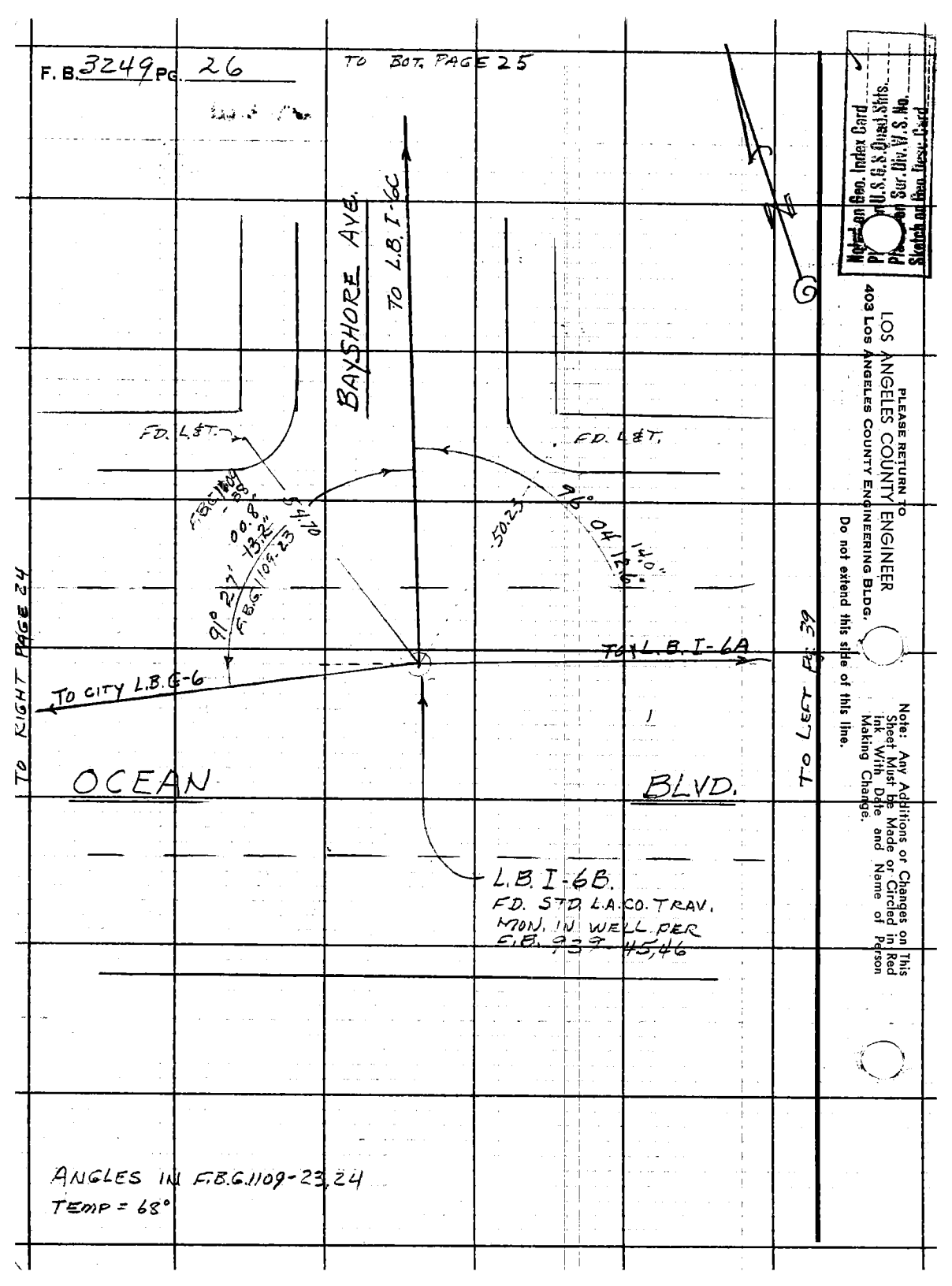
76F309S CE #247—3-57

F. B. 3249 Pg. 26

TO BOT. PAGE 25



ANGLES IN F.B.G. 1109-23, 24
TEMP = 68°

Noted on Geo. Index Card
Plotted on U.S.G.S. Quad. Shts.
Plotted on St. Div. Maps
Sketch on Geo. Index Card

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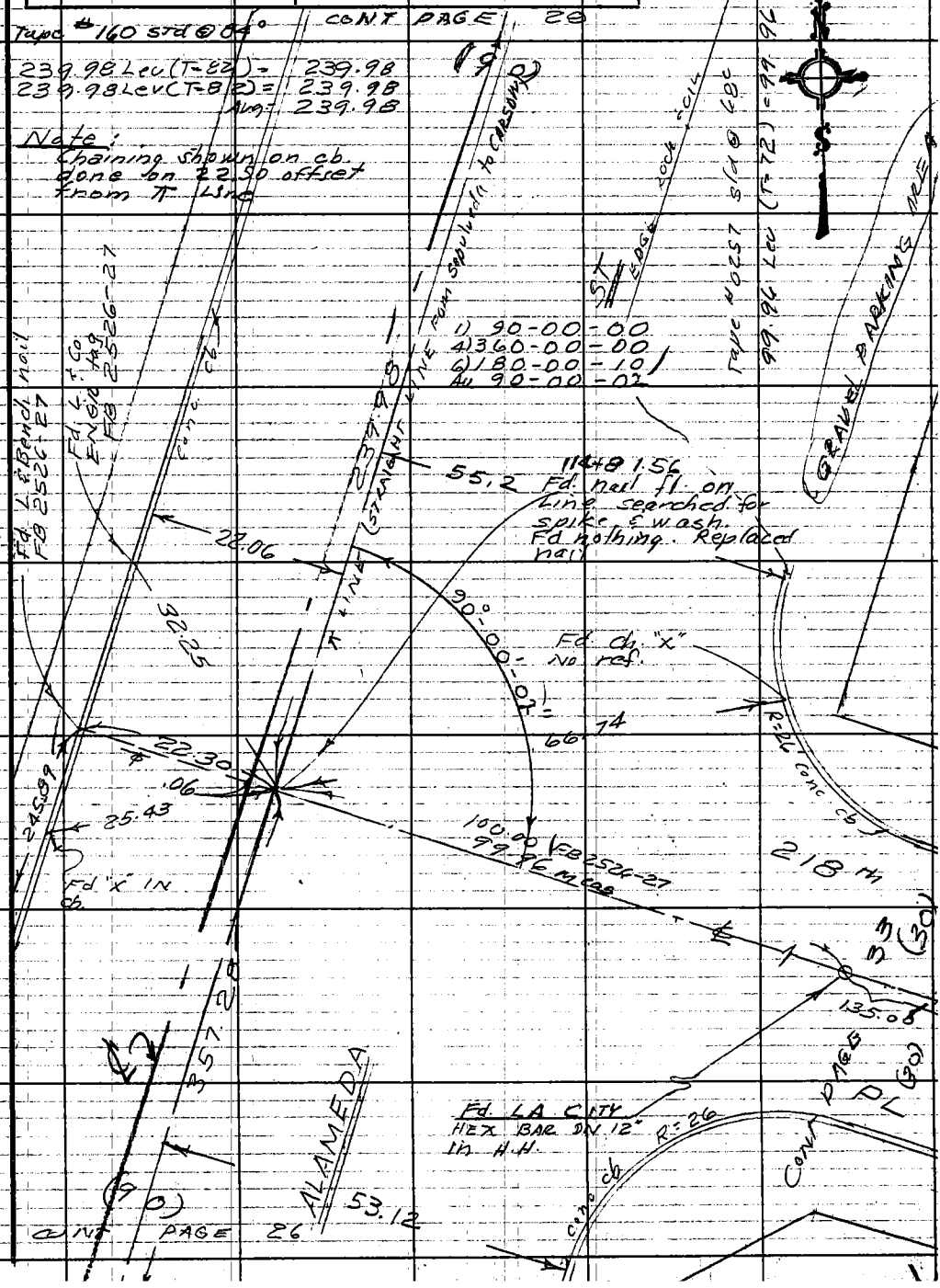
Notes Ck'd by	Survey of ALAMEDA ST
Map No. B-3036	JN0096.72 Tape 0257 Std CE °F
Office Work G. H. BOYER	Surveyed by J. H. Brown
Checked	Notes J. H. B Date 6-66
Date	Indexed C. J. GALLI

F.B. 3248 PG. 27



W.S. 30, A-2

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76F309S CE #247—3-57

Scaled on Map Index Card
Plotted on Quad Sht.
Plotted on Sht. Index
Scaled on Base Card

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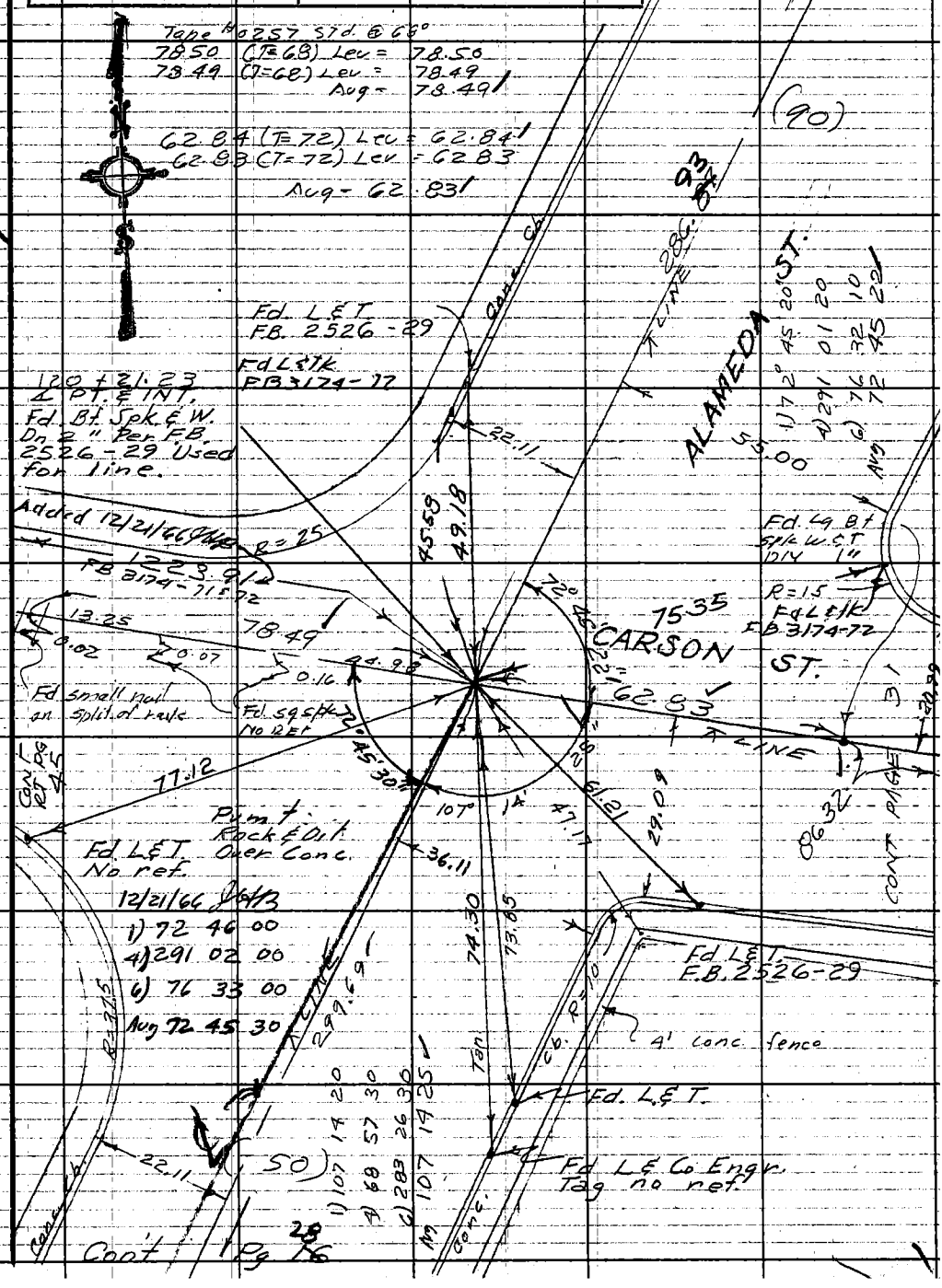
F.B. 3249 Pg. 28 — Job No. 0882.40 — Division No. 11 — Notes Red — Plotted — Profile
Survey of ALAMITOS BAY — Date — Date — No. — X-Sec.
Survey by DREER — Notes G.E.D. — Notes Chkd. — Checked
Indexed G. J. CALL — Date — Date — No.

STATION	B.S.	H.I.	F.S.	ELEV.	
					LFT. IN W. CURB, 1FT N. E.C.R. N.E. COR. 7th & BELLFLOWER BLVD.
FD. L.B.B.M. #915	512	8160		76482	FD. CITY L.B.B.M. #915 ELEV. 76.482 (1961)
SET △ L.B. J-3B	505	8135	530	7630	SET L.B. J-35 STD. L.A.Co. △ STA. 2" BELOW PAV.
FD. L.B.B.M. #915			487	7648	FD. L.B.B.M. #915
FD. L.B.B.M. #915	448	8096		7648	FD. CITY L.B.B.M. #915 ELEV. 76.482 (1961)
SET T.P.	142	7875	363	7733	
SET S.L.C. #1	1160	7848	1187	6688	SET S.L.C. #1
T.P.	339	8071	116	7732	℄ INTER. MON. 7th ST. & ULTIMO AVE
FD. B.M. #915			424	7647	FD. B.M. 915
FD. L.B.B.M. 113	607	3769		3162	FD. CITY L.B. B.M. #113 ELEV. 31.616 (1961) N.E. COR. SANTIAGO AVE. & 7th ST.
					L.B. B.M. IN H.H. 2.4E. & 11.9FT N. OF CURB 25" DEEP
SET S.L.C. #2	679	3748	700	3069	SET S.L.C. #2, MON. ℄ INTER. SANTIAGO AVE & 7th ST.
FD. L.B.B.M. #113			586	3162	FD. L.B.B.M. #113

Notes Ck'd by [illegible]	Survey of ALAMEDA ST
Map No. B-3036	JN 0096.72 Tape 0257 Std 68 °F
Office Work G. H. BOYER	Surveyed by J. Brown
Checked	Notes E. Shoemaker Date 7- -66
Date MAR 7 '67	Indexed C. J. GALLI

F.B. 3248 Pg. 29



W.S. 30, A-2

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

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RETURN TO
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100 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

Noted on Index Card
Placed on Sur. Div. W.S.N.
Placed on G.S. Quad. Sets
Sketch on Geo. Desc. Card

Profile No. X-Sec. No.

F.B. 3249 PG. 30 Job No. 0882.40 Division No. 11 Notes Red Plotted
Survey of ALAMITOS BAY Date Date
Survey by Dreier Notes H.R.S. & G.E.D. Notes Chkd. Checked
Indexed C. J. GALLI Date Date

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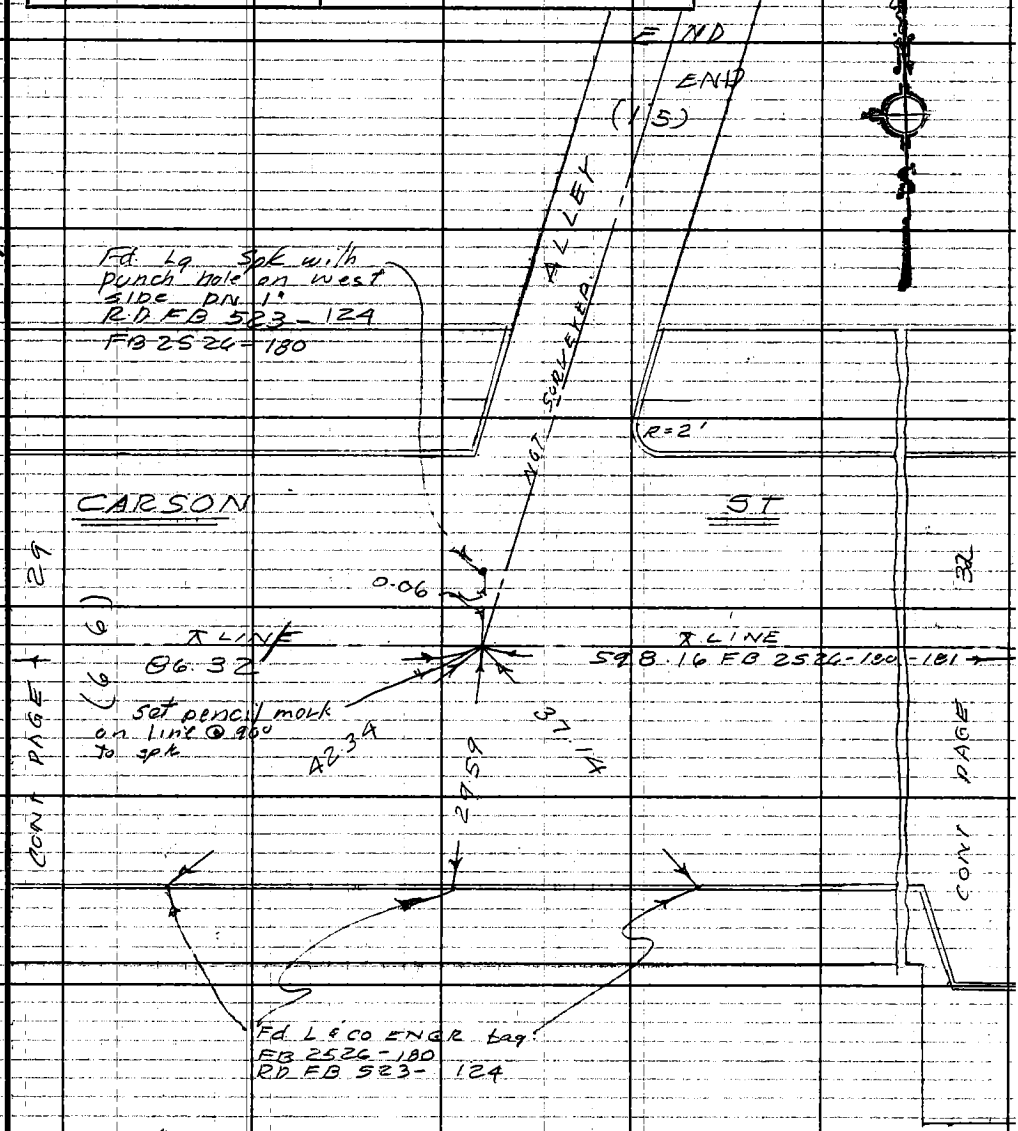
STATION	B.S.	H.I.	F.S.	ELEV.	
Fd City L.B.B.M. #505	4 84	12 37		7 53	Fd City L.B.B.M. #505 ELEV. 7.533 (1961) W'ly COR APPIAN WAY & LAKEVIEW AVE
Set S.L.C. # 4	5 84	12 12	6 09	6 28	Set P.C.C. CYLINDER BRASS KNOB, 6 FT. W. & 24.6 S. of Curb S.L.C. #4 Elev. = 6.28
					L.B. City ℄ MON. # ON E.C. APPIAN WAY 4.52 FT. S.E. OF ℄ MONROVIA AVE.
Fd L.B.B.M. 505			4 59	7 53	Fd L.B.B.M. #505
Fd L.B.BM #119	4 41	10.39		5 98	Fd L.B.B.M. #119 Elev. 5.975 (1961) Appian Way S.W. cor. Bayshore Ave. a L&T in center of Curb return.
T.P.	4 99	10.17	5 21	5.18	T.P. Spk in pvmt.
set S.L.C. # 5	5 11	9 89	5 39	4.78	Set S.L.C. #5 Elev. = 4.78 L.B. City Brass Cap Mon in Conc in a H.H. dn 7" @ ℄ int. of APPIAN WAY & CLAREMONT AVE.
T.P.	5 18	10.36	4 71	5.18	T.P. Spk in pvmt.
Fd L.B.B.M. #119			4 37	5.99	Fd L.B.B.M. #119 ELEV. 5.975 (1961)

Notes Ck'd by J. A. CHURCH	Survey of ALAMEDA ST
Map No. B-3036	JN 0096.72 Tape 0257 Std 68 °F
Office Work G. H. BOYER	Surveyed by J. H. Brown
Checked	Notes J.H.B. Date 7-66
Date	Indexed C. J. GALLI

F. B. 3248 Pg. 31



Tape #0257 STD @ 68°

86.32 (T=70) = 86.32 } 86.32
86.32 (T=70) = 86.32 }

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W.S. 30, A-2

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76F309S CE #247—3-57

76-1 308 CE 307 3-61

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Placed on U.S.G.S. Quad Sht.
Sketch on Geo. Desc. Card

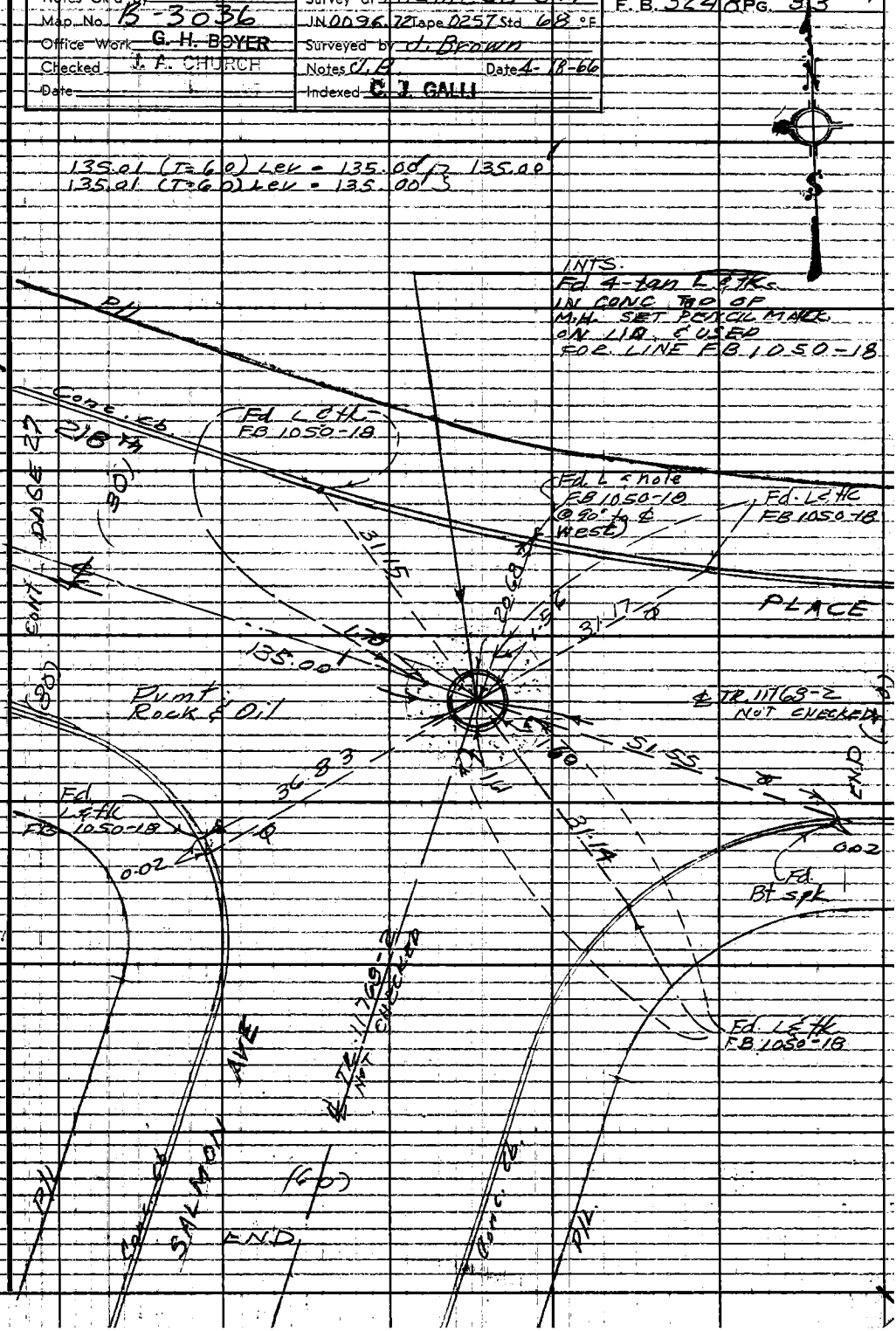
Profile No. X-Sec. No.

F.B. 3249 PG. 32 | Job No. 0862.40 Division No. 11 Notes Red Plotted
Survey of ALAMITOS BAY Date Date
Survey by Dreier Notes H.R.S. Notes Chkd. Checked
Indexed C. A. GALLI Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.		
Fd L.B.B.M. #222	6.78	11.68		4.90	L.B.B.M. #222 Elev. 4.895 (1961) 2nd St. & RAVENNA DR, S.E. COR, 25.6'E of E. curb & 5.0 S. of S. curb a Mon in H.H.	
Set S.L.C. #7	6.77	11.78	6.67	5.01	Set S.L.C. #7 Elev. 501 City of L.B. Mon in H.H. @ 4P in End St @ RAVENNA DR Per	
Fd L.B.B.M. #222			6.88	4.90	Fd L.B.B.M. #222 Elev. 4.895 (1961)	
Fd L.B.B.M. 40	6.65	10.53		3.88	Fd L.B.B.M. #40 Elev. 3.879 (1962) 2nd St. & BAYSHORE AVE, S.W. COR. a Mon in H.H. Inside walk 6.7 W of Curb & 6.8 S of curb.	
Set S.L.C. #8	5.01	10.29	5.25	5.28	Set S.L.C. #8 Elev. 5.28 & intersection of 2nd St. & BAYSHORE AVE a wire Spk dn 2" in pvmt Per	
Fd L.B.B.M. #40			6.41	3.88	Fd L.B.B.M. #40 Elev. 3.879 (1962)	

Notes Ck'd by J. A. CHURCH	Survey of Alameda St.
Map No. B-3036	JN 0096.72 Tape 0257 Std 68 °F
Office Work G. H. BOYER	Surveyed by J. Brown
Checked J. A. CHURCH	Notes J.B. Date 4-18-66
Date	Indexed C. J. GALLI

F. B. 3248 PG. 33



W.S. 30, A-2

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76F309S CE#310 1-65

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.		
Fd L.B.B.M.#747	5 13	9 73		4.60	Fd L.B.B.M.#747 Elev. 4.600 (1961) 1 St St. & Bayshore Ave. S.W. Cor. P.C.C. Cylinder & brass button in H.H., 8.0' W. of W. Curb & 4.0' S. of S. Curb.	
Set L.B. I-6C	5 16	9.23	5 66	4.07	Set L.B. I-6C Elev. ℄ of Bayshore Ave. 4' S. of ℄ 1 St St. Standard 4" brass tablet in conc, in H.H dn below Pavement Surface	
Fd L.B.B.M.#747			4 63	4 60	Fd L.B.B.M.#747 Elev. 4.600 (1961)	

Profile No. X-Sec. No. Plotted Date Checked Date

Notes Red Date Notes Chkd. Date

Division No. 11 Job No. 088240

F.B. 3249 PG. 34

Survey of ALAMITOS BAY

Survey by DREIER Notes H.R.S.

Indexed G. & GALLI Date

Notes Ck'd by J. A. CHURCH	Survey of ALAMEDA ST
Map No. B-3036	JN 0096-72 Tape ____ Std ____ °F
Office Work G. H. BOYER	Surveyed by J. H. Brown
Checked J. A. CHURCH	Notes J. H. B Date 6-8-66
Date MAR 7 '67	Indexed C. J. GALLI

F. B. 3240 PG. 35 ✓

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W.S. 28, D-2

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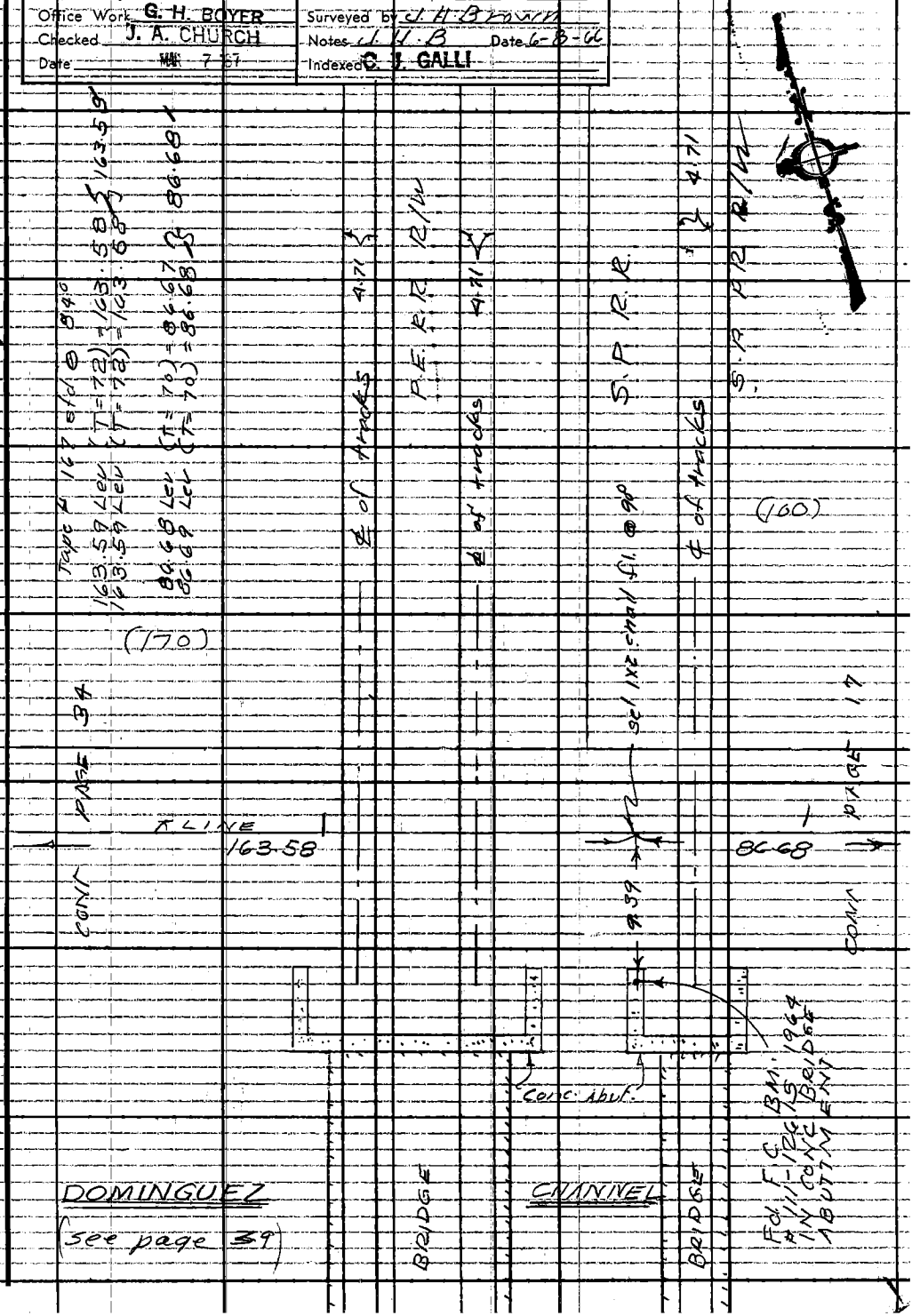

76F309S CE#310 1-65

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F.B. 3249 PG. 36 | Job No. 0882.40 | Division No. 11 | Notes Red | Plotted | Profile
Survey of ALAMITOS BAY | Date | No
Survey by DREIER | Notes Chkd. | Checked | X.Sec.
Notes JJ. BAZEN | Date | Date | No
Indexed C.J. CALL | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	
B.M. #966	424	1092		6.68	BM #966 ELEV. = 6.682 (1962) So. of Ocean on Prospect ave. Lft in N end of third concrete step from the bottom seawall.
CITY L.B. G-6	640	1057	675	417	city L.B. G-6 (std. city mon in well)
			389	668	BM. #966 (see above)
CITY L.B. G-6	621	1038		417	city trav. sta. L.B. G-6 (see above)
T.P.	555	1048	545	493	T.P.
△ L.B. G-5B	528	1035	541	507	L.B. G-5B ELEV = Sq. hd. spk. & Tin. Per F.B. 3249-23
T.P.	532	9,84	583	452	T.P.
T.P.	660	1486	1,58	826	T.P.
△ L.B. H-5B			382	1104	L.B. H-5B ELEV. = 11.03 Per F.B. 3249-33. std. △ MON IN WELL.
CITY L.B.M. #217	461	1040		5.79	FD. CITY L.B.B.M. 217 ELEV. 5.794 1961 GIRALDA WALK & IONIA WALK S.Ly. COR BRASS DISC IN CONC. IN WELL 2E BACK OF THD.C.
L.B. J-6A	594	1020	614	4.26	L.B.J-6A L.B.Bm.#935, ELEV 4.282 1961 STD TR STA. N'ly SLy END IONIA WALK
L.B.B.M. 217			4,41	579	L.B.B.M.

Notes Ck'd by	Survey of ALAMEDA ST
Map No. B-3036	JN 0096.72 Tape 160 Std 84 °F
Office Work G. H. BOYER	Surveyed by J. H. Brown
Checked J. A. CHURCH	Notes J. H. B Date 7-66
Date MAR 7 '67	Indexed C. J. GALLI

F. B 3218 PG 37

ALAMEDA ST

Cont. Pg. 22

FIRST ORDER SURVEY CONTROL REFERENCE MARK NO. 1 BUREAU OF ENGINEERING CITY OF L.A. DEPT. OF PUBLIC WORKS SURVEY DIVISION

1958

Fd. GEOD. CONT. REF MARK IN L.A. CITY H.H., DN 12" MARKED AS SHOWN ~~No REF~~. FB 3174-87

78.86 Lev @ T76° = 78.86

137.50 Lev @ T76° = 137.49

78.86

0.15

20.48

0.39

137.49

SPRR

(100)

Fd. nail on split of RAILS

set nothing

709' (Rag tape)

0.10

0.08

PERR

208+58.3 Fd. pk. & tin Dn. 1'

Fd. pk w. & tin fl. No line check

22°

135.4

Pumt. Pack & Oil

LINE

170

207+20.3 Fd. bl spk w & tin flush at ints "Y" IN white paint. FB 3174-86

0.02

NOTE: PLUSSES SHOWN TAKEN FROM STATIONING LABELED ON PUMT.

ST

19

17.5

EDGE OF ROCK OIL

Fd. n. no line check made.

194+00

DRIVEWAY TO CORMIER CHEVERLET

223rd

193+90.3 Fd. bl spk w & T. fl. USED FOR LINE.

(160)

EDGE OF ROCK

NOTE: 223rd ST. IS being WIDENED. IT has been recently SURVEYED. INFORMATION ON THE RECENT SURVEYS ARE NOT AVAILABLE TO THIS PARTY. I BELIEVE I HAVE TIED INTO ENOUGH EXISTING POINTS TO ESTABLISH A TIE TO RECORD.

W.S. 30, A-2

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76F309S CE #247—3-57

F.B. PG. Profile
Survey of L. B. SUBSIDENCE Job No. 03106 Division No. 11 Notes Red Plotted
Survey by G.E. REIER Notes BAZELL & G.E.D. Notes Chkd. Date Checked
Indexed C. J. GALLI Date Date Date

X-Sec. No.

Placed on Sht. W. S. No.
Placed on U.S. Quad. Shts.
Marked on Engr. Bar Card
Skeletal on Base Card

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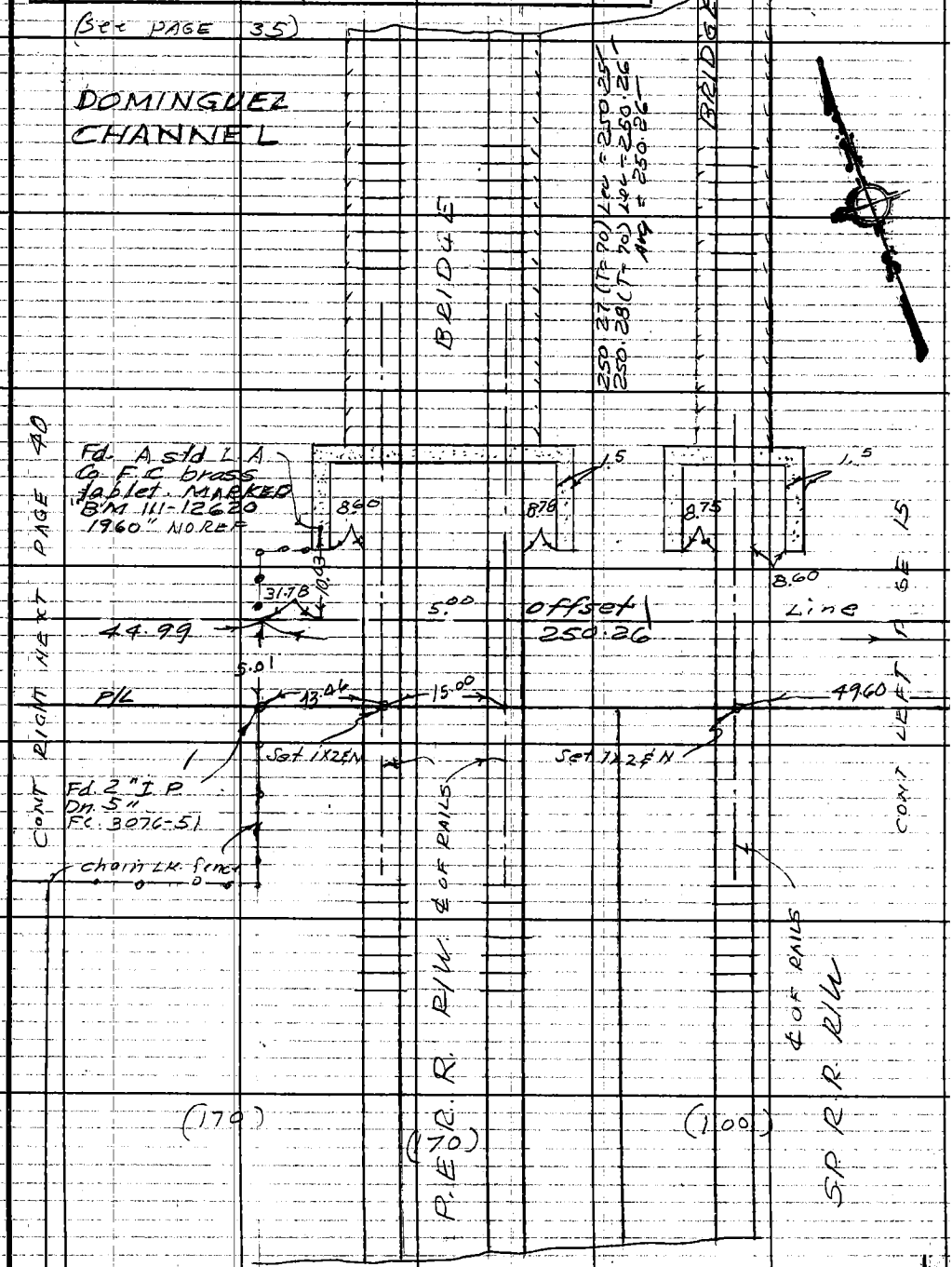
STATION	B.S.	H.I.	F.S.	ELEV.		
(ELEV. for L.B. K-5 AUX-1.)						
B.M. 30-30A	11 87	18 39		652	B.M. 30-30A, 1962 Adj. elev. = 6.515 A State of Calif. br. disk set in conc. W. side Pac. Coast Hwy, 180' So. of bridge #53-64 & 86' W. & Coast Hwy.	
L.B. K-5 AUX1	137	1804	172	1667	L.B. K-5 AUX 1, elev. = 16.67.	
BM 30-30A.			1153	651	B.M. 30-30A. elev. = 6.515	
L.B.B.M. # 221	450	943		493	FD CITY L.B.B.M. #221 ELEV. 4.927 1961 CORSA DI NAPOLI & GENEVA WALK, S.W. COR. SPK IN INSTALLED AT W. CURB LINE PROD SLY.	
S.L.C. # 10	478	925	496	447	SET S.L.C. #10 CORSA DI NAPOLI & GENEVA WALK L&T IN WALK ON APPROX & GENEVA WALK 1FT N. OF N. EDGE OF CORSA DI NAPOLI	
L.B.B.M. # 221			432	493	CITY L.B.B.M. # 221	
L.B.B.M. # 218	450	934		484	FD CITY L.B.B.M. # 218 ELEV. 4.836 1961	
S.L.C. #11	549	913	570	364	3/4" I.P. S.L.C. #11	F.B. 3249-54.
			429	484	CITY L.B.B.M. # 218	

Notes Ck'd by J. A. CHURCH	Survey of ALAMEDA ST
Map No. B-3036	JN 0303.00 Tape 167 Std 81 °F
Office Work G. H. BOYER	Surveyed by U. H. Brown
Checked J. A. CHURCH	Notes JB & E.S. Date 6-66
Date	Indexed C. J. GALLI

F. B. 3248 Pg. 39 ✓



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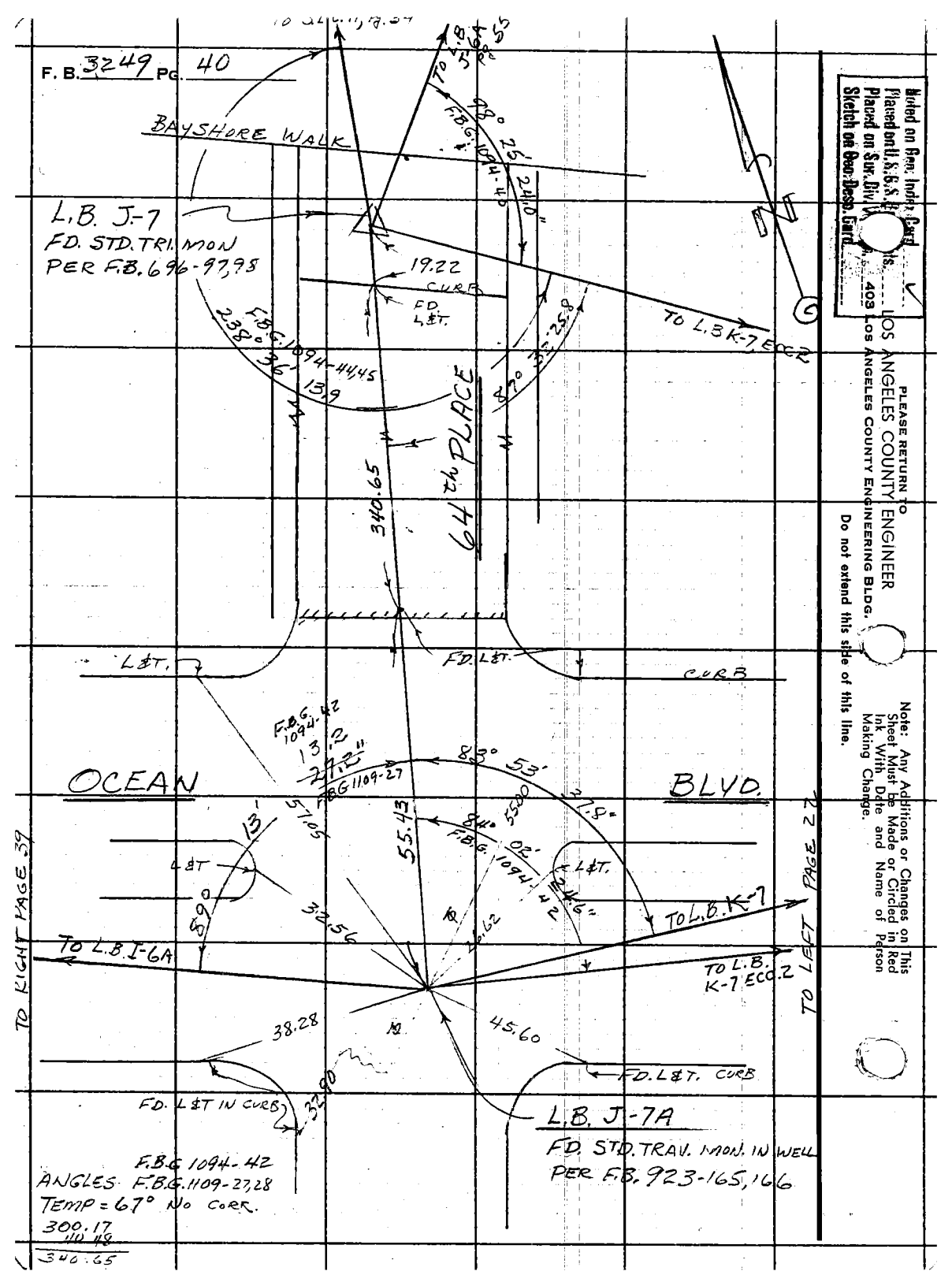
76F309S CE #247—3-57


F. B. 3249 PG. 40
BAYSHORE WALK
L.B. J-7
FD. STD. TRI. MON
PER F.B. 696-97,98
19.22
CURB
FD. L&T.
TO L.B. K-7 ECC.2
F.B.G. 1094-44,45
238° 36' 13.9
87° 35' 25.8
64th PLACE
340.65
L&T.
FD. L&T.
CURB
F.B.G. 1094-42
13.2
27.2"
F.B.G. 1109-27
83° 53'
OCEAN
BLVD.
57.05
55.43
84° 02'
F.B.G. 1094-42
L&T
L&T.
TO L.B. K-7
TO L.B. I-6A
TO L.B. K-7 ECC.2
TO RIGHT PAGE 39
TO LEFT PAGE 22
38.28
45.60
FD. L&T. CURB
FD. L&T IN CURB
L.B. J-7A
FD. STD. TRAV. MON. IN WELL
PER F.B. 923-165,166
F.B.G. 1094-42
ANGLES F.B.G. 1109-27,28
TEMP = 67° NO CORR.
300.17
40.48
340.65
Noted on Geo. Index Card
Placed on U.S.G.S. Records
Placed on Sur. Div. Vol. 403
Sketch on Geo. Desp. Card
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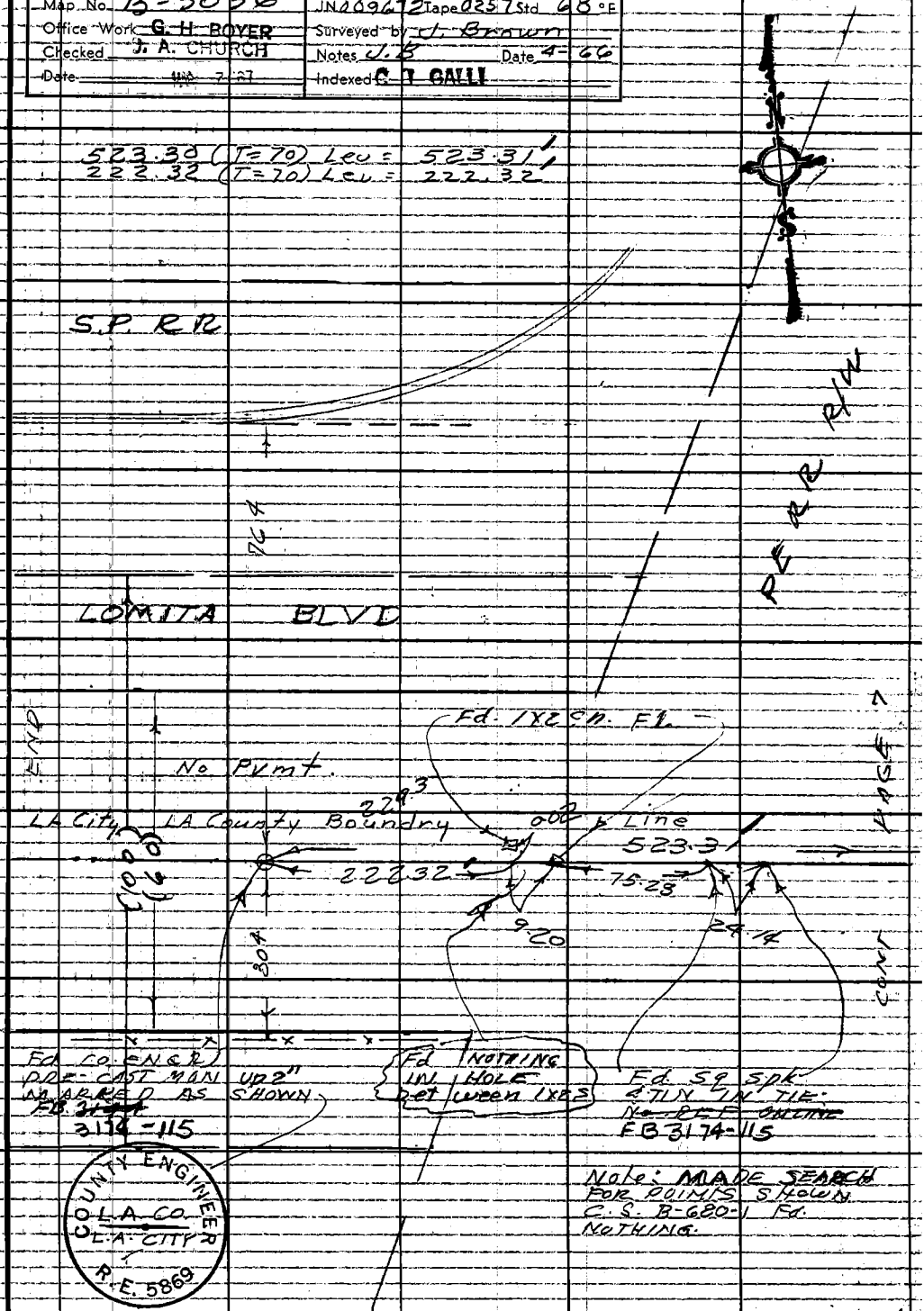
Notes Ck'd by	Survey of Alameda St
Map No. B-3036	JN009672 Tape 0257 Std 68 °F
Office Work G. H. BOYER	Surveyed by J. Brown
Checked J. A. CHURCH	Notes J.B Date 4-66
Date [illegible]	Indexed C. J. GALLI

F.B. 3248 Pg. 41

523.30 (T=70) Lev = 523.31
222.32 (T=70) Lev = 222.32



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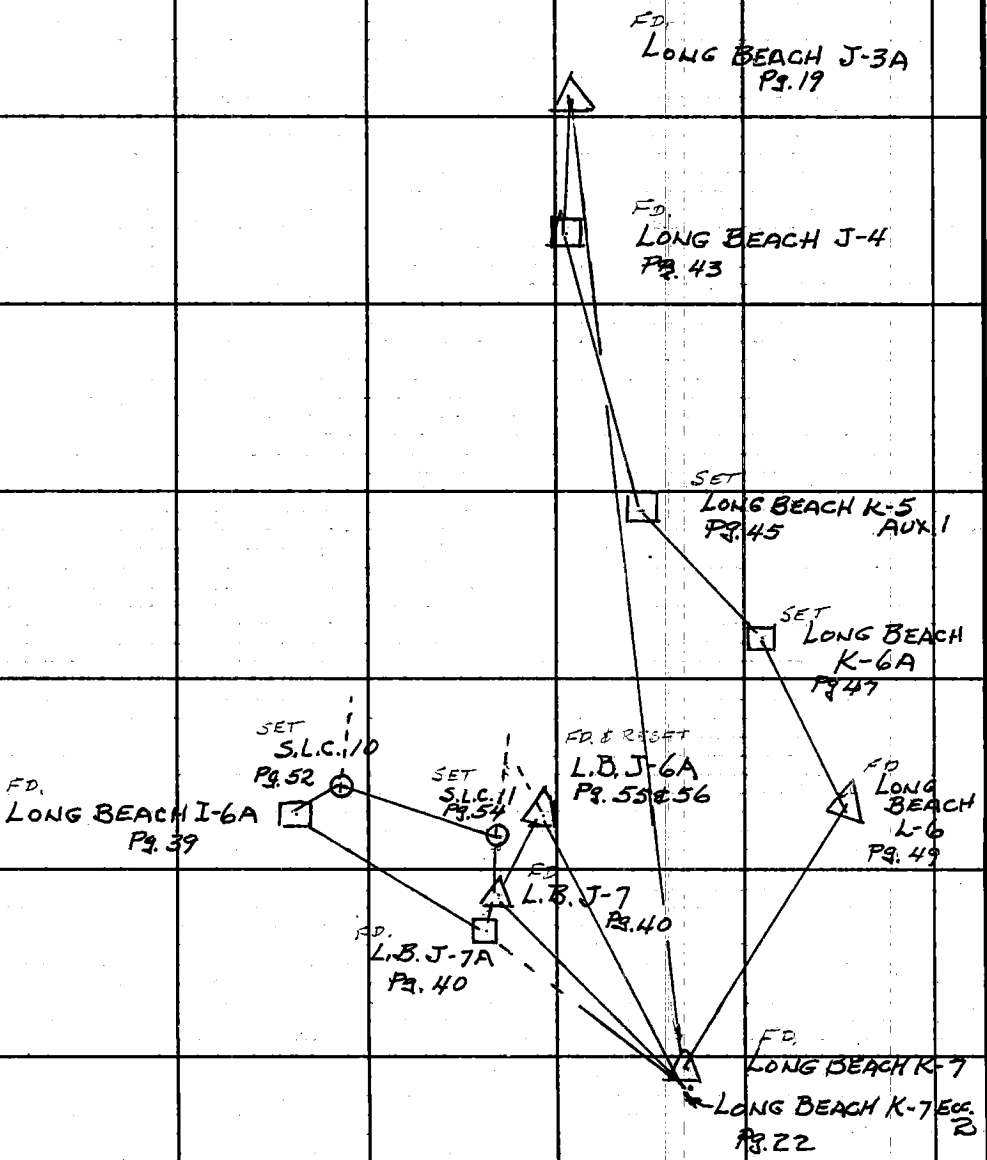
76F309S CE#310 1-65

F. B. 3249 PG. 42

INDEX

CONT. FROM PAGE 6

GEODIMETER NOTES IN F.B. 3607 = 37 TO 50
ANGLES IN F.B.G 1094
F.B.G. 1109



Noted on Geo. Index
Placed on U.S.G.S. Quads.
Placed on Sur. Div. Mon. No. 403
Sketch on Geo. Desc. Card

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Notes Ck'd by J. A. CRUTCH	Survey of ALAMEDA ST
Map No. B-3036	JN 0096-22 Tape 0257 Std 68 °F
Office Work G. H. BOYER	Surveyed by J. H. Brown
Checked J. A. CRUTCH	Notes J. H. B. Date 4-1866
Date MAR 7 67	Indexed C. T. GALLI

F. B. 3249 PG. 43

110 39 02 pg 7
142 33 30
253 12 32
106 47 28 EXPL
73 12 32

Cont Pg 7

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

W.S. 28, D-3

1) 142° 33' 20"
2) 285 07 05
Avg. 142 33 30

1) 124 34 30
4) 138 18 00
6) 27 27 00
Avg 124 34 30

USED butterfly out 250' on outhouse. No Ref.

Cont Pg 42

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76F309S CE#310 1-65

DESC

F. B. 3249 PG. 44

TRAVERSE STATION L.B. J-4

THIS STATION IS IN LOS ANGELES COUNTY IN EAST LONG BEACH AREA ON PACIFIC COAST HWY NEAR SLY END OF CURVE BETWEEN BELLFLOWER BLVD. & COLORADO ST.

STATION MARK: FOUND A STD. 4" BRASS TRAVERSE STATION DISC STAMPED "LONG BEACH J-4 1940 COUNTY SURVEYOR RE2177" 10 INCHES BELOW SURFACE UNDER CAST IRON COVER, PER F.B. 923-163, 164

R.M. NO. 1 NOT RECOVERED

R.M. NO 2 FOUND STD R.M. MON. STAMPED LONG BEACH J-4 R.M. NO 2 1940 COUNTY SURVEYOR R.E 2177" NEAR FLUSH PER F.B. 923-163, 164

Marked on Geo. Index Board
Placed on U.S.G.S. Shts.
Placed on Sur. Div. T.S. No. 403 Los Angeles
Sketch on Geo. Desc. Card

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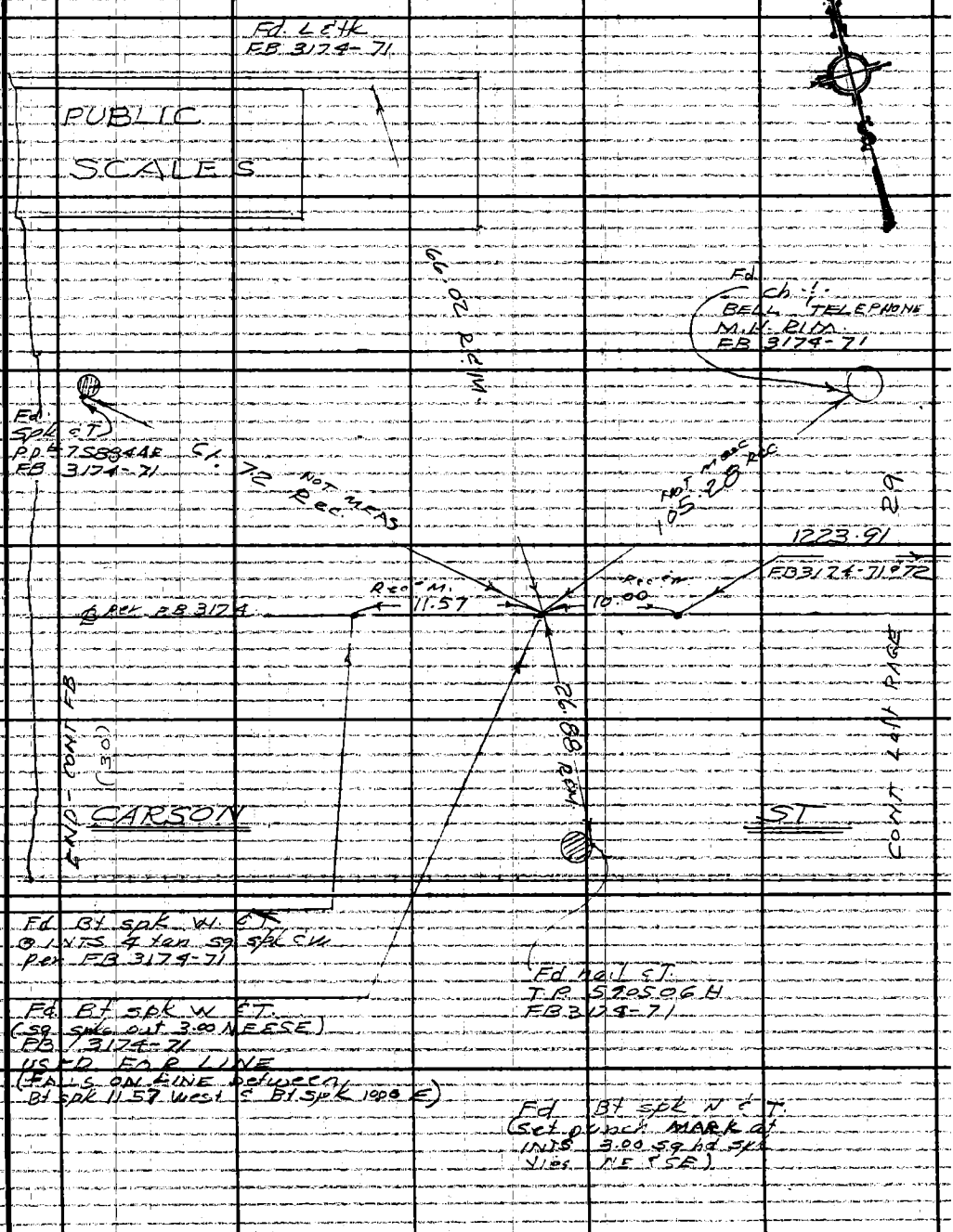
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ALAMEDA ST
Map No. B-3036	JN 0096-72 Tape 0199 Std 68 °F
Office Work G. H. BOYER	Surveyed by J. H. B Rowm
Checked	Notes J. H. B Date 12-21-66
Date	Indexed C. J. GALLI FEB 7 '67

F. B. 3248 PG. 45



W.S. 30, A-2

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S DE #310 6-63

DESC.

F. B. 3249 PG. 46 TRAV. STA. LONG BEACH K-5 AUX.1

THIS STATION IS IN LOS ANGELES COUNTY, CITY OF LONG BEACH, E'LY SIDE, AT S.W. COR. OF PACIFIC COAST HWY. AND LOS CERRITOS CHANNEL, 1.5 FT. W. OF W'LY EDGE OF PAVEMENT, 72 FT. SLY FROM SLY END OF CONC. WALK ON W'LY SIDE OF CONC. BRIDGE

STATION MARK: SET A STANDARD TRAVERSE STATION BRAS DISC STAMPED "L.B. K-5 AUX.1 1965 L.A.CO.ENGR. R.E. 5869" IN CONC., 3 INCHES DEEP

R.M. No. 1 FD. RAMSET IN S.E. COR OF A LARGE CONC. SQUARE MANHOLE

R.M. NO. 2 FD L.&T. AT N.W. COR. OF BRIDGE IN CONC. WALK

R.M. NO. 3 SET L.&TAG IN CENTER OF WALK AT SOUTH BRIDGE ABUTEMENT ON LINE TO R.M. NO. 2

Plotted on Geo. Index
Plotted on U.S.C.&G.S.
Placed on Sur. Div. W. S. R.D.
Sketch on Geo. Desc. Card

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403 Los Angeles County Engineering Bldg.
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Notes Ck'd by	Survey of ALAMEDA ST
Map No. B-3036	JN0096-72 Tape 160 Std 84 °F
Office Work G. H. BOYER	Surveyed by J. H. BROWN
Checked	Notes J.H.B. Date 1-23-67
Date	Indexed G. J. GALLI

F. B. 3248 PG. 47

CONT. BOT PAGE 48

1) 90 00 00
2) 180 00 00
Avg = 90 00 00

(9 0)

conc. pumt

50+44.01
Fd L & tk
RD E.O. 399-79

50+44.01
Set L & CO ENGR
tag ON LINE
of Fd L & tks

33.33

33.34 (T=60) = 33.33
33.34 (T=60) = 33.33
Avg = 33.33

50+43.67
Fd Lg Sg spk
No Ref

50+44.01
Fd L & tk
RD DEPT.
E.O. 399-79

49+24.64
Fd L & tk
No Ref

52.77 (T=60) = 52.76

50+44.01
Set L & CO ENGR tag
FL @ 90° ON LINE

48+71.88
Set L & CO
ENGR tag
IN Cb

Fd L & tk
IN CONC Cut
No Ref

172.16 (T=60) = 172.13
172.16 (T=60) = 172.13
Avg = 172.13

48+71.88 PG 14
Set L & CO ENGR tag
FL ON LINE @ 90°
to tk

ALAMEDA

CONC Cb

54.98

1) 90 00 00
2) 180 00 00
Avg 90 00 00

CONT TOP PG 13

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76F3095 CE #310 6-63

DESC.

F. B. 3249 PG. 48 TRAV. STA. L.B. K-6A

THIS STATION IS IN LOS ANGELES COUNTY, EAST LONG BEACH AREA, ON CENTERLINE OF SECOND ST., 330.64 FT. EAST OF PACIFIC COAST HWY. IN CENTER DIVIDER ISLAND FLUSH WITH SURFACE.

STATION MARK: SET A STANDARD TRAVERSE STATION BRASS DISC STAMPED "LONG BEACH K-6A 1965 L.A.CO.ENGR. R.E. 5869" IN CONC. FLUSH WITH BLACKTOP SURFACE OF TRAFFIC ISLAND

R.M. NO. 1, SET L. & TAG IN N. CURB AT 90° TO ℄ OF 2ND ST.

R.M. NO 2, SET L. & TAG IN S. CURB AT 90° TO ℄ OF 2ND ST.

Entered on Geo. Index Card ✓
Placed on U.S.G.S. Quads
Placed on Spr. Div. Card
Sketch on Geo. Desc. Card

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LOS ANGELES COUNTY ENGINEERING BLDG.
403

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

Survey of L.B. SUB STUDIES
JN 0301.C.0 Tape 0185 Std 68 °F
Surveyed by G.E. DREIER
Notes G.E.D. Date 7-9-65
Indexed C. J. GALLI

F. B. 3249 Pg. 49

Note: Geo. Index Card Placed on U.S.G.S. Quad. Shts. Placed on Sur. Div. W.S. No. Sketch on Geo. Desc. Card

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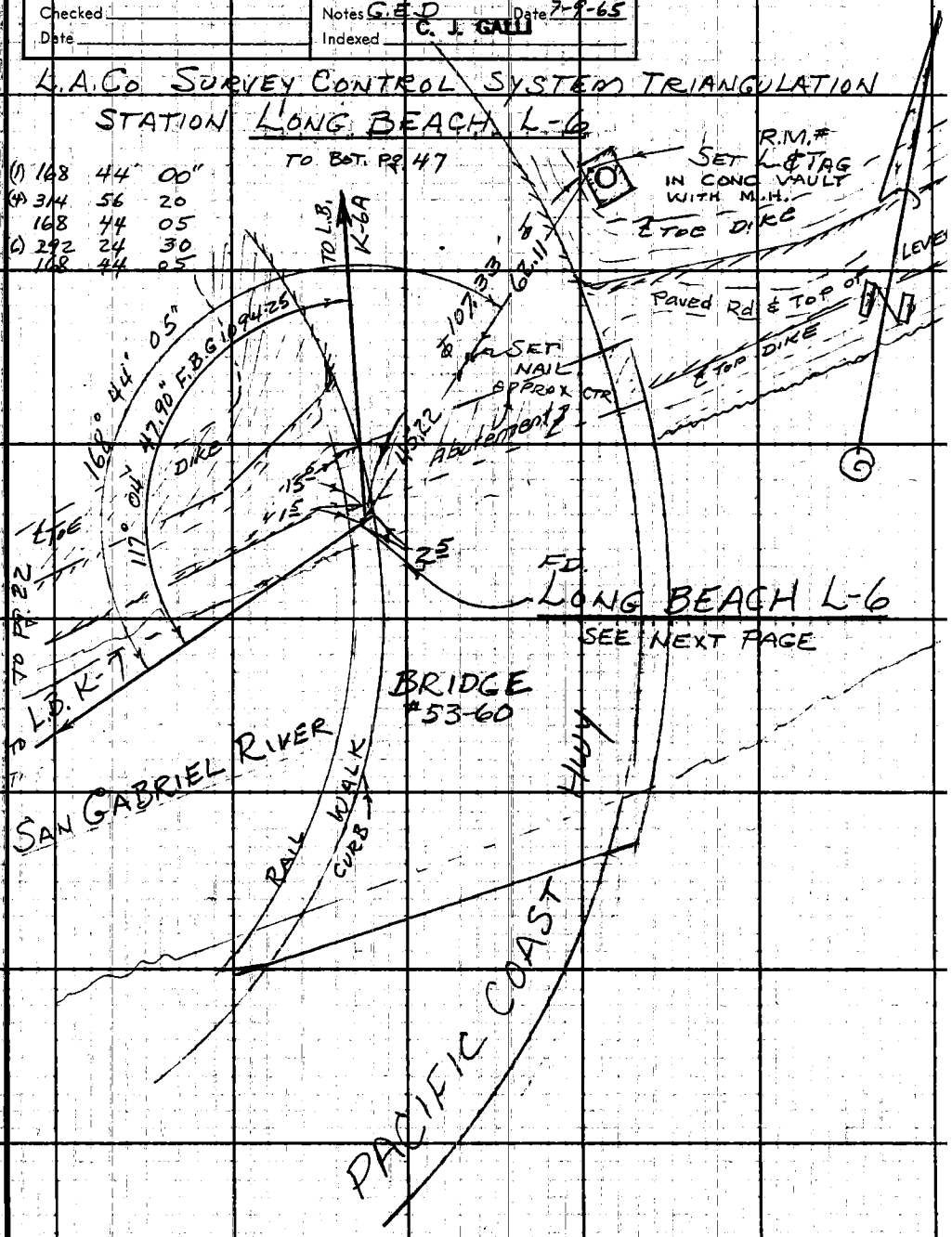
403 Los Angeles County Engineering Bldg.

L.A.Co. SURVEY CONTROL SYSTEM TRIANGULATION

STATION LONG BEACH L-6

TO BOT. PG. 47

(1) 168 44' 00"
(4) 314 56 20
168 44 05
(C) 292 24 30
168 44 05



7 OF 309S C.E. #310 8-62

DESC.

F. B. 3249 PG. 50 TRI. STATION L.B. L-6

THIS STATION IS IN LOS ANGELES COUNTY, E. LONG BEACH AREA AND IS ON CONC PEDESTRIAN WALK NEAR N.W. COR OF BRIDGE ON PACIFIC COAST HWY OVER SAN GABRIEL RIVER

NOTE:- THIS BRIDGE WAS RAISED IN ELEV., PRECISE LINE #30 ELEV = 15.285 (1962) & ELEV. PER F.B. 3249-37 = 20.77 NOW.

STATION MARK FOUND A STD TRIANGULATION DISC STAMPED LONG BEACH L-6 1937 R.E 2177 COUNTY SURVEYOR.

R.M.# Set Lead & L.A.CO. ENGR. TAG IN MOST WLY COR. TOP OF CONC. VAULT WITH M.H.

Noted on Geo. Index
Placed on U.S.G.S.
Placed on Sur. Div.
Sketch on Geo. Desc. Card

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Notes Ck'd by	Survey of ALAMITOS BAY
Map No.	JN 08824D Tape 0185 Std 68° °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 6-29-65
Date	Indexed C. J. GALLI

F. B. 3249 PG. 51

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

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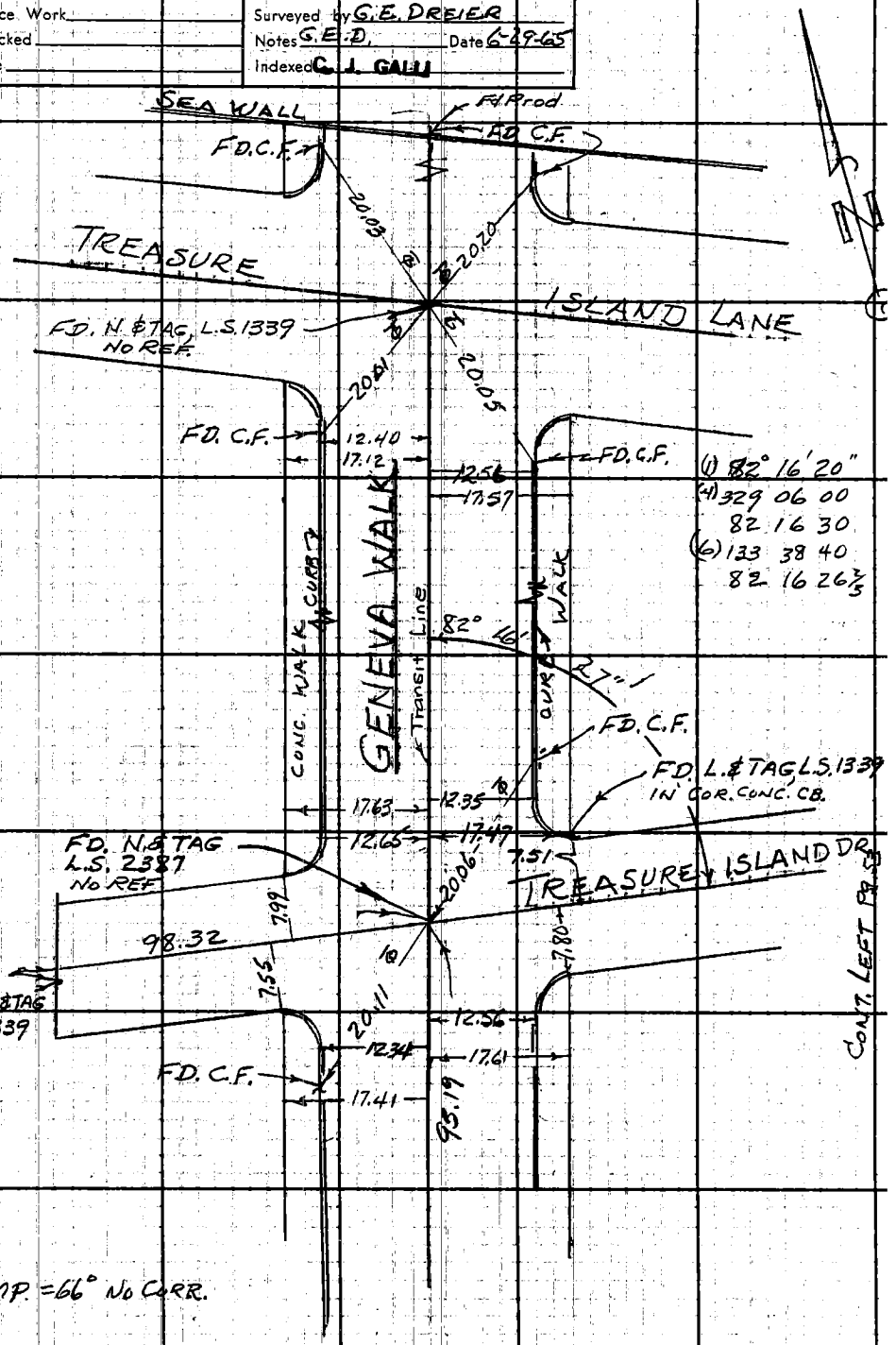

TEMP. = 66° NO CORR.

CONT. NEXT PAGE 52

76F3095 CE #310 6-62

Noted on Geo. Index Card
Plotted on U.S.G.S. Quad Sheets
Placed on Sur. Div. W.S. No. 403
Sketch on Geo. Desc. Card

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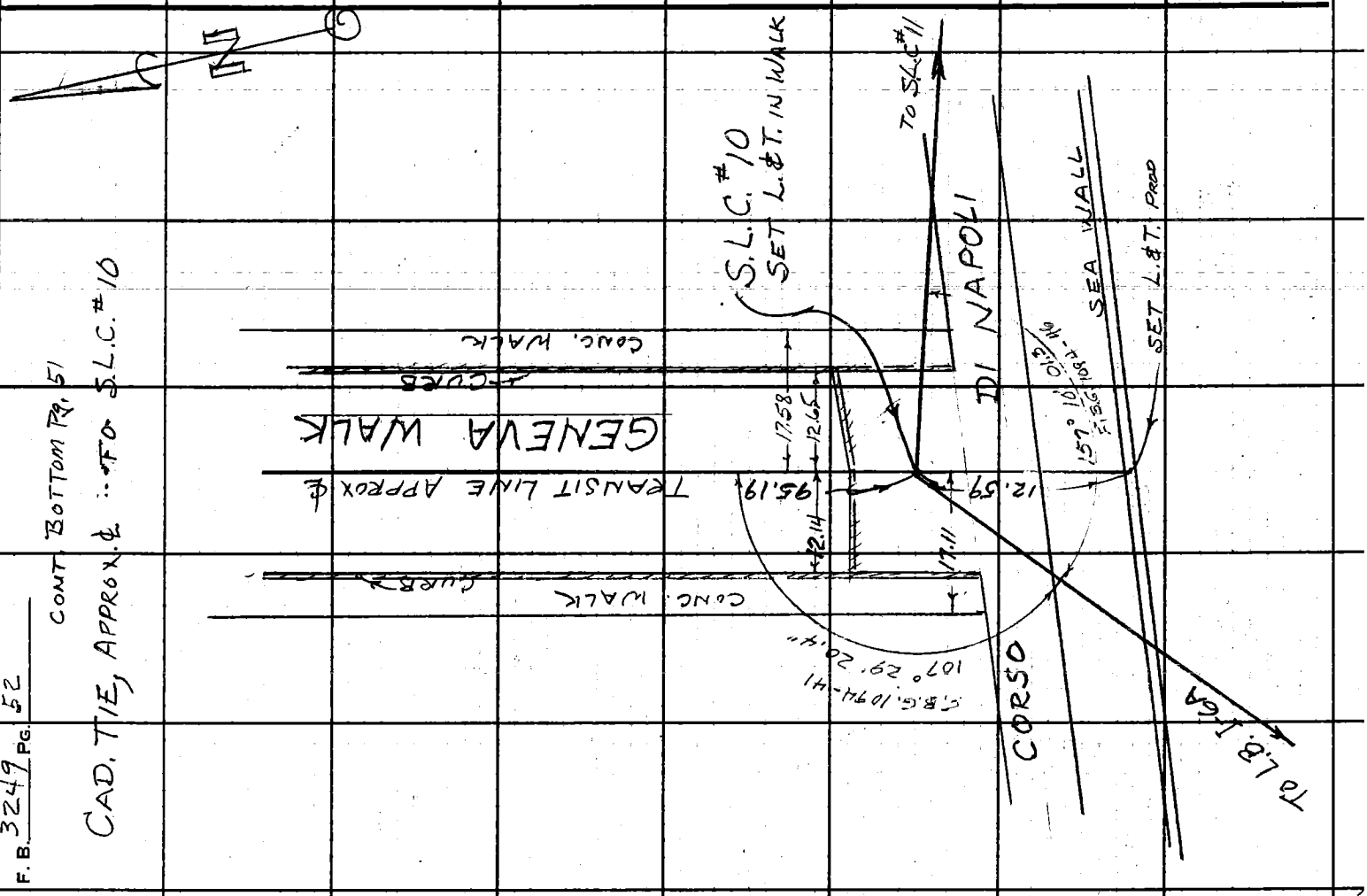

CONT. BOTTOM Pg. 51

CAD. TIE, APPROX. ℄ TO S.L.C. #10

F. B. 3249 PG. 52

76F309S CE #310 6-62

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Mailed ... Index Card
Plotted ... U.G.S. Quad. Shts.
Placed in Bk. ... Div. W.S. No.
Sketch on Geo. Desc. Card

CONT ON RIGHT PAGE 51

TREASURE

TRANSIT LINE

APPROX ℄

FD. C.F.

7.51

7.34

CONC WALK

CURB

PALERMO

20.01

FD. C.F.

C.F.

WALK

0.38

CURB

WALK

20.02

FD. N.℄ TAG, L.S. 2387, NO REF.

APPROX ℄

8.10

20.11

CURB

CONC. WALK

CURB

CONC. WALK

7.54

7.29

FD. C.F.

L.S. 2387

FD. C.F.

0.13

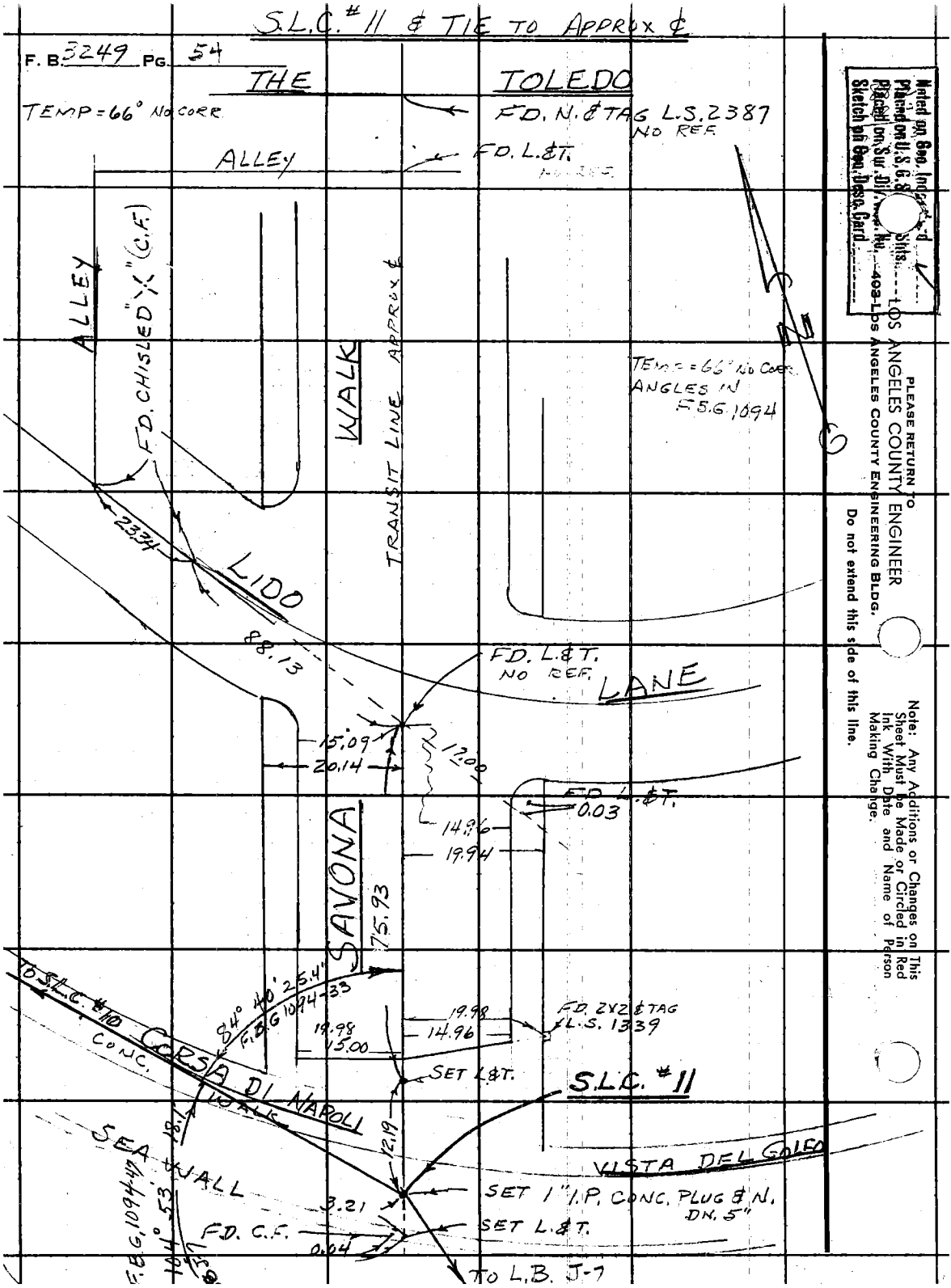
FD. C.F.

ISLAND DR.

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

Survey of ALAMITOS BAY
JN 0882. HD Tape 0185 Std 68 °F
Surveyed by G.E. DREIER
Notes G.E.D. Date 6-29-65
Indexed C. J. GALL

F.B. 32449 PG. 53



Noted on Geo. Indexed
Placed on U.S.G.S. Sheets
Placed on Sur. Div. Mon. No.
Sketch on Geo. Desc. Card

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Notes Ck'd by	Survey of ALAMITOS BAY	F. B 3249 PG. 55
Map No.	JN 0882.40 Tape 0185 Std 68 °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes G.E.D. Date 6-29-65	
Date	Indexed C. J. GALLI	

Noted on Inder Card
Placed on G.S. Quad. Shts.
Placed on Geo. Div. W.S. No.
Sketch on Geo. Desc. Card

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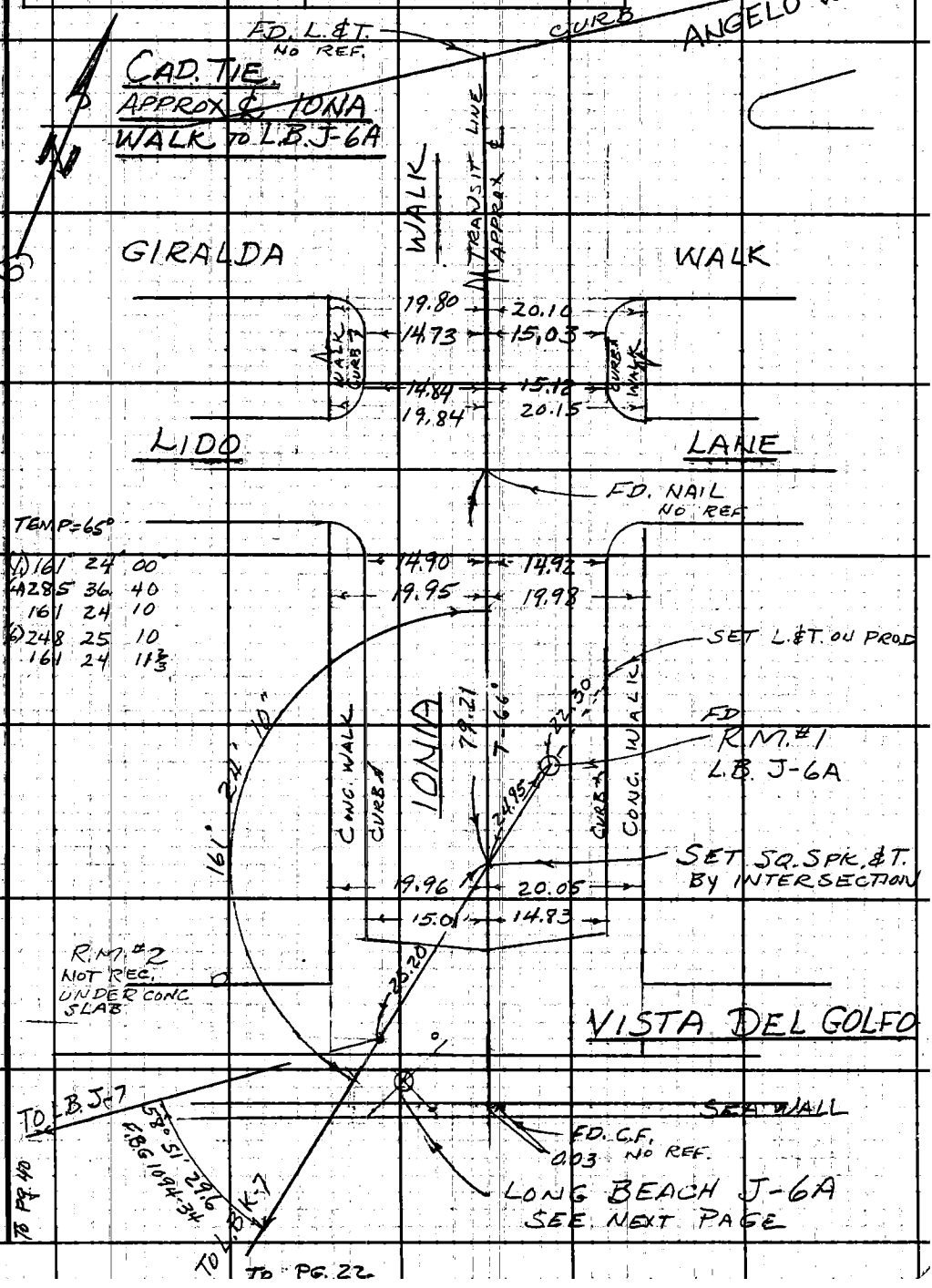
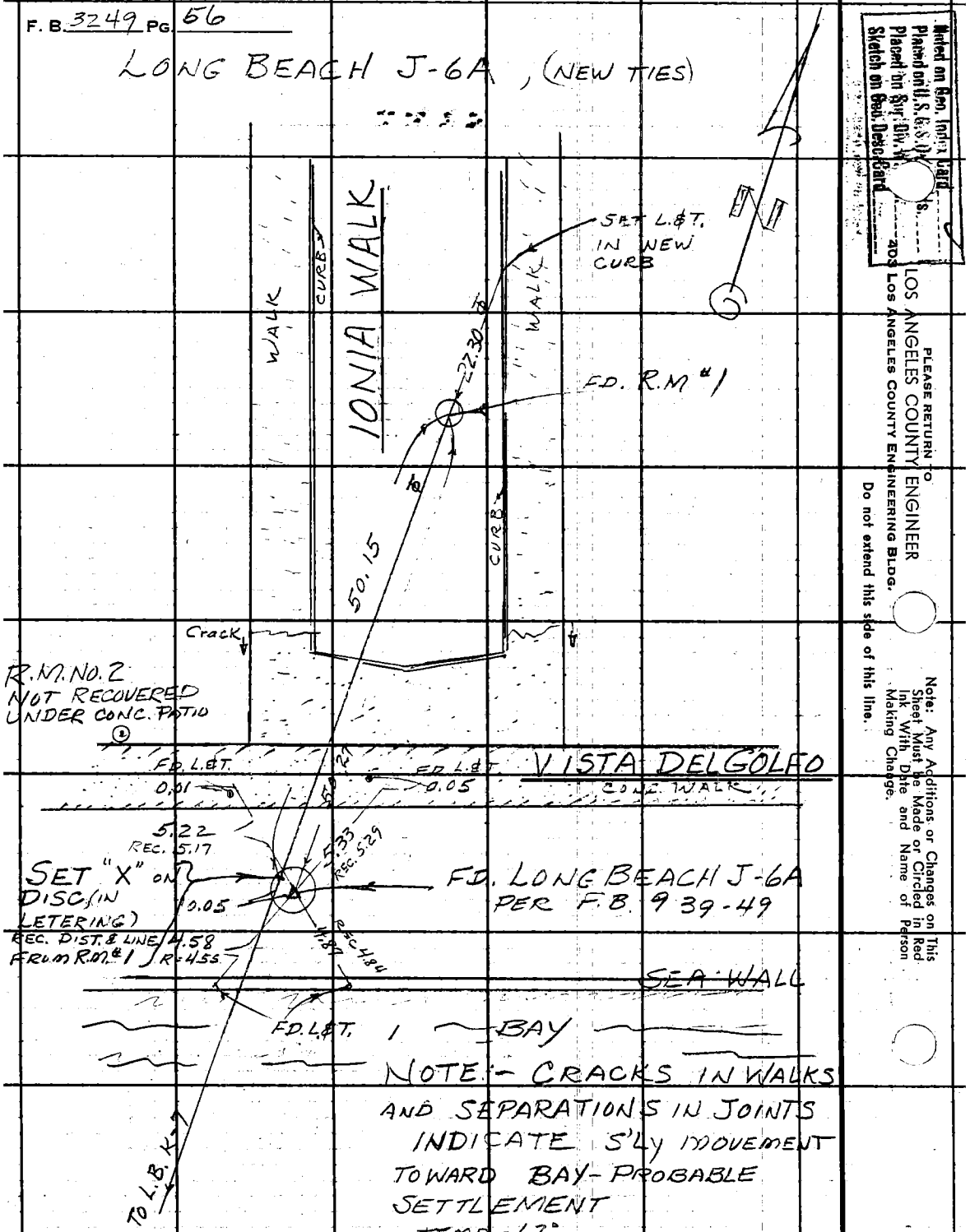
403 LOS ANGELES COUNTY ENGINEERING BLDG.



76F3095 CE #3 0 6-62

F. B. 3249 PG. 56

LONG BEACH J-6A, (NEW TIES)



NOTE - CRACKS IN WALKS AND SEPARATIONS IN JOINTS INDICATE S'Ly MOVEMENT TOWARD BAY - PROBABLE SETTLEMENT

TEMP = 67°

Mailed on Rec. Index Card
Plotted on U.S.G.S. Map
Placed on Sur. Div. Map
Sketch on Geod. Data Card

203 LOS ANGELES COUNTY ENGINEERING BLDG.

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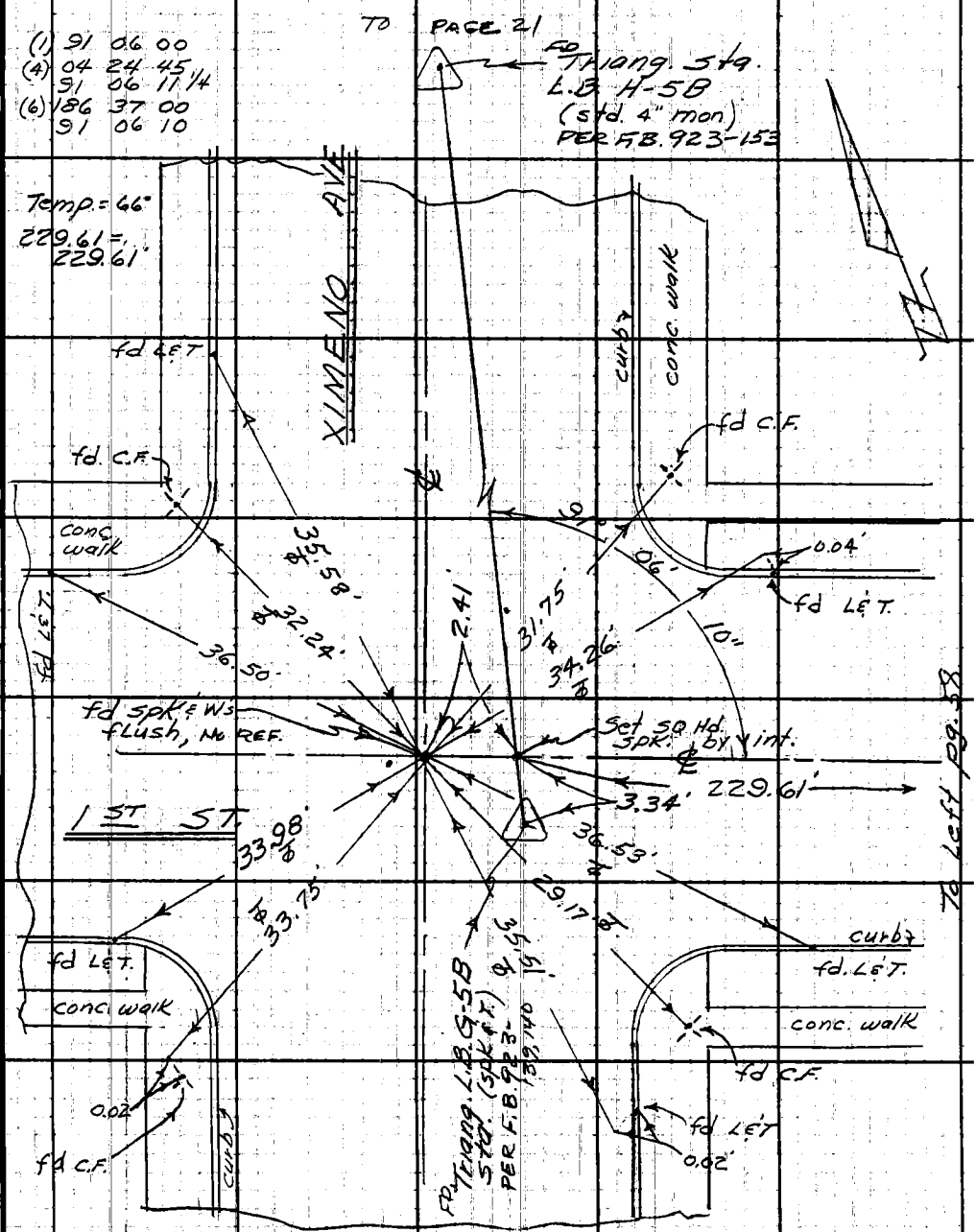
Notes Ck'd by	Survey of ALAMITOS BAY	F. B. 3249 PG. 57
Map No.	JN 0882.40 Tape 0185 Std 68 °F	
Office Work	Surveyed by DREIER	
Checked	Notes J. BAZEN Date 6/30/65	
Date	Indexed C. E. GALEF	

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

CADASTRAL TIE "1ST & XIMENO TO L.B. G-5B"



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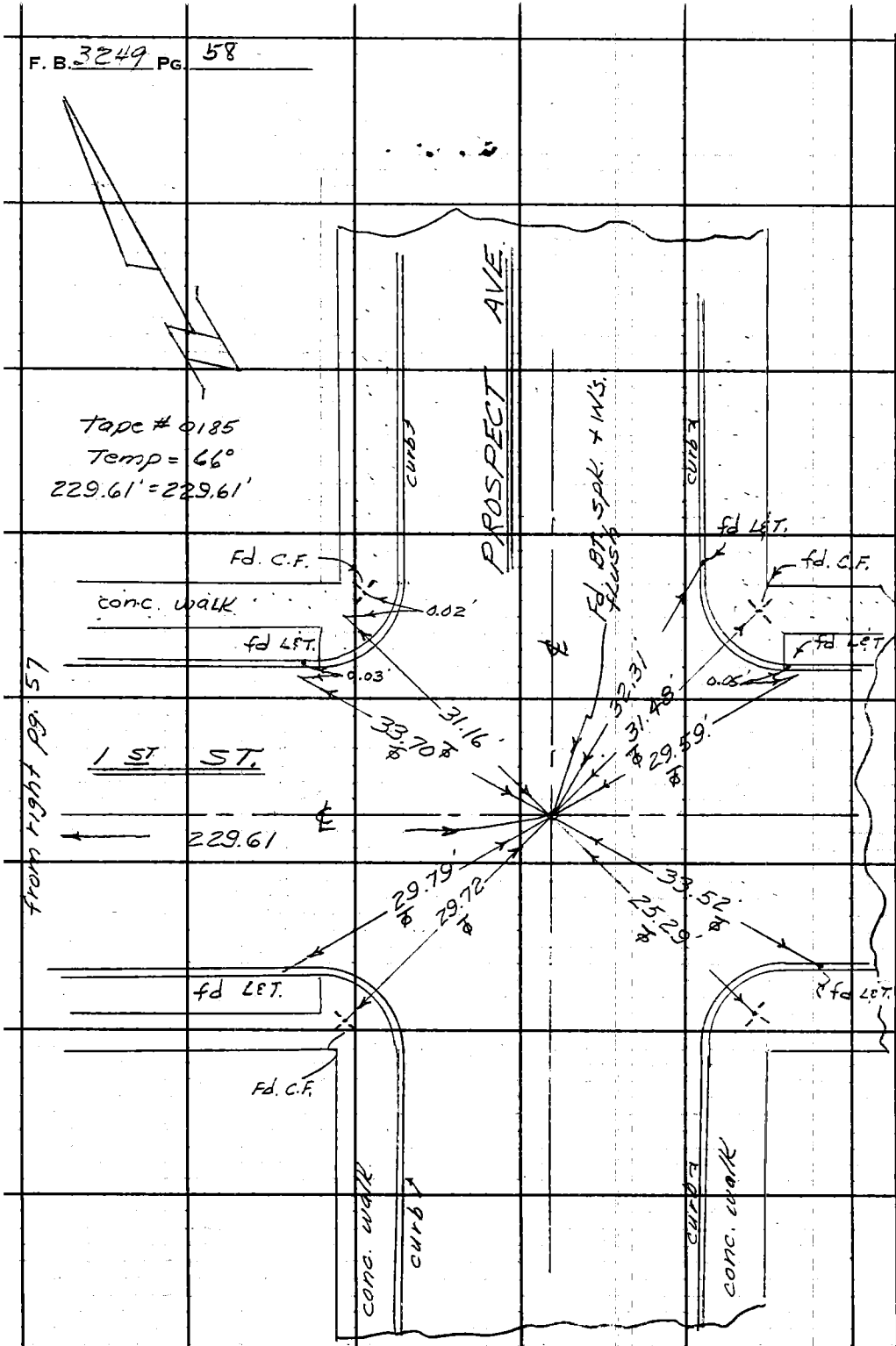
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #3 0 6-62

F. B. 3249 PG. 58



Noted on Geo. Index Card
Placed on U.S.G.S. Pts.
Placed on Sur. Div. W.S. No. 403
Sketch on Geo. Desc. Card

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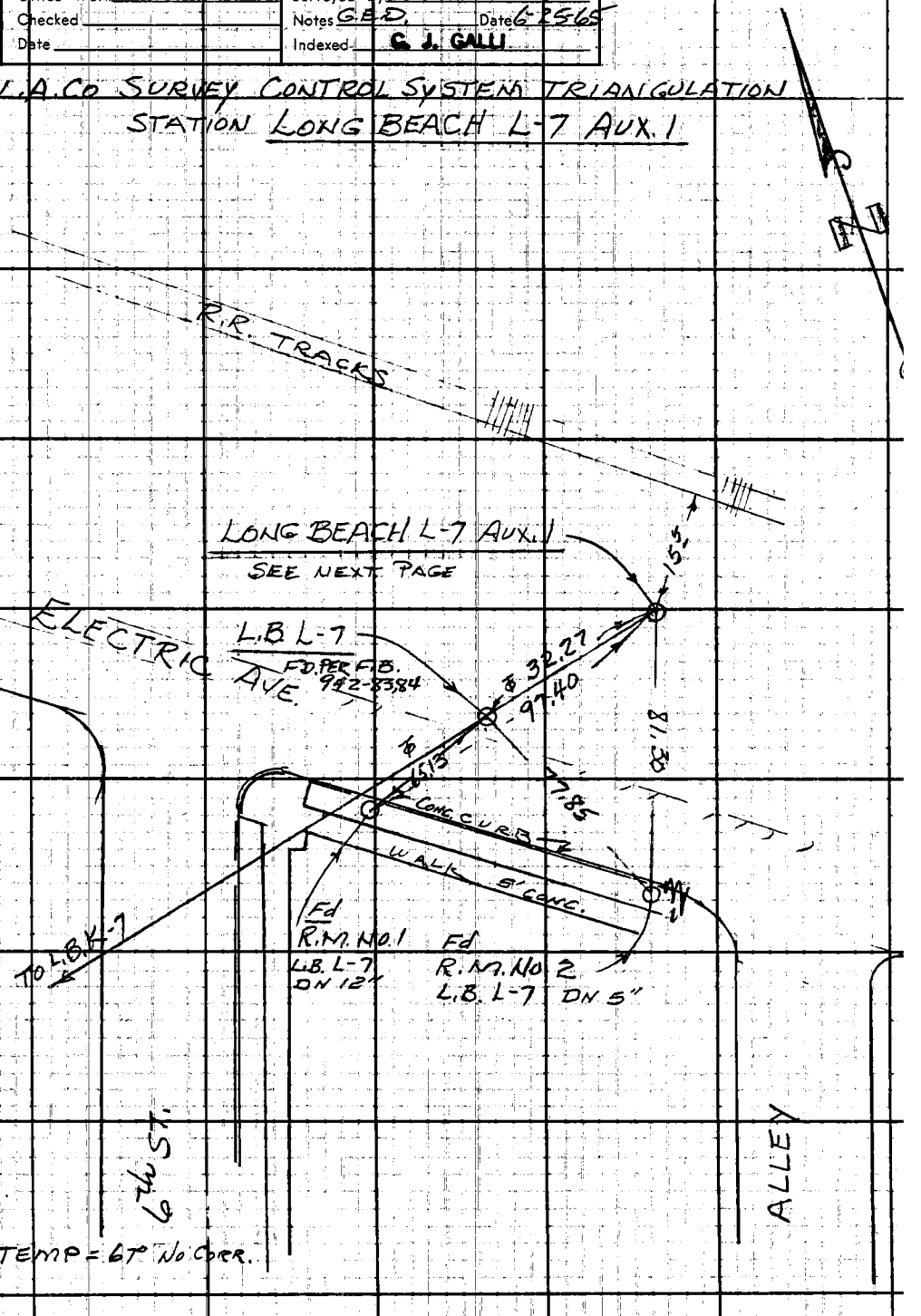
Placed on U.S.G.S. Quad. Shts.
Placed on Sur. Rlv. W.S. No.
Sketch on Geo. Desc. Card

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

Survey of GEOD. CONTROL
JN 0301.00 Tape 0185 Std 68 °F
Surveyed by G.E. DREIER
Notes G.E.D. Date 6-25-65
Indexed G. J. GALLI

F. B. 3249 PG. 59

L.A.Co SURVEY CONTROL SYSTEM TRIANGULATION STATION LONG BEACH L-7 AUX. 1



TEMP = 67° NO CORR.

97.40
32.27
65.13

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76F3095 C.E. #3 0 6-82

F. B. 3249 PG. 60

DESC.

TRI. STA. L.B. L-7 AUX. 1

THIS STATION IS IN ORANGE COUNTY, CITY OF SEAL BEACH, IN ABANDONED P.E.R.R. R/W, SOUTH OF THE TRACKS BETWEEN 6th ST. AND ALLEY EAST OF 6th ST., ON LINE PROD. FROM L.B. K-7 THROUGH L.B. L-7

STATION MARK: SET A STD. TRIANGULATION STATION MON. STAMPED "LONG BEACH L-7 AUX 1 1965 L.A. CO. ENGR. R.E. 5869" 12" DEEP

R.M. NO. 1, USED R.M. NO 1 TO L.B. L-6 PER F.B. 942-83, 84

R.M. NO. 2 USED R.M. NO 2 TO L.B. L-6 PER F.B. 942-83, 84

Noted on Geo. Index Card ✓
Placed on U.S.G.S. Shts. ____
Placed on Sur. Div. W.S. No. ____
Sketch on Geo. Desc. Card ____

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Office Work
Checked
Date

Survey of GEODETIC CONTROL
JN Tape Std °F
Surveyed by R. C. Wilson
Notes R. C. Wilson Date 3-74
Indexed G. D. BAILEY MAR 29 1974

F. B. 3249 PG. 61

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GEODETIC CONTROL

AZUSA AREA

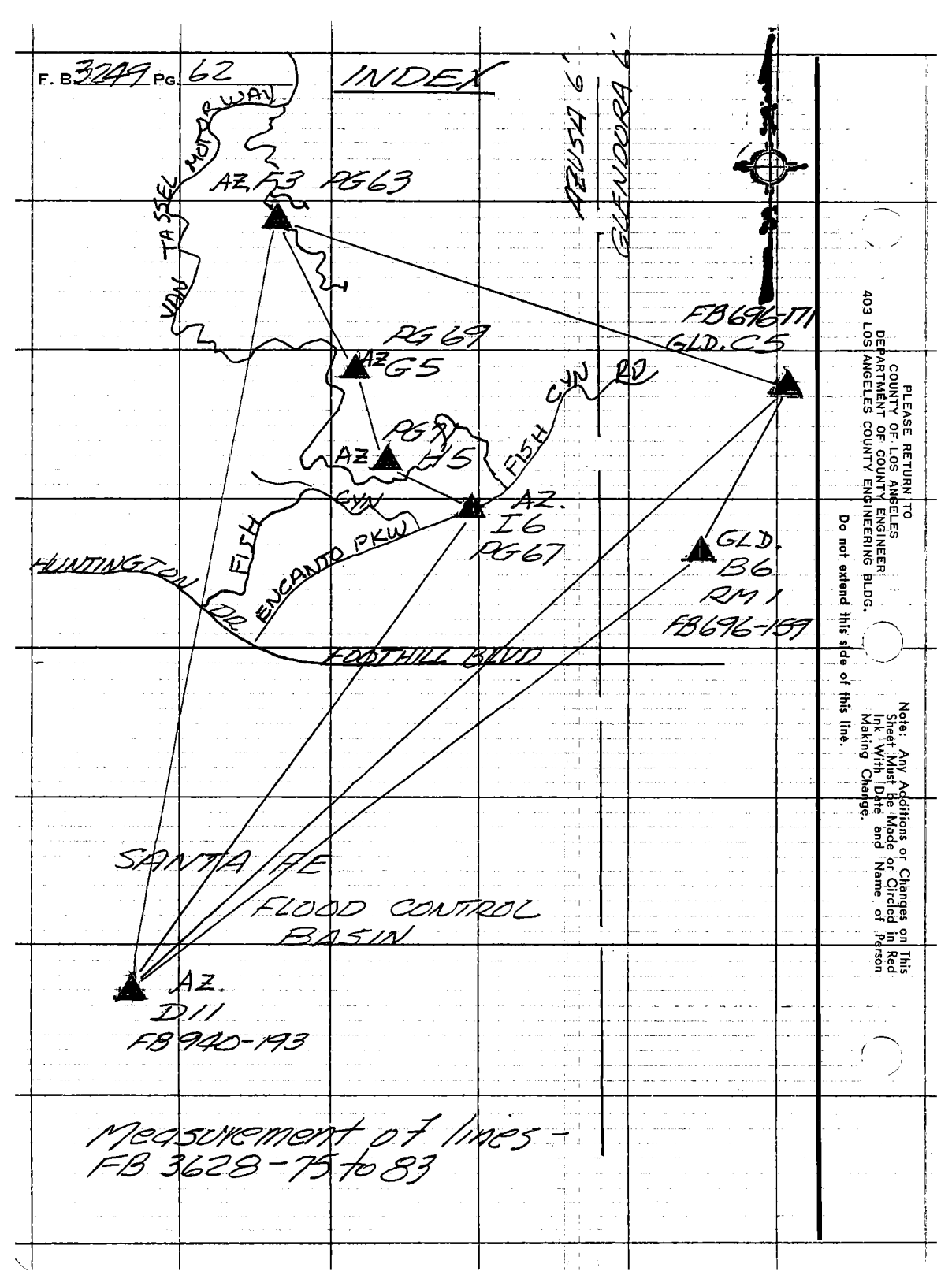
JN 0301.00

ZONE 7 TIE TO
VAN TASSEL MOTORWAYE

3-19 TO 3-27
1974

Wilson
Pyle
Barnett
Fisher
Florek
Martinez
McCoy

76F309S CE#310 3-69


F. B 3249 PG. 62
INDEX
AZ. F3 PG 63
MOTORWAY
TASSEL
VAN
PG 69
AZ G5
AZ
PG 67
H5
FISH
CYN
RD
AZ.
I6
PG 67
ENCANTO PKW
HUNTINGTON DR
FOOTHILL BLVD
AZUSA
GLENDORA
FB696-171
GLD. C5
GLD.
B6
RM 1
FB696-159
SANTA FE
FLOOD CONTROL
BASIN
AZ.
D11
FB940-193
Measurement of lines -
FB 3628-75 to 83
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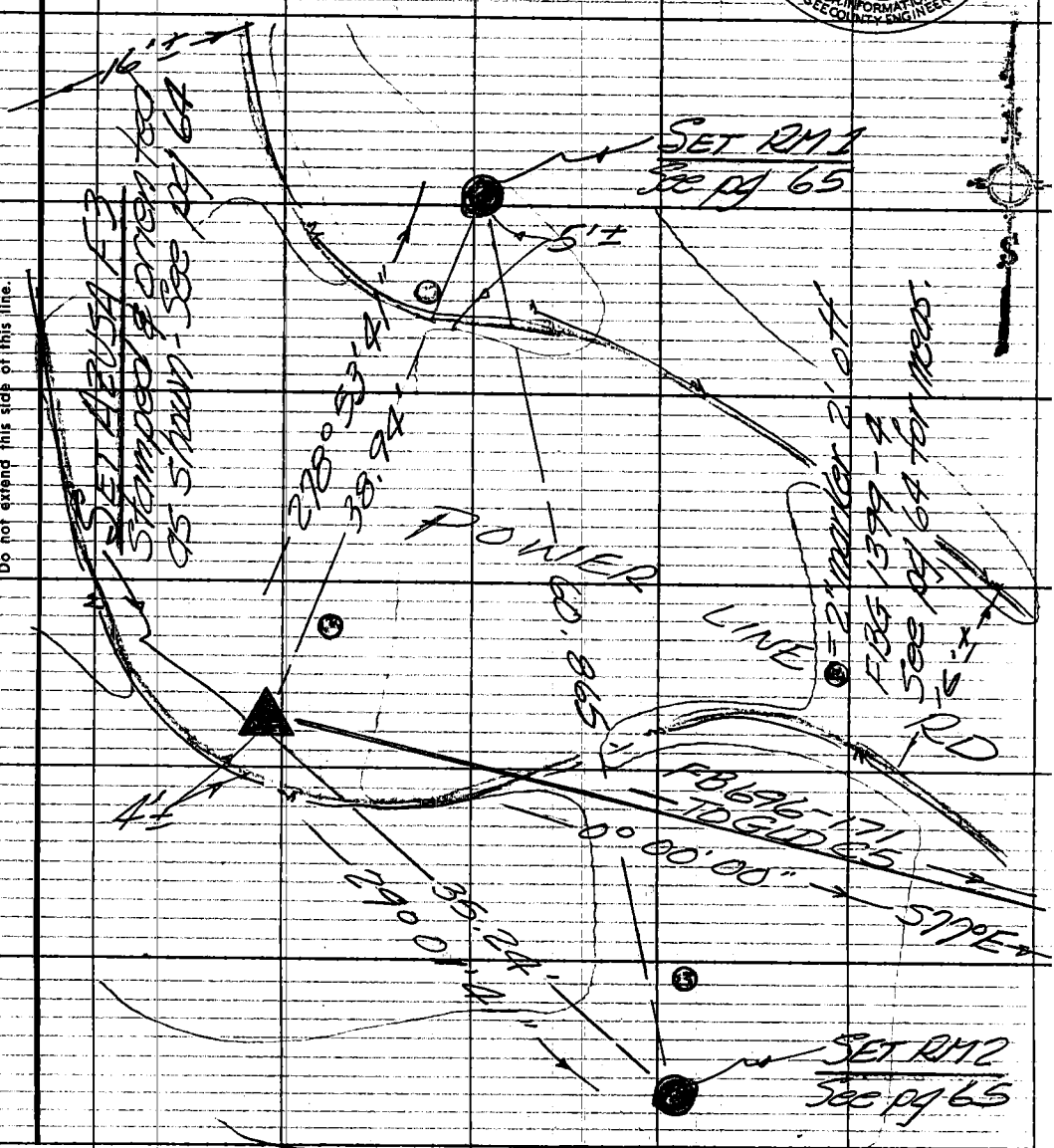
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 391.00 Tape Std °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes R. C. Wilson Date 1-27-74
Date	Indexed G. D. BAILEY MAR 29 1974

F. B. 3249 PG. 63

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA F3
1974
SET BY
RE 7078
FOR INFORMATION SEE COUNTY ENGINEER

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA F3



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3249 PG. 64

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA F3

300'± 174 48°T Measurements 50MTR*113

38.95' = 38.94' 11.873 = 11.870 = 38.94'
35.25' = 35.24' 10.745 = 10.742 = 35.24'
SLANT MEASURE dc = 6.97' RM1 TO RM2
61.28' = 60.88' = 60.865'
18.677 = 18.556 = 60.88' = 60.865'

AREA
This trav. stn. is located in the city of Monrovia, on the w'ly side of Van Tassel Cyn, 2500'± E ≠ 1500'± S of the N.W. Cor. of sec 17 T1N R10W, on the w'ly side of a power trans. line service road.

ROUTE From its intersection with Fish Cyn road, travel n'w'ly on Van Tassel Motorway 0.2 mile to gate ≠ fire lck; continue 0.5 mile ≠ cross stream; continue up grade 1.3 mile ≠ pass under trans. lines; continue up grade 2.7 mile to a trans. service rd on the rt; turn rt ≠ pass towers (down grade) 0.3 mile and pass to the E around tower; continue down grade 0.2 mile to a "Y" bear rt. up steep rd, then down grade 500'± to the station @ a wide spot in the road.

STATION MARK: A 4" L.A. Co. Sur. Cont. Sys. brass trav. disc stamped "AZUSA F3 1974 RE7078" set in an 8" conc. post, 2" above ground. No sub-surface mark set.

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 GEODETIC CONTROL
Jk 3200 Tape Std °F
Surveyed by R. C. Wilson
Notes R. C. Wilson Date 3-7-74
Indexed S. D. BAILEY MAR 29 1974

F. B. 3249 PG. 65

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA F 3

REFERANCE MARKS:

RM 1: A 4" L.A. Co. Sur. Cont. Sys. brass ret. mark disc stamped "AZUSA F3 RM 1 1974 RE 7078" up 2" and set in an 8" conc. post.

RM 2 Same as RM 1, except stamped "RM 2".

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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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76F309S CE#310 3-69

F. B. 3249 PG. 66

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA F3

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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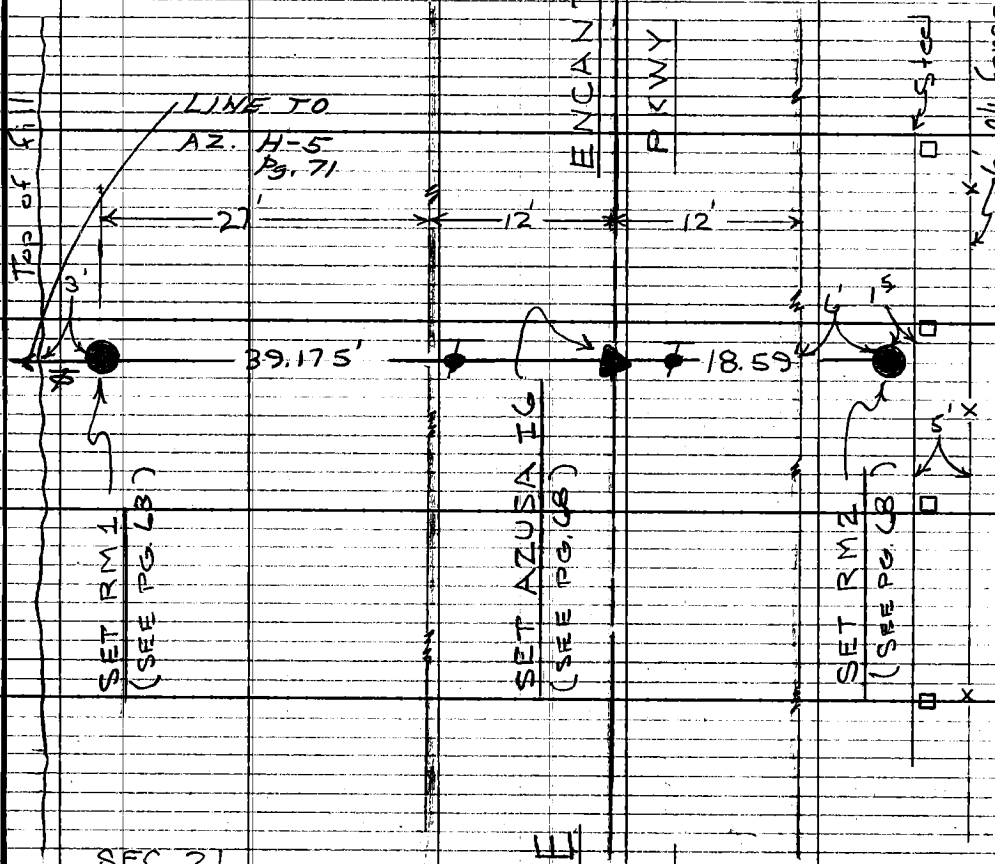
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN0301.05 Tape Std °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes C.A. PYLE Date 3/28/74
Date	Indexed by G.D. BAILEY MAR 29 1974

F. B. 3249 PG. 67

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA I6



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16F309s CE#310 3-69

F. B. 3249 PG. 68

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA IG

300' TAPE #174 MEASUREMENTS 50 MTR. M3

39.185' LEV @ 60° = 39.175' 11.943M LEV. @ 58° = 39.173'

18.59' LEV @ 60° = 18.59' 5.667M LEV @ 58° = 18.59'

AREA & ROUTE

THIS TRAVERSE STA. IS IN L.A. CO. IN THE VICINITY OF THE SAN GABRIEL VALLEY GUN CLUB, ADJACENT TO THE SAN GABRIEL RIVER. IT IS ON APPROX. ℄ OF ENCANTO PKWY. (WHICH BECOMES FISH CYN RD.) 1.23 MILES NORTH OF ITS JUNCTION WITH FOOTHILL BLVD. (HUNTINGTON DRIVE). ENCANTO PKWY ℄ IS THE CORPORATE BDRY. LINE BETWEEN DUARTE & AZUSA. THE STATION IS ON A HIGH SPOT ON THE ROAD AT THE FLOOD CONTROL DIKE CROSSING. IT IS 500' N & 1300' W OF THE S.E. COR. OF SEC. 21, T.1N., R.10W. SEE USGS 7½' SHEET "AZUSA CALIF." QUAD. 1966

STATION MARK

FD. A SPIKE & TIN, RESET A LARGE BOAT SPIKE WASHER & TIN. SPIKE & TIN APPEARED TO BE SET ON ℄ OF ENCANTO PKWY. (FISH CYN RD) L.L. BROWN TO VERIFY.

REFERANCE MARKS

RM 1 – A 4" BRASS REFERANCE MARK DISC STAMPED: "AZUSA IG RM 1 1974 RE 7078" SET IN AN 8" CONC. POST WHICH IS 3" ABOVE GRD. SET ON TAN. TO AZUSA H5 FROM AZUSA IG ALSO TAN TO AZUSA IL RM 2.

RM 2 – IDENTICAL TO "RM 1" EXCEPT STAMPED: "RM 2" SET ON TAN. PROD. FROM RM 1 THROUGH AZUSA IG. ALSO TAN. PROD. FROM AZUSA H5

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN ____ Tape ____ Std ____ °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes R. C. Wilson Date 3-27-74
Date	Indexed G. D. BAILEY MAR 29 1974

F. B. 3249 Pgs. 69

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA G5

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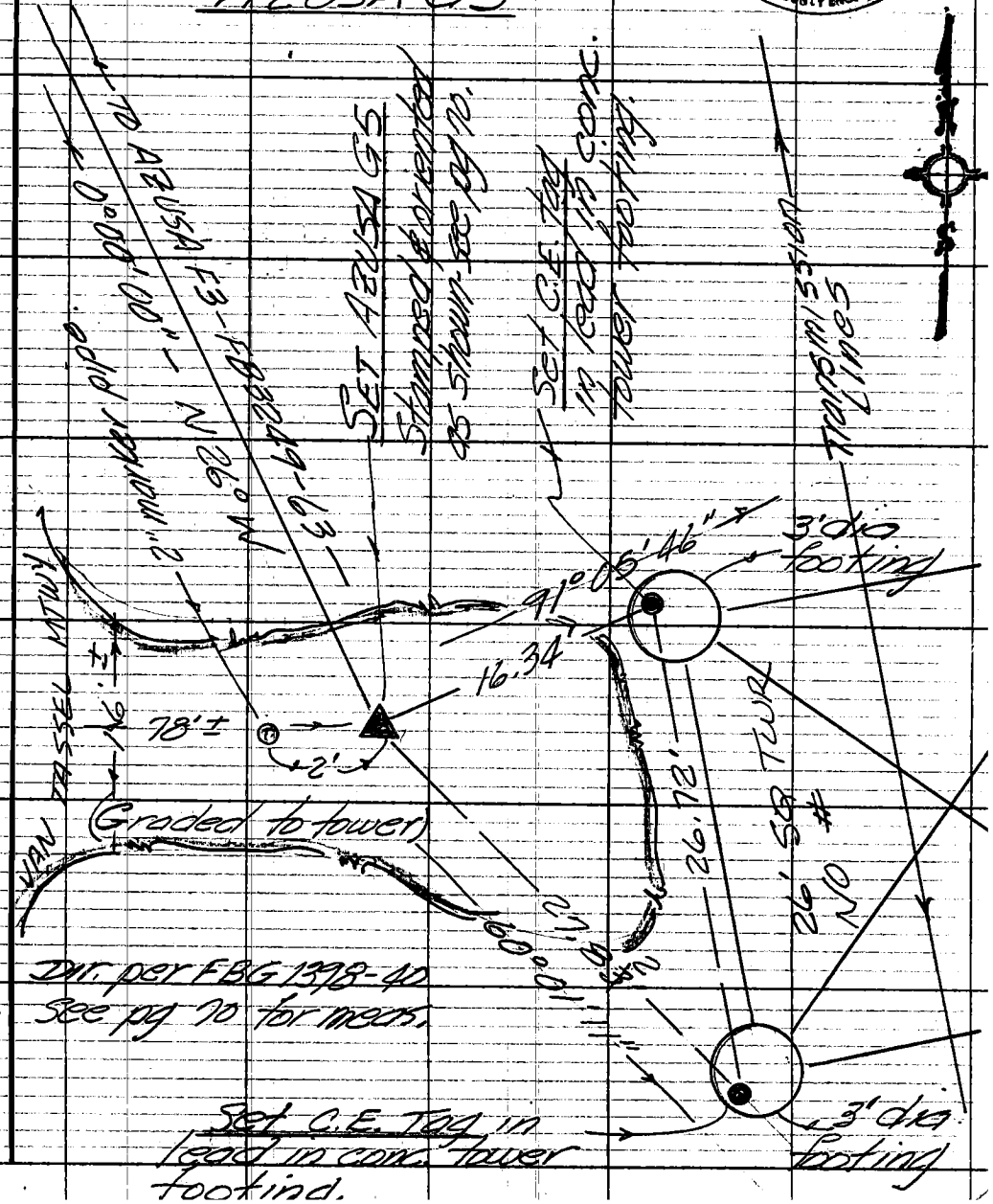

16F309s CE#310 3-69

F. B. 3249 PG. 70

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

AZUSA G5

300' #174 55°T Measurements 50 Mtr # M3

16.34' =	16.34'	4.980m =	4.980m = 16.34'
27.83' =	27.82'	8.484m =	8.481m = 27.82'
26.73' =	26.72'	8.147m =	8.144m = 26.72'

AREA

This trav. sta. is located in the city of Duarte, on the wly side of Van Tassel Cyn, 600'± W & 750'± S of the N.E. Cor of SEC 20, T1N, R10W, 80'± east of Van Tassel Motorway, at a transmission tower site.

ROUTE: From its intersection with Fish Cyn Rd, travel n'wly on Van Tassel Motorway 0.2 mile to gate & fire lock; continue 0.5 mile & cross stream; continue upgrade 1.3 mile & pass under trans. lines; continue up grade 0.5 mile to a sharp curve to the lft, the trans. tower on the rt, & the sta. 80'± east of road.

STATION MARK:

A 4" L.A. CO. SUR. CONT. SYS. brass trav. disc stamped "AZUSA G5 1974 RE 7078" up 2" & set in an 8" conc. post. No sub-surface mark set.

REFERENCE MARKS:

None set except as shown.

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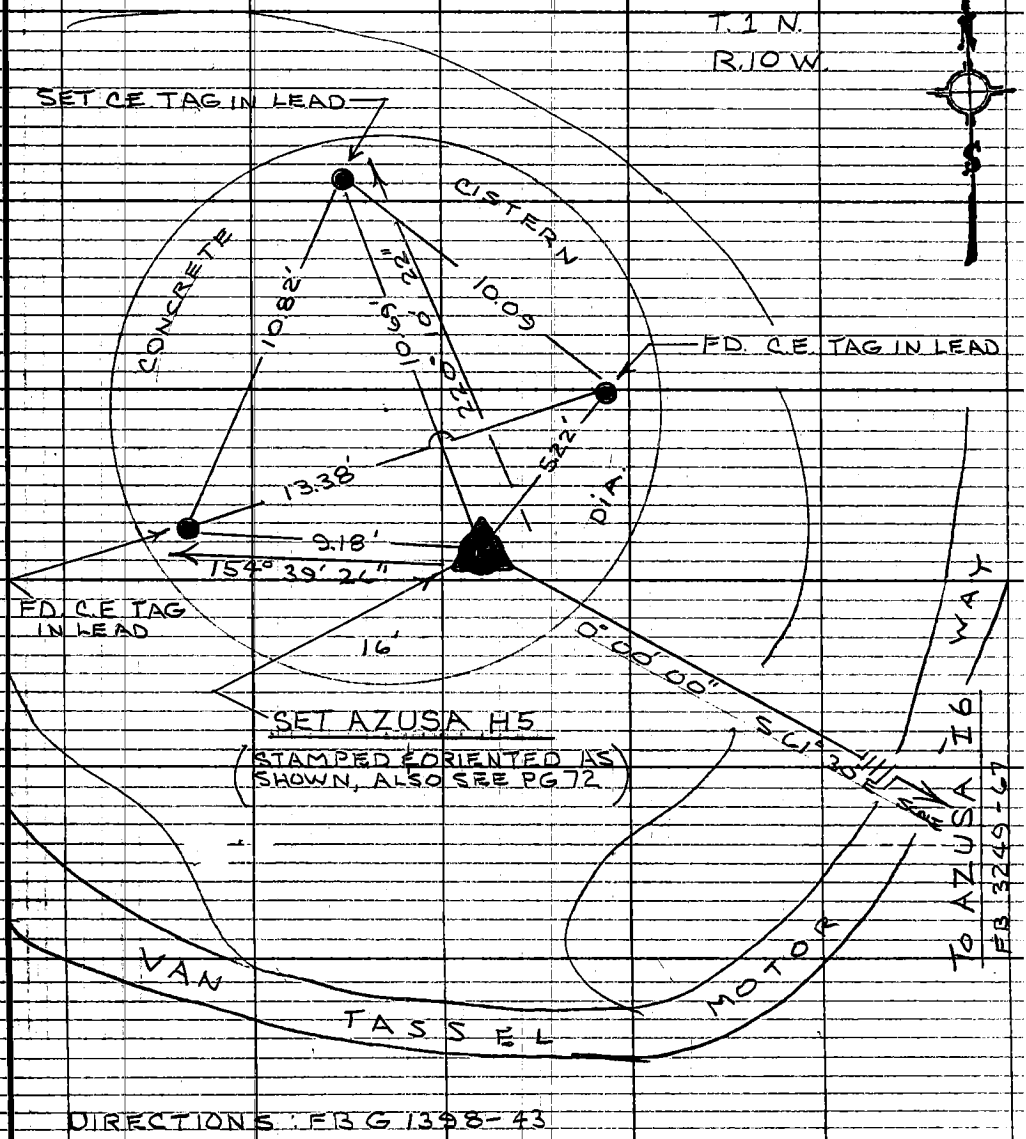
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes C. A PYLE Date 3/28/74
Date	Indexed G. D. BAILEY MAR 29 1974

F. B 3249 Pg. 71

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA H5

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA H5
1974
SET BY
RE 7078
FOR INFORMATION SEE COUNTY ENGINEER

SEC. 21
T. 1 N.
R. 10 W.



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76F309S CE#310 8-69

F. B. 3249 PG. 72

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
AZUSA H5

AREA & ROUTE

THIS TRAVERSE STA. IS IN L.A. CO. IN THE VICINITY OF VAN TASSEL CYN., ON TOP OF A 16' DIA. CONC. FIRE CISTERN 70' ± EAST OF THE VAN TASSEL MWY. IT IS 2680' ± S & 200' ± E OF THE N.W. COR. OF SEC. 21, T1N, R10W. SEE USGS 7½' SHEET "AZUSA CALIF." QUAD. 1966. FROM ITS JUNCTION WITH FISH CYN. RD. TRAVEL N.WLY. ON VAN TASSEL MWY. 0.20 MILE TO A GATE (L. LOCK), PASS THROUGH AND CONTINUE THROUGH THE HIXON RANCH 0.50 MILE TO A SMALL STREAM BEGIN TO ASCEND AND PROCEED 1.10 MILES TO A WIDE SPOT IN THE ROAD AT A FIRE CISTERN SITE AND THE LOCATION OF THE STATION.

STATION MARK

A 4" BRASS TRAVERSE STA. DISC STAMPED "AZUSA H5 1974 RE 7078" BONDED FLUSH ON THE TOP OF A 16' DIA. CONC. FIRE CISTERN.

REFERANCE MARKS

THREE C.E. TAGS SET IN LEAD WITH BRASS TACKS, SHOWN ON PG. 71

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