DATE	J.N.	DESCRIPTION	NOTES	PAGES
		C.I. 1325 EMPEROR AVE. Cont From F.B. 1577		
1-50	1925	DUARTE RD. Sunset Blvd. to Oak Ave.	Topog	5-8
			House Location	9-12
			X-sect	13-22
"	"	EMPEROR AVE. Oak Ave. to End of Emperor Ave.	Topog	23-26
			X-sect	27-34
"	"	PRIVAT RD.N.of LEMON AVE. — Golden West Ave. East 660'	Topog	35-38
			X-sect	39-44
12-50	"	PRIVATE ST.(East of Oak St.) Camino Real Ave. to S outh	℄ & Ties	45-46
			Topog	47-48
			X-sect	49-52
5-55	1802.14	EARLE STREET	B.M.	53-54
"	"	S.R/W &Willard Ave.Broadway To Live Oak Ave	topog	55-58
"	"	" "	x.sec	59-64
"	"	Earle St. From Live Oak Ave To S. End St.	topog	65-66
"	"	" "	x.sec	67-70
"	"	S.S.R/W.From BROADWAY To S.End Willard Ave	topog	71-74
"	"	" " "	x.sec	75-78
"	"	S.M.H.Inverts.Live Oak Ave.& Earle St.	elev	79-80
10-56	1932.14	Hawthorne Ave. S.S. Bench Levels	B.M.	81-90
"	"	Center Line	C.L.	91-100
"	"	Hawthorne Ave.From Tailsman St. To 186 St.	topog	101-108
"	"	" " "	x-sec	109-120
6-57	1991.14	168 Th Street. Center Line Survey	C.L.	125-128
"	"	Bench Mark Levels.	B.M.	133-136
"	"	168 Th St. From Broadway To FiguerOa St.	topog	137-140

Plotted by
Date
Map No.
Plotting Ck'd by

W. O. No.
Surveyed by
Date

D. S. O. No.

F.B. PG.

Mrs. Richard Mary 87
Pvt. Jo. Co. Aug 87

C.I.1991.14		168 Th Street.		
6-57	"	168 Th Street. From Broadway To Figueroa St.	x.sec	141-152
"	"	Additional Center Line On Figueroa St.	C.L.	153-154
"	"	Figueroa St. From 168Th St. To 625'N'ly.	topog	155-158
"	"	" " "	x.sec	159-162

F.B. Pg.

Chief Party Notes by Date

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

F. B. Pg.

Map No.	W. O. Tape No. Std. °F
Checked	Notes Date
Date	Indexed

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
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3068 247 10M 1-49

RETURN TO
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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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E. B. Pg.

F.B. 1614 Pg. 5

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 1325 Tape No. Std. °F
Office Work	Surveyed by Van Deren
Checked	Notes A.C.S. Date 4-4-50
Date	Indexed A. C. Johnson

C.I. #1325

TOPOGRAPHY ON DUARTE RD
FROM
SUNSET BLVD WESTERLY
TO
OAK AVENUE

EMPEROR AVENUE
SEWER DISTRICT

4-4-50
VAN DEREN
STANGELAND
BLANKENSHIP
KIERTZNER

NOTE: PVT. FROM SUNSET BLVD.
WEST TO ANGLE PT = 6" R&O
TOPPED WITH 1½ PREMIX
ANGLE PT WEST TO
OAK AVE. = 6" R&O

Cont'd From FB 1577-25S

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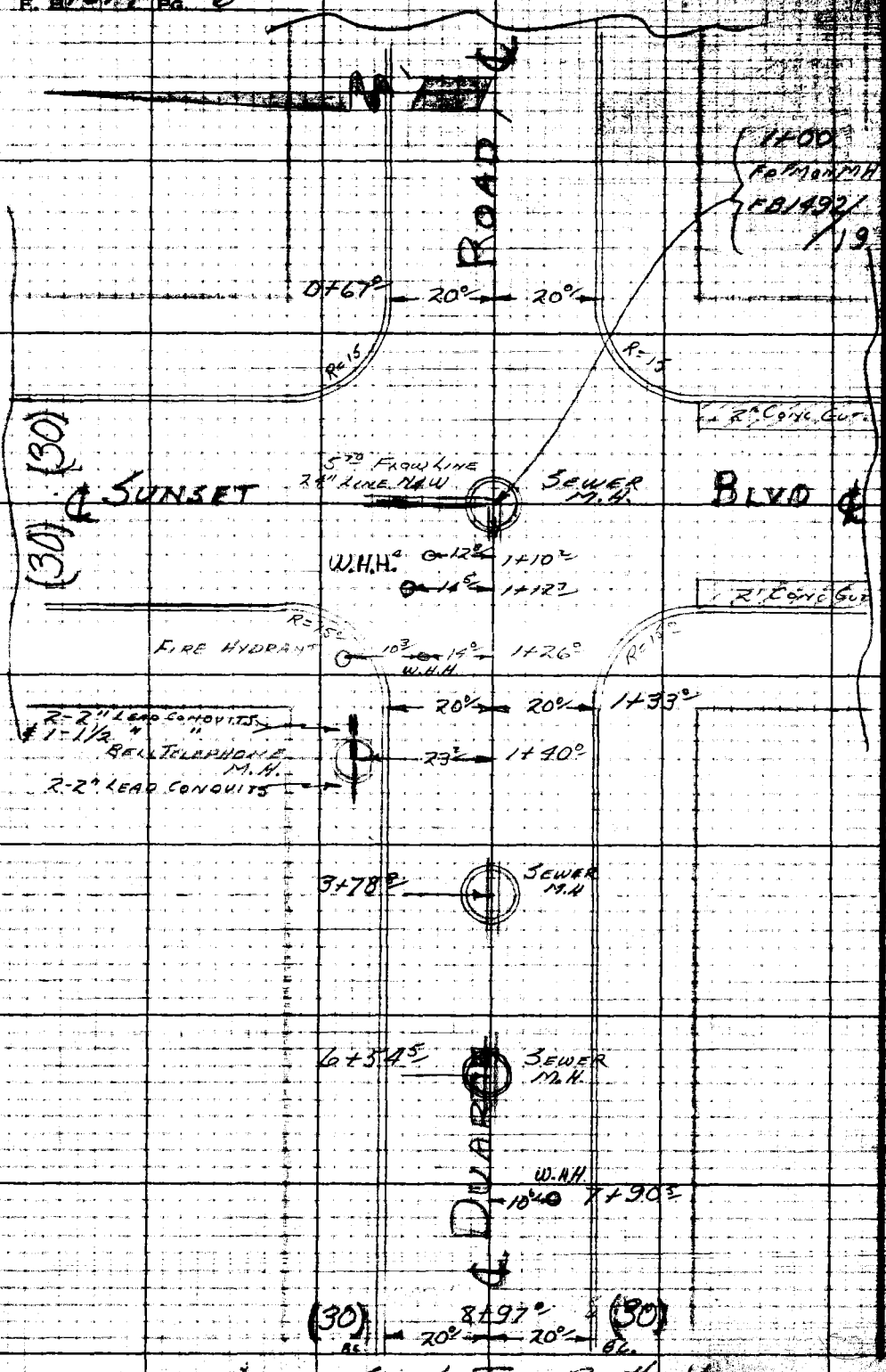
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3088 247 10M 1-49

F. B. 1611 Pg. 6



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

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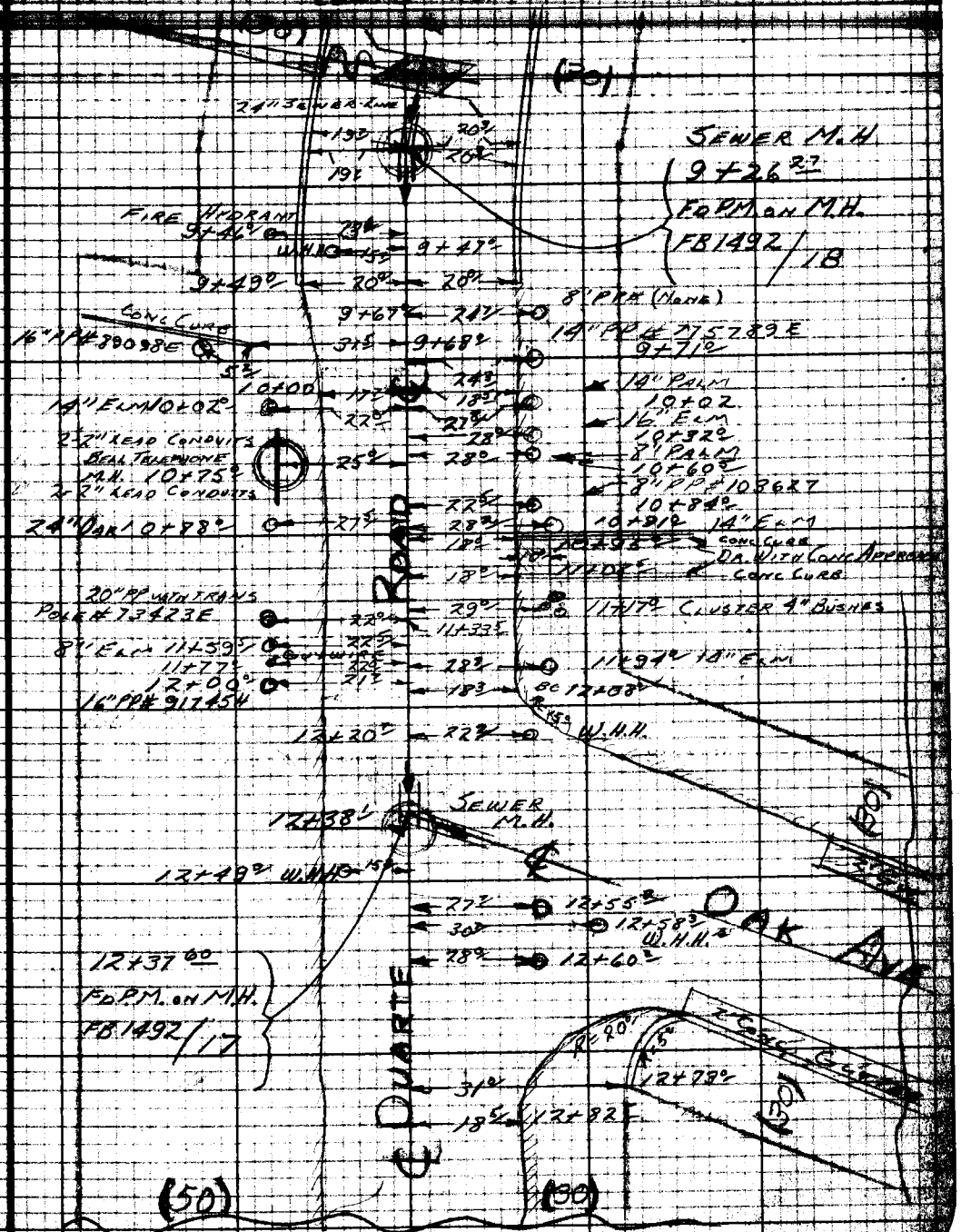
CONT'D TOP PG #11

Map No.	W.O. 1325 Tape No. Std. °F
	Surveyed by Van Doren
Checked	Notes H.C.S. Date 4-4-50
Date	Indexed C. Johnson

Continued From Bar Part #10



Note: Any Additions or Changes to this Sheet Must Be Made or Checked in Red Ink With Date and Name of Person Making Change.

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

76F3098 247 10M 1-48

F. B. 1614 Pg. 8

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726 LOS ANGELES COUNTY
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F. B. 1614 Pg. 9

Map No.	W. O. 1325 Tape No. Std. °F
Office Work	Surveyed by VAN DEREN
Checked	Notes A.C.S. Date 4-5-50
Date	Indexed R. C. Johnson

C.I. #1325

TOPOGRAPHY (HOUSE CONNECTIONS)

ON

DUARTE ROAD

FROM

SUNSET BLVD. WESTERLY

TO

OAK AVENUE

EMPEROR AVENUE

SEWER DISTRICT

4-5-50

VAN DEREN
STANGELAND
BLANKENSHIP
KIERTZNER

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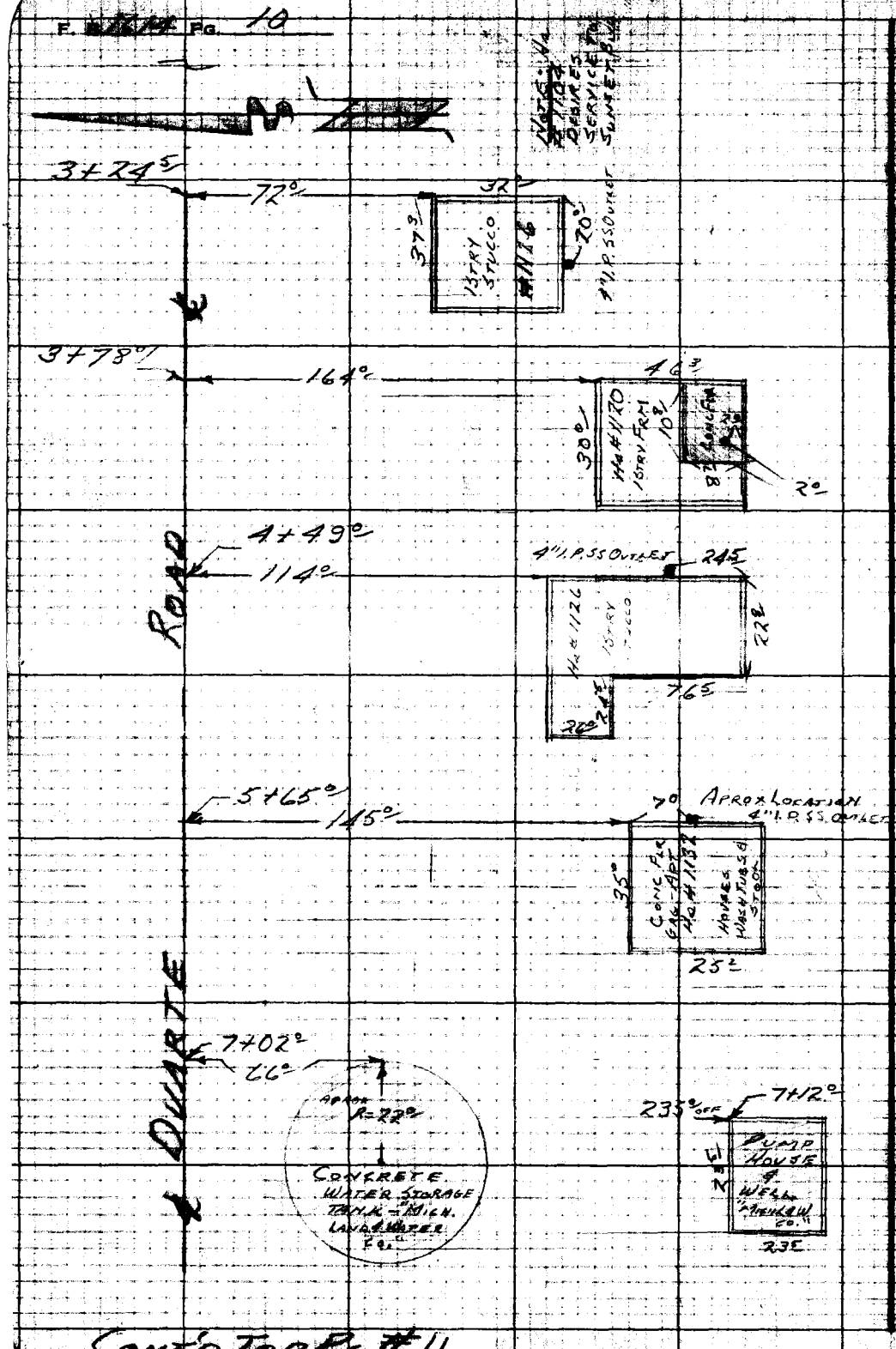
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 10M 1-49

F. [illegible] Pg. 10



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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CONT'D TOP PG #11

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

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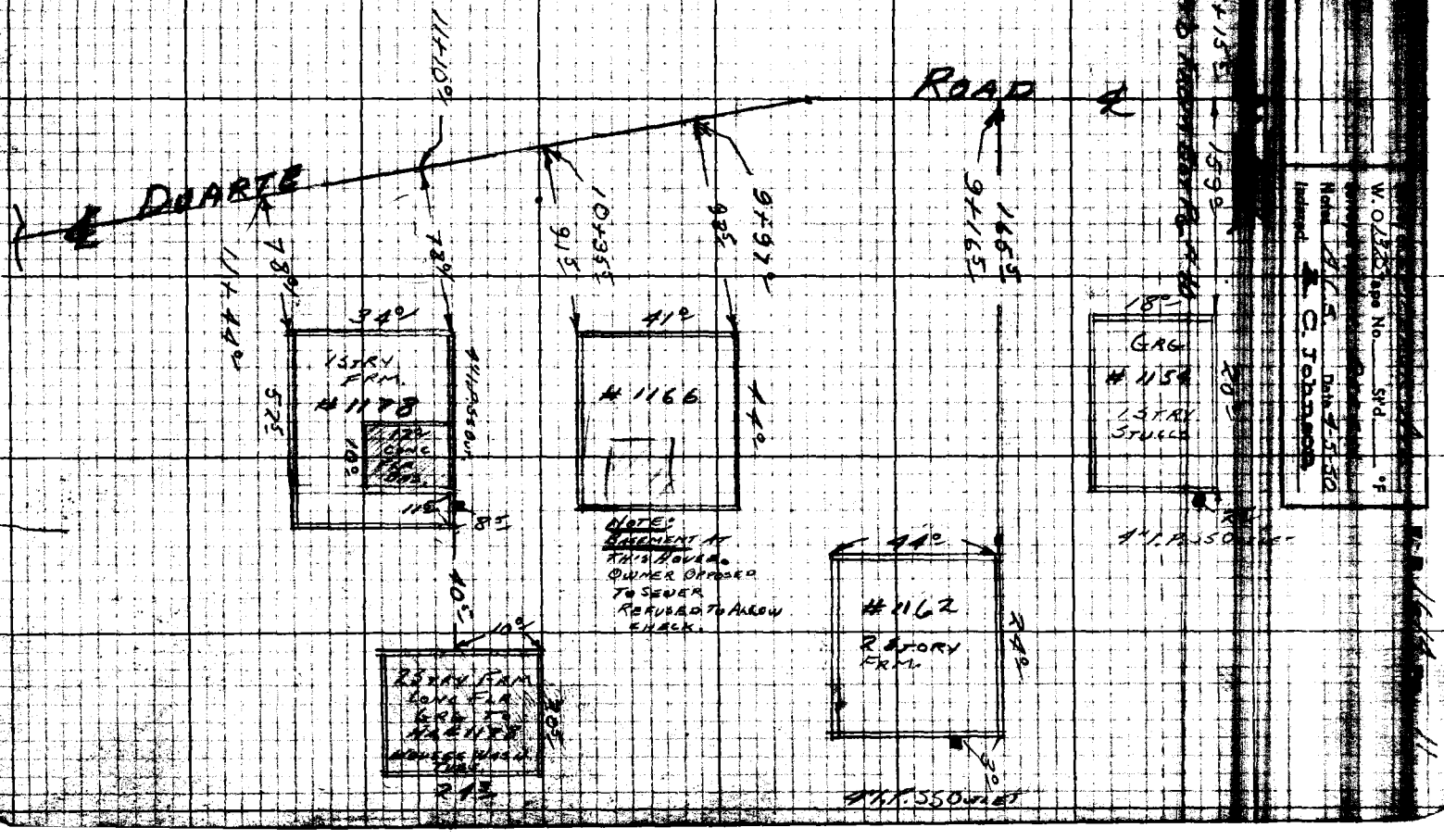

RETURN TO
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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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F. B. 1414 Pg. 12

F.B. 7/10 Pg. 13

Notes Chkd. H.D.H. Date 4-7-50 Checked Date

Survey by Van Deren Notes A.V.S. Date 4-5-50

CROSS SECTIONS ON DUARTE ROAD
FROM
SUNSET BLVD. WESTERLY
TO.
OAK AVENUE

EMPEROR AVENUE
SEWER DISTRICT

4-5-50
VAN DEREN
STANGELAND
BLANKENSHIP
KIERTZNER

NOTE: B.M.S. adjusted By J.H.B.
F.B. 1488 Pg. 180

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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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 5-49

76L298 307 5-49

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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.	LEFT OR SOUTH	℄ RIGHT OR NORTH
BM "JE319"	558	511.20		5[illegible].62	BM "JE319" ELEV 505.622	FB 1488/180
This B.M. adjusted to 505.679 by J.H.B. F.B. 1488-180					DUARTE ROAD & SUNSET BLVD, N.W. COR.	
					BT SPK IN CB 18' W. OF W. END C.R.	
0+67°			6.16	505.04		℄ OPP BC
"			6.22	504.98		20°/ TOP CURB
—			5.94	505.26		N. END C.R. N.E. COR.
—			6.59	504.61	S. END C.R. SE COR	
1+00°°			6.02	505.18		℄ INT SUNSET BLVD
"			11.72	499.48		℄ FLOW LINE SEWER (24")
1+18°/			6.30	504.90		℄ CROSS GUT
—			5.62	505.58		N. END C.R. NW COR
—			6.58	504.62	S. END C.R. S.W. COR	
1+33°/			5.89	505.31		℄ OPP EC
"			6.19	505.01		20°/ GUT
"			5.64	505.56		20°/ TOP CURB
"			5.5	505.7		30°/ ℞
"			6.48	504.72	20°/ GUT	
"			5.71	505.49	20°/ TOP CB	
"			6.1	505.1	30°/ ℞	
1+40°/			5.47	505.73		23°/ TOP BELL TEL. M. H.
"			11.37	499.83	RIGHT: 23°/ TOP 2" CONDUITS TO WEST	

F.B. 1614 PG. 14
Job No. 1325 Division No. ____ Notes Red. ____ Plotted ____ No. ____ Profile
Survey of EMPEROR AVE Date ____ Date ____ X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Checked ____ No. ____
Indexed E. C. Johnson Date ____ Date ____

76L298 307 5-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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.	LEFT OR SOUTH ℄	RT OR NORTH
		511.20				
1+40			12.57	498.63	RIGHT: 23" TOP 2" CONDUITS TO EAST	
"			10.57	500.63	" " " 1" CONDUIT " "	
"			13.87	497.33	" " FLOOR BELL TELEPHONE M.H.	
2+00			5.46	505.74	℄	
"			5.97	505.23		20° GUT
"			5.36	505.84		20° TOP CB
"			5.2	506.0		30° PL
"			6.00	505.20	20° GUT	
"			5.38	505.82	20° TOP CB	
"			5.4	505.8	30° PL	
3+00			4.94	506.26	℄	
3+15			4.89	506.31	℄	
"			5.35	505.85		20° GUT
"			4.75	506.45		20° TOP CB
"			4.1	507.1		30° PL
"			5.43	505.77	20° GUT	
"			4.80	506.40	20° TOP CB	
"			5.1	506.1	30° PL	
"			7.2	504.0	100° GRND	
"			8.8	502.4	200° GRND	

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Notes Checked ____ Date ____ Job No. 1325 Division No. ____ Survey of EMPEROR AVE Survey by VAN DEREN Notes A.C.S. Date 4-5-50 Map No. ____ Indexed ____ Date ____

F.B. 1614 PG. 15

76L298 307 5-49

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH	℄ RT OR NORTH
3+15 0/		511.20	11.0	500.2	300 0/ GRND	
"			12.0	499.2	367 0/ BACK LOT LINE	
3+44 5/			7.75	503.45	LEFT: 104 0/ TOP 4" I.P. SS OUTLET	HA # 1116
3+86 8/			13.41	497.79	LEFT: 208 3/ TOP FLR DRN CONC. BAS	HA # 1120
4+00			4.44	506.76		℄
"			5.01	506.19		20 0/ GUT
"			4.36	506.84		20 0/ TOP CB
"			3.7	507.5		30 0/ PL
"			5.01	506.19	20 0/ GUT	
"			4.34	506.86	20 0/ TOP CB	
"			4.7	506.5	30 0/ PL	
TP	589	513.05	4.04	507.16	TP	
4+49			10.70	502.35	LEFT: 192 0/ TOP 4" I.P. SS OUTLET	HA # 1126
5+00			5.77	507.28		℄
"			6.36	506.69		20 0/ GUT
"			5.59	507.46		20 0/ TOP CB
"			4.9	508.1		30 0/ PL
"			6.39	506.66	20 0/ GUT	
"			5.65	507.40	20 0/ TOP CB	
"			5.7	507.3	30 0/ PL	
5+65 0/			8.40	504.65	LEFT: 152 0/ TOP CONC FLR GRG. APT	HA # 1132

F.B. 1614 PG. 16
Job No. 1325 Division No. ____ Notes Red. ____ Plotted ____ No. ____ Profile
Survey of EMPEROR AVE Date ____ Date ____ X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Checked ____ No. ____
Indexed A. C. Johnson Date ____ Date ____

76L298 307 5-49

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LOS ANGELES COUNTY SURVEYOR
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.	LEFT OR SOUTH	℄ RT OR NORTH
		513.05				
6+00			532	507.73		℄
"			583	507.22		20°/GUT
"			519	507.86		20°/TOP CB
"			46	508.4		30°/℄
"			574	507.31	20°/GUT	
"			510	507.95	20°/TOP CB	
"			50	508.0	30°/℄	
"			73	505.7	100°/GRND	
"			94	503.6	200°/GRND	
"			11.0	502.0	300°/GRND	
"			11.9	501.1	367°/BACK LOT LINE	
6+54.5			493	508.12		℄ TOP SEWER MH
"			15.50	497.55		℄ FLOW LINE SEWER LINE
7+00			475	508.30		℄
"			533	507.72		20°/GUT
"			462	508.43		20°/TOP CB
"			39	509.1		30°/℄
"			531	507.74	20°/GUT	
"			467	508.38	20°/TOP CB	
"			45	508.5	30°/℄	

Profile Notes Red Plotted Job No. 1325 Division No.
No. Date Date Survey of EMPEROR AVE
X-Sec. Notes Chkd. Checked Survey by VANDEREN Notes A.C.S. Date 4-5-50
No. Date Date Map No. Indexed Date

F.B. 1614 PG. 17

76L298 307 5-49

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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.	LEFT OR SOUTH	℄ RT OR NORTH
		513.05				
TP	649	514.71	483	503.22	TP	
8+00			5.83	508.88		℄
"			642	508.29		20°/GUT
"			5.75	508.96		20°/TOP CB
"			47	510.0		30°/PL
"			650	508.21	20°/GUT	
"			584	508.87	20°/TOP CB	
"			60	508.7	30°/PL	
8+18.00			9.10	505.61	LEFT: 179°/TOP 4" L.P.S.S OUTLET GRG. No# 1154	
8+97.00			535	509.36		℄ OPP BC
"			5.96	508.75		20°/GUT
"			531	509.40		20°/TOP CB
"			47	510.0		30°/PL
"			5.96	508.75	20°/GUT	
"			5.24	509.47	20°/TOP CB	
"			57	509.0	30°/PL	
"			7.5	507.2	100°/GRND	
"			9.0	505.7	200°/GRND	
"			11.1	503.6	300°/GRND	
"			11.7	503.0	367°/BACK LOT LINE	

F.B. 1614 PG. 18
Job No. 1325 Division No. Notes Red. Plotted No. Profile
Survey of EMPEROR AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date

76L298 307 5-49

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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.	LEFT OR SOUTH	℄ RT. OR NORTH
		514.71				
9+00			5.36	509.35		
9+19.5			8.93	505.78	LEFT: 189.5' TOP	4" I.P.S.S. OUTLET 1162
9+26.27			5.25	509.46		℄ ON P.I. TOP M.H.
"			18.05	496.66		℄ FLOW LINE SEWER LINE
"			5.75	508.96		19.7' GUT (90° TO LINE B.
"			5.09	509.62		19.7' TOP CURB
"			45	510.2		30°/℞
"			5.80	508.91	20.3' GUT (90° TO LINE BACK)	
"			5.16	509.55	20.3' TOP CURB	
"			56	509.1	30°/℞	
9+49.0'			5.12	509.59		℄ OPP END CURBS
"			5.51	509.20		20°/GUT
"			4.98	509.73		20°/TOP CB
"			49	509.8		30°/℞
"			5.82	508.89	20°/GUT	
"			5.06	509.65	20°/TOP CB	
"			57	509.0	30°/℞	
9+97.0			6.60	508.11	LEFT: 93.5' FLOOR LEVEL OF HOUSE #1166	
10+[illegible]			5.04	509.67		℄
"			5.35	509.36		17.7' EDGE PVT

Profile Notes Red Plotted Job No. 1325 Division No. F.B. 1614 PG. 19
No. Date Date Survey of EMPEROR AVE
X-Sec. Notes Chkd. Checked Survey by VAN DEREN Notes A.C.S. Date 4-5-50
No. Date Date Map No. Indexed Date

76L298 307 5-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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.	LEFT OR SOUTH	℄ RT. OR NORTH
		514.71				
10+00			44	510.3		22°/ TOP BRK
"			35	511.2		50°/ ℞
"			571	509.00	18°/ EDGE PVT GUT	
"			61	508.6	30°/	
T.P.	516	514.19	568	509.03	T.P.	
11+00			463	509.56		℄
"			510	509.09		17°/ EDGE PVT
"			46	509.6		22°/ TOP BRK
"			40	510.2		50°/ ℞
"			535	508.84	18°/ EDGE PVT	
"			55	508.7	30°/ ℞	
"			75	506.7	100°/ GRND	
"			8.80	505.39	LEFT 171°/ CONC FLR GRG TO HS #1178	
"			98	504.4	200°/ GRND	
"			102	504.0	220°/ BACK LOT LINE	
11+10°			12.38	501.81	LEFT 109°/ BOT CONC FLR BAS HS #1178	
"			828	505.91	LEFT 112°/ TOP 4" I.P. SS OUTLET HS # "	
12+00			505	509.14		℄
12+08			507	509.12		℄ OPP BC LEFT
"			544	508.75		18°/ EDGE PVT

F.B. 1614 PG. 20
Job No. 1325 Division No. ____ Notes Red. ____ Plotted ____ No. ____ Profile
Survey of EMPEROR AVE Date ____ Date ____ X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Checked ____ No. ____
Indexed R. C. Johnson Date ____ Date ____

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OF SOUTH ℄.	
		514.19				
12+08			43	509.91		22°/TOP BRK
"			41	510.11		50°/R
"			583	508.36	18°/EDGE PVT	
"			56	508.61	30°/R	
12+37.62			531	508.88	(TOP M.H.)	℄ INT OAK AVE
"			18.63	495.56		℄ FLOWLINE 24" SEWER
			5.64	508.55	5 E. of C.R. SW COR	
12+73°			554	508.65	31°/TOP CURB SW. COR.	
BM "TE321"			412	510.07	BM "TE321" ELEV. 510.076 FB 1488/180	
This B.M. adjusted to 510.140 by J.H.B.					QUARTE RD. NO. SIDE AT OAK AVE	
F.B. 1488-180					R.R. SPK IN SO. SIDE P.P. #917454	
NOTE: DATUM ON BELL TELEPHONE M.H. Leftouton ℄ Sect						
		514.19				
10+75°			409	510.10		25°/TOP M.H.
"			10.06	504.13		25°/TOP 2" CONDUITS EAST
"			15.44	498.75		25°/FLOOR (conc) M.H.
"			10.36	503.83		25°/TOP 2" CONDUITS WEST
					SEE BM "TE321" ABOVE	

Notes Rod. No. ____ Date ____ Checked ____ Date ____
X-Sec. Notes Chkd. ____ Date ____ Checked ____ Date ____
Job No. 13225 Division No. ____
Survey of EMPEROR AVE
Survey by KAY PERRY Notes RGS Date 4-5-50
Map No. ____ Inked ____ Date ____
F.B. 1614 PG. 21

F.B. 1614 PG. 22 | Job No. 1325 | Division No. | Notes Red. | Plotted | Profile

Survey of EMPEROR AVE | Date | Date | No.

Survey by VAN DEREN | Notes A.C.S. | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	
					LEFT OR SOUTH & RT OR NORTH

76L298 307 5-49

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Emperor Ave.
Map No.	W. O. 1325 Tape No. St'd. °F
Office Work	Surveyed by Van Deren
Checked	Notes A.C.S. Date 4-6-50
Date	Indexed C. Johnson

1614 pg. 23

C.I. #1325

TOPOGRAPHY ON EMPEROR AVE
FROM
OAK AVENUE EASTERLY
TO
END OF EMPEROR AVE.

EMPEROR AVENUE
SEWER DISTRICT

4-6-50

VAN DEREN
STANGELAND
BLANKENSAIR
KIERTZNER

NOTE: PVT ON EMPEROR AVE. = 1" PREMIX OVER OILED EARTH

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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726 LOS ANGELES COUNTY
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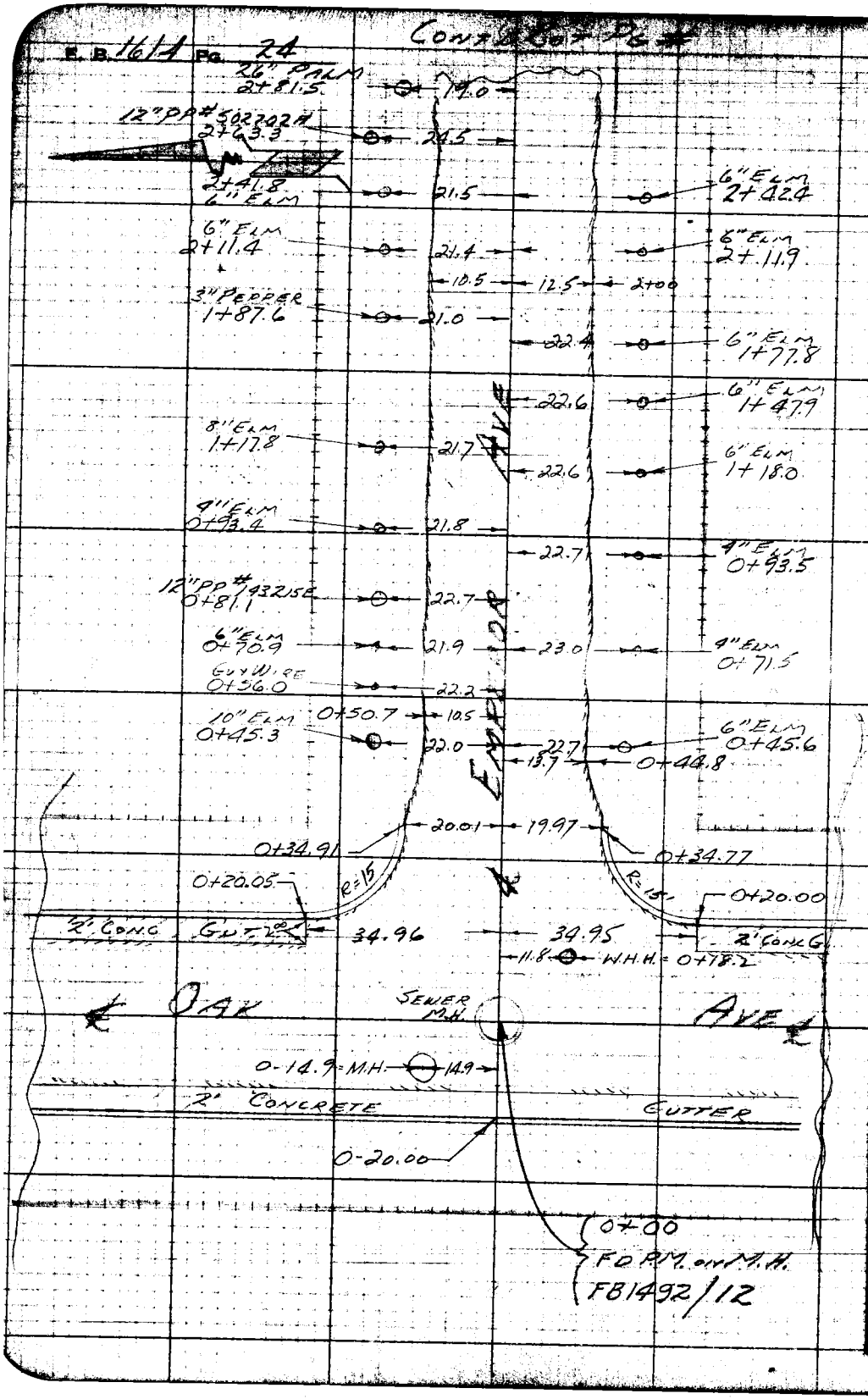
76F3098 247 10M 1-49



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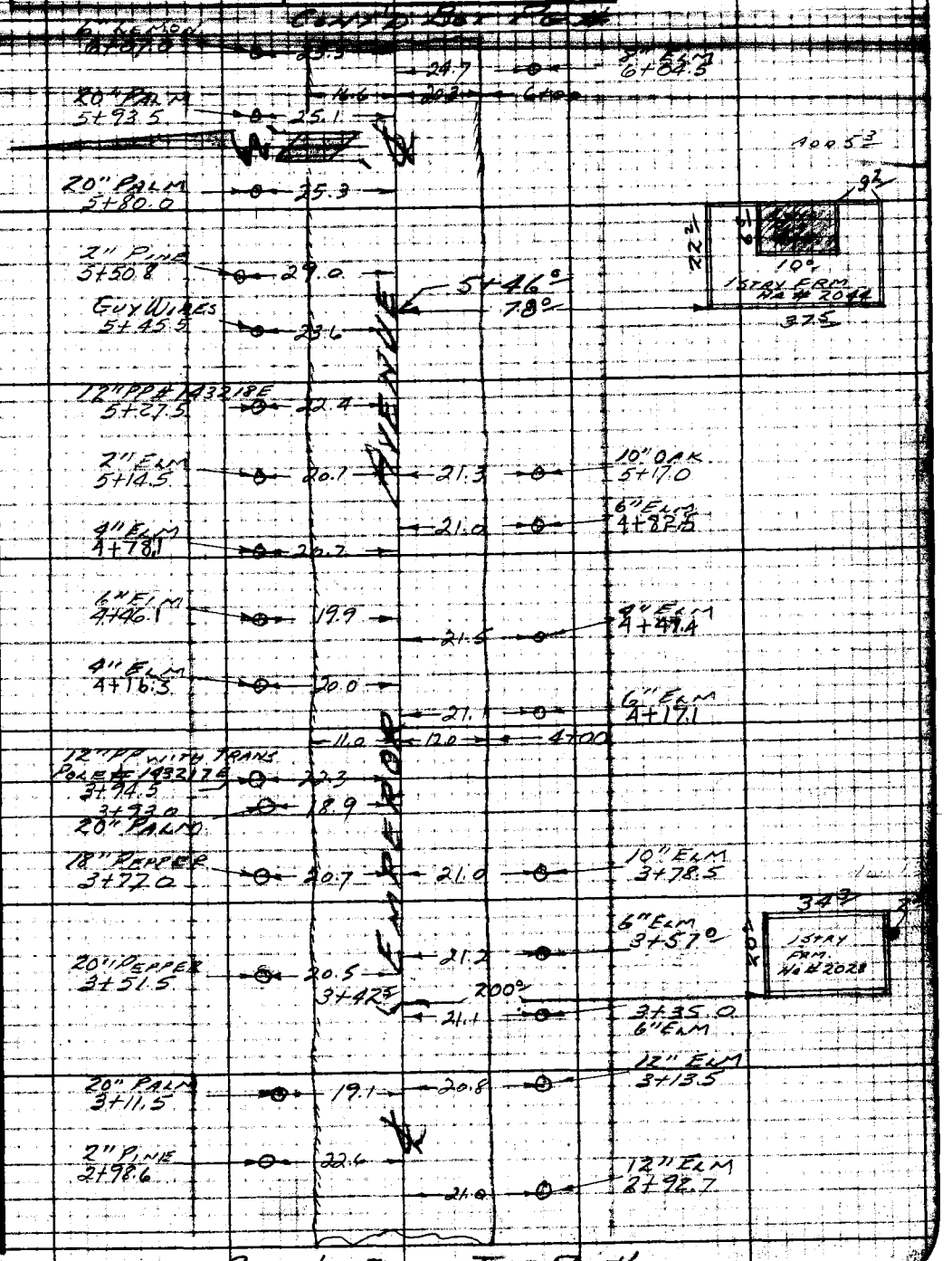
F. B. 1614 Pg. 25

Map No.
Office Work
Checked
Date

W. O. 1325 Tape No. St'd. °F
Surveyed by
Notes A.C.S. Date 4-6-50
Indexed C. Johnson



CONT'D FROM TOP PG #

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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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

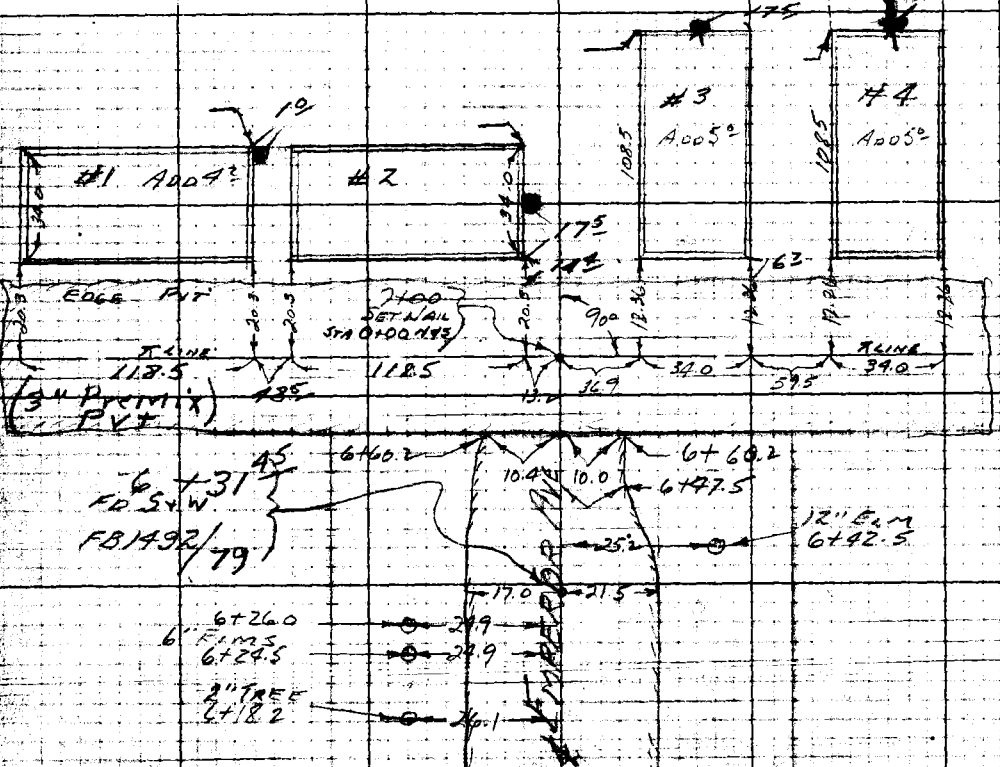
7673098 247 10M 1-49

F. B. 1614 Pg. 26

CALIFORNIA INSTITUTE OF TECH.
HOUSING PROJECT
DATUM: (SEE MR. P.J. BURKE (PROJECT MGR.))

4 HOUSING BLDGS - 14 UNITS &
1 WASH HS. PER BLDG
HOUSES 56 FAMILIES OR APROX.
172 PERSONS

NOTE: DILIGENT SEARCH MADE FOR 55 OUTLET ON #3. UNABLE TO LOCATE EXACTLY. MR. BURKE (ABOVE) APPROXIMATES DATA SHOWN.



CONT'D FROM TOP PG #

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Profile No.	Notes Red Date	Plotted Date	Job No. 1325 Division No.	F.B. 1614 Pg. 27
X-Sec. No.	Notes Chkd. H.D.H. Date 4-7-50	Checked Date	Survey of EMPEROR AVE Survey by VAN DEREN Notes A.C.S. Date Map No. Indexed Date	

C.I. #1325

CROSS SECTIONS ON EMPEROR AVE

FROM

OAK AVENUE EASTERLY

TO

END OF EMPEROR AVENUE

EMPEROR AVENUE
SEWER DISTRICT

VAN DEREN
STANGELAND
BLANKENSHIP
KIERTZNER.

NOTE: B.M.s adjusted By J.H.B
F.B. 1488 Pg. 182, 191

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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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 5-49

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____ Job No. 1325 Notes ____ Date ____

F.B. 7614 PG. 28

Survey of EMPEROR AVE

Survey by VAN DEREN A.C.S.

Indexed C. JOHNSON

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR NORTH	RIGHT OR SOUTH
BM "JE 356"	4.92	478.74		82	BM "JE 356" ELEV 473.816 FB 1488/182	
This B.M. adjusted to 473.838 by J.H.B. F.B. 1488-182					OAK AVE. (W. SIDE) AT EMPEROR AVE BY SPK IN CB 2' N. OF ℄ PROD EMPEROR AVE	
0-20.00			4.95	79.	℄ PROD. - TOP CB.	
"			5.57	17.	" - GUTTER	
0-10.00			4.90	84.	℄ PROD	
0+00.00			4.70	04.	℄ INTER. EMPEROR AVE. & OAK AVE (ABOVE IS ON MH. COVER - SEE X-SECT ON OAK AVE. FOR INVERT ELEV'S)	
"			5.09	65.		30' - ON ℄ OAK AVE.
"			5.37	37.		50' - " " " "
"			4.21	53.	30' - ON ℄ OAK AVE.	
"			3.92	82.	50' - " " " "	
0+10.00			4.93	81.		℄
0+20.00			5.35	39.		℄ - CROSS - GUTTER.
"			5.95	79.		35' - S.E. COR. S. END C.R. GUT.
"			5.36	38.		" " " " " " - TOP CB
"			5.01	73.	35' - N.E. COR N. END C.R. GUT.	
"			4.41	33.	" " " " " " - TOP CB.	
0+28.0			4.92	82.		℄

76L298 307 5-49

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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.	LT. OR NORTH	℄	RT. OR SOUTH
		478 74					
0+35.0			504	473 70		℄	
			564	473 10			20'-S.E COR. E.END C.R.-GUT
			539	473 35			" " " " " " -TOP CB.
			510	473 64	20'-N.E. COR. E.END C.R.-GUT.		
			439	474 35	" " " " " -TOP CB.		
0+52.0			578	472 96		℄	
1+00			611	472 63		℄	
"			662	472 12			13'-EDGE PVT
"			66	472 1			30'-P.L.
"			625	472 49	11'-EDGE PVT.		
"			64	472 3	15'-GUT.		
"			56	473 1	30': P.L. - GR HIGHER TO N.		
T.P.	581	477.97	658	472 46	T.P.		
2+00			547	472 50		℄	
"			600	471.97			13' EDGE PVT
"			57	471.3			30' ℞
"			563	472 34	11' EDGE PVT.		
"			51	471.9	30' ℞		
3+00			506	472.91		℄	
"			568	472 29			13' EDGE PVT

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Date ____ Job No. 1375 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of EMPEROR AVE
Survey by VAN DEREN Notes 415 Date 4-6-50
Map No. ____ Indexed ____ Date ____
F.B. 1614 PG. 29

76L298 307 5-49

— Fly Wow!

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LOS ANGELES COUNTY SURVEYOR
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.	LFT. OR NORTH ℄	RT. OR SOUTH
		477.97				
3+00			55	471.5		30°/ PL
"			523	472.74	11°/ EDGE PVT	
"			46	472.4	30°/ PL	
3+30			487	473.10	℄	
"			540	472.57		13°/ EDGE PVT
"			54	471.6		30°/ PL
"			61	470.9		100°/ GRND
"			70	470.0		200°/ GRND
"			78	469.2		300°/ GRND
"			81	469.9		330°/ BK LOT LINE
3+60 3/			8.90	469.07	RIGHT: 234 3/ TOP 4" L.P. SS OUTLET	HS # 2028
4+00			425	473.72	℄	
"			483	473.14		13°/ EDGE PVT
"			48	472.2		30°/ PL
"			444	473.53	12°/ EDGE PVT	
"			41	472.9	30°/ PL	
TP	542	479.20	419	473.78	TP	
5+00			492	474.28	℄	
"			540	473.80		12°/ EDGE PVT
"			54	473.8		30°/ PL

F.B. 1614 PG. 30

Job No. 1325 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of EMPEROR AVE Date ____ Date ____ No. ____

Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed E. C. Johnson Date ____ Date ____ No. ____

76L298 307 5-49

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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.	LFT OR NORTH ℄	RT OR SOUTH ℄
		479.20				
5+00			5.14	474.06	12'/EDGE PVT	
"			42	475.0	30'/R	
5+29'			497	474.23	℄	
"			546	473.74		12'/EDGE PVT
"			54	473.8		30'/R
"			61	473.1		100'/GRND
"			80	471.2		200'/GRND
"			10.5	468.7		300'/GRND
"			11.0	468.2		330'/BACK LOT LINE
5+61.2			11.10	468.10	RIGHT: 96'/BOT CONC FLR BAS. No # 2044	
6+00			548	473.72	℄	
"			621	472.99		19'/EDGE PVT
"			60	473.2		30'/R
"			555	473.65	16'/EDGE PVT	
"			49	474.3	30'/R	
6+60.2			554	473.66	℄	
"			573	473.47		10'/EDGE PVT
"			60	473.2		30'/R
"			529	473.91	10'/EDGE PVT	
"			53	473.9	30'/R	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1365 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of EMPEROR AVE
Survey by [redacted] Notes A.C.S. Date 4-6-50
Map No. ____ Date ____

F.B. 1614 PG. 31

76L298 307 5-49

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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.	LEFT OR NORTH ℄	RT OR SOUTH
		479.20				
TP	584	479.13	591	473.29	TP	
7+00			584	473.29		℄ PROD
SEE NOTE →					NOTE: 7+00 E & W = 0+00 N & S	
					LEFT OR WEST	RT OR EAST
0+00			584	473.29		
"			595	473.18		5'/ GUT
"			559	473.54		6'/ TOP BRK EDGE PVT
"			552	473.61	35'/ EDGE PVT	
0+13			9.40	469.73	RIGHT: 37'/ TOP 4" V.P.	55 OUTLET BLDG #2
1+00 NORTH			443	474.70		
"			445	474.68		5'/ GUT
"			414	474.99		6'/ EDGE PVT TOP BRK
"			410	475.03	35'/ EDGE PVT	
1+80			6.00	473.13	RIGHT: 53'/ TOP 4" V.P.	55 OUTLET BLDG #1
2+00 NORTH			307	476.06		
"			311	476.02		5'/ GUT
"			277	476.36		6'/ TOP BRK EDGE PVT
"			277	476.36	35'/ EDGE PVT	
3+00 NORTH			170	477.43		
3+23			106	478.07		END PVT.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. 1325 Division No. ____

Survey of EMPEROR AVE A.C.S.

Survey by VAN DEREN Notes ____ Date ____

Indexed K. C. Johnson

F.B. 1614 PG. 92

76L298 307 5-49

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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.	LFT OR EAST ⊼ RT OR WEST
		479.13			NOTE:
0+00			584	473.27	⊼
0+53 4/ SOUTH			11.6	467.51	LEFT: 120 9/ Aprox Top 4" I.P. SS Outlet Bldg # 3
1+00 0/ SOUTH			783	471.30	⊼
"			755	471.58	40°/ Rt Edge Pvt
"			790	471.23	5 5/ Gut
"			756	471.57	6°/ Top Brk Edge Pvt
1+47 5/			12.90	466.23	LEFT: 123 8/ Top 4" I.P. SS Outlet Bldg # 4
1+53			883	470.30	⊼ END ⊼ LINE
"			855	470.58	40°/ Rt Edge Pvt
"			895	470.18	5 5/ Gut
"			8.52	470.61	6°/ Top Brk Edge Pvt
BM "TE372"			571	473.42	BM "TE372" Elev 473.430 FB 1488/191
					Emperor Ave So. Side 585' ± East & Oak Ave
					Bt. Spk in W. Curb of Drive to Ha # 2044
					This B.M. adjusted To 473.452 By J.H.B.
					F.B. 1488-191

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1325 Division No. ____ F.B. 1614 Pg. 33
X-Sec. No. ____ Date ____ Date ____ Survey of Emperor Ave
Notes Chkd. ____ Checked ____ Survey by Van Oregon Notes A.C.S. Date 4-6-50
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

114 Pg. 34 Job No. 1325 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Emperor Ave Date 4-6-58 Date _____ No. _____

Survey by V.D. Notes A.C.S. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L298 307 5-49

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726 Los Angeles County Engineering Bldg.

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F. R. 1614 Pg. 35

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 1325 Tape No. St'd. °F
Office Work	Surveyed by Van Deren
Checked	Notes Van Date 4-7-50
Date	Indexed E. C. Johnson

C1-1325

TOPOGRAPHY ON PRIVATE ROAD NORTH OF LEMON AVE

FROM GOLDEN WEST AVE-EAST 660' TO TRACT LINE

EMPEROR AVE S.S.

4-7-50

Van Deren
Stangeland
Blankenship
Kiertzner

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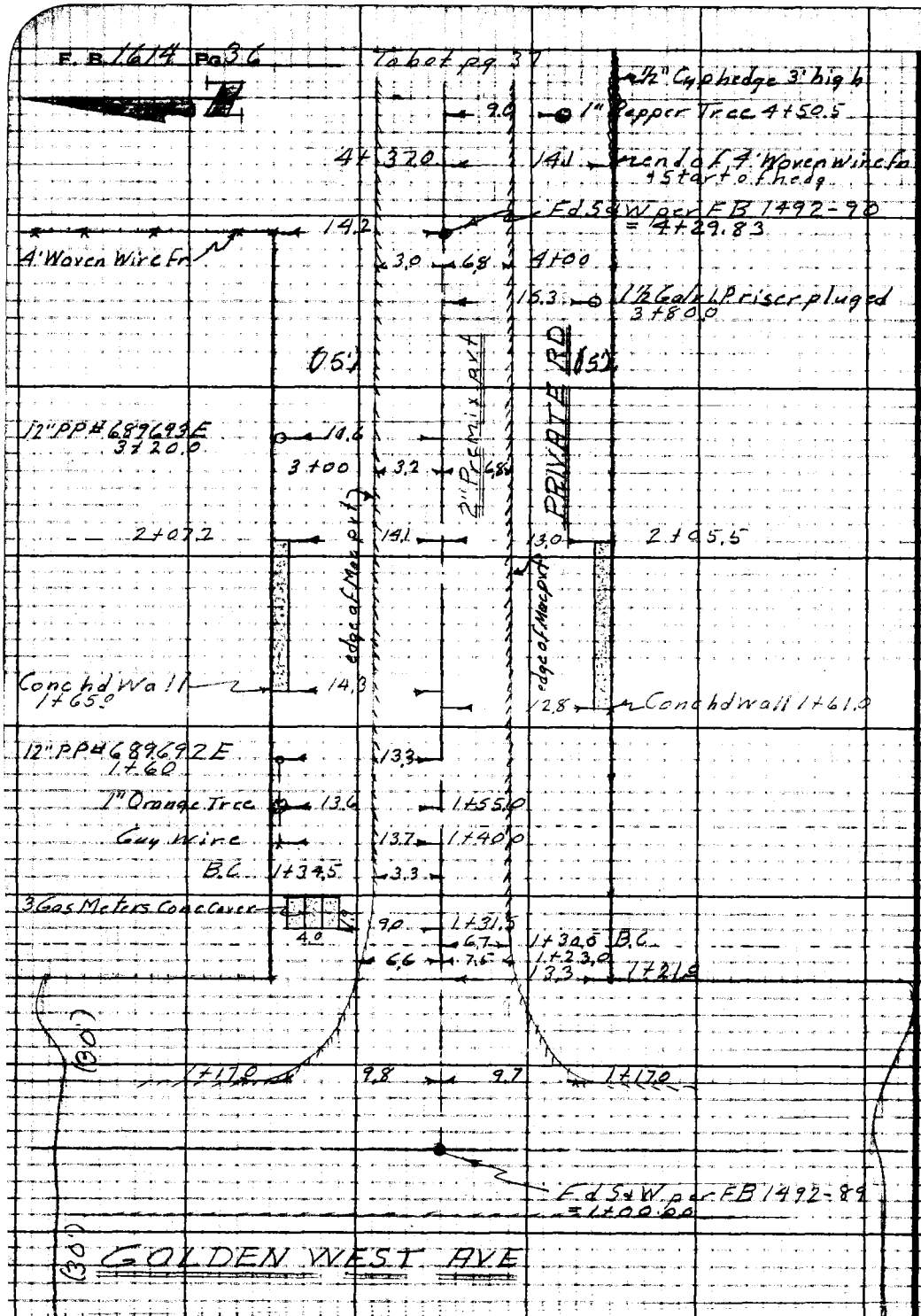
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3025 247 10M 1-49



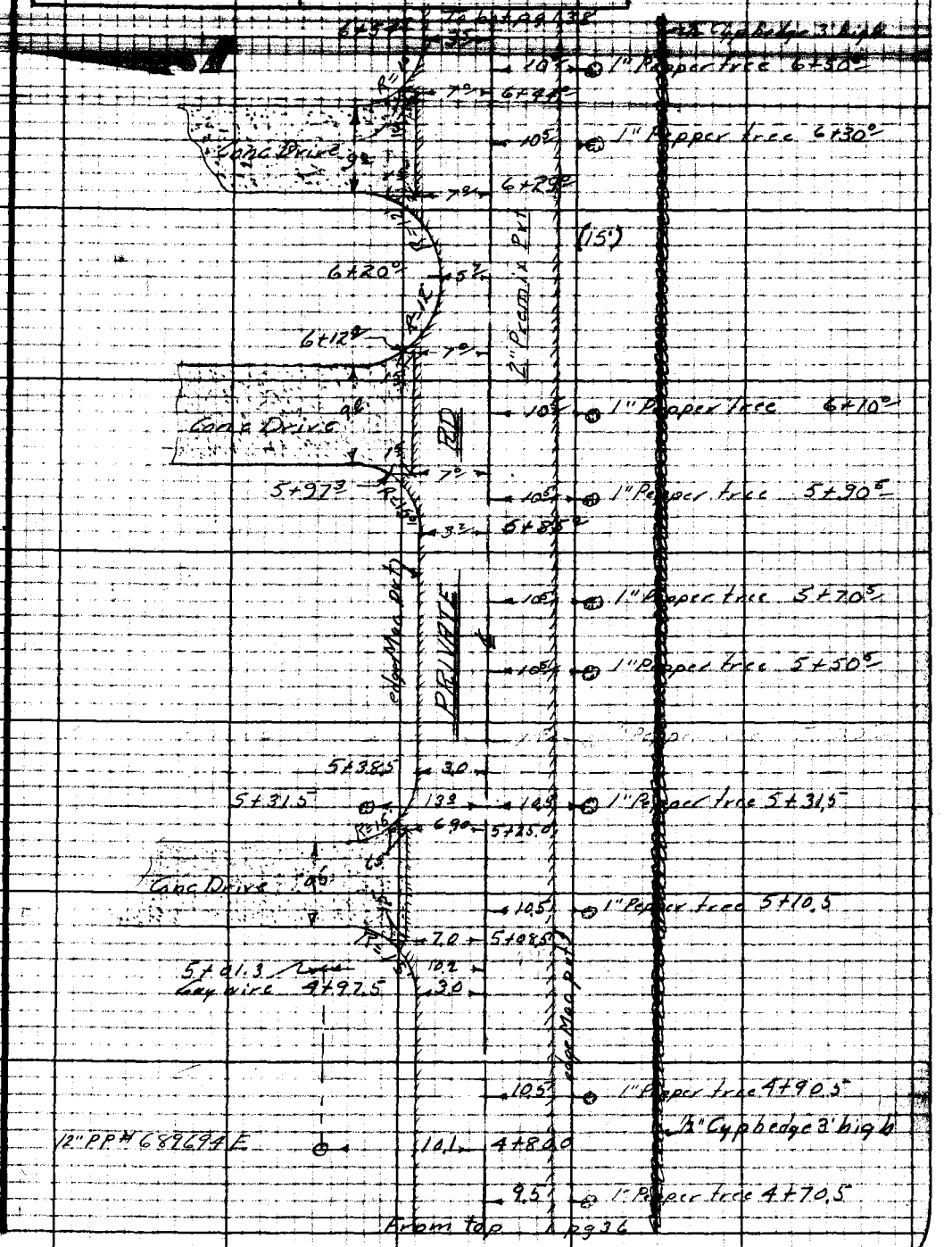
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 1325 Tape No. Std. °F
Office Work	Surveyed by [illegible]
Checked	Notes Van Date 4-7-50
Date	Indexed C. Johnson

F. B. 1614 Pg. 37



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 10M 1-49

F. B. 1614 Pg. 38

4' Woven wire fence

7+59.86

15.0

7+59.9

8" Plum tree

9.6

10.5

7+53.3

8" Plum tree

½" Gp hedge 3' high

(15')

PRIVATE RD

4' Woven wire fence

end Macadam 6+74.6

4' Woven wire fence

16.0

3.5

6.5

Fd S&W per FB 1492-90 = 6+71.58

10.5'

1" Pepper tree 6+70.5

2" Premix pvt

From Top p. 37

RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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.

Profile No.	Notes Red. Date	Plotted Date	Job No. 1325	Division No.	F.B. 1614	PG. 39
X-Sec. No.	Notes Chkd. H.D.H. Date 4-12-50	Checked Date	Survey of Emperor Ave Survey by Van Deren Map No.	Notes Van Indexed L. G. Johnson	Date 4-7-50 Date SEP 12 [illegible]	

CI-1325

CROSS SECTIONS ON PRIVATE ROAD NORTH OF LEMON AVE. FROM GOLDEN WEST AVE EAST 660' TO TRACT LINE EMPEROR AVE S.S.

4-7-50

Van Deren
Stangeland
Blankenship
Kiertzner

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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PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

761.288 307 5-49

76L298 307 5-49

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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.	Lt & North	℄ Rt & South
BMTE377	0.84	465.81		464.97	BMTE 377 Elev=464.974 FB1488-193	
					Golden West Ave & Callita St. S.W. Cor	
					Bt spk in cb. 5' W. of W. end C.R.	
1+00			577	460.04		℄ INT GOLDEN WEST
1+13 5/			603	459.78		℄ CROSS GUT
"			626	459.55		15°/ ℞ PROD
"			5.83	459.98	15°/ ℞ PROD	
1+22 0/			521	460.60		℄ CAMEL BACK
1+30 0/			4.96	460.85		℄
"			5.11	460.70		6.7 edg pvt
"			5.3	460.5		15' P Line
"			4.89	460.92	4.2 edg pvt	
"			4.8	461.0	15' P.Line Cor	
1+34 5/			4.93	460.88	OPP BC LEFT	℄
"			4.89	460.92	3 3/ EDGE PVT	
"			4.8	461.0	15°/ ℞	
1+61 0/			483	460.98		℄ OPP HD WALL RT
"			499	460.82		6 7/ EDGE PVT
"			53	460.5		12 8/ BOT HD WALL
"			4.87	460.94		12 8/ TOP WALL
"			5.5	460.3		12 8/ BOT WALL
"			55	460.3		15°/ ℞
1+65 0/			478	461.03	OPP HD WALL LFT.	℄

F.B. 1614 PG. 40
Job No. 1325 Division No.
Survey of Emperor Ave
Survey by Van Deren Notes Van
Indexed K. C. Johnson Date
Notes Red. Date 4-7-50
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L298 307 5-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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.	LFT. ℄ NORTH	℄ RT ℄ SOUTH
		46581				
1+65 0/			4.81	461.00	3 3/ EDGE PVT	
"			51	460.7	14 3/ BOT WALL	
"			466	461.15	14 3/ TOP HD WALL	
"			50	460.8	14 3/ BOT WALL	
"			50	460.8	15 0/ PL	
2+00			4.45	461.36		℄
2+05 5/			438	461.43		℄ OPP HD WALL
"			446	461.35		6 7/ EDGE PVT
"			48	461.0		13 0/ BOT WALL
"			397	461.84		13 0/ TOP HD WALL
"			46	461.2		13 0/ BOT WALL
"			46	461.2		15 0/ PL
2+07 2/			434	461.47	OPP HD WALL	℄
"			431	461.50	3 2/ EDGE PVT	
"			44	461.4	14 1/ BOT WALL	
"			386	461.95	14 1/ TOP HD WALL	
"			44	461.4	14 1/ BOT WALL	
"			43	461.5	15 0/ PL	
3+00			301	462.80		℄
"			318	462.63		6 8/ EDGE P

Profile Notes Red ____ Plotted ____ Job No. 1325 Division No. ____ F.B. 1614 PG. 41
No. ____ Date ____ Date ____ Survey of EMPEROR AVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by VAN DEREN Notes A.C.S. Date 4-7-50
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 5-49

PLEASE RETURN TO
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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.	LFT OR NORTH ℄	RT OR SOUTH
		465.81				
3+00			30	462.8		15°/ ℞
"			301	462.80	3°/ EDGE PVT	
"			31	462.7	15°/ ℞	
TP	476	467.78	279	463.02	TP	
4+00			435	463.43		℄ TOP BRK
"			449	463.29		6°/ EDGE PVT
"			44	463.4		15°/ ℞
"			433	463.45	3°/ EDGE PVT	
"			44	463.4	15°/ ℞	
4+29.85			432	463.46		℄ ON TRACT LINE
4+97.5/			464	463.14	OPP BC	℄
"			477	463.01		7°/ EDGE PVT
"			51	462.7		15°/ ℞
"			461	463.17	3°/ EDGE PVT BC	
"			44	463.4	15°/ ℞	
5+00			464	463.14		℄
5+08.5/			453	463.25	7°/ TOP CONC DR.	
5+25.0/			453	463.25	6°/ " " "	
5+38.5/			479	462.99	OPP EC LFT	℄
"			476	463.02	3°/ EDGE PVT	

F.B. 1614 PG. 42 Job No. 1325 Division No. Notes Red. Plotted No. Profile
Survey of EMPEROR AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.G.S. Notes Chkd. Checked No.
Indexed K. C. Johnson Date Date

76L298 307 5-49

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR NORTH ℄	RT. OR SOUTH
		467.78				
5+38 5/			4.7	463.1	15°/ GRND	
5+85 0/			5.22	462.56	OPP BC LFT ℄	
"			5.19	462.59		6 5/ EDGE PVT
"			5.4	462.4		15°/ ℞
"			5.24	462.54	BC 3 2/ EDGE PVT	
"			4.9	462.9	15°/ GRND	
5+97 3/			5.03	462.75	7°/ TOP CONC DR.	
6+00			5.28	462.50	℄	
6+12 3/			5.11	462.67	7°/ TOP CONC DR.	
6+20 0/			5.51	462.27	℄	
"			5.41	462.34	5 7/ EDGE PVT	
"			5.5	462.3	15°/ GRND	
6+29 0/			5.57	462.21	7°/ TOP CONC DR.	
6+44 0/			5.65	462.13	" " "	
6+54 5/			6.00	461.78	OPP EC LFT ℄	
"			5.98	461.80	3 2/ EDGE PVT	
"			6.0	461.8	15°/ GRND	
6+74 6/			6.29	461.49	℄ @ END PVT	
"			6.35	461.43		6 5/ EDGE PVT
"			6.6	461.2		15°/ ℞

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1325 Division No. ____ Survey of EMPEROR AVE
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by [illegible] Notes A.C.S. Date 4-7-50
Map No. ____ Indexed ____ Date ____

F.B. 1614 PG. 43

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR NORTH ℄	RT OR SOUTH
		467.78				
6+74 6/			628	461.50	3 5/ EDGE PVT	
"			61	461.7	15°/ GRND	
7+00			6.8	461.0		℄ GRND
"			7.0	460.8		15°/ ℞
"			6.5	461.3	15°/ GRND	
7+59 8/			63	461.5		℄ @ TRACT LINE
"			63	461.5		15°/ ℞
"			58	462.0	15°/ GRND	
TP	268	465.84	462	463.16	TP	✓
BM "TE 377"			085	464.99	BM "TE 377" ELEV 464.974 FB 1488/193 GOLDEN WEST AVE & CALLITA ST. S.W. COR BT SPK IN CURB 5' W. OF WEST END C.R.	

F.B. 1614 PG. 44 Job No. 1325 Division No. Notes Red. Plotted No. Profile
Survey of EMPEROR AVE Date 4-7-50 Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked
Indexed K. C. Johnson Date Date No.

Notes Ck'd by	Survey of Emperor Ave
Map No.	W. O. 8351 Tape No. 0106 St'd 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date 12-7-50
Date	Indexed R. C. Johnson

F. B. 1614 PG. 45

SEP 12 '52

8351 - CI-1325

℄ Survey For Private St East

Emperor Ave Sewer Dist

12-7-50
Van Deren
Blankenship
Edmondson
Kapp

Part of lot 2 BlkE Santa Anita land Co Tract

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726 LOS ANGELES COUNTY
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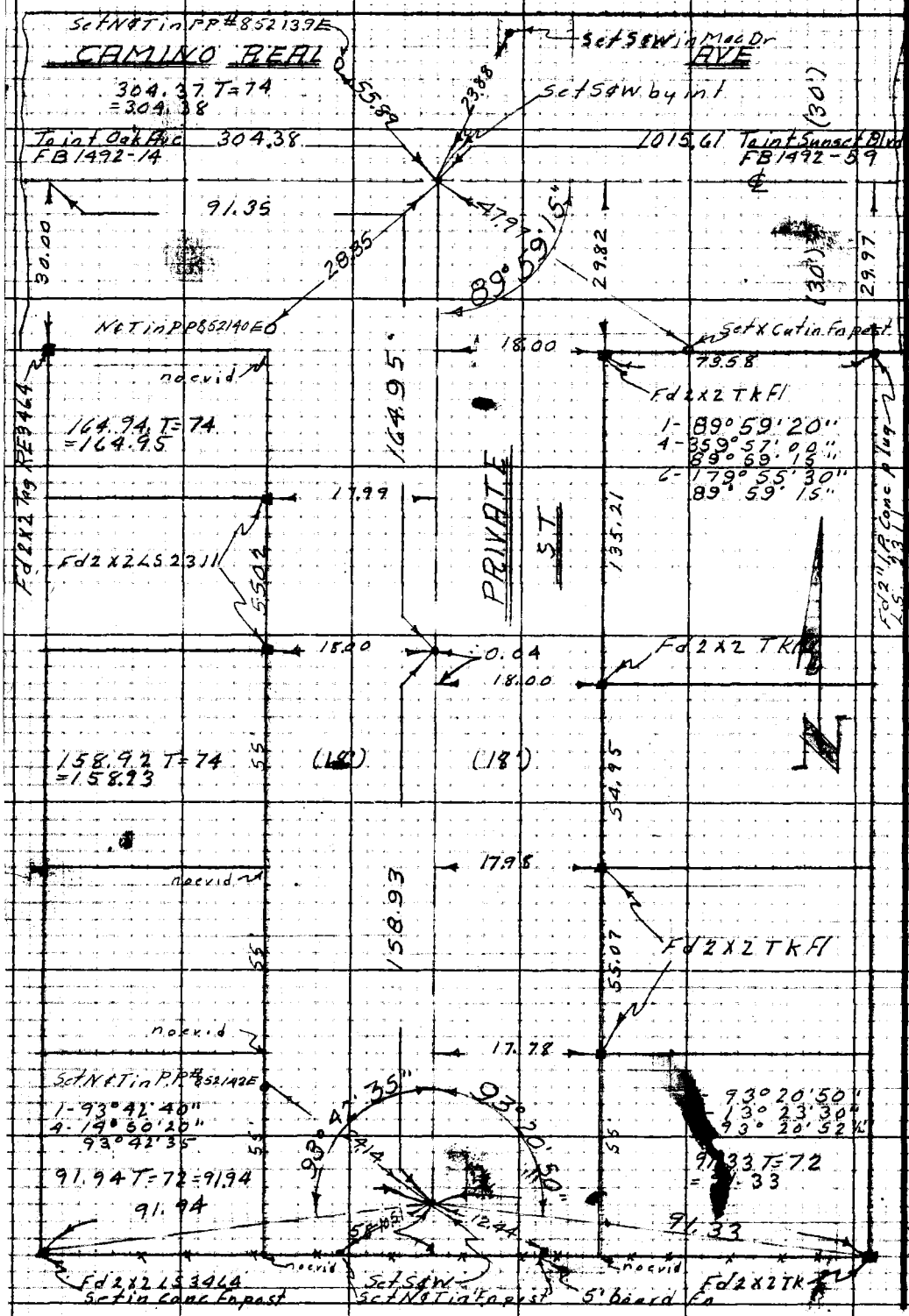
PSF 5065 247 10M 1-49

F. B. 1614 Pg. 46



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Notes Ck'd by	Survey of Emperor Ave
Map No.	W. O. 1325 Tape No. 0106 Std. 68 °F
Office Work	Surveyed by M.A. Van Deren
Checked	Notes Van Date 12-7-50
Date	Indexed R. C. Johnson

F. B. 1614 Pg. 47

12 52

CI-1325

Topography on Private St East of Oak Ave

Emperor Ave Sewer Dist

Part of lot 2 Blk E Santa Anita land Co Tract

12-7-50

Van Deren
Blankenship
Edmondson
Kapp

Note: Pvt = 3" Premix pvt

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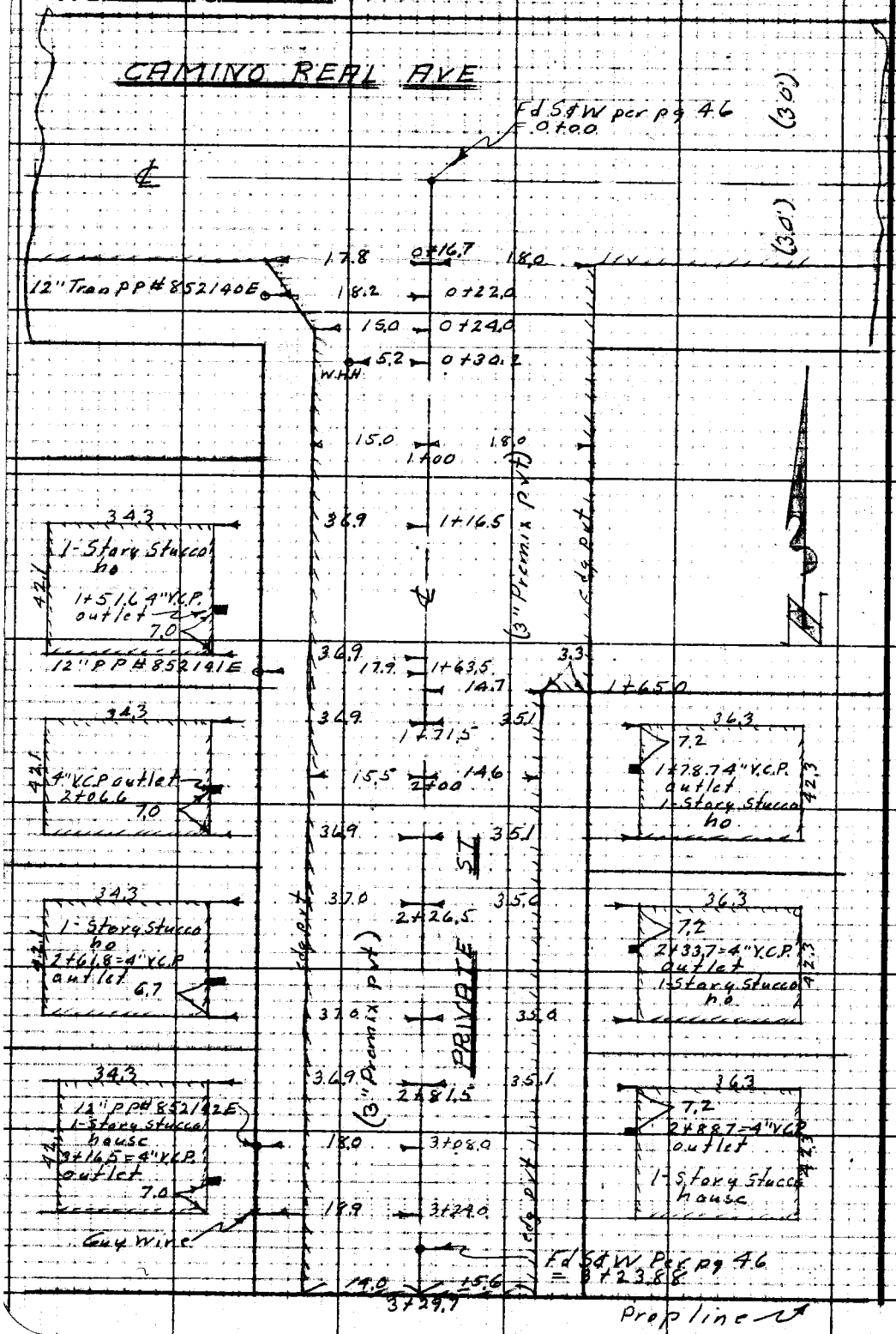
76F309S 247 10M 1-49

F. B. 1614 Pg. 48



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Profile No.	Notes Red. Date	Plotted Date	Job No. 1325	Division No. K	F.B. 1614	PG. 49
X-Sec. No.	Notes Chkd. LCM Date 12/11/50	Checked Date	Survey of Emperor Ave			
			Survey by Van Deren	Notes W. E	Date 12-7-50	
			Map No:	Indexed [redacted]	Date [redacted]	

C1-1325

Cross Sections on Private St E. of Oak Ave

Emperor Ave Sewer Dist

Part of lot 2 Blk E Santa Anita land Co Tract

12-7-50
Van Deren
Blankenship
Edmondson
Kapp

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

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761.298 307 5-49

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt ℄ East	℄ Rt ℄ West
TE 354	487	49007		485.20	BM TE 354 Elev = 485.204 FB 1488-181	
					Oak Ave (W. side) at Camino Real Ave.	
					Bt Spk in curb. 3' N. of ℄ prod of Camino Real Ave.	
0+00			482	485.25		℄ int. Camino Real
0+16.1			532	484.75		℄ X-Gut
"			524	484.83		17.8 Edge pvmt
"			5.28	484.79	18.0 Edge pvmt.	
0+24.0			476	485.31		℄ Top Bk.
"			465	485.42		15.5 Edge pvmt.
"			4.7	485.4		18' P.L.
"			4.92	485.15	18' Edge pvmt ∝	
0+30			489	485.18		℄
"			496	485.11		15.5 Edge pvmt
"			49	485.2		18' P.L.
"			49	485.2		91.3 Back of Lot
"			510	484.97	18' edge pvmt ∝ P.L.	
"			53	484.8	91.6 Back of Lot	
0+72			6.82	483.25		℄ Bot. of Bk
"			707	483.00		15.5 Edge of pvmt
"			6.9	483.2		18' P.L.
"			7.08	482.99	18' Edge of Pvmt & P.L.	

F.B. 1614 PG. 50
Job No. 1325 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of Emperor Ave Date ____ Date ____ No. ____
Survey by Van Deven Notes W.E. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. C. Johnson Date ____ Date ____ Date ____ No. ____

76L298 307 5-49

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West
T.P	3 51	490 07 / 486 47	7 11	482 96	T.P		
1+00			3 77	482.70		℄	
"			4 08	482.39			15° Egde pvmt
"			3 9	482.6			18' P.L.
"			4 06	482.41	18' Edge Pvmt & P.L.		
1+51 6			5 32	481.15			36 9 Top of 4" VCP outlet
1+64 95			4 82	481.65		℄	
"			5 30	481.17			15 5 Edge Pvmt
"			5 2	481.3			18' P.L.
"			5.9	480.6			91 3 Back of Lot
"			5 32	481.15	14 7 Edge pvmt		
"			5 23	481.24	18° Edge pvmt & P.L.		
"			4.2	482 3	91 6 Back of Lot		
1+78 7			6 65	479.82	35 1 Top of 4" VCP Outlet		
2+00			5.39	481.08		℄	
"			5.75	480.72			15 5 Edge pvmt
"			5.7	480.8			18' P.L.
"			5 76	480.71	14 6 Edge Pvmt		
"			5 8	480.7	18° P.L.		
2+ 06 6			7.12	479.35			36 9 Top of 4" V.C.P. Outlet
2+ 33 7			7.48	478.99	35° Top of 4" V.C.P. Outlet		

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 1325 Division No. ____ F.B. 1614 Pg. 51
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Emperor Ave Survey by Van Deren Notes W.E. Date 12-7-50 Map No. ____ Date ____

76L298 307 5-49

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt or West
2+61.8		486.47	8.43	478.04		37.0 Top of 4" V.C.P. Outlet
2+88.7			7.04	479.43	35.1 Top of 4" VCP Outlet	
T.P.	4.76	484.53	6.70	479.77	T.P.	
3+00			5.03	479.50		℄
"			5.30	479.23		15.5 Edge Pvmt
"			5.2	479.3		18' P.L.
"			5.18	479.35	14.3 Edge pvmt	
"			5.0	479.5	18.0 P.L.	
3+16.5			6.83	477.70		36.9 Top of 4" V.C.P. Outlet
3+29.7			5.07	479.46		℄ End of pvmt at T.R. Line
"			5.27	479.26		15.6 Edge pvmt
"			5.6	478.9		18' P.L.
"			6.7	477.8		91.3 Back of Lot
"			5.02	479.51	14.0 Edge pvmt	
"			5.0	479.5	18' P.L.	
"			4.5	480.0	91.6 Back of Lot	
T.P.	5.88	489.89	0.52	484.01	T.P.	
T.P.	3.30	488.55	4.64	485.25	T.P.	
T.E. 355			5.62	482.93	T.E. 355 Elev. = 482.916	F.B. 1488 Pg. 182
					Oak Ave. (E. side) at Camino Real Ave.	
					Bt Spk in Curb 5'S of ℄ Prod of Camino Real Ave.	

F.B. 1614 PG. 52
Job No. 1325 Division No. ____ Notes Red. ____ Plotted ____ No. ____ Profile
Survey of Emperor Ave Date ____ Date ____ X-Sec.
Survey by Van Deren Notes W.E. Notes Chkd. ____ Checked ____ No. ____
Indexed R. C. Johnson Date ____ Date ____ Date ____

F. B. 1114 PG. 53

NOTES RED JOB NO. 1802.14 SURVEY OF Earle St.
DATE SURVEY BY Snyder
NOTES CHKD. NOTES BY 1213 DATE 5-23-55
DATE INDEXED J. C. Johnson DATE 5-27-55

DESCRIPTION	ADJ.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
BENCH LEVELS						
for						
EARLE ST						
C.I. 1802.14						

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765420 SBS 3-51

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd. WM 670	410.471				410.471	WM 670 El. 410.471 FB 1642-26
+	3.748		3.728			Live Oak Ave & Willard Ave
	414.2[illegible]		-1.121			N.W. COR - BT. SPK. in Conc.
-	4.869		4.849			5' N. of N. end of C.R.
T.P.	409.350					
+	4887		4.900			
π	414.237	+0.395	+0.398			
-	4492		4.502			
Fd. WM672	409.745				409.742	WM672 EL. 409.742 FB 1642 - 27
+	2770		2.741			Live Oak Ave & Earle St. N.W. COR
π	412.515	-3.375	-3.378			Bt. Spk in Cb. 5' N. of N. end C.R.
-	6.145		6.119			
T.P.	406.370					
+	4.081		4.061			
π	410.451	-1.349	-1.350			
-	5.430		5.411			
Set W.M. 725	405.021				405.017	W.M. 725 Earle St. (E side)
+	5449		5.421			300' ± So. of Live Oak Ave
π	410.470	+1.342	+1.341			BT. SPK in Conc. Walk To
-	4.107		4.080			ho # 5558
T.P.	406.363					
+	6.149		6.140			
π	412.512	+2.289	+2.289			
-	3860		3.851			
T.P.	408652					
+	5581		5.560			
π	414.233	+0.708	+0.710			
-	4873		4.850			
Fd. WM673	409.360				409.354	WM673 EL. 409.354 FB 1642 - 27
						Live Oak Ave & Angelus Ave N.E. COR
						Bt. Spk in Cb. 5' N. of N end C.R.

JOB NO. 1802.14 SURVEY OF Earle St.
SURVEY BY Snyder DATE 5-23-55
NOTES BY [illegible] DATE
INDEXED DATE
NOTES RED DATE

F.B. 1614 PG. 54

Notes Ck'd by	Survey of Earle ST
Map No.	W. O. 1802.14 Tape No. Std. °F
Office Work	Surveyed by Snyder
Checked	Notes PRS Date 5-55
Date	Indexed R. C. Johnson

F.B. 1614 Pg. 55

EARLE ST
C.I. 1802.14
Location of Improvements

IN
S.S. R/W & WILLARD AVE
From- Broadway along S.S. R/W To
WILLARD AVE then on
WILLARD AVE To LIVE OAK AVE

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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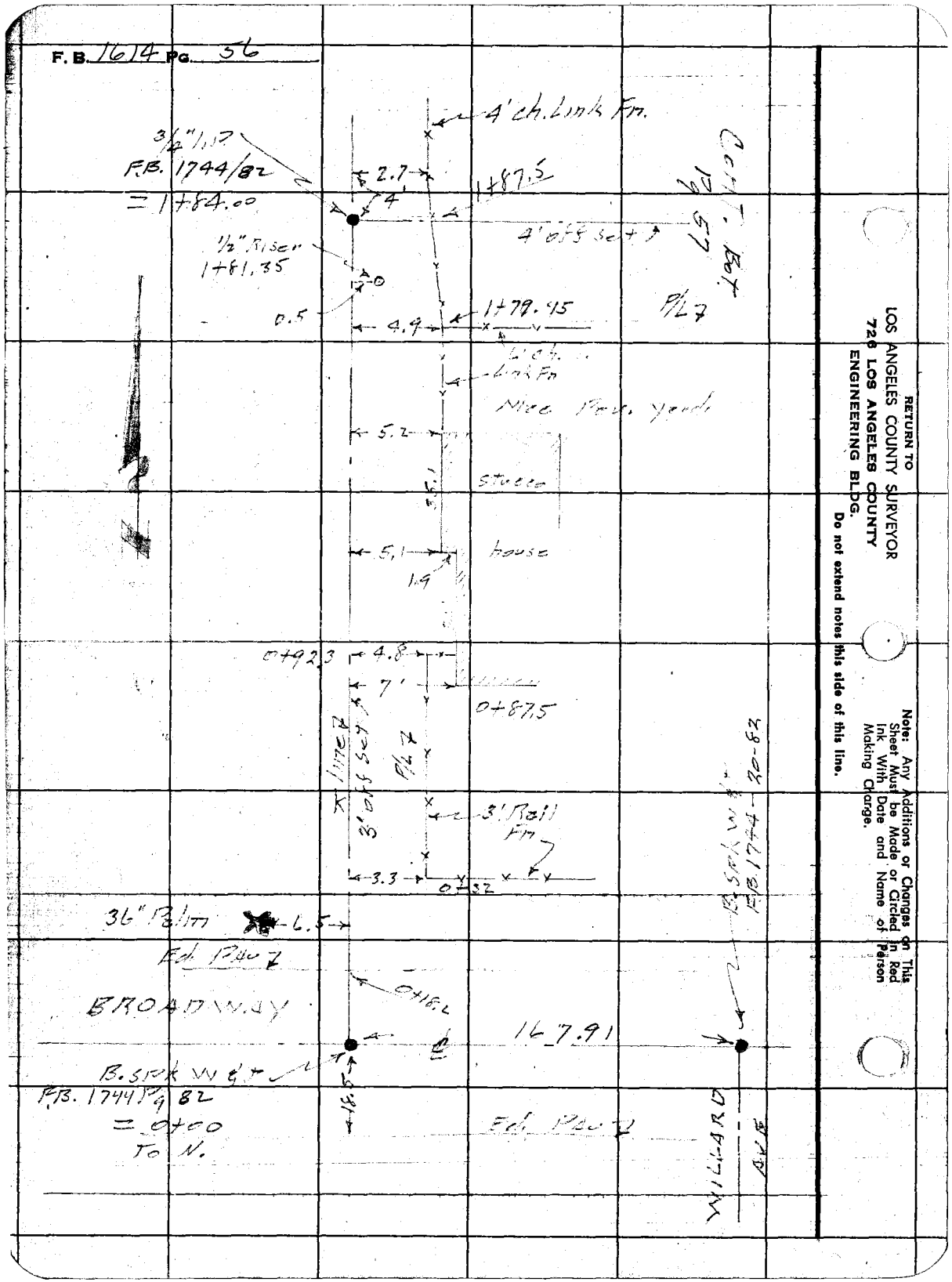
76F3098 247 4-53

F. B. 1614 PG. 56



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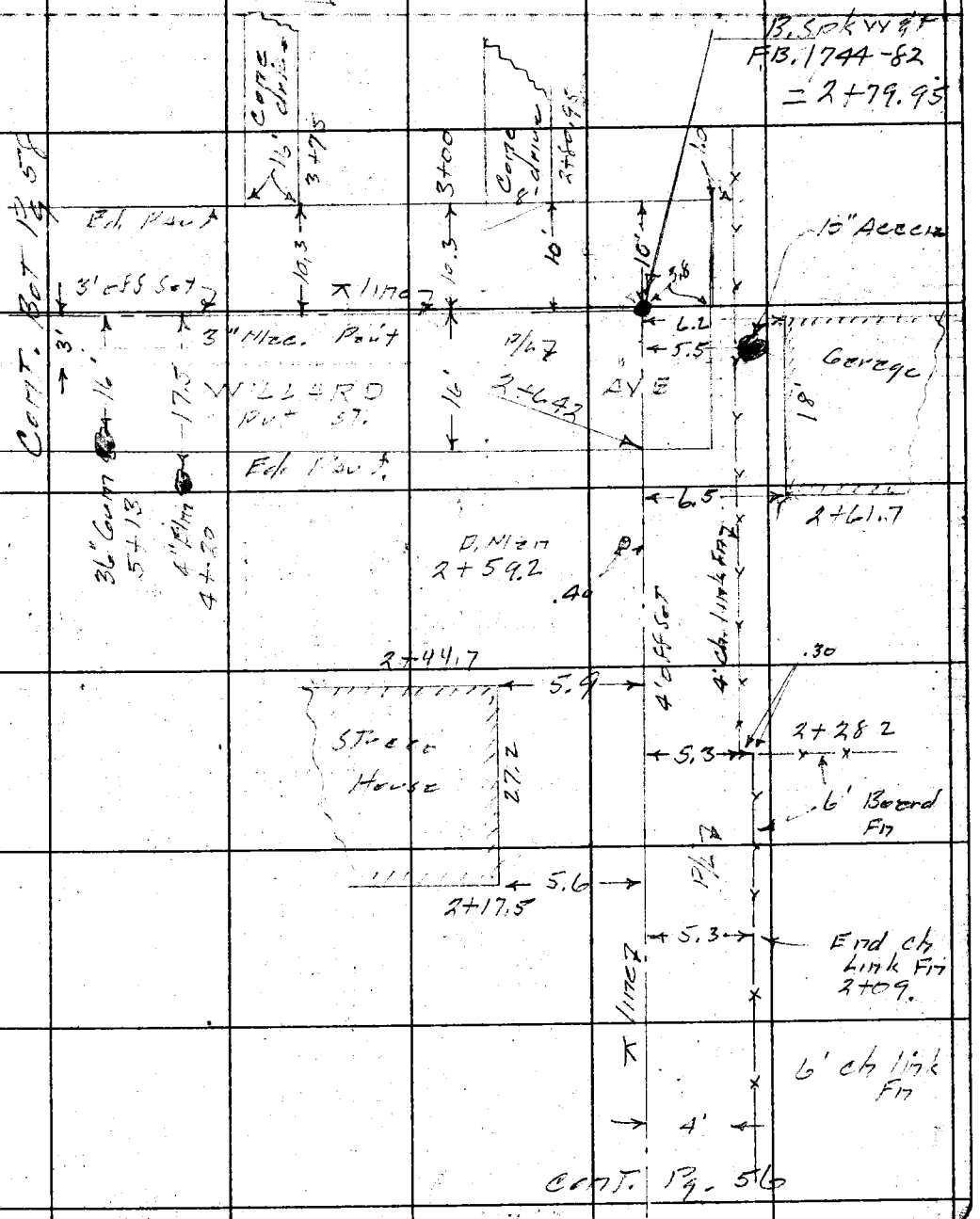
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of EARLE ST
Map No.	W. O. 1802.14 Tape No. St'd. °F
Office Work	Surveyed by Snyder
Checked	Notes PRS Date 5-55
Date	Indexed C. Johnson

F.B. [illegible] Pg. 57



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726 LOS ANGELES COUNTY
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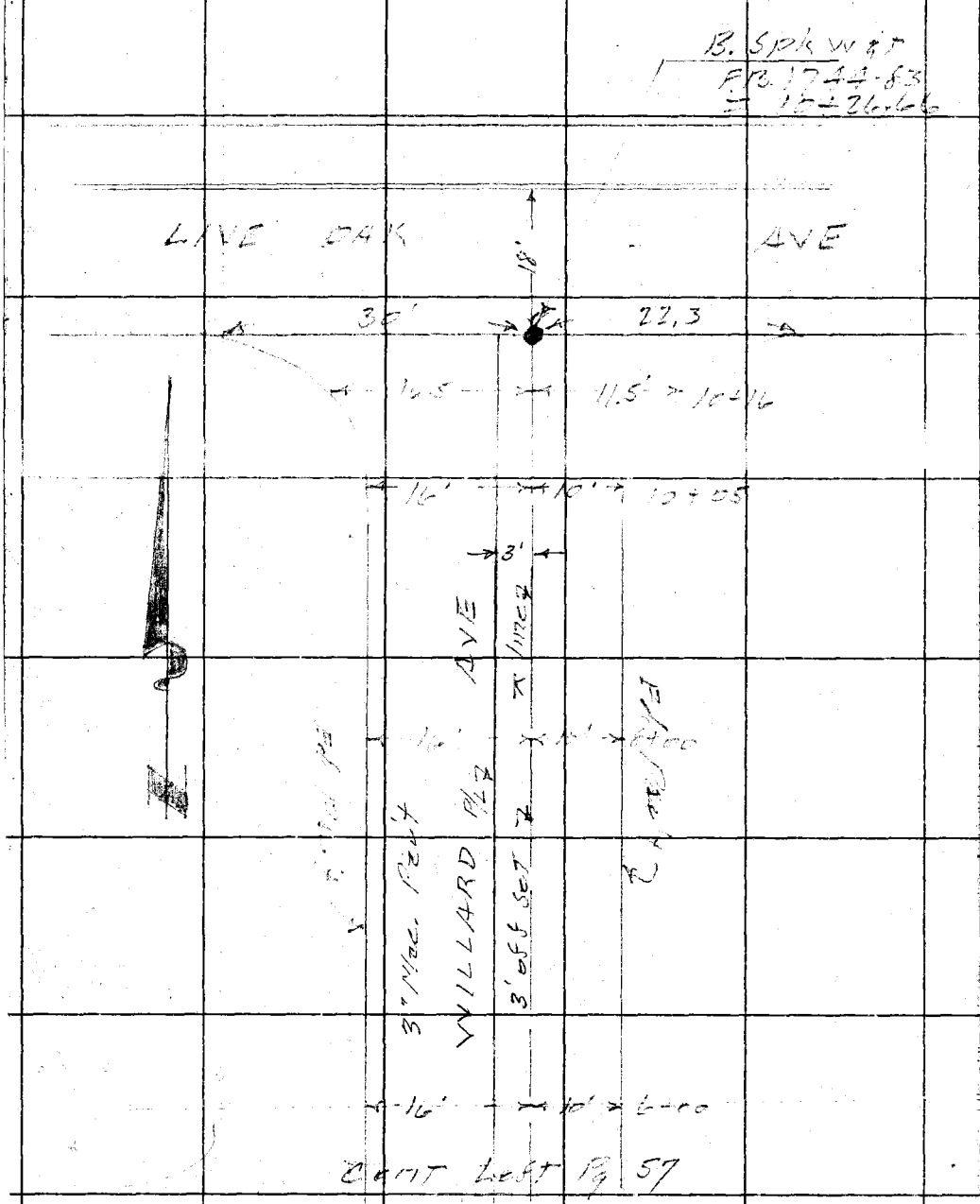
76F3098 247 4-53

F.B. 1614 PG. 58



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Profile	Notes Red	Plotted	Job No. 1802.14	Division No.	F. B. 1614 Pg. 54
No.	Date	Date	Survey of Earle St		
X-Sec.	Notes Chkd	Checked	Survey by Snyder Notes [illegible]	Date 5-[illegible]	
No.	Date	Date	Map No.	Indexed R. G. Johnson	Date 5-27-55

EARLE ST
C.I. 1802.14
X SECTIONS
IN
S.S. R/W & WILLARD AVE
From - Broadway along S.S. R/W To
WILLARD AVE Then on
WILLARD AVE To
LIVE OAK AVE

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

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Left & W ⊼ line	Right & E
TE 914				401 70	TE 914 Elev. 401.703 F.B. 1642-48	
	258	404 28			Broadway (W side) at Willard Ave	
					BT. spk in curb on W. side	
					of drive	
0+00			520	399 08	1 ft ⊼ line & Broadway	
✓			515	399 13		25' R
✓			527	399 01	25' L	
0+18.2			562	398 66		⊼ Ed. Pav. & Gutter
✓			548	398 [illegible]		25' R Ed. Pav & Gutter
✓			567	398 61	25' L Ed. Pav't & Gutter	
0+30			55	398 [illegible]		⊼ at P/L
✓			54	398 9		25' R P/L
✓			49	399 4	25' L P/L	
1+00			46	399 7		⊼
✓			45	399 [illegible]		7' R at House
✓			46	399 7	25' L	
1+84			40	400 3		⊼ & Point.
✓			39	400 4		5' R 90° To B. Line
✓			38	400 5	25' L 90° To Back line	
T.P.	441	405 96	273	401 55		
1+84			54	400 6	25' L 90° T line shd.	

F. B. 1614 Pg. 60 Job No. 1802.14 Division No. Notes Red. Plotted Profile
Survey of Earle ST. Date Date No.
Survey by Snyder Notes PRS Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

PLEASE RETURN TO
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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. S.S. Rd. & Wilbard Ave.

STATION	B. S.	H. I.	F. S.	ELEV.	Left	Line	Right
2+00		405.96	53	400.7			
✓			58	400.2			25' R
✓			48	401.2	25' L		
2+64.2			518	400.78			Ed. Pav.
✓			54	400.6			25' R
2+[illegible]			506	400.90	127' S.S. R/W & Wilbard Ave		℄ Point
			508	400.88			3.8' R Ed. Pav. 90° To Line
			54	400.6			25' R 90° To Line
			52	400.8			Ed. Pav. 10' R 90° To Line
			42	401.8			B.L.L. 87' R 90° To Line
3+00			484	401.12			
✓			50	401.0			10' R Ed. Pav.
✓			482	401.14	3' L ℄ Pav.		
✓			490	401.06	6' L Ed. Pav.		
4+00			360	402.42			
✓			372	402.24			10' R Ed. Pav.
✓			358	402.38	3' L ℄ Pav.		
✓			377	402.19	16' L Ed. Pav.		
T.P.	6.45	409.79	360	402.36			
5+00			562	403.17			
✓			578	403.01			10' R Ed. Pav.

Profile Notes Rod. No. ____ Date ____ Plotted ____ Date ____ Job No. 1162 Division No. ____
X-Sec. Notes Chkd. No. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by ____ Date ____ Map No. ____ Indexed ____ Date ____
F. B. 1162 Pg. 61

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

Willard Ave

STATION	B. S.	H. I.	F. S.	ELEV.	Left of ℄	Line Right of ℄
5+00		408 79	562	[illegible]	3'L ℄ Pav. & P/L	
✓			588	405 [illegible]	16'L Ed. Pav.	
6+00			491	[illegible] 88		
✓			500	[illegible]		10'R Ed. Pav't
✓			43	405 5		87'R B.L.L.
✓			485	[illegible]	3'L ℄ Pav & P/L	
✓			501	405 [illegible]	16'L Ed. Pav.	
✓			50	405 [illegible]	93'L B.L.L.	
7+00			372	40[illegible]		
✓			401	40[illegible]		10'R Ed. Pav't
✓			367	40[illegible]	3'L ℄ Pav't & P/L	
✓			403	40[illegible]	16'L Ed. Pav.	
8+00	479	411 12	246	405 93		
			519	405 93		10'R Ed. Pav't
			49	406 [illegible]		25'R
			44	406 7		87'R B.L.L.
			473	406 [illegible]	3'L ℄ Pav't & P/L	
			512	406 00	16'L Ed. Pav't	
			49	406 [illegible]	25'L	
			50	406 1	93'L B.L.L.	
9+00			331	407 [illegible]		

F. B. 1614 Pg. 62
Survey of Eagle St.
Survey by C. Johnson
Indexed
Job No. 8622
Division No. 8 Sta. 3
Notes Red. Date
Notes Chkd. Date
Notes Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

WILLARD

STATION	B. S.	H. I.	F. S.	ELEV.	Left & W	X Note	Right & E
9+00		411 12	380	407 32			10' R Ed. Pav.
			349	407 65	5' L	@ Pav. & ½	
			381	407 31	16' L	Ed. Pav.	
T.P.	660	414 21	351	407 61			
10+00			501	409 20		X	
			517	409 04			10' R Ed. Pav.
			53	408 9			25' R
			48	409 4			67' R B.L.L.
			499	409 22	3' L	@ Pav. & ½	
			515	409 06	15' L	Ed. Pav.	
			50	409 2	75' L		
			53	408 9	93' L	B.L.L.	
10+26.66			454	409 67	17' L	Line cor Ave & X line	
			441	409 80			22' R Ed. Pav.
			453	409 68	5' L	@ Pav. & ½	
			456	409 25	30' L	Ed. Pav.	
10+44.66			460	409 41		X	Prod Gutter
			404	410 12		X	" Top of cb
			464	409 57			25' R Gutter
			398	410 23			25' R Top of cb
			484	409 37	80' L Gutter		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. ____ Pg. 103

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

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Chkd. Johnson Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Willard Ave

STATION	B. S.	H. I.	F. S.	ELEV.		
10+44.66		414.21	414	[illegible] 67	30' L Top cb	
WM. 670			372	410 49	W.M. 670 EL. 410.471 F.B. 1642/26 Live Oak Ave & Willard Ave N.W. cor. — BT. spk. in curb 5' N. of N. end of C.R.	

F. B. 1614 Pg. 64 Job No. 1802.14 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of Earle St. Date ____ Date ____ No. ____
Survey by Snyder Notes PRS Notes Chkd. ____ Checked ____ X-Sec.
Indexed R. C. Johnson Date ____ Date ____ No. ____

Notes Ck'd by	Survey of Earle ST
Map No.	W. O. 1802.14 Tape No. St'd. °F
Office Work	Surveyed by Snyder
Checked	Notes PRS Date 5-55
Date	Indexed C. Johnson

F.B. 1614 PG. 65

EARLE ST

C.I. 1802.14

Location of Improvements

on

EARLE ST (Pvt ST)

From - LIVE OAK AVE

To - S. end of ST

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.

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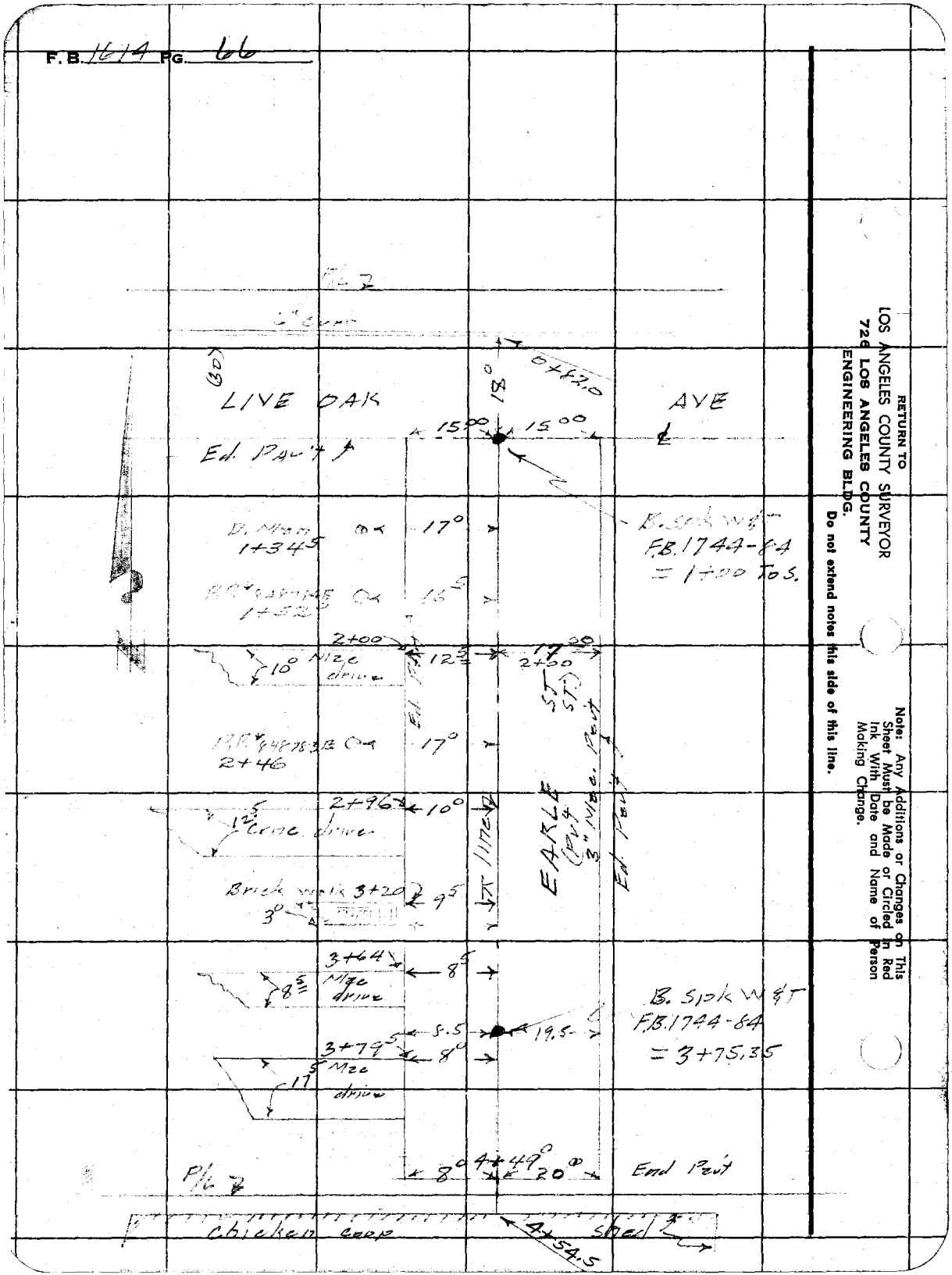
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F8098 247 4-53

F.B. 1614 PG. 66



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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.

Profile	Notes Red.	Plotted	Job No. 1802.14	Division No.	F. B. 1614 Pg. 67
No.	Date	Date	Survey of Earle ST		
X-Sec.	Notes Chkd.	Checked	Survey by Snyder	Notes PRS	Date 5-25-55
No.	Date	Date	Map No.	Indexed C. Johnson	Date

C.I. 1802.14
EARLE ST S.S. DIST

X SECTIONS
on
EARLE ST.
From — LIVE OAK AVE
To — So End of ST.

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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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 S & E #307 9-54

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Do not extend notes this side of this line.

Earle ST

STATION	B. S.	H. I.	F. S.	ELEV.	Left & E ⊼ line	Right & W
W.M. 672				409 74	W.M. 672 Elev. 409.742 F.B. 1642-27	
	314	412 88			Live Oak Ave & Earle ST. N.W. cor.	
					BT. spk. in curb 5' N. of N. end of C.R.	
0+82			410	408 78	⊼ Prod Gutter	
✓			339	409 49	⊼ ✓ Top curb	
			410	408 78		15' R Gutter
			342	409 46		15' R Top cb
			410	408 78	15' L Gutter	
			340	409 48	15' L Top cb	
1+00			400	408 88	INT Live Oak Ave & Earle ST.	
✓			394	408 94		15' R Ed. Pav.
✓			385	409 03	15' L Ed. Pav.	
1+30			500	408 88	⊼	
✓			500	408 88		15' R Ed. Pav.
✓			41	408 8		90' R B.L.L.
✓			512	407 76	15' L Ed. Pav.	
✓			49	408 0	90' L B.L.L	
2+00			582	407 06		
✓			582	407 06		12.5' R Ed. Pav.
✓			595	406 93	17' L Ed. Pav.	
3+00	310	409 06	692	405 96	⊼	

F.B. 1614 Pg. 68 Job No. 1402.14 Division No. ___ Notes Red. ___ Plotted ___ Profile
Survey of Earle ST. Date ___ Date ___ No. ___
Survey by Snyder Notes PRS Notes Chkd. ___ Checked ___ X-Sec.
Indexed C. Johnson Date ___ Date ___ Date ___ No. ___

76L298 S & E #307 9-54

PLEASE RETURN TO
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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. Earle St

STATION	B. S.	H. I.	F. S.	ELEV.	Left ℄	Line	Right ℄
3+00		404.06	313	405.93			16' R Ed. Pav.
			298	406.08			20' R
			317	405.89	20' L Ed. Pav.		
3+75.35			430	404.76		X	line of off set line
			426	404.80			8.5' R Ed. Pav.
			42	404.9			18' R
			400	405.66	19.5' L Ed. Pav.		
4+00			464	404.42		X	
			455	404.51			8' R Ed. Pav.
			41	405.0			20' R
			445	404.61	19.5' L Ed. Pav.		
4+49			510	403.96		X	End. Pav.
			508	403.98			8' R Ed. Pav.
			495	404.11	20' L Ed. Pav.		
4+54			51	404.0		X	line at shed
			46	404.5			20' R
			48	404.3			90' R B.L.L.
			47	404.4	20' L		
			47	404.4	90' L B.L.L.		
			Cont Next Pg.				

Profile Notes Red. Plotted Job No. Division No. F. B. 1614 Pg. 69
No. Date Date Surveyed Earle St
X-Sec. Notes Chkd. Checked Survey by Snyder Notes 1775 Date 5-55
No. Date Date Map No. Noted Johnson Date

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		409.06				
WM 725			403	405.03	WM 725 El. 405.021	F.B. 1614-54 (Field Elev)
					Earle St. (E Side) 300' ± S of	
					Live Oak Ave - Bt. Spk. in	
					Conc. walk to ho # 5558	

F. B. 1614 Pg. 70 Job No. 1803.14 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of Earle St. Date ____ Date ____ No. ____
Survey by Snyder Notes PBS Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of Earle ST.
Map No.	W. 1802.14 Tape No. St'd. °F
Office Work	Surveyed by Snyder
Checked	Notes PRS Date 2-29-56
Date	Indexed

F.B. 1614 PG. 71

C.I. 1802.14
EARLE ST S.S. DIST.

Location of Improvements
in
S.S. R/W

From - Broadway
To - S. end of Willard Ave (Pit st.)

Party
Snyder
Le Gault
Evans
Banksen

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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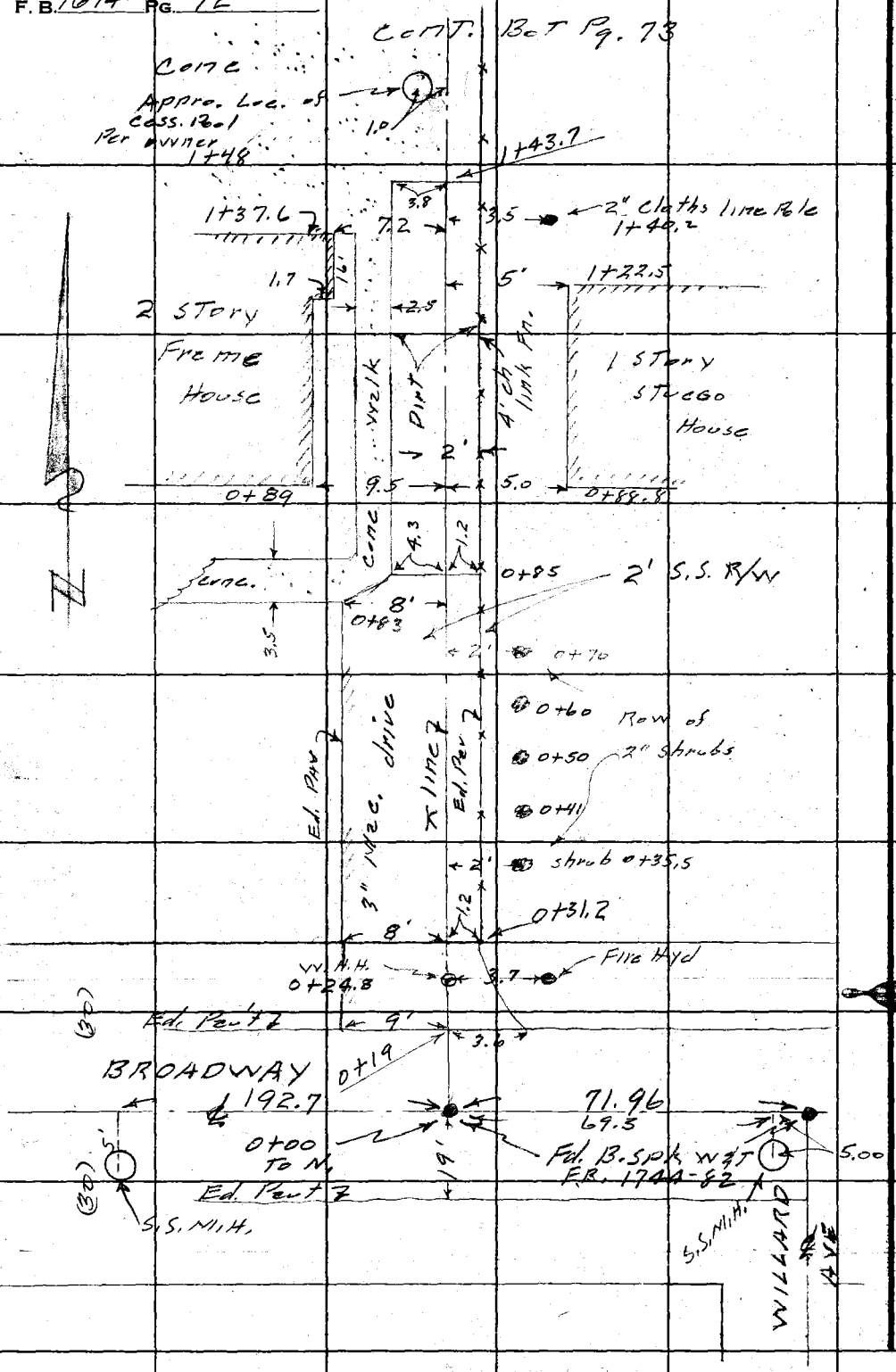
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 4-53

F. B. 1614 PG. 72



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Notes Ck'd by	Survey of Earle ST
Map No.	W. O. 1807-A Tape No. St'd. °F
Office Work	Surveyed by Snyder
Checked	Notes 12135 Date 2-29-56
Date	Indexed

F. B. 1614 PG. 73

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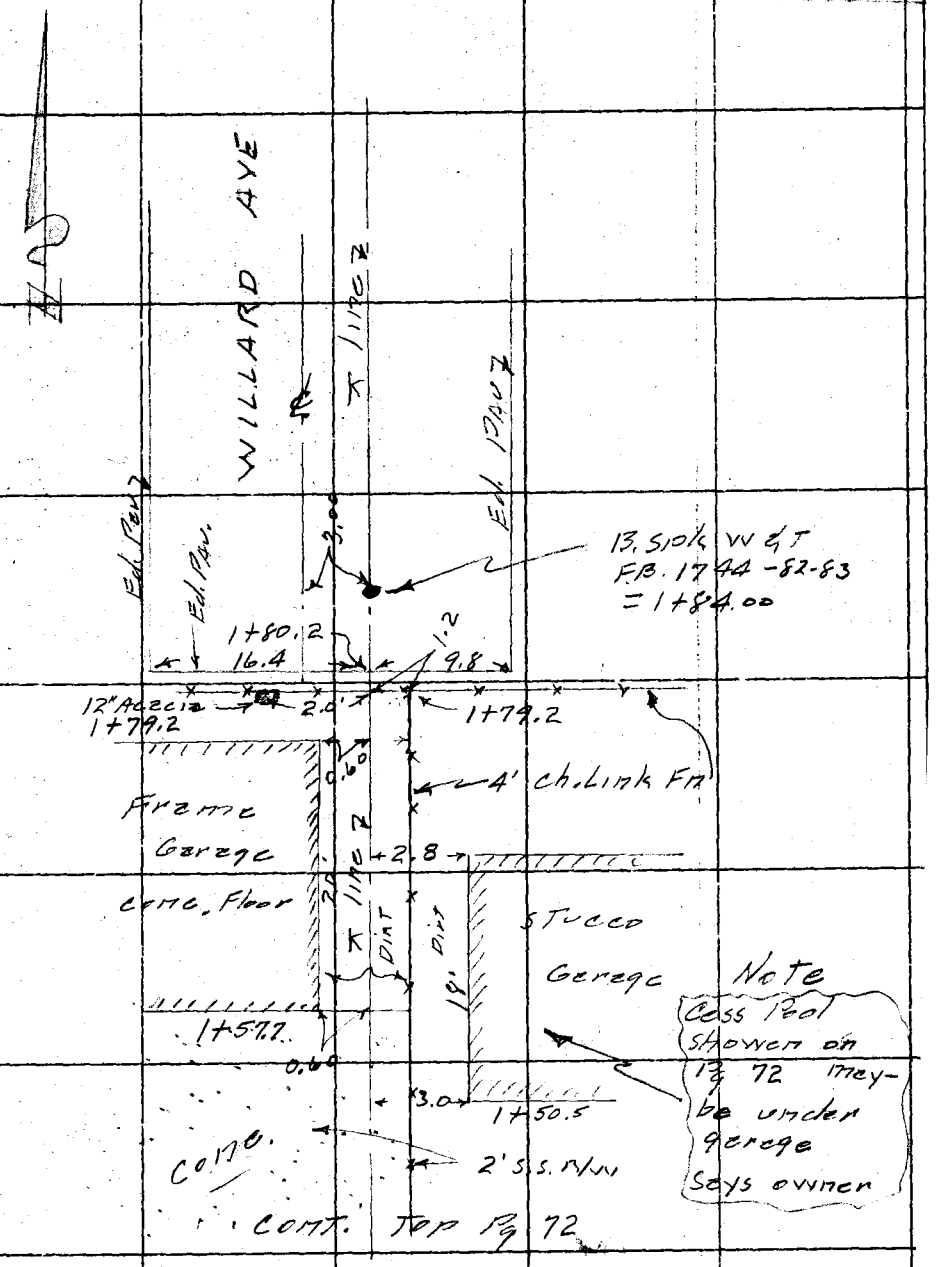
ENGINEERING BLDG.



76F3098 247 4-55

F. B. 1614 PG. 74

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F.B. 1614 PG. 77

F. B. 1614 PG. 75

Profile No.	Notes Red. Date	Plotted Date	Job No. 1802.14	Division No. 10	
			Survey of Earle ST		
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey by Snyder	Notes P135	Date 2-29-56
			Map No.	Indexed	Date

C.I. 1802.14
EARLE ST S.S. DIST

X SECTIONS
IN
S.S. R/W.

From - Broadway
To - S. end of Willard Ave (Pit ST)

Party
Snyder
Le Gault
Evans
Banksun

STATION	B.B.	H.I.	F.B.	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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76L298 S & E #307 9-54
6L29

F.B. 1614 PG. 78 | 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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76L298 307 10-51

76L298 S & E #307 9-54

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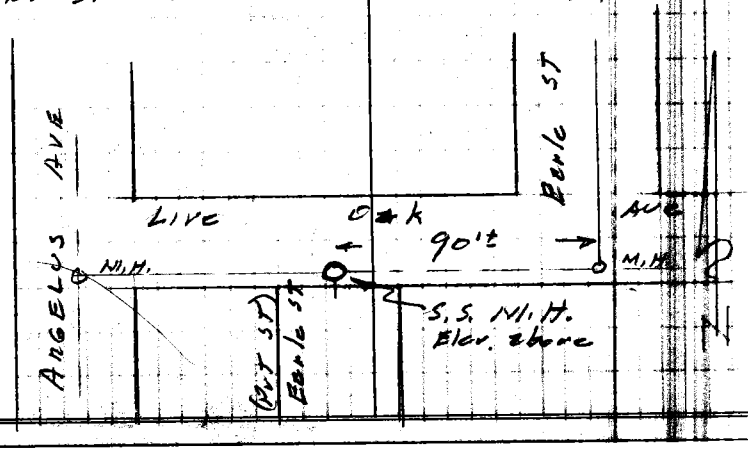
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		INVERT Elev. of Manhole at Live Oak Ave & Earle ST (Put ST) To South			
W. M 672	453	414 27		409 74	W. M 672 El. 409.742 F.B. 1642-27 Live Oak Ave & Earle ST N.W. COR. BT. Spk in cb 5' N. of N. end C.R.
S.S. M.H.			544	408 83	Rim of M.H. (Location below)
8" inlet E.			1603	398 24	Rod 5.44 Meas 9.92 Dia .67 1603
8" stub S.			1604	398 23	Rod 5.44 Meas 9.93 Dia .67 1604
8" outlet W.			1611	398 16	Rod 5.44 Meas 10.40 Dia .67 1611
T.P.	536	414 30	533	408 94	T.P.
W. M. 673			493	409 37	W. M 673 El. 409.354 F.B. 1642-27 Live Oak Ave & Angelus Ave N.E. COR. BT. Spk in cb 5' N. of N. end C.R.



Profile No. ____ Date ____ Notes Red ____ Plotted ____ Date ____ Job No. C.I. 1802 Division No. 10 Survey of Earle ST Survey by Sitzler Notes 1735 Date 3-30-56 Map No. ____ Indexed ____ Date ____

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____

F. B. 1614 Pg. 79

F. B. Pg.

Job No. Division No. Notes Red. Plotted

Survey of Date Date

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date

Profile No.

X-Sec. No.

76L298 S & E #307 9-84

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

F.B. 1614 PG. 81

NOTES RED. _____ JOB NO. [illegible] SURVEY OF HAWTHORNE AVE.

DATE _____ SURVEY BY LANIGAN

NOTES CHKD. J.G. NOTES BY RIKE DATE 10-18-56

DATE Nov. 1956 INDEXED K. C. Johnson DATE 11-15-56

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
C.V. 1932.74						
HAWTHORNE AVE.						
BENCH LEVEL CIRCUIT						
			LANIGAN			
			RIKE			
			YASUI.			

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 353 3-51

76S420 353 3-51

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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
B.M. U.S. 42 35 X 780	76.283					ELV. = 76.283 190th St. + PRAIRIE U.S. 4235 X 780 AVE. N.E. COR., 26.4' N. OF ℄
+	4.303		4.188			190th ST. AND 37.3' E. OF ℄ PRAIRIE AVE.
π	80.586	+0.005	+0.008			STD. DISK STAMPED (X 780-1946) AND SET
−	4.298		4.180			IN TOP OF CONC. POST.
T.P.	76.288					T.P.
+	4.880		4.624			
π	81.168	+0.411	+0.412			
−	4.469		4.212			
T.P.	76.699					T.P.
+	5.208		5.050			
π	81.907	+0.679	+0.679			
−	4.529		4.371			
T.P.	77.378					T.P.
+	5.149		4.940	5.029		
π	82.527	+0.847	+0.840	+0.847		
−	4.302		4.100	4.182		
T.P.	78.225					T.P.
+	5.202		5.032			
π	83.427	+0.923	+0.923			
−	4.279		4.109			
T.P.	79.148					T.P.
+	5.272		5.078			
π	84.420	+1.201	+1.201			
−	4.071		3.877			
T.P.	80.349					T.P.
+	5.260		5.092			
π	85.609	+1.050	+1.048			
−	4.210		4.044			
T.P.	81.399					T.P.

JOB NO. 1932.14 SURVEY OF HAWTHORNE AVE. NOTES RED.
SURVEY BY LANIGAN DATE
NOTES BY RIKE DATE 10-18-56 NOTES CHKD. J.G.
INDEXED A. C. Johnson DATE DATE Nov. 1956

F.B. 1614 PG. 82

768420 353 3-51

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 1220.14 SURVEY OF HAWTHORNE AVE.
NOTES CHKD. J.G. NOTES BY RIKE DATE 10-19-52
F.B. 1614 Pg. 83

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	81.399					T.P.
+	6.112		5.971			
π	87.511	+3.542	+3.541			
-	2.570		2.430			
T.P.	84.941					T.P.
+	6.180		6.051	5.912		
π	91.121	+1.959	+1.951	+1.962		
-	4.221		4.100	3.950		
T.P.	86.900					T.P.
+	5.000		5.059			
π	91.900	+0.640	+0.641			
-	4.360		4.418			
T.P.	87.540					T.P.
+	5.749		5.612	5.460		
π	93.289	+3.339	+3.332	+3.335		
-	2.410		2.280	2.125		
T.P.	90.879					T.P.
+	3.007		2.870			
π	93.886	-1.165	-1.168			
-	4.172		4.038			
T.P.	89.714					T.P.
+	4.951		4.769			
π	94.665	-0.683	-0.680			
-	5.634		5.449			
T.P.	89.031					T.P.
+	3.590		3.458			
π	92.621	-0.111	-0.111			
-	3.701		3.569			
B.M. B STATE HWY (#9-A-50)	88.920					B.M. B STATE HWY (#9-A-50) ELEV. = [illegible]52
						HAWTHORNE AVE. (E. SIDE) AT SANT[illegible] R.R. OVERPASS, CYL. SPL. INER R.R. ABUTMENT 1.5' [illegible] GROUND

DESCRIB. OF B.M. B STATE HWY. #9-A-50 [illegible] NEXT PAGE

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 1932.14 SURVEY OF HAWTHORNE AVE
SURVEY BY LANIGAN
NOTES BY RIKE DATE 10-19-56
INDEXED J. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. J.G. DATE Nov. 1956

F.B. 1614 PG. 84

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ: ELEV.	DESCRIPTION
B.M. B STATE H'WY. #9-A-60	88.920					B.M. B. STATE H'WY (#9-A-50) EIV. = 88.52
+	2.708		2.551			
π	91.628	-2.682	-2.682			
-	5.390		5.233			
T. P.	86.238					T. P.
+	5.908		5.808			
π	92.146	+1.908	+1.908			
-	4.000		3.900			
T. P.	88.146					T. P.
+	6.026		6.171			
π	94.172	+3.248	+3.250			
-	2.778		2.921			
T. P.	91.394					T. P.
+	4.670		4.751			
π	96.064	+0.797	+0.795			
-	3.873		3.956			
T. P.	92.191					T. P.
+	4.300		4.212			
π	96.491	+0.439	+0.438			
-	3.861		3.774			
B.M.A.	92.630					B.M.A (STATE H'WY. #49-TORRANCE-54) EIV. = 92.23 - HAWTHORNE AVE. (W. SERVICE RD.), (E. SIDE) AT CADISON ST., P.K. SPK. IN LEAD IN CURB, 17'± S. OF ℄ OF CADISON ST.
+	3.949		3.837			
π	96.579	-0.456	-0.455			
-	4.405		4.292			
T. P.	92.174					T. P.
+	4.270		4.120	4.046		
π	96.444	-0.970	-0.960	-0.961		
-	5.240		5.080	5.007		
T. P.	91.204					T. P.

765420 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. P.	91.204					T. P.
+	3.202		3.039			
⊼	94.406	-3.037	-3.039			
-	6.241		6.078			
T. P.	88.165					T. P.
+	4.262		4.148	4.070		
⊼	92.427	-1.918	-1.912	-1.912		
-	6.180		6.060	5.982		
T. P.	86.247					T. P.
+	5.114		4.962			
⊼	91.361	+1.464	+1.462			
-	3.650		3.500			
T. P.	87.711					T. P.
+	3.730		3.555			
⊼	91.441	+1.928	+1.927			
-	1.802		1.628			
(RD. DEPT.) B.M.-139	89.639					(RD. DEPT.) B.M.-139 HAWTHORNE AVE. AND SANTE FE R.R. OVERPASS, IN S.W. WING WALL BRASS CAP SET IN TOP OF WING WALL
+	2.310		2.163			
⊼	91.949	-1.230	-1.228			
-	3.540		3.391			
T. P.	88.409					T. P.
+	4.661		4.579			
⊼	93.070	+0.309				
-	4.352					
T. P.	88.718					T. P.
+	5.721		5.501			
⊼	94.439	+3.187	+3.187			
-	2.534		2.314			
T. P.	91.905					T. P.

NOTES RED _____ JOB NO. [illegible]
DATE _____ SURVEY BY LANIGAN SURVEY OF HAWTHORNE AVE.
NOTES CHKD. J.G. NOTES BY PIKE DATE 10-19-56
DATE Nov. 1956 INDEXED A. C. Johnson DATE

F.B. 1614 Pg. 85

769420 S & E-353 4-54

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JOB NO. 1932.14 SURVEY OF HAWTHORNE AVE.
SURVEY BY LANGAN
NOTES BY PIKE DATE 10-19-56
INDEXED C. Johnson DATE
NOTES RED DATE
NOTES CHKD. J.G. DATE Nov. 1956

F.B. 1614 Pg. 86

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P.	91.905					T. P.
+	6.128		6.070			
Π	98.033	+3.084	+3.082			
−	3.044		2.988			
T. P.	94.989					T. P.
+	6.212		6.155			
Π	101.201	+3.680	+3.680			
−	2.532		2.475			
B.M.-C	98.669					B.M.-C HAWTHORNE AVE. (W. SIDE)
+	3.050		2.900			297'± S. OF ℄ 186th ST., BT. SPK. IN CURB,
Π	101.719	-2.878	-2.878			10' N. OF S. P/L OF SCHOOL.
−	5.928		5.778			
T. P.	95.791					T. P.
+	1.888		1.669			
Π	97.679	-4.301	-4.303			
−	6.189		5.972			
T. P.	91.490					T. P.
+	4.621		4.438			
Π	96.111	-0.726	-0.723			
−	5.347		5.161			
T. P.	90.764					T. P.
+	4.211		4.010			
Π	94.975	-1.200	1.199			
−	5.411		5.209			
B.M.-D	89.564					B.M.-D HAWTHORNE AVE. AND 190th ST. (N. FORK) N.E. COR., CONC. MON. BRASS CAP MARKED STATE OF CALIF. - DIV. OF HWYS., 2' S. AND 2.5' E. OF S. END OF CONC. BLK. WALL, OF RADIO STA. KNX.

768420 353 3-51

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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
B.M.-D	89.564					B.M.-D (SEE PREVIOUS PAGE FOR DESCRIP.)
+	6.082		5.984			
Π	95.646	+0.702	+0.705			
−	5.380		5.279			
T.P.	90.266					T.P.
+	4.750		4.496			
Π	95.016	+0.880	+0.880			
−	3.810		3.616			
T.P.	91.146					T.P.
+	4.379		4.511			
Π	95.525	-0.682	-0.685			
−	5.061		5.196			
T.P.	90.464					T.P.
+	2.578		2.467			
Π	93.042	-2.928	-2.924			
−	5.506		5.391			
T.P.	87.536					T.P.
+	4.324		4.282			
Π	91.860	-0.598	-0.599			
−	4.922		4.881			
T.P.	86.938					T.P.
+	4.238		4.150			
Π	91.176	-1.571	-1.570			
−	5.809		5.720			
T.P.	85.367					T.P.
+	2.989		2.818	2.670		
Π	88.356	-3.196	-3.203	-3.200		
−	6.185		6.021	5.870		
T.P.	82.171					T.P.

NOTES RED _____ DATE _____
NOTES CHKD. J.G. DATE Nov. 1956
JOB NO. [illegible]
SURVEY BY LAWTON & RYNE
NOTES BY RIKE DATE 10-23-56
INDEXED R. C. Johnson DATE
SURVEY OF LAWTON & RYNE

F.B. 1614 PG. 87

769420 353 3-51

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F.B. 1614 PG. 88

JOB NO. 1932.14 SURVEY OF HAWTHORNE AVE.

SURVEY BY LANIGAN

NOTES BY RIKE DATE 10-23-56

INDEXED C. Johnson DATE

NOTES RED. DATE

NOTES CHKD. J.G. DATE NOV. 1956

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P.	82.171					T. P.
+	3.848		3.722			
π	86.019	-1.519	-1.519			
−	5.367		5.241			
T. P.	80.652					T. P.
+	4.450		4.260			
π	85.102	-0.998	-0.997			
−	5.448		5.257			
T. P.	79.654					T. P.
+	4.463		4.303			
π	84.117	-0.677	-0.676			
−	5.140		4.979			
T. P.	78.977					T. P.
+	4.375		4.199			
π	83.352	-0.934	-0.933			
−	5.309		5.132			
T. P.	78.043					T. P.
+	4.381		4.130			
π	82.424	-0.654	-0.653			
−	5.035		4.783			
T. P.	77.389					T. P.
+	4.455		4.270			
π	81.844	-0.743	-0.742			
−	5.198		5.012			
T. P.	76.646					T. P.
+	4.465		4.248			
π	81.111	-0.340	-0.340			
−	4.805		4.588			
T. P.	76.306					T. P.

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P.	76.306					T.P.
+	4.363		4.219			
Π	80.669	-0.027	-0.026			
−	4.370		4.245			
B.M. U.S. #42 36-X780	76.279					U.S. 42-35-X780 + PRAIRIE AVE EN. = 76.283 190±0 S.E. N.E. COR., 26.4' N. OF ℄ PRAIRIE AVE STD. DISK STAMPED (X780-1946) AND SET IN TOP OF CONC. POST.

NOTES RED _____ JOB NO. 1932-1 SURVEY OF HAWTHORNE AVE.
DATE _____ SURVEY BY LANIGAN
NOTES CHKD. J.G. NOTES BY PIKE DATE 10-23-56
DATE Nov. 1956 INDEXED C. Johnson DATE

F.B. 1614 PG. 89

F. B. 1614 Pg. 90

JOB NO. 1932.14 SURVEY OF HAWTHORNE AVE. NOTES RED.
SURVEY BY LANIGAN DATE
NOTES BY RIKE DATE 10-23-56 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

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765420 S & E-353 4-54

Notes Ck'd by Gene	Survey of HAWTHORNE AVE
Map No.	JN 030300 Tape 0170 Std 68 °F
Office Work	Surveyed by J. J. LANIGAN.
Checked	Notes J. J. L. Date 10-29-56
Date	Indexed K. C. Johnson 11-15-56

F. B. 1614 PG. 91

CENTER-LINE
SURVEY
FOR.
HAWTHORNE AVE.
C.I. 1932.14

LANIGAN
RIKE.
YASUI
McNARY

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76F309S S&E #247 1-56

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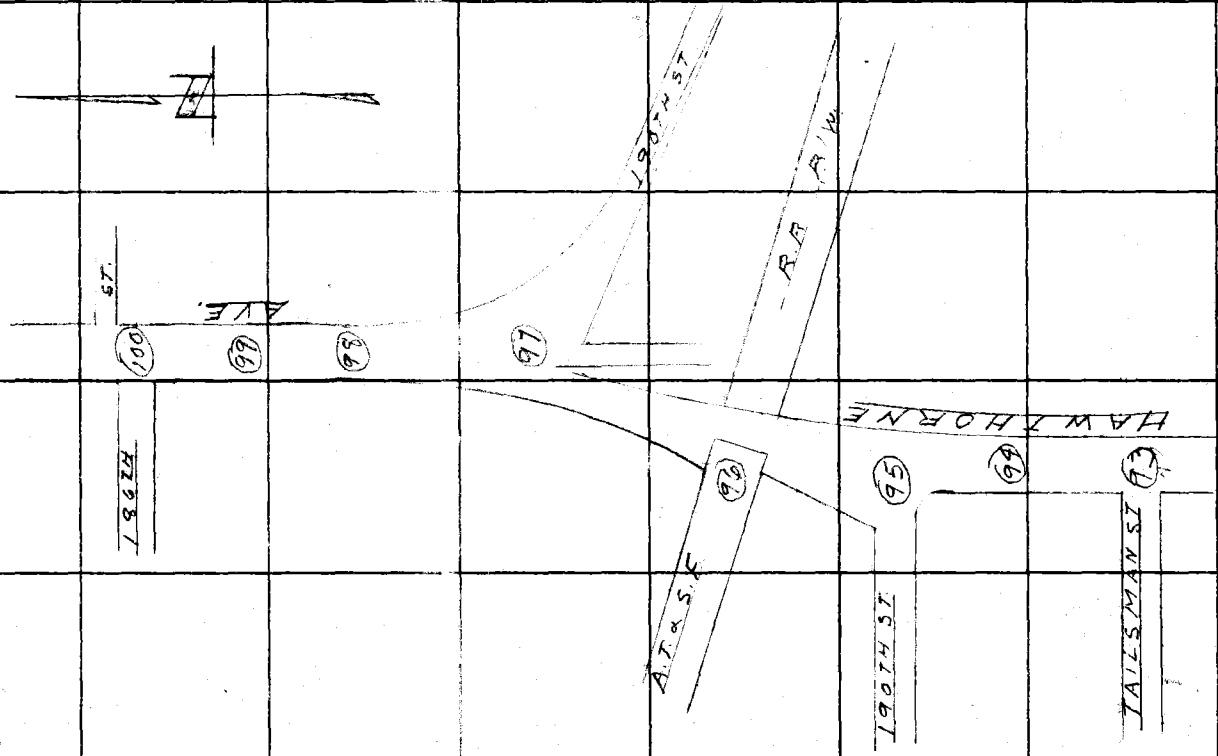
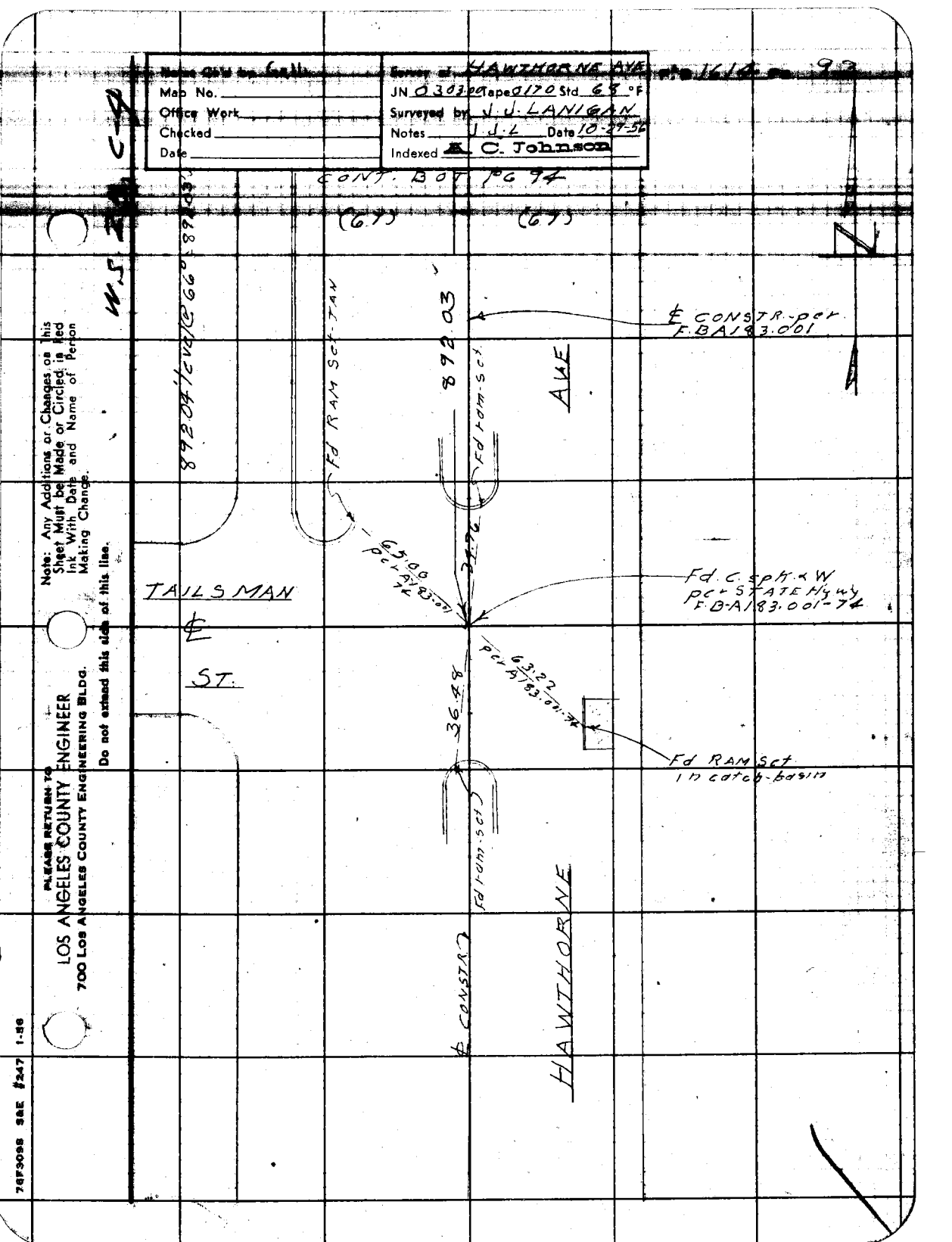


F. B. 1614 PG. 92



Map No.
Office Work
Checked
Date
Survey of HAWTHORNE AVE
JN 0303.00 Tape 0170 Std 68 °F
Surveyed by J. J. LANIGAN
Notes J. J. L Date 10-29-56
Indexed A. C. Johnson
CONT. BOT PG 94
(67)
(67)
892.03
892.04'/cvc/@66° 892.03
Fd RAM Sct-TAN
Fd ram-sct
℄ CONSTR-per F.B.A183.001
AVE
65.00 per A183.001-74
34.96
Fd. C. spk. & W per STATE Hwy F.B-A183.001-74
TAILSMAN
℄
ST.
63.22 per A183.001-74
36.48
Fd RAM Sct in catch-basin
Fd ram-sct
℄ CONSTR
HAWTHORNE
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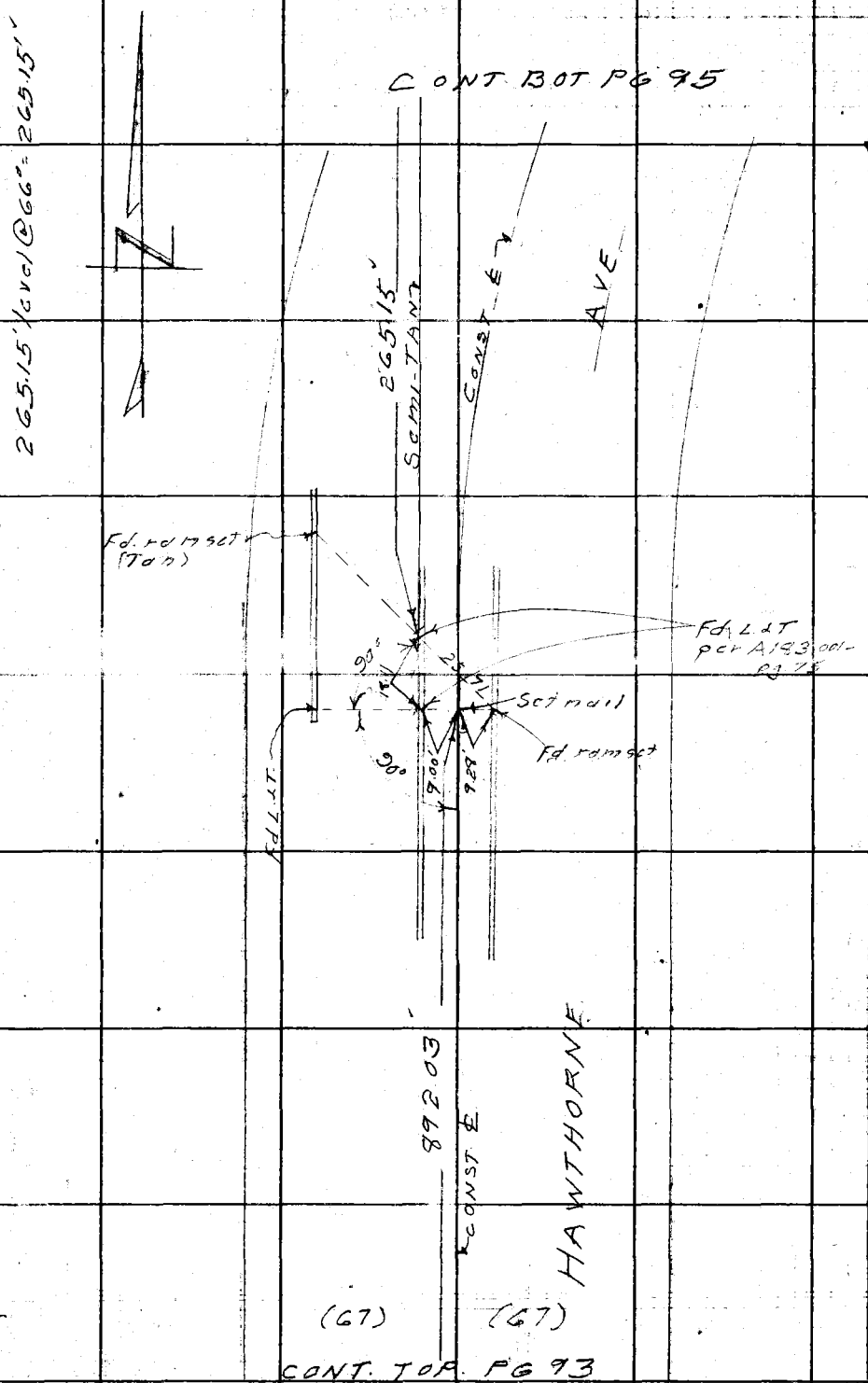
700 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S S&E #247 1-56

F. B. 1614 PG. 94



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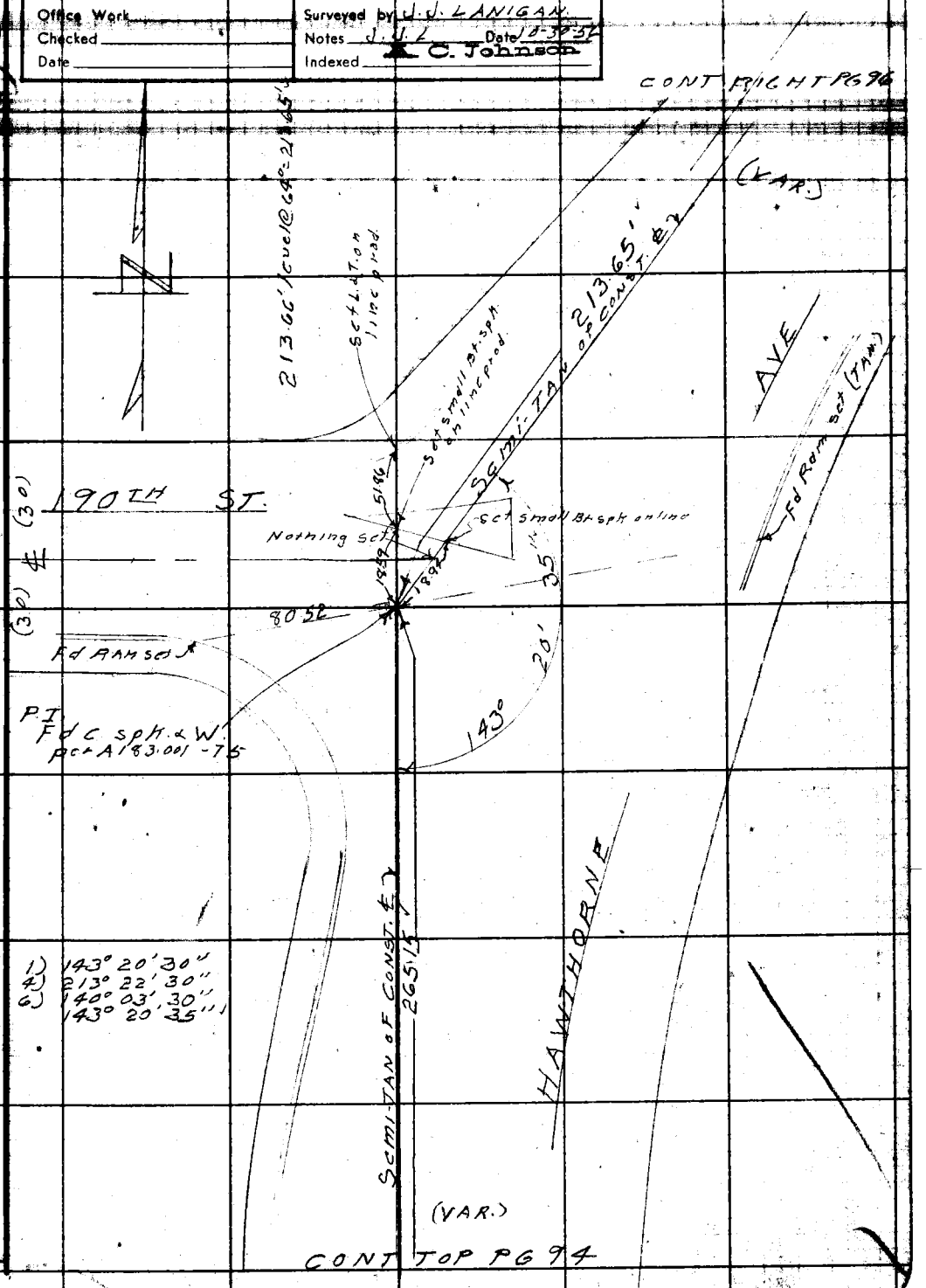
N S 25 C4

Notes Ch'd by Gall	Survey of HAWTHORNE AVE 1614 95
Map No.	JN 0303.00 Tape 0170 Std 68 °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 10-30-56
Date	Indexed C. Johnson



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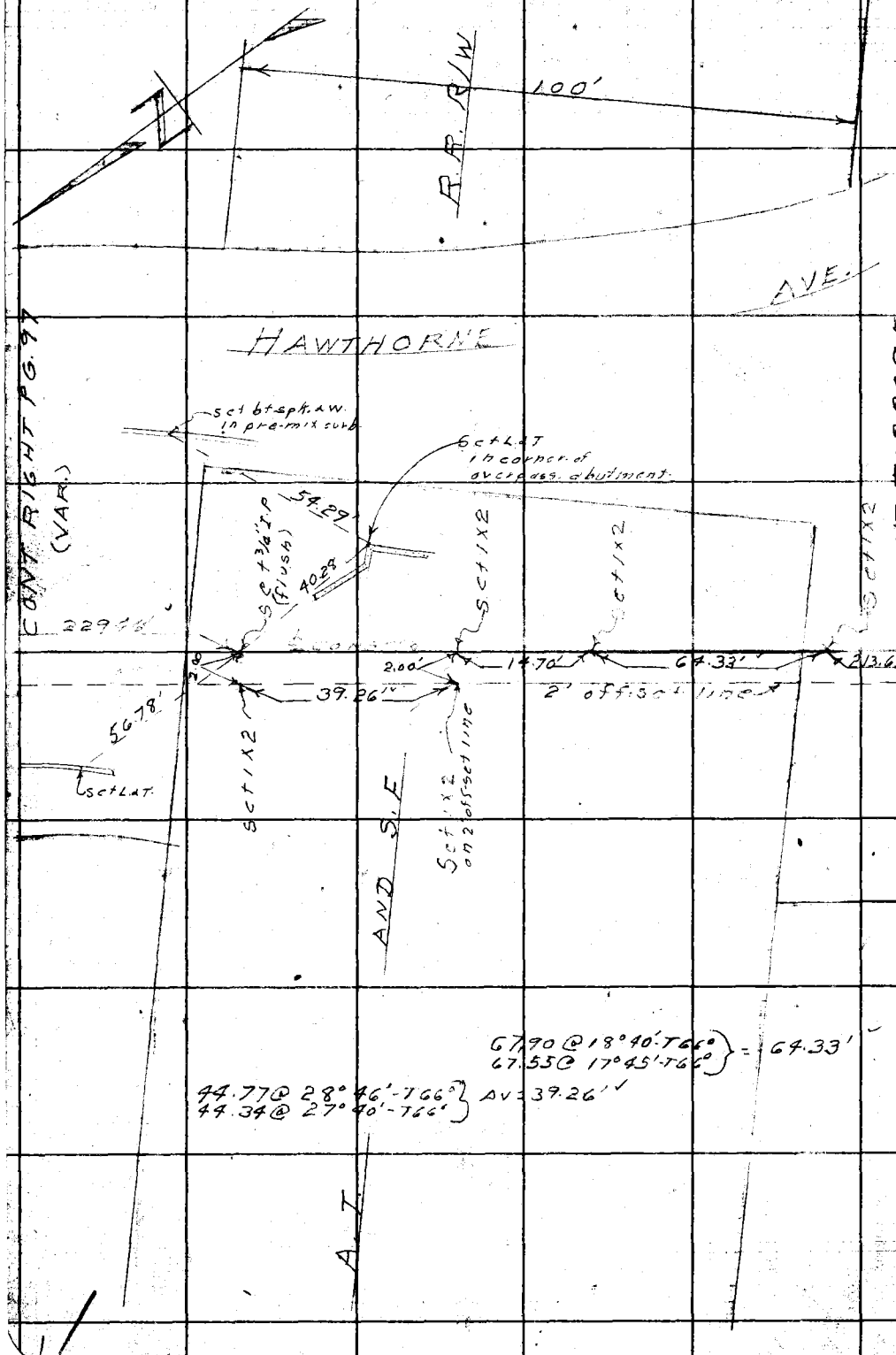
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 S&E #247 1-56

F. B. 1614 PG. 96



WS. 25, C-4

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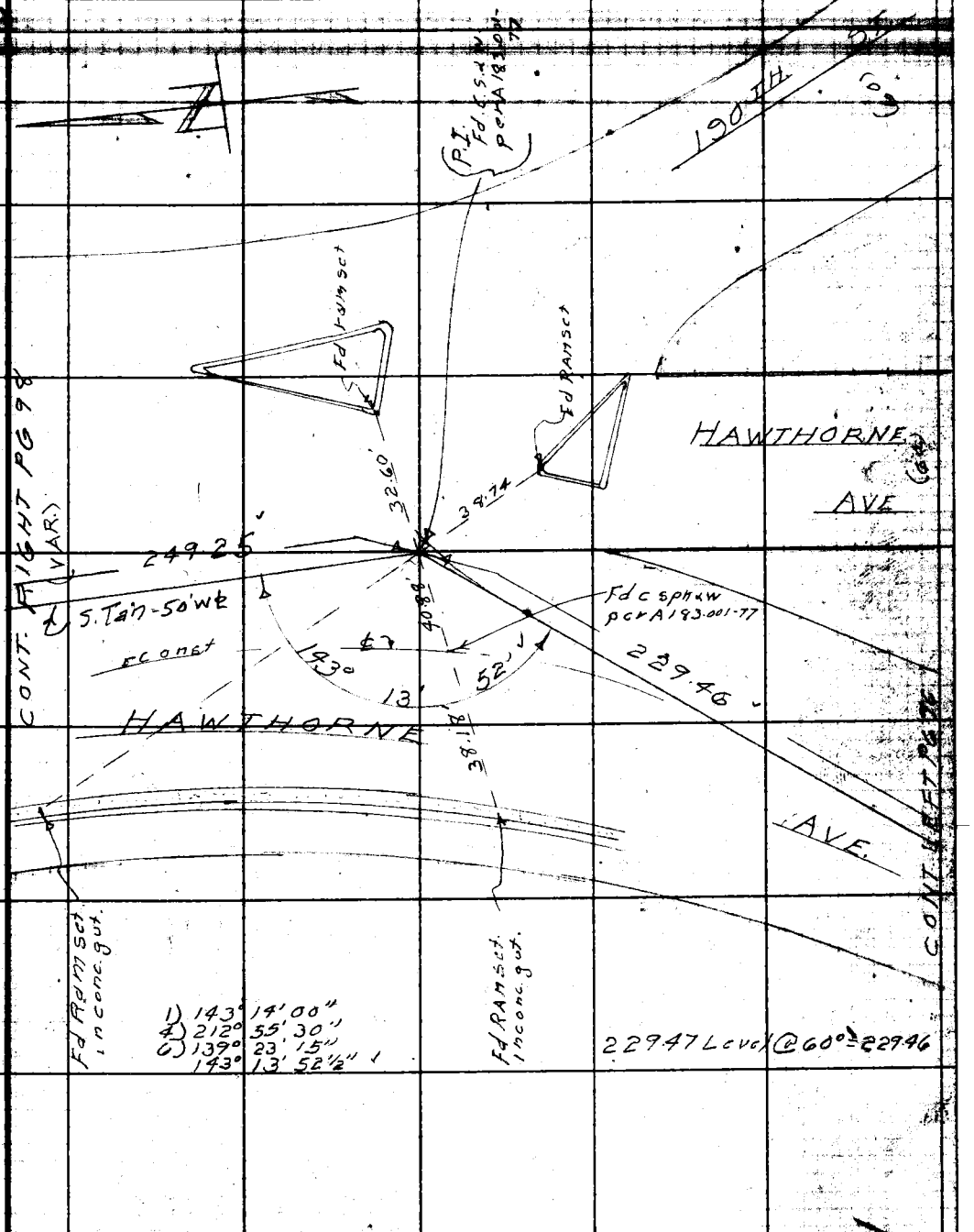
Notes Ch'd by [illegible]	Survey of HAWTHORNE AVE 1614 97
Map No.	JN 0303.00 Tape 0170 Std 68 °F
Office Work	Surveyed by J. J. LANIGAN
Checked	Notes J. J. L. Date 10-31-56
Date	Indexed A. C. Johnson



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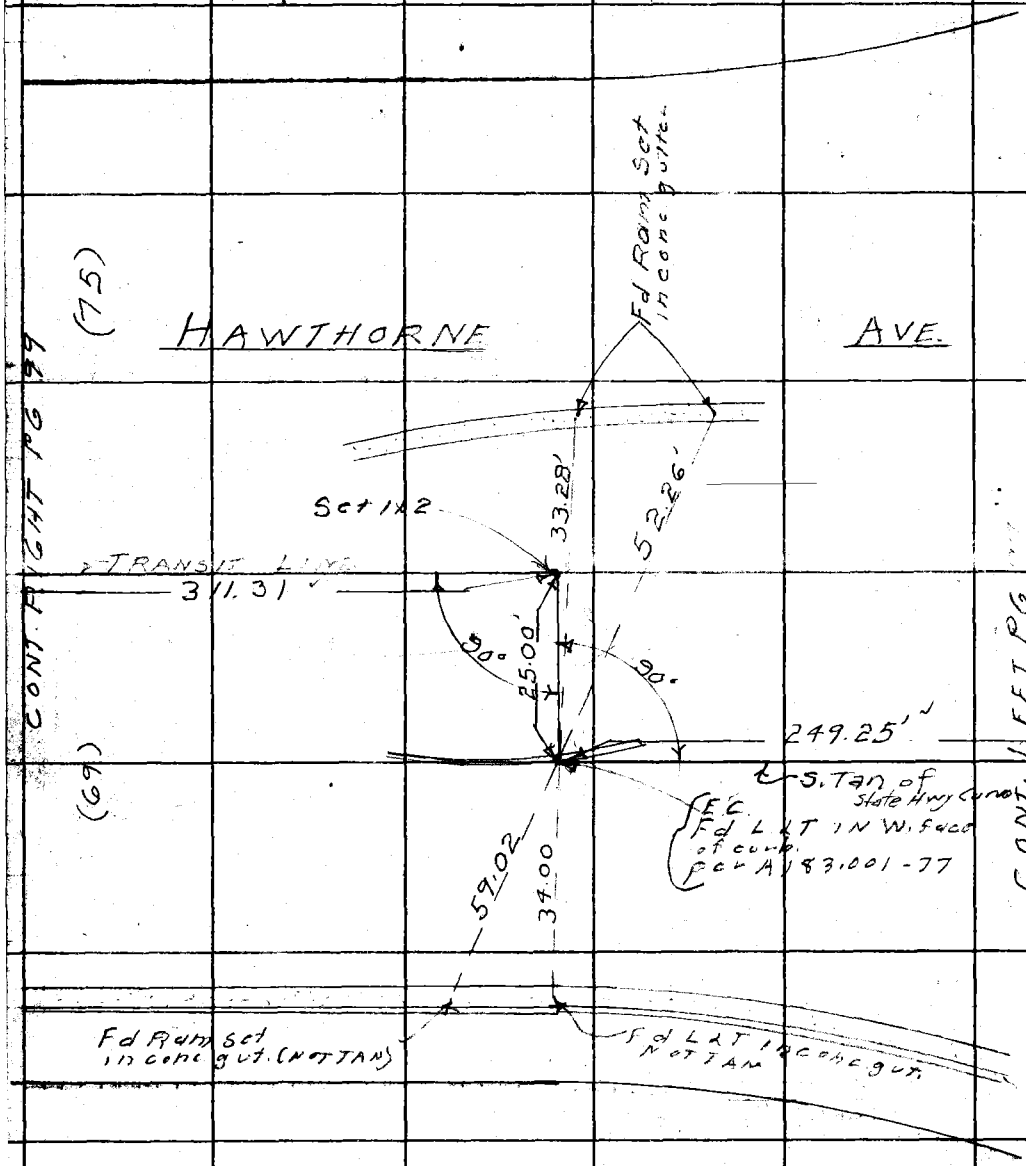
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 S&E #247 1-56

F. B. 1614 PG. 98



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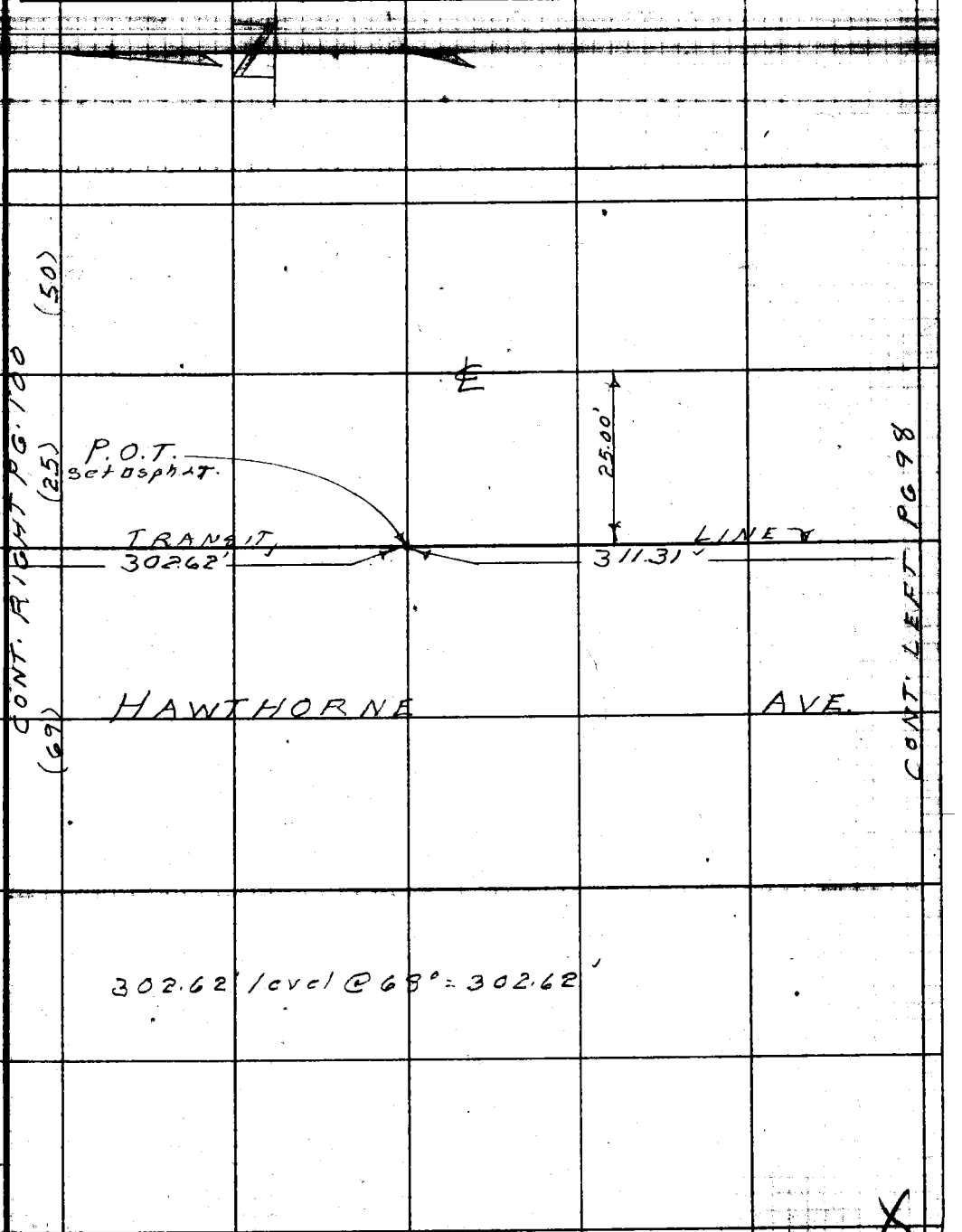
Notes Ckd by Gall	Survey of HAWTHORNE AVE. F. B. 1614 Pg. 99
Map No.	JN 0303.10 Tape 0170 Std 68 °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 10-31-56
Date	Indexed A. C. Johnson



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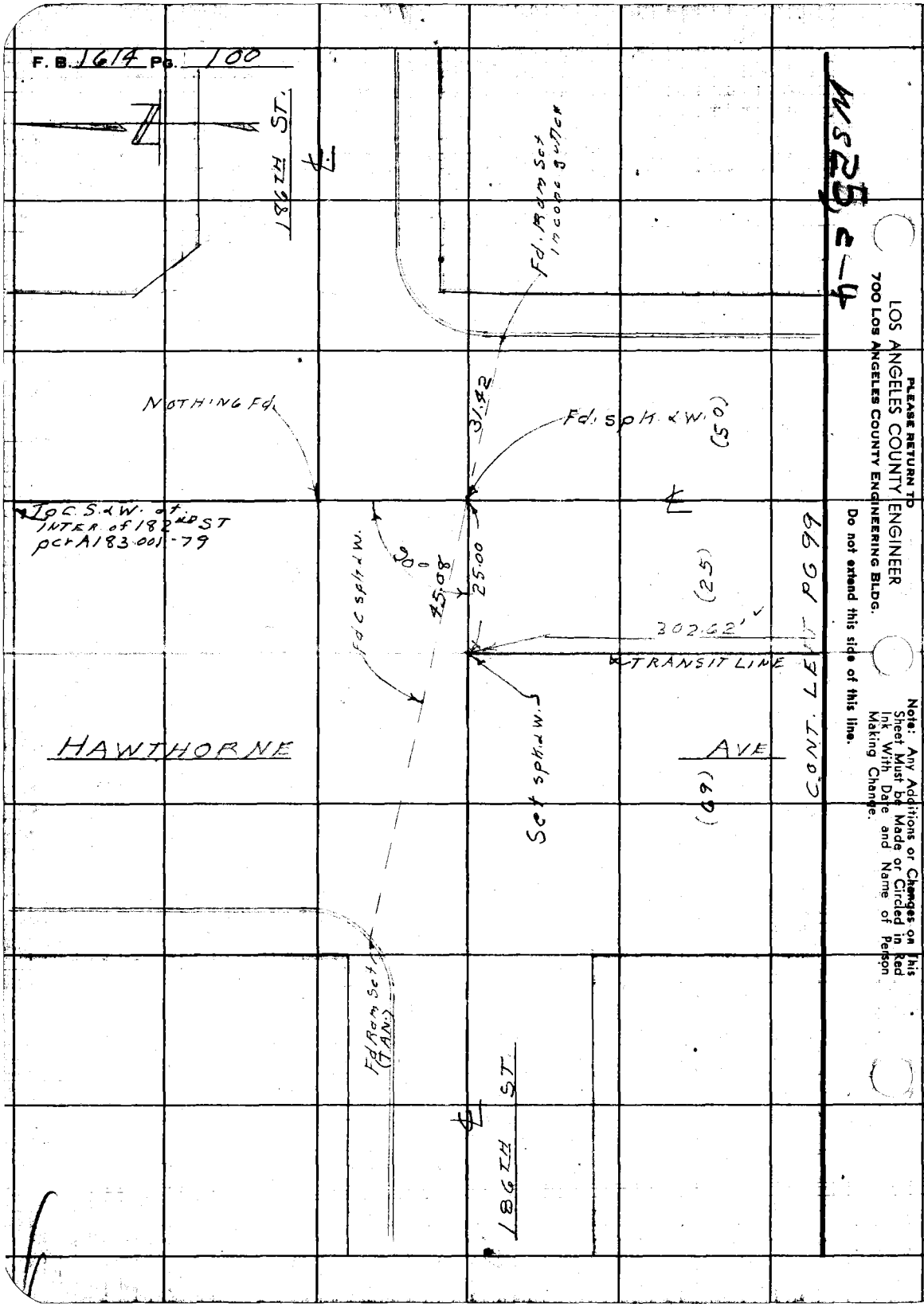
76F309S S&E #247 1-56


F. B. 1614 Pg. 100
186TH ST.
Fd. Ram Set in conc gutter
NOTHING Fd.
31.42
Fd. spk. & W.
(50)
Top C.S. & W. at INTER. of 182nd ST per A183.001-79
90°
45.08
25.00
(25)
302.62'
TRANSIT LINE
Fd C spk & W.
Set spk & W.
HAWTHORNE
AVE
(69)
CONT. LEFT PG 99
Fd Ram Set (TAN.)
186TH ST.
WS 25, c-4
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of HAWTHORNE AVE. P.B. 161A Pg. 101
Map No.	JN 1932.14 Tape Std °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 11-1-56
Date	Indexed C. Johnson 11-15-56

C.I. 1932.14

HAWTHORNE AVE

HAWTHORNE AVE.
FROM
TALISMAN ST TO 186TH ST.

LOCATION OF IMPROVEMENTS

NOTE - OFFSETS TO POLES TAKEN TO CENTER

LANIGAN
RITE
YASUI
McNARY

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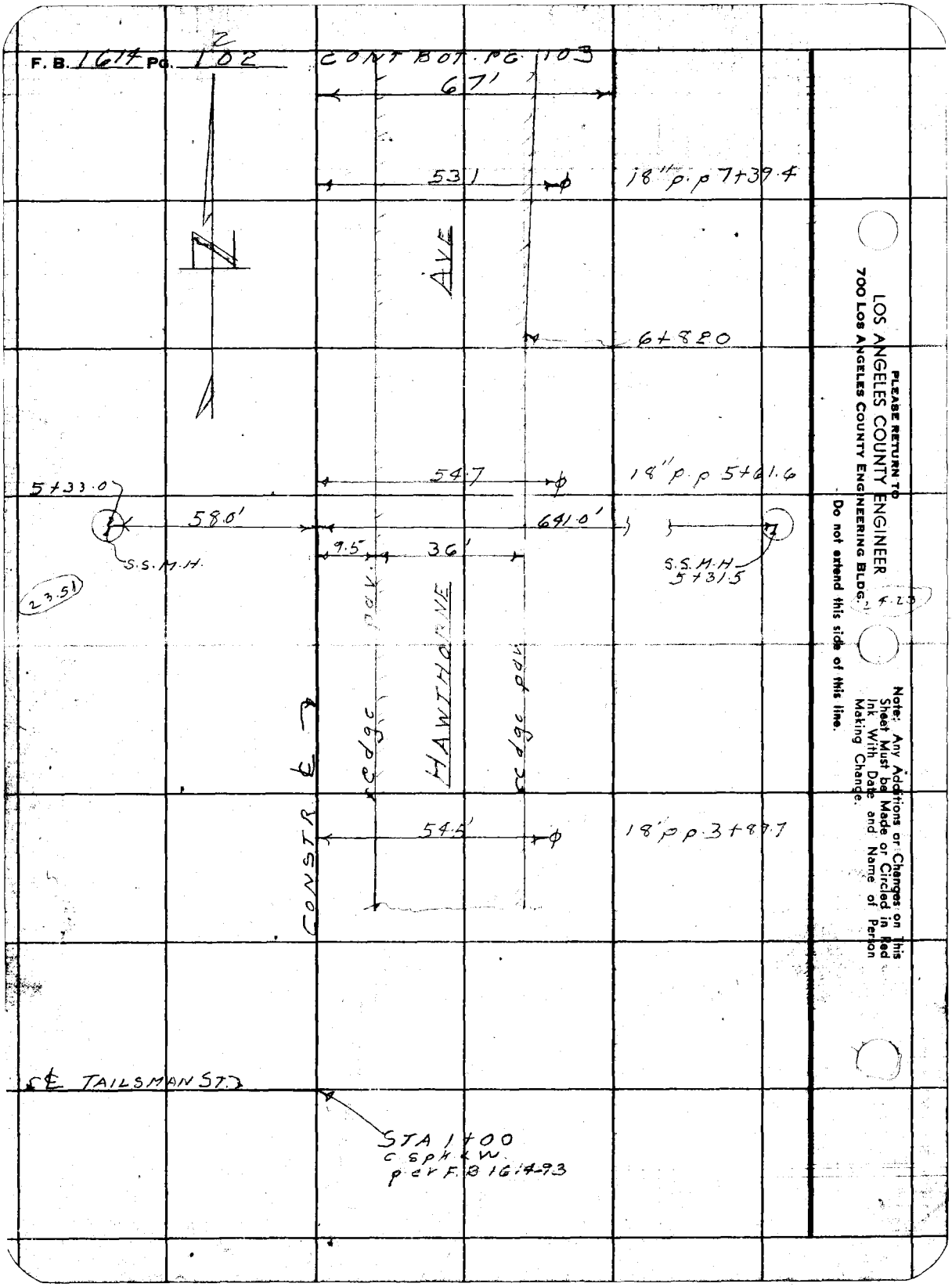
76F3098 SBE #247 1-56

F. B. 1614 PG. 102



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700 Los Angeles County Engineering Bldg.

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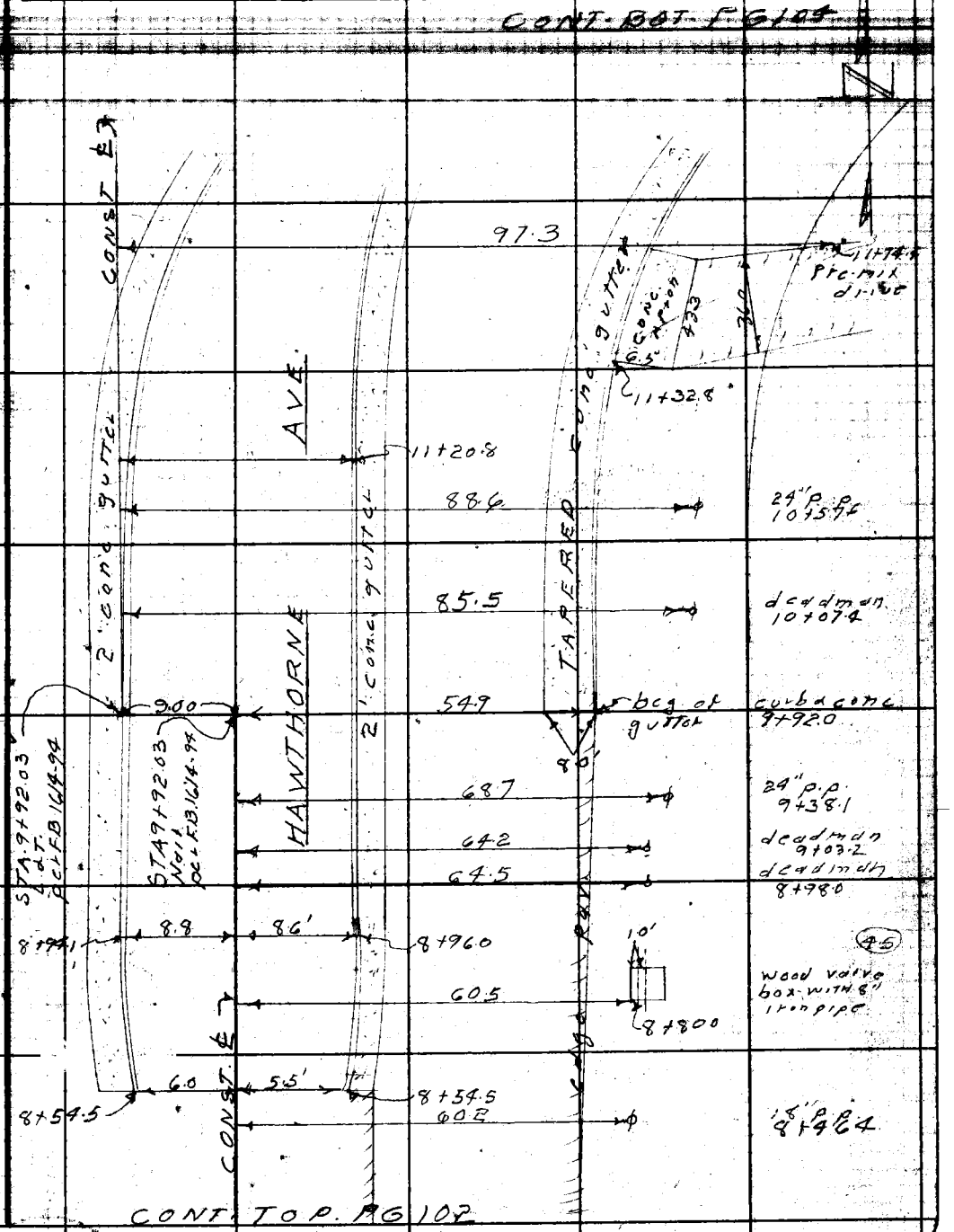
4.23

Map No.	Survey of HAWTHORNE AVE
Office Work	JN 1932.14 Tape Std °F
Checked	Surveyed by J. J. LANIGAN
Date	Notes J. J. L Date 11-1-56
	Indexed K. C. Johnson



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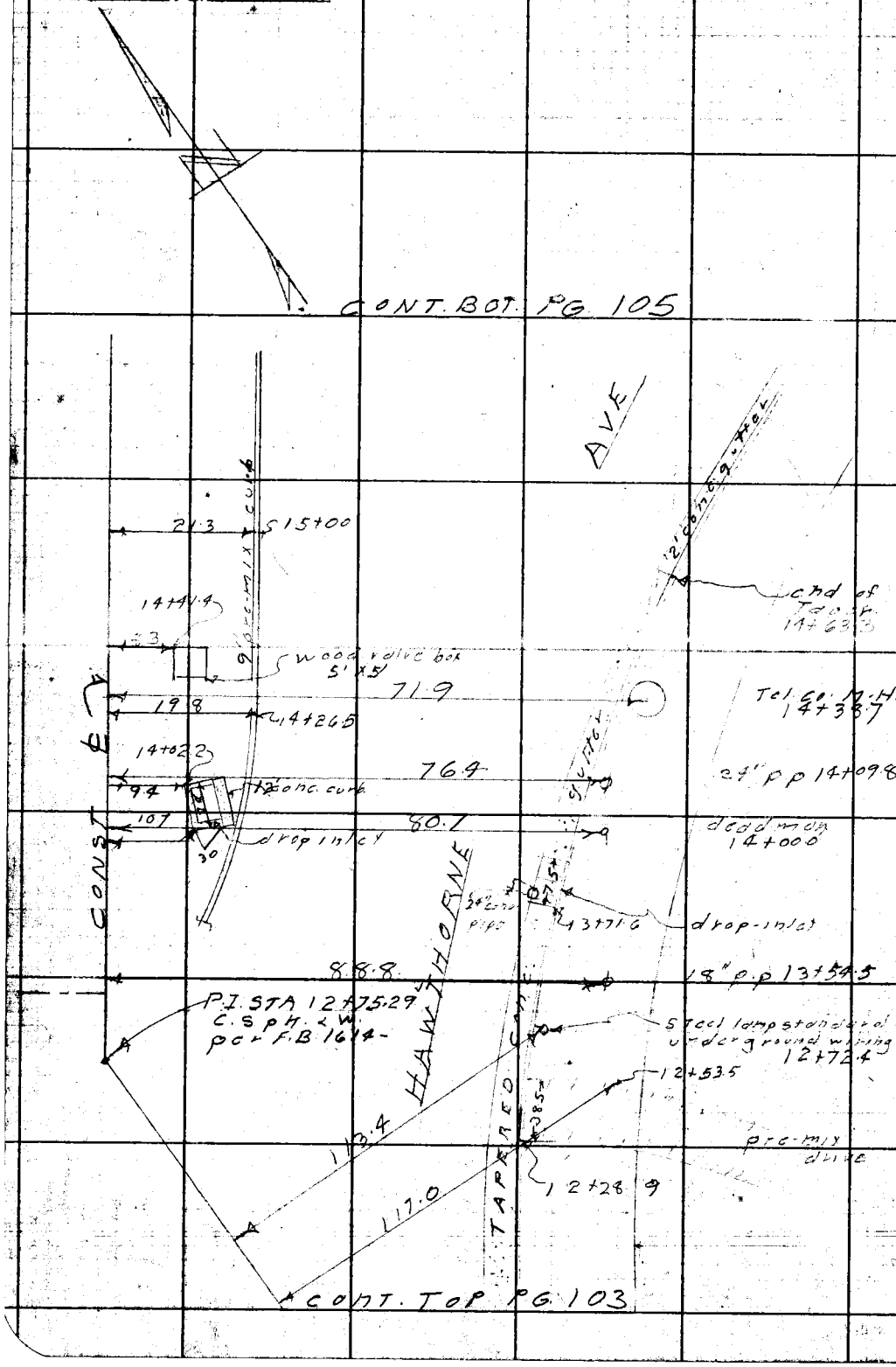
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

F.B. 1614 PG. 104



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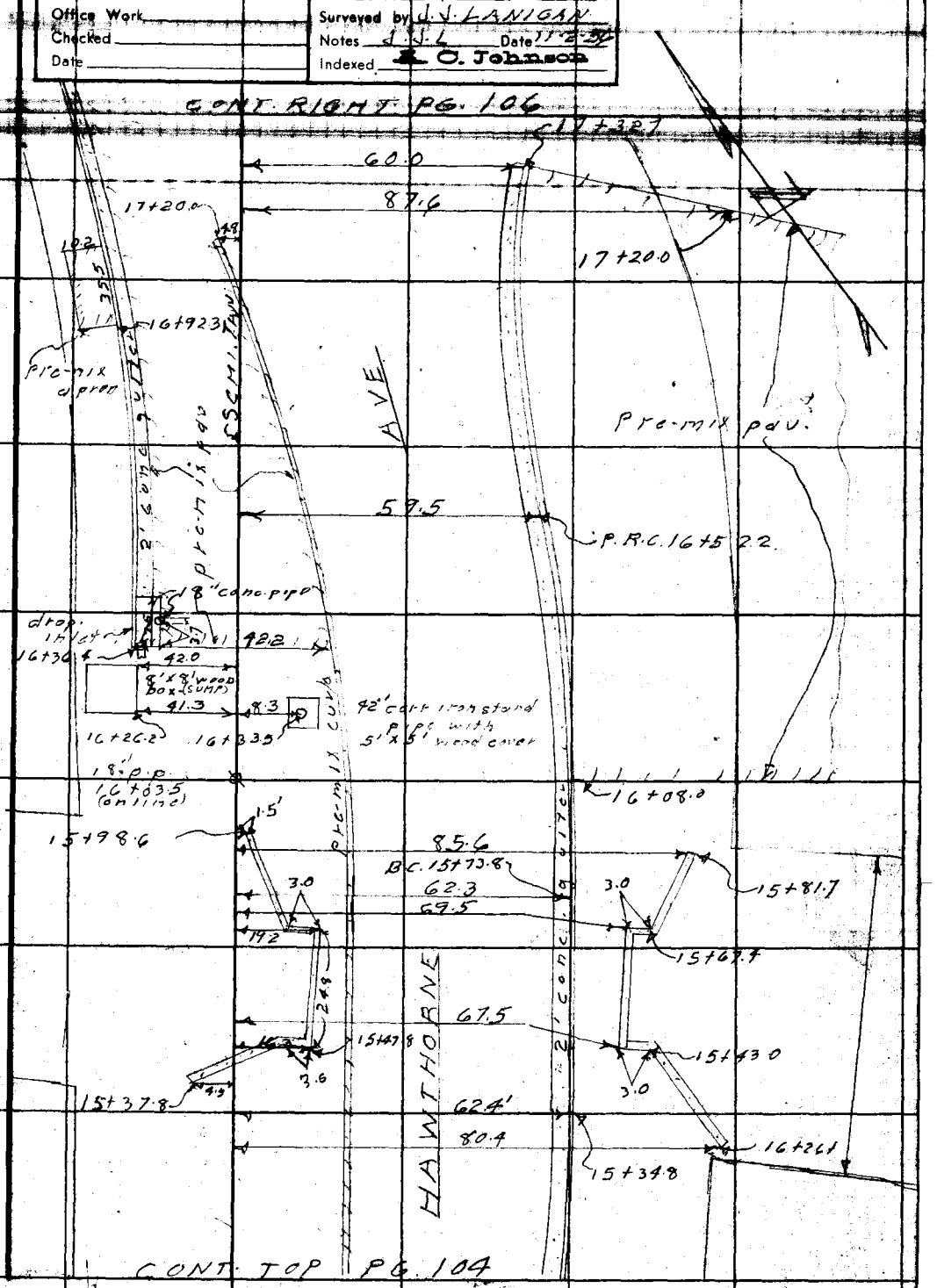
31

117

Notes Ck'd by	Survey of HAWTHORNE AVE.
Map No.	JN 1932.14 Tape Std °F
Office Work	Surveyed by J. J. LANIGAN
Checked	Notes J. J. L. Date 11-2-34
Date	Indexed C. Johnson



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76F3093 B&E #247 1-56

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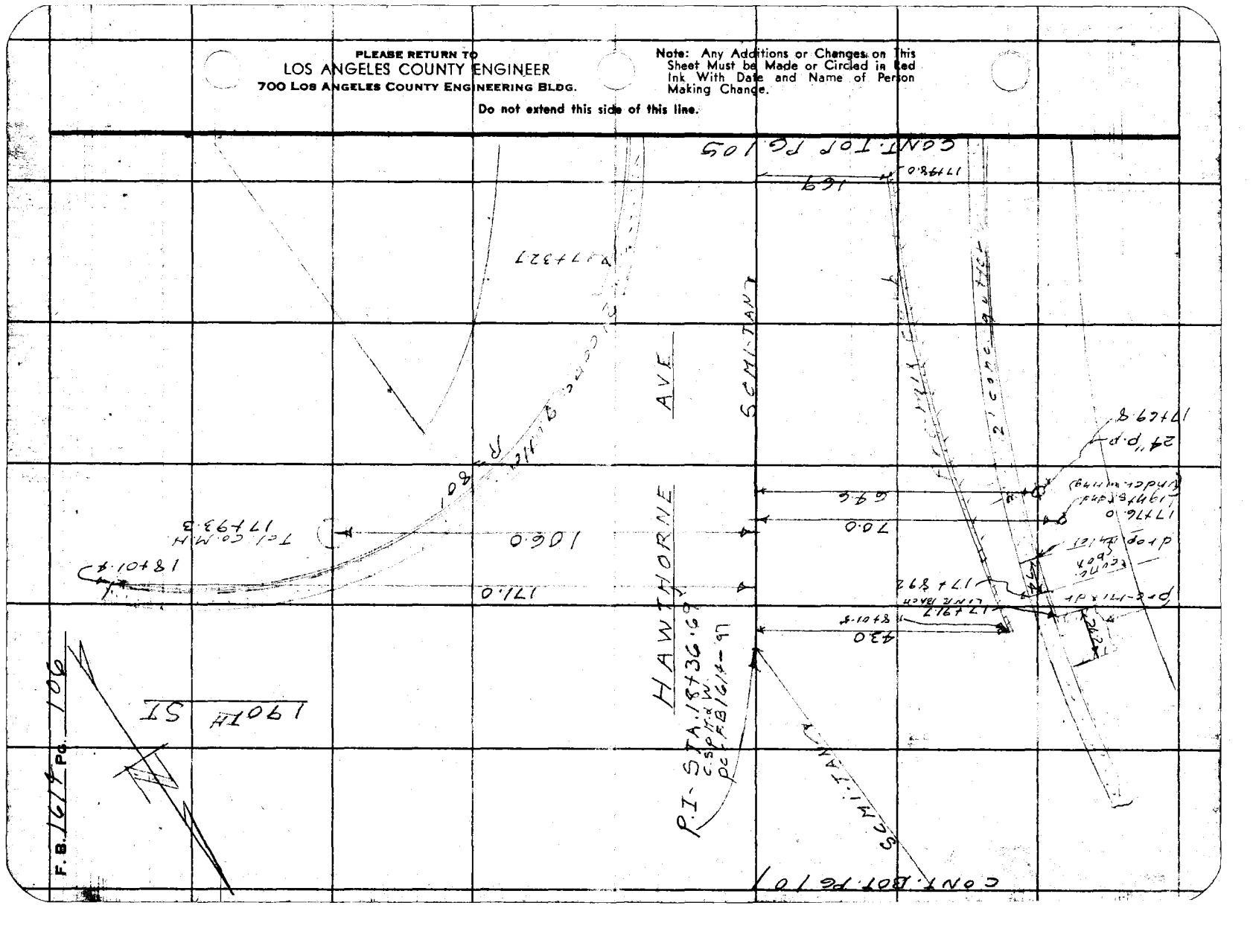
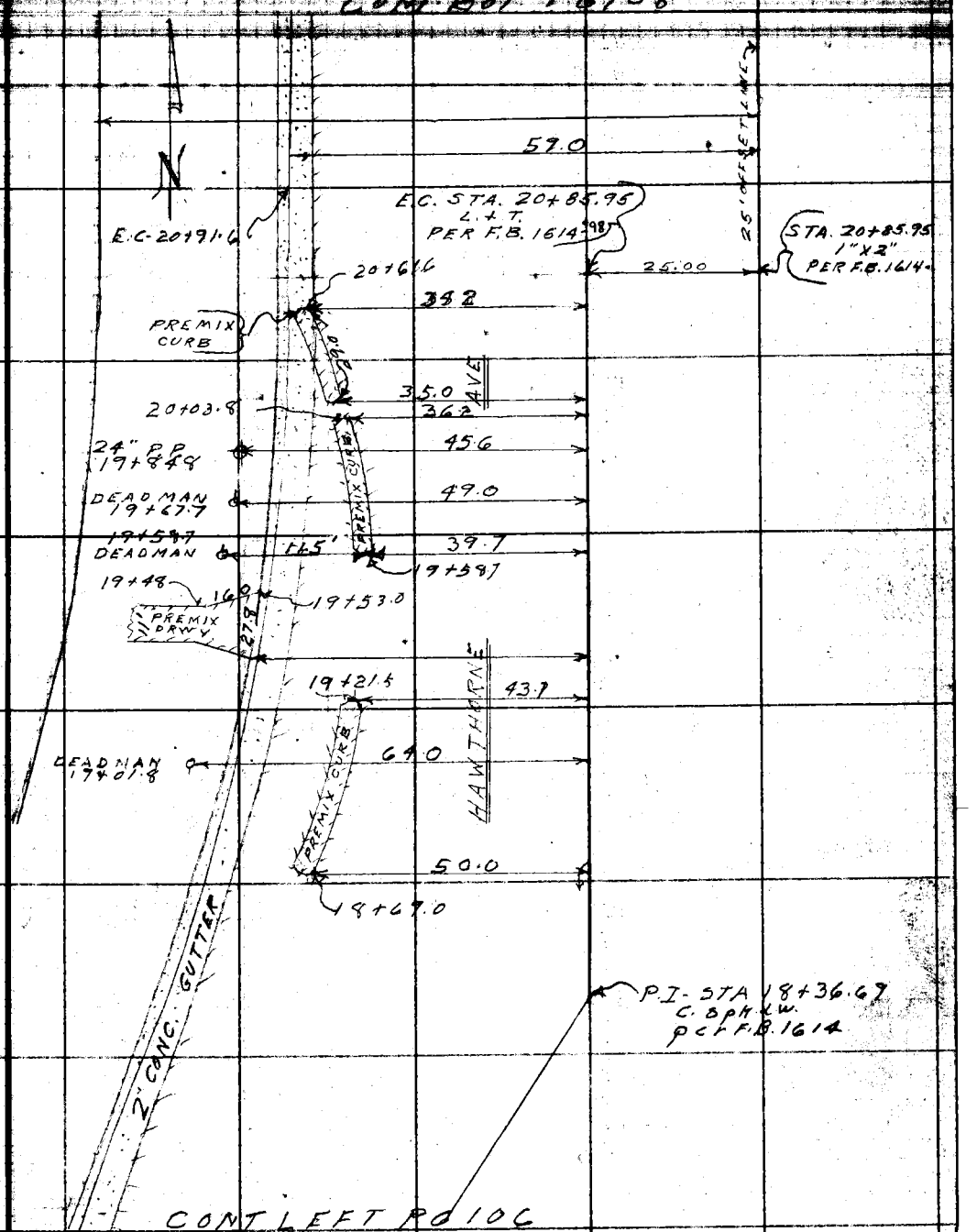


Notes Ckd by	Survey of HAWTHORNE AVE. F.B. 1614 pg. 107
Map No.	JN Tape Std °F
Office Work	Surveyed by LANIGAN
Checked	Notes RIKE Date 11-1-56
Date	Indexed E. C. Johnson



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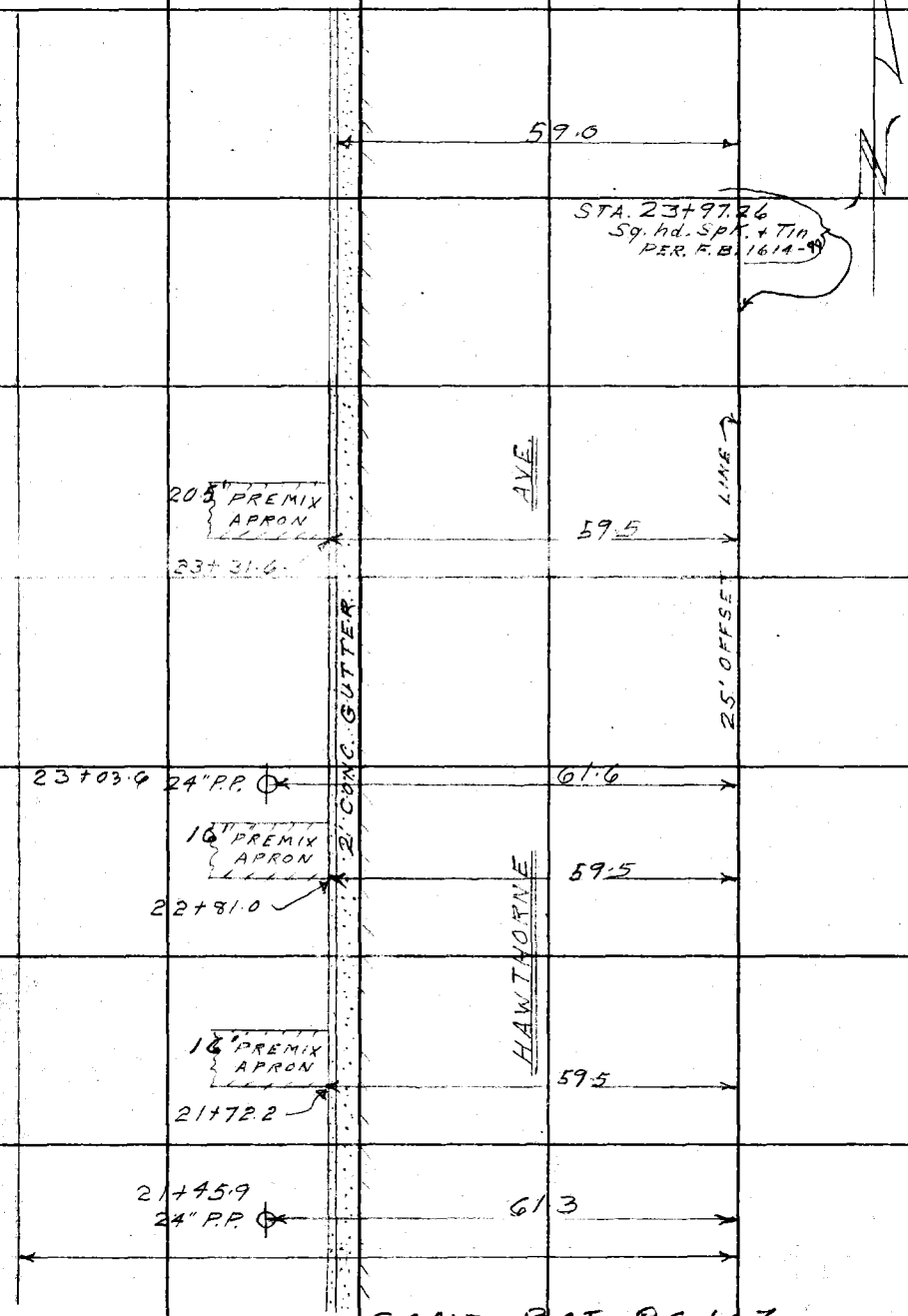
76F3098 S&E #247 1-56

F. B. 1614 PG. 108



CONT. BOT. PG 107

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Profile No.	Notes Red. / Date	Plotted / Date	Job No. 1932.14	Division No. 10	F. B. 1614 Pg. 109
			Survey of HAWTHORNE AVE.		
X-Sec. No.	Notes Chkd. / Date	Checked / Date	Survey by LANIGAN	Notes RIKE	Date 11-5-56
			Map No.	R. Johnson	Date 11-16-56

C.I. 1932.14
HAWTHORNE AVE.

HAWTHORNE AVE.
FROM
TAILSMAN ST. TO 186th ST.

PROFILE AND CROSS SECTION

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

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

76L298 S & E #307 9-54

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE	AVE.
B.M.-A				92 63	EN. = 92.630 (UNADJ.) B.M.-A (W. SERVICE RD.) P.K. SPK. IN LEAD IN CURB, 17' ± S. OF ℄ OF CADISON ST.	HAWTHORNE AVE. (E. SIDE) AT CADISON ST.
					LT.	℄ RT.
1+00	INTER. ℄ TAILSMAN ST.			92 73		INTER. ℄ TAILSMAN ST.
" "				91 89		46' EDGE PVT.
" "				9[illegible]3		67' P/L
2+00				916		℄
" "				91 94		46' EDGE PVT.
" "				927		67' P/L
3+00				9[illegible]2		℄
" "				93 05		9.5' W. EDGE PVT.
" "				92 18		46' E. " "
" "				919		53.5' BOT. BRK.
" "				9[illegible]5		55' TOP "
" "				9[illegible]9		67' P/L
4+00				921		℄
" "				9[illegible]19		9.5' W. EDGE PVT.
" "				92 29		46' E. " "
" "				920		53.5' BOT. BRK.
" "				9[illegible]9		55' TOP BRK.
				9[illegible]9		67' P/L

F. B. 1614 Pg. 110 Job No. 1932.14 Division No. 10 Notes Red. Plotted Profile
Survey of HAWTHORNE AVE. Date Date No.
Survey by LANIGAN Notes RIKE Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE LT.	AVE. (CONT.) RT.
						℄
5+00				925		℄
" "				9337		9.5' W. EDGE PVT.
" "				9241		46' E. " "
" "				920		53.5' BOT. BRK.
" "				929		55' TOP BRK.
" "				928		67' P/L
T. P.				9241	T.P.	
						641' S.S.M.H. E. RIM 91.90 DEPTH AT BOT. OF CHANNEL 24.23 ELV.= 67.67
5+31.5				6767		
					58' S.S.M.H. E. RIM 92.23 DEPTH AT BOT. OF CHANNEL 23.51 ELV.= 68.72	
5+33.0				6872		
6+00				925		℄
" "				9343		9.5' W. EDGE PVT.
" "				9255		46' E. " "
" "				922		53.5' BOT. BRK.
" "				930		55' TOP "
" "				929		67' P/L
7+00				925		℄
" "				9358		9.5' W. EDGE PVT.
" "				9263		46' E. " "

Profile Notes Red. ____ Plotted ____ Job No. 1932.14 Division No. 1A F. B. 1614 Pg. 111
No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE.
X-Sec. Notes Chkd. ____ Checked ____ Survey by LANIGAN Notes RIKE Date 11-5-56
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE AVE. (CONT.) LT.	RT.
						℄
7+00				922		53.5' BOT. BRK.
" "				929		55' TOP "
" "				927		67' P/L
7+38				928		67' P/L
" "				925		70' TOP BRK.
" "				928		75' BOT. "
" "				920		167' "
8+00				926		℄
" "				9352		9.5' W. EDGE PVT.
" "				9246		51' E. " "
" "				922		53.5' BOT. BRK.
" "				[illegible]		55' TOP "
" "				[illegible]		67' P/L
8+54.5				9345		℄
" "				9383		5.5' TOP CURB
" "				9330		" GUTTER
8+80				8792		61.5' TOP 8" IRON PIPE.
9+00				9316		℄
" "				9337		8.5' TOP CURB
" "				9284		8.5' GUTTER

F. B. 1614 PG. 112 Job No. 1732.14 Division No. 10 Notes Red. Plotted Profile
Survey of HAWTHORNE AVE. Date Date No.
Survey by LANIGAN Notes RIKE Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE	AVE. (CONT.)
					LT ℄	RT.
9+00				91 69		53' EDGE PVT
" "				[illegible]		56' BOT. BRK
" "				923		60' TOP "
" "				932		67' P/L
T. P.				9353	T.P.	
NOTES FROM HERE FOLLOWING STATIONS ON CURB LINE						
9+92.03				9099		CURB LINE BEGIN. E. CURB
" "				9029		" GUTTER
"				911		5' ℄ PROPOSED S.S.
"				915		13'
" "				9179	10'	
10+13.5				9063		B.C. CURB
" "				8995		GUTTER
10+50				8987		CURB
" "				8919		GUTTER
" "				900		5' ℄ PRO. S.S.
11+00				8881		CURB
" "				8809		GUTTER
" "				890		5' ℄ PRO. S.S.
" "				894		14.5 BOT. BRK.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 930.14 Division No. 10 F. B. 1614 Pg. 113
Date ____ Date ____ Survey of HAWTHORNE AVE.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LANIGAN Notes RIKE Date 11-13-36
Date ____ Date ____ Map No. ____ Date ____ Indexed J. C. Johnson

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	S. S.	H. I.	F. S.	ELEV.	HAWTHORNE AVE. (CONT.) LT	CURB LINE	RT.
11+00				914			19' TOP BRK.
" "				8843	10'		
11+33.5				[illegible]18			CURB
" "				[illegible]48			GUTTER
" "				8[illegible]3			[illegible] ℄ PRO. S.S.
12+00				8686			CURB
" "				8619			GUTTER
" "				8[illegible]7			5' ℄ PRO. S.S.
" "				8[illegible]6			17'
" "				8[illegible]57	10'		
12+31.5				8629			CURB
" "				8561			GUTTER
" "				863			5' ℄ PRO. S.S.
13+06				8556			CURB
" "				8497			GUTTER
" "				856			5' ℄ PRO. S.S.
" "				861			17'
" "				8517	10'		
13+13				819	2.2' F.L. 24" CONC. PIPE (IN DROP INLET)		

F. B. 1614 PG. 114 Job No. 1932.14 Division No. 10 Notes Red. Plotted Profile
Survey of HAWTHORNE AVE. Date Date No. X-Sec.
Survey by LANIGAN RIKE Notes Chkd. Checked
Indexed E. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE AVE (CONT.) LT.	CURB LINE RT.
T. P.				85 98	T. P.	
13+50				85 68		CURB
" "				85 00		GUTTER
" "				85 7		5' ℄ PRO. S.S.
14+00				86 04		CURB
" "				85 38		GUTTER
" "				86 1		5' ℄ PRO. S.S.
" "				86 2		17'
" "				85 65	10'	
14+50				86 62		CURB
				85 96		GUTTER
				86 6		5' ℄ PRO. S.S.
15+00				87 17		CURB
" "				86 54		GUTTER
" "				87 4		5' ℄ PRO. S.S.
" "				86 77	10'	
15+46				87 77		CURB
" "				87 09		GUTTER
" "				87 5		5' ℄ PRO. S.S.

Profile Notes Red. ____ Plotted ____ Job No. 13 Division No. 10 F. B. 1614 Pg. 115
No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE.
X-Sec. Notes Chkd. ____ Checked ____ Survey by LAVIGAN Notes RIKE Date 11-13-56
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 S & E #307 9-54

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F. B. 1614 Pg. 115 Job No. 1932.14 Division No. 10 Notes Red. Plotted Profile No.
Survey of HAWTHORNE AVE Date Date X-Sec. No.
Survey by LANIGAN RIKE Notes Chkd. Checked
Indexed L. C. Johnson Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE AVE. (CONT) LT.	RT.
					CURB LINE	
15+70				87.64		5' ℄ PRO. M.H.
" "				88.09		17'
" "				87.57	10'	
16+00				87.53		CURB
" "				87.67		GUTTER
				87.58		5' ℄ PRO S.S.
" "				88.55		17'
" "				87.94	10'	
T. P.				88.61	T.P.	
16+36.4				87.22	BEGIN. W. CURB	
" "				88.55	" " GUTTER	
" "				86.96		28'
" "				87.50		57'
" "				87.2	5'	
" "				87.9	13' BOT. BRK.	
" "				88.7	16' TOP " .	
16+40.1				83.9		(IN DROP INLET) 2' 18" CONC. PIPE
16+50				87.27	CURB	
" "				88.63	GUTTER	
16+58				87.31	5' ℄ PRO. M.H.	

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE LT.	AVE. (CONT.) RT.
					CURB LINE	
16+92.5				87 55	CURB	
" "				86 86	GUTTER	
" "				87 85		48'
" "				87 5	5' ℄ PRO. S.S.	
" "				88 0	14' BOT. BRK.	
" "				89 6	25' TOP "	
17 ± 50				87 84	CURB	
" "				87 18	GUTTER	
" "				88 2	5' ℄ PRO. S.S.	
17+94				88 13	CURB	
" "				87 50	GUTTER	
" "				88 47		26'
" "				88 3	5' ℄ PRO. S.S.	
" "				88 9	12.5' BOT. BRK.	
" "				90 0	15' TOP "	
18+50				88 64	CURB	
" "				87 99	GUTTER	
" "				88 8	5' ℄ PRO. S.S.	
19 ± 11				89 16	CURB	
" "				88 49	GUTTER	

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 1614 PG. 117
No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE.
X-Sec. Notes Chkd. ____ Checked ____ Survey by LANIGAN Notes RIKE Date 11-13-56
No. ____ Date ____ Date ____ Map No. ____ Indexed E. C. Johnson Date ____

F. B. 1614 Pg. 118

Job No. 1932.14 Division No. 10 Notes Red. Plotted Profile

Survey of HAWTHORNE AVE. Date Date No.

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

Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE AVE. (CONT.) LT. CURB LINE	RT.
19+11				8890		10'
" "				[illegible]13	5' ℄ PRO. S.S.	
" "				[illegible]8	9' BOT. BRK.	
" "				916	15' TOP BRK.	
T. P.				8967	T.P.	
19+50				[illegible]	CURB	
" "				8892	GUTTER	
" "				[illegible]8	5' ℄ PRO. S.S.	
20+00				9[illegible]29	CURB	
" "				8963	GUTTER	
" "				9[illegible]00		10'
" "				9[illegible]3	5' ℄ PRO. S.S.	
" "				912	15'	
20+50				9124	CURB	
" "				9057	GUTTER	
" "				911	5' ℄ PRO. S.S.	
21+00				9225	CURB	
" "				9177	GUTTER	
" "				9221		10'
" "				926	5' ℄ PRO. S.S.	

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.	HAWTHORNE AVE. (CONT.) LT.	CURB LINE	RT.
21+00				928	15'		
22+00				9523	CURB		
" "				9458	GUTTER		
" "				9491			10'
" "				952	5' ℄ PRO. S.S.		
" "				959	15'		
T. P.				9821	T.P.		
22 +90				9755	CURB		
" "				9690	GUTTER		
" "				9724			10'
" "				979	5' ℄ PRO. S.S.		
" "				983	15'		
23+20				983	5' ℄ PRO. END M.H.		
23+49				9857	CURB		
" "				9791	GUTTER		
" "				9827			10'
" "				988	5'		
" "				991	15'		
" "				997	100'		

Profile Notes Red. ____ Plotted ____ Job No. 1932.14 Division No. 10 F. B. 1614 Pg. 119
No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE.
X-Sec. Notes Chkd. ____ Checked ____ Survey by LANIGAN Notes RIKE Date 11-13-56
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.	HAWTHORNE AVE. (CONT.)	
					LT. CURB LINE	RT.
B.M.-C				98.67	ELV. = 98.669 (UNADJ.) F.B. 1614-86 B.M.-C HAWTHORNE AVE. (W. SIDE) 297'± S. OF ℄ 186th ST., BT. SPK. IN CURB, 10' N. OF S. P/L OF SCHOOL.	

F. B. 1614 Pg. 120 Job No. 1932.14 Division No. 10 Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE. Date Date X-Sec.
Survey by LANIGAN Notes RIKE Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date No.

Notes Ck'd by	Survey of 168th St
Map No.	JN 0303.00 Tape 0172 Std 68 °F
Office Work	Surveyed by J L Willey
Checked	Notes JLW Date 6/13/57
Date	Indexed A. C. Johnson 6-21-57

F. B. 1614 Pg. 125

JN 0303.00
C.I. 1991.14
168th ST.

℄ SURVEY

Figueroa ST to Broadway.

6/13/57
Willey, J.L.
Maldonado
Nunez
Beld.

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76F309S S&E #247 1-56

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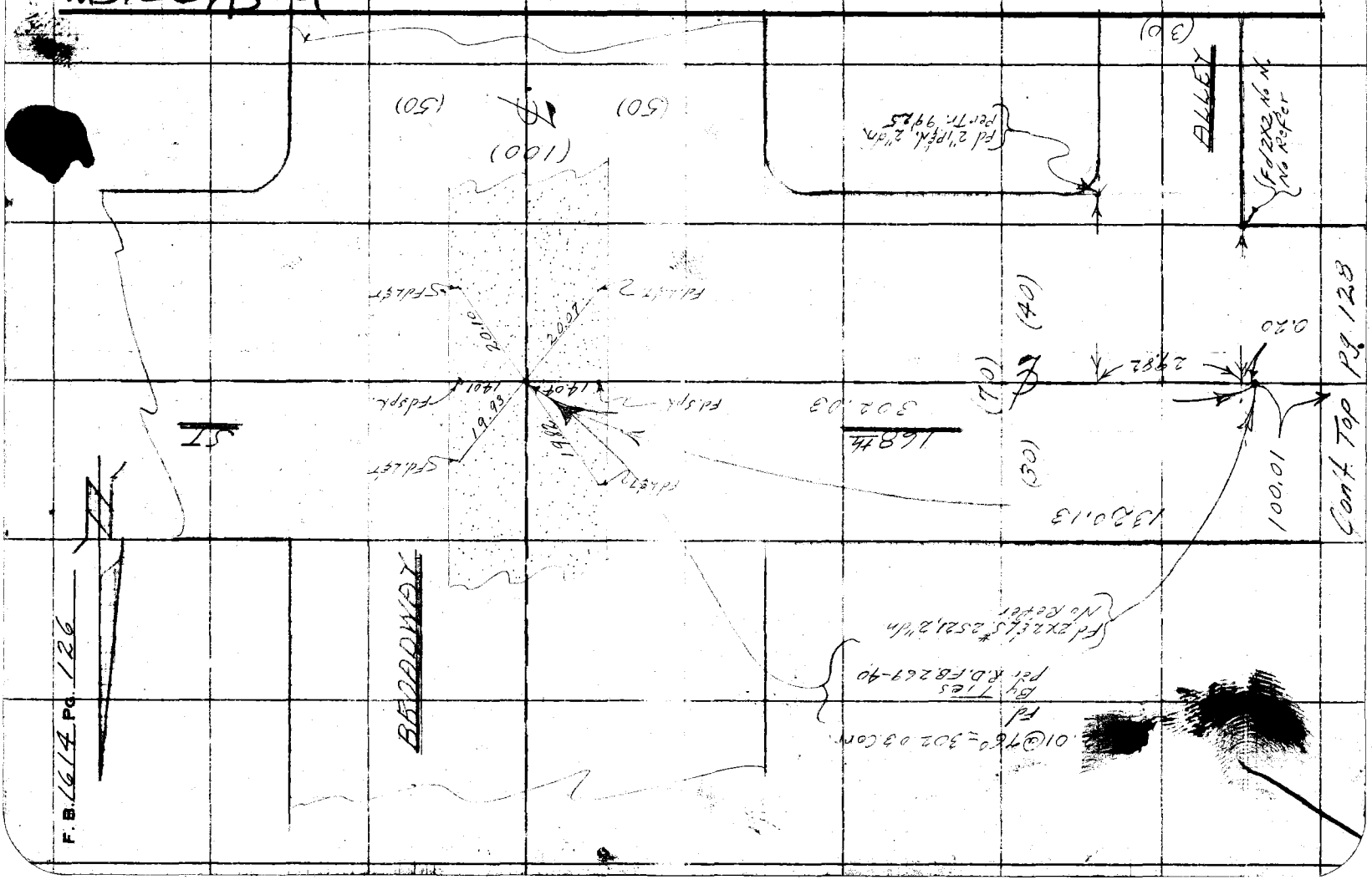
W.S. 26, B-4

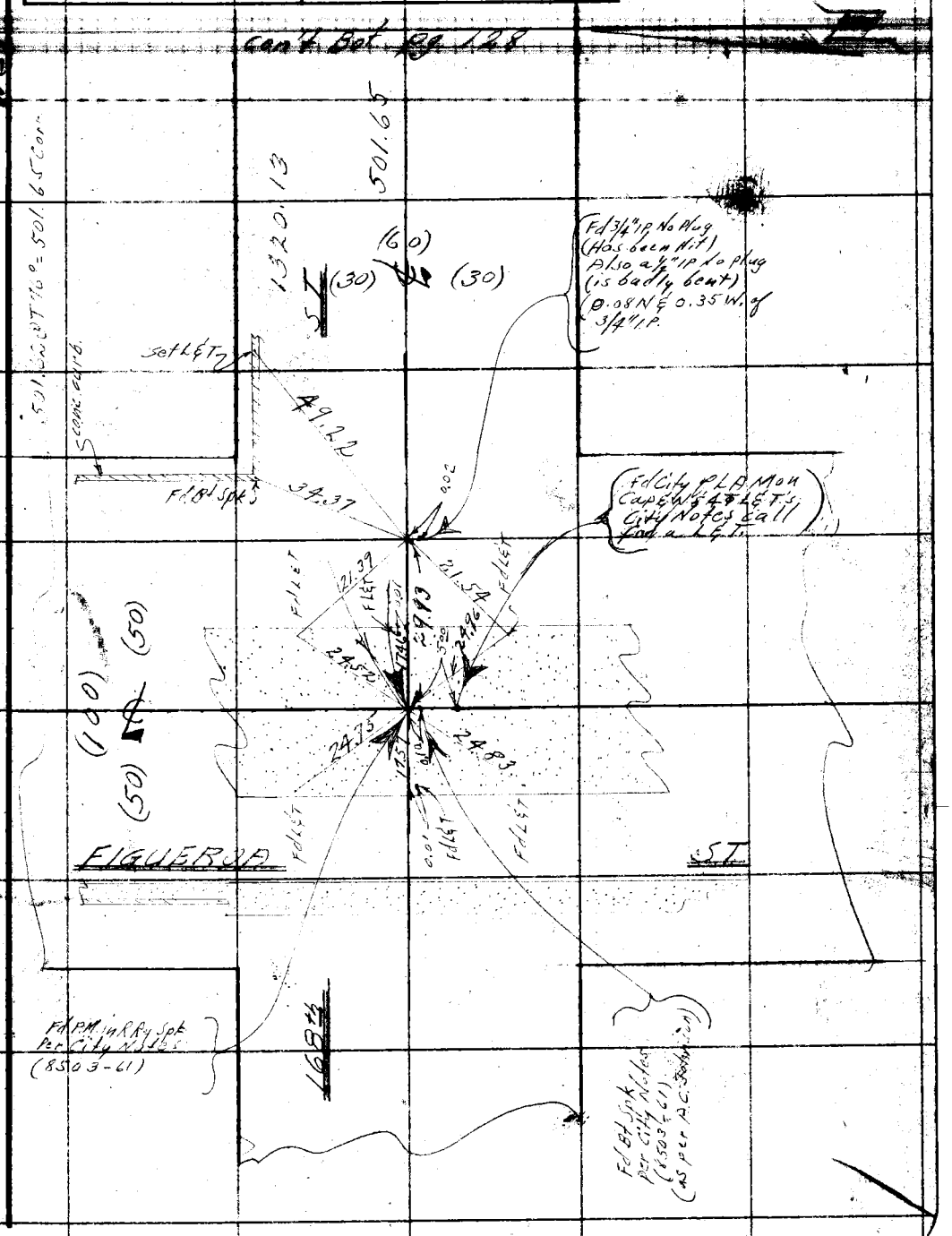


F. B. 1614 PG. 126

Notes Ck'd by	Survey of 168th St
Map No.	JN 030300 Tape 01721 Std 68 °F
Office Work	Surveyed by J.L. Willey
Checked	Notes J.L.W. Date 6/12/57
Date	Indexed A. C. Johnson

F. B. 1614 Pg. 189

WS 26, B-4



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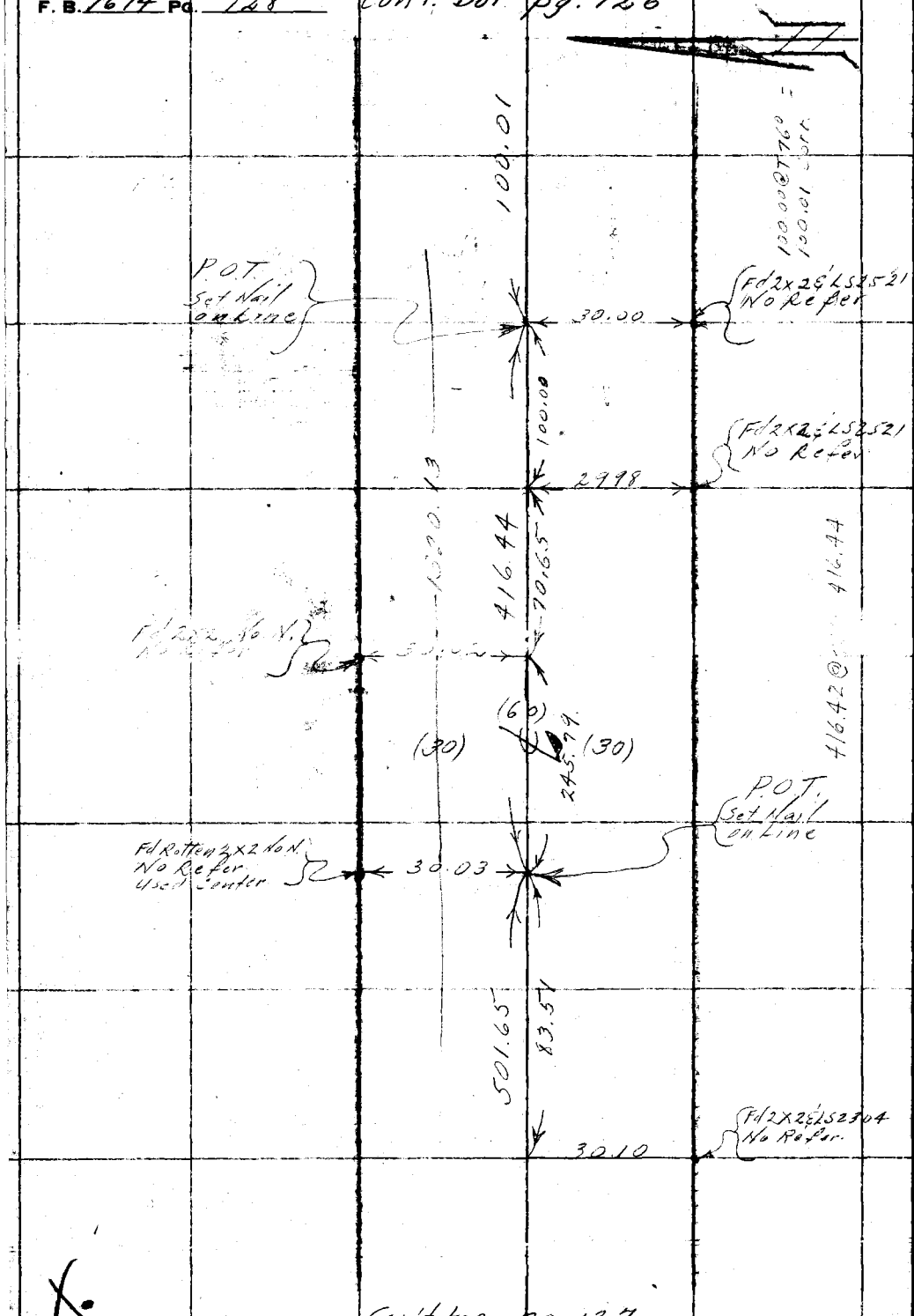
76F3098 S&E #247 1-56

F. B. 1614 Pg. 128

Con't. Bot pg. 126



Con't top pg. 127

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F. B. 1614 Pg. 133

NOTES RED _____ JOB NO. 199114 SURVEY OF 168th St

DATE _____ SURVEY BY JLWilley

NOTES CHKD. _____ NOTES BY J.L.W. DATE 6/18/57

DATE _____ INDEXED A. C. Johnson DATE _____

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
C.L. 199114						
168th ST						
BENCH MARK LEVELS.						
	6/18/57					
	Willey, J.L.					
	Maldonado					
	Nunez					
	Bell.					

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765420 S & E-353 4-54

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd BM	37.296				37.296	Fd BM SY 3892. Elev. 37.296 —
+	3640		3619			Broadway & 168th St, N.E. Cor.
Π	40.936	-0.891	0.892			L&N, N.W. Cor., Conc. Base, Phone booth, 45'N
−	4.531		4.511			& 50' E. of ℄ Inter
set BM	36405				36.404	set BM 3892A.
+	4.820		4.737			Broadway @ 168th St.
Π	41.225	+0.310	0.309			Fd Spk in Lead 1' E of W. edge Pvt, on ℄ 168th St.
−	4510		4428			
T.P.	36.715					
+	5989		5898			
Π	42.704	+1.428	1.428			
−	4561		4470			
T.P.	38.143					
+	4902		4825			
Π	43.045	+0.101	0103			
−	4801		4722			
set BM	38.244				38.~~242~~ .244	set BM 3892B.
+	4370		4308			168th St (S. Side) ± W. of Broadway
Π	42.614	-0.630	0.632			Bt. Spk. in Walk @ N.W. Cor. Bldg. #358
−	5.000		4.940			
T.P.	37.614					
+	5102		5142			
Π	42.716	-0.646	0.648			
−	5.748		5.790			
T.P.	36968					
+	4.862		4.899			
Π	41.830	+0.559	0560			
−	4303		4339			
set BM	37527				37.523	set BM 3892

See Next Page

F. B. 1614 PG. 134

JOB NO 1991.14 SURVEY OF 168th St NOTES RED
SURVEY BY J.L. Willey DATE
NOTES BY J.L.W. DATE 6/18/57 NOTES CHKD.
INDEXED L. C. Johnson DATE DATE

769420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Set BM	37.527				37.523	Set BM 3892 C
+	4499		4.539			Figueroa st 168.5 S/L N.E. Cor
π	42.026	+0.040	0.040			B4 Spk in Cor of Curb 29 N.E. 48 E of ℄ Intersection
−	4451		4.499			
T.P.	37.567					
+	4838		4.878			
π	42.405	+0.428	0.425			
−	4410		4.453			
T.P.	37.995					
+	4780		4.814			
π	42.775	+0.258	0.256			
−	4522		4.558			
Fd BM.	38.253				38.~~247~~ .244	Fd BM 3892 B Elev. 38.244 See pg. 04
+	5341		5.410			168½ S/L (S side) 166.7 W. of Broadway
π	43.594	−0.550	0.550			B1 Spk in Walk @ N.W. w/ Cor. 5 of Curb
−	5891		5.961			
TP	37.703					
+	3790		3.868			
π	41.493	−1.111	1.110			
−	4901		4.978			
T.P.	36.592					
+	4589		4.650			
π	41.181	−0.181	0.180			
−	4770		4.830			
Fd BM.	36.411					Fd BM 3892 A Elev. 36.405 See pg. 13
+	4210		4.162			Broadway @ 168½ S/L
π	40.621	+0.893	0.890			Spk in Lead, 1' E. of Wedge of Par 1, ℄ 166½ S/L
−	3317		3.272			
BM	37.304				37.296	Fd. BM S Y 3892. Elev. 37.296
						See Next Page

NOTES RED _____ JOB NO. 1111-14
DATE _____ SURVEY BY J.L.W. SURVEY OF 15th St
NOTES CHKD _____ NOTES BY J.L.W. DATE 6/18/57
DATE _____ INDEXED K. C. Johnson DATE _____

F.B. 1614 Pg. 135

F. B 1614 PG. 136

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED A. C. Johnson DATE _____ DATE _____

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMSY	37.304					BMSY 3892 Elev. 37296 — Broadway 168 St. N.E. Cor. Bt Sk, Mon. Base Phone Booth, 45' N & 60' E. of E. Inter.

Notes Ck'd by	Survey of 168th St
Map No.	JN 1991.14 Tape Std °F
Office Work	Surveyed by J.L. Willey
Checked	Notes J.L.W. Date 6/18/57
Date	Indexed K. C. Johnson

F. B. 1614 PG. 137

C.I. 1991.14

168th ST

TOPOGRAPHY

on

168th ST

from

Broadway to Figueroa St

6/18/57
Willey J.L.
Maldonado
Nunez
Beld.

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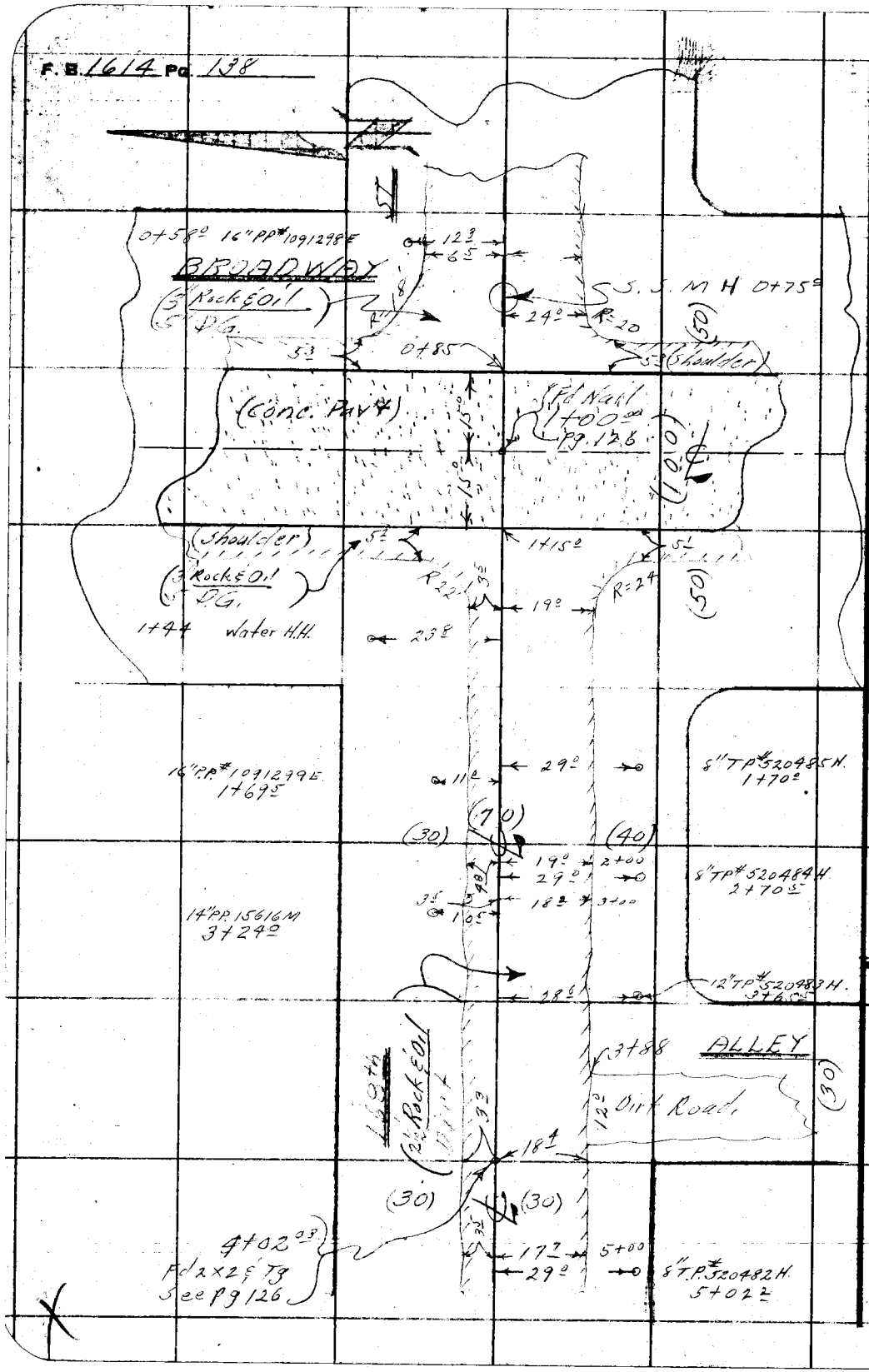
F.B. 1614 Pg. 138



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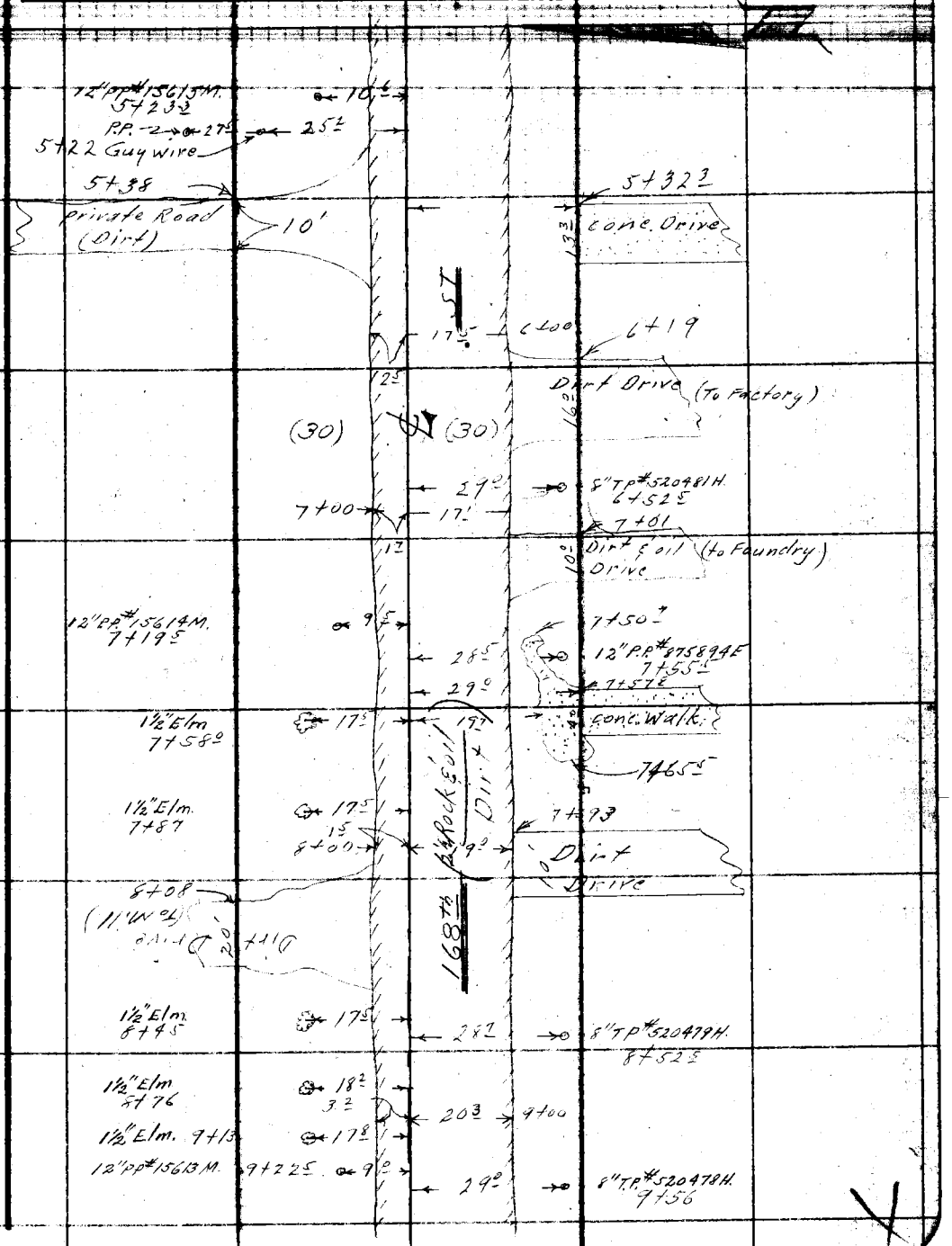
Notes Ck'd by	Survey of 168th St	F. B. 1614 Pg. 134
Map No.	JN 1991.14 Tape Std °F	
Office Work	Surveyed by J L Willey	
Checked	Notes JLW Date 6/18/57	
Date	Indexed A. C. Johnson	



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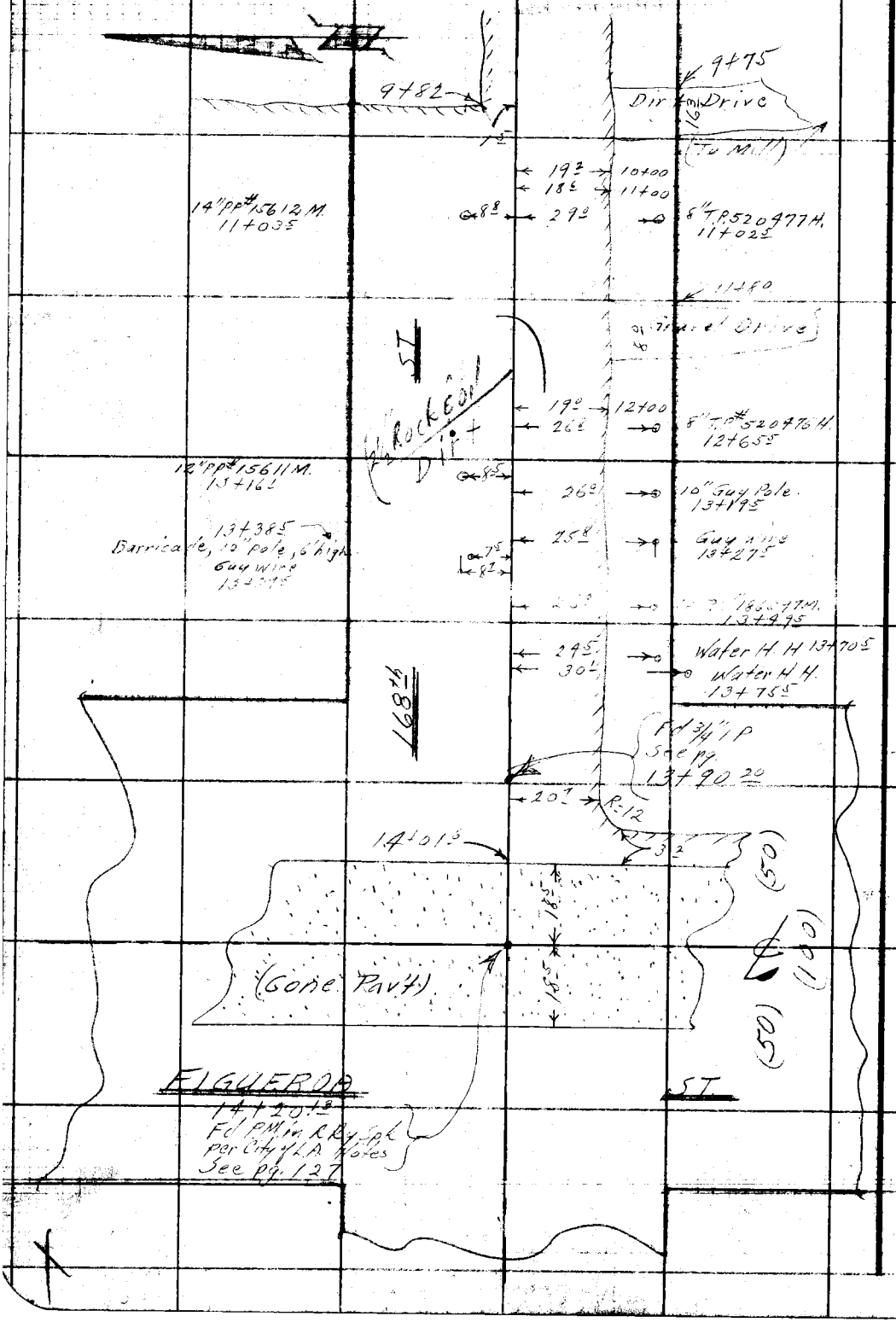
F. B. 1614 Pg. 140



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Profile	Notes Red.	Plotted	Job No. 199114	Division No.	F. B. 1614 Pg. 141
No.	Date	Date	Survey of 168th ST		
X-Sec.	Notes Chkd.	Checked	Survey by J.L. Willey	Notes J.L.W.	Date 6/20/57
No.	Date	Date	Map No. E. Johnson		Date

C.I. 199114
168th ST

"X" SECTIONS
on
168th ST
from
Broadway to Figueroa St.

6/20/57
Willey J.L
Maldonado
Nunez
Bold

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

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76298 S & E #307—7-55

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F. B. 1614 Pg. 142 Job No. 1114 Division No. 1 Notes Red. Plotted Profile No.
Survey of 168th St Date Date X-Sec. No.
Survey by TLM Notes TLM Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date

STATION	S. S.	H. I.	F. S.	ELEV.	168th St			
BM 3892A				36.41	BM3892A Elev. 36.405 Broadway & 168th St. L & N in Park, 1' E of W. edge, on ℄ 168th St Left			See pg 134
							℄	R 194 ft
0+75 S.S. M.H.					S.S.M.H.		℄	
					W.	E.	N	S.
8" S.t. W				24.30	Rim 36.10	Rim 36.05	36.05	36.05
8" Inlet E.				24.25	Depth 11.13	Depth 11.08	11.08	11.13
15" Inlet N				23.72	Dia 0.67	Dia 0.67	1.25	1.25
15" Outlet S				23.67	Rim 24.30	Rim 24.25	23.72	23.67
0+85				36.39	E edge Conc. Rd.		℄	
1+00				36.31	℄ Inter. Broadway		℄	
"				36.27				100 Conc. Rd.
"				37.40				235 Conc Rd.
"				36.95	Conc. Rd.			
1+15				36.90	W. edge Conc. Rd		℄	
1+28				36.90	"X" Rd		℄	
"				36.98				8" edge Rd.
"				35.[illegible]	(in Gutt)			35' approx
"				35.79	edge Rd - 25'			

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	168th St	
					Left, ℄	Right
1+28				352	opp S P/L 40	(in Gut)
1+50				3596	opp W P/L ℄	
"				3587		35 N edge Pv
"				357		52 Gut
"				370		12 Top brk
"				370		30 N P/L
				3614	Crown of Pvt. 10	
				3574	S. edge Pvt. 19'	— Gut line
				359	S P/L Cor. 40'	
1+72				3655	brk in Pvt. ℄	
"				3633		25 N edge Pv
"				3663	Crown Pvt. 9°	
"				3614	S. edge Pvt. 20'	
2+00				367	℄	
"				3653		35 edge Pv
				361		72 Gut
"				367		11 brk
"				365		30 N P/L
				3684	Crown Pvt. 8°	
				3621	S. edge " 19'	

Profile Notes Red. ____ Plotted ____ Job No. 199114 Division No. ____ F. B. 1614 PG. 143
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by J L Wiley Notes J L W Date 6/20/57
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	168th St	
					Left ℄	Right
2+00				[illegible]	Gut 24	
"				3 [illegible] 2	Sp/L 40'	
0				3 6 81		
3+00				3 6 [illegible]	℄	
"				3 6 [illegible]		2.5 edge Pvt.
"				3 [illegible]		6.0 Gut.
"				3 6 9		12' brk
"				[illegible]		30 Np/L
"				3 6 16	Crown Pvt. 9.0	
"				3 6 32	Sedge Pvt. 18.2	
"				3 5 [illegible]	Gut Line 24'	
"				3 6 6	Top brk 28'	
"				3 [illegible] 3	Sp/L 40'	
4+00				3 7 12	℄	
4+02.03				3 7 [illegible]	Inter W line of Alley ℄	
"				3 7 [illegible]		2.5 edge Pvt.
"				3 6 [illegible]		[illegible] Gut
"				3 7 [illegible]		9.0 brk
"				3 7 [illegible]		30' Np/L
"				3 7 7		Grade 115

F. B. 1614 Pg. 144 Job No. 199114 Division No. Notes Red. Plotted Profile
Survey of 168th St Date Date No.
Survey by J. L. Wiley Notes J. L. W. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	168th St. Left ℄	Right
4+02.05				382		230 Grnd
"				3735	Crown Pvt 8°	
"				3707	edge " 1.9°	
"				366	Gut. 24'	
"				369	brk 30	SP/L to West
"				369	Grnd 40	SP/L to East
"				365	" 115'	
"				362	" 230	
5+00				3776	℄	
"				3766		2.5 edge Pvt
"				376		5° Gut.
"				380		8° brk
"				379		30' NP/L
"				3790	Crown Pvt 8°	
"				3756	S edge " 18.5	
"				3737	Gut line 22'	
"				376	SP/L 30'	
⊙				3808		
6+00				3820	℄	
"				3808		2.5 edge Pvt

Profile Notes Red. ____ Plotted ____ Job No. 199114 Division No. ____ F. B. 1614 Pg. 145
No. ____ Date ____ Date ____ Survey of 168th St.
X-Sec. Notes Chkd. ____ Checked ____ Survey by JL Willey Notes JLW Date 6/20/57
No. ____ Date ____ Date ____ Map No. ____ Index Johnson Date ____

76298 S & E #307—7-55

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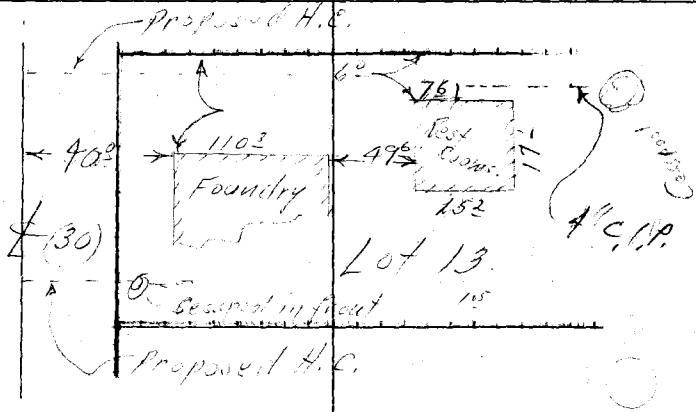
STATION	B. S.	H. I.	F. S.	ELEV.		
(Note: Lot 14 & 15 (on South), pipe & cesspools are at front of Bldg near to street. Lot 3 on [illegible] has no plumbing. Note: Lot 13 wants 2 House Laterals						
6+00				3 7 9		6° Gut.
"				3 [illegible]		9.5 brk
"				3 [illegible]		30 [illegible]
"				3 8 [illegible]	Ground pt. 9°	
"				3 [illegible]	[illegible] 17.5	
"				3 [illegible]	Gut [illegible]	
"				3 7 [illegible]	[illegible]	
"				3 5 90	Top 4" C.I.P. @ Rest Room, Lot 13	
				3 7 40	Ground over pipe	
7+00				3 8 [illegible]		℄
"				3 [illegible]		1.5 edge pt.
"				3 7 [illegible]		5.5 Gut.



F. B. 1614 Pg. 146 Job No. 199114 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of 16th St. Date ____ Date ____ No. ____
Survey by J.W. Wiley Notes J.L.W. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. C. Johnson Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	168th St.	
					Left	Right
7+00				38 4		11° Top brk
"				38 6		30 N P/L
"				38 40	Crown Pvt. 8°	
"				38 15	edge " 17	
"				37 9	Gut line 23	
"				38 1	S P/L 30	
⊙				38 21		
8+00				38 15		℄
"				38 35		1° edge Pvt.
"				38 0		6° Gut line
"				38 1		9° brk
"				38 2		30 N P/L
"				38 2		115 Gr.
"				38 5		230 Gr.
"				38 40	Crown Pvt. 6°	
"				38 [illegible]	Edge " 1°	
"				37 7	Gut. 24'	
"				37 9	S P/L 40'	
				37 6	Grnd 115	
				37 [illegible]	Grnd 230	

Profile Notes Red. ____ Plotted ____ Job No. 1491 Division No. ____ F. B. 1614 Pg. 14-7
No. ____ Date ____ Date ____ Survey of 168th St.
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.L. Willey Notes J.L.W. Date 6/20/57
No. ____ Date ____ Date ____ Map No. ____ Date ____
Lieut. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	166th St	
					Left	Right
9+00				[illegible] 56	℄	
"				3 58		3' Edge Pavt.
"				3 [illegible] 4		5' Gut Line
"				[illegible] 9		11' Bk
"				3 [illegible]		30 N P/L
"				3 [illegible] 20	Crown pvt. 95	
"				3 [illegible] 12	edge " 19[illegible]	
"				3 [illegible]	Gut Line 22'	
"				3 7 [illegible]	S P/L 30'	
"				3 8 [illegible]2		
Note:	P/L owner, Lots [illegible] Want 2 [illegible] at rear ℄ of each of the [illegible] at present.				Has no permanent plumbing	
9+82				3 1 [illegible]4	℄	
"				3 [illegible]		1' Edge Pvt.
				3 [illegible]		5' Gut Line
"				3 [illegible] 1		30 N P/L
10+00				3 [illegible]	℄	
				3 7 [illegible]5		30' N P/L Pvt

F. B. 1614 Pg. 148 Job No. 19414 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of 166th St Date ____ Date ____ No. ____
Survey by J. Willey Notes J. W. Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ No. ____

76298 S & E #307—7-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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.	168th St	
					Left ℄	Right
10+00				3 7 [illegible]	Crown Pvt 9°	
"				3 7 [illegible]	edge Pvt 19	
"				3 7 [illegible]	Gut 20°	
				3 7 [illegible]	SPL 30	
11+00				3 7 70	℄	
"				3 7 51		30 NPL
"				3 7 92	Crown Pvt 9°	
"				3 7 59	edge " 18°	
				3 7 5	Gut line 22	
				3 7 4	SPL 30	
⊙				3 7 83		
12+00				3 7 51	℄	
"				3 7 42		4° [illegible]
				3 7 92		30 NPL
"				3 7 [illegible]		[illegible]
"				3 8 0		230 NPL
"				3 7 57	Crown Pvt 9°	
"				3 7 21	edge Pvt 23'	
"				3 7 1	Gut line 23'	
				3 7 3	SPL 30	

Profile Notes Red. Plotted Job No. 1991.14 Division No. F. B. 1614 Pg. 149
No. Date Date Survey of 168th St
X-Sec. Notes Chkd. Checked Survey by JLW Notes JLW Date 6/20/57
No. Date Date Map No. Signed Johnson Date

76298 S & E #307—7-55

PLEASE RETURN TO
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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.	168th St. Left	℄ Right
12+00				3 [illegible]	[illegible]	
"				3 [illegible] 7	" 230	
⊙				3 [illegible]		
13+00				3 6 58	Brk. Pvt.	℄
"				3 [illegible] 42		3° brk
"				3 [illegible] 49		30 N P/L
"				3 6 42	Crown pvt 95	
"				3 6 35	edge Pvt. 20'	
"				3 6 [illegible]	Gut 22'	
"				3 6 3	S P/L 30'	
13+70				3 [illegible] 52	Opp E. P/L	℄
"				3 [illegible] 37		3° brk
"				3 6 67		30 N P/L Cor.
"				3 [illegible] 43	Crown Pvt. 95	
"				3 [illegible] 35	edge " 195	
"				3 [illegible] 3	Gut 22	
"				3 6 0	S P/L Cor. 30' - Top brk.	
14+00				3 [illegible] 9	"X" Gut	℄

F. B. 1614 Pg. 150 Job No. 1991A Division No. Notes Red. Plotted Profile
Survey of 168th St. Date Date No.
Survey by J. L. Willey Notes J. L. W. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date 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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	168th St.	
					Left ℄	Right
14+01 6				3 4 75	E. edge Conc. Pav't. ℄	
14+20 13				3 5 04	℄ Intev. Figueroa St. ℄	
"				3 5 58		115' Rvt.
"				3 6 02		230' Pv
				3 4 55	Pav't. 115'	
				3 4 12	Pav't. 230'	
B.M.				3 7 52	BM 5892 C. Elev. 37527 See pg 135 Figueroa St & 168th St. [illegible] Bt Spk in Curb 21 [illegible] ℄ [illegible]	

Profile Notes Red. ____ Plotted ____ Job No. 19914 Division No. ____ F. B. 1614 Pg. 157
No. ____ Date ____ Date ____ Survey of 168th St.
X-Sec. Notes Chkd. ____ Checked ____ Survey by JL Willey Notes JLW Date 6/20/57
No. ____ Date ____ Date ____ Map No. ____ Date ____

F. B. 1614 Pg. 152 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.

7628S S & E #307—7-55

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Notes Ck'd by	Survey of 168th St S.S. Dist
Map No.	JN 1991.14 Tape 0180 Std 68 °F
Office Work	Surveyed by J.S. Coates
Checked	Notes J.S.C. Date 10-7-57
Date	Indexed A. C. Johnson 10-10-57

F. B. 1674 Pg. 75 3

C.I. 1991.14

168TH ST S.S. DIST

ADDITIONAL

CENTER-LINE

ON

FIGUEROA ST

COATES
OCHSNER
GLIDDEN
SMITH

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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76F309S S&E #247 1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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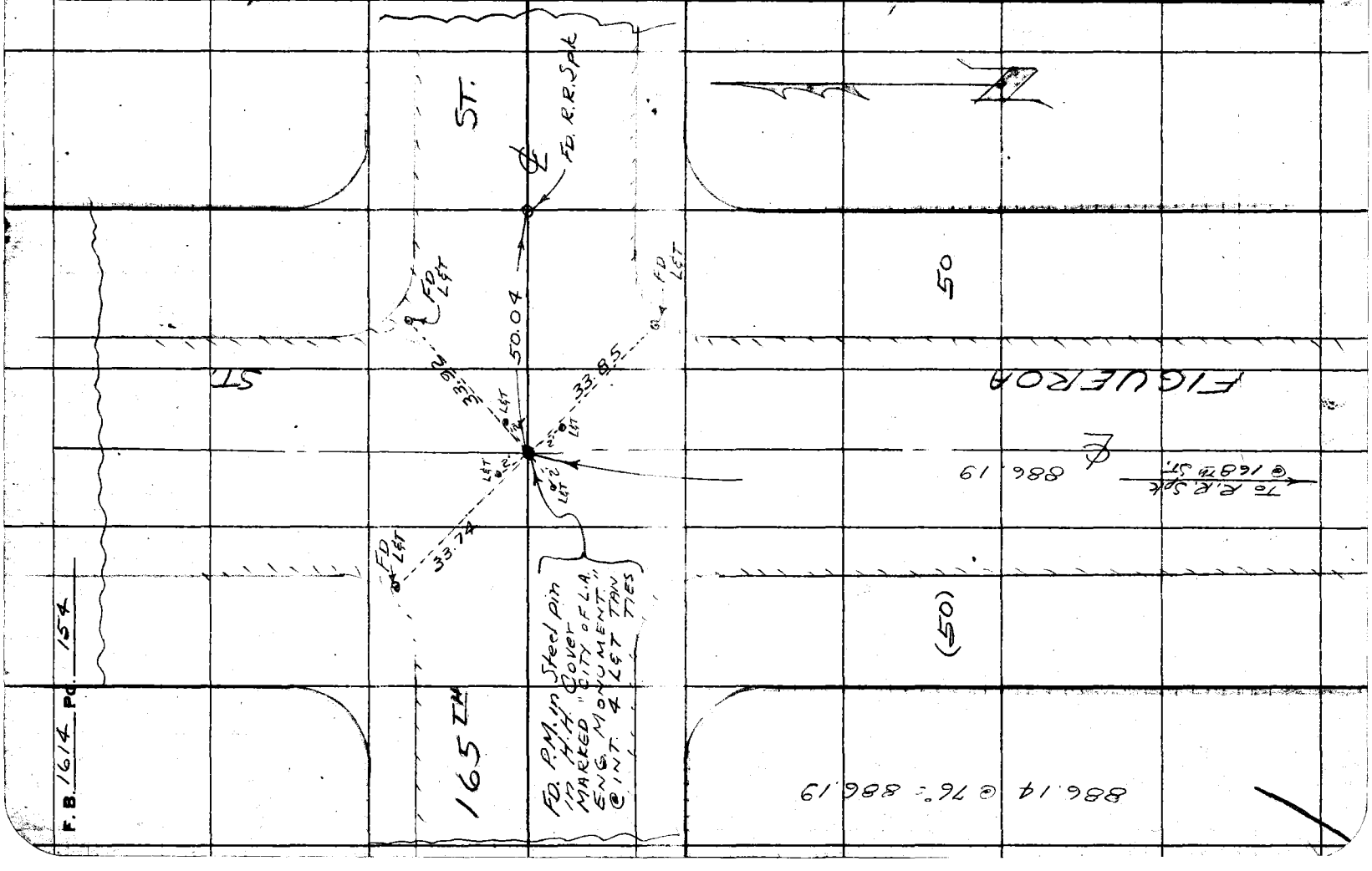
WS 26, B-4.



F.B. 1614 Pg. 154

Notes Ck'd by:	Survey of 168th St. S.S.
Map No.	JN 199114 Tape Std °F
Office Work	Surveyed by J.S. Connell
Checked	Notes J.S.C. Date 10-7-57
Date	Indexed C. Johnson

F. B. 1614 Pg. 155

C.I. 199114

168TH ST. S.S. DIST.

TOPOGRAPHY
ON
FIGUEROA ST

From: 168th ST 1400
To: 626± NLY

(E. SIDE ONLY)

COATES
OCHSNER
GLIDDEN
SMITH

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

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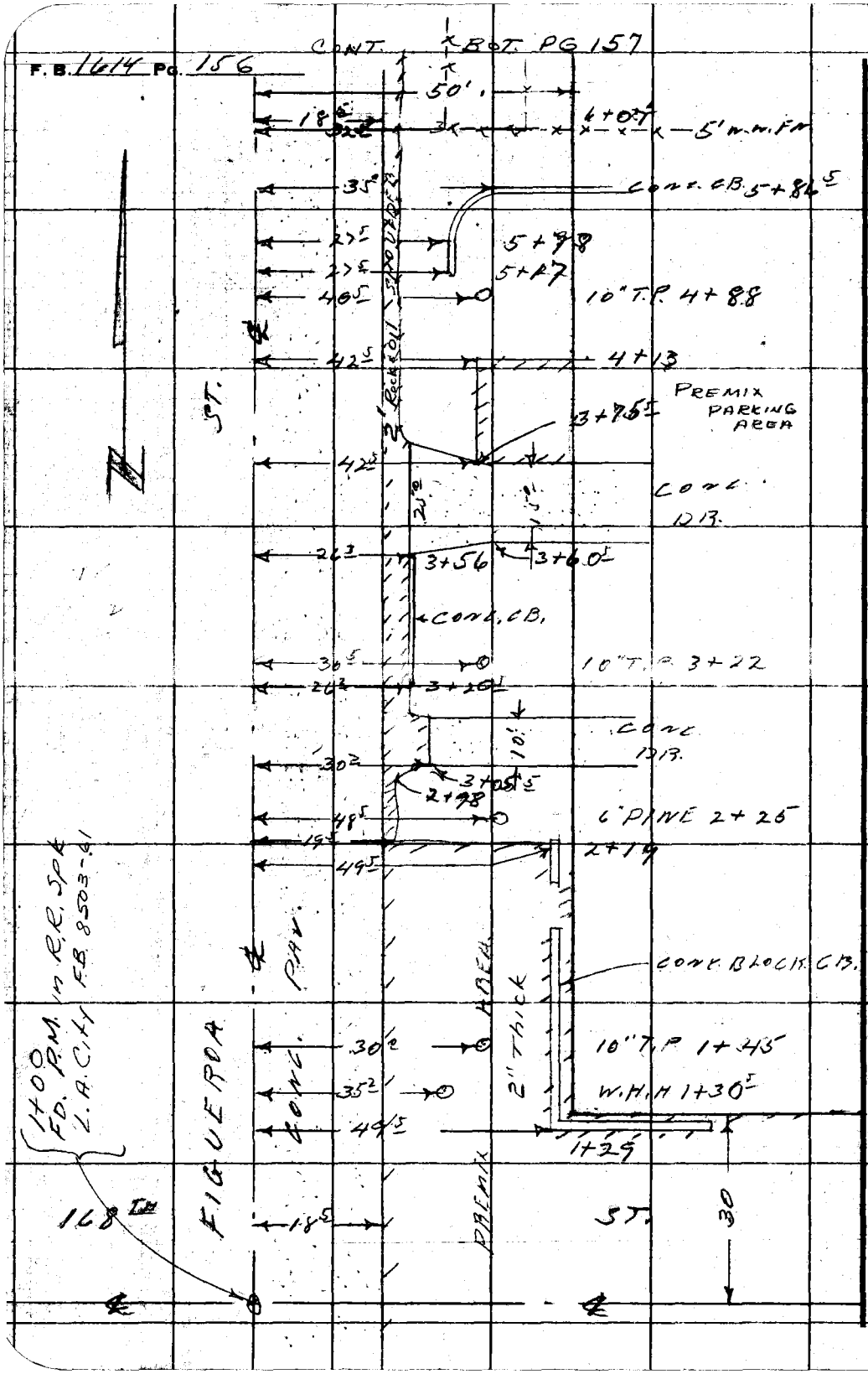
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 1-56

F.B. 1614 Pg. 156



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

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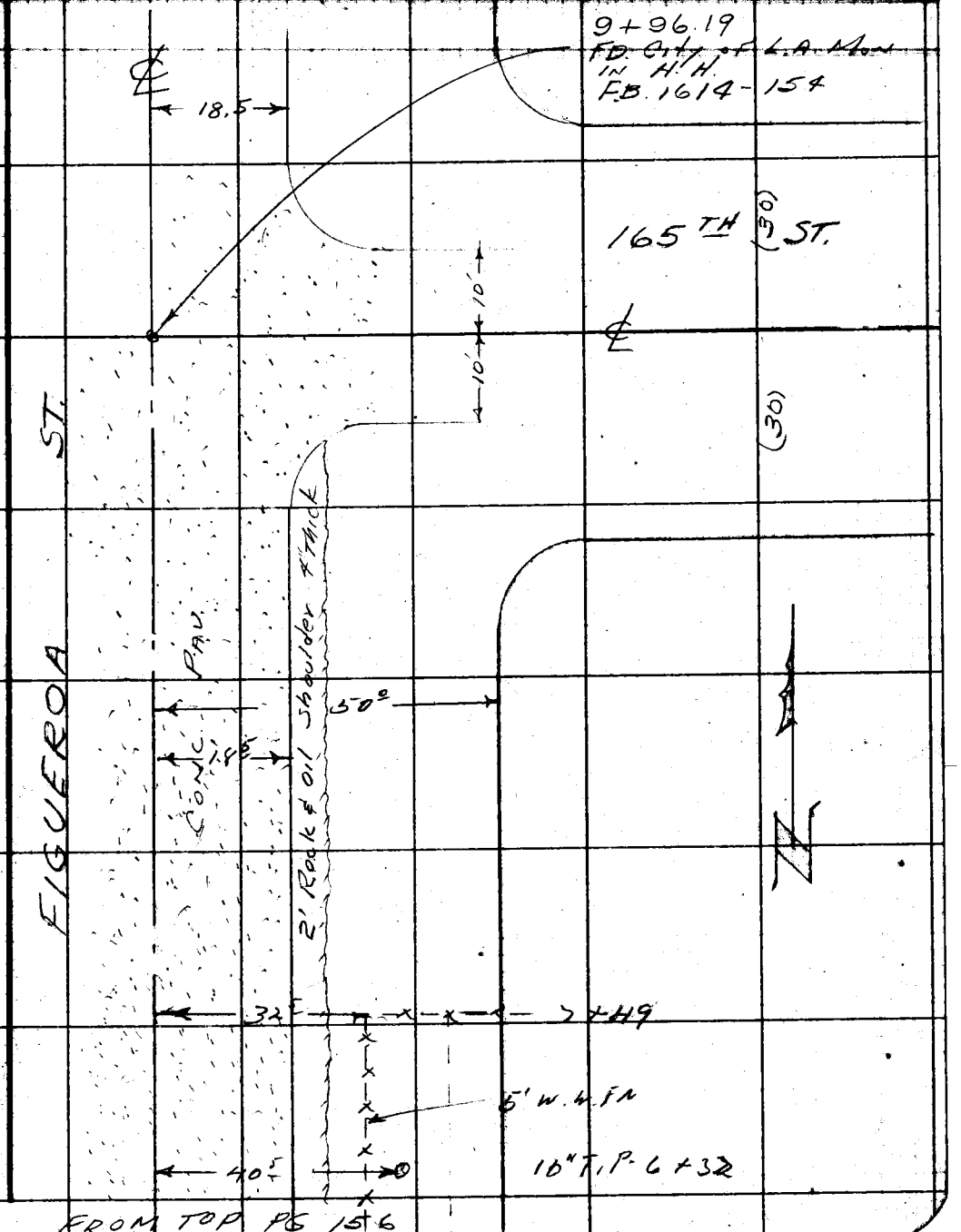
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of [illegible]
JN 1991.14 Tape Std °F
Surveyed by [illegible]
Notes J.F.O. Date 10-7-57
Indexed K. C. Johnson

F.B. 1614 Pg. 157



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

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

76F3095 SEE #247 1-56

F. B. 1614 Pg. 158

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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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Profile No.	Notes Red Date	Plotted Date	Job No. 1991.14	Division No.	F. B. 1614 Pg. 159
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey of 168th St. S.S.		
			Survey by J.S. COATES	Notes J.S.C.	Date 10-7-57
			Map No.	Indexed C. Johnson 10-10-57	

C.I. 1991.14

168th St. S.S. DIST.

CROSS-SECTION
ON
FIGUEROA ST.

From: 168th ST.

To: 625'± N'ly

COATES
OCHSNER
GLIDDEN
SMITH

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.

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 8-53

76L298 307 8-53

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LOS ANGELES COUNTY SURVEYOR
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.		Figueroa St.
BM 3892C				3752	BM3892C Elev. 37.523 F.B. 1614-135	
					Figueroa St & 168th St. N.E. Cor.	
					Bt Spk. in Cor. of curb. 29' N. & 48' E. of ℄ INT	
1+00	℄ INT	168th ST.		3504		℄ INT. 168th ST.
"				3475		18⁵ edge conc.
"				347		22' flow line
"				355		50'
1+50				3498		18⁵ edge conc.
"				348		23' flow line
"				354		30'
"				366		50' P/L
"				379		250'
"				377		500 B.L.L.
2+00				3550		℄
"				3523		18⁵ edge Conc
"				352		23' flow Line
"				360		30'
"				365		50' P/L.
3+00				3594		℄
"				3573		18⁵ edge Conc
"				356		23' flow Line

F. B. 1614 Pg. 160 Job No. 199114 Division No. Notes Red. Plotted Profile
Survey of 168th ST. S.S. Date Date No.
Survey by J.S. COATES Notes J.S.C. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

76L298 307 8-53

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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.

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STATION	B. S.	H. I.	F. S.	ELEV.		FIGUEROA ST.
					℄	RT
3+00				368		30'
"				377		50' P/L
T.P.				3561		
4+00				3638	℄	
"				3621		18.5 edge conc.
"				361		22' flow line
"				374		30'
"				380		50' P/L
"				391		500' B.L.L.
5+00				3683	℄	
"				3658		18.5 edge Conc.
"				365		21' flow line
"				380		30'
"				385		50' P/L
6+00				3721	℄	
"				3700		18.5 edge Conc.
"				368		21' flow line
"				384		30
"				386		50' P/L

Profile Notes Red. ____ Plotted ____ Job No. 1991.14 Division No. ____ F.B. 1614 Pg. 161
No. ____ Date ____ Date ____ Survey of 16 8th St. S.S. DIST.
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.S. Coates Notes JSC Date 10-7-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

[redacted]

LOS [redacted]
726 L[redacted]

STATION	B.S.	H.I.	F.S.	ELEV.	FIGUERO ST.
					℄ RT
7+00				3764	℄
"				3747	18^{5} edge Conc.
"				[illegible]4	21' flow Line
"				[illegible]8	30'
"				392	50' P/L
				397	500' B.L.L.
7+50				3789	℄
"				3765	18^{5} edge Conc.
"				376	21' flow Line
"				3[illegible]8	30'
"				388	50' P/L
TP				3500	
BM 3892C				3751	BM 3892C Elev 37.52 FB 1614-135
					Figueroa ST. & 168th ST N.E. Cor.
					Bt. Spk. in Cor. of curb 29' N & 48' E of ℄ INT.

Job No. 1991.14 Division No. Notes Red. Plotted
Survey of [illegible] ST S.S. DIST. Date Date
Survey by J.S. Coates Notes J.S.C. Notes Chkd Checked
Indexed Date Date