INDEX TO F.B. 2160

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INDEX TO F.B. 2160

DATE	J.N.	DESCRIPTION	NOTES	PAGES
		MISCELLANEOUS SURVEYS		
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11-57	0021.50	SAN DIMAS REGIONAL OFFICE,	℄ & ties	17-20
"	"	" "	Topog	21-22
"	"	" "	X-sects	23-26
10-57	8841.11	PARAMOUNT PARK	℄ & ties	27-30
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4-58	7059.02	NEW HALL OF RECORDS	Topog	115-119
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6-58	"	" " , Location & Invert Elev.S.S. M.H. @ Court St. & Broadway	Loc.& Elev.	139-140
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			X-sect	155-164

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PWFB 3224 492

Notes Ck'd by	Survey of Yucca Tree St
Map No.	JN 043200 Tape Std °F
Office Work	Surveyed by RL Willey
Checked	Notes 11 Date 10-57
Date	Indexed C. Johnson

F. B. 2166 Pg. 5

YUCCA TREE ST
JN 043200
10TH ST W.
FROM AVE Q.
TO AVE P.

10-28-57
RL Willey
DL Burkholder
J.P. McColl
R A Swann

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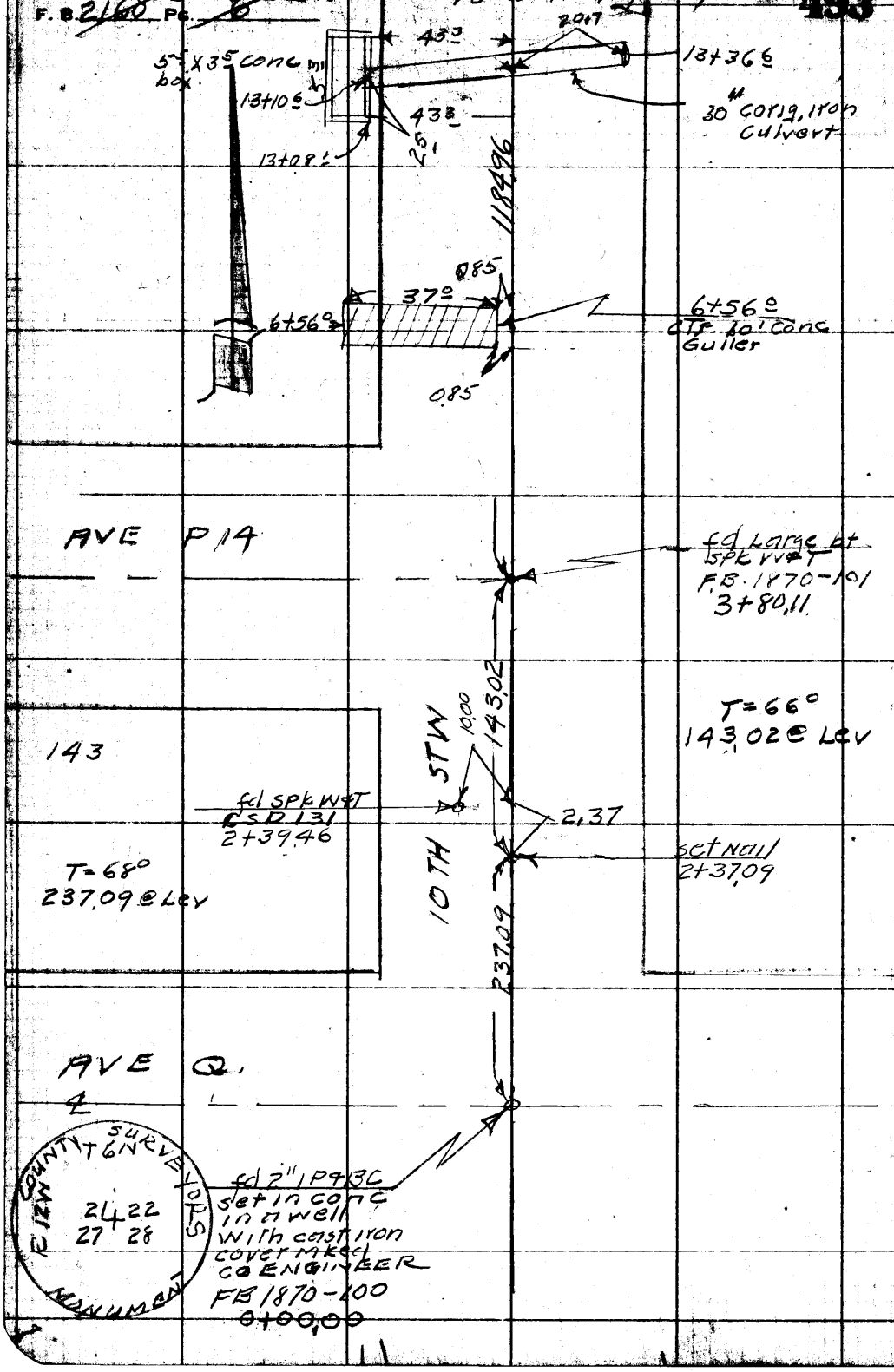
76F3068 SAE 1247 1-56

PWFB 3224

F.B. 2160 Pg. 6

To bot pg #7

493



W.S. 65

A-2

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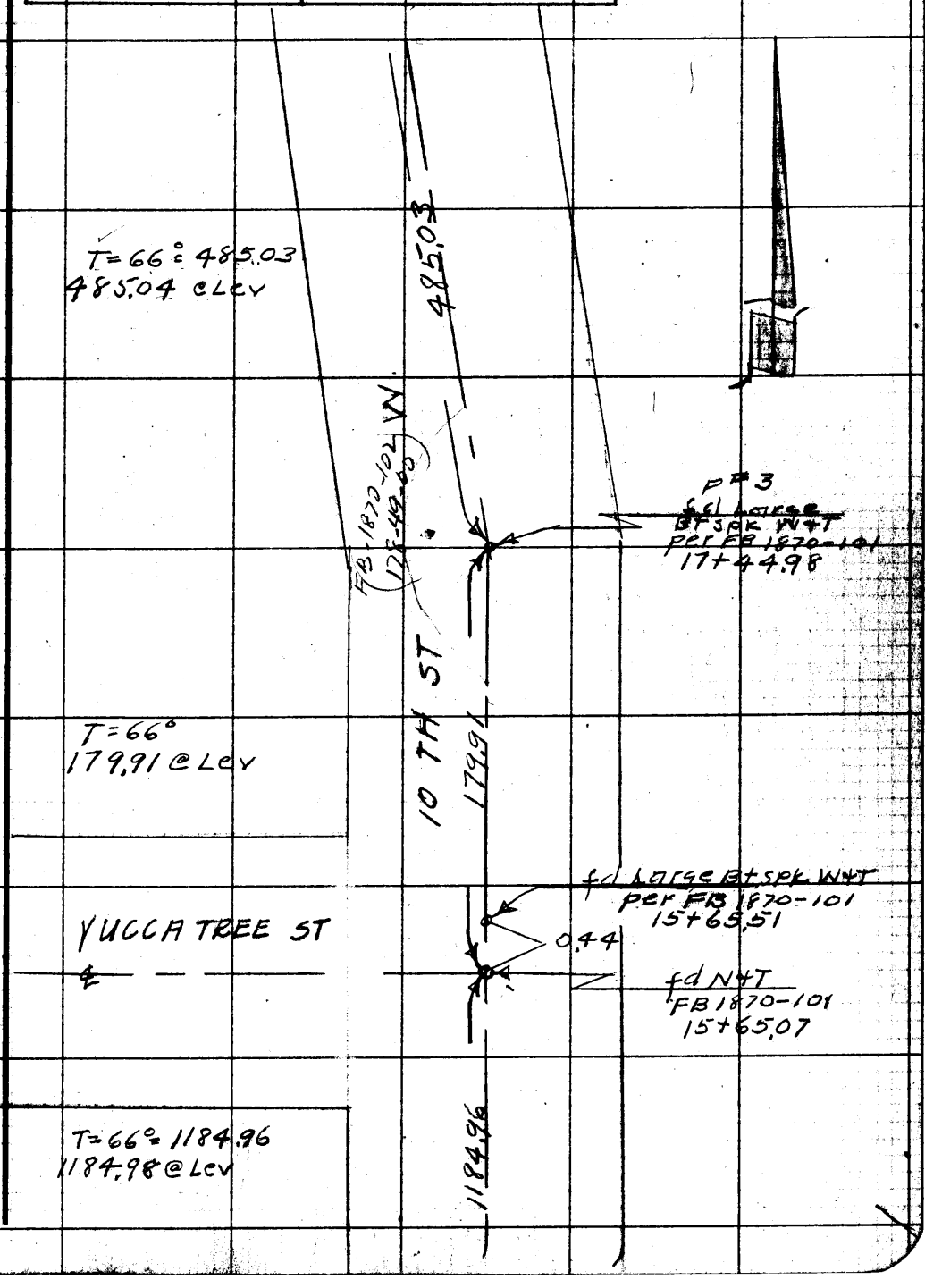
PWFB 3224 494

Notes Ck'd by	Survey of Yucca Tree St
Map No.	JN 043260 Tape 0136 Std °F
Office Work	Surveyed by R L Willey
Checked	Notes RLW Date 11-57
Date	Indexed C. Johnson

F. B. 2160 Pg. 7

A-2

W.S. 65



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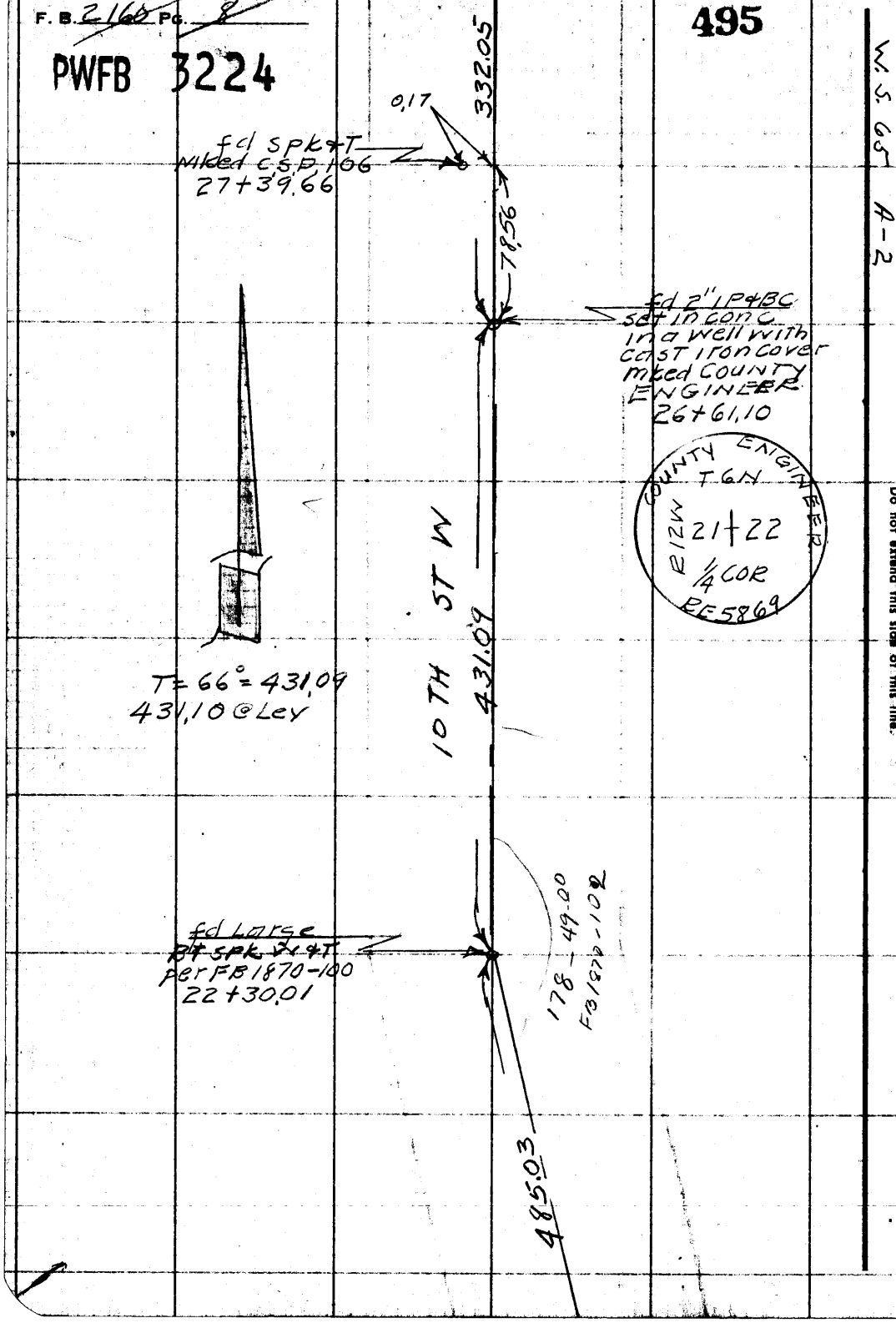
76F3095 S&E #247 1-56

F. B. ~~2160~~ Pg. ~~8~~

PWFB 3224

495



W. S. 65 A-2

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PWEB 3324

223, 224

Notes Ck'd by
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Office Work
Checked
Date

Survey of Yucca Tree ST
JN 043200 Tape 0136 Std 68 °F
Surveyed by R L Willet
Notes 4 Date 11-57
Indexed C. Johnson

F. B. 2160 Pg 9

W.S. 65 4-2

4 AVE

P.

T=66°=1454.09
1454.11@Lev.

1454.09

fd 2" IP+BC set in conc in a well with cast iron cover mkd COUNTY ENGINEER
53+21.18

fd Large BT. SPK W+T
38+67.09

T=66°=873.94
873.95@Lev

W

10TH ST

873.94

COUNTY SURVEYS
T 6 N
R 12 W
16 15
21 22
1928
MONUMENT

Ctr 6' conc Gutter
31+86.10

40°

25±

6°

fd SPK W+T
29+93.15

3320.5

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76F3095 SAE #247 1-56

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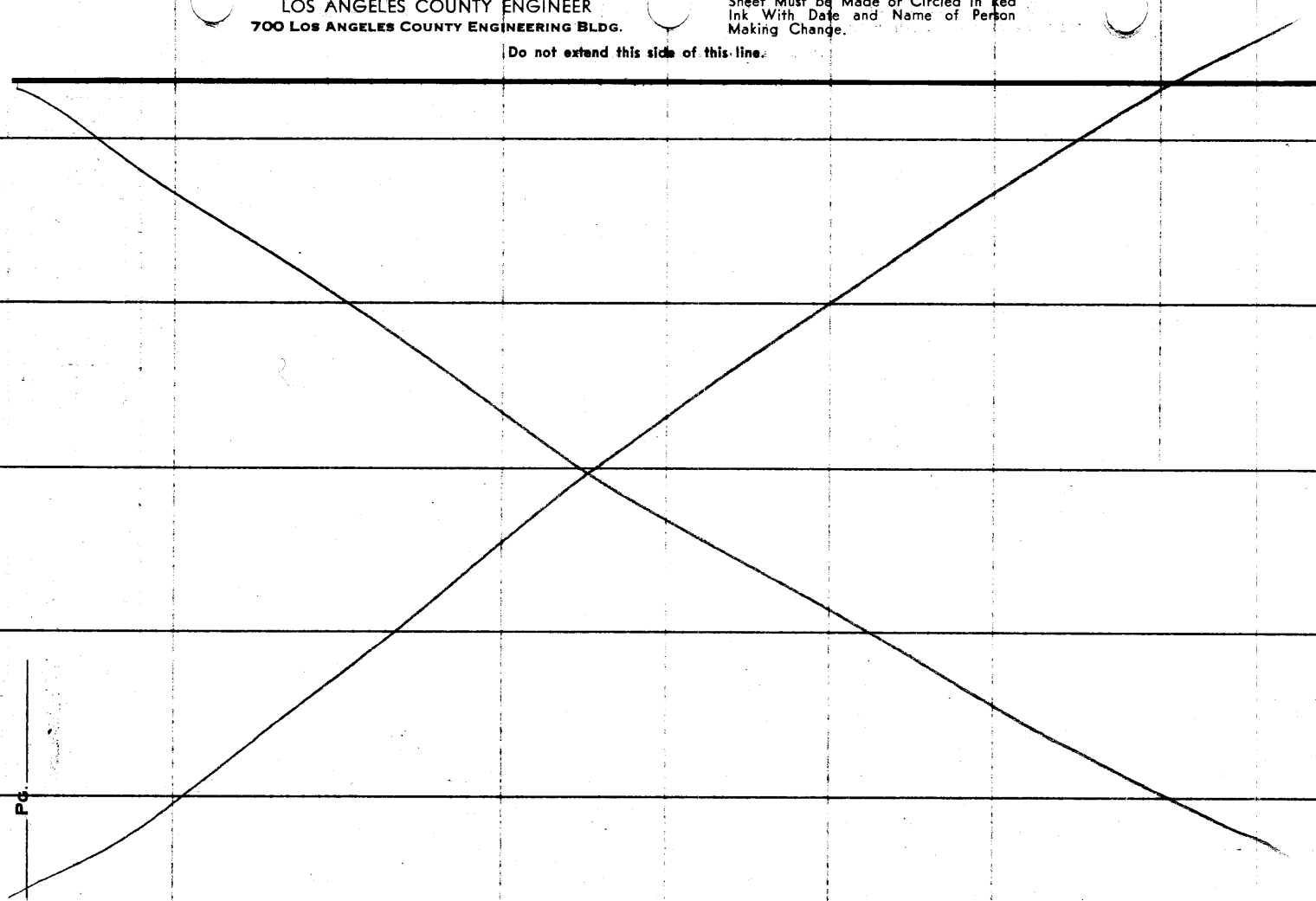

F. B. ____ PG. ____

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 2160 Pg. 11/4

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

Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____

Date ____ Date ____ Map No. ____ Indexed C. John Date

YUCCA TREE RD

0432,00

PROFILE

FROM AVE Q,

TO AVE P.

10-57

R L Willey

D.L. Burkholder

J.P. McCall

R A Swann

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
USBM # L.S. 66	9 41	2692 09		2682.681	USBM LS 66. El = 2682.681 per FB 1834-11 Fd 7" x 7" conc POST. With Bronze Tablet Mked U.S. Geological Survey LS 66 1929 520' ± E + 40' S. of ℄ Int. Ave Q + 10th St W FB 1870-96	
T.P.	6 35	2698 07	0 37	2691 72		
0+00			2 73	95 34	Spk W+T Int. Ave. Q + 10th st. W.	
1+00			5 21	92 86	Pavement ℄	
2+00			6 64	91 43	"	
T.P.	2 11	2693 04	7 14	2690 93	2+3946 Fd SPK & T Mked C.S.D. 131 painted on Pvmt	
3+00			3 70	89 34	Pavement ℄	
3+80.20			4 71	88 33	" Int Ave P-14 + 10th St. W	
4+00			4 82	88 22	"	
5+00			6 13	86 91	"	
6+00			7 20	85 84	"	
6+56 ⊙			8 23	84 81	center of 10' Conc. drain bot. brk.	
7+00 TP	7 37	2693 82	6 59	2686 45	Edge of road, ℄	
8+00			6 14	87 68	Pvmt ℄	
9+00			5 11	88 71	"	
10+00			3 80	90 02	"	
11+00			2 36	91 46	"	
12+00 TP	7 96	2700 51	1 27	2692 55	"	
13+00			6 76	93 75	"	
T.P.	7 63	2701 93	6 21	2694 30		

F. B. 2160 Pg. 12

Job No. 0432.00 Division No. 10 Notes Red. Plotted Profile

Survey of YUCCA TREE St. Date Date No. X-Sec.

Survey by R.L. Willey Notes D.L. BURKHOLDER Notes Chkd. Checked

Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
13+10.6		2701 93	10 68	2691 25	flow line West end 30" culvert	
13+36 ℄			11.26	2690.67	" " E " " "	
14+00			6 69	26 95 24	Pvmt ℄	
15+00			5 31	96 62	"	
15+65.37			4 26	97 67	Int. Yucca Tree st. + 10th st. W Pvmt ℄ Top brk.	
16+00			3 85	98 08	Pvmt ℄	
17+00			3 22	98 71	"	
17+45.32 TP	4 04	2703 03	2 94	26 98 99	Spk W+T ✗ ℄ 10th st. W. Pvmt	
18+06			3 61	99 42	Pvmt ℄ Top brk.	
19+00			4 06	98 97	"	
20+00			4 76	98 27	"	
21+00			6 19	96 84	"	
22+00			7 57	95 46	"	
22+30.42 TP	1 65	2696 78	7 90	26 95 13	Spk. W+T ✗ ℄ 10th st W. Pvmt	
23+00			2 50	94 28	Pvmt ℄	
24+00			3 58	93 20	"	
25+00			4 59	92 19	"	
26+00			5 85	90 93	"	
26+61.59			6 57	90 21	" ¼ Cor.	
27+00			6 95	26 89 83	"	

Profile Notes Rod ____ Plotted ____ Job No. 9432, Division No. 10 F.B. 2460 Pg. 413
No. ____ Date ____ Date ____ Survey of Yucca Tree St.
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index No. ____ C. Johnson

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F. B. 2160 Pg. 19 | Job No. 04320 Division No. 10 Notes Red. Plotted Profile
Survey of Yucca Tree St. Date No. X-Sec.
Survey by A.L. Willey Notes P.L. Burkholder Notes Chkd. Checked
Indexed K.C. Johnson Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		2696 78				
27+3966 T.P.	1 59	2691 03	7 34	2689 44	fd spk & T Mked C.S.P. 106, painted on pvmt.	
28+00			2 17	88 86	Pvmt &	
29+00			3 32	87 71	" Top brk.	
29+93 &			5 04	85 99	Int. Beechdale Dr. + 10th st W.	
30+00			5 16	85 87	Pvmt &	
31+00			7 22	83 81	"	
31+86 &			8 24	82 79	Center of 6' conc. dr. bot brk.	
32+00			8 17	82 86	Pvmt. &	
33+00 TP	5 35	2689 60	6 78	2684 25	"	
34+00			4 15	85 45	" Top brk.	
35+00			4 11	85 49	"	
36+00			3 95	85 65	"	
37+00			4 18	85 42	"	
38+00			4 43	85 17	"	
39+00 T.P.	0 74	2685 53	4 81	2684 79	"	
40+00			1 50	84 03	" Top brk.	
41+00			3 11	82 42	"	
42+00			5 60	79 93	"	
43+00			8 21	77 32	"	
44+00			10 34	2675 19	"	

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		2685 53				
45+00 T.P.	4 79	2678 27	12 05	2673 48	Pvmt. ℄	
45+47 5			5 55	72 72	"	Bot. dr.
46+00			4 60	73 67	"	
46+40 0			3 57	74 70	"	Top brk
47+00			3 65	74 62	"	
48+00			5 22	73 05	"	
49+00			6 74	71 53	"	
50+00			8 19	70 08	"	
51+00			8 82	69 45	"	
52+00			9 32	68 95	"	
53+00			9 68	68 59	"	
53+21.50			9 55	68 72	"	Sec. Cor.
T.P.	9 61	2683 10	4 78	2673 49		
T.P.	6 23	88 36	0 97	82 13		
T.P.	5 05	89 87	3 54	84 82		
T.P.	5 06	89 35	5 58	84 29		
T.P.	7 55	96 58	0 32	89 03		
T.P.	7 78	2702 94	1 42	95 16		
T.P.	2 26	01 28	3 92	2699 02		
T.P.	2 47	2696 81	6 94	2694 34		

Profile Notes Red. ____ Plotted ____ Job No. 0432.00 Division No. 10 F. B. 2160 Pg. 15
No. ____ Date ____ Date ____ Survey of Yucca Tree St.
X-Sec. Notes Chkd. ____ Checked ____ Survey by R. L. Willey Notes C. Johnson Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76298 S & E #307—7-55

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F. B. 2160 Pg. 12 Job No. 2932.00 Division No. 10 Notes Red. Plotted No.
Survey of Yucca Tree St. Date Date
Survey by R. L. Willey Notes D. L. Burkholder Notes Chkd. Checked X-Sec.
Indexed L. C. Johnson Date Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.		
		2696 81				
T.P.	3 51	92 91	7 41	2689 40		
T. P.	6 10	92 57	6 44	86 47		
T. P.	7 69	98 62	1 64	9093		
T. P.	0 92	92 64	6 90	9172		
U.S.B.M. # L.S. 66			9 98	2682 66	U.S.B.M. L.S.66 El = 2682.681 Per FB 1838-11, Fd 7"x7" Conc. Post. With bronze tablet Mkd. U.S. Geological Survey L.S.66 1929 320' ± E + 40' S. of Lint. Ave Q + 10th St. W.	

PWFB 1534 420

Notes Ck'd by	Survey of SAN DIMAS COUNTY ENG. REG. OFFICE F. B. ~~2160~~ PG. ~~16~~ 17
Map No.	JN 0021.50 Tape 0180 Std 68 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes J.S.C. Date 11
Date	Indexed

J.N. 0021.50

SAN DIMAS COUNTY ENGINEER

REGIONAL OFFICE

CENTER-LINE SURVEY

COATES
OCHSNER
GLIDDEN
SMITH

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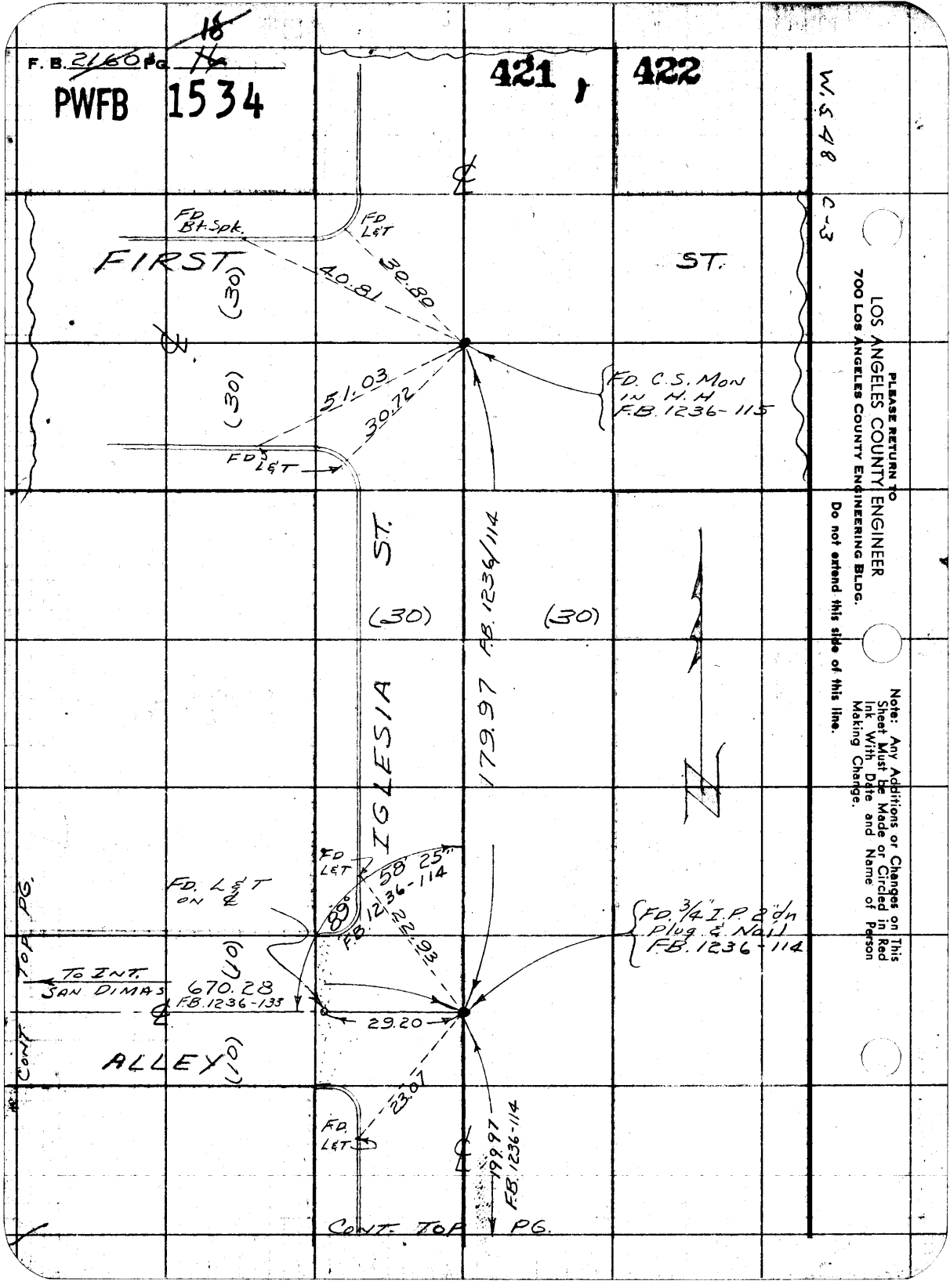
76F309S S&E #247 1-56

F. B. 2160 Pg. 18

PWFB 1534



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PWFB 1534

423

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Map No.	
Office Work	
Checked	
Date	

Survey of SAN DIMAS CO. ENG
JN 0021-50 Tape 01 80 Std 68 °F
Surveyed by J. S. COATES
Notes J.S.C. Date 11-12-57
Indexed C. Johnson

REG. OFFICE
F. B. 2160 PG. 17

C-3

W.S 48

FROM LEFT BOT. PG.

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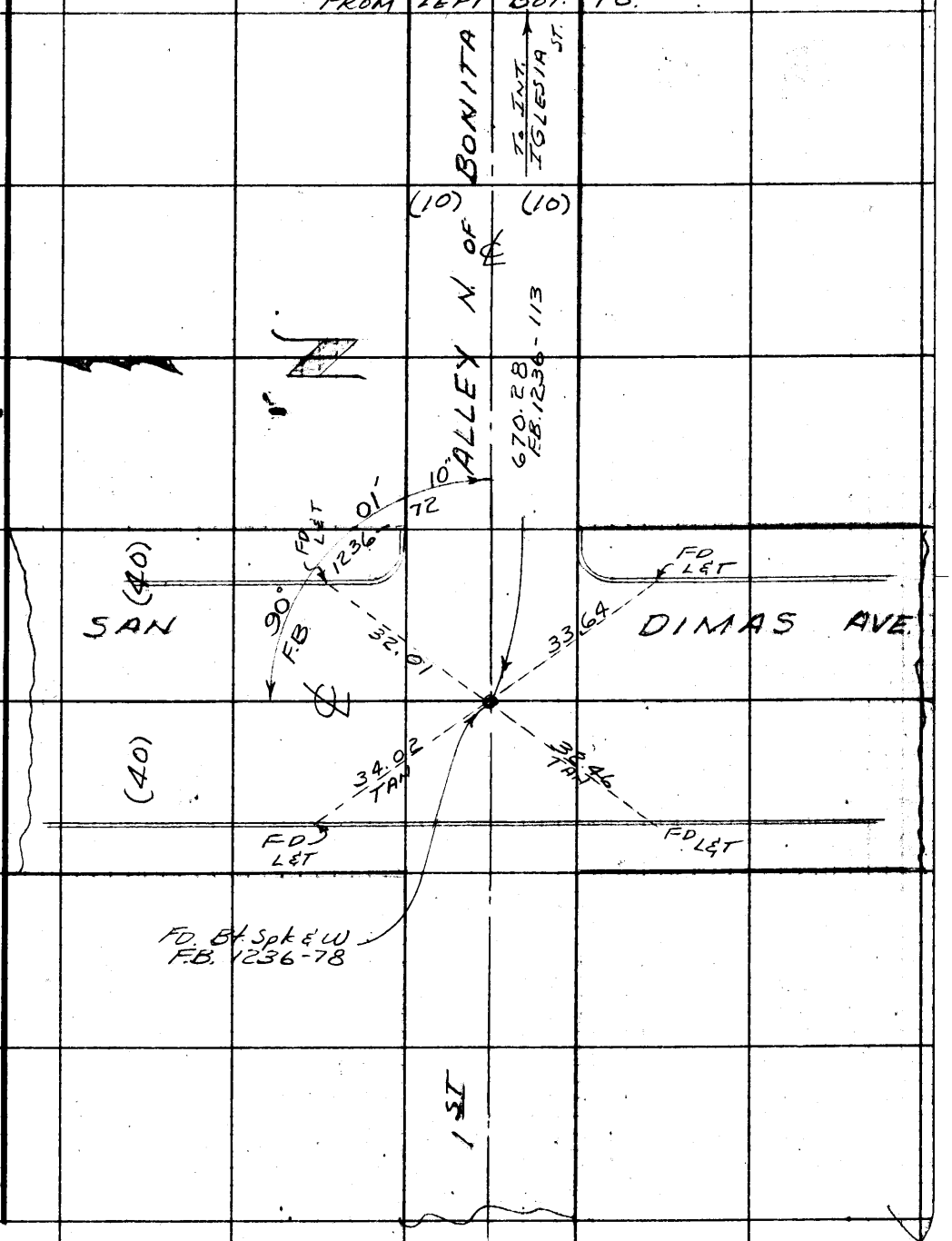
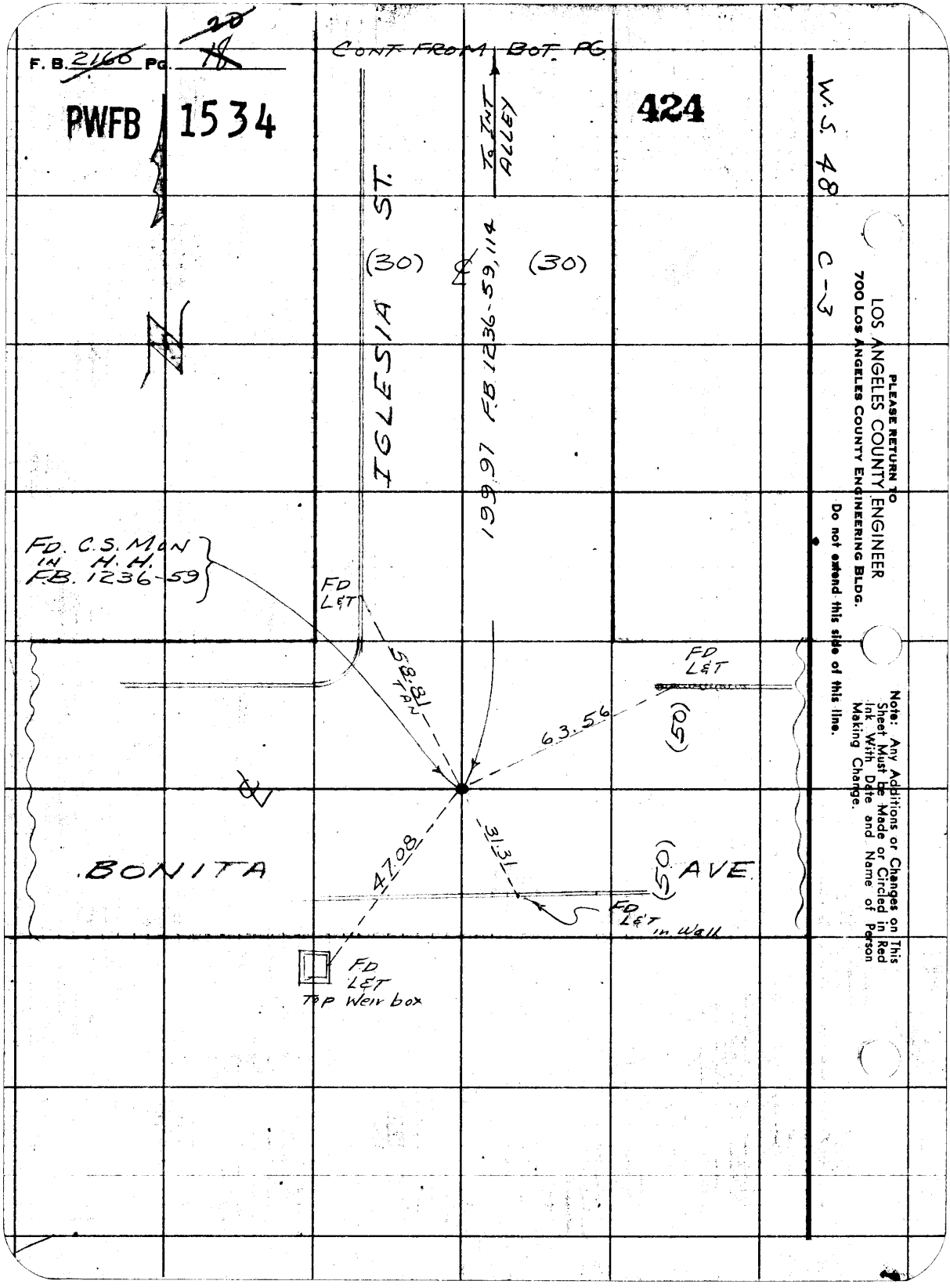


78F3095 SAE #247 1:36

F. B. 2166 Pg. 20 16

PWFB 1534



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

Survey of	SAN DIMAS CO. ENGINEER REGIONAL OFFICE
JN	0021.50
Tape	Std °F
Surveyed by	V. S. COATES
Notes	J.B. Date 11-12-57
Indexed	C. JOHNSON

F. B. 2160 PG. 21 14

J.N. 0021.50

SAN DIMAS COUNTY ENGINEER REGIONAL OFFICE

TOPOGRAPHY ON INT. ALLEY & IGLESIA ST.

COATES
OCHSNER
GLIDDEN
SMITH

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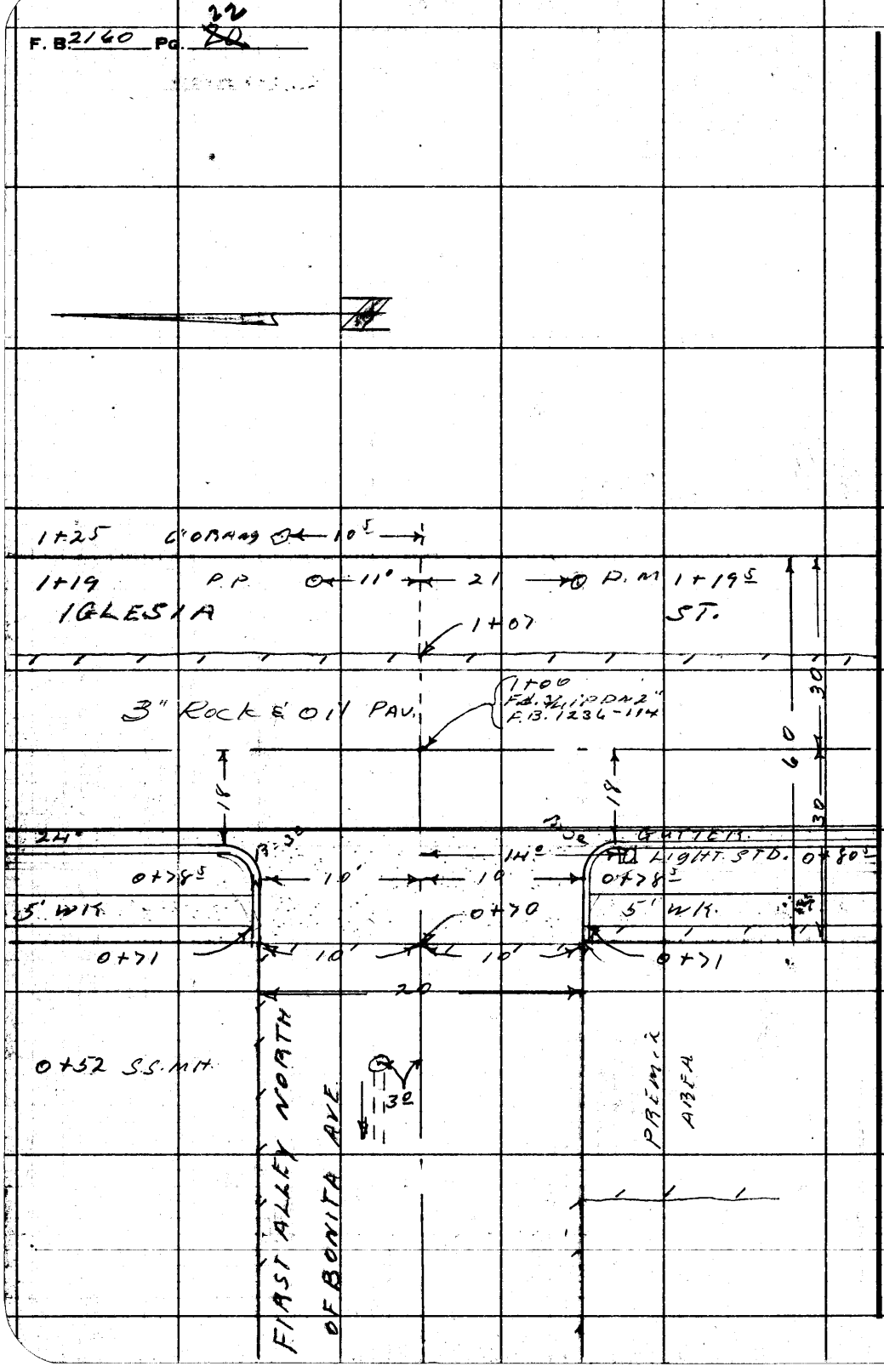
76F3095 S&E #247 1-56

F. B. 2160 Pg. 22 80



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Profile No. | Notes Red. | Date | Plotted | Date | Job No. 0021.50 | Division No. | F. B. 2160 | Pg. 22

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of San Dimas Co. Eng. Reg. office | Survey by J.S. COATES | Notes JSC | Date 11-12-57 | Map No. | Indexed X C. Johnson | Date

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STATION	B. S.	H. I.	F. S.	ELEV.	
					J.N. 0021.50 SAN DIMAS COUNTY ENGINEER REGIONAL OFFICE CROSS-SECTION ON
					1ST ALLEY No. BONITA AVE. @ INTERSECTION OF IGLESIA ST. AND INT. OF BONITA ST. & IGLESIA ST COATES OCHSNER GLIDDEN SMITH

761.298 S & E #307 9-54

76L298 S & E #307 9-54

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F. B. 2160 Pg. 22 Job No. 0021.50 Division No. Notes Red. Plotted
Survey of San Dimas Co. Eng. Reg. office Date Date No.
Survey by J.S. COATES Notes J.S.C. Notes Chkd. Checked X-Sec.
Indexed A.C. Johnson Date Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.	
BM RD#28				963.65	BM RD#28 Elev. 963.646 FB 1236-19 Iglesia ST. (W. Side) 86'± N. of ℄ of Bonita Ave L ℄ N. in curb.
0+52				964.22	W. rim M.H. 3'
"				964.24	E " " "
"	8" outlet W.			956.84	
"	8" inlet Stub E.			956.95	
0+70				964.57	℄
"				964.85	10' W. end C.R.S.W.Cor
"				965.02	W. end C.R.N.W.Cor 10'
0+82				964.07	℄ = flow Line
"				964.01	90° S. end C.R.S.W.Cor
"				964.69	cb " " "
"				964.12	90° N. end C.R.N.W.Cor.
"				964.81	cb. " "
0+90				964.9	℄
"				964.9	10'
"				965.0	10'
1+00				965.0	℄
"				965.0	10'

ALLEY

W.		E.	
6.71	964.22	6.62	964.24
0.67	7.38	0.67	7.29
7.38	956.84	7.29	956.95

LT RT

76L298 S & E #307 9-54

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Profile Notes Red____ Plotted____ Job No. 0021.50 Division No.____
No.____ Date____ Date____ Survey of San Dimas Co. Eng. Reg. Office
X-Sec. Notes Chkd.____ Checked____ Survey by J.S. Cortez Notes J.S.C. Date 11-12-57
No.____ Date____ Date____ Map No.____ Inked C. Johnson Date____

F.B. 2160 Pg. 25

STATION	B. S.	H. I.	F. S.	ELEV.		ALLEY
					LT ℄ RT	
1+00				9651	10'	
1+07				9648		℄ prod E. edge pav.
"				9647		10' " "
"				9649	10'	
1+14				9636		℄ = flow line
"				9636		10'
"				9638	10'	
1+16				9655		℄
"				9655		10'
"				9663	10'	
1+30				9662		℄
"				9658		10'
"				9660	10'	
℄ INT. Bonita Ave. & Iglesia St.				9635		℄ INT.
"				9640		30' East
"				9631	West 30	
				9633		E. end pav. return N.E. Cor
				96212	W. end C.R. N.W. Cor	
				96225	3' S. of N. end N.W. Cor.	
				96304	N. end C.R. N.W. Cor.	

F. B. 2160 Pg. ~~24~~ 26 | 0021.50

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

Survey of SAN DIMAS CO. ENG. REG. OFFICE Date _____ Date _____ No. _____

Survey by JSC Notes J.S.C. Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM LV 25				963.38	B.M. LV. 25 ELEV.= 963.383 F.B. 1236-19 1 GLASSIA ST. (W. SIDE), 6' ± N. of ℄ of BONITA AV. L+N IN CL. 17 B.	

PWFB 0723

2081

Notes Ck'd by	Survey of PARAMOUNT PARK
Map No.	JN 8841.11 Tape 0170 Std 68 °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L Date 10-22-57
Date	Indexed C. Johnson

F. B. 2160 PG. 27 25

J.N. 8841.11

PARAMOUNT PARK

SURVEY FOR SANITARY SEWER

LANIGAN
RJHE
VASU

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700 Los Angeles County Engineering Bldg.

76F3095 S&E #247 1-56

F. B. 2160 Pg. 36

PWFB 0723

2082, 2083

W.S. 32 C-3840-3

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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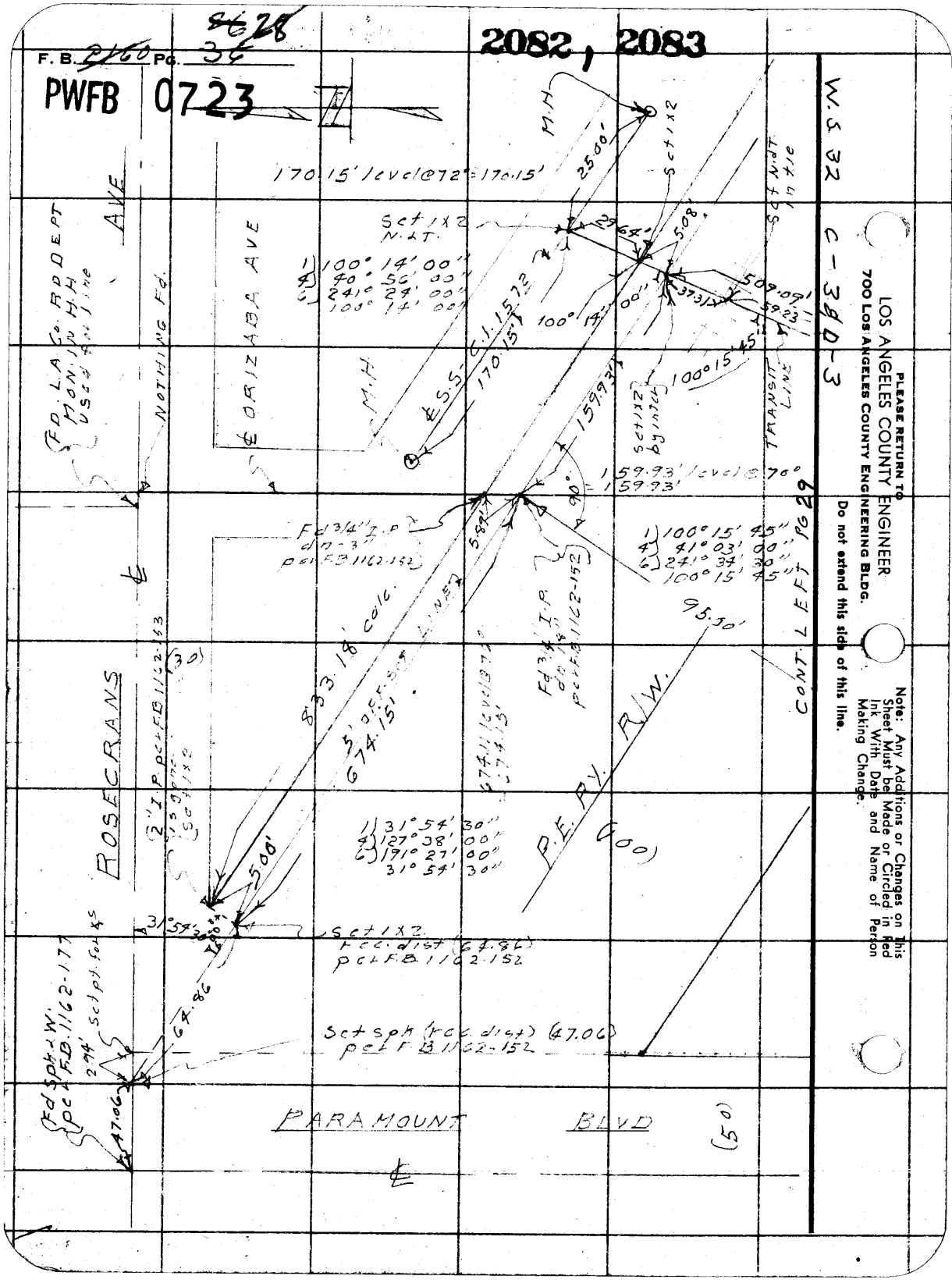
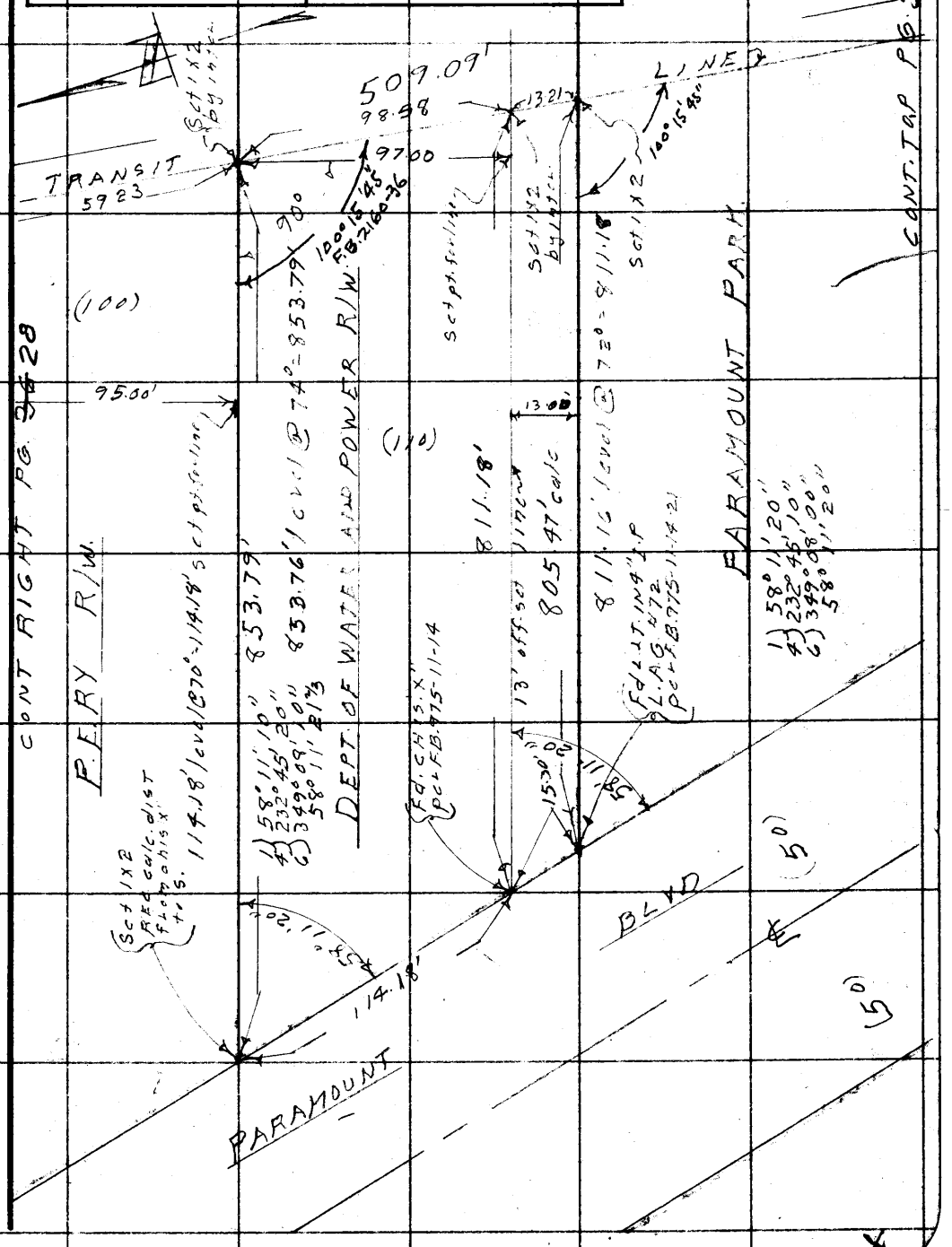


PWFB 0723 2084, 2085 ~~21~~

Notes Ck'd by	Survey of PARAMOUNT PARK
Map No.	JN 8841.11 Tape 0170 Std 68°F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 10-23-57
Date	Indexed C. Johnson

F. B. 2160 PG. ~~21~~



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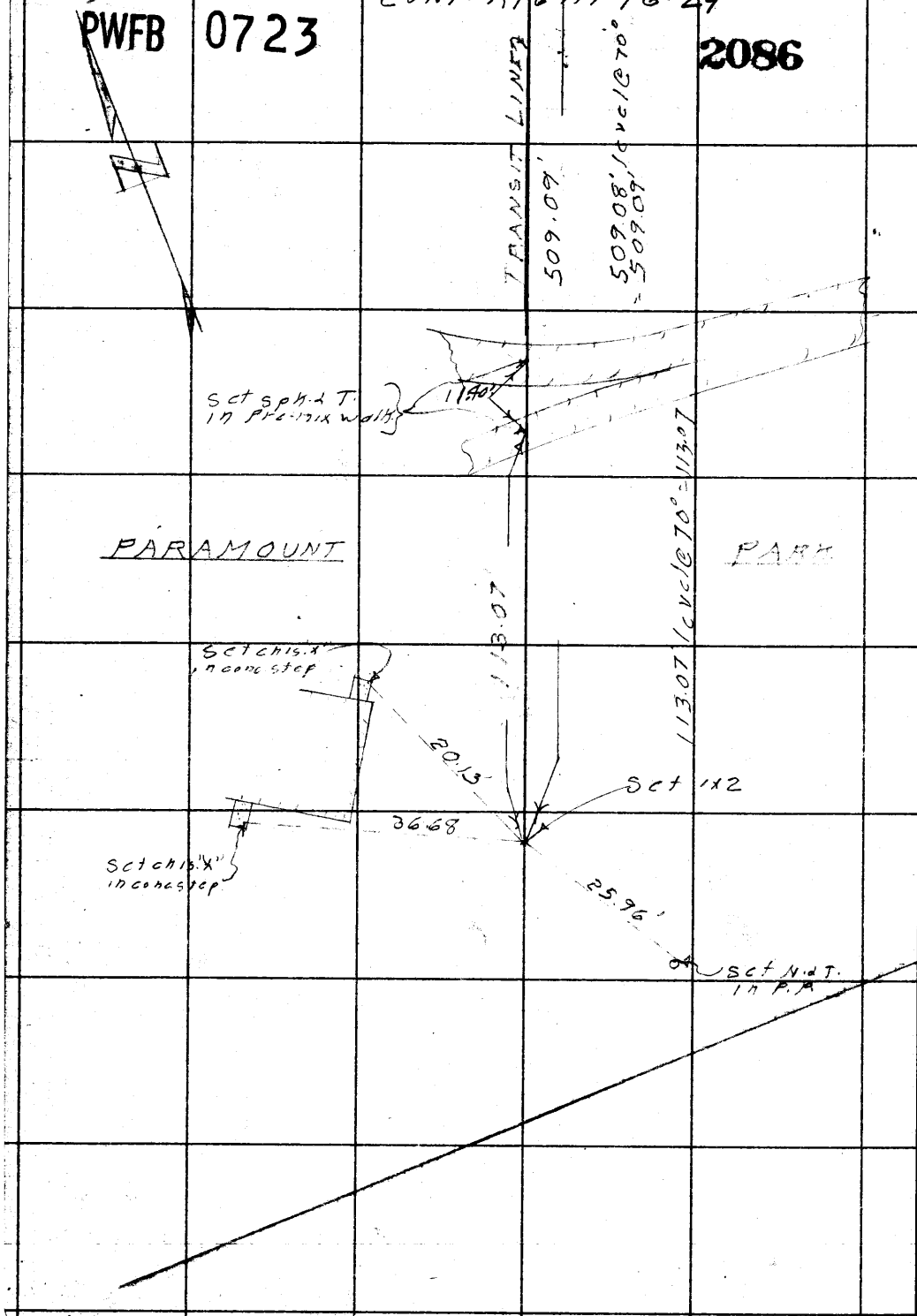
76F309S S&E #247 1-56

F. B. 2160 Pg. 08

PWFB 0723

CONT. RIGHT PG. 29

2086



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Notes Ck'd by	Survey of PARAMOUNT P/K.
Map No.	JN 8841.11 Tape Std °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 10-14-57
Date	Indexed C. Johnson

F. B. 2160 PG. 57

J.N. 8841.11

PARAMOUNT PARK

LOCATION OF IMPROVEMENTS

FOR

SANITARY SEWER.

LANIGAN
RITE
YASUI
ALWIN

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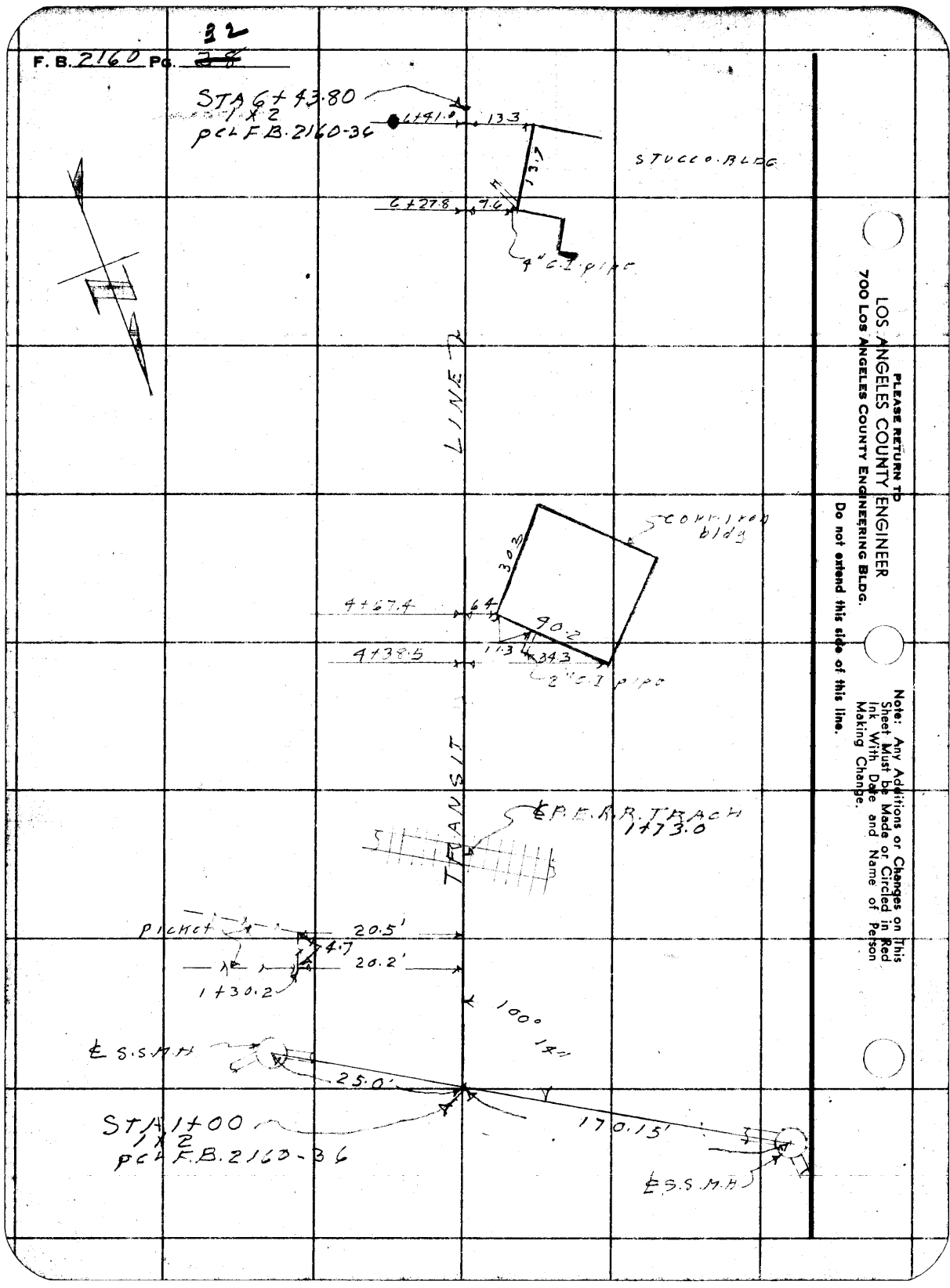
76F3095 S&E #247 1-56

F. B. 2160 Pg. 32



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Profile No. | Notes Red. | Date | Plotted | Date | Job No. 8841.11 | Division No. 10 | F. B. 2160 Pg. 39

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of PARAMOUNT PARK | Survey by LANIGAN | Notes PIKE | Date 10-11-57 | Map No. | Indexed C. Johnson

J.N 8841.11

PARAMOUNT PARK

LEVELS FOR SANITARY SEWER

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

LANIGAN.
RIKE
YASUI
ALLEN

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

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8" 6.14 IN. E'LY. 6.24 OUT N'LY 8"

Do not extend notes this side of this line.

6.43 IN. ELY. 2.57 8" OUT. W'LY.

F. B. 2160 Pg. 40 4Y
Job No. 8841.11 Division No. 10 Notes Red. Plotted
Survey of PARAMOUNT PARK Date No.
Survey by LANIGAN Notes PIKE Date Notes Chkd. Checked X-Sec.
Indexed K.C. Johnson Date Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT	LINE
					ELV = 76.09 F.B. 975 - 19 PARAMOUNT BLVD. &	
B.M. #2				76 09	B.M. #2 ROSECRANS - 2nd - TOWER EAST, CHIS. 3 NOTCHES ON N'LY. S.W. COR. OF TOWER #91, CHIS. - B.M. #2 ABOVE ON ANGLE IRON.	
T. P.				78 04	T. P.	
					LEFT T.	L. RIGHT.
					S.S.M.H. 8" INLET E'LY. RIM	76.99
					DEPTH	6.43
						70.56
					DIAM.	0.67
8" INLET - E'LY.	E'Ly M.H.			69 89	ELV.	69.89
					S.S.M.H. 8" OUTLET W'LY. RIM	76.99
					DEPTH	6.57
						70.42
					DIAM.	0.67
8" OUTLET - W'LY.	E'Ly M.H.			69 75	ELV.	69.75
					S.S.M.H. 8" INLET E'LY. RIM	75.96
					DEPTH	6.14
						69.82
					DIAM.	0.67
8" INLET - E'LY.	W'Ly M.H.			69 15	ELV.	69.15
					S.S.M.H. 8" OUTLET N'LY. RIM	75.94
					DEPTH	6.24
						69.70
					DIAM.	0.67
8" OUTLET - N'LY.	W'Ly M.H.			69 03	ELV.	69.03
1 + 00				769	T.	L.
" "				768		20'
" "				769	20'	
1 + 27				766	T.	L.

76L298 S & E #307 9-54

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Profile Notes Rod____ Plotted____ Job No. 8841.1 Division No. 10
No.____ Date____ Date____ Survey of PARAMOUNT PARK
X-Sec. Notes Chkd.____ Checked____ Survey by LANIGAN Notes KIKE Date 10-11-57
No.____ Date____ Date____ Map No.____ Index C. Johnson

F.B. 2160 Pg. 53

STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT	LINE (CONT.)
					LT.	RT.
					T. L.	
1+27				767		20'
" "				772	20'	
1+36				772		T. L.
" "				769		20'
" "				767	20'	
1+48				762		T. L. BOT. OF EMBANKMENT
" "				762		20'
" "				762	20'	
1+73				790		T. L. TOP R.R. TRACKS
2+00				776		T. L.
" "				775		20'
" "				776	20'	
2+17				76[illegible]		T. L. BOT. OF EMBANKMENT
" "				769		20'
" "				762	20'	
2+31				778		T. L.
" "				778		20'
" "				778	20'	
2+40				773		T. L.
" "				771		20'

76L298 S & E #307 9-54

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F. B. 2160 Pg. 42 | Job No. 8841.11 Division No. 10 Notes Red. Plotted Profile
Survey of PARAMOUNT PARK Date Date No.
Survey by LANIGAN - Notes. RIKE Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT LT.	TRANSIT RT.	LINE (CONT.)
						T.	L.
2+40				77.3	20'		
3+00				77.1		T.	L.
" "				77.0			20'
" "				77.1	20'		
4+00				76.6		T.	L.
" "				76.6			20' PREMIX PAVT.
" "				76.8	20'		
4+59.4				76.3			14.2 GR. OVER 2" C.I.P.
" "				75.6			14.2 TOP OF 2" C.I.P.
T.P.				76.67	T.P.		
5+00				76.3		T.	L.
" "				76.3			20'
" "				76.5	20'		
6+00				76.5		T.	L.
" "				76.4			20'
" "				76.6	20'		
6+27.8				76.4			9.6' GR. OVER 4" C.I.P.
" "				74.9			9.6' TOP OF 4" C.I.P.
6+43.81				76.0		T.	L.
" "				76.4			20'

76L298 S & E #307 9-54

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STATION	S. S.	H. I.	F. S.	ELEV.	TRANSIT LINE (CONT.) LT.	RT.
					T. L.	
6+43.81				76 1	20'	
T. P.				76 10	T. P.	
B.M. #3				76 08	B.M. #3 ELV.: 76.09 F.B. 975-19 PARAMOUNT BLVD. + ROSECRANS - 1st TRANS. TOWER-EAST, CHIS. 2 NOTCHES ON NUT - S.E. COR. OF TOWER #92 CHIS. B.M. #3 ABOVE ON ANGLE IRON	

Profile Notes Red. ____ Plotted ____ Job No. 8841.11 Division No. 10 F. B. 2160 Pg. 23
No. ____ Date ____ Date ____ Survey of PARAMOUNT PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by LANIGAN Notes RIKE Date 10-11-57
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

F. B. 2160 Pg. 44 38 Job No. 8841.11 Division No. 10 Notes Red. Plotted Profile

Survey of PARAMOUNT PARK Date Date No.

Survey by LANIGAN Notes RIKE Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.

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

76L298 S & E #307 9-54

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726 Los Angeles County Engineering Bldg.

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NOTES RED. _____ JOB NO. 0860.06 SURVEY OF Woodruff Ave.

DATE _____ SURVEY BY English

NOTES CHKD. _____ NOTES BY Ed. DATE 1-15-58

DATE _____ INDEXED K. G. Johnson DATE 1-27-58

F. B. 2160 PG. 45

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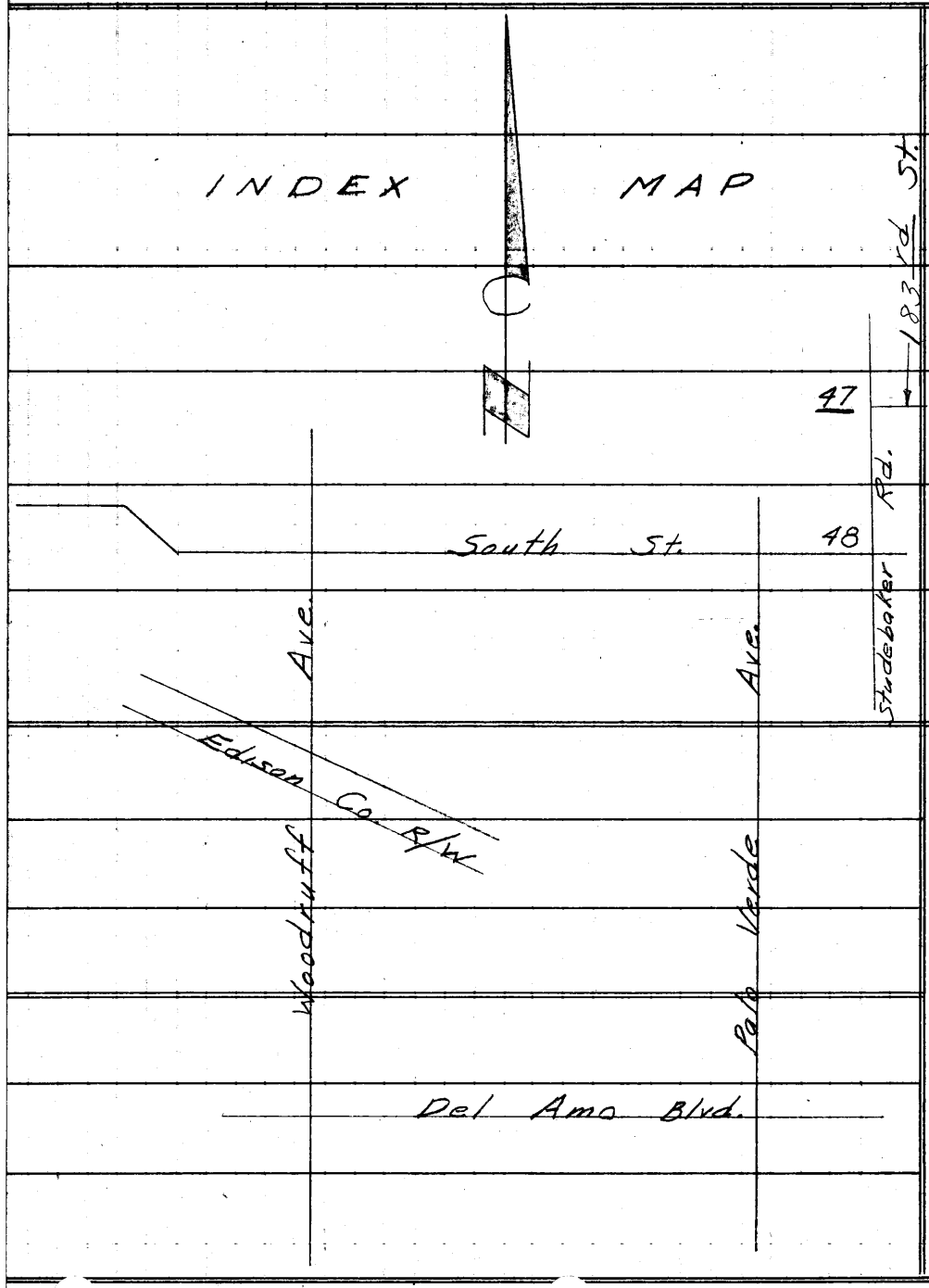
DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
WOODRUFF AVE.						
J.N. 0860.06						
BENCH LEVELS						
		Jan. 15, 1958				
		English				
		Landa				
		Garrison				
		Tolle				

768420 353 5489

F. B. 2160 PG. 46

JOB NO. 0860.06 SURVEY OF Woodruff Ave. NOTES RED.
SURVEY BY English DATE
NOTES BY Ed. DATE 1-15-58 NOTES CHKD.
INDEXED [redacted] DATE DATE



B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION

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723 LOS ANGELES COUNTY ENGINEERING BLDG.

769420 353 8-49

768420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd. B.M. 9-7	55.793				55.793	B.M. 9-7 Elev = 55.793 F.B. 1375-11
	4.255		4.664			Near Studebaker Rd. &
	60.048	-0.154	0.154			183rd St. 100' N. of the ℄ of
	4.409		4.818			Studebaker Rd. in a well cut
T.P	55.639					through the pavement &
	3.808		4.182			protected by a cast Iron Cover
	59.447	-0.654	-0.656			marked "Co. Sur. Mon." A
	4.462		4.838			Std. County Surveyor Mon.
T.P	54.985					Stamped "B.M. 9-7 1951
	4.268		4.604			R.E. 63" Set in Conc. 10"
	59.253	+0.025	+0.022			below the Surface.
	4.243		4.582			
T.P.	55.010					
	3.852		4.287			
	58.862	-0.334	0.339			
	4.186		4.626			
T.P.	54.676					
	4.236		4.010			
	58.912	-0.559	- 557			
	4.795		4.567			
T.P.	54.117					
	4.053		4.414			
	58.170	- 0.406	-0.405			
	4.459		4.819			
T.P.	53.711					
	4.477		4.821			
	58.188	+0.118	0.114			
	4.359		4.707			
T.P.	53.829					

NOTES RED. _____ JOB NO. 0860.06 SURVEY OF Woodruff Ave
DATE _____ SURVEY BY E. English
NOTES CHKD. _____ NOTES BY E. Landa DATE 1-16-58
DATE _____ INDEXED C. Johnson DATE _____

F.B. 2160 PG. 47

76S420 353 8-49

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Con't	frm Pg. 47					
T.P.	53.829					
	3.845		4.082			
	57.674	-0.765	- 767			
	4.605		4.849			
T.P.	53.069					
	4.779		5.028			
	57.848	-0.262	-0.257			
	5.041		5.285			
T.P	52.807					
	4.315		4.631			
	57.122	-0544	-0.549			
	4.859		5.180			
T.P.	52.263					
	4.022		3.872			
	56.285	-2.154	2.150			
	6.176		6.022			+0.198
T.P.	50.109					
	5.273		5.562			
	55.382	-0.133	-0.132			
(fd.)	5.406		5694		50.174	B.M. 9-8, elev. = 50.174, F.B. 1375-12
B.M. 9-8	49.976					100' W. of ℄ of Studebaker Rd.
	6.049		6.298			& 16' N. of ℄ South St.
	56.025	+2.553	+2.558		+2.5555	a std. Co. Surveyor Mon. stamped
	3.496		3.740			"B.M. 9-8 1951 R.E. 63",
T.P.	52.529					protected by a cast iron
	6.072		5.859			cover marked, "Co. Surveyor
	58 601	+3.376	+3.378		+3.3770	Mon."
	2.696		2.481			
T.P.	55.905					

NOTES RED. ____ DATE ____
NOTES CHKD. ____ DATE ____
JOB NO. 0860.06 SURVEY OF Woodruff Ave
SURVEY BY E. English
NOTES BY E. Landa DATE 1-16-58
INDEXED [illegible] DATE ____
F.B. 2160 PG. 48

768420 353 8-49

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Con't frm. Pg. 48						
T.P	55.905					
	6.105		5.952			
	62010	+3.106	+3.105		+3.1055	
	2.999		2.847			
T.P.	59.011					
	5.889		5.870			
	64.900	+5.237	+5236		+5.2365	
	0.652		0.634			
T.P.	64.248					
	6.024		6.217			
	70272	+4.752	+4.754		+4.7530	
	1.272		1.463			
T.P.	69.000					
	6.049		6.187			
	75.049	+2.208	+2.208		+2.2080	
	3.841		3.979			
T.P.	71.208					
	4.329		4.294			
	75.537	-1.262	-1.257		-1.2595	
	5.591		5.551			
T.P.	69.946					
	3.555		3.741			
	73.501	-2.096	-2.096		-2.0960	
	5.651		5.837			
T.P.	67.850					
	2.697		2.885			
	70.547	-3.176	-3.174		-3.1750	
	5.873		6.059			
T.P.	64.674					

NOTES RED. _____ JOB NO. 0860.06 SURVEY OF Woodruff Ave
DATE _____ SURVEY BY E. English
NOTES CHKD. _____ NOTES BY E. Lance DATE 1-16-58
DATE _____ INDEXED K. G. Johnson DATE _____

F. B 2160 PG. 49

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 2860.06 SURVEY OF Woodruff Ave.
SURVEY BY E. English
NOTES BY E. Londo DATE 1-16-58
INDEXED [redacted] DATE
F.B. 2160 PG. 50

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Con't from Pg 49						
T.P.	60.670					
	1.781		1.541			
	66.455	-4.295	-4.294		-4.2945	
	6.076		5.835			
T.P.	60.379					
	2.050		1.552			
	62.429	-4.007	-4.007		-4.0070	
	6.057		5.559			
T.P.	56.372					
	2.207		1.807			
	58.579	-3.915	-3.913		-3.9140	
	6.122		5.720			
T.P.	52.457					
	3.571		3.900			
	56.028	-1.082	-1.083		-1.0825	
	4.653		4.983			
T.P.	51.375					
	5.058		5.229			
	56.433	-0.163	-0.162		-0.1625	
	5.221		5.391			
T.P.	51.212					
	4.615		4.747			
	55.827	-0.548	-0.551		-0.5495	
	5.163		5.298			
T.P.	50.664					
	5.212		5.049			
	55.876	+0.496	+0.501		+0.4985	
	4.716		4.550			
T.P.	51.160				51.3675	

769420 353 8-49

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NOTES RED. JOB NO. 0860.06 SURVEY OF Woodruff Inc
DATE SURVEY BY E. English
NOTES CHKD. NOTES BY E. Lewis DATE 1-21-58
DATE INDEXED DATE

F.B. 2160 PG. 51

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Cont	Frm. Pg	50				
T.P.	51.160					
	5.165		5.347			
	56.305	+0.502	+0.503		+0.5025	
	4.643		4.844			
T.P.	51.662					
	5.006		4.833			
	56.668	+0.479	+0.480		+0.4795	
	4.527		4.353			
T.P.	52.141					
	5.135		5.363			
	57.276	+0.835	+0.838		+0.8365	
	4.300		4.525			
T.P.	52.976					
	5.294		5.130			
	58.270	-0.645	-0.647		-0.6460	
	5.939		5.777			
T.P.	52.331					
	4.950		4.781			
	57.281	+0.367	+0.363		+0.3650	
	4.583		4.418			
T.P.	52.698					
	4.922		5.169			
	57.620	-0.385	-0.385		-0.3850	
	5.307		5.554			
T.P.	52.313					
	5.004		5.174			
	57.317	+0.328	+0.332		+0.3300	
	4.676		4.842			
T.P.	52.641				52.8500	

76S420 353 8-49

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JOB NO. 0860.06 SURVEY OF Woodruff Ave.
SURVEY BY E. English
NOTES BY E. Lozano DATE 1-21-58
INDEXED L. O. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 2160 Pg. 52

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Cont	frm. Pg. 51					
T.P.	52.641					
	5.115		5.310			
	57.756	+0.594	+0.598		+0.5960	
	4.521		4.712			
T. P.	53.235					
	5.601		5.601			
	58.836	+2.696	+2.695		+2.6955	-.0350
	2.905		2.706		56.107	L-1
(set) B.M. L-1	55.931				~~56.1415~~	So. side of South St. @ 390' E. of ℄ of Woodruff Ave. Bt. Spk. in N.W. cor. of Conc. base, of Parking Area Light
	3.019		2.819			-.0364
	58.950	-2.967	-2.969		-2.9680	L-2 South St. & Woodruff
	5.986		5.788		53.137	Ave. S.E. Cor. Bt. Spk in
(set) B.M. L-2	52.964				~~53.1795~~	Curb 50' S. of S. end C.R.
	4.369		4.193			
	57.333	-0.280	-0.279		-0.2795	
	4.649		4.472			
T. P.	52.684					
	4.198		3.987			
	56.882	-0.503	-0.505		-0.5040	
	4.701		4.492		52.851	-.0392
(set) B.M. L-3	52.181				~~52.3900~~	L-3 E. side of Woodruff Ave
	4.276		4.121			@ 675 ft. S. of ℄ of South
	56.457	-0.832	-0.827		-0.8295	St. Bt. Spk. in E. Curb
	5.108		4.948			
T. P.	51.349					
	4.668		4.851			
	56.017	-0.311	-0.311		-0.3110	
	4.979		5.162			
T. P.	51.038				51.2495	

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NOTES RED. _____ JOB NO. 0860.04 SURVEY OF Woodcliff Rd
DATE _____ SURVEY BY E. English
NOTES CHKD. _____ NOTES BY E. English DATE 1-21-58
DATE _____ INDEXED K. C. Johnson DATE _____

F.B. 2160 PG. 53

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Con't	frm. Pg. 52					
T.P.	51.038					
	4.662		4.893			
	55.700	+0.271	+0.273		+0.2720	
	4.391		4.620			
T.P.	51.309					
	5.441		5.395			
	56.750	-0.101	-0.103		-0.1020	
	5.542		5.498			
T.P.	51.208					
	4.908		4.751	4.749		
	56.116	-0.460	-0.453	-0.457	-0.4550	
	5.368		5.204	5.206		
T.P.	50.748					
	4.800		4.595			
	55.548	-0.469	-0.464		-0.4675	
	5.269		5.061			
T.P.	50.279					
	4.620		4.905			
	54.899	-0.509	-0.512		-0.5105	
	5.129		5.417			
T.P.	49.770					
	4.198		3.831			
	53.968	-1.537	-1.538		-1.5375	
	5.735		5.369			
T.P.	48.233					
	4.448		4.696			
	52.681	-0.472	-0.475		-0.4735	
	4.920		5.171			
T.P.	47.761				47.9755	

765420 353 8-49

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JOB NO. 0860.06 SURVEY OF Woodruff Ave
SURVEY BY E. English DATE 1-21-58
NOTES BY E. Landa DATE
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2160 PG. 54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Cont	frm Pg. 53					
T.P.	47.761					
	4.821		4.654			
	52.582	-0.239	-0.243		-0.2410	
	5.060		4.897			
T.P.	47.522					
	6.140		5.873			
	53.662	-0.038	-0.035		-0.0365	
	6.178		5.908			
T.P.	47.484					
	3.651		3.819			
	51.135	-1.124	-1.126		-1.1250	
	4.775		4.945			
T.P.	46.360					
	5.028		5.193			
	51.388	+0.316	+0.315		+0.3155	
	4.712		4.878			
T.P.	46.676					
	5.245		5.409			
	51.921	+0.676	+0.671		+0.6735	
	4.569		4.738			
T.P.	47.352					
	5.756		5.602			
	53.108	+0.286	+0.284		+0.2850	
	5.470		5.318			
T.P.	47.638					
	4.972		5.289			
	52.610	+0.351	+0.349		+0.3500	
	4.621		4.900			
T.P.	47.989				48.1970	

765420 353 8-49

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NOTES RED. JOB NO. 0860.06 SURVEY OF Woodruff Ave.
DATE SURVEY BY E. Engels
NOTES CHKD. NOTES BY E. Engels DATE 1-21-58
DATE INDEXED E. C. Johnson DATE

F.B. 8160 PG. 55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Con't	Frm. Pg. 54					
T.P.	47.989					
	4.384		4.582			
	52.373	-0.528	-0.528		-0.5280	
	4.912		5.110			
T.P.	47.461					
	4.647		4.810			
	52.108	-0.612	-0.610		-0.6115	
	5.259		5.420			
T.P.	46.849					
	4.951		5.109			
	51.800	-0.207	-0.205		-0.2060	
	5.158		5.314			
T.P.	46.642					
	4.729		4.912			
	51.371	-0.453	-0.456		-0.4545	
	5.182		5.368			
T.P.	46.189					
	4.754		4.853	4.679		
	50.943	-0.348	-0.354	-0.351	-0.3495	
	5.102		5.207	5.030		
T.P.	45.841					
	4.731		4.912			
	50.572	-0.321	-0.317		-0.3190	
	5.052		5.229			
T.P.	45.520					
	4.603		4.403			
	50.123	-0.465	-0.461		-0.4630	
	5.068		4.864			
T.P.	45.055				452655	

765420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0860.06 SURVEY OF Woodruff Ave
SURVEY BY E. English
NOTES BY E. Londa DATE 1-21-58
INDEXED K. O. Johansen DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2160 PG. 56

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Cont'd from Pg. 55						
T.P.	45.055					+.0148
	4.825		9.620			
	49.880	- 1.220	-1.219		-1.2195	
(Fd.)	6.065		5.839			B.M. 9-10
B.M. 9-10	43.835				44.0460	Near Palo Verde Ave. & Del Amo Blvd., 85 ft. S. of the ℄ of Del Amo Blvd. & 23.2 ft. W. of the ℄ of Palo Verde Ave., in a well cut through the Pavement & protected by a cast iron cover marked, "County Surveyor Monument." A Std. County Surveyor Monument Stamped, "B.M. 9-10 1951 R.E. 63" Set in Conc. 10" below the surface. F.B. 1375-14 Elev. = 43.983
	44.0460 Field					
	- 43.983 record					
	- .0630 corrn = -.0014/turn					
	45					

PWR 0625

778

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

Survey of Woodruff Ave.
JN 0860.06 Tape 0138 Std 68 °F
Surveyed by English
Notes Ed. Date 1-58
Indexed E. C. Johnson 1-27-58

F. B. 2160 Pg. 65

WOODRUFF AVE.

J.N. 0860.06

CENTERLINE SURVEY

Jan. 15, 1958
English
Landa
Garrison
Tolle

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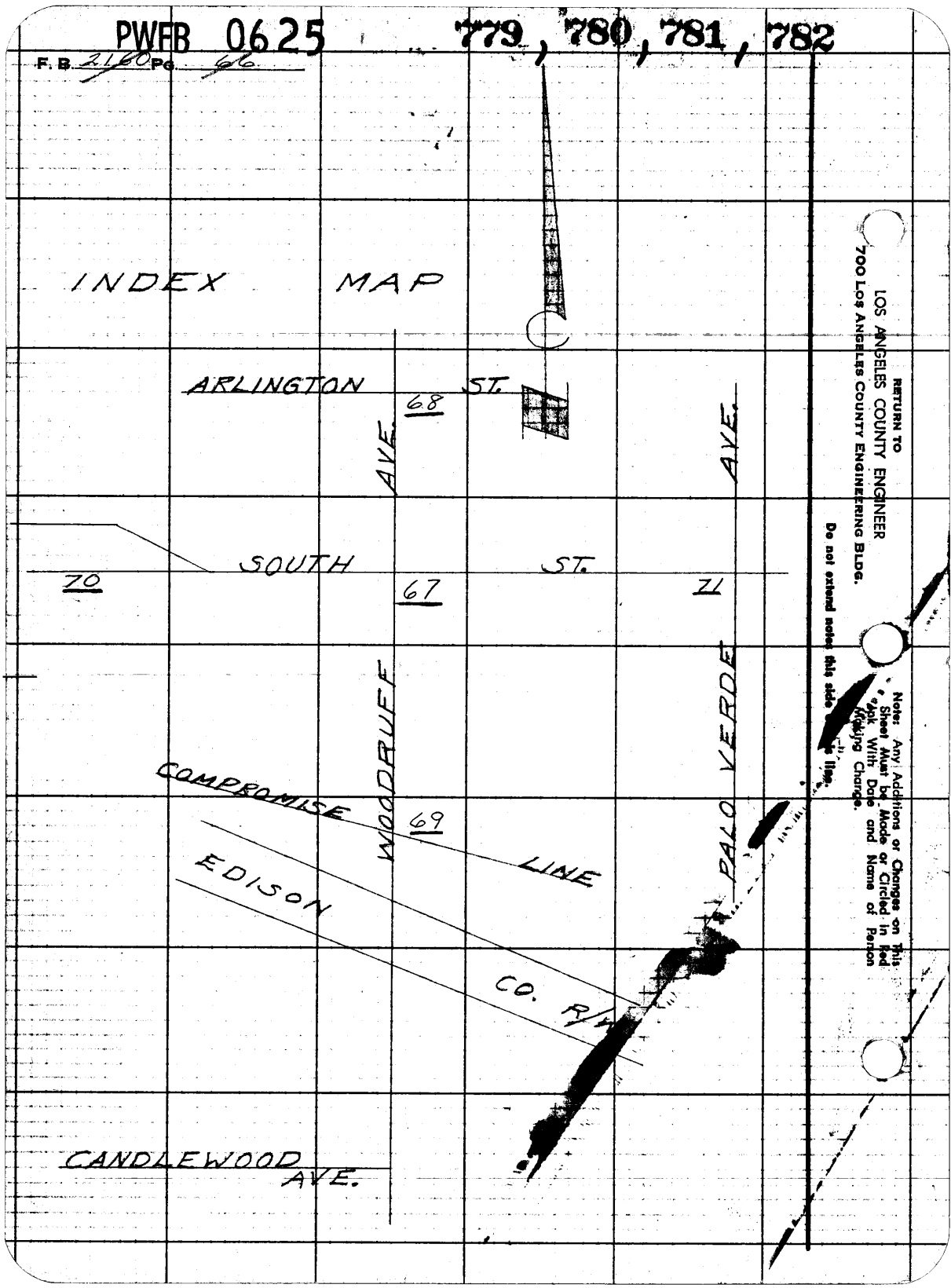
76F309S CE #247—3-57

PWFB 0625 779, 780, 781, 782

F. B. 2160 Pg. 66



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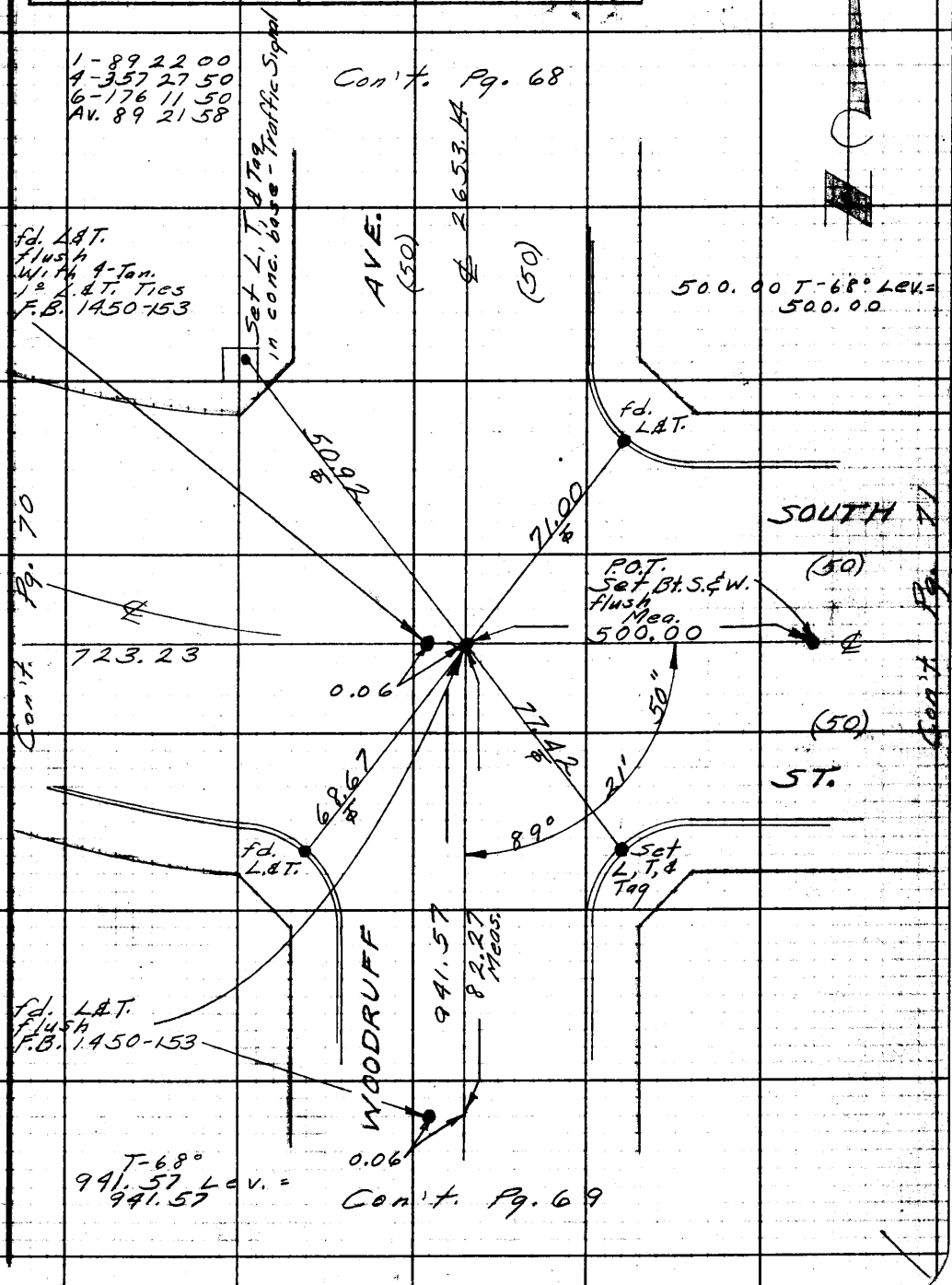
PWFB 0625 783

Notes Ck'd by	Survey of Woodruff Ave.
Map No.	JN 0860.06 Tape 0138 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 1-58
Date	Indexed A. C. Johnson

F. B. ~~2160~~ Pg. ~~67~~

W.S. 33 B-6



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F.B. 2160 Pg. 68

PWFB 0625

784

W.S. 33 B-5

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700 Los Angeles County Engineering Bldg.

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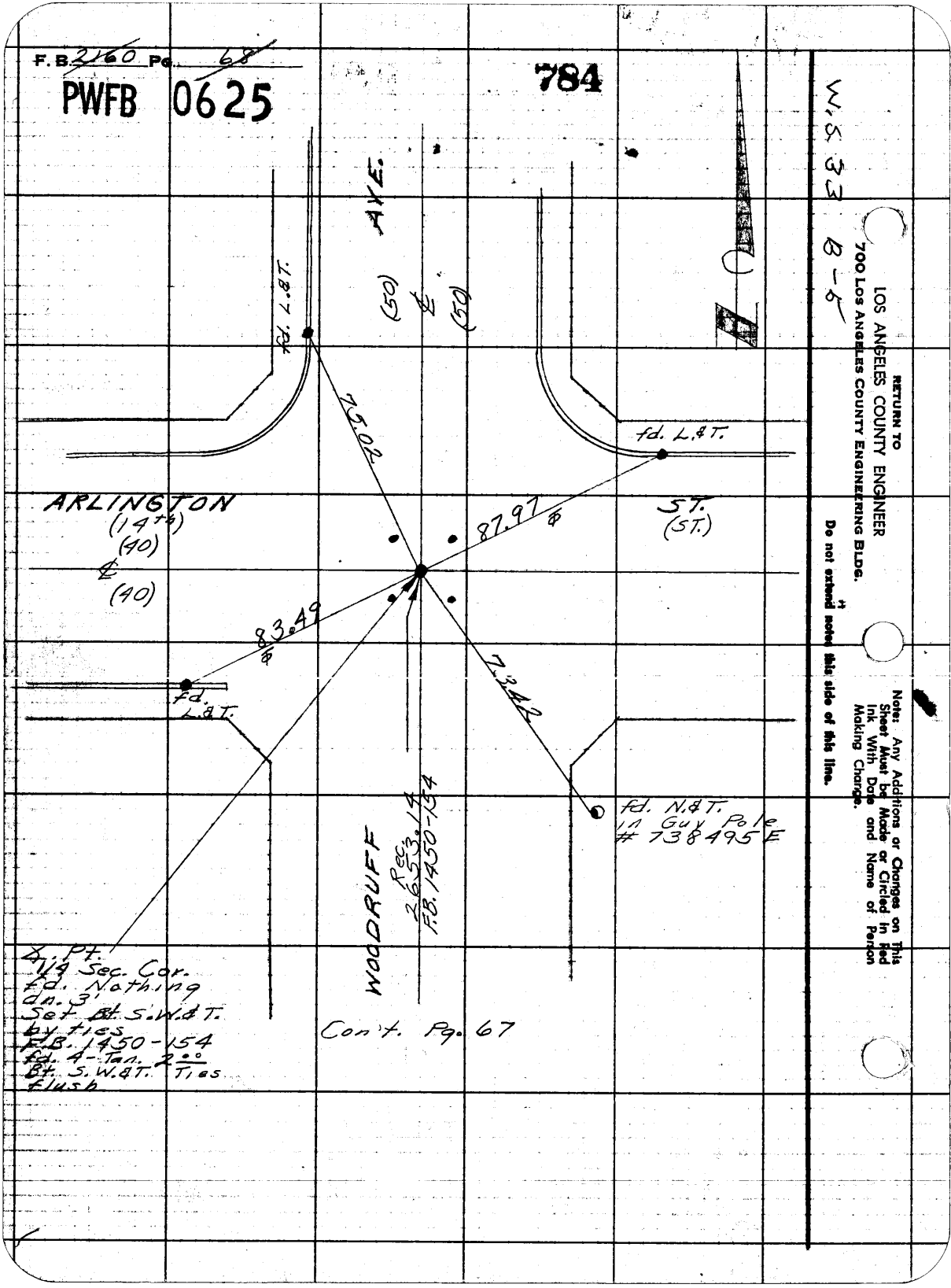


Cont. Pg. 67

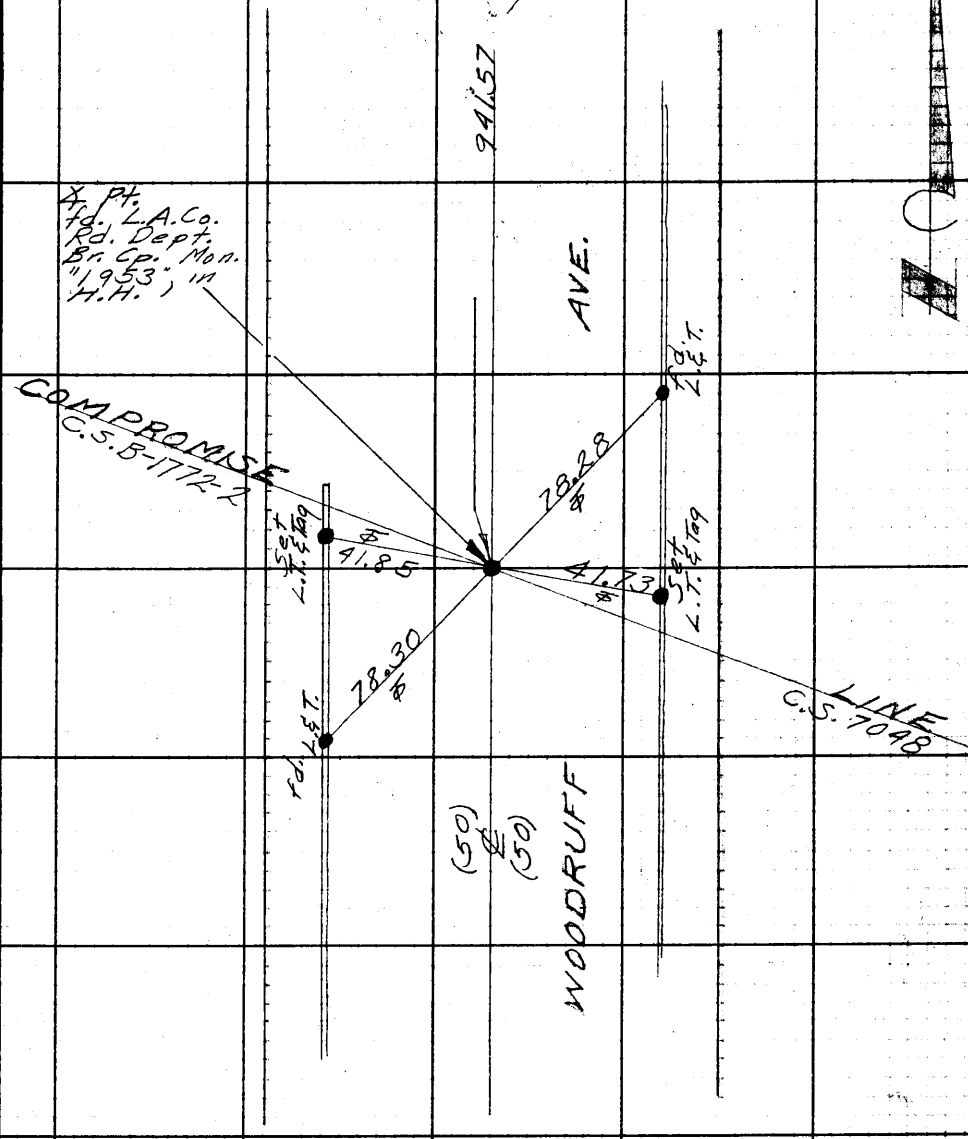
PWFB 0625 785

Notes Ck'd by	Survey of Woodruff Ave.
Map No.	JN 0860.06 Tape 0138 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 1-58
Date	Indexed [illegible] Johnson

F. B. ~~2160~~ PG. ~~69~~

Con't. Pg. 67

W.S. 33 B-6



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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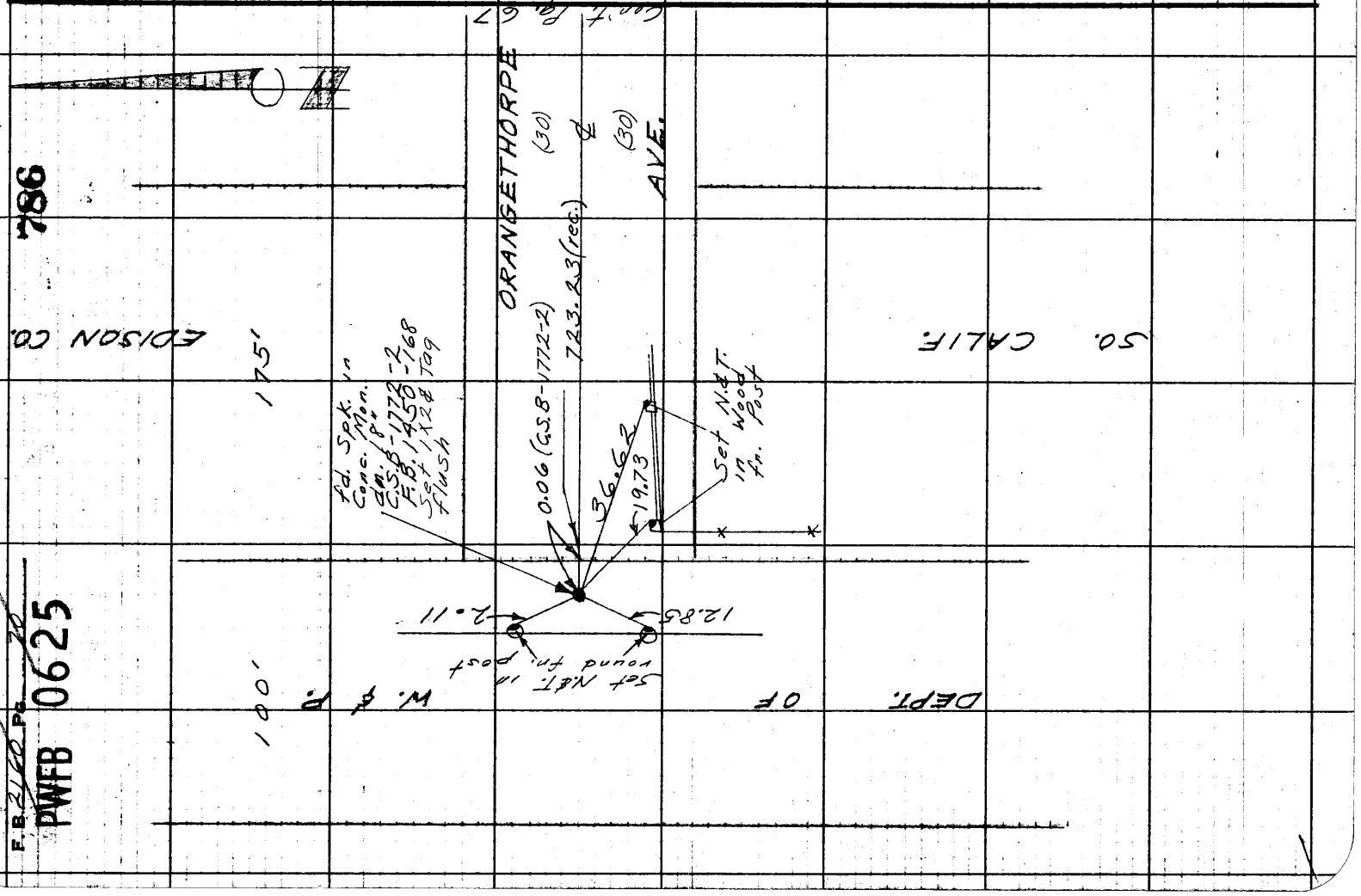
W.S 33 B-C



F.B. 2460 Pg. 70

PWFB 0625

PWFB 0625

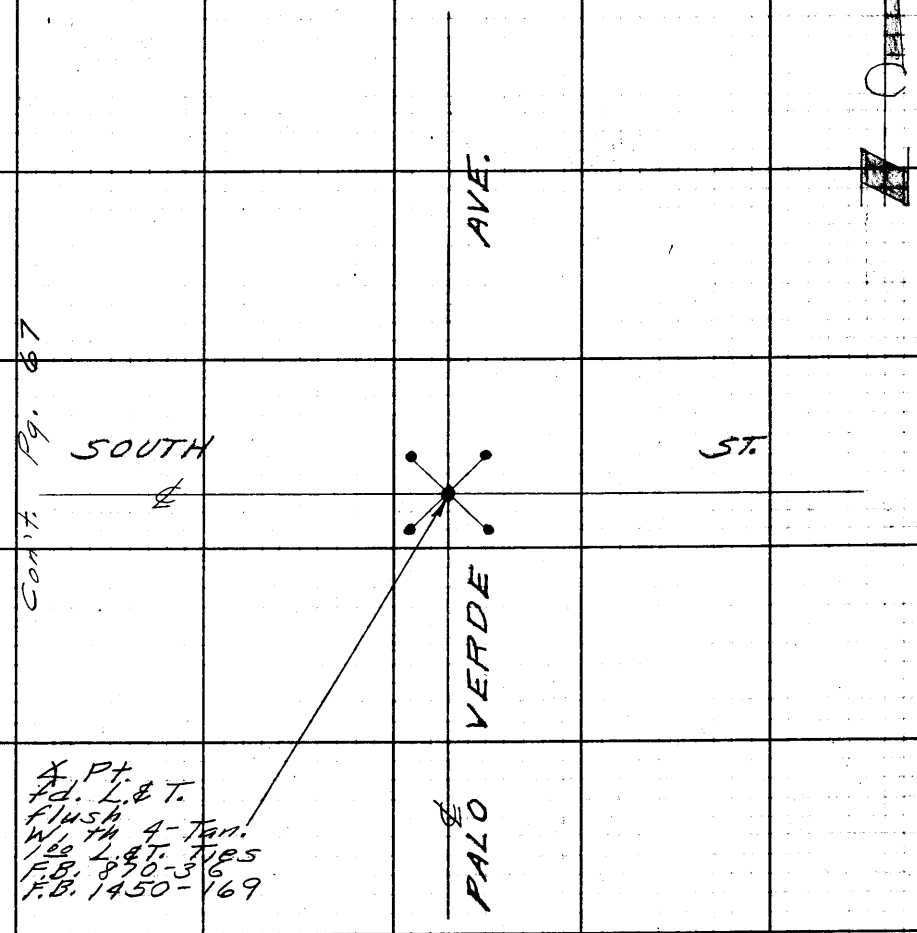
787

Notes Ck'd by	Survey of Woodruff Ave.
Map No.	JN 0860.06 Tape 0138 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 1-57
Date	Indexed C. Johnson

F. B. 2160 PG. 71

B-6

W.S 33



℄ Pt.
fd. L.&T.
flush
With 4-Tan.
1oo L.&T. Ties
F.B. 870-36
F.B. 1450-169

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76F309S CE #247—3-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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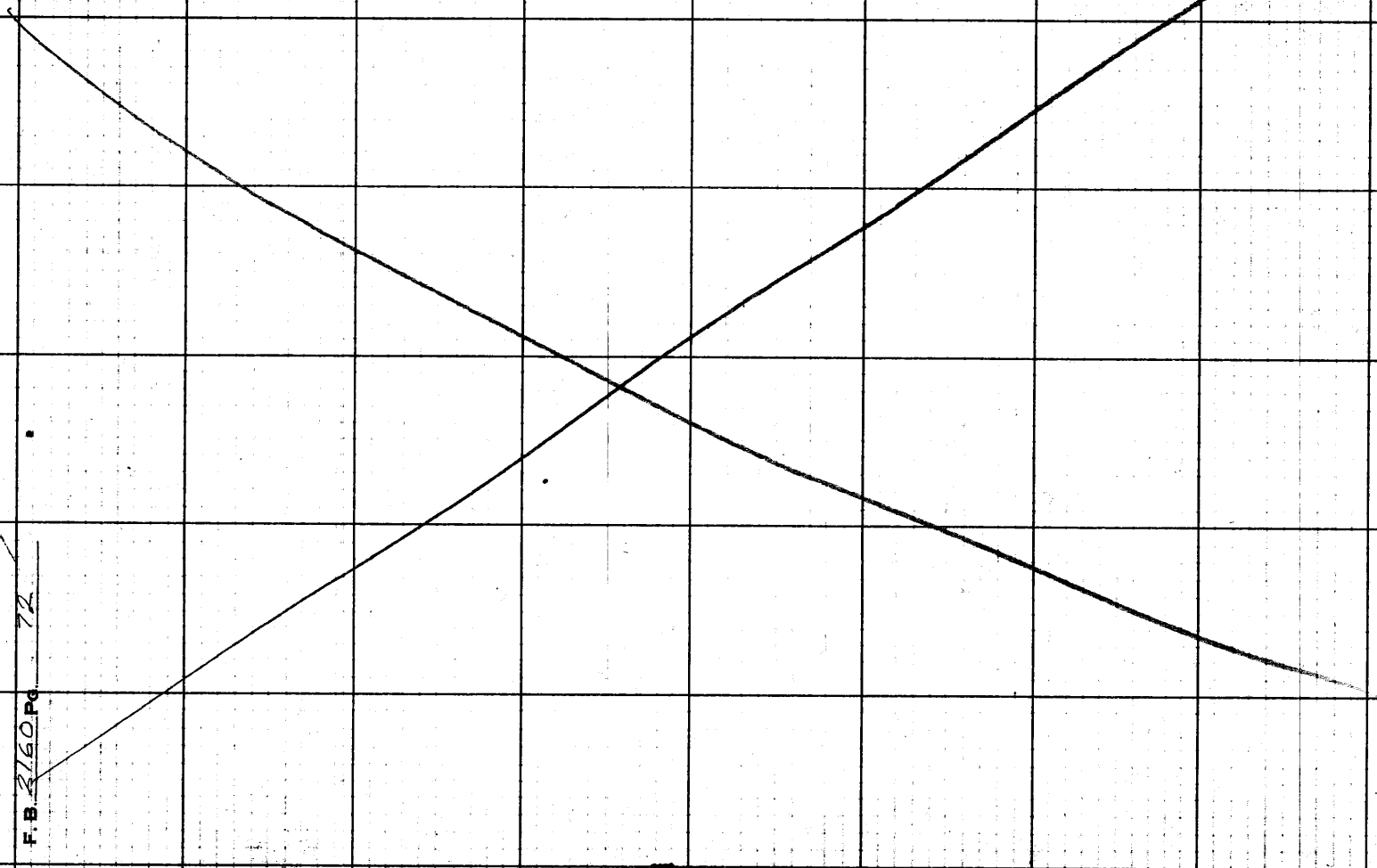

F.B. 3160 Pg. 72

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

Survey of Woodruff Ave.
JN 0860.06 Tape 0138 Std 68 °F
Surveyed by English
Notes Ed. Date 1-58
Indexed C. Johnson 1-27-58

F. B. 2160 Pg. 81

WOODRUFF AVE.

J.N. 0860.06

TOPOGRAPHY

Jan. 15, 1958
English
Landa
Garrison
Tolle

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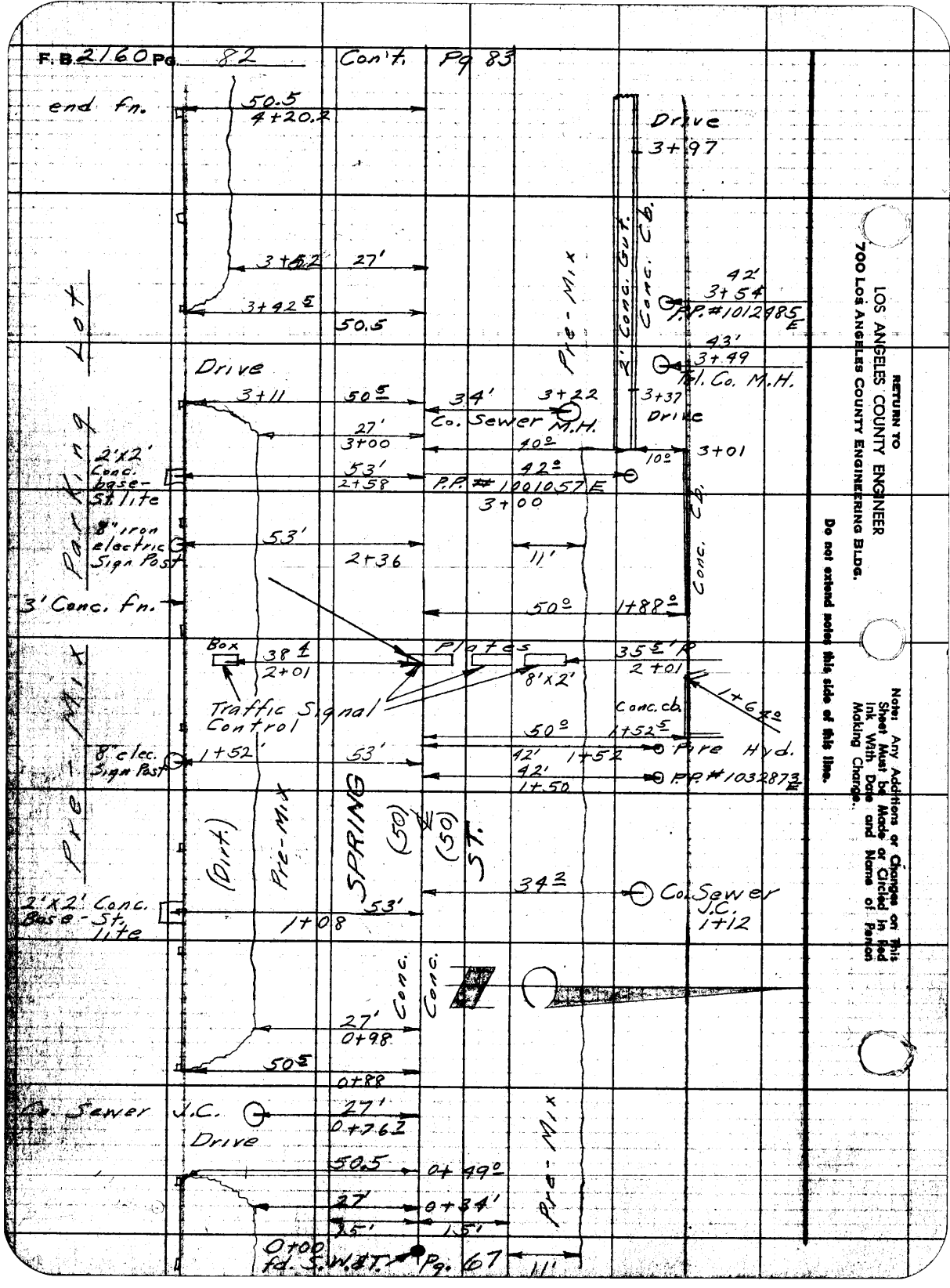
700 Los Angeles County Engineering Bldg.

76F3095 CE #247—3-57


F.B. 2160 Pg. 82
Con't. Pg 83
end fn.
50.5
4+20.2
Drive
3+97
3+52
27'
3+42.5
50.5
Pre-Mix
2' Conc. Gut.
Conc. Cb.
42'
3+54
P.P. #1012485 E
43'
3+49
Tel. Co. M.H.
Drive
3+11
50.5
34'
3+22
Co. Sewer M.H.
3+37
Drive
27'
3+00
40°
10°
3+01
2'x2' Conc. base-St. lite
53'
2+58
42°
P.P. #1001057 E
3+00
8" iron electric Sign Post
53'
2+36
11'
Conc. Cb.
3' Conc. fn.
50°
1+88°
Box
38.4
2+01
Plates
35.5' R
2+01
8'x2'
Traffic Signal Control
1+64°
Conc. cb.
50°
1+52.5
8" elec. Sign Post
1+52'
53'
42'
1+52
Pire Hyd.
42'
1+50
P.P. #1032873 E
Pre-Mix Parking Lot
(Dirt.)
Pre-Mix
SPRING
(50)
(50)
ST.
34.2
Co. Sewer J.C. 1+12
2'x2' Conc. Base-St. lite
53'
1+08
Conc.
Conc.
27'
0+98
50.5
0+88
Co. Sewer J.C.
27'
0+76.2
Drive
50.5
0+49°
27'
0+34'
15'
15'
Pre-Mix
0+00 fd. S.W.&T.
Pg. 67
11'
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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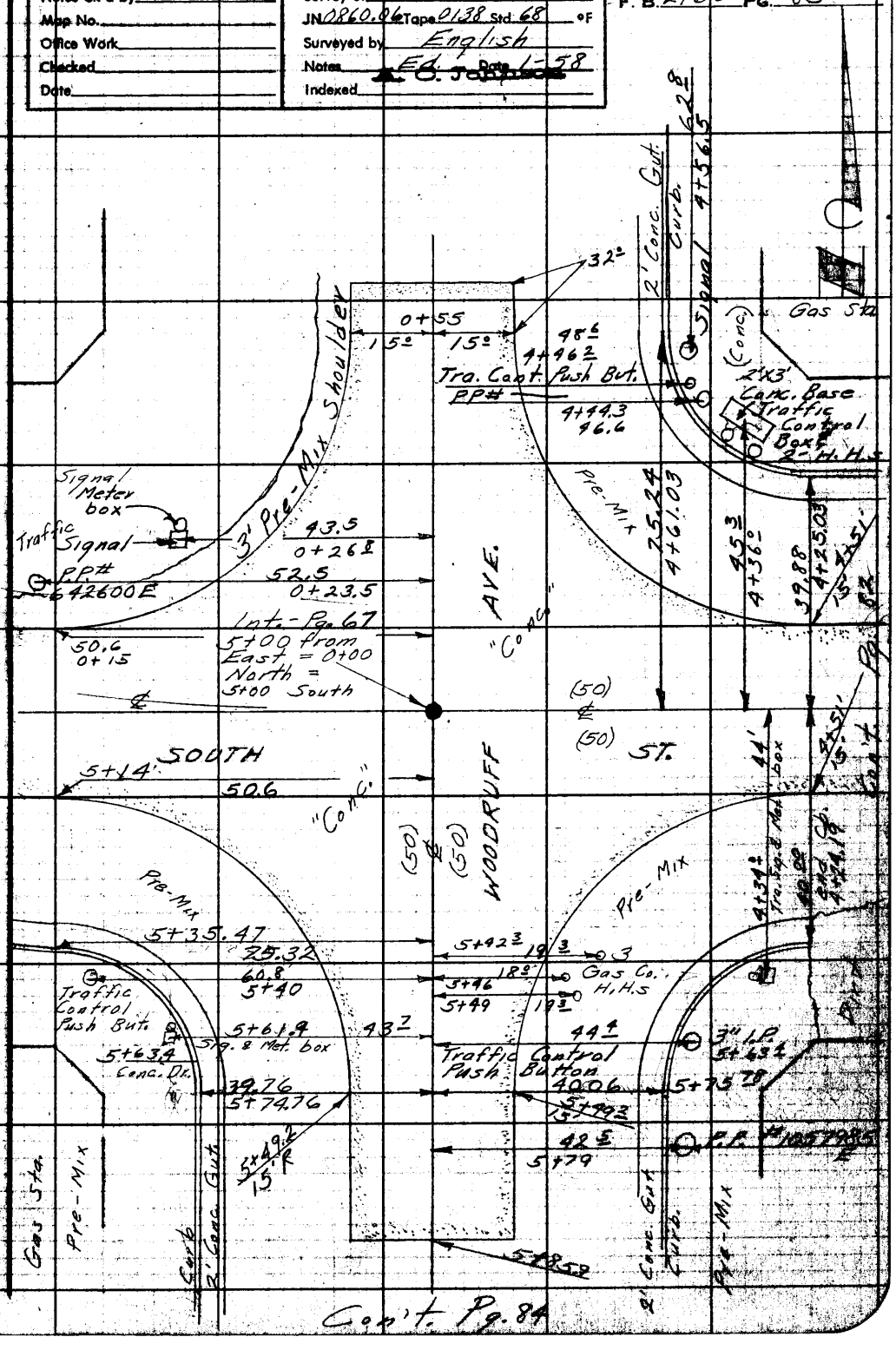
Notes Ck'd by	Survey of Woodruff Ave.
Map No.	JN 0860.06 Tape 0138 Std. 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 1-58
Date	Indexed

F. B. 2160 PG. 83



Con't. Pg. 84

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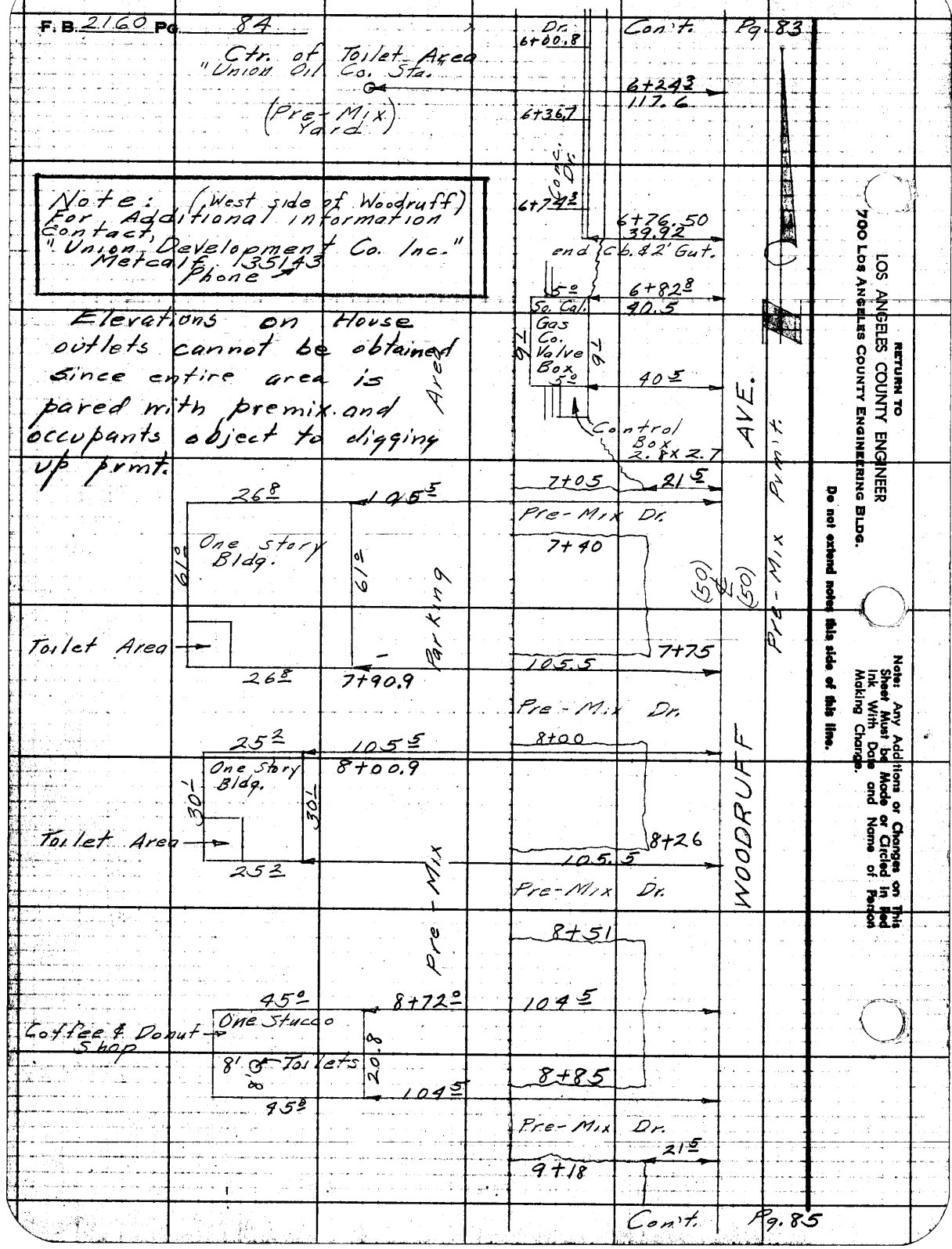
REVIEW TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F6095 CE #247—3-57

F.B. 2160 Pg. 84



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

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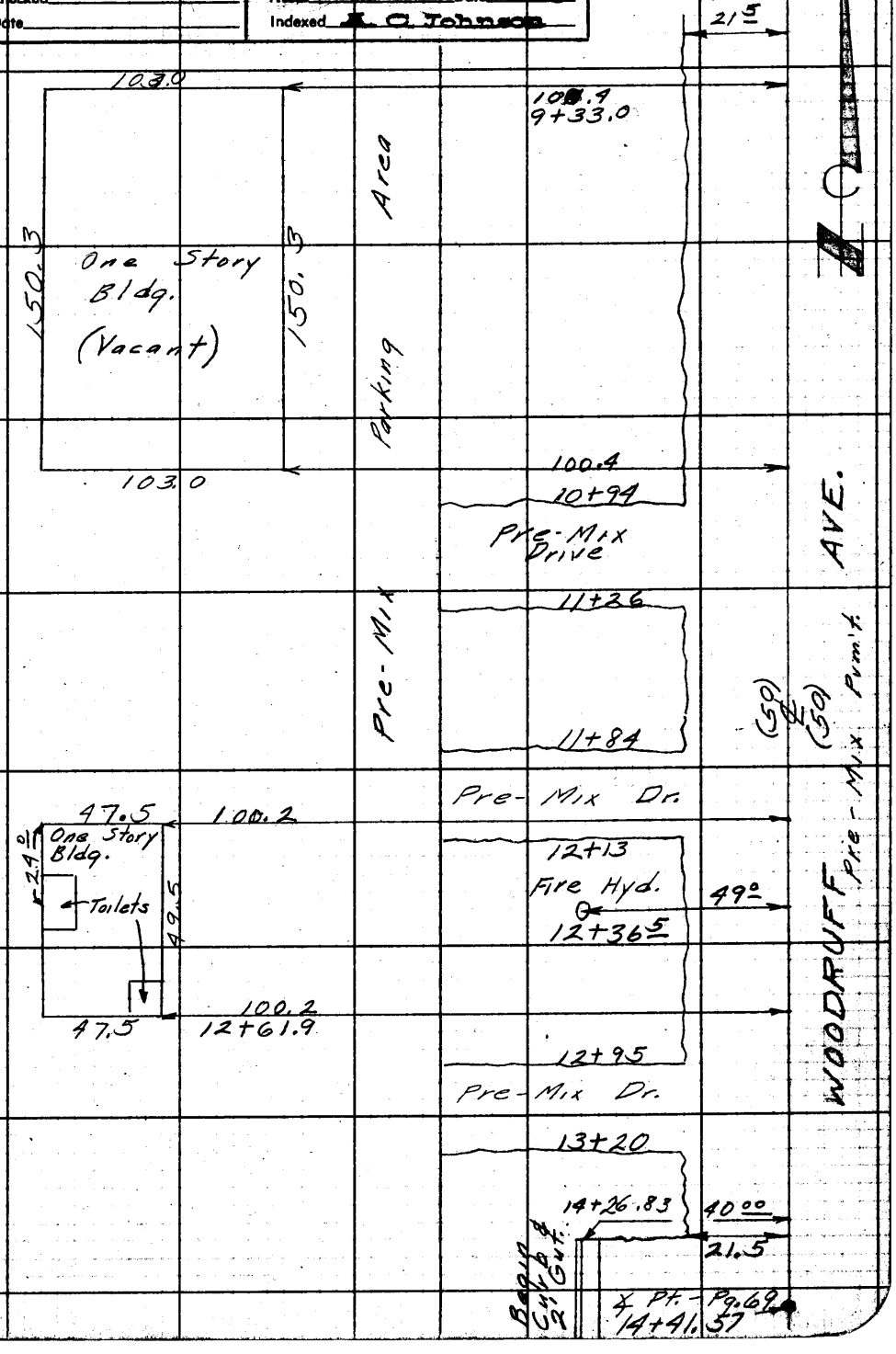
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Woodruff Ave
Map No.	JN 0860.06 Tape Std °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 1-58
Date	Indexed A. C. Johnson

F. B. 2160 PG. 85

Con't. Pg. 84



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76F309S CE #247—3-57

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F.B. 2160 Pg. 86

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 0860.22 | Division No. 10 | F. B. 2160 | Pg. 87

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Woodruff & South St. | Survey by D. Sappell | Notes DS | Date 5-18-59 | Map No. | Index C. Johnson 5-19-59

J. N. 0860.22

WOODRUFF AVE & SOUTH ST.

INV. EL.

OF

EXIST. U.C. S.M.H.

AT N.W. COR.

party: Sappell
Shoemaker
~~Carr~~
Lieber
Clifford

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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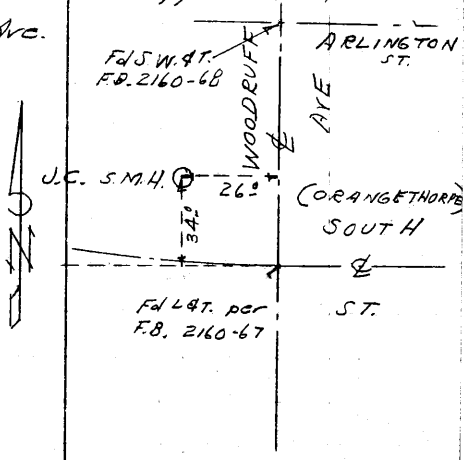
STATION	B. S.	H. I.	F. S.	ELEV.		
BM SY 3694				54 44	BM SY 3694 El. 54.441	Fd L & BN ± 35' W. of (South St.)
	362	58 06			cb. ret. @ S.W. cor.	Woodruff Ave & Orange-
					thorp Ave. ±4' W. of	Drwy to Gas Sta.
			5 17	52 89	J.C. S.M.H. W. Rim	(Rim Rod + M + D) = Invert.
J.C. S.M.H.			12 09	45 97	inv. 8" outlet E.	5.18 + 6.24 + 0.67 = 12.09
26° W. & 34° N. of ℄ int. South			12 08	45 98	" 8 inlet S.	5.19 + 6.22 + 0.67 = 12.08
& Woodruff			11 94	46 12	" 8" stub W.	5.17 + 6.10 + 0.67 = 11.94
BM SY 3693			3 89	54 17	BM SY 3693 El. 54.165	Fd L & B.N. ctr of cb.
					ret. @ S.W. cor. (Now South St.)	Woodruff Ave &
					Orangethorpe Ave.	



F. B. 2160 Pg. 88 Job No. 0860.22 Division No. 10 Notes Red. Plotted Profile
Survey of Woodruff & South Sts Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

Profile No. | Notes Red. | Plotted | Job No 0860.06 Division No. 10 | F. B. 2160 Pg. 92
Date | Date | Survey of Woodruff Ave.
X-Sec. No. | Notes Chkd. | Checked | Survey by English Notes by C. [illegible] Date 1-15-58
Date | Date | Map No. | Indexed | Date 12-22-58

WOODRUFF AVE.

J.N. 0860.06

CROSS-SECTIONS

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

Jan. 15, 1958
English
Landa
Garrison
Tolle

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	South St.	
B.M. L-1				56 ~~10~~ 11	B.M. L-1, el=56.~~10~~ 11	~~(Field elev.)~~, Pg. 52
					So. side of South St. & 390' E. of ℄ Woodruff Ave., Bt. Spk. in N.W. cor. of conc. base of Parking Area Light.	
0+00				54 17	℄	
				54 05		15 R edge conc.
				53 41		26 " F.L.
				53 57		50 " P.L.
				54 35		150 "
				54 10	15 L Same	
				53 44	27 "	
				54 19	50 "	
				53 65	150 "	
0+76 7				53 93	27' L - Sewer J.C. M.H. - rim el.	
				44 19	8" Inlet S.	Meas. + D = F.L. 9.07 + .67 = 9.74
				44 30	8" " W.	8.96 + .67 = 9.63
				44 11	8" Outlet N.W.	9.15 + .67 = 9.82
1+00				54 33	℄	
				54 23		15 R
				53 75		26 " Same
				53 99		50 "

Note: Self reading rod used

T.E. 2160 Pg. 96 Job No. 0860.06 Division No. 10 Notes Red. Plotted Profile
Survey of Woodruff Ave. Date Date No.
Survey by English Notes Ed. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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Profile Notes Red. Plotted Job No. 0860.06 Division No. 10 F. B. 2160 Pg. 97
No. Date Date Survey of Woodruff Ave. Date 1-22-58
X-Sec. Notes Chkd. Checked Survey by English & Co. Notes C. Johnson Date
No. Date Date Map No. Inked Date

STATION	B. S.	H. I.	F. S.	ELEV.	South	St.
1+00				5421	15 ℄	
				536	27 " Same	
				541	50 "	
1+12				5404	34 ℄ R - J.C. Sewer - rim el.	
				4396	8" Inlet	N + D = FL 9.41 .67 10.08
				4400	" "	9.37 .67 10.04
				4392	" Outlet	9.43 .67 10.10
2+00				5444	℄	
				5432		15 R
				540		26 " Same
				542		50 "
				5435	15 ℄	
				536	27 "	
				542	50 " Same	
3+00				5420	℄	
				5412		15 R
				536		26 " Same
				542		50 "
				5416	15 ℄	
				535	26 "	
				542	50 " Same	

76L298 S & E #307 9-54

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50.30

L-2, e/ = 53.13

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. 10
Job No. 2860.06
Survey of Woodruff Ave.
Survey by English Notes Ed.
Indexed K.O. Johnson Date
F.B. 2760 Pg. 98

STATION	B. S.	H. I.	F. S.	ELEV.	South	St.
3+01				54 20		℄
				54 12		15 R ed. conc.
				53 41		40 ' Bot cb. (Beg. cb.)
				54 03		40 " T. cb.
3+22				53 79	34 'R - S.M.H. -	rim el.
				46.59	8" Inlet W. M. +	D. = F.L.
				46 50	" " Outlet E. 6.56	.67 7.23
4+00				53 95		℄
				53 79		15 R ed. conc.
				53 20		40 " B. cb.
				53 87		40 " T. cb.
				53 83	15 L ed. conc.	
				53 1	27 " F.L.	
				53 9	50 " P.L.	
		Woodruff Ave. & South St. - curb returns				
				53 19	N.E. Cor. - E. end	- B. cb.
				53 29	" " " "	- T. cb.
				53 20	" " N. "	- B. "
				53 29	" " " "	- T. "

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
				5298	S.E. Cor. - E. end - B. cb.	
				5360	" " - " " - T. "	
				5265	" " - S. " - B. "	
				5321	" " - " " - T. "	
				5359	N.W. " - N. " - edge conc.	
					" " - " " - T. "	
				5358	" " - W. " - edge conc.	
					" " - " " - T. "	
				5262	S.W. " - S. " - B. "	
				5274	" " - " " - T. "	
				5281	" " - W. " - B. "	
				5296	" " - " " - T. "	
4+50				5375		℄ South St.
5+00				5262	℄ Int. South & Woodruff, Pg. 67	
					= 0+00 going N. on ℄ Woodruff	
					℄ = 0+00 " W. on Semi-tan. South St.	
0+55N.				5365	end conc.	℄ Woodruff
0+65N.				5417	Brk.	℄ "
1+00N.				5411		℄ "

Profile
Notes Red. Plotted Job No. 0860.06 Division No. 10
No. Date Date Survey of Woodruff Ave. F.B. 2160 Pg. 79
X-Sec. Notes Chkd. Checked Survey by English Notes Ed. C. Johnson Date 7-22-58
No. Date Date Map No. Indexed Date

76L298 S & E #307 9-54

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

Survey of Woodruff Ave. Division No. 10 Notes Red. ____ Date ____
Survey by English Notes ____ Chkd. ____ Date ____
Indexed by C. Johansen Date ____

FB 2760 Pg. 100 Job No. 0860.06

STATION	B. S.	H. I.	F. S.	ELEV.	Woodruff Ave.
0+25 W.				53 11	Brk. Semi-tan
0+50 W.				53 78	"
1+00 W.				54 05	"
					Woodruff Ave. (South)
5+50				52 59	Brk. ℄
5+86				53 40	end Conc. ℄
6+00				53 22	℄
				52 53	40 R - B.cb.
				53 13	40 " - T. cb.
				53 80	50 " Brk.
				55 58	200 " Back P.L.
6+24 3				55 36	ground el. at toilets - 117 6 R.
6+76 5				52 67	℄
				52 40	B.cb. 40' R end.
				52 33	T. cb. 40' " cb.
6+87				52 31	40" R - So. Cal. Gas Co. M.H. rim el.
6+82 8				48 91	Top of 4" Pipe - N. M. 3.40
6+92				50.36	" " " " - S. " 1.95 - 42 5 R.
7+00				52.63	℄
				52 26	30 R P.L.
				53 65	50 " P.L.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Woodruff Ave
8+00				52 53	℄
				52 32	21 5 R ed. pv.
				51 91	30 " F.L.
				53 56	50 " P.L.
				54 04	200 " Back P.L.
7+85				54 46	125' R - ground el. at toilets
8+25				54 41	125' - " " " "
9+00				52 38	℄
				52 01	21 5 R
				51 72	30 "
				53 43	50 " Same
				54 32	200 "
10+00				52 10	℄
				51 94	21 5 R
				51 66	30 "
				53 58	50 "
				54 35	100' " Floor el.
11+00				52 18	℄
				51 98	21 5 R ed. pv.
				51 60	30 " F.L.
				52 91	50 " P.L.
				54 22	200 " Back P.L.

Profile Notes Red. ____ Plotted ____ Job No. 0860.06 Division No. 10 F.B. 2160 Pg. 101
No. ____ Date ____ Date ____ Survey of Woodruff Ave.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 1-22-58
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
C. Johnson

76L298 S & E #307 9-54

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F.B. 2160 Pg. 102 | Job No. 08600.06 | Division No. 10 | Notes Red. | Plotted | No. | Profile
Survey of Woodruff Ave. | Date | Date | No. | X-Sec.
Survey by English Notes Ed. | Notes Chkd. | Checked
Indexed K. O. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Woodruff Ave.	
12+00				52 01		℄
				51 70		21.5 R edge Pv.
				51 37		30 " F.L.
				52 70		50 "
12+35				53 93	42' R - ground el. at toilets	
12+55				54 08	105' R - " " " "	
13+00				51 85		℄
				51 63		21.5 R
				51 21		30 " Same
				52 40		50 " P.L.
14+26.8				51 84		℄
				51 58		
				51 35	(Begin cb.)	R - edge Pv.
				51 95		40 " - B. cb.
						40 " - T. "
B.M. L-3				52 35 ✓	B.M. L-3, el = ~~52.35 (Field elev.)~~ 52.351, Pg. 52 East side of Woodruff Ave. & 675' S. of ℄ South St. - Bt. spk. in E. cb.	

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Additional Work (check)	
B.M. L-1				56 11	B.M. L-1, el.= 56.107, F.B. 2160-52	
					South St. (S. side) 390' ± E. ℄ Woodruff Ave.	
					Bt. Spk. in N.W. Cor. conc. base of (Parking Area light)	
		S.M.H.			388' E. of ℄ Woodruff Ave. & 34' N. of ℄ South St.	
				54 04	rim elev.	T + D = F.L.
		(Self-reading rod used)		43 87	8" Outlet E.	9.50 .67 = 10.17 ✓
				44 02	8" Inlet W.	9.35 .67 = 10.02 ✓
				44 05	8" " S'ly.	9.32 .67 = 9.99 ✓
		S.M.H.			178' E. ℄ Woodruff Ave. & 34' N. ℄ South St.	
				53 75	rim elev.	
				44 61 ✓	8" Inlet W.	8.47 + .67 = 9.14 ✓
				44 49	8" Outlet E.	8.59 + .67 = 9.26 ✓
						(Dry)

Profile Notes Red. Plotted Job No. 0860.06 Division No. 10 F. B. 2160 Pg. 103
No. Date Date Survey of Woodruff Ave.
X-Sec. Notes Chkd. Checked Survey by English Notes Ed. Date 3-10-58
No. Date Date Map No. Indexed C. Johnson Date 3-11-58

F. B. 2160 Pg. 104 Job No. 0860.06 Division No. 10 Notes Red. Plotted Profile

Survey of Woodruff Ave. Date Date No.

Survey by English Notes Ed. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

761.298 S & E #307 9-54

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

Notes Ck'd by		Survey of NEW HALL OF RECORDS	F. B. 2160 PG. 113
Map No.		JN 7059.02 Tape Std °F	
Office Work		Surveyed by J.J. LANIGAN	
Checked		Notes J.J.L. Date 12-9-59	
Date		Indexed C. Johnson 12-10-59	

J.N. 7059.02

NEW HALL OF RECORDS

Broadway Sewer

LOCATION OF 8" V.C.P. SEWER LINE

FOR NEW HALL RECORDS

C.P. 7059.02

LANIGAN
RITE
MANLEY
DOVER
SULLIVAN

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763098 CE #247—7-55

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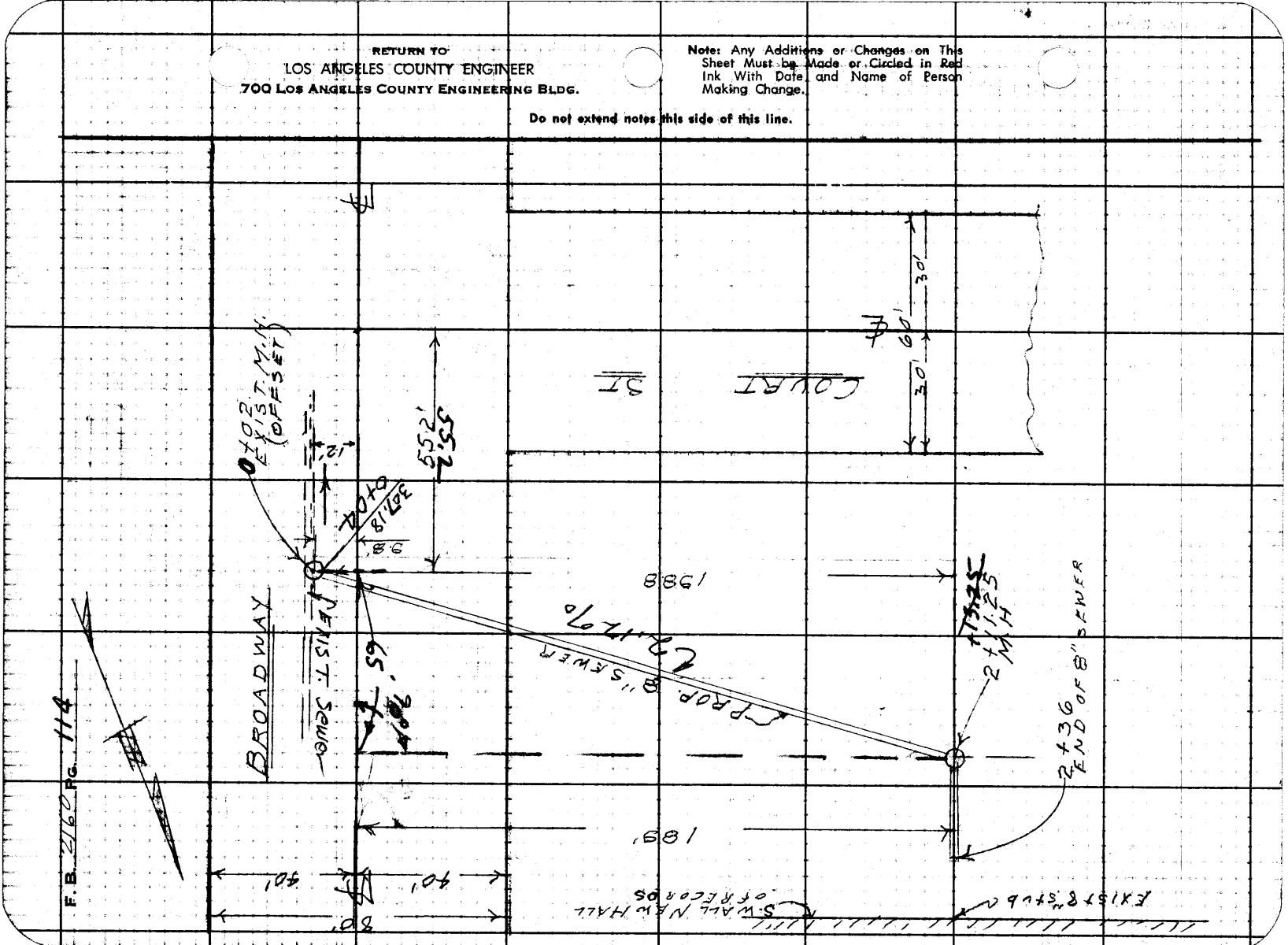

Notes Ck'd by	Survey of NEW HALL OF REC.
Map No.	JN 7059.02 Tape 0179 Std 68 °F
Office Work	Surveyed by V.J. LANIGAN
Checked	Notes J.N.L. Date 4-12-58
Date	Indexed C. JOHNSON 4-15-58

F. B. 2160 PG. 115

J.N. 7059.02
NEW HALL OF RECORDS
SURVEY FOR
SANITARY SEWER SERVICE

LANIGAN
RIKE.
YASUI
CIOCHON

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78F3093 SSE #247 1-56

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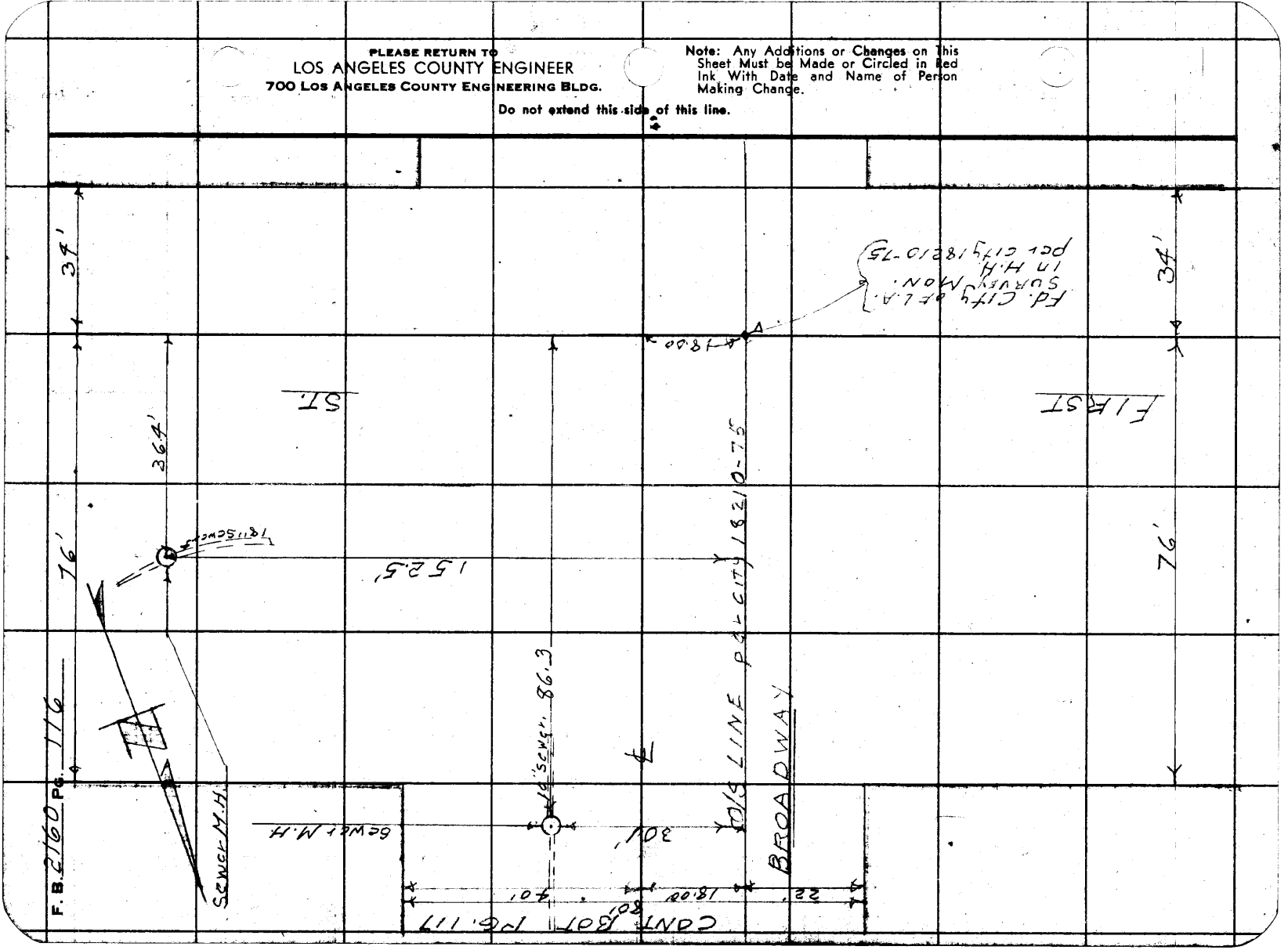
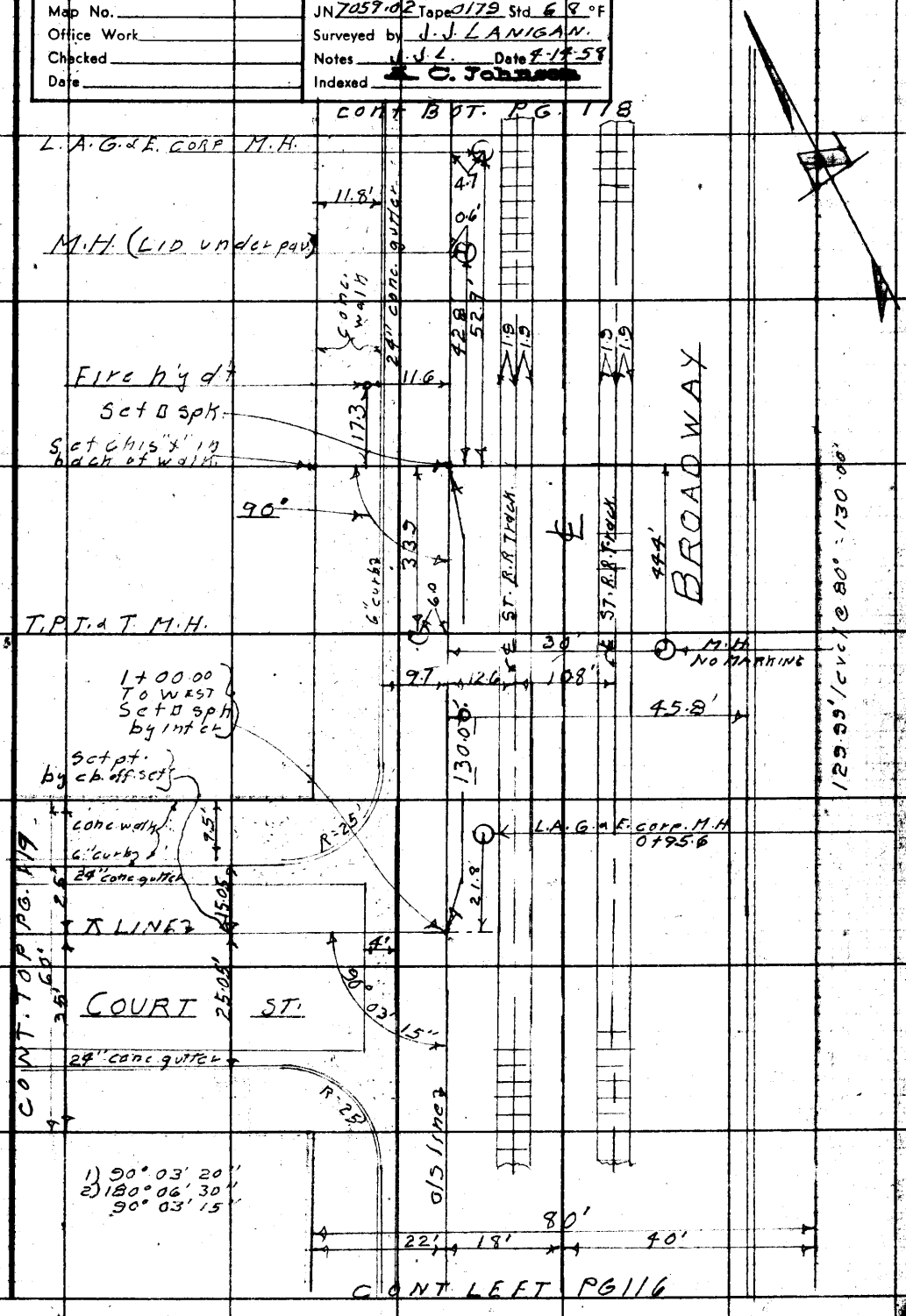


Notes Ck'd by	Survey of New Hall of Records
Map No.	JN 7059.02 Tape 0179 Std 68 °F
Office Work	Surveyed by J. J. LANIGAN.
Checked	Notes J. J. L. Date 4-14-58
Date	Indexed A. C. Johnson

F. B. 2160 PG. 117



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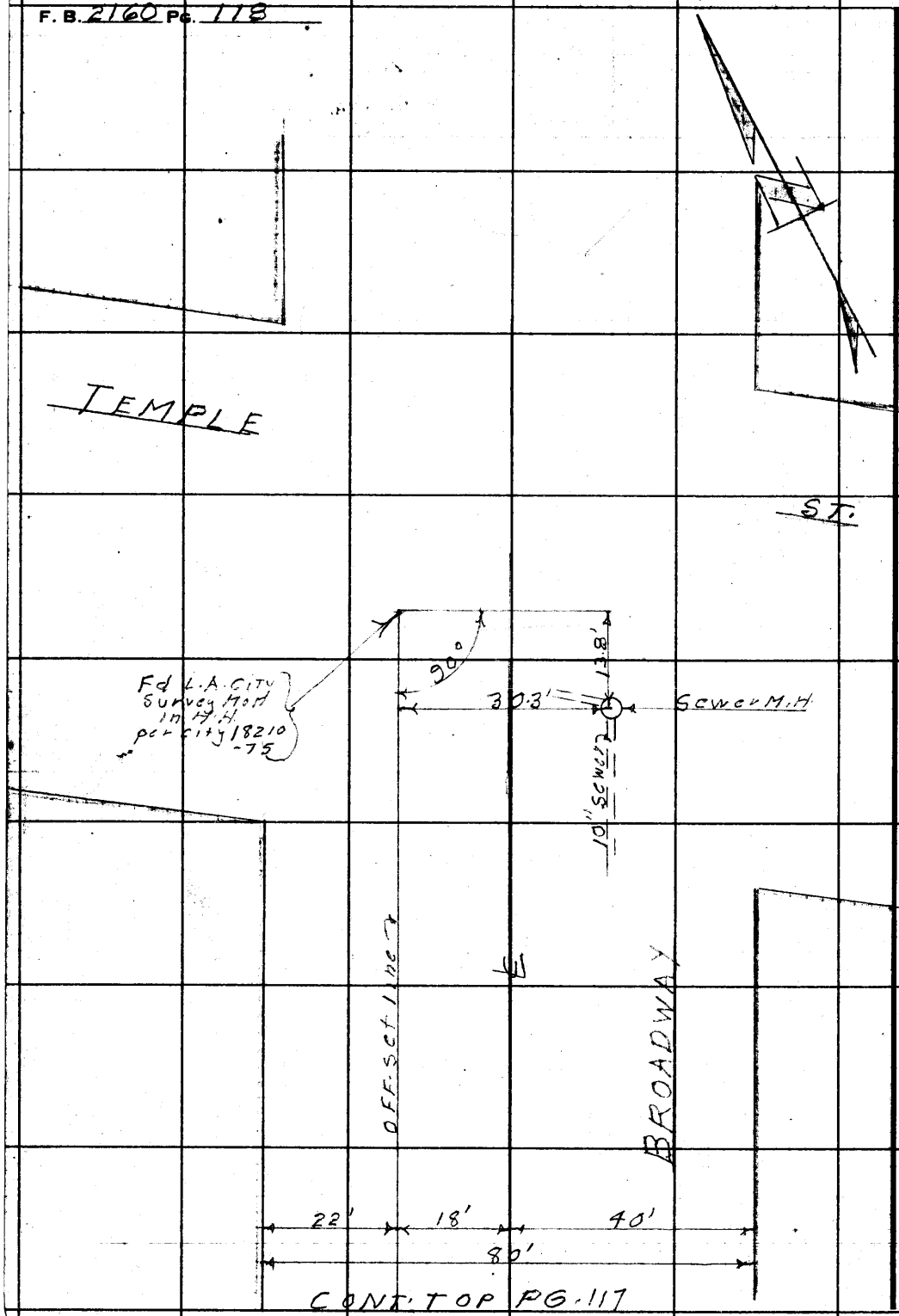
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 1-56

F. B. 2160 Pg. 118



CONT. TOP PG. 117

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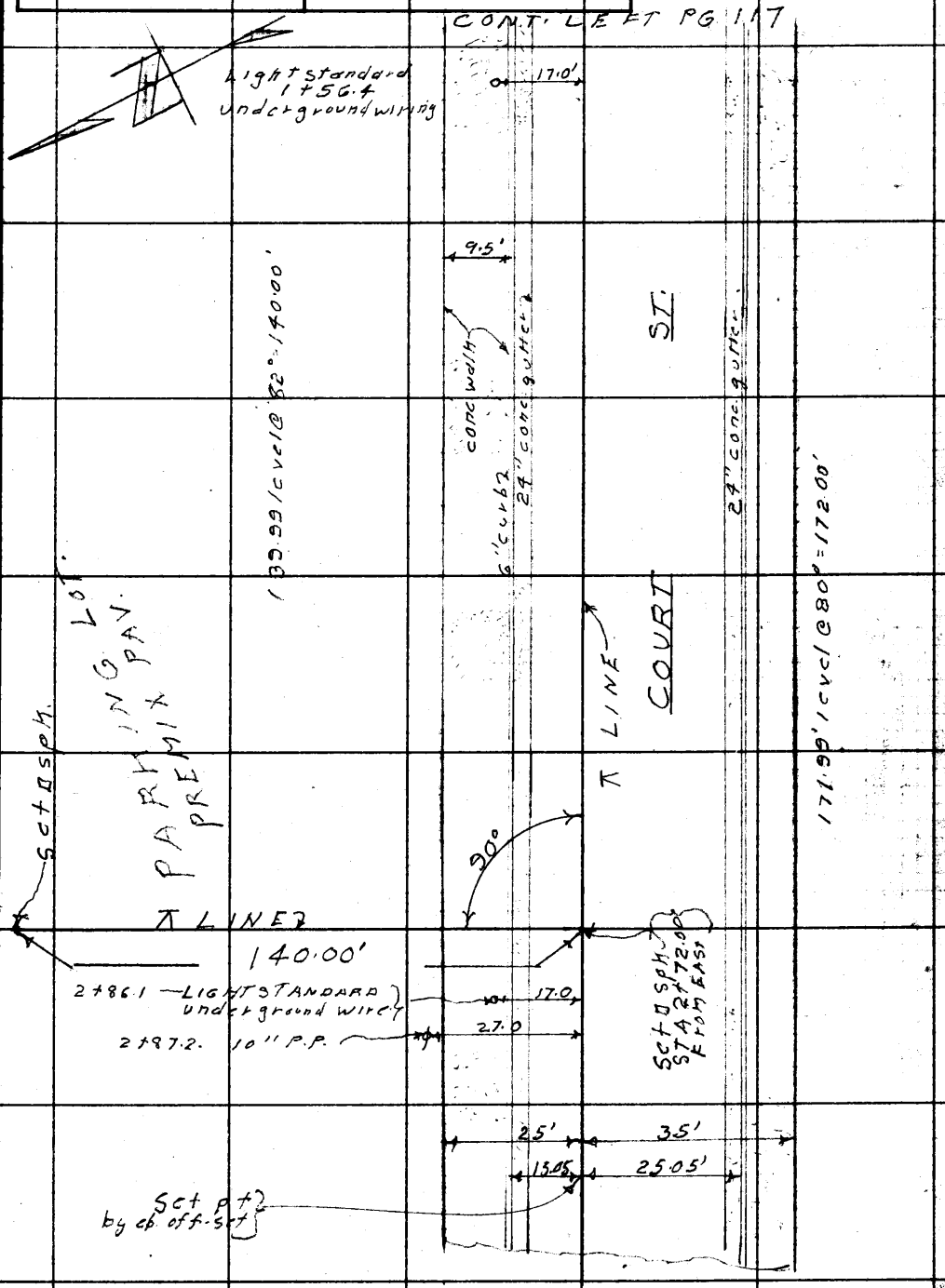
Notes Ck'd by	Survey of New Hall of Records
Map No.	JN 7059.02 Tape 0179 Std 68 °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 4-14-48
Date	Indexed [redacted] C. Johnson

F. B. 2160 PG. 119



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76F309S S&E #247 1-56

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F. B. 2160 PG. 120

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 7059.02 | Division No. 10 | F. B. 2160 Pg. 121

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of NEW HALL OF RECORDS | Survey by LAVIGAN | Notes RIKE | Date 1-12-58 | Map No. | Indexed C. Johnson | Date

J.N. 7059.02

NEW HALL OF RECORDS

NORTH BROADWAY

FROM

A POINT 135'± N. OF ℄ COURT ST.

W. TO W. P/L OF BDWY.

STATION	B. S.	H. I.	F. S.	ELEV.
			PROFILE AND CROSS SECTION.	
		LAVIGAN		
	RIKE YASUI CIOCHON			

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.

PLEASE RETURN TO
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700 Los Angeles County Engineering Bldg.

76298 S & E #307—7-55

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	⊼ LINE N. BDWY.
B.M. U.S.G.S.				327.30	ELEV. = 327.295 F.B. 10693-74 B.M. U.S.G.S. DISC MARKED 37-54-26 IN GRANITE BLOCK 4' E. OF E. CURB N. BDWY. 235' S. E. TEMPLE ST. CPR N. AND OF GRANITE BLOCK STEPS
					LT. ⊼ LINE RT.
0+70				[illegible]	
" "				[illegible]	
" "				[illegible]	10' E. SIDE + S. OF
" "				[illegible]	44.4' N. RIM [illegible] LINE
0+74.6				325.58	⊼ LINE E. RAIL (E. TRAK)
0+78.3				[illegible]	" " [illegible] "
0+82				[illegible]	⊼ LINE + E. BDWY.
0+85.5				[illegible]	" " E. RAIL (W. TRACK)
0+89.3				[illegible]	" " W. RAIL "
1+00				323.4	⊼ LINE
0+95				326.05	52' S. RIM. L.A.G. & E. CORP.
0+99.5				325.34	42' S. RIM UNMARKED M.H.
1+06				321.30	33' N. RIM A+T. + T
1+10				322.68	⊼ LINE GUT
" "				323.20	" CURB
" "				323.20	10' GUT.
" "				323.70	" CURB
" "				322.15	10'

F. B. 2160 Pg. 122 Job No. 7059.02 Division No. 10 Notes Red. Plotted Profile
Survey of NEW HALL OF RECORDS Date Date No.
Survey by LANIGAN Notes RIKE Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT LINE (CONT.)	
					L.T.	R.T.
					⊼ LINE	
1+10				322.68	10' CURB.	
1+22				323.5	⊼ LINE + P/L	
" "				323.9		10'
" "				323.1	10'	
					ELEV. [illegible]	
B.M. USGS				327.30	B.M. U.S.G.S. DESCRIP ON PAGE 122.	

Profile Notes Red. ____ Plotted ____ Job No. 7059.02 Division No. 10 F. B. 2160 Pg. 123
No. ____ Date ____ Date ____ Survey of NEW HALL OF RECORDS
X-Sec. Notes Chkd. ____ Checked ____ Survey by LAVIGAN Notes PIKE Date 4-10-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 2160 Pg. 124

Job No. 705902 Division No. 10 Notes Red. Plotted Profile

Survey of NEW HALL OF RECORDS Date Date No.

Survey by LANIGAN Notes RIKE Notes Chkd. Checked X-Sec.

Indexed A. C. Johnson Date Date Date No.

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

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F. B. 2160 Pg. 125

Profile No. | Notes Red. | Date | Plotted | Date | Job No 7059.02 | Division No. 10
X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of NEW HALL OF RECORDS
Survey by [illegible] C. Johnson | Notes [illegible] | Date [illegible]
Map No. | Indexed | Date

J.N. 7059.02
NEW HALL OF RECORDS

COURT ST.
FROM
NORTH BROADWAY TO A POINT 190'± W. OF ℄ BROADWAY

PROFILE AND CROSS SECTION

STATION	B. B.	H. I.	F. S.	ELEV.
		LANGAN RIKE VASUI CORPORATION		

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76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	COURT	ST
					ELEV. = 327.295	F.B. 10693-74
B.M. U.S.G.S.				327 30	B.M. U.S.G.S. disc marked 37-54-26 in granite block in walk 4' E. of E. curb North Broadway 235' S. of center line Temple St. opp. N. end of granite block steps.	
T. P.				327 81	T. P.	
					LT.	RT.
					⊼	LINE
0+70				317 1	"	"
" "				318 3		30'
" "				316 9	5'	
0+74.6				317 11	⊼	LINE E. RAIL (E. TRAIL)
0+78.3				317 13		W. " "
0+82				317 1	⊼	LINE + ℄ BDWY.
0+85.5				317 12		E. RAIL (W. TRAIL)
0+87.3				317 12		W. " "
1+00				317 1	⊼	LINE
				316 8	"	" CROSS GUTTER
				318 4	N. END. N.W. CR. GUT.	
				318 92	" " " CURB	
				317 7	W. " " GUT.	
				318 23	" " " CURB	
1+35				318 8		25' P/L
T. P.				319 61	T. P.	
2+04				321 3	⊼	LINE

F. B. 2160 Pg. 126 Job No. 7059.02 Division No. 10 Notes Red. Plotted Profile
Survey of NEW HALL OF RECORDS Date Date No.
Survey by LANIGAN RIKE. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	COURT	ST. (CONT.)
					LT.	RT.
					⊼ LINE	
2+04				321 4		15' GUT.
" "				322 04		15' CURB
" "				322 6		25' P/L
" "				321 1	5'	
2+72				326 2	⊼ LINE	
" "				326 0	5'	
2+84				327 0	⊼ LINE	
" "				326 9		15' GUT.
" "				327 59		15' CURB
" "				327 8		25' P/L
T. P.				327 33	T. P.	
3+72				333 0	⊼ LINE	
" "				332 8	5'	
" "				332 9		15' GUT.
" "				333 54		15' CURB
" "				333 9		25' P/L
B.M.U.S.G.S.				327 31	B.M. U.S.G.S. ELEV.: 327,295 F.B. 10693-74 (SEE PAGE 126 FOR DESCRIP.)	

Profile Notes Red. ____ Plotted ____ Job No. 106702 Division No. 10 F. B. 22160 Pg. 127
No. ____ Date ____ Date ____ Survey of NEW HALL OF RECORDS
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed K. C. Johnson Date ____

F. B. 2160 Pg. 128 | Job No. 7059.02 Division No. 10 | Notes Red. | Plotted | Profile

Survey of NEW HALL OF RECORDS. | Date | Date | No.

Survey by LANIGAN Notes RIKE | Notes Chkd. | Checked | X-Sec.

Indexed C. Johnson | Date | Date | Date | No.

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

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76298 S & E #307—7-55

Profile No.	Notes Red.	Plotted	Job No. 7059.02	Division No. 10	F. B. 2160 Pg. 129
	Date	Date	Survey of NEW HALL OF RECORDS.		
X-Sec. No.	Notes Chkd.	Checked	Survey by LANIGAN	Notes RIKE Date 1-98	
	Date	Date	Map No.	Indexed C. Johnson Date	

J.N. 7059.02

NEW HALL OF RECORDS

℄ LINE 190'± W. OF ℄ BROADWAY

FROM

COURT ST. TO A POINT 145'± NORTH

STATION	B. B.	H. I.	F. B.	ELEV.
	LANIGAN RIKE YASUI CIOCHON	LANIGAN	PROFILE AND CROSS SECTION.	

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76298 S & E #307—7-55

76298 S & E #307—7-55

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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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT	LINE
					ELEV. = 327.295 F.B. 10693-74	
B.M. U.S.G.S.				327 30	B.M. U.S.G.S. disc marked	37-54-26 in granite block
					in walk 4' E. of E. curb North	Broadway 235' S. of center
					line Temple St. opp. N. end of granite block steps.	
					LT.	RT.
					⊼	LINE
T. P.				323 81	T. P.	
T. P.				319 61	T. P.	
T. P.				327 33	T. P.	
1+00				3262	⊼	LINE
1+15				3261	⊼	LINE + GUT. NO CURB DRWY.
" "				3250		17' GUT.
" "				325 68		17' CURB
" "				3269	12' GUT.	
" "				327 58	12' CURB	
1+20				3269	⊼	LINE + TOP SLOPE
1+25				3270	⊼	LINE
" "				3259		16'
" "				3281	16'	
T. P.				329 64	T. P.	
1+89				3307	⊼	LINE
" "				3298		16'
" "				3322	16'	

F. B. 2160 Pg. 130 Job No. 705902 Division No. 10 Notes Red. Plotted Profile
Survey of NEW HALL OF RECORDS Date Date No. X-Sec.
Survey by LANIGAN Notes RIKE Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT LT.	LINE (CONT.) RT.
					⊼	LINE
2+40				333 1	⊼	LINE
" "				332 1		16'
" "				334 3	16'	
					ELEV. 327.295 F.B. 10693-74	
B.M. U.S.G.S.				327 31	B.M. U.S.G.S. (SEE PAGE 130 FOR DESCRIP)	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 7059.02 Division No. 10 F. B. 2160 Pg. 131
X-Sec. No. ____ Date ____ Date ____ Survey of NEW HALL OF RECORDS
Notes Chkd. ____ Checked ____ Survey by LANIGAN Notes RIKE Date 4-14-58
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 2160 Pg. 132

Job No. 705902 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of NEW HALL OF RECORDS. Date _____ Date _____ No. _____

Survey by LANIGAN Notes RIKE Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

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

76298 S & E #307—7-55

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Profile No.	Notes Red.	Plotted	Job No. 7059.02	Division No. 10	F. B. 2160 Pg. 133
	Date	Date	Survey of NEW HALL OF RECORDS		
X-Sec. No.	Notes Chkd.	Checked	Survey by LANIGAN	Notes RIKE	Date 4- -58
	Date	Date	Map No.	Indexed	Date

J.N. 7059.02
NEW HALL OF RECORDS

INVERT ELEVATIONS OF S.S.
M.H'S. AT FIRST ST. AND BDWY.
AND TEMPLE AND BDWY.

STATION	B. S.	H. I.	F. S.	ELEV.
		LANIGAN RIKE YASUI CIOCHON		

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76298 S & E #307—7-55

76298 S & E #307—7-55

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F. B. 2160 Pg. 134 | Job No. 7059.02 | Division No. 10 | Notes Red. | Plotted | Profile
Survey of NEW HALL OF RECORDS | Date | No.
Survey by LANGAN NOTES RIKE | Notes Chkd. | Checked | X-Sec.
Indexed C. Johnson | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M.				29489	ELEV. = 294.891 F.B. 10693-14 CUT SPIKE B.M. IN W. CURB BROADWAY, 12' N. OF FIRST ST. (S. END C.B.)
	584	300 73			
S.S.M.H. ON FIRST ST. 1345'± E. OF ℄ BROADWAY					
RIM ELEV.			866	29207	18" INLET W'LY. RIM 29207
					DEPTH 1445
					27762
					DIAM. 150
18" INLET - W'LY. INVERT ELEV.				27612	ELEV. 27612
RIM ELEV.			868	29205	18" OUTLET E'LY. RIM 29205
					DEPTH 1447
					27758
					DIAM. 150
18" OUTLET - E'LY. INVERT ELEV.				27608	ELEV. 27608
S.S.M.H. ON BROADWAY 863'± N. OF FIRST ST.					
RIM ELEV.			585	29488	10" INLET N. RIM 29488
					DEPTH 1189
					28299
					DIAM. 083
10" INLET - N. INVERT ELEV.				28216	ELEV. 28216
RIM ELEV.			594	29479	10" OUTLET S. RIM 29479
					DEPTH 1186
					28293
					DIAM. 083
10" OUTLET - S. INVERT ELEV.				28210	ELEV. 28210
T. P.	1135	311 07	101	29972	T. P.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		311 07				
T. P.	10 25	321 11	0 21	310 86	T.P.	
T. P.	10 40	331 13	0.38	320 73	T.P.	
B.M. U.S.G.S.				327 33 (30)	ELEV. = 327.275 F.B. 10693-74 B.M. U.S.G.S. disc marked 37-34-26 in granite block on walk 4' S. of E. curb North Broadway 235' S. of center line Temple St. opp. N. end of granite block steps.	
	11 19	338 49				
T. P.	5 71	342 34	1 86	336 63	T.P.	
S. – S.	M.H. ON TEMPLE ST. AND N. BROADWAY (SEE PAGE 118 FOR LOCATION)					
	RIM ELEV.		3 93	338 41	10" OUTLET S. RIM	33841
					DEPTH	1216
						32625
					DIAM.	083
10" OUTLET-S. INVERT ELEV.				325 42	ELEV.	32542
					ELEV. = 339.209 F.B. 10693-74	
B.M. U.S.G. + G.S.			3 13	339 21	B.M. U.S.G. + G.S disc marked 338, placed in top of granite block water table on W. side of Hall of Justice 8' N. of S.W. cor.	

Profile Notes Red. ____ Plotted ____ Job No. 7059.02 Division No. 10 F. B. 2160 Pg. 135
No. ____ Date ____ Date ____ Survey of NEW HALL OF RECORDS
X-Sec. Notes Chkd. ____ Checked ____ Survey by LANIGAN Notes RIKE Date 4-14-58
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
C. Johnson

F. B. 2160 Pg. 136

Job No. 7059.02 Division No. 10 Notes Red. Plotted Profile

Survey of NEW HALL OF RECORDS. Date Date No.

Survey by LAVIGAN Notes RIKE Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76298 S & E #307—7-55

Profile No. | Notes Red. | Date | Plotted | Date | Job No. | Division No. | F. B. 2160 Pg. 137

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of | Survey by Curtis | Notes C. Johnson | Date May '58 | Map No. | Indexed | Date

JN

REFERENCE ELEV. for S.S. TEST HOLE

535' N.E. & Court St. on

BROADWAY on East Rail

~~(111.5' S.E. & BROADWAY)~~

Curtis
Mackey
Rodriguez
Latteri

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

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76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
USGS BM(Fd)				327.295'	BM EL 327.295' FB1069.3 - 7.1 USGS Disc Marked 37-54-26 in Granite Block 4' E. of E. Curb N. Broadway 235' S.E. Temple ST opposite N. end of Granite Block Steps	
Top of East Rail 550' N.E. of Court ST E on Broadway				319.50'	Exist Rail	
USGS BM(Fd)				327.295'	USGS BM EL 327.295' (See Above)	

F. B. 2160 Pg. 138 Job No. Division No. Notes Red. Plotted
Survey of Date No.
Survey by Curtis Notes Mackey VC Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.
Profile

Profile	Notes Red.	Plotted	Job No. 7059.02	Division No. 10	F. B. 2160 Pg. 139
No.	Date	Date	Survey of NEW HALL OF RECORDS		
X-Sec.	Notes Chkd.	Checked	Survey by LANIGAN	Notes RIKE	Date 6-4-58
No.	Date	Date	Map No.	Indexed A. C. Johnson	Date

J.N. 7059.02
NEW HALL OF RECORDS

LOCATION AND ELEVATION IN
M.H. 55'± N. OF ℄ COURT ST.
ON BROADWAY.

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

LANIGAN
RIKE
CIOCHON
VASUI

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F. B. 2160 Pg. 140 Job No. 70590 Division No. 10

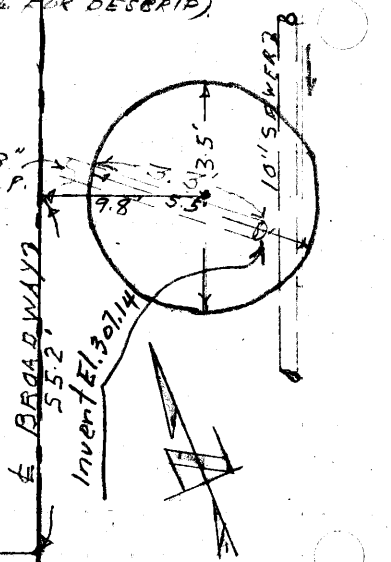
Survey of NEW HALL OF RECORDS Date Notes Red. Plotted

Survey by ZANIGAN Notes KIKE Notes Chkd. Checked

Indexed Date Date Date

Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	
					ELEV. = 327.296 F.B. 10693-74
B.M. U.S.G.S.		328 46		327 30	B.M. U.S.G.S. DISC MARKED 37-54-26 IN GRANITE BLOCK 4' E. OF E. CURB N. BOWY. 235' S. E TEMPLE ST., OPP. N. END GRANITE BLOCK STEPS.
	1 16		8 95	31951	
					S.S.M.H. S.E. END 8" INLET
					DEPTH 11.70
					R 00 8.95
					DIAM. 0.67
					21.32
INVERT S.E. END 8" PIPE			21 32	30714	INVERT S.E. END 8" PIPE
					ELEV. 327.279
B.M. U.S.G.S.			1 16	32730	B.M. U.S.G.S. (SEE ABOVE FOR DESCRIP)
					The 8" V.C.P slopes .0.04' in 3' = 1.33%



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Notes Ck'd by	Survey of ANIMAL SHELTER #3
Map No.	JN 7713.04 Tape Std °F
Office Work	Surveyed by E K LIND
Checked	Notes ACG Date 8-19-55
Date	Indexed G. Johnson 8-27-1955

F. B. 2160 Pg. 109

J N 7713.04

ANIMAL SHELTER #3

TOPOGRAPHY FOR S.S.D.

AUGUST 19, 1955

LIND
GUIZADO
HILL
FOLGAR
MATHER

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

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

76F3008 CE #247—3-57

F. B. 2160 Pg. ~~108~~ 142

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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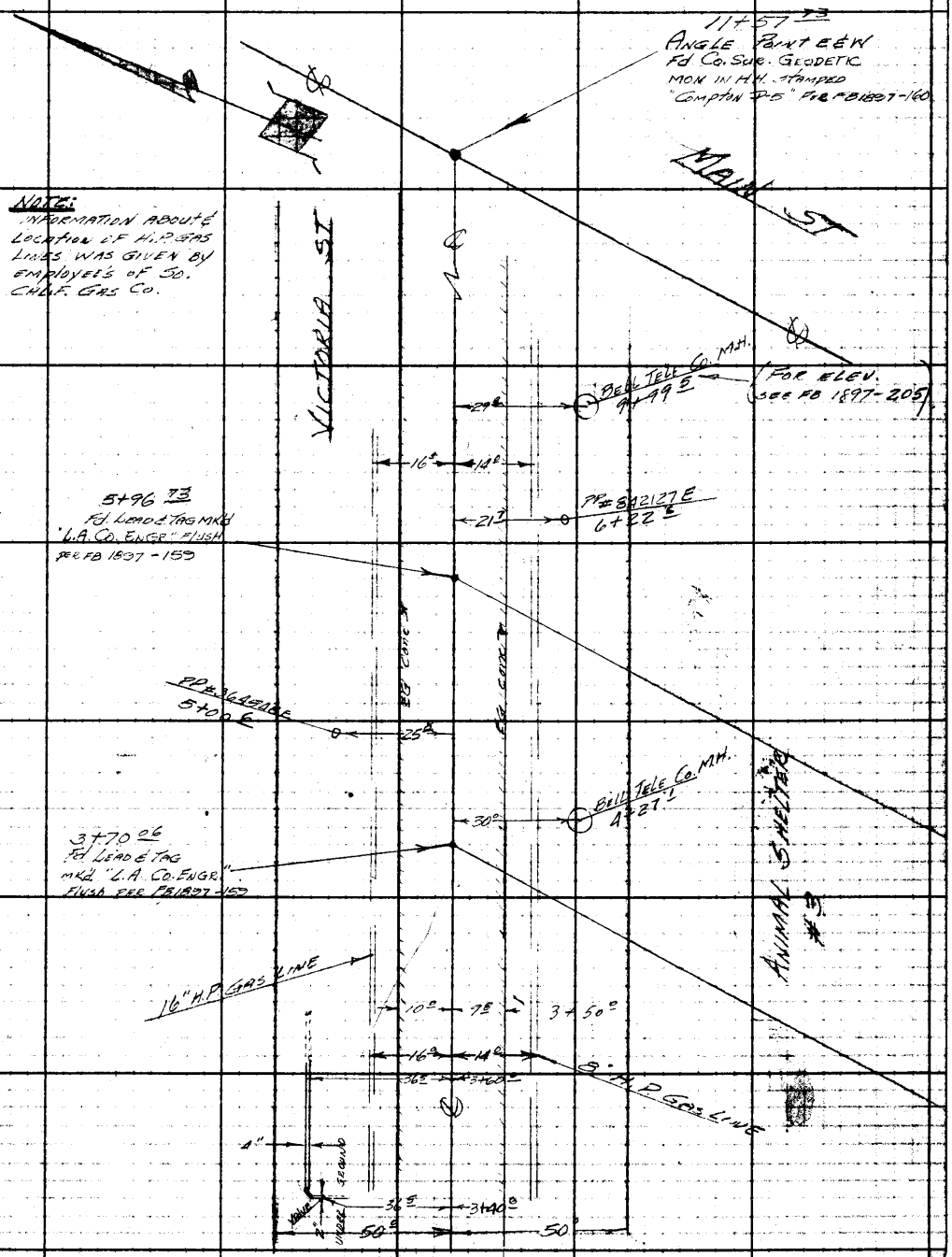
Notes Ck'd by	Survey of ANIMAL SHELTER #3
Map No.	JN 7713.04 Tape Std °F
Office Work	Surveyed by LND
Checked	Notes ACG Date 8-13-58
Date	Indexed E. C. Johnson

F. B. 2160 Pg. ~~109~~ 143



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76F3095 CE #247—3-57

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F. B. 2160 PG. 148

Profile No.	Notes Red.	Plotted	Job No. 7713.04	Division No. 10	F. B. 2160 Pg. 145
	Date	Date	Survey of ANIMAL SHELTER #3		
X-Sec. No.	Notes Chkd.	Checked	Survey by LIND	Notes A.J.J.	Date 8-17-58
	Date	Date	Map No.	Indexed E. C. Jones	Date

J.N. 7713.04

ANIMAL SHELTER #3

CROSS-SECTIONS FOR SSD

August 19, 1958

LIND
GUIZADO
HILL
FOUGERE
MATHER

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M.# 2	580	28 60		22 802	B.M.# 2, EL= 22.802, F.B. 1897-190 ON THE CENTER LINE OF VICTORIA ST. ± 270' EAST OF THE ℄ INTER. OF BROADWAY & VICTORIA ST. ✱ LEAD & TAG STAMPED, "L.A. Co ENGR." (FSUA)	
0+00 East			606	22 54	SEE PG. 106	℄ W. Victoria St.
			629	22 31		9.8 R Edge Pum't
			66	22 0		14.4 R F/L
			54	23 2		29.0 R Break
			55	23 1		50 R
			630	22 30	10° L Edge of Pum't	
			70	21 6	18° L F/L	
			62	22 4	21° L Break	
			60	22 6	50° L	
0+37.2			607	22 53		℄ W Victoria
			617	22 43		9.8 R Edge Pum't
			68	21 8		21.2 R F/L
			64	22 2		27.4 R Break
			67	21 9		50° R
0+40.2			608	22 52		℄ W Victoria
			650	22 10	15° L Edge Pum't	

F. B. 2160 Pg. 146 Job No. 77 Box Division No. 10 Notes Red. Plotted Profile
Survey of Animal Sheet #3 Date Date No.
Survey by Line Notes A.S.D. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		38 60				
			69	217	18° L	F/L
			57	229	31° L	Bldg C
			56	230	50° L	
0+59 C			608	2252		24° C EC. C.
0+89 E			648	2212		47° E
1+00 C EAST			611	2249	SEE pg ~~106~~ 142	& 18" W. Victoria
1+13 C			610	2250	55° L EC C	
1+20 E			601	2251	11° L	
1+41 C			701	2159		& W Victoria Hub F/L
1+43 E			650	2206	28° L.	S. S. DIST # 8 M. H. Av. Rim
						SUM. + MEAS + DIAM = F/L
			2366	4 74	20" INLET NORTH	6.54 + 15.45 + 1.67 = 23.66
			2333	5 27	15" (OUTLET?) STUB EAST	6.54 + 15.54 + 1.25 = 23.33
			2413	4 47	27" outlet South	6.54 + 15.34 + 2.25 = 24.13
1+50			680	2180		&
			687	2173		25° C Edge Pvmt
			69	217		17.6 F/L
			32	254		25° Brow C
			33	253		50°
			685	2175	10° L Edge Pvmt C	
			71	215	22° F/L	

Profile Notes Red____ Plotted____ Job No. 7733-4 Division No. 10 F. B. 2160 Pg. 142
No.____ Date____ Date____ Survey of Ellington Heights Tr. 3
X-Sec. Notes Chkd____ Checked____ Survey by Lund Notes 4C4 Date 6-19-58
No.____ Date____ Date____ Map No.____ Indexed K. C. Johnson Date

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		28 60				
			61	224	50 L	
1+58.7			662	2198		℄ W Vic
			671	2157		9.8 R ECR
			665	2195	10° L ECR	
1+83.5			601	2259		℄ W Victoria Ave
2+00.0			601	2259		℄ "
			600	2252		9.8 R Edge Pum 4
			67	219		19° R F/L
			37	249		23.3 R Break
			32	254		50° R
			613	2247	10° L Edge Pum 4	
			67	219	16.1 L F/L	
			45	241	26.5 L Break	
			41	245	50° L	
2+50			597	2263		℄ W Victoria Ave
			604	2256		9.8 R Edge Pum 4
			65	221		17° R F/L
			39	247		36.5 R Break
			36	250		50° R
			607	2253	10° L Edge Pum 4	

F. B. 2160 Pg. 148 Job No. 713.04 Division No. 10 Notes Red. Plotted Profile
Survey of ANIMAL SHELTER #3 Date Date No.
Survey by LINE Notes ACG Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		28 60				
			63	22 3	17² L F/L	
			35	25 1	35° L Break	
			44	24 2	50° L	
3+00			591	22 69		℄ W. Victoria Ave
			597	22 63		9⁸ R Edge Pvm't
			66	22 0		19³ R F/L
			52	23 4		21° R Top Break
			44	24 2		50° R
			597	22 63	10° L Edge Pvm't	
			64	22 2	17² L F/L	
			33	25 3	27³ L Break	
			45	24 1	50° L	
TP	4 77	27 50	587	22 73		
3+50			471	22 79		℄ W. Victoria St
			480	22 7		9⁸ R Edge Pvm't
			51	22 4		18⁷ R F/L
			38	23 7		21³ R Break
			34	24 1		50° R
			479	22 71	10° L Edge Pvm't	
			52	22 3	18° L F/L	

Profile Notes Red. ____ Plotted ____ Job No. 7713.04 Division No. 10 F. B. 2160 Pg. 149/46
No. ____ Date ____ Date ____ Survey of Animal Shelter #3
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes ACG Date 8-19-58
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
C. Johnson

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		27 50				
			20	25 5	28^{5} L Break	
			35	24 0	50° L	
4+00			463	22 87		℄ W. Victoria st
			471	22 79		9^{2} R. Edge Pum't
			50	22 5		18^{2} R F/L
			38	23 7		21^{3} R Break
			38	23 7		50° R
			470	22 80	10^{5} L Edge Pum't	
			50	22 5	18^{5} L F/L	
			21	25 4	28^{5} L Break	
			33	24 2	50° L	
4+27^{1}			404	23 46	Av. RIM TELE M.H.	30° R
			11 87	15 63	Bottom of chamber	
4+50			463	22 87		℄ W Victoria st
			467	22 83		9^{8} R Edge Pum't
			51	22 4		18^{2} R F/L
			39	23 6		21^{3} R Break
			40	23 5		50^{R}

F. B. 2160 Pg. 150/76 Job No. 7713.04 Division No. 10 Notes Red. Plotted Profile
Survey of Animal Shelter #3 Date Date No.
Survey by LIND Notes ACG Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		2750				
4+50			470	2280	10° L Edge Pvm't	
			48	227	18° L F/L	
			16	259	28° L Break	
			31	244	50° L	
5+00			454	2296		℄ W Victoria St.
			462	2288		9° R Edge Pvm't
			50	225		18° R F/L
			40	235		21° R Break
			40	235		50° R
			460	2290	10° L Edge Pvm't	
			49	226	18° L F/L	
			18	257	28° L Break	
			32	243	50° L	
5+50			441	2309		℄ W Victoria St
			450	2300		9° R Edge Pvm't
			50	225		18° R F/L
			38	237		21° R. Break
			37	238		50° R
			446	2304	10° L Edge Pvm't	
			46	229	18° L F/L	

Profile Notes Red. ____ Plotted ____ Job No. 77304 Division No. 10 F. B. 2160 Pg. 157
No. ____ Date ____ Date ____ Survey of ANIMAL SHELTER
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes RCG Date 8-19-58
No. ____ Date ____ Date ____ Map No. ____ Indexed E. C. Jolson Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		27 50				
			20	25 5	28.5 L Break	
			33	24 3	50.0 L	
6+00			440	23 10		℄ W Victoria St
			445	23 05		9.8 R Edge Pvm't
			47	22 8		18.2 R F/L
			38	23 7		21.3 R Break
			40	23 5		50.0 R
			447	23 03	10.0 L Edge Pvm't	
			47	22 8	18.2 L F/L	
			20	25 5	28.5 L Break	
			33	24 2	50.0 L	
6+50			435	23 15		℄ W. Victoria St
			441	23 09		9.8 R Edge Pvm't
			47	22 8		18.2 R F/L
			38	23 7		21.3 R Break
			36	23 9		50.0 R
			443	23 07	10.0 L Edge Pvm't	
			44	23 1	18.2 L F/L	
			17	25 8	28.5 L Brk.	
			26	24 9	50.0 L	
B.M. # 3			302	24 48	B.M. # 3 EL = 24.459, F.B. 1897-191	

F. B. 2160 Pg. 132 Job No. 7713.04 Division No. 10 Notes Red. Plotted Profile
Survey of ANIMAL SHELTER #3 Date Date No.
Survey by LIND Notes ACG Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

Notes Ck'd by	Survey of Rd. Dept Yard 105
Map No.	JN 0778.40 Tape Std °F
Office Work	Surveyed by Snyder
Checked	Notes PRS Date 9-2-58
Date	Indexed A. C. Johnson 9-11-58

F. B. 2160 Pg. 153

J.N. 0778.40
Los Angeles Co Rd. Dept Yard
#105

Location of S.S.M.H. &
Improvements on
TELEGRAPH RD
300' ± N.W. of TELECHRON AVE

Snyder
Harrington
Bankson
Spriggs

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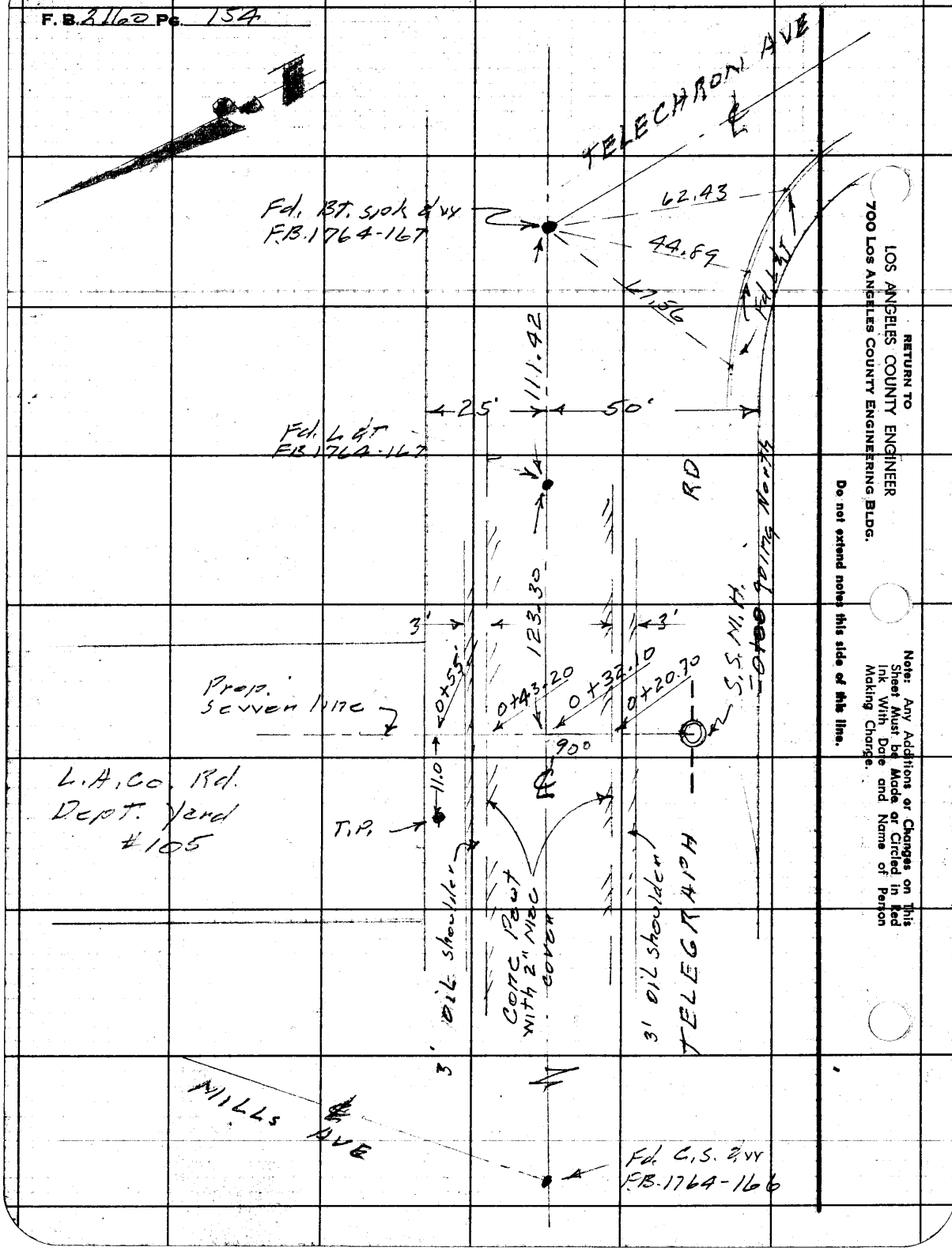
76F3098 CE #247—3-57

F. B. 2160 Pg. 154



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Profile	Notes Red.	Plotted	Job No. 0778.40	Division No. 10	F. B. 2160 Pg. 155
No.	Date	Date	Survey of L.A. Co Yard #105		
X-Sec.	Notes Chkd.	Checked	Survey by Snyder	Notes PBS	Date 9-2-58
No.	Date	Date	Map No.	Indexed C. Johnson	Date

J.N. 0778.40.
Los Angeles Co. Rd. Dept. Yard #105
Invert Elev. of S.S. M.H. & "X" Section from M.H. To North side of ST.
M.H. 300' I N.W. of Telechron Ave

Snyder
Harrington
Bankson
Spriggs

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Left	
B.M. W.Z. 212A				16263	B.M. 212A EL. 162.632 F.B. 1925-155 Telegraph Rd & Telechron Ave S.W. cor. BT. SPK in cb 5' W. of W. end C.R.	
0+00	M.H.			16380	R.I.M. of S.S. M.H.	Pg. 154
10" inlet N.W.		163.80 28.89 134.91		13491	MEAS 28.06 DIA 83 28.89	MEAS 28.06 DIA 83 28.89
				13491		
10" outlet S.E.						
0+00				1639		10' R S.
				1638	10' L N.	
0+20.7				1635		⊼ Ed Pav't
✓				1636		10' R S.
✓				1633	10' L N.	
0+32.10	℄ ST.			1637	INT. Prop S.S. &	℄ Telegraph Rd.
✓				1637		10' R.
✓				1636	10' L	
0+43.20				1633		⊼
✓				1633		10' R.
✓				1632	10' L	
0+55				1632		⊼ Top Bk
✓				1633		10' R

F. B. 2160 Pg. 156 Job No. 0776.40 Division No. 10 Notes Red Plotted Profile
Survey of L.A. Co Rd. Dept Yzad #105 Date Date No. X-Sec.
Survey by Snyder Notes P.R.S. Notes Chkd Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Left & N	Right & S
0+55				1631	10' L	
0+76				1583		⊼ Bot Bank
✓				1587		50' R. Bot
✓				1585	50' Bot	
2+00				1574		⊼ Prod.
3+00				1564		⊼ ✓
T.P.				16001	T.P.	
Fd. B.M. W.Z. 176				15524	B.M. W.Z. 176 EL. Mills Ave & Telegraph Rd N.E. cor. CUT spk center cb ret. No Ref in field	F.B.
T.P.				16123	T.P.	
B.M. W.Z. 212A				16263	B.M. 212A EL. 162.63 F.B. 1925-155	

Note
BM. WZ. 175 F.B. 1925-155 – destroyed

Profile Notes Red. ____ Plotted ____ Job No. 8778.4 Division No. 16 F.B. 2160 Pg. 157
No. ____ Date ____ Date ____ Survey of L.A. Co Rd. Dept Yard 105
X-Sec. Notes Chkd. ____ Checked ____ Survey by Snyder Notes PRS Date 9-2-58
No. ____ Date ____ Date ____ Map No. ____ Index No. C. Johnson

F. B. 2160 Pg. 158

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

Profile	Notes Red.	Plotted	Job No. 6220.00	Division No. 10	F. B. 2160	Pg. 139
No.	Date	Date	Survey of Los Cerritos S.D.			
X-Sec.	Notes Chkd.	Checked	Survey by D. Sappell	Notes D.S.	Date 8-18-58	
No.	Date	Date	Map No.	Indexed A. C. Johnson	Date 8-21-58	

J.N. 6220.00

LOS CERRITOS STORM DRAIN

INV. EL. OF S.M.H.'s on Park Ave at int of Clark Ave & E. & W. of Clark Ave.

Inv. El. of S.M.H.'s on Ramona Ave & Clark Ave & E. & W. of Clark Ave

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

Partr: Sappell
Shoemaker
Caro
Lieber

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76298 S & E #307—7-55

76298 S & E #307—7-55

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F. B. 2160 Pg. 160 Job No. 6220.00 Division No. 10 Profile No.
Survey of Los Cerritos S.D. Notes Red. Plotted X-Sec. No.
Survey by D. Farrell Notes D.S. Date Notes Chkd. Checked
Indexed L. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
Bm KN 209				63 79	Bm KN 209 El 63.791, F.B. 1911-38 Clark Ave & Park Ave N.E. cor. 7° N. of N. end C.R. Bt. spk in cb.	
	4 41	68 20				
T.P.			496	63 24	T.P.	
	499	68 23				
S.M.H. #1 (Park Ave 374'± E. of ℄ Clark Ave)			4 19	64 0±	S. Rim S.M.H.	
					R + M. + D = Rod	
			1702	51 21	Inv. El. 60" R.C.P. 4.19 + 7.83 + 5.00 = 17.02	
					El. taken at ctr. of chamber.	
					Note: current very swift inv. may vary ± 0.10	
T.P.			491	63 32	T.P.	
	476	68 08				
S.M.H. #2 (Int Park Ave & Clark Ave)			451	63 57	W. Rim S.M.H.	
			450	63 58	N Rim "	
	(ctr. of chamber)		1706	51 02		Rim + M + D = Rod
					Inv. El. 60" R.C.P. 4.50 + 7.56 + 5.00 =	17.06
			1677	51 31	" " 24" inlet No. 4 451 + 10.26 + 2.00 =	16.77
					Note: current very swift inv. may vary ±0.10	
T.P.			465	63 43	T.P.	
	491	68 34				
T.P.			502	63 32	T.P.	

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	4 64	67 96		63 32	T.P.	
SMH #3 (Park Ave - 685'± W. of ℄ Clark Ave)			4 52	63 44	E. Rim S.M.H.	
			4 53	63 43	W " "	
						Rim + M + D = Rod
			17 15	50 81	Inv. el 60" R.C.P.	4.52 + 7.63 + 5.00 = 17.15
					(El. taken at ctr. of chamber) current very swift inv. may vary ±0.10	
T.P.			4 83	63 13	T.P.	
	5 27	68 40				
BM KN 209			4 59	63 81	B.M. KN 209 El. 63.791	F.B. 1911-38 see pg
					102 for description.	
BM KN 208				61 17	BM KN 208, El. 61.168,	F.B. 1911-37 Clark Ave
	5 17	66 34			℄ Ramona Ave. - N.E.	Cor. - 5° N. of N. end
					C.R. - Bt spk in cb	
T.P.			3 90	62 44	T.P.	
	5 04	67 48				
SMH. #4 (Ramona Ave. 367'± E. of ℄ Clark Ave)			4 75	62 73	E. Rim.	
			4 70	62 78	W. "	R. + M. + D = Rod
			18 36	49 12	Inv. El. 21" inlet E.	4.75 + 11.86 + 1.75 = 18.36
			18 28	49 20	" " 21" outlet W.	4.70 + 11.83 + 1.75 = 18.28

Profile Notes Red. ____ Plotted ____ Job No. 6220.00 Division No. 10 F.B. 2160 Pg. 161 ~~163~~
No. ____ Date ____ Date ____ Survey of Los Cerritos S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by D. Sappell Notes D.S. Date 8-18-58
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

76298 S & E #307—7-55

PLEASE RETURN TO
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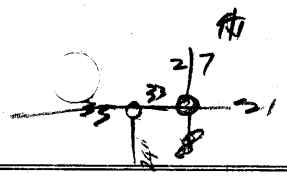
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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



Do not extend notes this side of this line.

F. B. 2160 Pg. 162 | Job No. 6220.00 Division No. 10 | Profile
Survey of Los Cerritos S.D. | Plotted | No.
Survey by L. G. Johnson Notes D.S. | Notes Red. | Date | X-Sec. No.
Indexed | Notes Chkd. | Date | Checked | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		67 48				
T.P.			5 02	62 46	T.P.	
	3 90	66 26				
SMH #5 (Clark Ave & Ramona)			5 21	61 05	N. Rim	
			5 21	61 05	S. "	
			5 20	61 06	E. "	M.H. Recheck 8-26-58 NJ
			5 22	61 04	W. "	R + M + D = Rod
			16 08	50 18	Inv. in 8" inlet S.	5.21 + 10.20 + 0.67 = 16.08
			17 86	48 40	" " 30" " N.	5.21 + 10.15 + 2.50 = 17.86
			17 27	48 99	" " 21" " E.	5.20 + 10.32 + 1.75 = 17.27
			18 25	48 01	" " 36" outlet W.	5.22 + 10.03 + 3.00 = 18.25
SMH #6 (Clark Ave & 10' W. of	Ramona Clark Ave)		5 31	60 95	E. Rim	
			5 34	60 92	W. "	
			5 32	60 94	S. "	R + M + D = R.
			18 27	47 99	Inv. in 36" inlet E.	5.31 + 9.96 + 3.00 = 18.27
			17 64	48 62	" " 24" " S.	5.32 + 10.32 + 2.00 = 17.64
			18 24	48 02	" " 36" outlet W.	5.34 + 9.90 + 3.00 = 18.24
T.P.			4 21	62 05	T.P.	
	3 60	65 65				

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		65 65				
S.MH #7			4 43	61 22	E. Rim	
Ramona Ave. 346.5± W. of ℄ Clark Ave.			4 41	61 24	W. "	R + M. + D = Rod
			17 81	47 84	Inv. El. 36" inlet E.	4.43 + 10.38 + 3.00 = 17.81
			17 80	47 85	" " " outlet W.	4.41 + 10.39 + 3.00 = 17.80
B.M. KN 208			4 48	61 17	B.M. KN 208 El. 61.168	F.B. 1911-37
					Description pg	103

Profile Notes Red. ____ Plotted ____ Job No. 6220.00 Division No. 10 F. B. 2160 Pg. 169 ~~165~~
No. ____ Date ____ Date ____ Survey of Los Cerritos S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by D. Sappell Notes D.S. Date 8-18-58
No. ____ Date ____ Date ____ Map No. ____ Indexed E. G. Johnson Date ____

F. B. 2160 Pg. 164

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76298 S & E #307—7.55

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

Survey of PARAMOUNT PARK
JN 0867.17 Tape 0188 Std. 68 °F
Surveyed by U.J. LANIGAN.
Notes U.J.L. Date 8-7-59
Indexed C. Johnson AUG 17 '59

F. B. 2160 Pg. 165

4

J.N. 086X.17

PARAMOUNT PARK

SURVEY FOR PROP. SEWER

LANIGAN
RIHE
RODRIGUEZ
DOVER

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RETURN TO
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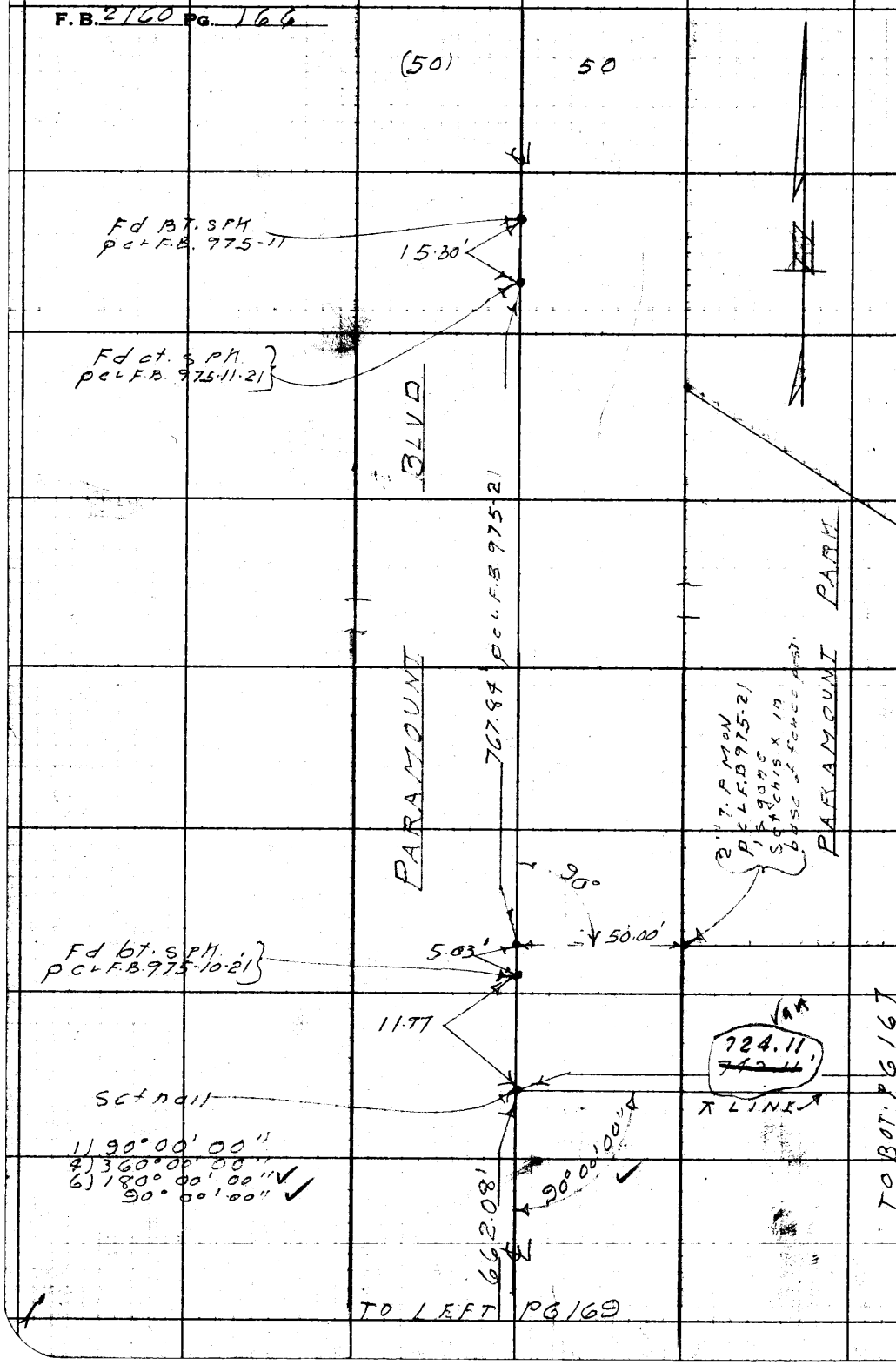
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F.B. 2160 PG. 166



W.S 32

C-4

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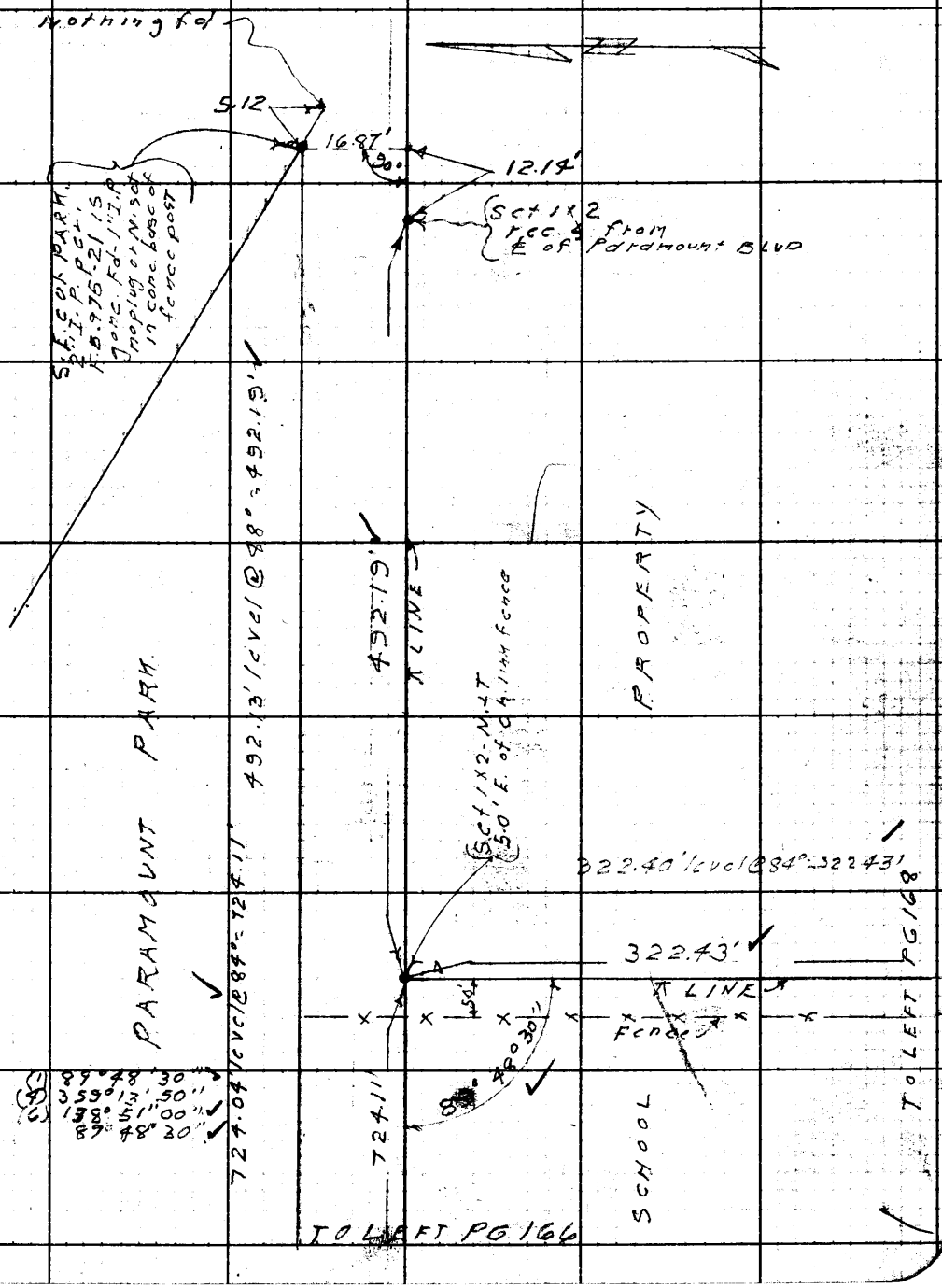
Notes Ck'd by Miller	Survey of PARAMOUNT PARK	F. B. 2160 Pg. 167
Map No.	JN 0867.19 Tape 0188 Std 68 °F	
Office Work	Surveyed by J. J. LANIGAN	
Checked	Notes J. J. L. Date 8-7-59	
Date	Indexed C. Johnson	

W.S 32 D-4



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763098 CE #247—7-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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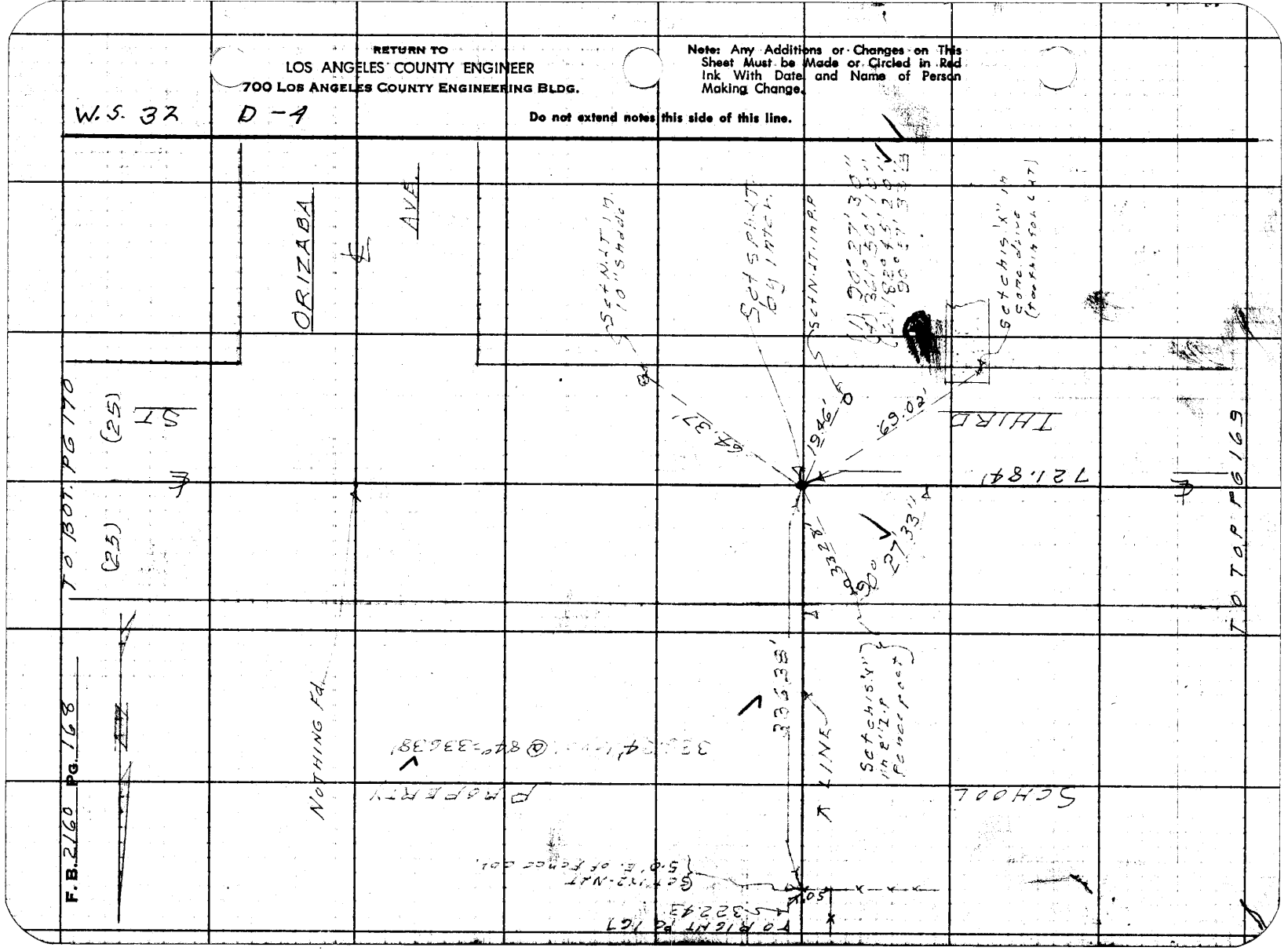
W.S. 32

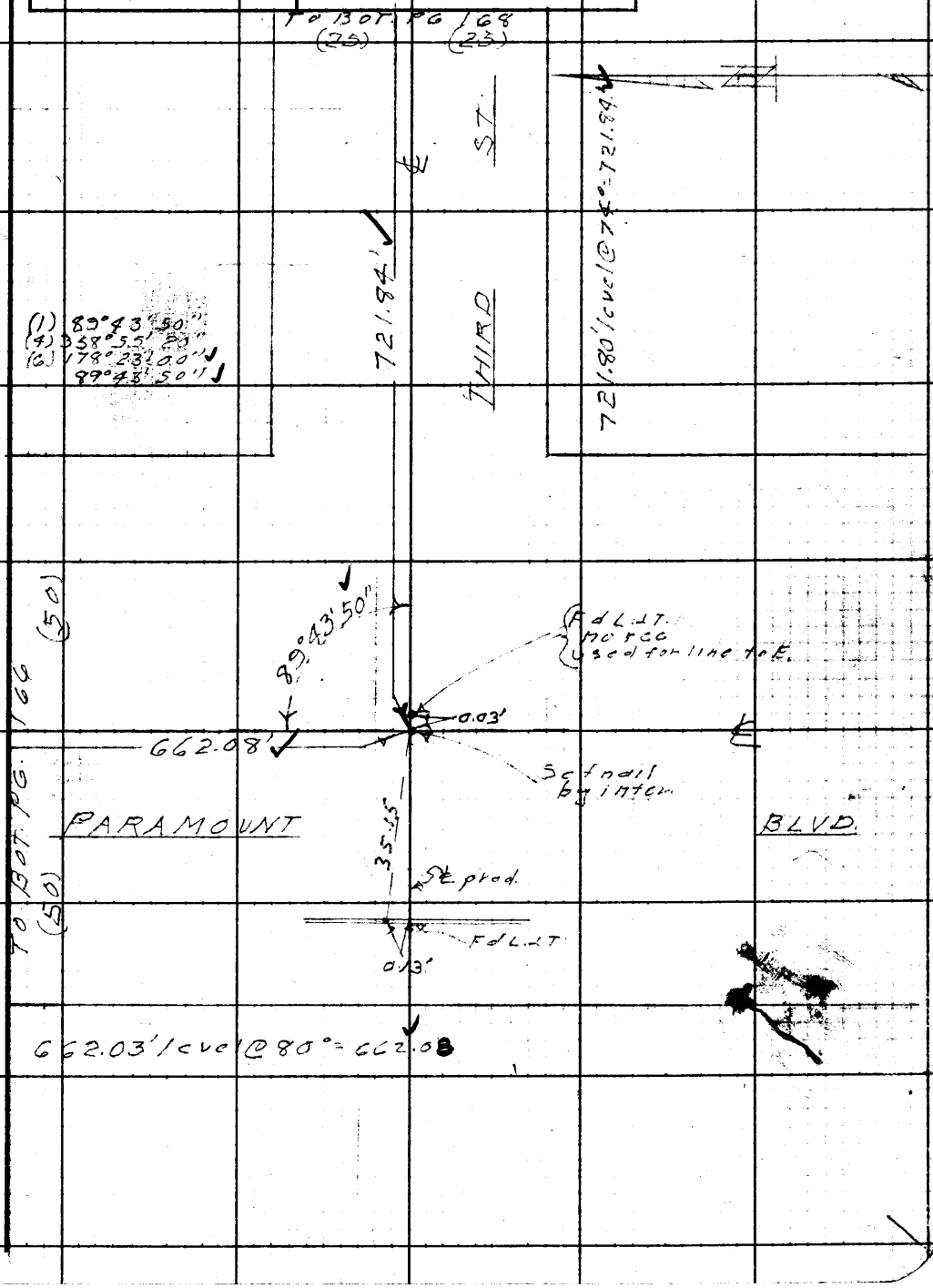
D-9



Notes Ck'd by Miller	Survey of PARAMOUNT PARK
Map No.	JN 0867.17 Tape 0188 Std 68 °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 8-10-59
Date	Indexed C. Johnson

F. B. 2160 PG. 169

W.S. 32 C-4



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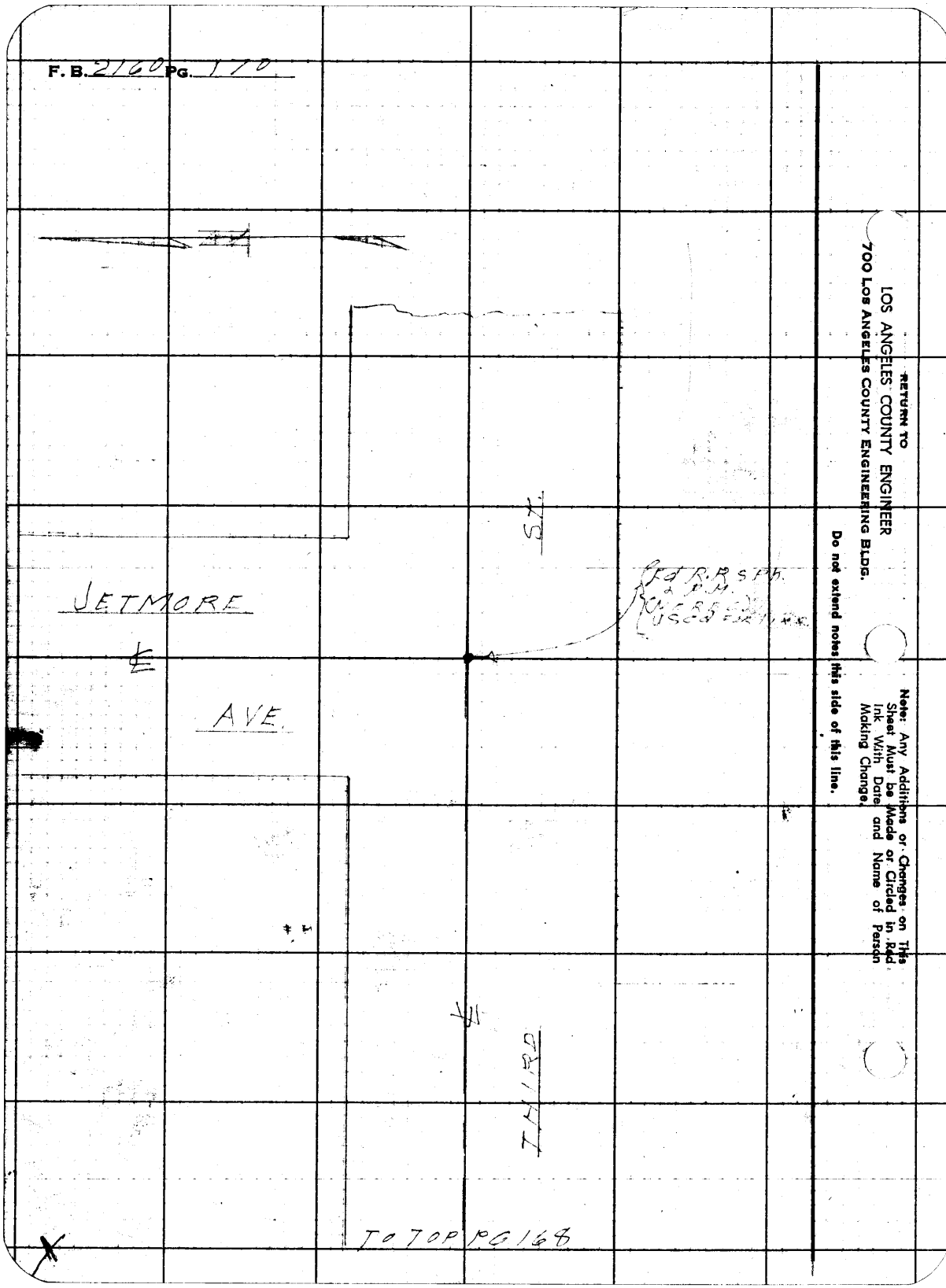
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2160 PG. 170



RETURN TO
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Notes Ck'd by	Survey of PARAMOUNT PARK
Map No.	JN 0867-17 Tape Std °F
Office Work	Surveyed by J.J. LANIGAN.
Checked	Notes J.J.L. Date 8-14-59
Date	Indexed C. Johnson

AUG 17 '59

F. B. 2166 Pg. 171

4

J.N. 0867-17

PARAMOUNT PARK

PROP. SEWER R/W.

FROM

THIRD ST TO PARAMOUNT PARK.

LOCATION OF IMPROVEMENTS

LANIGAN

RIHE

RODRIGUEZ

DOVER

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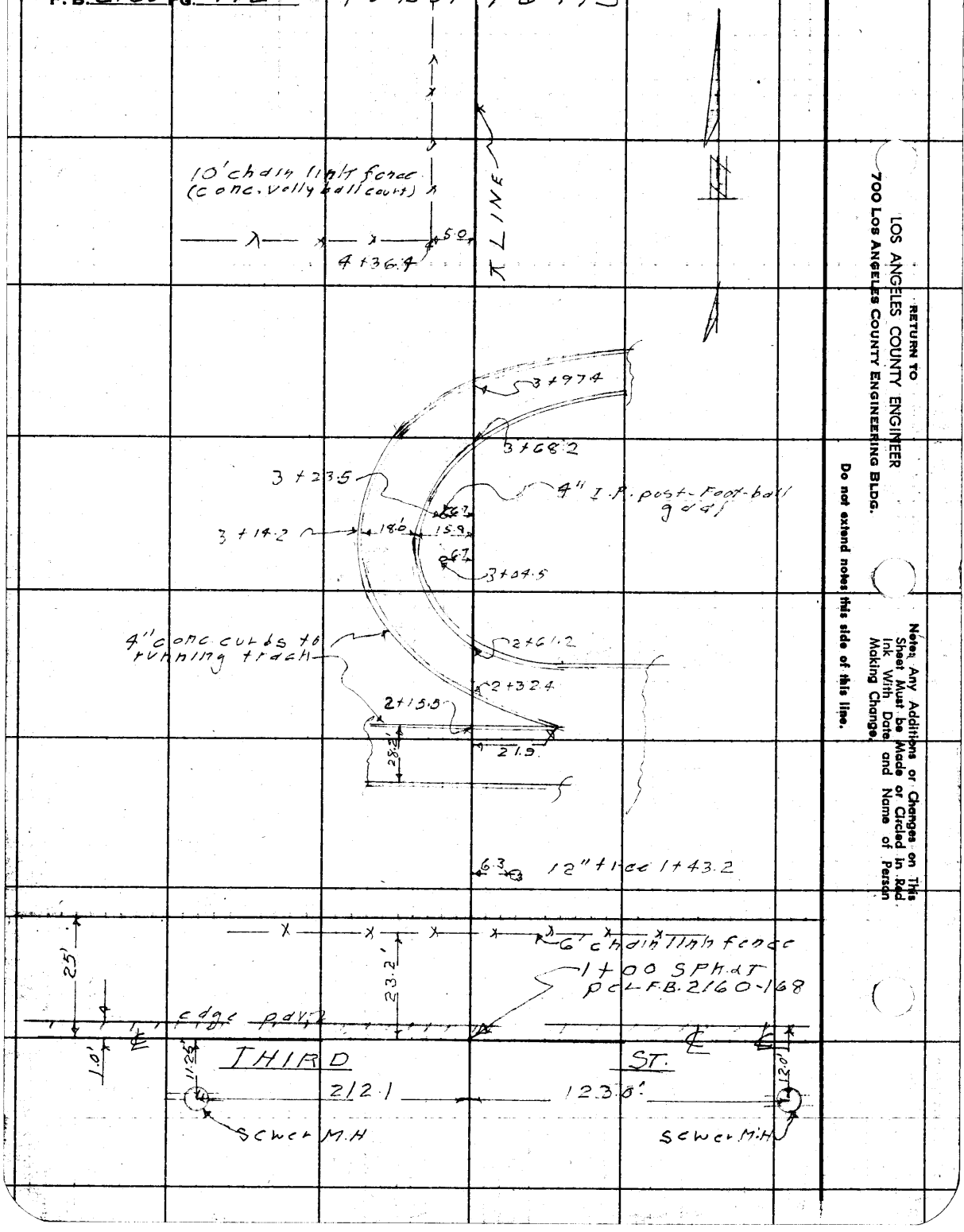
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2160 PG. 172

TO B OF PG 173



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700 Los Angeles County Engineering Bldg.

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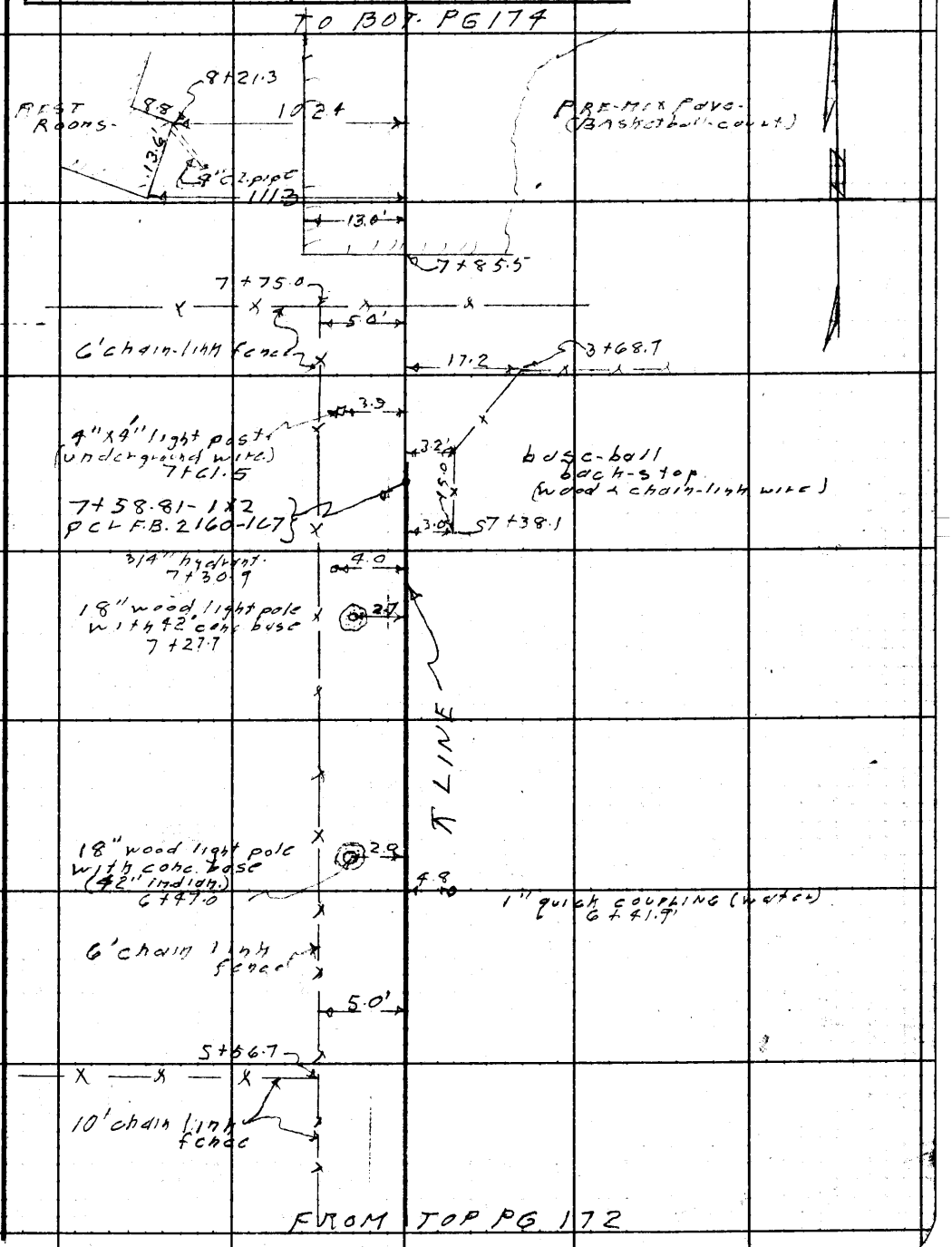
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of PARAMOUNT PARM.
Map No.	JN 0867.17 Tape Std °F
Office Work	Surveyed by J.J. LANIGAN.
Checked	Notes J.J.L. Date 8-14-59
Date	Indexed [redacted] C. Johnson

F. B. 2160 PG. 173



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100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2160 PG. 174

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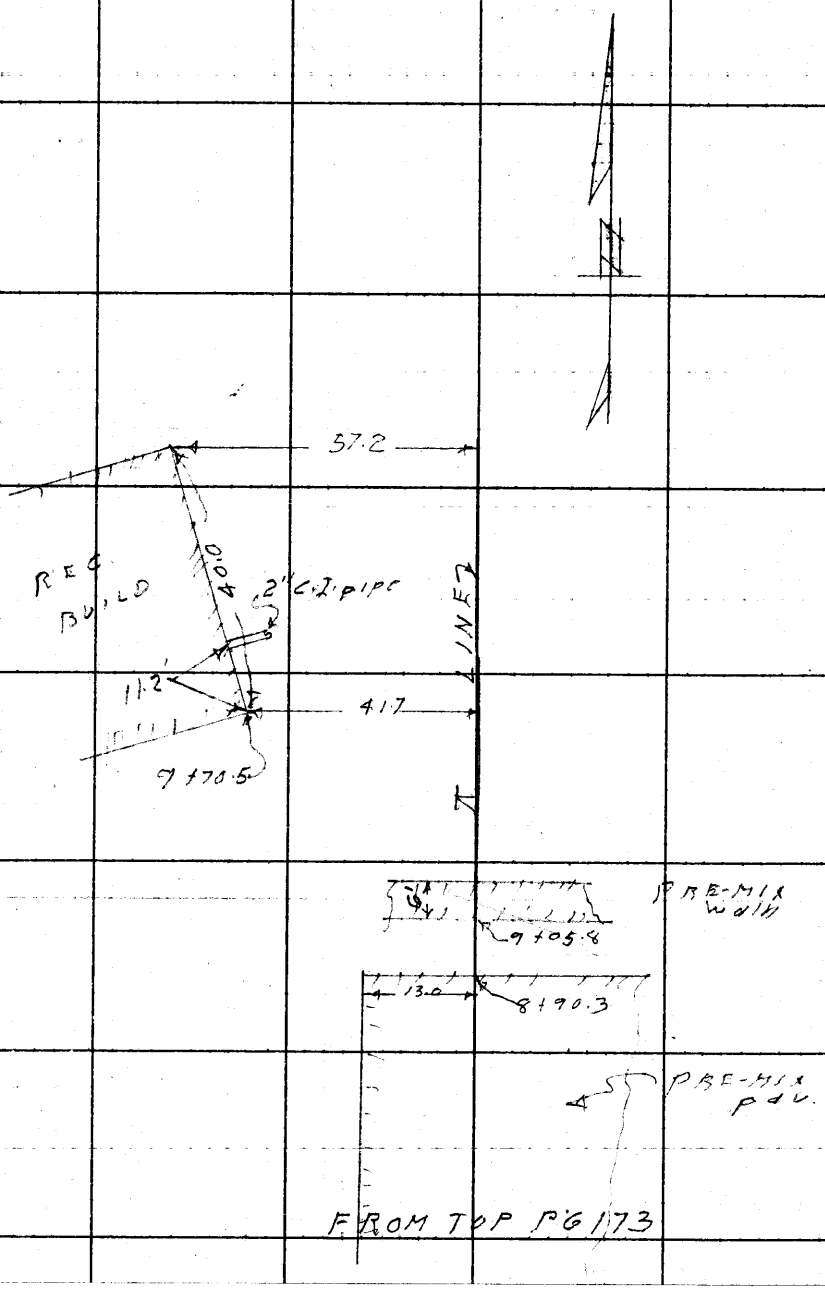

Profile	Notes Red.	Plotted	Job No. 0867.17	Division No. 10	F. B. 2160 Pg. 175
No.	Date	Date	Survey of PARAMOUNT PARK		
X-Sec.	Notes Chkd.	Checked	Survey by LANIGAN	Notes RIKE	Date 8-14-59
No.	Date	Date	Map No.	Indexed K. C. Job Patch	AUG 17 59

J.N. 086~~X~~4.17
PARAMOUNT PARK

PROP. SEWER R/W
FROM
THIRD ST. TO PARAMOUNT PARK

PROFILE OF PROP. SEWER LINE.

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

LANIGAN
RIKE
RODRIGUEZ
DOVER.

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76298 S & E #307—7-55

76298 S & E #307—7-55

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F. B. 2100 Pg. 176 | Job No. 286 XII Division No. 10 | Notes Red. | Plotted | Profile
Survey of PARAMOUNT PARK | Date | No. | X-Sec.
Survey by LANGAN Notes PIKE | Notes Chkd. | Checked
Indexed C. Johnson Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	℄	LINE
					ELEV = 74.98	I.B. 411.63-600'± E.
B.M. #C-83				74.98	B.M. #C-83 OF L.A. CO. PIKE MONUMENT KNOLL ON S. SIDE OF [illegible], CUT "X" ON E. END OF E. END. WALL, 70'± E. OF ℄ OF PIONEER BLVD. ℄ 9048 ℄ #271	
					S.E. MH, 8" INLET-E, RIM	74.21
					DEPTH	8.11
						66.03
					DIAM.	24"
8" OUTLET-E.		M.H. TO EAST		65.96	8" OUTLET-E. ELEV.	65.96
					8" OUTLET-W. RIM	74.90
					DEPTH	8.38
					DIAM.	66.52
						8.27
8" OUTLET-W.		" " "		65.25	8" OUTLET-W. ELEV.	65.25
					8" INLET-E.W. RIM	75.10
					DEPTH	[illegible]
						67.53
					DIAM.	8.47
8" INLET-E.W.		M.H. TO WEST		66.86	8" INLET-E.W. ELEV.	66.86
					8" OUTLET-W. RIM	75.07
					DEPTH	[illegible]
						67.43
					DIAM.	8.47
8" OUTLET-W.		" " "		66.79	8" OUTLET-W. ELEV.	66.79
					℄	LINE
0+92				[illegible]		" ℄ CTR. PAVT.
1+01				75.0	"	"
1+14				74.7	"	"
1+23				75.2	"	" ℄ DWY.
1+87				75.4	"	" ℄ TOP CURB
"				75.1	"	" ℄ BOT. GR.
2+00				75.0	"	"

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	⊼	LINE (CONT.)
					⊼	LINE
2+15				75 0	"	" + BOT. GR.
" "				75 13	"	" + TOP CURB
2+32				75 22	"	" + " "
" "				75 0	"	" + BOT. GR.
2+61				75 0	"	" + " "
" "				75 16	"	" + TOP CURB
3 ± 00	T.P.			74 96	T.P.	
3+ 66				75 14	"	" + TOP CURB
" "				75 0	"	" + BOT. GR.
3+97				75 1	"	" + " "
" "				75 36	"	" + TOP CURB
4+00				75 3	"	"
5+00				75 2	"	"
6+00				75 2	"	"
T. P.				76 05	T.P.	"
7+00				75 3	"	"
7+58.8				75 8	"	"
7+75				76 0	"	"
7+85				76 2	"	"
T. P.				76 60	T.P.	

Profile Notes Red. ____ Plotted ____ Job No. 08617 Division No. 10 F. B. 22160 Pg. 177
No. ____ Date ____ Date ____ Survey of PARAMOUNT PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by LANGAN Notes RINE Date 8-11-57
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	⊼	LINE (CONT.)
8+00				76 2	⊼	LINE + MAC. PAVT.
8+21				76 4	102.4' GR. OVER 4" C.I.P.	PARK OFFICE BLDG.
"				[illegible]	" TOP 4" C.I.P.	" " "
[illegible]				[illegible]	⊼	LINE
[illegible]				[illegible]	"	"
[illegible]+92±				76 5	43± GR. [illegible] C.I.P.	
" "				[illegible]	" [illegible]	
T.P.				76 5	T.P.	
B.M. #3				76 12	B.M. #3 + ROSE CRANS - 1st TRANS. TOWER - EAST CHIS. 2 Notches on NUT, S.E. COR. TOWER #92 CHIS. (B.M. #3) → above on Angle iron. ELEV. = 76.09 F.B. 9[illegible]5-19 PARAMOUNT BLVD	

F. B. 2160 Pg. 178 Job No. 086 9/17 Division No. 10 Notes Red. Plotted Profile
Survey of PARAMOUNT PARK Date Date No.
Survey by LANIGAN Notes RIKE Notes Chkd. Checked X-Sec.
Indexed L. C. Johnson Date Date Date No.

NOTES RED. _____ JOB NO 0432.00 SURVEY OF Sanitation Investigation F. B. 2160 PG. 179

DATE _____ SURVEY BY Snyder

NOTES CHKD. _____ NOTES BY IPRS DATE 4-15-60

DATE _____ INDEXED ~~K~~ C Johnson DATE 4-26-60

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

76B420 S & E-353 4-54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
					Snyder Carrasco Rangel Moya	JN 0432.00 SANITATION INVESTIGATION. BENCH LEVELS for YARROW ST S.S. DIST.

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
WM622	324.997					WM622 EL. 324.997. F.B. 1412-226
+	2194		2130			Blevett St & San Gabriel Blvd.
⊼	327.191	-7.545	7547			N. W. COR. - BT. Spk in cb 10' W of E. end
−	9739		9677			
T.P.#1	317.452					
+	0398		0.312			
⊼	317.850	-10.345	10.346			
−	10.743		10658			
T.P.#2	307.107					
+	0489		0426			
⊼	307.596	-11.110	11.107			
−	11599		11533			
T.P.#3	295.997					
+	0172		0118			
⊼	296.169	-11.427	11.429			
−	11599		11547			
T.P.#3	284.570					
+	0543		0506			
⊼	285.113	-11.109	11.109			
−	11652		11615			
T.P.#4	273.461					
+	0.161		0116			
⊼	273.622	-11.542	11.542			
−	11703		11658			
T.P.#5	261.919					
+	1982		1900			
⊼	263.901	-4.065	4.066			T.B.M. Sierra Bonita Ave &
SET −	6047		5966			Reynolds Ave S. W. COR.
T.B.M.	257.854					BT. spk in cb 5' W. of W. end of C.R.

JOB NO. 0432.00 SURVEY OF Sanitation Invest. NOTES RED
SURVEY BY Snyder DATE
NOTES BY PJS DATE 4-15-60 NOTES CHKD
INDEXED C. Johnson DATE DATE

F.B. 2160 PG. 180

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B. Ni.	257.854					Per Pg 180
+	8031		7961			
π	265.885	+7.648	7.645			
−	0383		0316			
T.P. #6	265.502					
+	11.922		11985			
π	277424	+11.892	11.894			
−	0030		0091			
T.P. #7	277.394					
+	12121		12022			
π	289.515	+11.791	11.790			
−	0330		0232			
T.P. #8	289.185					
+	11403		11332			
π	300.588	+9.895	9.895			
−	1508		1437			
T.P. #9	299.080					
+	10786		10737			
π	309.866	+8.036	8.036			
−	2750		2701			
Fd. W.Ni.549	307.116					W.Ni. 549 EL. 307.118 FB.1412-226 San Gabriel Blvd & Sierra Bonita Ave - N.E. COR - BT. spk in curb 2' E of E. end of C.R.

NOTES RED ____ JOB NO. 0432-00 SURVEY OR Sanitation Invest
DATE ____ SURVEY BY Snyder
NOTES CHKD. ____ NOTES BY PRS DATE 4-15-60
DATE ____ INDEXED X C. Johnson DATE ____

F.B. 2160 Pg. 181

F. B. ~~2106~~ 2160 PG. 182

JOB NO. ____ SURVEY OF ____ NOTES RED. ____

SURVEY BY ____ DATE ____

NOTES BY ____ DATE ____ NOTES CHKD. ____

INDEXED ____ DATE ____ DATE ____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

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

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

76S420 S & E-353 4-54

PWFB 1326 2244, 2245, 2246, 2247

Notes Ck'd by	Survey of Sanitation Invest.
Map No.	JN 0432.00 Tape 0144 Std 68 °F
Office Work	Surveyed by Snyder
Checked	Notes PRS Date 4-15-60
Date	Indexed C. Johnson 4-26-60

F. B. 1106 PG. 183

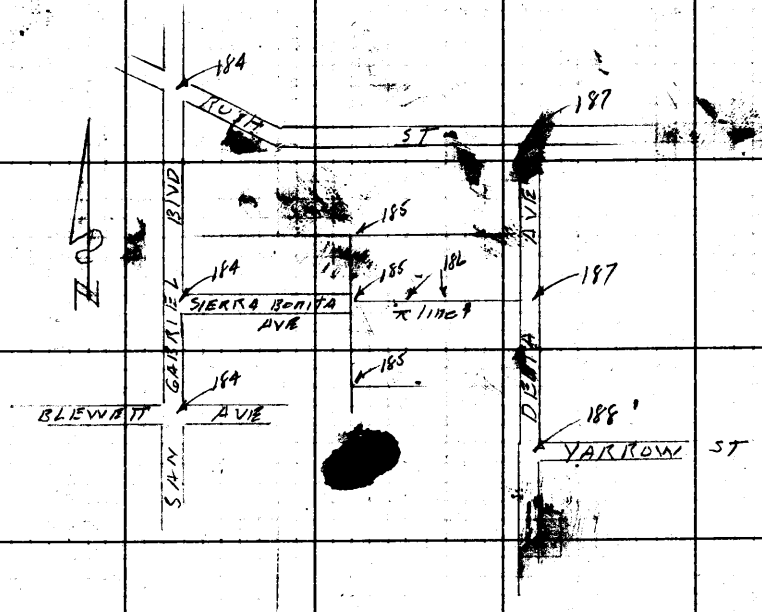
J.N. 0432.00

SANITATION INVESTIGATION

for

YARROW ST S.S. DIST.

Snyder
Carrasco
Rangel
Moya



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 ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1326

2248, 2249

F. B. 2160 PG. 184

W.S. 36-D-1

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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4 PT. Fd. C.S. Nom in H.H. F.B. 1713-7

RUSH ST.

BLVD

SAN GABRIEL

BLEWETT

SIERRA BONITA AVE

PVT ST.

ST

Fd. BT. Spk W. of T. F.B. 1713-42

Fd. C.S. Nom in H.H. F.B. 1713-41

1 - 90-01-40
4 - 360-06-5=
6 - 18-00-10
90-01-40

8" Tape
143.18 T 74° = 143.19

90° 01' 40"

Fd. L&T

Fd. BT. Spk

Fd. L&T

44.52

58.01

72.46

15.0

15.0

77.65

44.52

Fd. L&T

143.19

515.79

P.O.T. Set BT. Spk W. of T.

329.57 per F.B. 1713-42

Fd. C.S. Nom in H.H. F.B. 1713-41

0.46

68' Tape

69.60 @ 00 = 69.60
(91.81 @ 2-37½) 91.71
91.87 @ 3-23½) 91.71
161.31 T 74° = 161.32

84' Tape

299.10 @ 6-25 = 297.23
296.92 @ 7-05 = 297.14
57.26 @ 0 0 = 57.26
354.49 T 76° = 354.47

515.79 Cont. Left

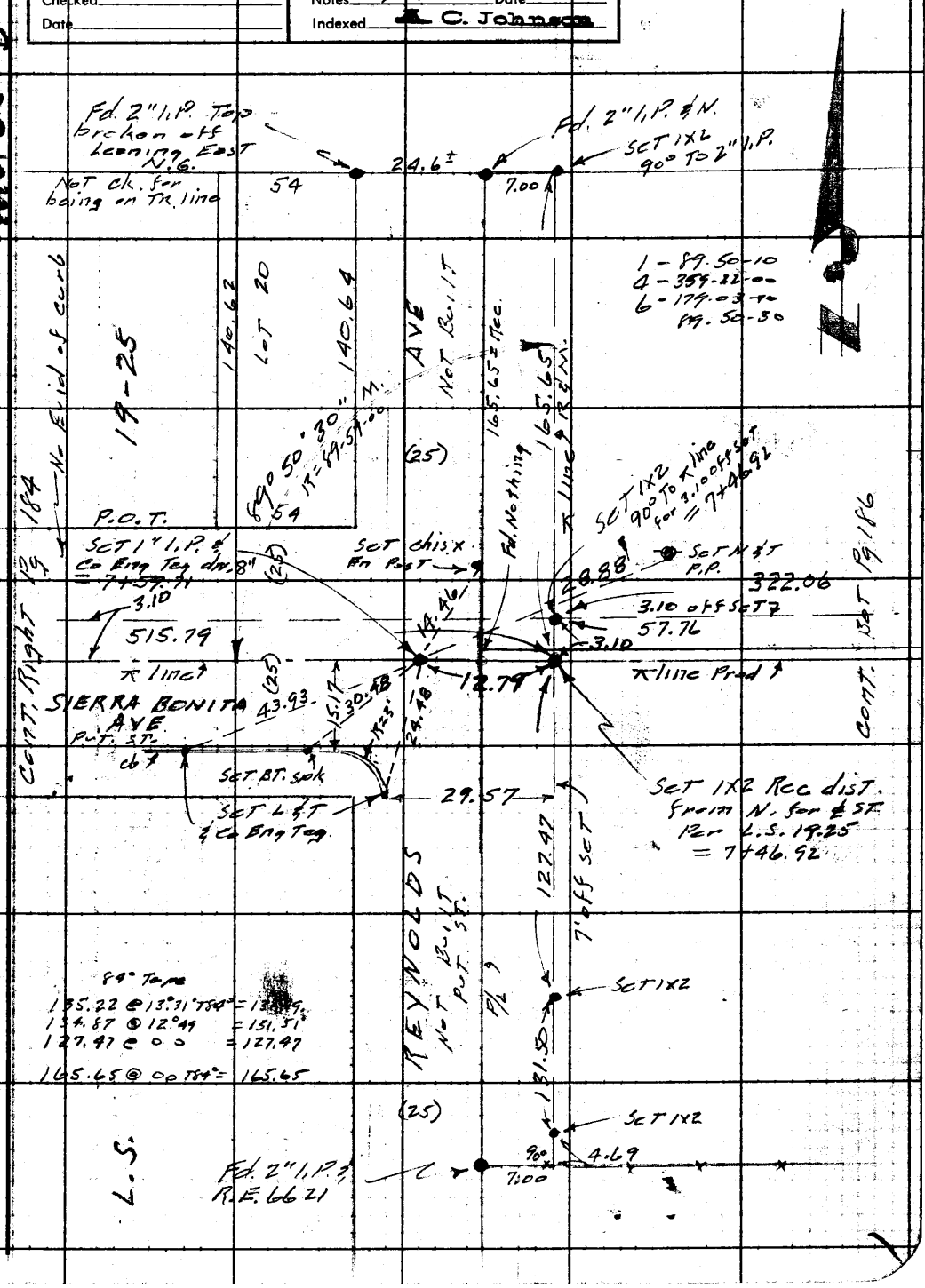
185

19

PWFB 1326 2250

Notes Ck'd by	Survey of Sanitation Invest.
Map No.	JN 0432.00 Tape 0144 Std 68 °F
Office Work	Surveyed by Snyder
Checked	Notes PRS Date 4-20-60
Date	Indexed C. Johnson

F. B. ~~2106~~ 2160 Pg. ~~185~~



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 ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1326

2251

2160

F. B. ~~2160~~ Pg. 186

CONT. LEFT Pg 187

324.86

3.10

318.73 T82° = 318.76
6.10 6.10
324.86

P.O.T.
SET 1X2
= 4+24.86

3.10 OFF SET

T LINE Z

T line Sierra Bonita Ave 1Pod East

89.62 T 82°
232.41 T82°
322.03 T82° = 322.06

322.06

197

Fd. 2X2 &
RE 2839
= 5+12.43

T LINE Z

176.73

2.14

57.76

Fd. 2X2 &
RE 2839
= 6+89.16

CONT Right Pg 185

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700 Los Angeles County Engineering Bldg.

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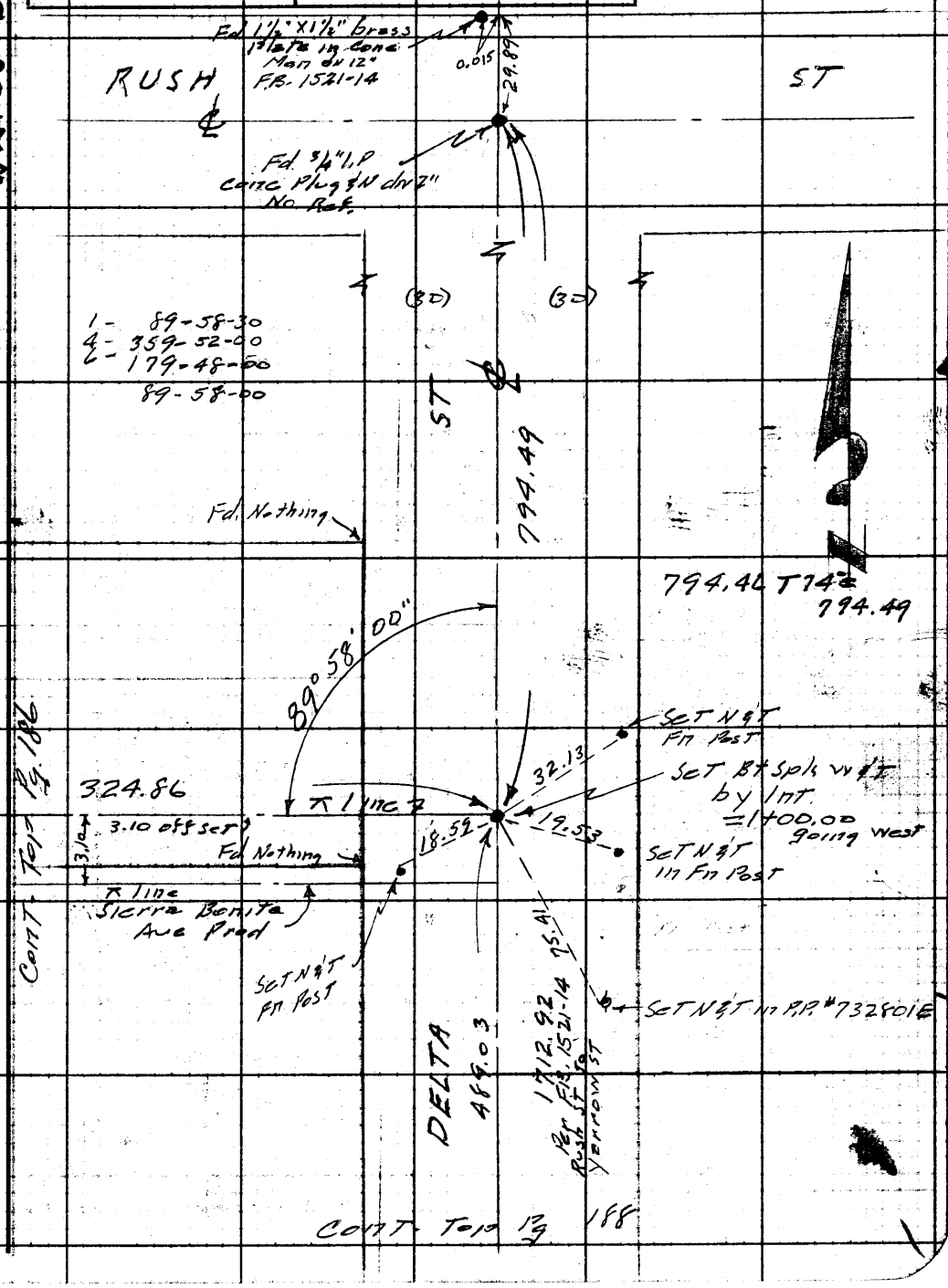
PWFB 1326 2252, 2253

Notes Ck'd by	Survey of Sanitation Invest.
Map No.	JN 0432.-- Tape 0144 Std 68 °F
Office Work	Surveyed by Snyder
Checked	Notes PRS Date 4-19-60
Date	Indexed C. Johnson

F. B. ~~2106~~ 2160 Pg. ~~187~~

W.S. 36-D-1



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RETURN TO LOS ANGELES COUNTY ENGINEER 100 LOS ANGELES COUNTY ENGINEERING BLDG.

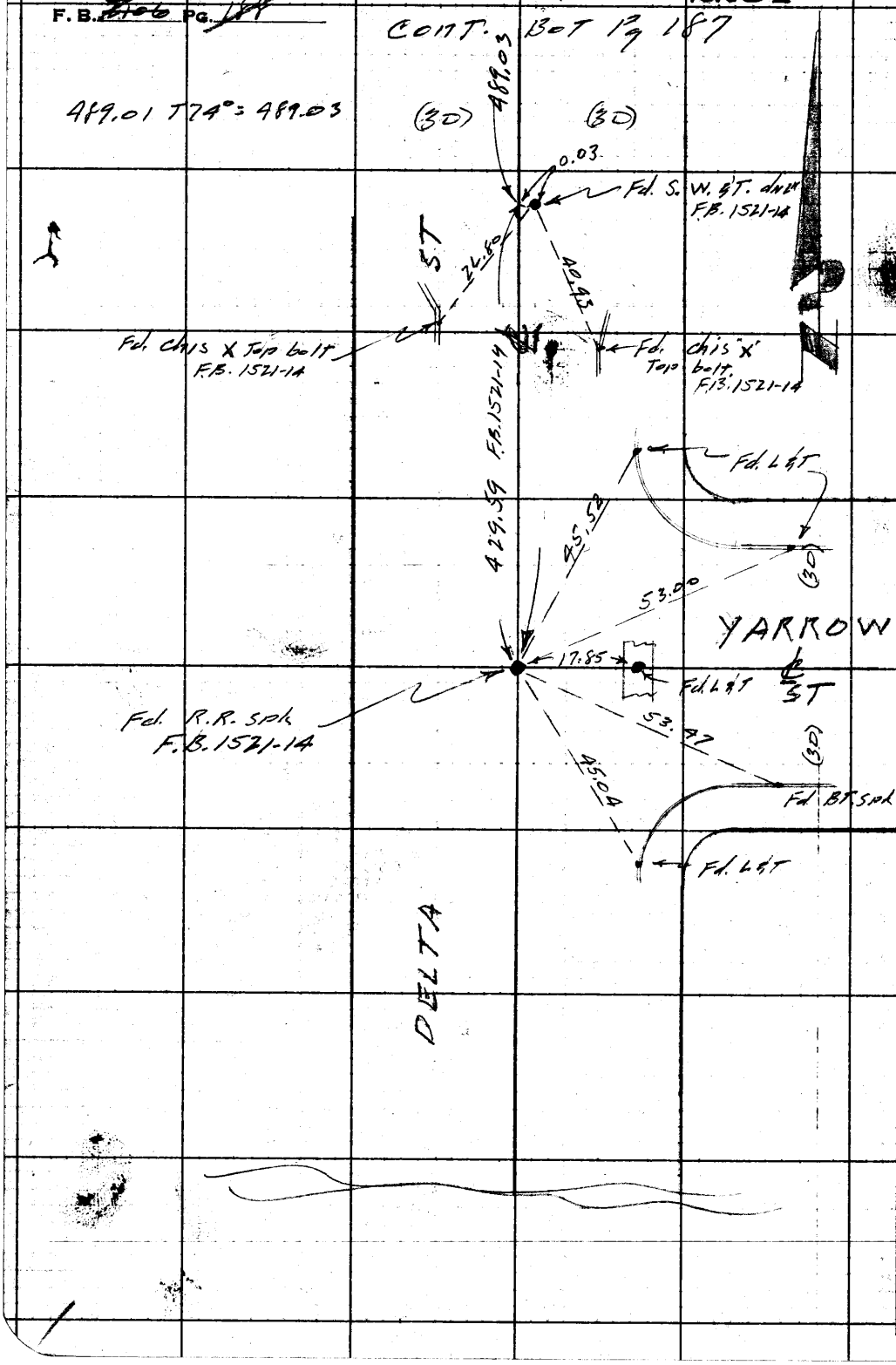
768098 CE #247—7-53

PWFB 1326 2254

F.B. ~~2106~~ 2160 PG. ~~188~~

CONT. BOT Pg 187

489.01 T74° = 489.03



W.S. 36-D-1

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2160

Notes Ck'd by	Survey of Sanitation Invest.
Map No.	JN 0432.00 Tape Std °F
Office Work	Surveyed by Snyder
Checked	Notes MRS Date 4-22-60
Date	Indexed [illegible] 5-26-60

F. B. 2166 Pg. 189

J.N. 0432.00
SANITATION INVESTIGATION
for
YARROW ST S.S. DIST.

Location of Improvements
in
Proposed S.S. I/W
From- DELTA AVE
To - E. end of Sierra Bonita Ave

Snyder
Carrasco
Ibarra
Moya

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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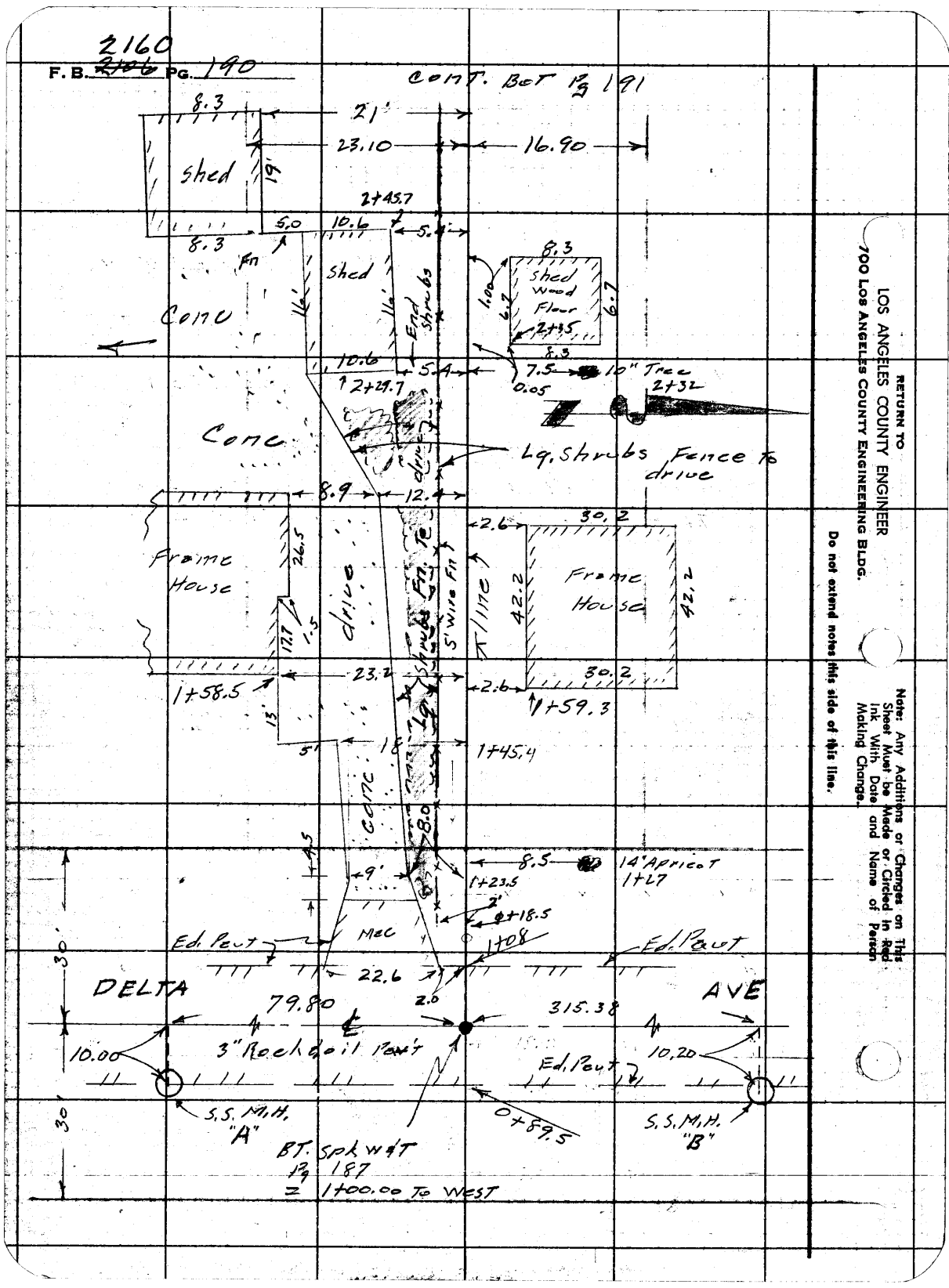
763098 CE #247—7-53

2160

F. B. ~~2106~~ PG. 190



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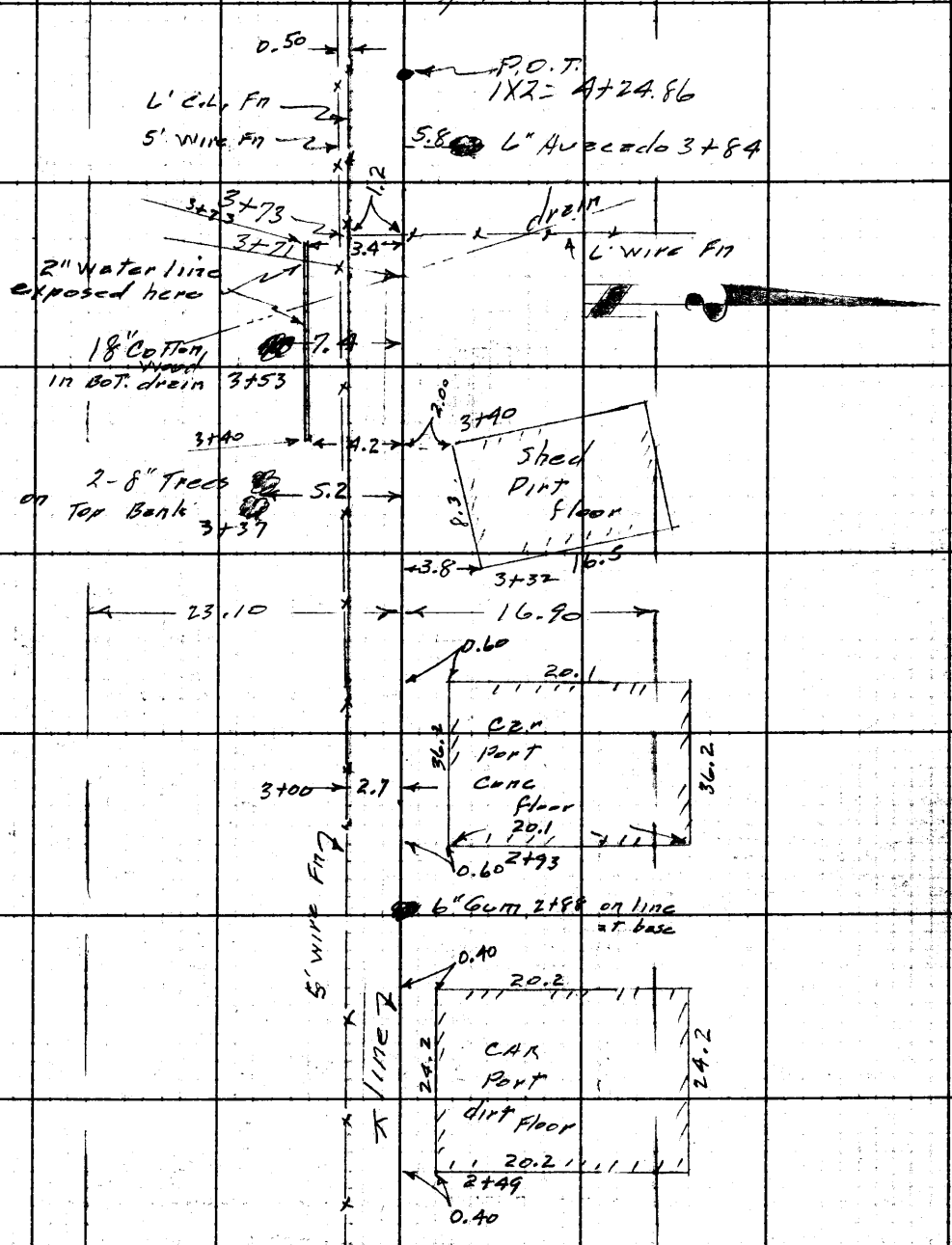
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of Sanitation Invest.
JN 0432.09 Tape Std °F
Surveyed by Snyder
Notes IRRS Date 4-22-60
C. Johnson
Indexed

F. B. ~~2166~~ 2160 Pg. 191

Cont. Bot Pg 192



Cont. To Pg 192

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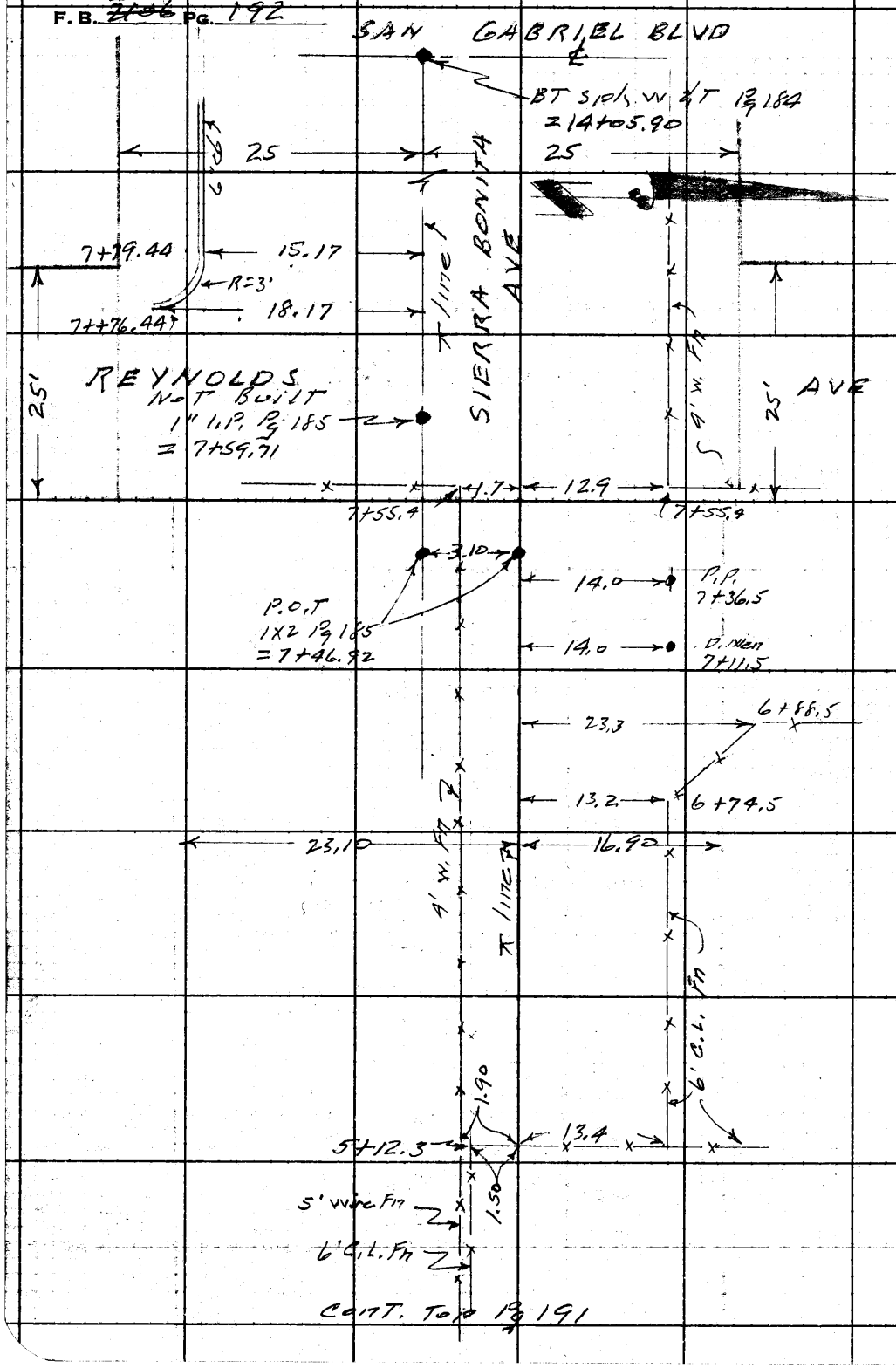
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 Los Angeles County Engineering Bldg.

763098 CE #247—7-59

2160

F. B. ~~2106~~ Pg. 192



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Profile No. | Notes Red. | Plotted | Job No. 0432.00 Division No. 10 | F. B. 2160 2106 Pg. 193
X-Sec. No. | Notes Chkd. | Checked | Survey of Sanitation Investigation
Date | Date | Survey by Snyder Notes PRS Date 4-25-60
Date | Date | Map No. | Indexed C. Johnson Date

J. N. C 432.00
SANITATION INVESTIGATION
for
YARROW ST S.S. DIST.
X SECTIONS
Proposed 12" S.S. R/W

From - Delta Ave
To - E. end of Sierra Bonita Ave

Snyder
Cervasco
Rangel
Moya

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

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

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700 Los Angeles County Engineering Bldg.

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76298 S & E #307—7-55

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2140 Pg. 194 Job No 4432.5E Division No. 12 Notes Red. Plotted
Survey of Exploration Investigation Date No. Profile
Survey by Stryker Notes 1PRS Date X-Sec.
Indexed C. Johnson Date 4-25-60 Notes Chkd. Checked
Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Left ℄ S.	℄ Right ℄ N.
BM. W. NI. 530				247 86	W. NI. 530 EL. 247.862 FB. 1412-181 Delta Auc (E side) 8 60' ± S. of Rush ST. BT. SPK in conc ring of S. NI. H. (E. side of NI. H) 7' S. & 6' W. of I. P. # 732801 B	
S. S. NI. H. "A"		247.93 L 92 241.01	247.93 L 99 247 44	24793	Rim of S. S. NI. H. "A" 79.80' S. of ℄ line 11T. MEAS 467 DIA. 225 L 92	MEAS 474 DIA 225 L 99 Pg. 190
27" inlet N.				241 01		
27" outlet S.				240 94		
T. P.				24007	T. P.	
S. S. NI. H. "B"		251 45 10.13 241 32		25145	Rim of S. S. NI. H. "B" 315.38' N. of ℄ line 11T. MEAS 788 DIA 225 1013	MEAS 7.87 DIA 225 10.12 Pg 190
27" outlet S.			251 45 10.12 241.33	241 32		
27" inlet N.				241 33		
0+89.5				249 0		℄ Prod Ed. Pavt
				2492		20' R.
				2487	25' L	
1+00.00				2495	11T ℄ line ℄ & Delta Auc	
				2497		20' R.
				2492	25' L	
1+08.				2494		℄ Ed. Pavt
				2497		20' R.
				2492	25' L	
1+16				2493		℄ Gutter

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Left ℄ S	Right ℄ N.
1+16				2495		20' R.
✓				2490	25' L	
1+30				2500		at P/L
✓				2502		20' R.
✓				2497	25' L	
2+00				2510		
✓				2512		20' R.
✓				2507	25' L	
T.P.				25090	T.P.	
2+90				2521		
✓				2529		20 R.
✓				2514	25' L	
3+00				2525		
✓				25338		0.40 R Cone floor Car Port
3+20				2528		
✓				2520	25' L Top Bank of drain	
3+40				2535		Top Bank
✓				2433	25' L ℄ drain	
✓				2540		20' L
3+60				2535		25' L Top Bank
3+71				2479		℄ ℄ drain

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0432.40 Division No. 10 F. B. 2160 Pg. 195
Date ____ Date ____ Survey of Sanitation Investigation
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Snyder Notes PRS Date 4-25-60
Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Left ℄ S	Right ℄ N.
3+71				252 6	20' L Top Bank	W side of drain
3+77				25 29		Top Bank (W. side)
✓				250 7		25' ℄ drain
3+90				252 3		25' R Top Bank
4+00				252 8		
✓				252 5		25' R.
✓				252 8	25' L	
T.P.				253 62	T.P.	
5+00				253 5		
✓				253 7		20' R.
✓				253 3	25' L	
6+00				253 8		
✓				254 0		20' R.
✓				253 5	25' L	
T.P.				25 503	T.P.	
7+00				255 6		
✓				255 6		20' R.
✓				254 6	25' L	
7+55				257 6		
✓				257 6		20' R.
✓				257 5	25' L	

F. B. 2160 ~~2100~~ Pg. 196 Job No. 0432.00 Division No. 10 Notes Red. Plotted Date Date No. Profile
Survey of Sanitation Investigation Date Date X-Sec.
Survey by Snyder Notes PRS Notes Chkd. Checked
Indexed ~~K.~~ C. Johnson Date 4-25-60 Date Date No.

76298 S & E #307—7-55

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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.

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STATION	B. S.	H. I.	F. S.	ELEV.	Left & S	Right & N
7+76.44				2578		
✓				2583		16' R. Fn.
✓				2574	18.17 L Gutter	
✓				25779	18.17 L End cr. S. end C.R.	
7+79.44				25779	15,17' L W. end C.R. Top	
8+00				2581		
8+50				2588		
✓				2591		16' R Fn Line
✓				2587	15' L Gutter	
✓				25891	15' L Top cb	
T.B.M.				25794	T.B.M. EL. 357.854 F.B. 2106-180 Sierra Bonita Ave & Reynolds Ave S.W. COR. BT. spk in cb S.W. of W. end of C.R.	
T.P.				25362	T.P.	
T.P.				25090	T.P.	
BM W. M. 530				24786	W. M. 530 EL. 247.862 F.B. 1412-181 Delta Ave (E side) 860'± S. of ℄ Rush ST. BT. spk in cone rim of S.S.M.H.	
T.P.				24742	T.P.	
BM. W. M. 531				24748	BM. W. M. 531 EL. 247.506 F.B. 1412-181 Delta ST. W. side 1325' S. of Rush ST. BT. spk in cone H.W. to culvert of wash	

Profile Notes Red. ____ Plotted ____ Job No. 0437.00 Division No. 10 F.B. 2160 ~~2106~~ Pg. 197
No. ____ Date ____ Date ____ Survey of Sanitation Investigation
X-Sec. Notes Chkd. ____ Checked ____ Survey by Snyder Notes PRS Date 4-25-60
No. ____ Date ____ Date ____ Map No. ____ Index ~~L. C. Jones~~

F. B. 2160 Pg. 198

Job No. 2432.08 Division No. 10 Notes Red. Plotted Profile

Survey of Sanitation Investigation Date Date No.

Survey by Snyder Notes P.R.S. Notes Chkd. Checked X-Sec.

Indexed Date 4-25-60 Date Date No.

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

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700 Los Angeles County Engineering Bldg.

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7629 S & E #307—7-55

NOTES RED. JOB NO. 0779.08 SURVEY OF 219 TH ST. SEWERS

DATE SURVEY BY D. Sappell

NOTES CHKD. NOTES BY D.S DATE 11-2-60

DATE INDEXED H. E ON DATE 11-2-60

F. B. 2160 PG. 199

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

76S420 S & E-353 4-54

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 0779.08						
219 TH ST SEWERS						
ELEV. CHECK ON BM SN15 (221 ST ST & CLARETTA ST) & BM NZ 30 (221 ST ST & VERNE AVE)						
					Sappell	
					Landa	
					Clifford	

76S420 S & E-353 4-54

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

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

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd) BM NZ 31	31.291					BM NZ 31. El. 31.291 F.B. 1925-165
+	5.087		5.121			221 ST ST. (S. side) at Hawaiian Ave.
π	36.378	-0.891	-0.893			L&T. in walk to Ho #12448, 45'± S &
−	5.978		6.014			45'± W. of ℄ int.
T.P.	30.400					T.P.
+	4.479		4.540			
π	34.879	+0.400	+0.399			
−	4.079		4.141			
(Fd) BM NZ 30	30.800					BM NZ 30 El. 30.754 F.B. 1925-165
+	4.013		3.979			221 ST st. (S. side) at Verne Ave, L&T.
π	34.813	-0.245	-0.245			in N.E. cor. at Drive to Ho #12412, 6'±
−	4.258		4.224			W. of ℄ prod Verne Ave & 32'± S. of ℄ 221 ST
(Fd) BM SN 15	30.555					BM SN 15 El. 30.551 F.B. 1925-164
						221 ST ST & Claretta St., N.W. cor.
						Bt. spk in S. end conc. walk to Ho #12359

(Note: BM NZ 29 at 221 ST st & Belshire Ave gone)

JOB NO. 0779.08 SURVEY OF 219 TH ST. Sewers NOTES RED.
SURVEY BY D. Sappell DATE
NOTES BY D.S. DATE 11-2-60 NOTES CHKD.
INDEXED H. E. OTT DATE DATE

F. B. 2160 PG. 200

Profile No.	Notes Red	Plotted	Job No. 0779.08	Division No. 11	F.B. 2160 PG. 201
	Date	Date	Survey of 219 TH. ST. Sewers		
X-Sec. No.	Notes Chkd.	Checked	Survey by Sappell	Notes D.S.	Date 11-2-60
	Date	Date	Map No.	Indexed H. E. OR	Date JAN 12 61

J.N. 0779.08

219 TH. ST. SEWERS

INV. EL. OF EXIST. S.M.H's

ALONG 221 ST. ST.

from 330' W'ly of Claretta St. to

Hawaiian Ave.

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

Sappell

Landa

Clifford

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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700 LOS ANGELES COUNTY ENGINEERING BLDG

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76L-298 CE 307 11-58

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.				
BM ZN 15			Lenker Rod	30.55	BM SN 15 El. 30.551 F.B. 1925-164, 221 St St. & Claretta St. N.W. Cor. - Bt spk in S. end of conc. walk to Ho # 12359			
S.M.H. on 221 St St. 10+60.00 per Sewer plan				29.02	W. Rim S.M.H.			
		29.02 -	6.73 =	22.29	8" Inlet E.	6.06 Rod	6.10	
		29.02 -	6.77 =	22.25	8" outlet W.	0.67 Diam	0.67	
						6.73	6.77	
J.C.M.H at 221 ST. & Claretta 13+93.39 per sewer plan				30.03	W. Rim J.C.M.H.			
		30.03 -	7.03 =	23.00	8" Inlet N	6.36 Rod	6.34	6.39
		30.03 -	7.01 =	23.02	8" " E	0.67 Diam	0.67	0.67
		30.03 -	7.06 =	22.97	8" outlet W.	7.03	7.01	7.06
T.P.				29.89	T.P.			
J.C.M.H. at 221 ST & Verne Ave 15+74.09 per Sewer plan				30.24	W. Rim J.C.M.H.			
		30.24 -	6.90 =	23.34	8" Inlet N.	6.23 Rod	6.25	6.24
		30.24 -	6.92 =	23.32	8" " E.	0.67 Diam	0.67	0.67
		30.24 -	6.91 =	23.33	8" outlet W.	6.90	6.92	6.91
T.P.				30.39	T.P.			

(cont)

F.B. 2160 Pg. 202 Job No. 0779.08 Division No. 11 Notes Red Plotted Profile
Survey of 219 TH. ST. Sewers Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed H.E. OH Date Date Date No.

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
J.C.M.H. at 221 ST. & Hawaiian Ave.							
19+47.69				30.95	W. Rim J.C.M.H.		
per Sewer Plan		31.01 -	6.77 =	24.24	8" inlet N.	6.10 Rod	6.20 / 6.15
		30.93 -	6.87 =	24.06	8" " E.	0.67 Diam	0.67 / 0.67
		30.95 -	6.82 =	24.13	8" outlet W.	6.77	6.87 / 6.82
					Note: outlet higher than inlet E.		
BM NZ 31				31.28	BM NZ 31 El. 31.291 F.B. 1925 - 165 221 St. (S. Side) at Hawaiian Ave L & T. in walk to Ho #12448, 45'± S. & 45'± W. of ℄ int.		

Profile Notes Red. Plotted Job No. 0779.08 Division No. 11 F. B. 2160 Pg. 203
No. Date Date Survey of 219TH ST. D.S. Sewers
X-Sec. Notes Chkd. Checked Survey by Jappell Notes D.S. Date 11-2-60
No. Date Date Map No. Indexed E & ON Date

F.B. 2160 Pg. 204

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76L-298 CE 307 11-58

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Notes Ck'd by	Survey of PARAMNT PRK. F. B. 2160 Pg. 205
Map No.	JN 086446 Tape Std °F
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes A.N.H. Date Jan-1961
Date	Indexed JAN 12 '61

J.N. #086446

PARAMOUNT PARK

A PROPOSED S. SEWER LINE FROM N.W. COR. OF PARAMOUNT PRK. - WESTERLY ACROSS PARAMOUNT BLVD. TO EXISTING SEWER LINE 100 FT ± W. OF W. P/L OF PARAMOUNT BLVD.

NEAR INTERS. OF PARAMOUNT BLVD & ROSECRANS AVE.

		PAGE
PROPOSED LOCATION OF SEWER LN.	——	206
LOCATION OF IMPRVMNTS ALONG LN	—	207 & 208
X-SECTIONS	—	209-213

A.N. HELLSTROM
J.C. RIKE
H.H. SPRIGGS
R.J. RODRIGUEZ

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76F3095 CE #247—3-57

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W.S. 32 C-3

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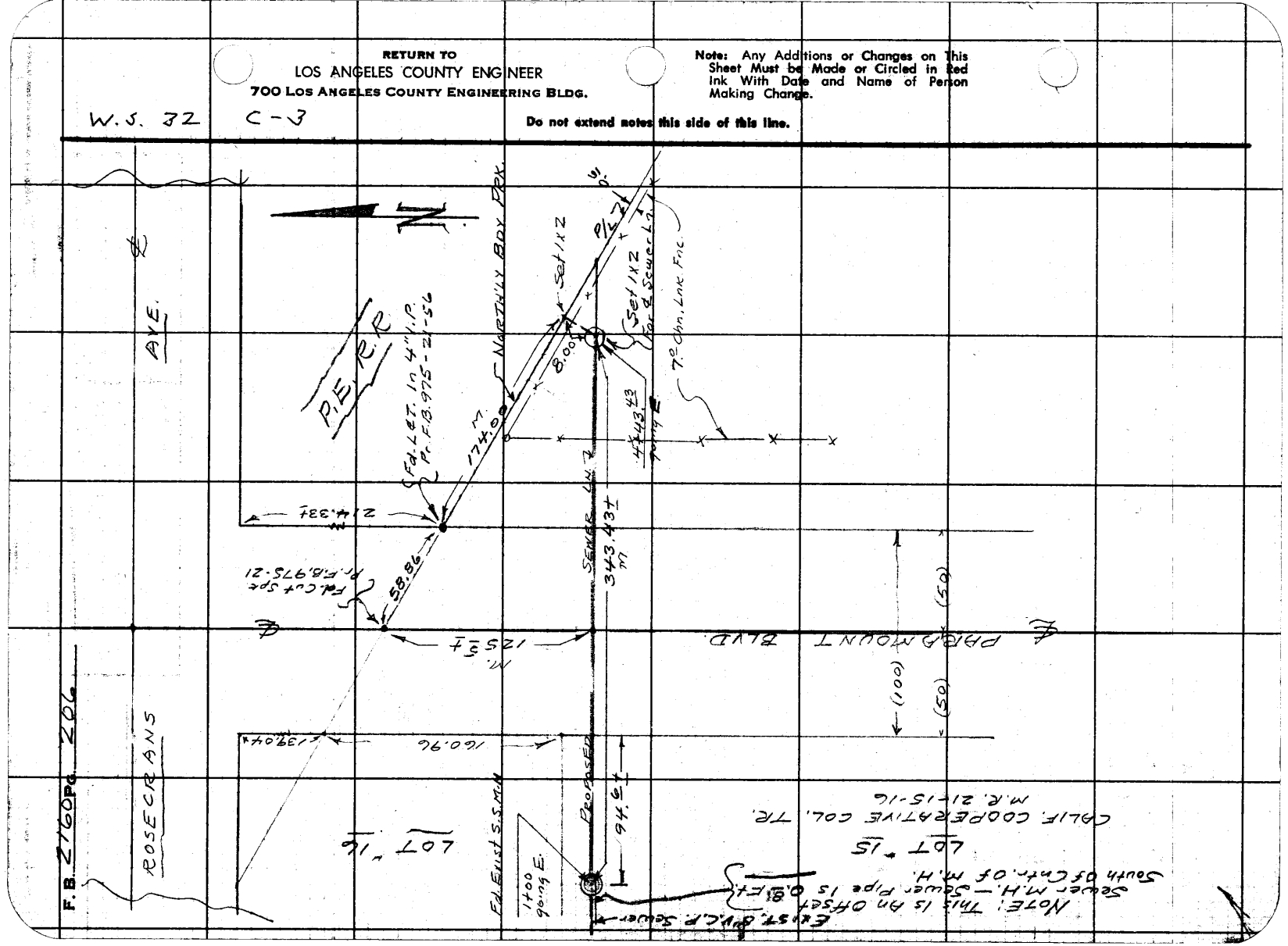
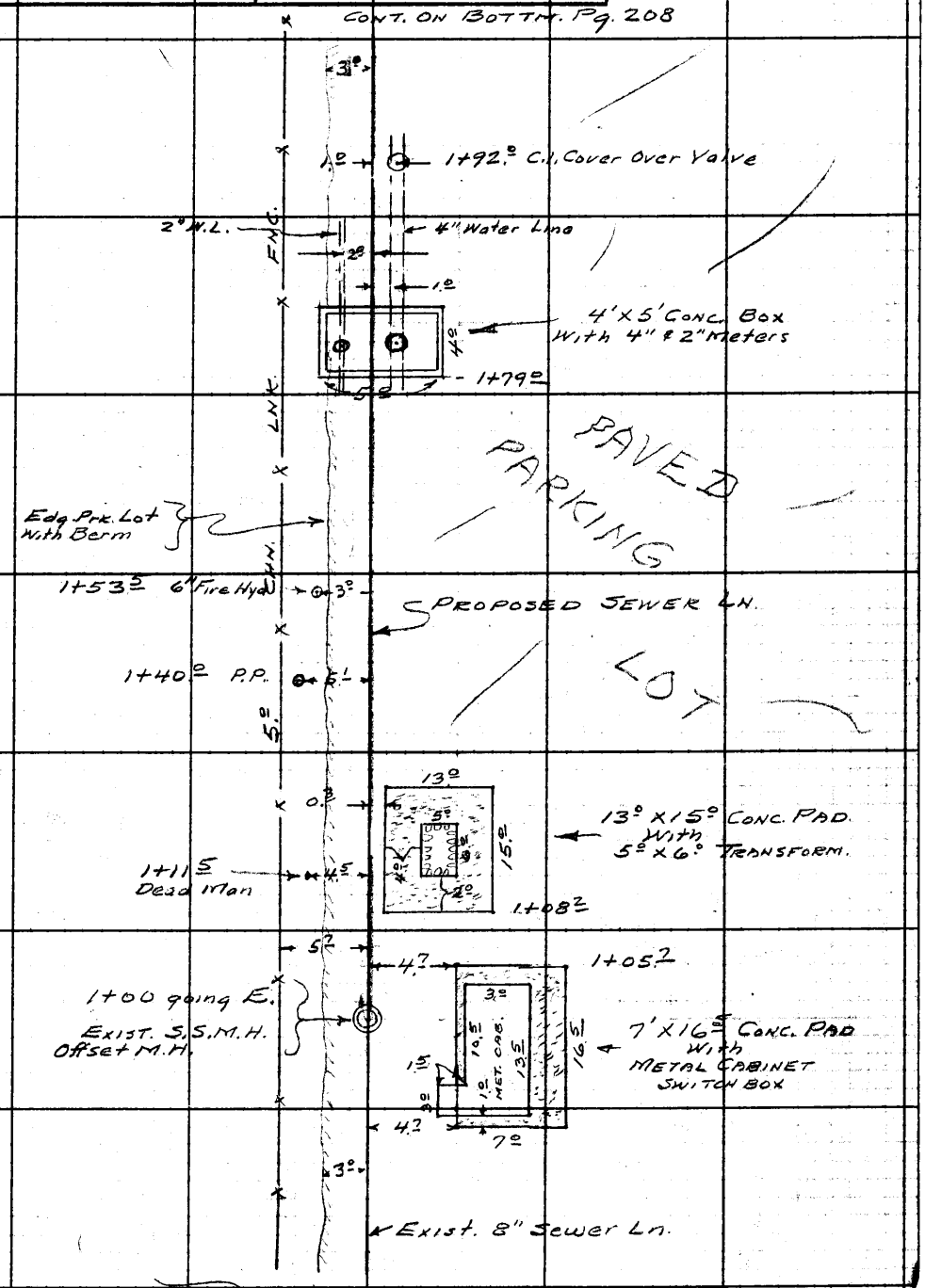


Notes Ck'd by	Survey of PARAMNT. PRK
Map No.	JN 0864.46 Tape Std °F
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes A.N.H. Date Jan 1961
Date	Indexed H. E. OTT

F. B. 2160 PG. 207

CONT. ON BOTTM. Pg. 208



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76F309S CE #247—3-57

F.B. 2160 Pg. 208

4+43.43 Spk & T. - End Ln.

A.C. PARKING LOT

8° Chn Lnk Fnc

3+23 ℄

4° Conc Walk

2+95.5 ℄

6" Curb
3° Conc Gutter

2+82 ℄

A.C. Pvmt.

2+65 ℄

Conc. Pvmt.

℄ PARAMOUNT BLVD ℄

Conc. Pvmt.

2+50 ℄

2+35 ℄

A.C. Pvmt.

3° Conc. Gutter

2+14.8 ℄

6" Conc. Curb

4' Conc. Walk

2+00.5 ℄

4' Chn Lnk Fnc 2+00

7.5 ←

1+94.5 ℄ 8" Brick Wall 4.5 high

10°

5' Chn Link Fnc

CONT. FROM TOP PG. 207

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F. B. 2160 Pg. 209

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 08646 | Division No. 11 | Survey of PARAMOUNT PARK

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey by HELLSTROM | Notes RIKE | Date 1-11-61 | Map No. | Indexed H. E. OTT | Date JAN 12 '61

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J.N. 08646
PARAMOUNT PARK

PROPOSED SANITARY SEWER R/W
FROM
EXISTING M.H. IN LOT #15 - MR-21
TO
PROPOSED M.H. IN N.W'LY. COR. OF PARK.

PROFILE AND CROSS SECTION

STATION	B. S.	H. I.	F. S.	ELEV.
		HELLSTROM RIKE SPRIGGS RODRIGUEZ		

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	EASEMENT	S SEWER R/W
					73.71 Van 1-18-61	
B.M. #1				73.71	B.M. #1 Elev. = ~~78.71~~ (ADJ.) Paramount Blvd., 300' ± N. of N. P/L Clearwater School, set B. S. + lead, in W. curb. FB 975-18	
T.P.				74.03	T.P.	
T.B.M.				74.79	T.B.M. PARAMOUNT BLVD. (EAST SIDE 4" I.P. L.+T. set IN CONC. CTR., N.W. P/L OF PARAMOUNT PARK.	
1+00 S.S. M.H. (Sewer line 0.8' S. of ℄ MH.				67.27	8" INLET - E. RIM - 75.97 DEPTH 8.70 ELEV. 67.27 F.L.	
" "	"	"			8" OUTLET - W. RIM 76.02 DEPTH 8.75	
				67.27	ELEV. 67.27 F.L.	
					LT.	℄ RT.
1+00				76.0		℄
" "				75.9	2' BOT. BIRM	
" "				77.2	5' TOP "	
" "				76.10		5' EDGE CONC. PAD
1+08.2				75.9		℄
" "				76.00		0.3' TOP CONC. PAD
1+23.2				75.82	75.82	℄ TOP " " "
1+50				75.3		℄

F. B. 2160 Pg. 210
Job No. 086446 Division No. 11 Notes Red. Plotted Profile
Survey of PARAMOUNT PARK Date Date No. X-Sec.
Survey by A.N.H. Notes J.C.R. Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	EASEMENT S. SEWER R/W (CONT.) LT.	℄ RT.
1+50				75 ~~65~~.3	3' BOT. BIRM	
" "				76 ~~66~~.5	5' TOP "	
" "				75 ~~65~~.2		5'
1+80				75 ~~65~~.1		℄
" + "				77 ~~67~~.6		1' TOP 4" W.L.
" + "				75 ~~65~~.1		℄
" + "				76 ~~66~~.6	2' TOP 2" W.L.	
" + "				75 ~~65~~.1	5' BOT. BIRM	
" "				76 ~~66~~.4	8' TOP "	
" "				74 ~~64~~.7		5'
1+72				74 ~~64~~.8		1' TOP H.H.
" "				73 ~~63~~.0		1' TOP 12" VALVE W.L.
2+00.5				74 ~~64~~.25	74.25	℄ + W. EDGE CONC. WALK
" "				74 ~~64~~.20	5'	
" "				74 ~~64~~.30		5'
2+14.8				73 ~~63~~.90	73.90	℄ TOP CURB
" "				73 ~~63~~.17		℄ BOT. GUTTER
" "				73 ~~63~~.87	5' TOP CURB	
" "				73 ~~63~~.18	5' BOT. GUT.	
" "				73 ~~63~~.93		5' TOP CURB

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 086446 Division No. 11 F. B. 2160 Pg. 211
X-Sec. No. ____ Date ____ Date ____ Survey of PARAMOUNT PARK
Notes Chkd. ____ Checked ____ Survey by A.N.H. Notes J.C.R. Date 1-11-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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F. B. 2160 Pg. 2/2
Job No 086446 Division No 11 Notes Red Plotted
Survey of PARAMOUNT BLVD Date Date No. Profile
Survey by A.N.H. Notes J.C.S. Notes Chkd. Checked No. X-Sec.
Indexed H. E. OH Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	EASEMENT S. SEWER R/W (CONT.)	
					Lt.	℄ Rt.
2+14.8				73.19		5' BOT. GUTTER.
2+17.8				73.42		℄ + EDGE MAC. PAVT.
" "				73.41	5'	
" "				73.[illegible]		5'
2+35				73.01		℄ + EDGE CONC. PAVT.
" "				74.[illegible]	5'	
" "				74.[illegible]		5'
2+50	INTER. ℄ EASEMENT R/W + ℄ PARAMOUNT BLVD.			74.17	INTER. ℄ EASMENT R/W + ℄ PARAMOUNT BLVD.	℄ + CONC. PAVT.
" "				74.17	5'	
" "				74.[illegible]		5'
2+65				74.01		℄ EDGE CONC. PAVT.
" "				74.02	5'	
" "				74.[illegible]		5'
2+82				73.72		℄ EDGE MAC. PAVT.
" "				73.[illegible]	5'	
" "				73.[illegible]		5'
2+85				73.[illegible]		℄ + BOT. GUT.
" "				73.[illegible]	5'	
" "				73.[illegible]		5'
" "				74.18	74.18	℄ + TOP CURB

76L-298 S & E #307—1-56

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Profile Notes Red. Plotted Job No. 0644 Division No. 11 F. B. 2160 Pg. 2/3
No. X-Sec. Date Date Survey of PARAMOUNT PARK
Notes Chkd. Checked Survey by A.M.H. Notes V.C.R. Date 1-11-61
No. Date Date Map No. Indexed H.E.O.H. Date

STATION	B. S.	H. I.	F. S.	ELEV.	EASEMENT S. SEWER R/W (CONT.) LT.	℄	RT.
				74			
2+25				74.19	5' TAP. CURB		
" "				74.17			5' TAP CURB
2+92				74.28		℄ 4' W. EDGE CONC. WALK	
3+00				74.5			
" "				74.3	5'		
" "				74.5			5'
3+22.5				74.3		℄ 2' W. EDGE CONC. PAVT.	
3+50				74.2			
" "				74.2	5'		
" "				74.2			5'
4+00				74.2			
" "				74.2	5'		
" "				74.2			5'
4+43.23				74.2			
" "				74.2	-		
" "				74.2			5'
T. P.				74.19	T. P.		
B. M. #3				76.09	B. M. #3 ELEV. = 76.09 (ADJ.) FB 975-19 PARAMOUNT BLVD. & ROSECRANS - 1ST TRANS. TOWER EAST, CHIS. 2 NOTCHES ON NUT - S.E. COR. OF TOWER #92 CHIS. (B.M. = 3) ABOVE ON ANGLE IRON		

F. B. 2160 Pg. 214

Job No. 086446 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of PARAMOUNT PARK Date _____ Date _____ No. _____

Survey by A.N.H. Notes J.C.R. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 S & E #307—1-56

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F. B. 2160 Pg. 215

Profile No. ____ Notes Red ____ Plotted ____ Job No 0432.00 Division No. 11
Date ____ Date ____ Survey of Ocaso Petition Dist.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by JND Notes JND Date 8-28-61
Date ____ Date ____ Map No. ____ Indexed H. E. Ott Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	
					J.N. 0432.00 Ocaso Petition District. Bench Levels to establish elevations on Sewer & Drain inverts @ the Intrs. of Ocaso Ave & Las Flores Ave
					8-28-61
					Ref. L.A.Co Rd. Dept Precise Bench levels.
					Dougherty Newman Sandoval Adams Moore.

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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F. B. 2160 Pg. 216 | Job No 0432.00 Division No. 11 Notes Red. Plotted Profile
Survey of Ocaso Ave. Ext. Dist. Date No. X-Sec.
Survey by Daugherty Notes Daugherty Notes Chkd. Checked No.
Indexed H. E. Ott Date AUG 29 '61 Date Date

STATION	B. B.	H. I.	F. S.	ELEV.	
Fd. BM. SY 1137				209.609	BM SY1137 Elev: 209.609 LA Co. Rd Dept. Prec. Lev. '71 LA Co. Sur. Mon Case & Cover. Triang. Sta ± 90' W of Ent. to Hse #1521 (15214) Cordova Rd. ± 50' S. of Imperial Hwy & ± 236' W of Cordova Rd
	11010	220619			
T.P.			2930	217689	(Whittier L10A)
	7900	225589			
T.P.			3162	222427	
	6925	229352			
Fd BM. SY 1138				227192	SY 1138 Elev = 227.237 LA Co Rd Dept Prec Lev. '72 LA Co. Sur. Mon (Whittier L10B Aux 1) near Intrs Imperial Hwy & Ocaso Ave ± 3'S & ± 2'E Int. Ocaso Ave & Imperial Hwy.
	4453	231645	2160		
T.P.			11540	220105	Note this Mon in Well & is 3'N & 2' W of what appears to be & Intrs.
	0527	220632			
T.P.			11517	209115	
	0670	209785			
T.P.			11855	197930	
	0613	198543			
T.P.			11225	187318	
	0567	187885			
T.P.			11660	176225	
	1360	177585			
Set BM.			6455	171130	BM. SW Cor. Ocaso Ave & Las Flores Ave. & N of So End of 12" Head Wall Pk. in road.
	2580	173710			

76L-298 S & E #307—1-56

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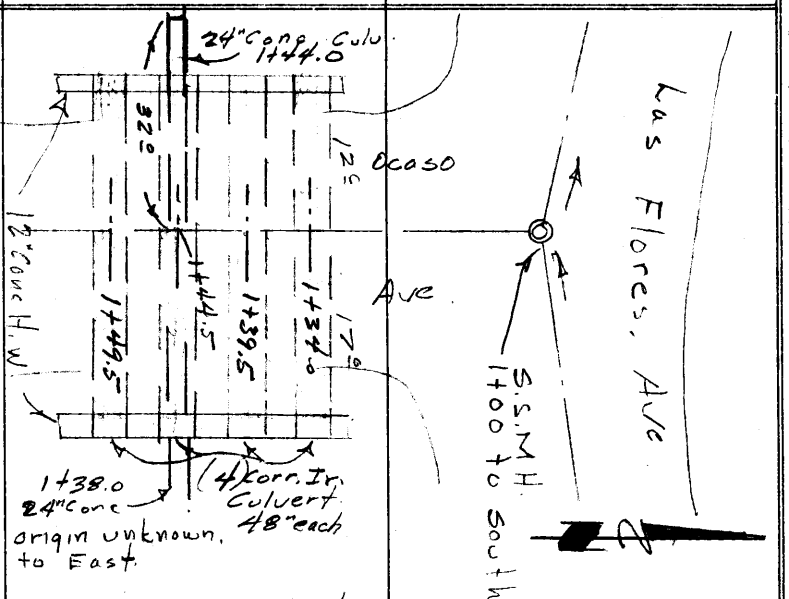
Profile Notes Red. Plotted Job No. 1452 Division No. 4
No. X-Sec. Date Date Survey of Ocaso Ave. Dist.
Notes Chkd. Checked Survey by N.R.D. Notes N.R.D. Date 8-28-61
No. Date Date Map No. Indexed Date 8-29-61

F. B. 2160 Pg. 2/7



STATION	B. S.	H. I.	F. S.	ELEV.	
		173 7/0			
					Intrs. Ocaso Ave & Las Flores Ave
S.S.M.H					
E. Rim			4.95	168.76	Rod = 4.95 dn = 9.35 diam = 1.33 15.63 Inlet
16" Inlet			15.63	158.08	
W/R.m			5.01	168.70	Rod: 5.01 dn: 9.39 diam: 1.33 15.73 outlet.
Outlet. 16"			15.73	152.98	
1+34			9.90	163.81	Rt. 12° FL. 48" Culv.
			9.18	164.53	Lt. 17° FL. 48" Culv.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+44.0		173 710	1030	16341	✓	Rt. 32 Top 24" Conc Culvt
F.L. 24" I.P.			1250	16121	✓	Pipe = 2.0 Pipe Wall = 0.2 2.2
1+38.0			979	16392	✓	Lt. 20' Top 24" Conc. Culvert.
FL. 24" I.P.			1199	16172	✓	
1+39.5			994	16377	✓	Rt. 12' FL. 48" Culvt.
			927	16444	✓	Lt. 17° FL. 48" Culvt.
1+44.5			982	16389	✓	Rt. 12' " " "
			926	16445	✓	Lt 17° " " "
1+49.5			979	16392	✓	Rt 12' " " "
			926	16445	✓	Lt 17° " " "
1+50			362	17009	✓	℄ Pav.
T.P.			4043	169667	✓	
	10010	179677	✓			
T.P.			0613	179064	✓	
	12070	191134	✓			
T.P.			0510	190624	✓	
	11462	202086	✓			
T.P.			0657	201429	✓	
	11947	213376	✓			
T.P.			0967	212409	✓	

F. B. 2160 Pg. 218 Job No. 0432.00 Division No. 11 Notes Red. Plotted Profile
Survey of Ocaso Petition Dist. Date No. X-Sec.
Survey by Dougherty Notes JWD Notes Chkd. Checked
Indexed d. E. OR Date Date No.

Profile	Notes Red.	Plotted	Job No. 0432.00	Division No. 11	F. B. 2160	PG. 219
No.	Date	Date	Survey of Ocaso Petit Dist			
X-Sec.	Notes Chkd.	Checked	Survey by Dougherty	Notes YND	Date 8-28-61	
No.	Date	Date	Map No.	Indexed H. E. OTT	Date	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	11 068	223 477	✓	212 409		
T.P.	9 640	232 354	✓ 0763	222 714	✓	
Fd BM SY1138			5152	227 202	✓ SY1138 Elev. 227.237	F.B. 2160 - 216

F. B. 2160 Pg. 220

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-296 S & E #307—1-56

Notes Ck'd by G. E. BARR	Survey of GLEN ROCKEY BOY CAMP	F. B. 2160 PG. 221
Map No.	JN 8392.29 Tape 0206 Std 68 °F	
Office Work	Surveyed by D.E. HOLMES	
Checked	Notes MOODY Date 10-11-65	
Date	Indexed C. J. GALLI OCT 1 4 '65	

JN. 8392.29

GLEN ROCKEY BOYS CAMP
(ADDITIONAL WORK)

LOCATION OF INVERT ELEVATIONS IN THE EXISTING SEWER MANHOLE AT ROMALE AVE. AND SAN DIMAS CANYON ROAD S.W. COR.

HOLMES
MOODY
MOYA
VALDEZ
SMITH
MASSEY

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76F309S CE #310 6-63

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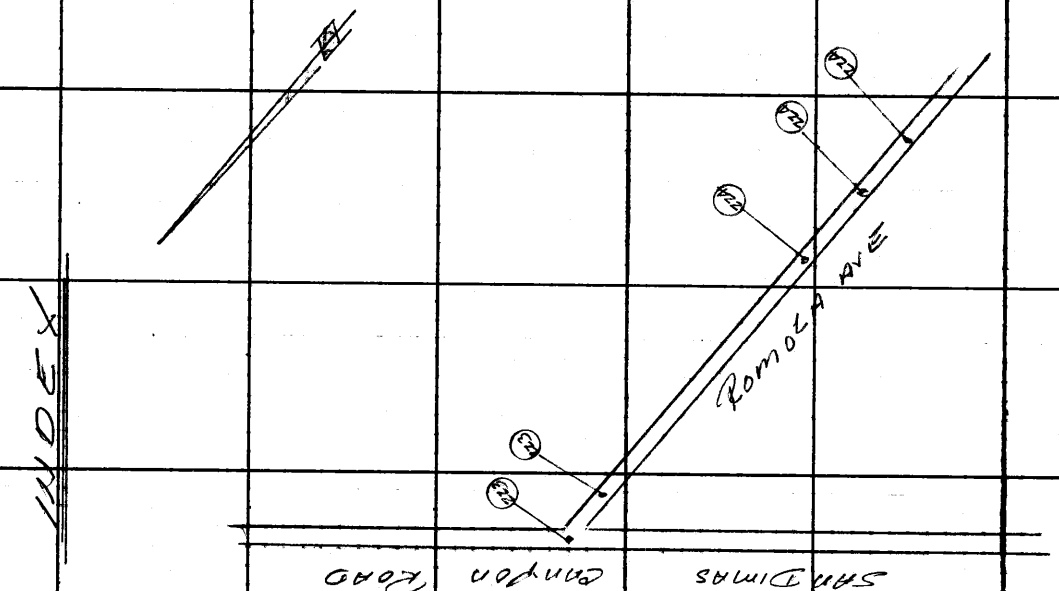

F. B. 2160 Pg. 222

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

Survey of GLEN ROCKEY BOYS CAMP
JN 8392.29 Tape 0206 Std 68 °F
Surveyed by D.E. HOLMES
Notes MOODY Date 10-11-65
Indexed G. J. GALL

F. B. 2160 PG. 223

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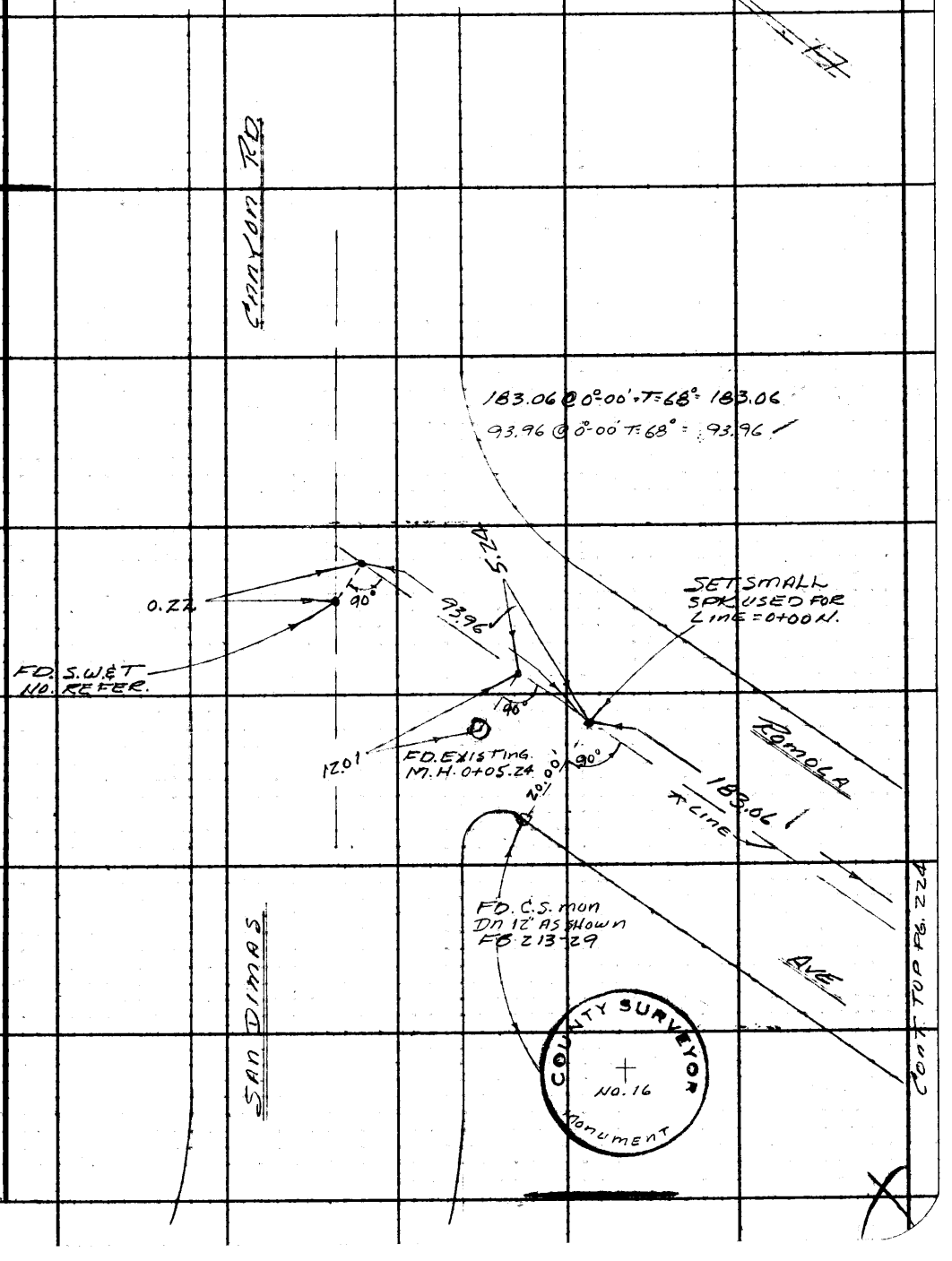
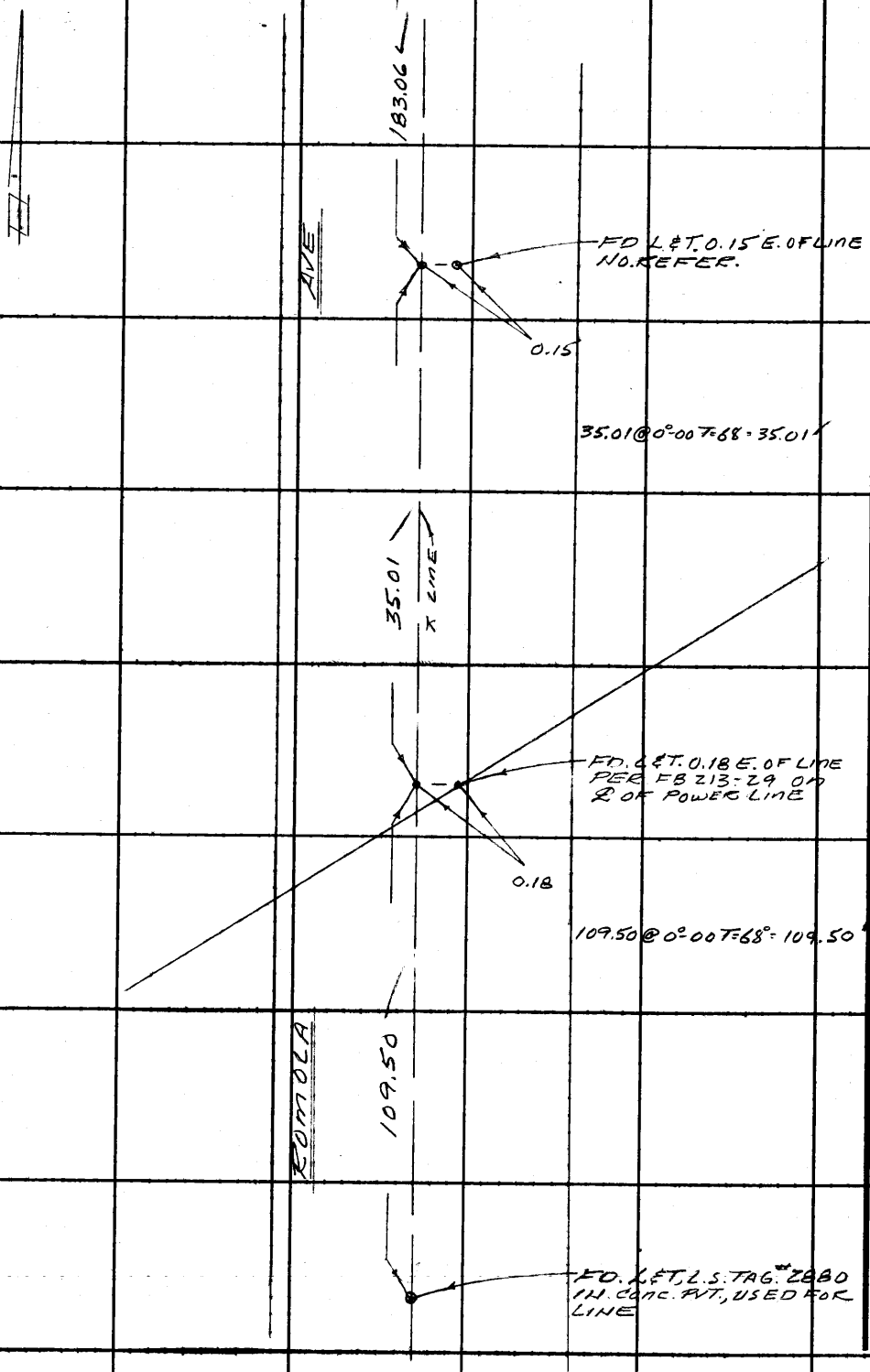
403 LOS ANGELES COUNTY ENGINEERING BLDG.

75F3005 CE #310 6-63



F. B. 2160 PG 224

CONT. FROM RT. SIDE PG. 223



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Profile No. | Notes Red Date | Plotted Date | Job No. 83927.29 | Division No. 11 | F.B. 2160 Pg. 225

X-Sec. No. | Notes Chkd. G. E. BARR Date | Checked Date | Survey of GLEN ROCKEY BOYS CAMP | Survey by D.E. HOLMES Notes MOODY Date 10-11-65 | Map No. | Indexed C. J. GALLI Date OCT 14 '65

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STATION	B. S.	H. I.	F. S.	ELEV.	
					J.N. 83927.29
					GLEN ROCKEY BOYS. CAMP
					INVERT OF S.S.M.H.
					@ S.W. COR. SAN DIMAS CYN RD
					& ROMOLA AVE
					HOLMES
					MOODY
					MOYA
					VALDEZ
					SMITH
					MASSEY

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	ROMOLA AVE
BM, BG. 2143				1090 747	BM, BG. 2143 ELEV. 1090.747 PG. 11
					CS. MON. 2" DN. @ S.W. COR. SAN DIMAS CYN. RD &
					ROMOLA AVE, 100' SO. & 50' W. & INTER. MARKED #16
0+05.24					12 LT. S.S.M.H.
				1092 02	" " N. RIM
				1084 21	INVERT
				1091 93	12 LT. S. RIM
				1083 85	INVERT
BM BG. 2143					BM. BG. 2143 ELEV. 1090.747 PG. 11
					SEE ABOVE

INLET
6.98 MEAS
.83 DIA
7.81 ROD

OUTLET
7.08 MEAS
1.00 DIA
8.08 ROD

F.B. 2160 PG. 226 Job No. 8392.29 Division No. 11 Notes Red Plotted Profile
Survey of GLEN ROCKEY BOYS CAMP Date Date No. X-Sec.
Survey by D.E. HOLMES Notes MOODY Notes Chk. G. E. BARR Checked
Indexed G. J. GALLI Date Date Date No.

Notes Ck'd by	Survey of SCUDDER-SCOTT CAMPS
Map No.	JN 839.18 Tape 161 Std °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date DEC-65
Date	Indexed C. J. GALLI JAN 11 '66

F. B. 2160 PG. 227

KENYON SCUDDER BOY'S CAMP

J.N. 839.18

SURVEY FOR LOCATION AND TOPOGRAPHY OF PROPOSED SEWER

DEC. 1965

REF.

F.B. 1844

PARTY

L.V. SMITH
R.L. STRADER
M.E. WACKER
I.T. RANGEL

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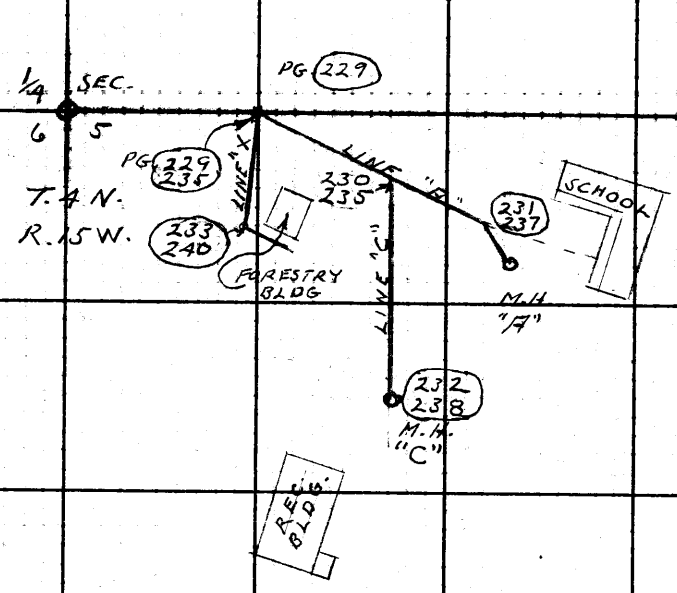
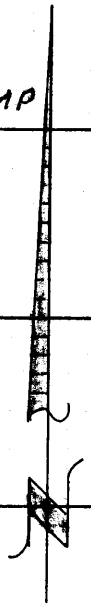
76F3095 CE #310 6-62

F. B. 2160 PG. 228

INDEX



KENYON SCUDDER BOY'S CAMP



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403 Los Angeles County Engineering Bldg.

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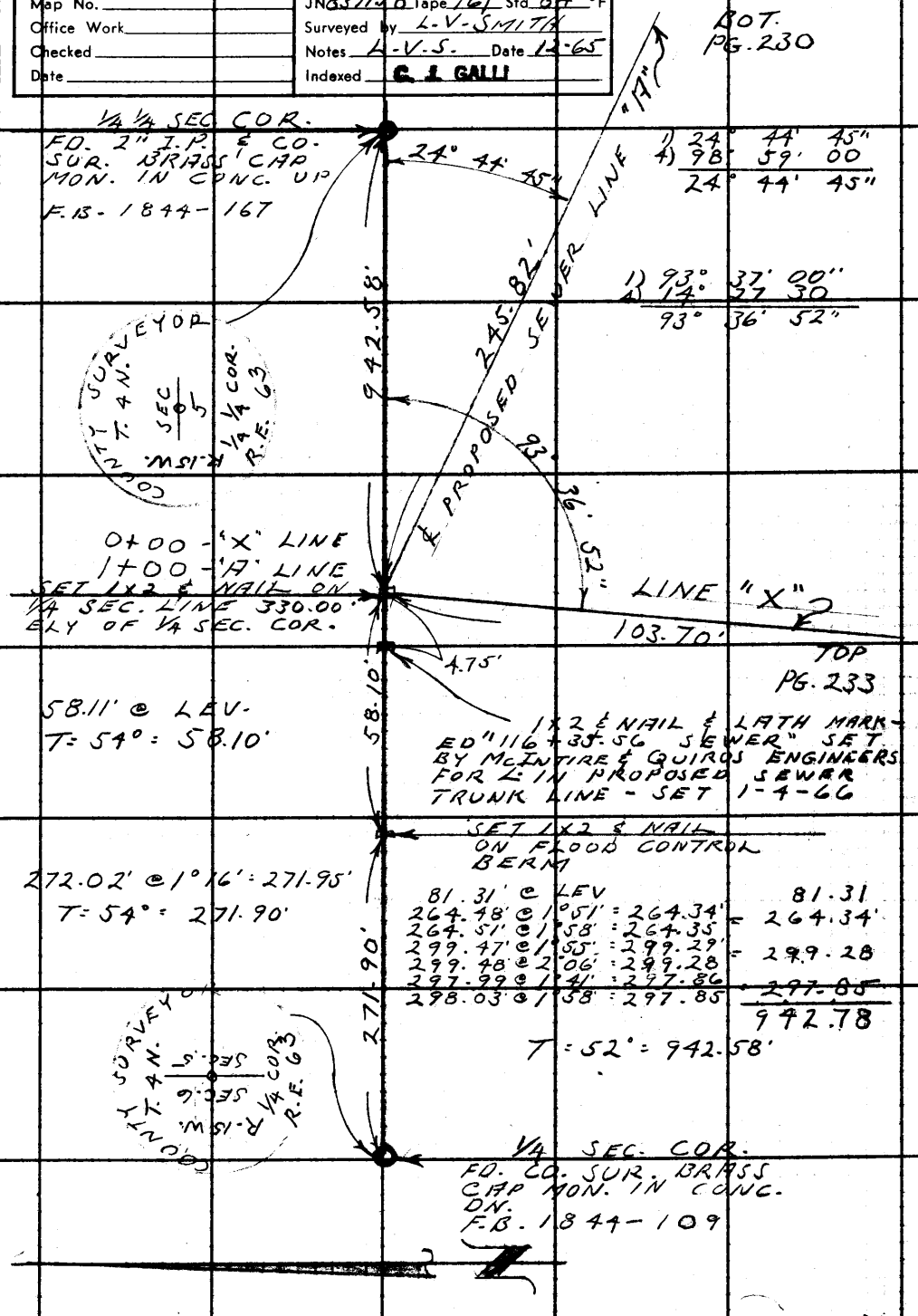
Notes Ck'd by	Survey of SCUDDER-SCOTT CAMPS
Map No.	JN 8391-18 Tape 161 Std 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L-V-S. Date 12-65
Date	Indexed C. J. GALLI

F. B. 2160 PG. 229

BOT. PG. 230



W.S 62 B-1

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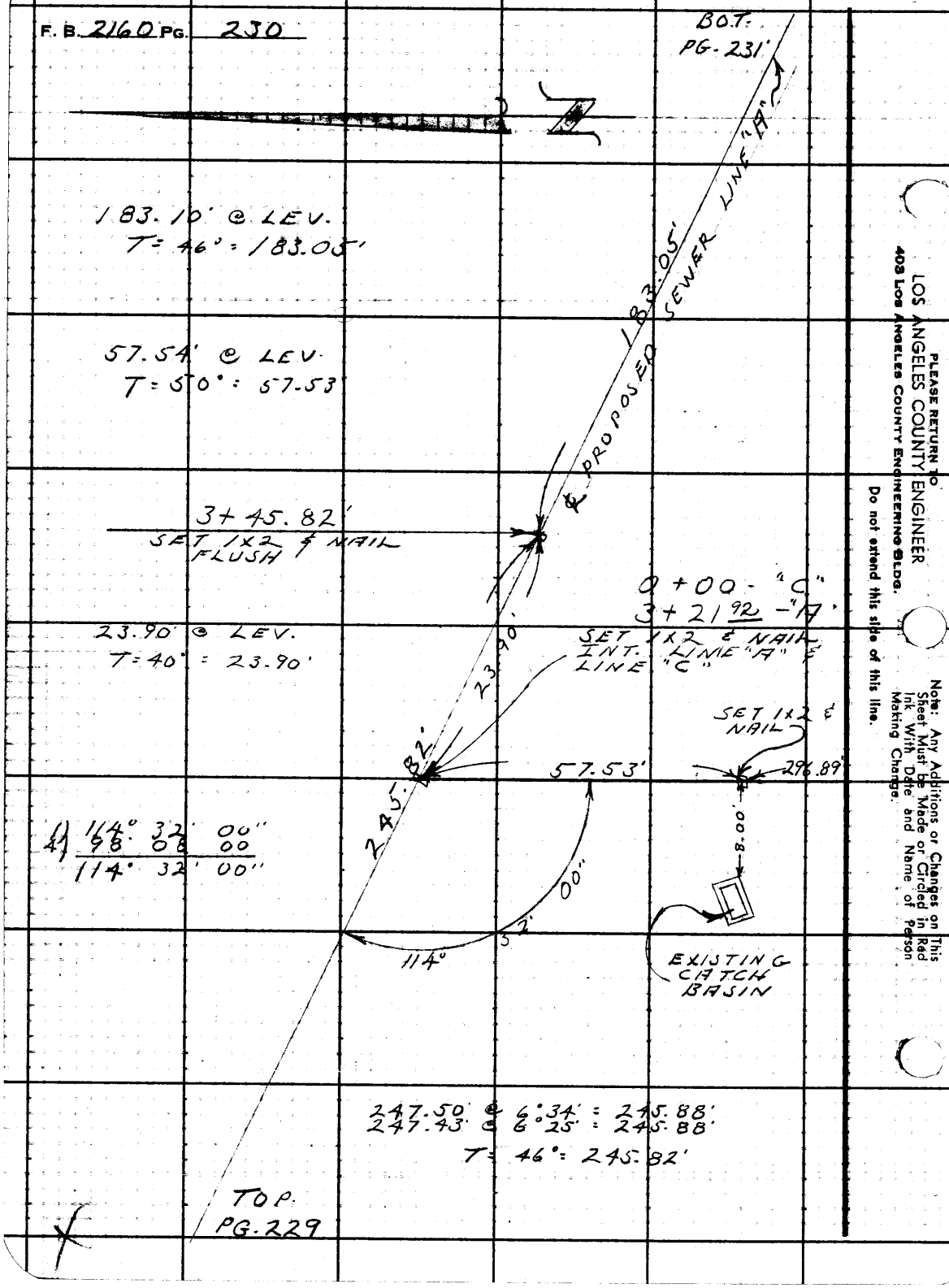
76F3095 CF #310 6-62

F. B. 2160 PG. 230



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409 Los Angeles County Engineering Bldg.

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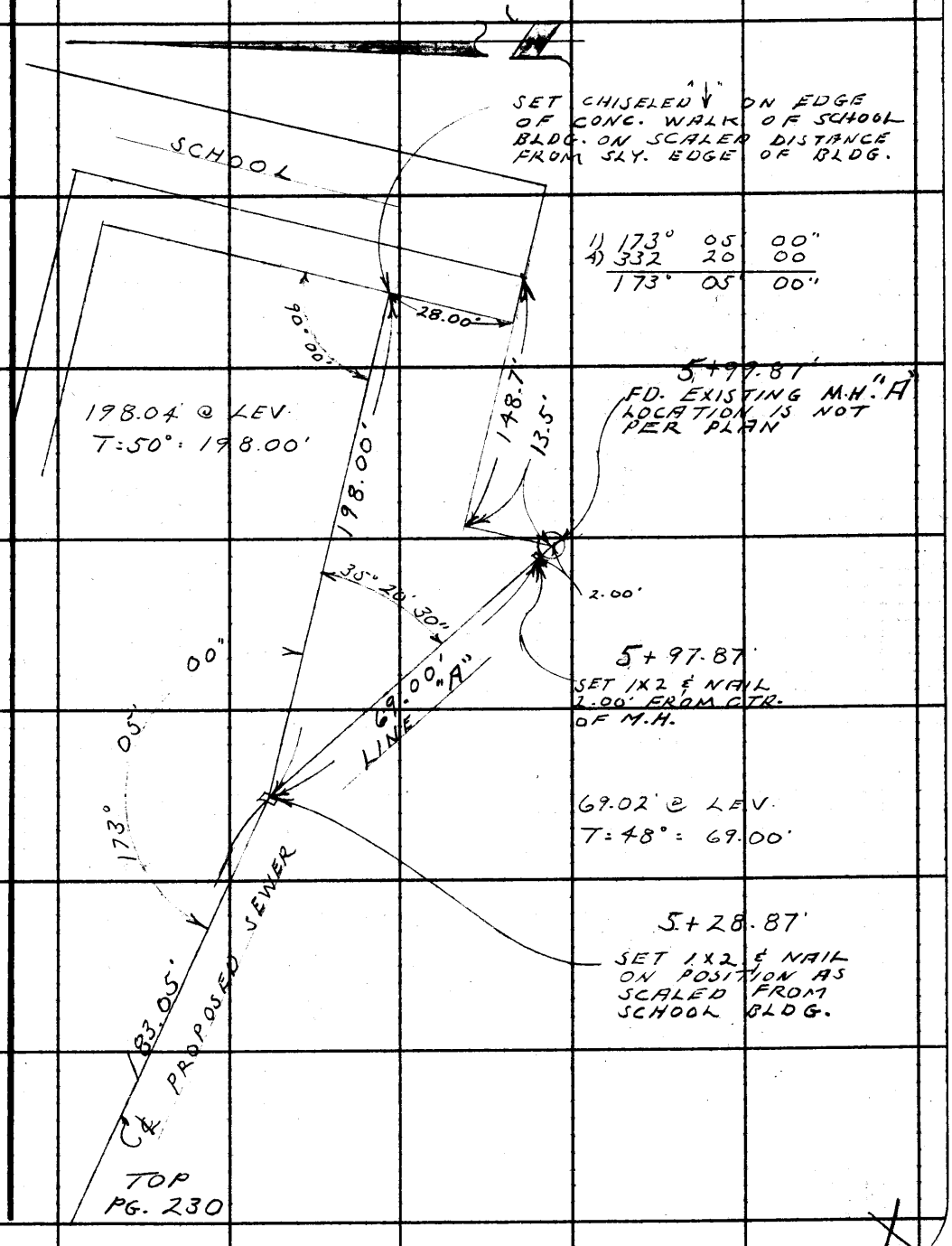
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of SCUDDER & SCOTT CAMP	F. B. 2160 PG. 231
Map No.	JN 8391-18 Tape 161 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date	
Date	Indexed C. J. GALLI	

1) 35° 20' 15"
4) 141 22 00
35° 20' 30"



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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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76F309S CE #310 6-62

F. B. 2160 PG. 232

RIGHT
PG. 230'

"C"

℄ PROPOSED SEWER LINE

296.89'

296.96' @ LEV.
T = 50° = 296.89'

3+54.42
SET 1x2 ℄ NAIL
3.00' NLY OF CTR
OF M.H.

3.00'

3+57.4'
M.H. "C"
DISTRIB. BOX

30.84'

127.94'

RECREATION
BLDG.

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Notes Ck'd by	Survey of SNODDER SCOTT
Map No.	JN 3391-18 Tape 161 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 7-66
Date	Indexed C. L. GALLI

F. B. 2160 PG. 233

RIGHT
PG. 229

103.70'

103.71' @ LEV
T = 62° = 103.70'

1+03.70'
SET 1X2 & NAIL

84.38' LINE "X"

84.39' @ LEV.
T = 62° = 84.38'

108° 49' 22"

FORESTRY BLDG.

1+88.08'
SET 1X2 & NAIL

29.72'

3.2'

CONC. RAMP

1) 108° 49' 00"
4) 75 17 30
108° 49' 22"

SET CHISELED LINE ON EDGE OF TOE OF CONC. RAMP

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76F309S CE #310 6-62

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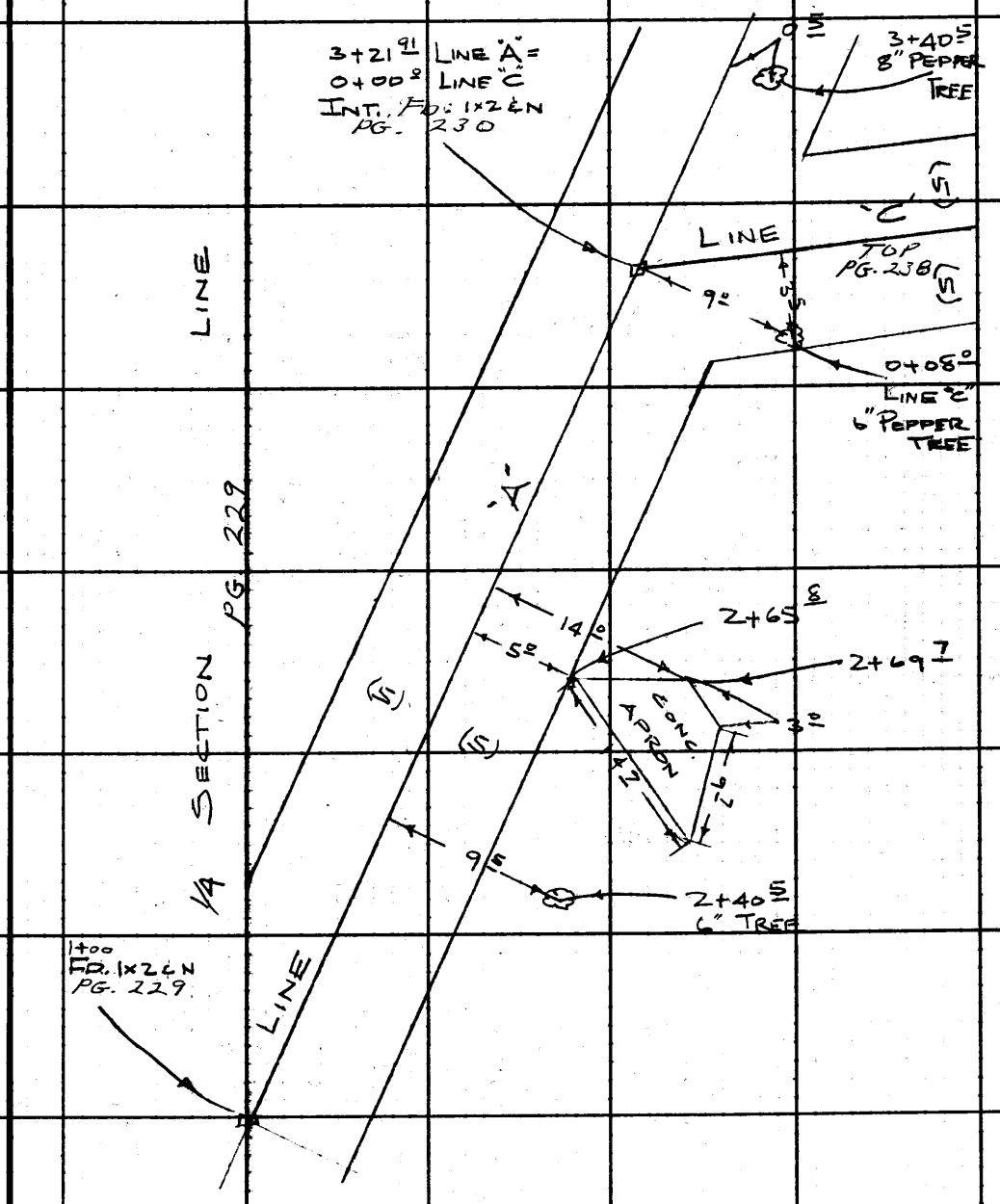
F. B. 2160 PG 234

Notes Ck'd by	Survey of SCUDDER-SCOTT CAMP	F. B. 2160 PG. 235
Map No.	JN 8391.18 Tape 161 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes R.L. STRADER Date 1-3-66	
Date	Indexed	



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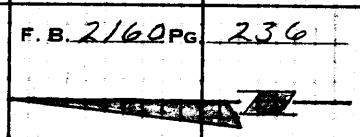
76F309S CE #3 0 6-62

F. B. 2160 PG. 236



BOT
PG. 237

4+59 7
3/4" WATER LINE

"A"

14 5

15°

2 31

3+77 0
T3C
HEADER BOARD

(S)
LINE
(E)

3+62 5
1" RISER

42

4+33 41
3" VACUUM BREAKER
UP 3 81

3+57 5
8" PEPPER TREE

5°

3+62 5
3/4" WATER LINE

3+57 3
HEADER BOARD

3+45 82
SET 1x2 E N
PG. 230

(5')
TOP
PG. 235

(5')

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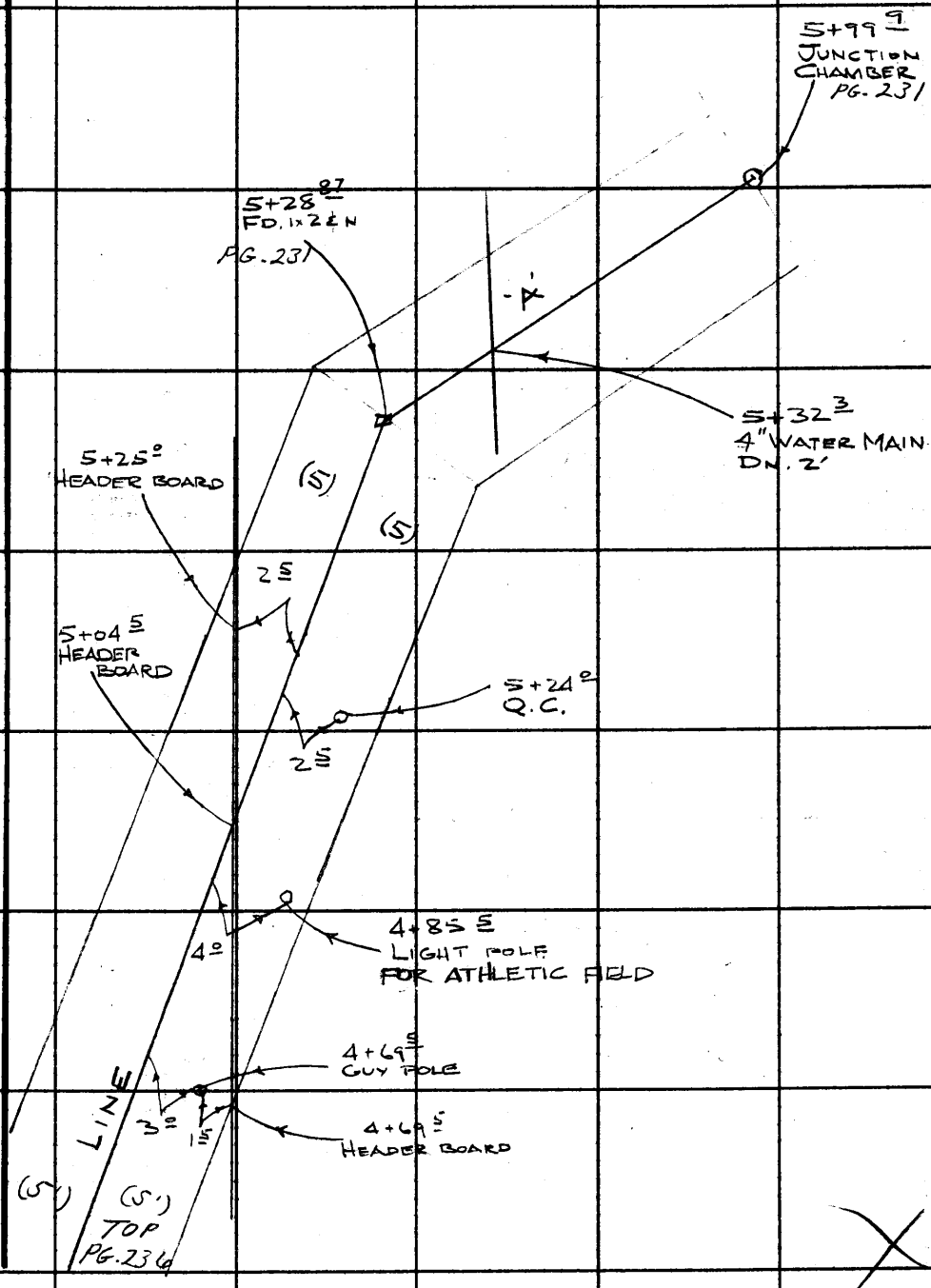
Notes Ck'd by	Survey of STUDDER-SCOTT CAMP
Map No.	JN 8391.18 Tape 16/ Std 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes R.L. STRADER Date 1-4-66
Date	Indexed G. J. CALL

F. B. 2160 PG. 237



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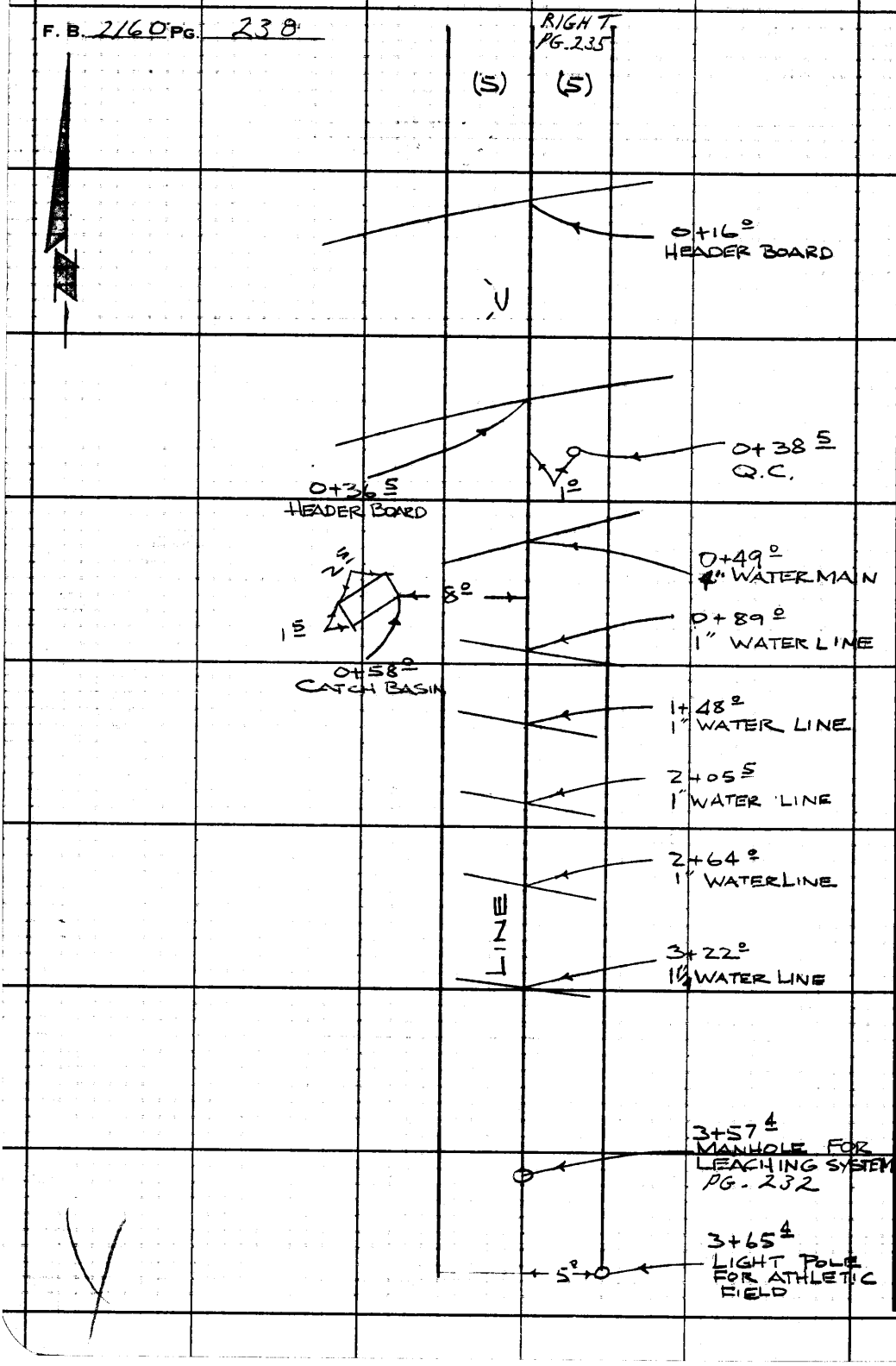
78F3095 C.E. #310 6-62

F. B. 2160 PG. 238



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Notes Ck'd by	Survey of SCUDDER-SCOTT
Map No.	JN 8391-18 Tape 161 Std 84 °F
Office Work	Surveyed by L-V. SMITH
Checked	Notes R-L STRADER Date 1-4-66
Date	Indexed G. J. GALLI

F. B. 2160 PG. 239

1+00 LINE 'A' =
0+00 LINE 'X'
FD. 1 x 2 & NAIL
PG. 229

1/4 SECTION LINE

LINE 'A'

0+38 ℓ
3" PEPPER TREE

(5)

8 ℓ

(5)
10 ℓ

0+23 ℓ
6"- 2 PRONG PEPPER TREE

0+97 ≦
5" PINE

= X =

4 ℓ

3 ℓ

0+99 ≦
5" PINE

3" PINE

4" PINE
ROW OF PINE
9' CENTERS

1+03 To
SET 1 x 2 & NAIL

1+07 ≙
3" CYPRESS

LINE 'W'

2 ℓ

3 ℓ

1+09 ≦
3" CYPRESS

3" CYPRESS

3" CYPRESS
ROW OF CYPRESS
7' CENTERS

TOP
PG. 240

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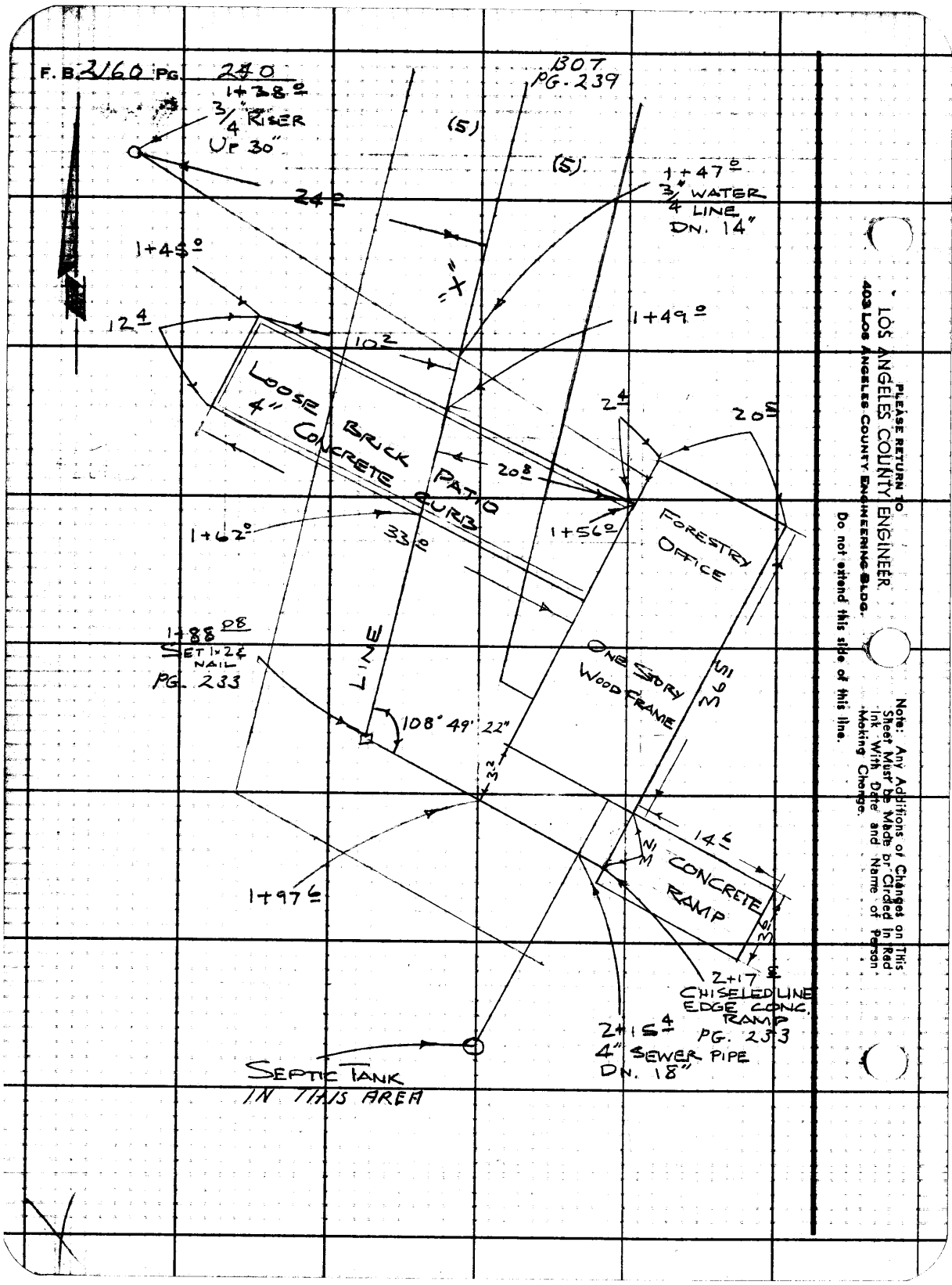
74E3093 C.E. #310 6-62


F. B. 2160 PG. 240
1+38.0
3/4" RISER
UP 30"
BOT
PG. 239
(5)
(5)
24.2
1+47.0
3/4" WATER
LINE
DN. 14"
1+45.0
"X"
12.4
10.2
1+49.0
LOOSE BRICK PATIO
4" CONCRETE CURB
2.4
20.5
20.8
1+62.0
33.0
1+56.0
FORESTRY
OFFICE
1+88.08
SET 1x2 & NAIL
PG. 233
LINE
ONE STORY
WOOD FRAME
36.5
108° 49' 22"
3.2
14.6
CONCRETE
RAMP
1+97.6
3.6
2+17.8
CHISELED LINE
EDGE CONC.
RAMP
PG. 233
2+15.4
4" SEWER PIPE
DN. 18"
SEPTIC TANK
IN THIS AREA
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F.B. 2160 Pg. 241

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 8391.18 Division No. ____

Survey of SCUDDER-SCOTT BOYS CAMPS

Survey by L.V.S. Notes R.L.S. Date 1-5-66

Map No. ____ Indexed C. J. GALLI Date 1-1-66

KENYON SCUDDER BOY'S CAMP

J.N. 8391.18

CROSS SECTION ON PROPOSED SEWER LINES.

NOTE

ELEVATIONS ARE BASED ON ELEV. OF T.B.M. #7 F.B 1844-9 - THIS IS 2.00' LOWER THAN U.S.G.S 1928 ADJ. AND 1.78' LOWER THAN L.A. CO. RD. DEPT. DATUM

JAN. 1966

STATION	B.S.	H.I.	F.S.	ELEV.
		REF. F.B. 1844		

PARTY
L.V. SMITH
R.L. STRADER
M.E. WACKER
I.T. RANGEL

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2160 Pg. 242 | Job No. 8381.18 | Division No. | Notes Red | Plotted | Profile
Survey of SCUDDER - SCOTT BOYS CAMP | Date | Date | No.
Survey by L.V. SMITH Notes R.L. STRADER | Notes Chkd. | Checked | X-Sec.
Indexed G.I. GALLI Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT - LINE A - RIGHT
TBM #7	7 01	1424 58		1417 57	TBM #7 - A PK. NAIL SET IN LEAD IN THE S.W. SIDE OF A CIRCULAR CONC. BASE FOR A PRESSURE WATER TANK - 68° ± SO. OF THE ℄ OF BOUQUET CYN. RD. & 1297 ± N. & W. OF THE COMMON ¼ COR. OF SECT. 5 & 6 - T.4N. - R.15W. A 2" IP BRASS CAP MON. F.B. 1844 - 9
1+00	11 67	1433 44	2 81	1421 77	FD. 1×2 & NAIL PG ℄ 229 - 235
"			11 3	1422 1	5' GROUND
"			13 0	1420 4	5' GR.
1+25			9 8	1423 6	℄
"			9 8	1423 6	5' GR.
"			10 1	1423 3	5' GR.
1+50			8 7	1424 7	℄
"			8 7	1424 7	5' GR.
"			8 6	1424 8	5' GR.
1+75			7 4	1426 0	℄
"			7 5	1425 9	5' GR.
"			7 3	1426 1	5' GR.
2+00			5 2	1428 2	℄
"			5 4	1428 0	5' GR.
"			5 5	1427 9	5' GR.
2+25			4 6	1428 8	℄
"			5 0	1428 4	5' GR.
"			4 5	1428 9	5' GR.

76-L298 CE 307 3-61

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Profile Notes Red Plotted Job No. 8371/8 Division No.
No. Date Date Survey of SCUDDER-SCOTT BOYS CAMP
X-Sec. Notes Chkd. Checked Survey by A.Y.J. Notes R.L.J. Date JAN. 66
No. Date Date Map No. Indexed GALLI Date

F.B. 2160 Pg. 243

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT - LINE A.	RIGHT
		143344				
2+50			32	14302.		℄
"			46	14288.		5' TOE SLOPE
"			12	14322.	5' GROUND	
2+65.7			11	14323.		℄
"			397	14294.		5' N.E. COR. CONC. APRON
"			01	14333.	5' GR.	
TP	1084	144342.	086	143258.		
2+69.5			111	14323.		℄
"			1084	143258.		14' S.E. COR. HEADWALL
"			95	14339.	5' GR.	
2+75			97	14337.		℄
"			89	14345.		5' GR.
"			83	14351.	5' GR	
2+87			75	14359.		℄ TOE SLOPE
"			53	14381.		5' GR.
"			85	14349.	5' GR	
3+00			31	14403.		℄
"			10	14424.		5' GR.
"			52	14382.	5' GR.	
TP			00	144342		

76-L298 CE 307 3-61

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F.B. 2160 Pg. 244 | Job No. 8391.18 | Division No. | Notes Red | Plotted | Profile
Survey of SCHRADER-SCOTT BOY'S CAMP | Date | Date | No.
Survey by L.V. SMITH | Notes R.L. STRADER | Notes Chkd. | Checked | X-Sec.
Indexed C.J. CAHILL | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT - LINE - RIGHT
TP	8 78	145220	•	144342 •	
3+25			6 3	14459 •	℄
"			4 9	14473 •	5' GR.
"			8 0	1444 2 •	5' GR.
3+32			5 0	1447 2 •	℄ TOP BREAK
"			4 6	1447 6 •	5' GR.
"			6 5	1445 7 •	5' GR
3+50			4 6	1447 6 •	℄
"			4 8	1447 4 •	5' GR.
"			4 7	1447 5 •	5' TOP BREAK
3+62.5			4 8	1447 4 •	℄ 3/4" WATER LINE DN. 15' PG. 236
3+75			4 7	1447 5 •	℄
"			4 7	1447 5 •	5' GR.
"			4 6	1447 6 •	5' GR.
4+00			4 7	1447 5 •	℄
"			4 8	1447 4 •	5' GR.
"			4 8	1447 4 •	5' GR.
4+25			4 6	1447 6 •	℄
"			4 7	1447 5 •	5 GR.
"			4 7	1447 5 •	5' GR.
4+50			4 5	1447 7 •	℄

76-L298 CE 307 3-61

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Profile Notes Red Plotted Job No. 8311.18 Division No.
No. Date Date Survey of SNYDER - SCOTT BOYS CAMP
X-Sec. Notes Chkd. Checked Survey by L.V.S. Notes R.L.S. Date JAN. 66
No. Date Date Map No. Indexed CALC Date

F.B. 2160 PG. 245

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT - LINE A - RIGHT
		145220			
4+50			4 6	14476	5' GR.
"			4 5	14477	5' GR
4+59.7			4 5	14477	℄ 3/4" WATER LINE DN. 2' PG. 236
4+75			4 6	14476	℄
"			4 5	14477	5' GR.
"			4 5	14477	5' GR.
5+00			4 8	14474	℄
"			4 6	14476	5' GR.
"			4 6	14476	5' GR.
5+25			4 5	14477	
"			4 6	14476	5' GR.
"			4 7	14475	5' GR.
5+28.87			4 5	14477	FD 1x2 & NAIL ANGLE PT. ℄ PG. 231 - 237
5+32.3			4 6	14476	℄ 4" WATER MAIN PG. 237 DN. 2' TOP PIPE
5+50			4 6	14476	℄
"			4 7	14475	5' GR
"			4 6	14476	5' GR.
TP	0 74	145187	1 07	145113	
5+75			4 3	14476	℄
"			4 3	14476	5' GR

76-L298 CE 307 3-61

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F.B. 2/60 Pg. 246 Job No. 8391-8 Division No. Notes Red Plotted Profile
Survey of SCHLOUDER-SCOTT, BOY'S CAMP Date Date No. X-Sec.
Survey by J. V. SMITH Notes A. A. STRAUER Notes Chkd. Checked
Indexed C. J. GALL Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT - LINE A - RIGHT
		1451 87			
5+75			4 2	1447	5' GROUND
5+99			9 50	1442 37	INLET - EASTERLY
"			9 17	1442 70	OUTLET - SOUTHERLY
"			9 23	1442 64	OUTLET - WESTERLY
"			8 56	1443 31	OUTLET - NORTHERLY
TP	0 27	1451 40	0 7+	1451 13	- LINE C' -
0+00			6 0	1445 4	FD. 1x2 & NAIL PG 229 - 235
0+05			4 2	1447 2	℄ TOP BANK
"			4 1	1447 3	5' TOP BANK
"			4 2	1447 2	5' TOP BANK
0+25			3 9	1447 5	℄
"			3 9	1447 5	5' GR
"			3 9	1447 5	5' GR.
0+49			4 8	1446 6	℄ 4" WATER MAIN - DN. 2' PG. 238
0+50			5 0	1446 4	℄
"			5 0	1446 4	5' GR.
"			5 0	1446 4	5' GR.
0+56			5 4	1446 0	℄
"			5 4	1446 0	5' GR.
"			5 3	1446 1	5' GR.
0+75			5 6	1445 8	℄

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT - LINE	C - RIGHT
		1451 40				
0+75			58	14456		5' GR.
"			55	14459	5' GR.	
0+89			56	14458		℄ 1" WATER LINE - DN. 2' ± PG. 238'
1+00			55	14459		℄
"			55	14459		5' GR.
"			55	14459	5' GR.	
1+25			52	14462		℄
"			52	14462		5' GR.
"			54	14460	5' GR.	
1+48			50	14464		℄ 1" WATER LINE - DN. 2' ± PG. 238'
1+50			50	14464		℄
"			50	14464		5' GR.
"			50	14464	5' GR.	
1+75			48	14466		℄
"			48	14466		5' GR
"			48	14466	5' GR.	
2+00			47	14467		℄
"			46	14468		5' GR
"			47	14467	5' GR.	
2+05.5			46	14468		℄ 1" WATER LINE - DN. 2' ± PG. 238'

Profile Notes Red ____ Plotted ____ Job No. 8391.18 Division No. ____ F.B. 2160 PG. 247
No. ____ Date ____ Date ____ Survey of SCUDDER-SCOTT BOY'S CAMP
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V.S. Notes R.L.S. Date JAN. 1965
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. [illegible] Date ____

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.	LEFT - LINE	C - RIGHT
		1451 40'				
2+25			46	14468		℄
"			46	14468		5' GR.
"			45	14469	5' GR.	
2+50			47	14467		℄
"			46	14468		5' GR.
"			46	14468	5' GR.	
2+64			45	14469		℄ 1" WATER LINE - DN. 2' ± PG. 238
2+75			46	14468		℄
"			46	14468		5' GR.
"			46	14468	5' GR.	
3+00			45	14469		℄
"			45	14469		5' GR.
"			45	14469	5' GR.	
3+22			43	14471		℄ 1¼" WATER LINE - DN. 2' ± PG. 238
3+25			43	14471		℄
"			42	14472		5' GR.
"			44	14470	5' GR.	
3+54 42			40	14474	FD 1x2 & NAIL	℄
"			40	14474		5' GR.
"			41	14473	5' GR.	

F.B. 2160 PG. 248
Job No. 8391.18 Division No. Notes Red Plotted Profile
Survey of SCUDDER-SCOTT BOY'S CAMP Date Date No.
Survey by L.V. SMITH Notes R.L. STRADER Notes Chkd. Checked X-Sec.
Indexed C. I. GALLS Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT - LINE C - RIGHT
		1451 40			
3+57 42			10 64	144076	INLET - SOUTHERLY
			11 02	144038	OUTLET - NORTHWESTERLY
"			11 07	144033	OUTLET - NORTHERLY
"			11 05	144035	OUTLET - NORTHEASTERLY
"			11 05	144035	OUTLET - EASTERLY
T.B.M.	1 94	1449 94	3 40	144800	SET CHISELED SQUARE 2 5' ± PROD OF EAST WALL OF RECREATION BLDG. @ ANGLE POINT CONCRETE WALK
TP	0 75	1438 66	12 03	143791	
TP	1 72	1430 87	9 51	142915	
0+00			9 10	142177	FD. 1X2 & NAIL PG. 229 - 235 - LINE ℄ "X" -
"			9 5	14214	
"			8 8	14221	
0+25			8 4	14225	℄
"			8 6	14223	5' GR.
"			8 2	14227	5' GR.
0+50			7 7	14232	℄
"			8 1	14228	5' GR.
"			7 4	14235	5' GR.
0+75			7 0	14239	℄
"			7 3	14236	5' GR.
"			6 9	14240	5' GR.

Profile Notes Red Plotted Job No 8316 Division No.
No. X-Sec. Date Date Survey of SCHNOOR - SCOTT BOYS CAMP
No. Date Notes Chkd. Date Checked Date Survey by L.V.S. Notes by L.V.S. Date JAN. 1966
Date Map No. Indexed GALU Date

F.B. 2160 PG. 249

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT - LINE	X - RIGHT
		143087				
1+00			66	14243		℄
"			68	14241		5' GR.
"			64	14245	5' GR.	
TP	580	143061	606	142481		
1+25			56	14250		℄
"			56	14250		5' GR.
"			55	14251	5' GR.	
1+47.0			55	14251	3/4" WATER LINE DN. 14'	℄ PG.
1+50			510	142551		℄ BRICK PATIO
"			511	142550		5' BRICK PATIO
"			53	14253	5' GR.	
1+62.0			504	142557		℄ BRICK PATIO
"			54	14252		5' GR.
"			504	142557	5' BRICK PATIO	
1+75			54	14252		℄
"			54	14252		5' GR.
"			53	14253	5' GR.	
1+88.08			525	142536	FD. 1x2 & NAIL - ANGLE POINT PG.	
2+00			52	14254		℄
"			53	14253		5' GR.

F.B. 2160 Pg. 250
Job No. 8391.18 Division No. Notes Red Plotted Profile
Survey of SCUDDER - SCOTT BOY'S CAMP Date Date No.
Survey by L.V. SMITH Notes R.L. STRADER Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT LINE X RIGHT
		143061			
2+00			51	14255	3' GR.-EDGE BLDG.
2+13			661	142400	℄ TOP 4" SEWER PIPE
2+13			50	14256	℄
"			50	14256	5' GR.
"			50	14256	3' GR.-EDGE BLDG.
TP	5 67	142491	1137	141924	
TBM#7			733	141758	T.B.M.#7-A PK. NAIL SET IN LEAD IN THE S.W. SIDE OF CIRCULAR CONC. BASE FOR A PRESSURE WATER TANK-68.0± SO. OF THE ℄ OF BOUQUET CYN. RD. & 129.7± N & W OF THE COMMON 1/4 COR. OF SECT. 5 & 6-T. 4 N.-R15W-A 2" I.P. BRASS CAP MON. F.B. 1844-9

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8391.18 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of SCUDDER-SCOTT BOYS CAMP
Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes R.L.S. Date JAN. 1966
No. ____ Date ____ Date ____ Map No. ____ Indexed C. I. [illegible] Date ____

F.B. 2160 PG. 251

F.B. 2160 PG. 252

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed C. J GALLI Date Date Date No.

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

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Notes Ck'd by	Survey of SCUDDER SCOTT BOY'S CAMP
Map No.	JN 8391-18 Tape 161 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 1-6-66
Date	Indexed C. J. GALLI JAN 1 1 '66

F. B. 2160 PG. 253

JOE SCOTT BOY'S CAMP

J.N. 8391.18

SURVEY FOR LOCATION & TOPOGRAPHY OF PROPOSED SEWER

JAN 1966

PARTY

L.V. SMITH
R.L. STRADER
I.T. RANGEL
M.E. WACKER

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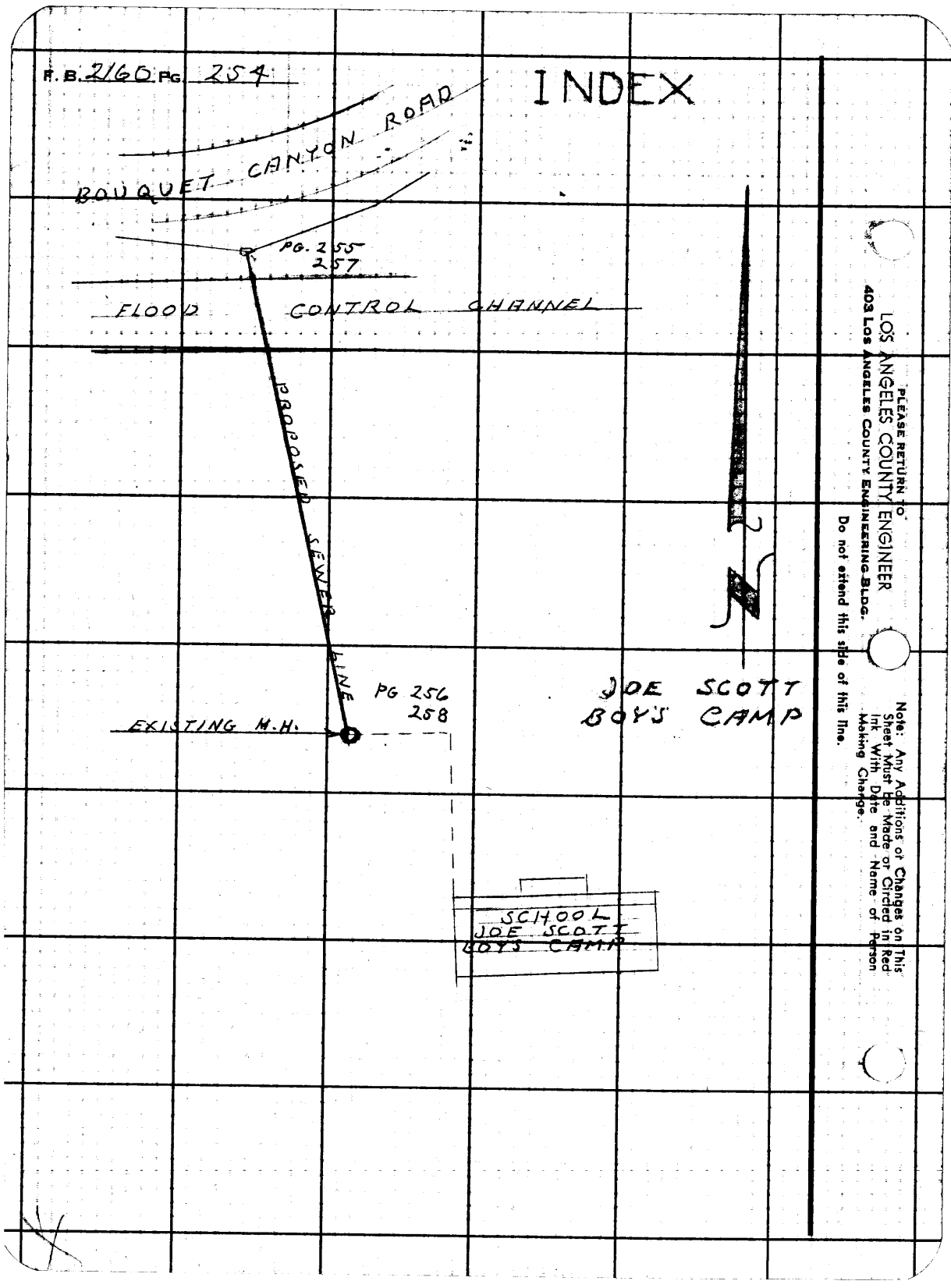
76F309S CE #310 6-62


R. B. 2160 PG. 254
INDEX
BOUQUET CANYON ROAD
PG. 255
257
FLOOD CONTROL CHANNEL
PROPOSED SEWER LINE
PG 256
258
EXISTING M.H.
JOE SCOTT
BOYS CAMP
SCHOOL
JOE SCOTT
BOYS CAMP
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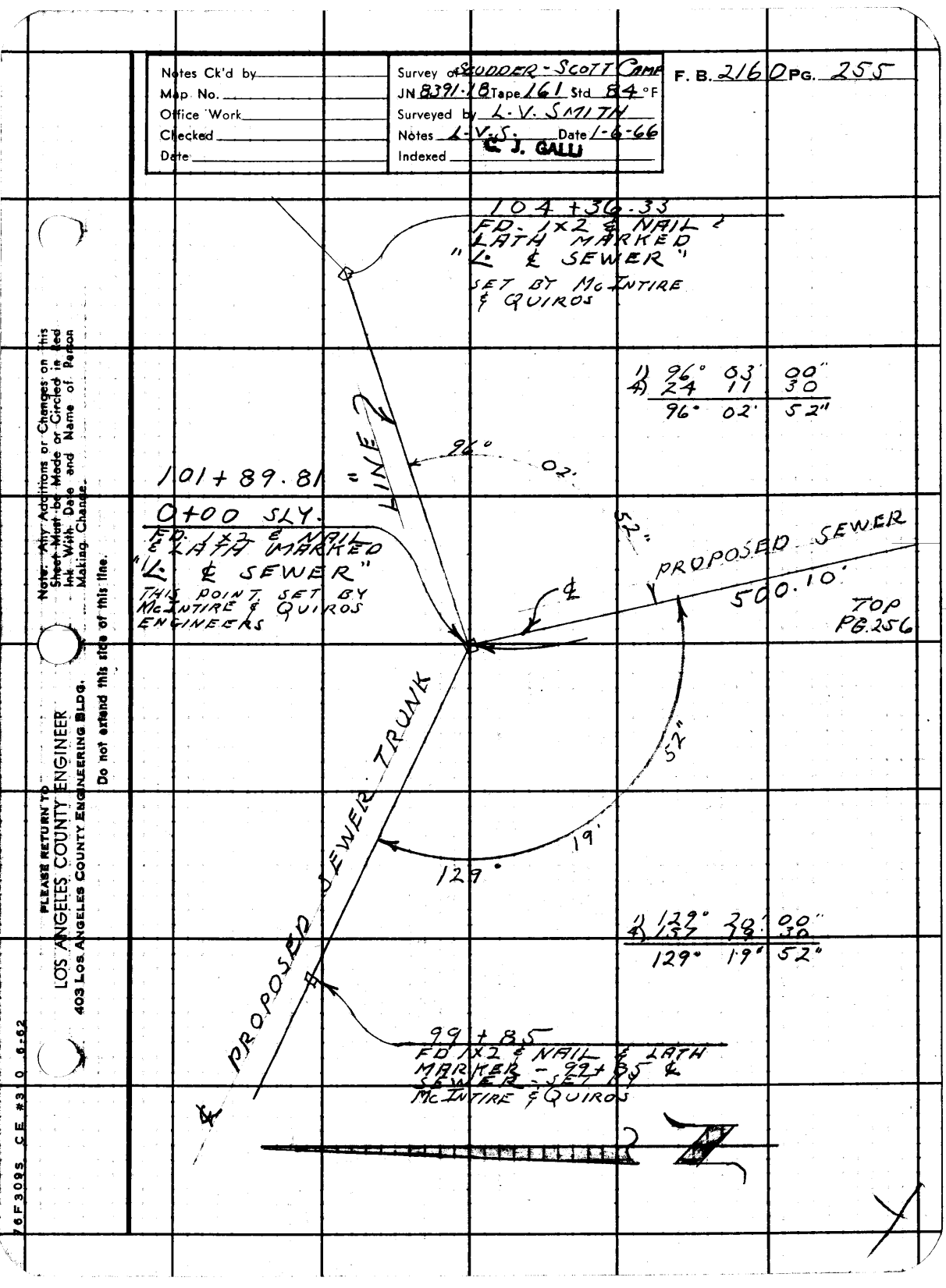
Notes Ck'd by	Survey of SNODDER - SCOTT CAMP
Map No.	JN 8391-18 Tape 161 Std 84 °F
Office Work	Surveyed by L. V. SMITH
Checked	Notes L.V.S. Date 1-6-66
Date	Indexed C. J. GALLI

F. B. 2160 PG. 255



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76F309S CE #310 6-62

F. B. 2160 PG 256

RIGHT PG 255

℄ PROPOSED SEWER 2

500.10'

300.05 @ 1°18' = 299.97
200.21 @ LEV. = 200.21
500.18

T = 60° = 500.10'

101°

22'

07"

SET 1x2 & NAIL

3.00'

3.00'

S 700.10'
M.H. "A"
FD. M.H. LOCATION
IS NOT PER PLAN

SET 1x2 & NAIL

SET 1x2 & NAIL 106.0' OFF FACE OF SCHOOL BLDG.

12.5

106.0'

106.0'

1) 101° 22' 00"
2) 45 28 30
101° 22' 07"

SCHOOL BLDG.
CAMP JOE SCOTT

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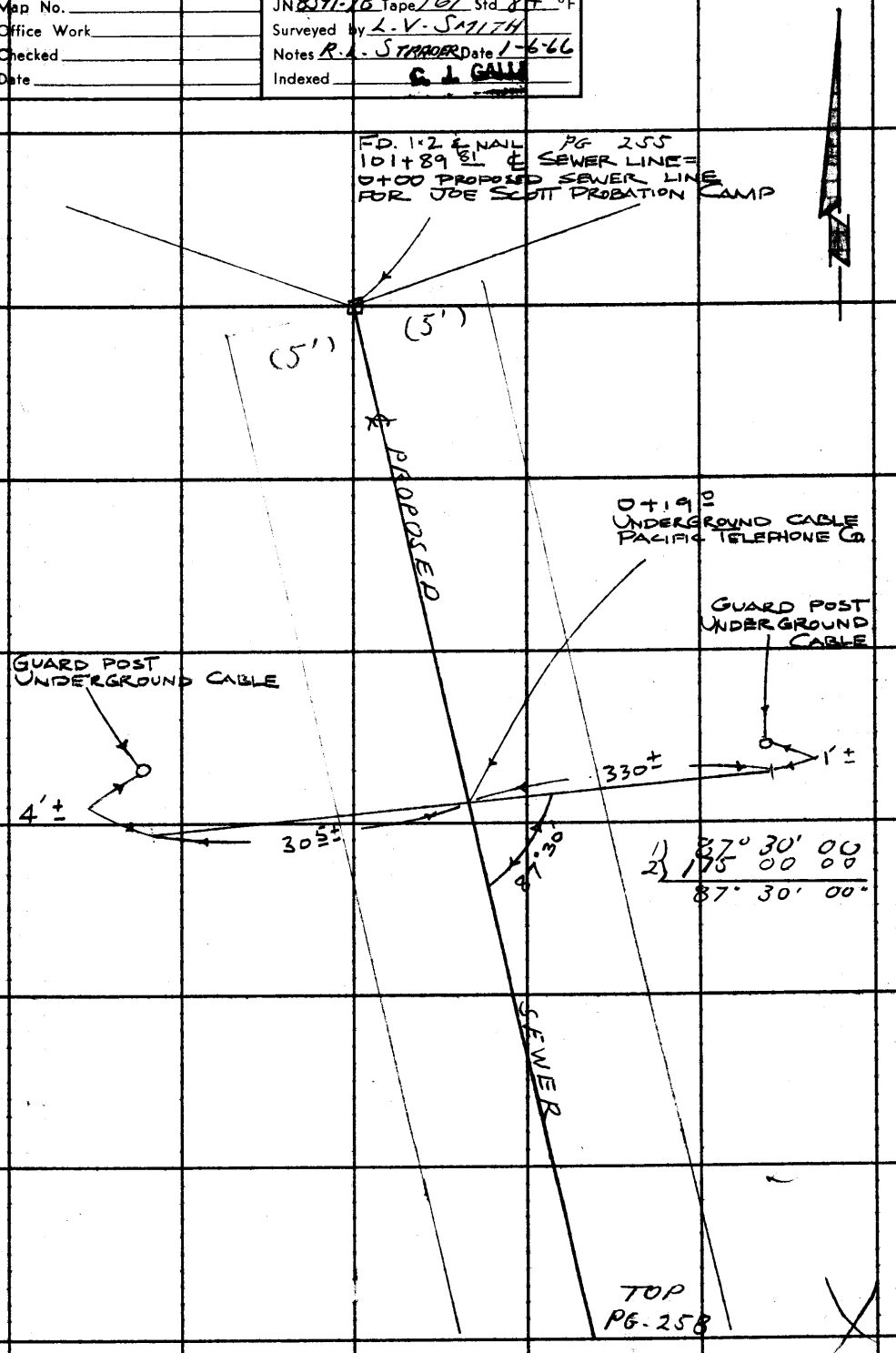
Notes Ck'd by	Survey of Scudder Scott Boys Camp
Map No.	JN 8391-18 Tape 161 Std 84 °F
Office Work	Surveyed by L. V. Smith
Checked	Notes R. L. Strader Date 1-6-66
Date	Indexed C. J. Galli

F. B. 2160 PG. 257



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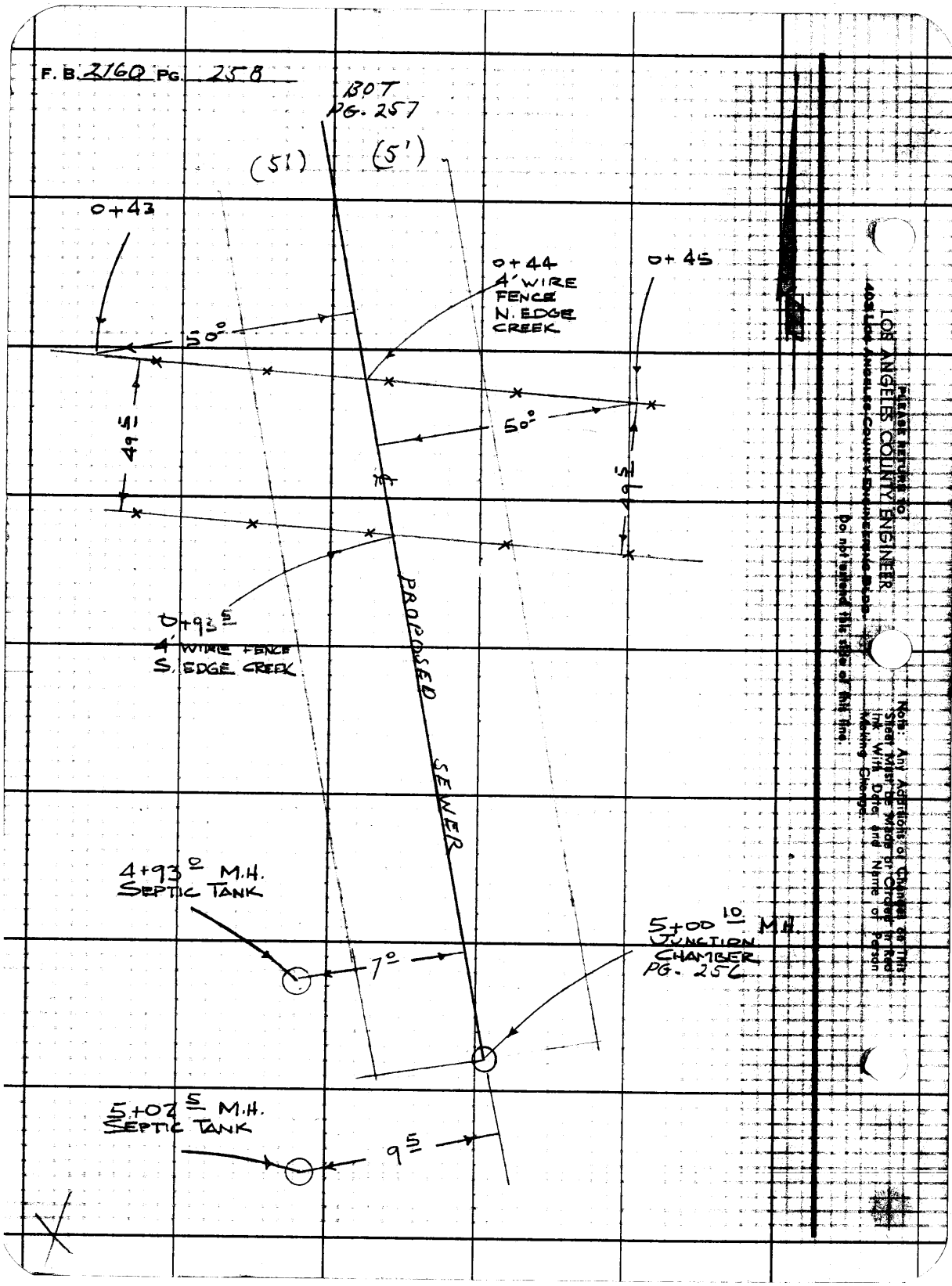
76F309S C.E. #310 6-62


F. B. 2160 PG. 258
BOT
PG. 257
(5')
(5')
0+43
0+44
4' WIRE
FENCE
N. EDGE
CREEK
0+45
50°
50°
49.5
49.5
0+93.5
4' WIRE FENCE
S. EDGE CREEK
PROPOSED SEWER
4+93.0 M.H.
SEPTIC TANK
7°
5+00.10 M.H.
JUNCTION
CHAMBER
PG. 256
5+02.5 M.H.
SEPTIC TANK
9.5
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Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8391.18 Division No. ____
Notes Chkd. ____ Date ____ Checked ____ Date ____ Map No. ____

F.B. 2160 PG. 259

Survey of SCOUDER - SCOTT BOY'S CAMPS
Survey by L.V. SMITH Notes R.L.S. Date 1-6-66
Indexed C. J. GALLI Date ____

JOE SCOTT BOY'S CAMP

J.N. 8391.18

CROSS SECTIONS ON PROPOSED SEWER LINE

NOTE

ELEVATIONS ARE BASED ON ELEV. OF T.B.M. 47 F.B. 1844-9 - THIS IS 2.00' LOWER THAN U.S.G.S. 1928 ADJ. AND 1.78' LOWER THAN L.A. CO. RD. DEPT. DATUM.

JAN. 1966

STATION	B.S.	H.I.	F.S.	ELEV.
		REF. F.B. 1844		

PARTY
L.V. SMITH
R.L. STRADER
M.E. WACKER
I.T. RANGEL

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F.B. 2/60 Pg. 260 Job No. 8197-18 Division No. Notes Red Plotted Profile
Survey of Scudder - Scott Co's Camp Date Date No. X-Sec.
Survey by A. V. Sayre Notes R. A. Stauder Notes Chkd. Checked
Indexed C. J. GALL Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
TBM #7	1.35	1418.92		1417.57	TBM #7 - A PK. NAIL SET IN LEAD IN THE S.W. SIDE A CIRCULAR CONC. BASE FOR A PRESSURE WATER TANK - 68° ± SO. OF THE ℄ OF BOUQUET CYN. RD. & 129.7 ± N. & W. OF THE COMMON ¼ COR. OF SECT. 5 & 6 - T.4N. - R.1SW. - A 2" I.P. BRASS CAP MON. PER FB 1844-9	
TP	0.37	1407.49	11.80	1407.12		
0-25			5.6	1401.9		℄
"			5.7	1401.8		5' GROUND
"			5.7	1401.8	5' GR.	
0+00			5.73	1401.76	FD. 1×2 & NAIL	℄
"			5.8	1401.7		5' GR.
"			5.7	1401.8	5' GR	
0+19			3.7	1403.8		℄ UNDERGROUND CABLE UNDETERMINED DEPTH
0+21			3.1	1404.4		℄ TOP SLOPE
"			3.2	1404.3		5' TOP SLOPE
"			3.1	1404.4	5' TOP SLOPE	
0+25			2.9	1404.6		℄
"			3.0	1404.5		5' GR.
"			2.9	1404.6	5' GR.	
0+32			2.9	1404.6		℄ TOP SLOPE
"			2.8	1404.7		5' TOP SLOPE
"			2.8	1404.7	5' TOP SLOPE	
TP	5.92	1407.69	5.72	1401.77		

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Profile Notes Red Plotted Job No. 8321.18 Division No.
No. X-Sec. Date Date Survey of SCUDDER SCOTT BEAN CAMP
No. Notes Chkd. Checked Survey by K.V. SMITH Notes K.V.S. Date
Date Date Map No. Indexed C. J. CALLI Date

F.B. 2160 PG. 26

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		1407 69				
0+44			93	13984.		℄ N. SIDE CREEK @ WIRE FENCE
"			94	13983		5' N. SIDE CREEK @ WIRE FENCE
"			92	13985	5' N. SIDE CREEK @ WIRE FENCE	
0+50			93	13984		℄
"			94	13983.		5' GROUND
"			92	13985	5' GR.	
0+75			91	13986		℄
"			92	13985.		5' GR.
"			91	13986	5' GR.	
0+93.5			89	13988		℄ S. SIDE CREEK @ WIRE FENCE
"			85	13992		5' S. SIDE CREEK @ WIRE FENCE
"			86	13991	5' S. SIDE CREEK @ WIRE FENCE	
1+00			62	14015		℄
"			63	14014		5' GR.
"			63	14014	5' GR.	
1+09.5			21	14056		℄ TOP SLOPE
"			20	14057		5' TOP SLOPE
"			22	14055	5' TOP SLOPE	
1+20			26	14051		℄ TOP SLOPE
"			26	14051		5' TOP SLOPE

76-L298 CE 307 3-61

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F.B. 2/60 Pg. 262 Job No 8211-18 Division No. Notes Red Plotted Profile
Survey of Sewages Scott Bar's Camp Date Date No. X-Sec.
Survey by L.V. Smith Notes L-V.S. Notes Chkd. Checked No.
Indexed C. J. GALE Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		1407 69				
1+20			26	14051	5' TOP SLOPE	
1+25			38	14039		℄
"			38	14039		5' GR.
"			38	14039	5' GR.	
1+50			59	14018		℄ BOT. SLOPE
"			60	14017		5' BOT. SLOPE
"			59	14018	5' BOT. SLOPE	
1+75			62	14015		℄
"			62	14015		5' GR.
"			62	14015	5' GR.	
2+00			61	14016		℄
"			60	14017		5 GR.
"			61	14016	5' GR.	
2+25			59	14018		℄
"			55	14022		5' GR.
"			59	14018	5' GR.	
2+50			53	14024		℄
"			51	14026		5' GR.
"			58	14019	5' GR.	
TP	6.58	1409.43	4.84	14028.5		

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		1409 43				
2+75			69	14025		℄
"			69	14025		5' GR.
"			70	14024	5' GR.	
3+00			68	14026		℄
"			68	14026		5' GR.
"			67	14027	5' GR.	
3+25			68	14026		℄
"			65	14029		5' GR.
"			63	14031	5' GR.	
3+50			62	14032		℄
"			64	14030		5' GR.
"			60	14034	5' GR.	
3+75			60	14034		℄
"			61	14033		5' GR.
"			60	14034	5' GR.	
4+00			53	14041		℄
"			53	14041		5' GR.
"			51	14043	5' GR.	
4+25			50	14044		℄
"			47	14047		5' GR.

Profile Notes Red ____ Plotted ____ Job No. 8391.18 Division No. ____ F.B. 2160 PG. 263
No. ____ Date ____ Date ____ Survey of SCUDDER-SCOTT BOY'S CAMP
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes R.L.S. Date 1-7-66
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	[illegible]	[illegible]	LEFT	RIGHT
		140943				
4+25			50	14044	5' GR.	
4+50			44	14050		℄
"			45	14049		5' GR.
"			43	14051	5' GR.	
4+75			37	14057		℄
"			39	14055		5' GR.
"			37	14057	5' GR.	
4+97			31	14063	FD. 1x2	℄
"			31	14063		5' GR.
"			27	14067	5' GR.	
5+00± DIVERSION BOX			596	140347	INLET - SOUTH	
			615	140328	OUTLET - SOUTHWESTERLY	
			629	140314	OUTLET - NORTHWESTERLY	
TP	869	141143	669	140274		
TP	1140	141990	293	140850		
TBM #7			233	141757	T.B.M. #7 - A PK. NAIL SET IN LEAD IN THE S.W. SIDE OF A CIRCULAR CONC. BASE FOR A PRESSURE WATER TANK - 68° ± SO. OF THE ℄ OF BOUQUET CYN. RD. & 129.7 ± N. & W. OF THE COMMON 1/4 COR. OF SECT. 5 & 6 - T.4N. - R.15W. - A 2" I.P. BRASS CAP MON. PER F.B. 1844-9	

F.B. 2160 Pg. 264

Survey of Scudder-Scott Boy's Camp
Survey by L.V. Smith Notes R.L. Strader
Indexed C. J. Galli Date
Job No. 8391.18 Division No.
Notes Red Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
K-Sec. No.