Notes Ck'd by	Survey of W.W. #4 AVE J 25W To 30W F. B. 4144 PG. 5
Map No.	JN 504446 Tape 019 Std 68 °F
Office Work	Surveyed by K. KING
Checked	Notes KK Date 4-22-75
Date	Indexed T. M. PALMERI

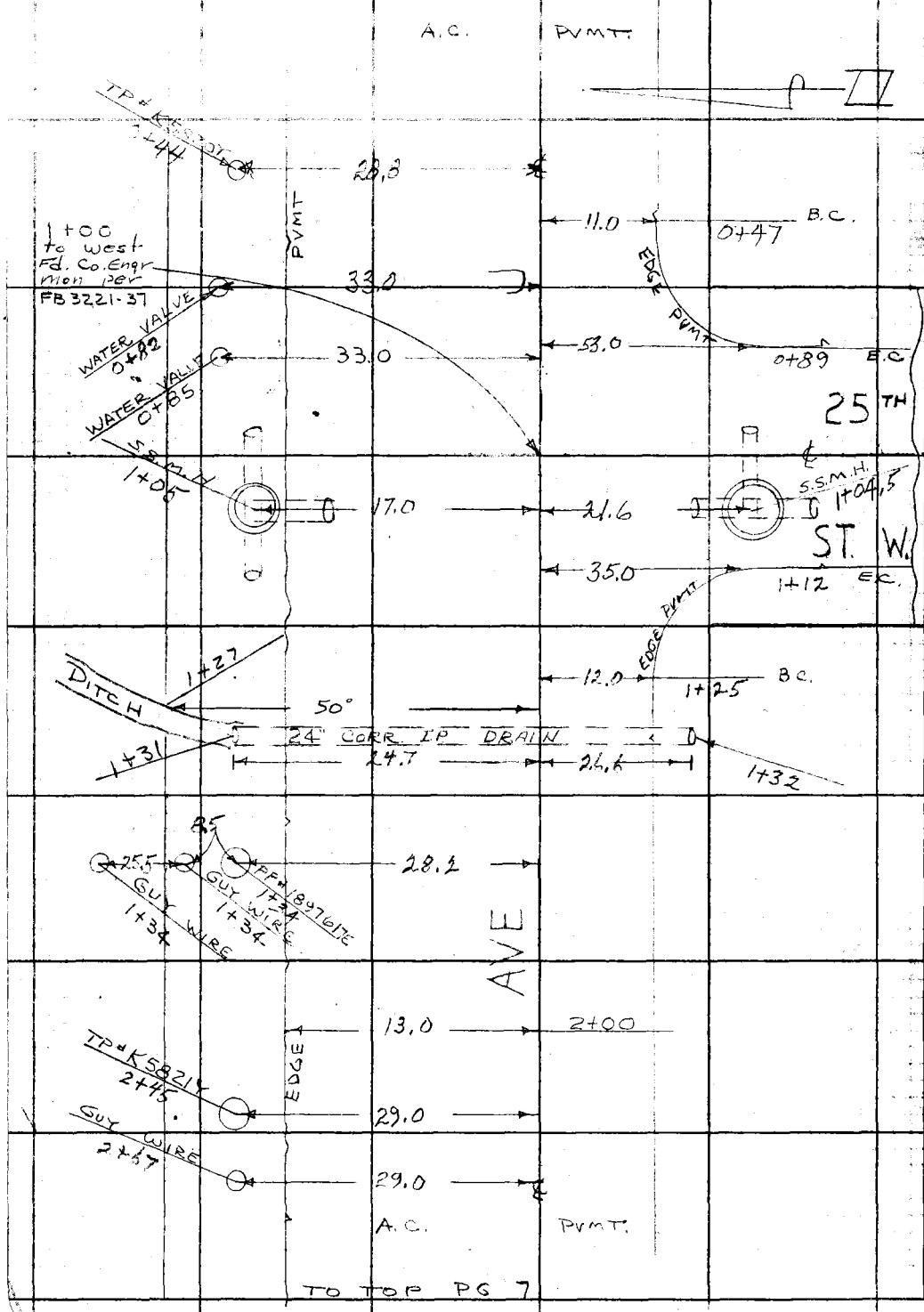
JN 504446

WW#4 Lancaster Area
TOPOGRAPHICAL SURVEY
ON AVE "J" FROM 25TH ST. W.
TO 30TH ST. W.

PARTY
KING
JERNIGAN
ADAMS

Microfilmed Dec '84.

F. B. 4144 PG. 6



TO TOP PG 7

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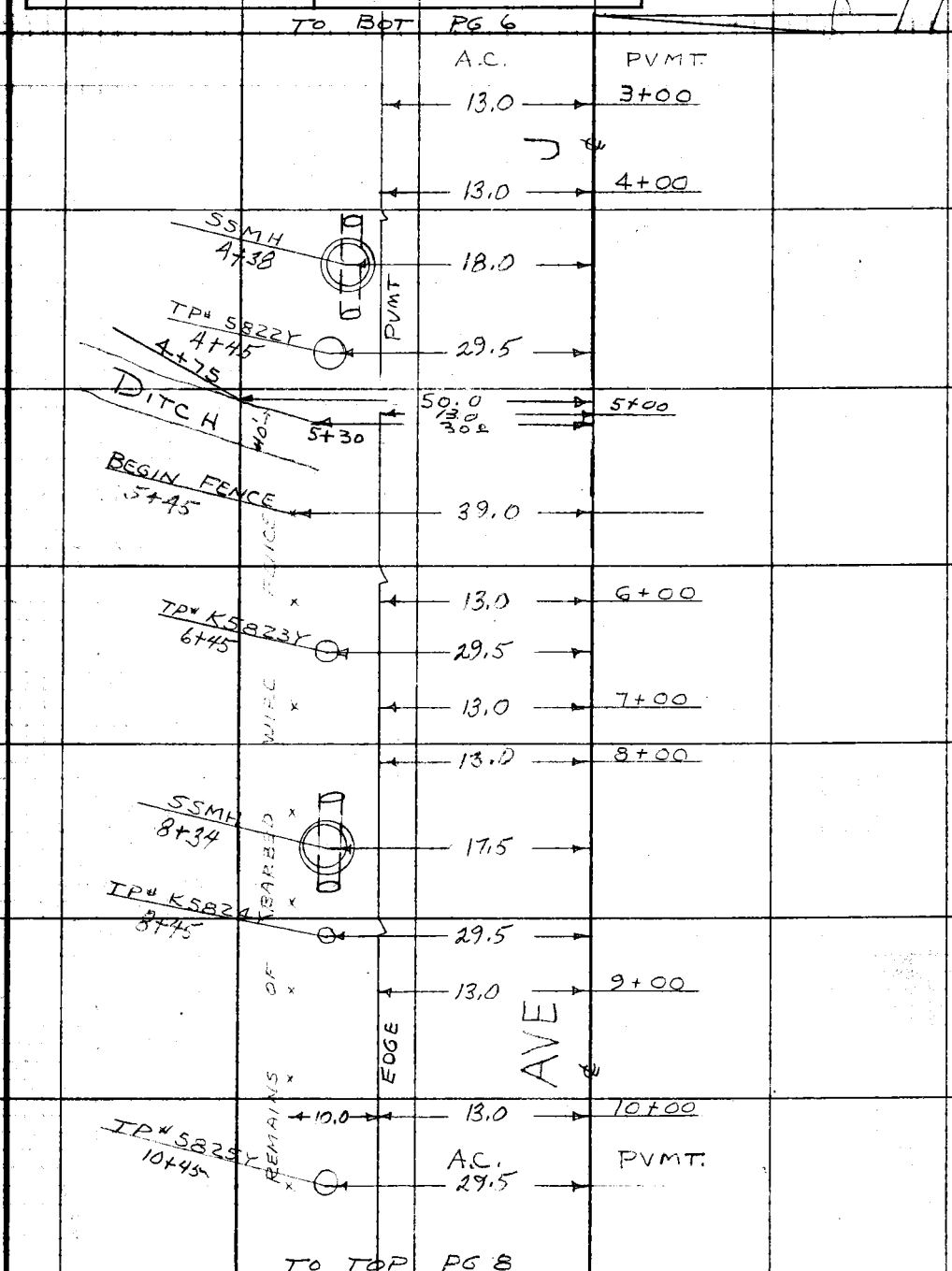
Notes Ck'd by	Survey of W.W.#4 AVE J 25W to 30W
Map No.	JN 504446 Tape 019 Std 68 °F
Office Work	Surveyed by K. KING
Checked	Notes KK Date 4-22-75
Date	Indexed L. M. PALMERI MAY 1 '75

F. B. 4144 PG. 7



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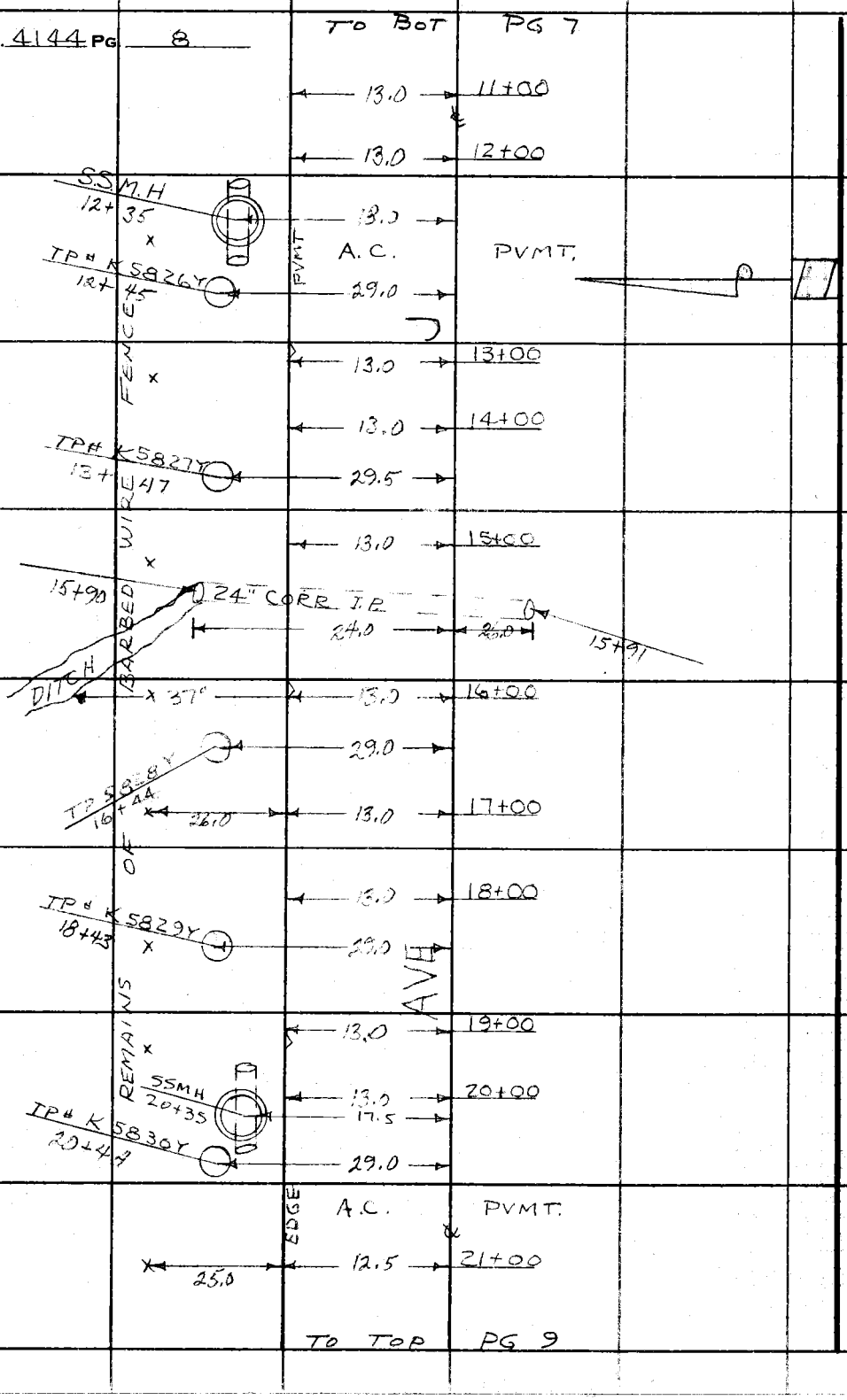
76F309S CE#310 3-69

F. B. 4144 PG 8



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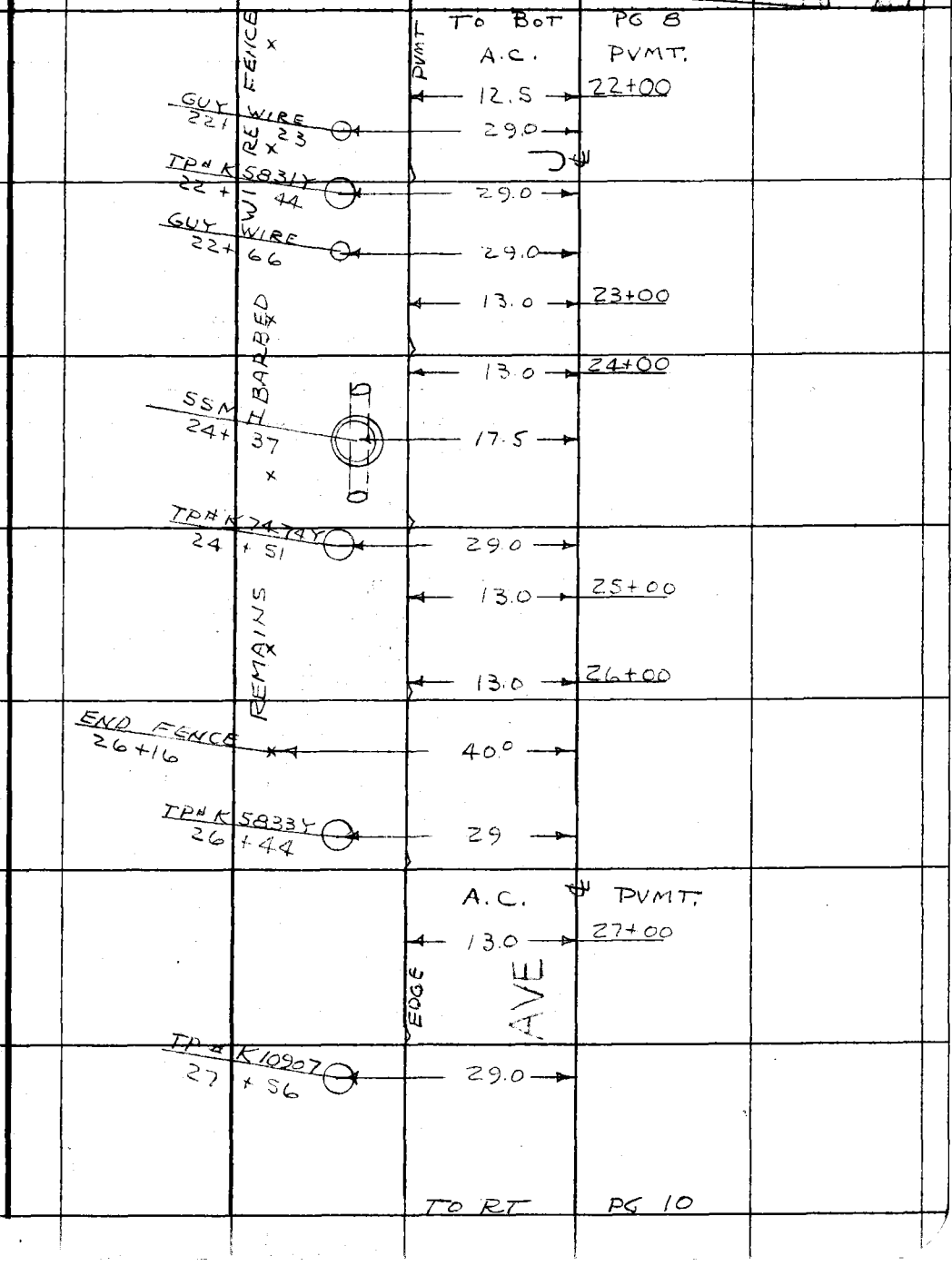
Notes Ck'd by	Survey of W.W. #4 AVE 125W to 30W
Map No.	JN 5044.46 Tape 019 Std 68 °F
Office Work	Surveyed by K. KING
Checked	Notes KK Date 4-22-75
Date	Indexed K. M. PALMERI MAY 1 '75

F. B. 4144 PG. 9



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F. B. 4144 PG 10

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F. B. 4144 PG. 11

NOTES RED. JOB NO. 504446 SURVEY OF W.W. 4 AVE J 25W TO 30W
DATE SURVEY BY K. KING
NOTES CHKD. NOTES BY K.K DATE 4-24-75
DATE INDEXED T. B. PALMERI DATE 1 75

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JN 504446 W.W. DIST #4 AVE J 25TH ST W TO 30TH ST W. BENCH LEVELS						

PARTY
KING
ADAMS
JERNIGAN

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768420 S & E-353 4-54

765420 S & E-353 4-54

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JOB NO. 504446 SURVEY OF W.W. #4 AVE J 25TH TO 30TH NOTES RED DATE
SURVEY BY K. KING NOTES CHKD. DATE
NOTES BY K.K. DATE 4-24-75
INDEXED T. M. PALMER DATE

F.B. 4144 PG. 12

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMNC #1352					2340.087	BMNC # 1352 EL = 2340.087 FB 3452-168 AT INT OF AVE J & 25TH ST. W. 50' NO. & 50' EAST OF ℄ INT. A 2" IP WITH CEM. PLUG & C.E. TAG, 4" UP (WEST EDGE)
+	5.060		5.162			
HI	45.147	-1.548	-1.548			
—	6.608		6.710			
BMNC 1351	2338.538				2338.538	BMNC # 1351 EL = 2338.538 FB 3452-168 AT ℄ INT OF AVE J & 25TH ST. W. A C.S. MON. IN H.H. (NORTH EDGE BRASS CAP)
+	6.318		6.360			
HI		+2.228	+2.227			
—	4.090		4.133			
T.P.	2340.766					
+	4.270		4.440			
HI		+0.091	+0.089			
—	4.179		4.351			
T.P.	2340.857					
+	3.988		4.167			
HI		-0.782	-0.781			
—	4.770		4.948			
T.P	2340.075					
+	3.850		4.061			
HI		+0.032	+0.033			
—	3.818		4.028			
TBM #1	2340.107				2340.115	TBM #1 EL = 2340.115 FB 4144-12 AT ℄ AVE J & 25TH ST. W. 1145' WEST & 29' NORTH. SET A SM. B. SPK IN TP K 5826Y
+	3.802		4.027			
HI		-0.194	-0.193			
—	3.996		4.220			
T.P.	2339.913					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2339.913					
+	4.410		4.590			
H I		+0.139	+0.142			
−	4.271		4.448			
T.P.	2340.052					
+	4.073		4.320			
H I		-0.029	-0.029			
−	4.102		4.349			
T.P.	2340.023					
+	4.392		4.642			
H I		+0.381	+0.384			
−	4.011		4.258			
T.P.	2340.404					
+	4.085		4.343			
H I		+0.072	+0.071			
−	4.013		4.272			
T.P.	2340.476					
+	3.939		4.140			
H I		+0.199	+0.196			
−	3.740		3.944			
TBM # 2	2340.675				2340.667	TBM # 2 EL. 2340.667 FB4144-13 AT INT. OF AVE J & 30TH ST. W., 5' WEST & 15 NORTH OF ℄ INT. A P.M. IN SO. RIM. SSMH
+	3.638		3.773			
H I		-0.573	-0.575			
−	4.211		4.348			
TBM # 3	2340.102				2340.094	TBM # 3 EL 2340.094 FB4144-13 AT ℄ INT OF AVE J & 30TH ST. W A C.E. MON. IN HH (USED CTR.)
+	4.342		4.647			
H I		+0.384	+0.387			

NOTES RED ____ JOB NO 5044.46 SURVEY OF W.W. 4 AVE J 25W TO 30W
DATE ____ SURVEY BY K. KING
NOTES CHKD ____ NOTES BY KK DATE 4-24-75
DATE ____ INDEXED L. M. PALMERI DATE NOV 1 75

F.B. 4144 PG. 13

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
–	3.958		4.260			
T.P.	2340.486					
+	3.745		3.912			
HI		-0.140	-0.140			
–	3.885		4.052			
T.P.	2340.346					
+	3.766		3.952			
HI		-0.213	-0.215			
–	3.979		4.167			
T.P.	2340.133					
+	3.827		4.035			
HI		+0.105	+0.103			
–	3.722		3.932			
T.P.	2340.238					
+	4.037		3.987			
HI		-0.116	-0.117			
–	4.153		4.104			
TBM #1	2340.122				2340.115	TBM #1 EL 2340.115 FB 4144-12 AT ℄ INT 25TH ST W. AVE J 1145' WEST & 29' NORTH OF ℄ INT. SET A S.B. Spk IN TP# K5826Y
+	4.100		4.249			
HI		+0.114	+0.114			
–	3.986		4.135			
T.P.	2340.236					
+	4.648		4.803			
HI		+0.798	+0.796			
–	3.850		4.007			
T.P	2341.034					
+	4.087		4.213			
HI		-0.140	-0.142			
–	4.227		4.355			
T.P.	2340.894					

JOB NO. 5044.46 SURVEY OF W.W.4 AVE J 25W TO 30W NOTES RED
SURVEY BY K. KING DATE
NOTES BY K.K. DATE 4-24-75 NOTES CHKD.
INDEXED J. M. PALMERI DATE [illegible] DATE

F.B. 4144 Pg. 14

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	2340.894					
+	3.923		4.046			
H I		-2.332	-2.332			
−	6.255		6.378			
BMNC 1351	2338.562				2338.538	BMNC 1351 EL 2338.538 FB 3452-168 AT ℄ INT. OF AVE J & 25TH ST. W. A C.S. MON. IN H.H. (NORTH EDGE BRASS CAP)

NOTES RED ____ JOB NO. 5044.46 SURVEY OF W.W.4 AVE J 25W TO 30W
DATE ____ SURVEY BY K. KING
NOTES CHKD. ____ NOTES BY K.K. DATE ____
DATE ____ INDEXED I. M. PALMERI DATE MAY 1 '79

F. B. 4144 PG. 15

F. B. 4144 PG. 16

JOB NO. 5044.46 SURVEY OF W.W. 4 AVE J 25W TO 30W NOTES RED.
SURVEY BY K. KING DATE
NOTES BY K. K. DATE 4-24-75 NOTES CHKD.
INDEXED DATE DATE

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

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765420 S & E-353 4-54

F. B. 4144 PG. 17

Profile No. | Notes Red | Plotted | Job No. 504446 | Division No.
Date | Date | Survey of W.W.4 AVE J 25TH W TO 30TH W
X-Sec. No. | Notes Chk'd. | Checked | Survey by K. KING | Notes KK | Date 4-24-75
Date | Date | Map No. | Indexed B. M. PALMER | Date MAY 1 '75

JN 504446

W.W. DIST. 4

CROSS SECTIONS

ON

AVE J 25TH W TO 30TH W

STATION	B. S.	H. I.	F. S.	ELEV.
		REFERENCE FB 3452	LENKER ROD USED	

PARTY
KING
JERNIGAN
ADAMS

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76-L-298 CE 307 5-66

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40.09

STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
BMNC#1351				2338.538	BMNC#1351 EL: 2338.538 AT ℄ INT. OF AVE J & ~~30TH~~ 25TH ST. W. A C.S. MON. IN H.H. (NORTH EDGE BRASS CAP)	FB 3452-168
0+00				40.23		℄
				40.13	11'L EDGE PAVE	
				39.4	25'L F/L	
				40.3	35'L TOP BERM	
				40.13		13'R EDGE PAVE
				38.6		23'R F/L
				39.5		TOP BRL
				39.6		50'R P/L
1+00				40.29		℄
				40.[illegible]		13'R EDGE PAVE
				39.[illegible]		28'R F/L
				[illegible]		30'R TOP BERM
				39.4		50'R P/L
1+04.5				39.95	21.6'L NO. RIM SSMH	
				29.25	= INV. EL. (− 10.70 RIM TO FL)	
1+05				39.89		16.5'R. SO. RIM SSMH
				29.09	= INV. ELEV	(− 10.80 RIM TO F.L.)

F. B. 4144 PG. 18
Job No. 5044.46 Division No. Notes Red Plotted Profile
Survey of W.W. 4 AVE J 25TH W TO 30TH W Date Date No.
Survey by K. KING Notes K.K. Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date MAY 1 '75 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
1+27				2339 4		50'R Top Ditch
1+31				40 30		℄
				38 51	26.6'L Bot Culvert	
				37 77		24.7'R Bot Culvert
				37 9		50'R Bot Ditch
1+33				39 3		50'R Top Ditch
2+00				[illegible]		℄
				[illegible]	11'L Edge Pave	
				38 7	28'L F/L	
				[illegible]	40'L Top Brk	
				[illegible]		13'R Edge Pave
				[illegible]		28'R F/L
				[illegible]		30'R Top Brk
				39 7		[illegible] F/L
2+50				40 47		℄
				40 25		13'R Edge Pave
				39 0		28'R F/L
				40 0		30'R Top Brk
				40 0		50'R P/L
3+00				2340 70		℄
				40 48		13'R Edge Pave

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5044.46 Division No. ____
Date ____ Date ____ Survey of W.W. 4 AVE J 25th W to 30th W
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by R. King Notes R.K. Date 4-24-75
Date ____ Date ____ Map No. ____ Indexed J. M. PALMERI Date MAY 1 '75

F. B. 4144 Pg. 19

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
3+00				2339 1		27'R F/L
				40 0		30'R TOP BLK
				40 4		50'R P/L
3+50				40 80		℄
				40 [illegible]		13'R EDGE PAVE
				39 2		27'R F/L
				40 2		30'R TOP BLK
				40 3		50'R P/L
4+00				40 95		℄
				40 75		13' R EDGE PAVE
				39 [illegible]		27'R F/L
				40 [illegible]		30'R TOP BLK
				39 9		50'R P/L
4+38				40 55		16.5'R SSMH RIM
				28 45	= INV EL	(-12.10 RIM TO F.L)
4+50				40 98		℄
				[illegible]		13'R EDGE PAVE
				39 [illegible]		27'R F/L
				40 8		30'R TOP BERM
				40 5		50'R P/L
4+75				41 0		50'R TOP Ditch

F. B. 4144 PG. 20

Job No. 5044.46 Division No. Notes Red Plotted Profile

Survey of W.W.4 AVE J 25TH W TO 30TH W Date Date No.

Survey by K. KING Notes K.K. Notes Chk'd. Checked X-Sec.

Indexed L. M. PALMERI Date MAY 1 '75 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
4+80				2339 3		50'R Bot Ditch
4+90				40 6		50'R top Ditch
5+00				40 97		℄
				40 80		13'R EDGE DAVE
				39 4		27'R F/L
				40 1		30'R top Brk
				41 3		36'R top Ditch
				39 6		44'R Bot Ditch
				40 6		55'R top Ditch
5+50				39 4		30'R Bot Ditch
				40 5		45'R top Ditch
5+50				41 08		℄
				40 95		13'R EDGE DAVE
				39 2		27'R F/L
				40 1		30'R Top Brk
				40 8		50'R P/L
6+00				41 05		℄
				40 90		13'R EDGE DAVE
				39 4		27'R F/L
				40 2		30'R Top Brk

Profile Notes Red ____ Plotted ____ Job No. 5044.46 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. 4 AVE J 25th W to 30th W
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 4-24-75
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMERI Date MAY 1 75

F. B. 4144 PG. 21

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F. B. 4144 PG. 22 | Job No. 5044.46 | Division No. | Notes Red | Plotted | Profile

Survey of W.W. 4 AVE J 25TH W TO 30TH W | Date | Date | No.

Survey by K. KING | Notes K K | Notes Chk'd. | Checked | X-Sec.

Indexed L. M. PALMERI | Date NOV 1 '75 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
6+00				2340 1		50'R P/L
6+50				41 12		℄
				40 85		13'R EDGE PAVE
				39 5		27'R F/L
				40 4		30'R TOP BRK
				39 6		50'R P/L
7+00				41 15		℄
				40 85		13'R EDGE PAVE
				39 5		27'R F/L
				40 4		30'R TOP BRK
				40 1		50'R P/L
T. P.				2340 87		
7+50				41 18		℄
				40 93		13'R EDGE PAVE
				39 4		27'R F/L
				40 3		30'R TOP BRK
				40 0		50'R P/L
8+00				41 18		℄
				41 03		13'R EDGE PAVE
				39 2		27'R F/L
				40 8		30'R TOP BRK

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
8+00				2340 4		50'R P/L
8+34				40 46		16.5'R RIM SSMH
				27.26	= INV EL.	(- 13.20 RIM TO FL.)
8+50				40 94		℄
				40 81		13'R EDGE PAVE
				39 3		27'R F/L
				41 1		30'R TOP BRK
—				40 3		50'R P/L
9+00				40 58		℄
				40 33		13'R EDGE PAVE
				38 7		27'R F/L
				39 9		30'R TOP BRK
				40 0		50'R P/L
9+50				40 47		℄
				40 17		13'R EDGE PAVE
				38 8		27'R F/L
				39 7		30'R TOP BRK
				39 0		50'R P/L
10+00				40 34		℄
—			T.P.	40 08		13'R EDGE PAVE
				39 4		27'R F/L

Profile Notes Red ____ Plotted ____ Job No. 50 44 46 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. 4 AVE J 25TH W TO 30TH W
X-Sec. Notes Chk'd. ____ Checked ____ Survey by K. KING Notes K.K. Date 4-24-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMERI Date MAY 1 '75

F. B. 4144 PG. 23

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
10+00				2339 3		30'R TOP Brk
				40 1		50'R P/L
10+50				40 19		℄
				40 04		13'R EDGE PAVE
				38 3		27'R F/L
				39 5		30'R TOP Brk
				39 5		50'R P/L
11+00				40 19		℄
				40 12		13'R EDGE PAVE
				38 4		27'R F/L
				39 [illegible]		30'R TOP Brk
				39 1		50'R P/L
11+50				40 24		℄
				40 04		13'R EDGE PAVE
				38 3		27'R F/L
				39 5		30'R TOP Brk
				39 4		50'R P/L
12+00				40 21		℄
				39 96		13'R EDGE PAVE
				38 5		27'R P/L
				39 2		30'R TOP Brk

F. B. 4144 Pg. 24
Job No. 5044.46 Division No. Notes Red Plotted Profile
Survey of W.W. 4 AVE J 25TH W TO 30TH W Date Date No.
Survey by K. KING Notes K K Notes Chk'd. Checked X-Sec.
Indexed L. M. PALMER Date MAY 1 '75 Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
12+00				2340 6		50'R P/L
12+35				2339 36		17'R RIM SSMH
				26 36	= INV EL	(- 13.00 RIM TO FL.)
12+50				40 16		℄
				39 82		13'R EDGE PAVE
				38 2		27'R F/L
				38 9		30'R TOP BRK
				38 5		50'R P/L
13+00				39 99		℄
				39 86		13'R EDGE PAVE
				38 3		27'R F/L
				39 0		30'R TOP BRK
				38 5		50'R P/L
13+50				39 98		℄
				39 76		13'R EDGE PAVE
				38 1		27'R F/L
				39 0		30'R TOP BRK
				39 1		50'R P/L
14+00				39 92		℄
				39 76		13'R EDGE PAVE
				2338 3		27'R F/L

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5044.46 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. 4 AVE J [illegible] W TO [illegible]
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed T. M. PALMERI Date MAY 1 '75

F. B. 4144 Pg. 25

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
14+00				2338 9		30'R TOP Brk
				39 0		50'R P/L
14+50				39 94		℄
				39 81		13'R EDGE PAVE
				38 [illegible]		27'R F/L
				39 [illegible]		30'R TOP Brk
				38 8		50'R P/L
15+00				39 96		℄
				39 [illegible]		13'R EDGE PAVE
				38 6		27'R F/L
				39 4		30'R TOP Brk
				39 2		50'R P/L
15+50				40 08		℄
				39 88		13' R EDGE PAVE
				39 0		27'R F/L
T.P. [illegible]				39 1		30'R TOP Brk
				39 1		50'R P/L
15+90				40 77		℄
				38 70	26'L Bot Culvert	
				38 26		24'R Bot Culvert

F. B. 4144 Pg. 26

Job No. 3044 46 Division No. Notes Red Plotted Profile

Survey of W.W. 4 AVE J 25TH W TO 30TH W Date Date No.

Survey by K. KING Notes K K Notes Chk'd. Checked X-Sec.

Indexed L. M. PALMER Date MAY 1 '75 Date Date No.

76-L-298 CE 307 5-66

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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.	AVE	J
16+00				2340 28		℄
				40 06		13'R EDGE PAVE
				38 7		27'R F/L
				38 9		30'R TOP BK
				39 0		46'R W. BANK DITCH
				37 6		50'R CTR DITCH
				38 6		54'R E. BANK DITCH
16+50				[illegible]		℄
				[illegible]		13'R EDGE PAVE
				38 8		27'R F/L
				39 2		30'R TOP BK
				[illegible]		50'R F/L
17+00				[illegible]		℄
				39 8'		13'R EDGE PAVE
				38 6		27'R F/L
				39 6		30'R TOP BNK
				39 0		50'R F/L
17+50				40 15		℄
				39 80		13'R EDGE PAVE
				38 4		27'R F/L
				2339 3		30'R TOP BK

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ L. M. PALMER Date MAY 1 '75

F. B. 4144 PG. 27

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
17+50				2338 8		50'R P/L
18+00				40 27		℄
				40 05		13'R EDGE PAVE
				38 3		27'R F/L
				39 4		30'R TOP BRK
				[illegible]		50'R P/L
18+50				40 34		℄
				40 15		13'R EDGE PAVE
				38 5		27'R F/L
				39 7		30'R TOP BRK
				[illegible]		50'R P/L
19+00				40 05		℄
				40 11		13'R EDGE PAVE
				38 5		27'R F/L
				39 6		30'R TOP BRK
				39 6		50'R P/L
19+50				40 30		℄
				40 10		13'R EDGE PAVE
				38 4		27'R F/L
				39 4		30'R TOP BRK
				2339 2		50'R P/L

F. B. 4144 PG. 28 Job No. 5044 46 Division No. Notes Red Plotted Profile
Survey of W.W. & AVE J 25TH W TO 30TH W Date Date No. X-Sec.
Survey by K. KING Notes K K Notes Chk'd. Checked
Indexed J. M. PALMERI Date NOV 1 '75 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
20+00				2340 24		℄
				40 03		13' R EDGE PAVE
				38 5		27' R F/L
				39 4		30' R TOP BRK
				39 6		50' R P/L
20+35				39 35		18' R RIM SSMH
				24 15	= INV EL.	(-15.20 RIM TO F.L)
20 ± 50				40 24		℄
				40 01		13' R EDGE PAVE
				38 6		27' R F/L
				39 8		30' R TOP BRK
				39 2		50' R P/L
21+00				40 26		℄
				40 00		13' R EDGE PAVE
				38 5		27' R F/L
				39 6		30' R TOP BRK
				40 0		50' R P/L
21+50				40 33		℄
				40 19		13' R EDGE PAVE
				38 5		27' R F/L
				2339 4		30' R TOP BRK

Profile Notes Red ____ Plotted ____ Job No. 5044.46 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. 4 AVE J 25 TS W TO 30 TS W
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes K.K. Date 4-24-75
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date NOV 1 75

F. B. 4144 Pg. 29

76-L-298 CE 307 5-66

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F. B. 4144 PG. 30

Survey of W.W. 4 AVE J 25TH W TO 30TH W Job No. 5044.46 Division No.

Survey by K. KING Notes K.K. Notes Red Notes Chk'd. Plotted Profile

Indexed J. M. PALMERI Date MAY 1 Date Date Date Date Checked No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
21+50				23286		50'R P/L
22+00				[illegible]		℄
				40 33		13'R EDGE PAVE
				38 5		27'R F/L
				39 4		30'R TOP BRK.
				38 5		50'R P/L
22+50				40 45		℄
				40 30		13'R EDGE PAVE.
				38 6		27'R F/L
				40 0		30'R TOP BRK
				39 1		50'R P/L
23+00				40 42		℄
				40 17		13'R EDGE PAVE
				38 7		27'R F/L
				39 7		30'R TOP BRK.
				39 9		50'R P/L
23+50				40 50		℄
				40 12		13'R EDGE PAVE
				38 5		27'R F/L
				39 5		30'R TOP BRK
				23396		50'R P/L

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
24+00				23 40 65		℄
				40 40		13'R EDGE PAVE
				38 6		27'R F/L
				39 9		30'R TOP BRK.
				39 6		50'R P/L
24+37				40 02		17.5'R RIM SSM
				23 22		(- 16.80 RIM TO F/L)
24 ± 50				40 65		℄
				40 40		13'R EDGE PAVE
				38 6		27'R F/L
				39 7		30'R TOP BRK
				39 7		50'R P/L
25+00				40 58		℄
				40 23		13'R EDGE PAVE
				38 3		27'R F/L
				39 9		30'R TOP BRK
				39 4		50'R P/L
25+50				40 62		℄
				40 28		13'R EDGE PAVE
				39 0		27'R F/L
				23 40 0		30'R TOP BRK

Profile Notes Red ____ Plotted ____ Job No. 5044.M6 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W 4 AVE J 25th W to 30th W
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed M. PALMER Date NOV 1 '75

F. B. 4144 PG. 31

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
25+50				2339.4		50'R P/L
26+00				40.70		℄
				40.50		13'R EDGE PAVE
				38.8		27'R F/L
				39.6		30'R TOP BRK
				39.8		50'R P/L
26+50				40.78		℄
				40.52		13'R EDGE PAVE
				38.6		27'R F/L
				39.7		30'R TOP BRK
				39.4		50'R P/L
27+00				40.79		℄
				40.48		13'R EDGE PAVE
				38.5		27'R F/L
				39.8		30'R TOP BRK
				39.2		50'R P/L
27+50				40.76		℄
				40.44		13'R EDGE PAVE
				38.7		27'R F/L
				39.6		35'R TOP BRK
				2339.3		50'R P/L

F. B. 4144 PG. 32

Job No. 5044.46 Division No. Notes Red Plotted Profile

Survey of N.W. 4 AVE J 25TH W TO 30TH W Date Date No.

Survey by K. KING Notes KK Notes Chk'd. Checked X-Sec.

Indexed T. M. PALMER Date MAY 1 '75 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
27+88				2339 4		50'R E. BANK Ditch
27+91				40 79		℄
				38 49	24.5'L Bot Culvert	
				37 87		36'R Bot Culvert
				38 5		50'R Bot Ditch
27+94				39 3		50'R W. BANK Ditch
28+00				40 83		℄
				40 32		22'R EDGE PAVE
				39 8		50'R FLAT
28+31				40 87		℄
28+35				40 70	−19.25 = INV = 21.45	15'R RIM SSMH
28+65				40 1		50'R E. BANK Ditch
28+70				41 02		℄
				39.02	24.5'L Bot Culvert	
				38 27		36'R Bot Culvert
				38 3		50'R Bot Ditch
28+75				40 0		50'R W. BANK Ditch
29+00				41 10		℄
				41 02	12'L EDGE PAVE	
				39 2	25'L Bot Ditch	
				40.8	30'L TOP Brk	

Profile Notes Red ____ Plotted ____ Job No. 5044.46 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. 4 AVE J 2578 W TO 3038 W
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed M. PALMERI Date MAY 1 '75

F.B. 4144 Pg. 33

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
29+00				2340 6	50' L FLAT	
				40 56		12' R EDGE PAVE
				39 5		20' R F/L
				40 6		36' R TOP BRK
				40 1		50' R FLAT
0+50 So.	on	30TH W.		41 30		℄
				41 25		13' R
				40 1		30' R F/L
				41 [illegible]		35' R TOP BRK
				41 0		53' R FLAT
1+00 So.	on	30TH W.		41 58		℄
				41 35		13' R EDGE PAVE
				40 5		30' R F/L
				41 [illegible]		35' R TOP BRK
				41 1		50' R FLAT
TBM # 2				2340 68	TBM # 2 EL AT INT OF AVE J & 30TH ST. W. 5' WEST & 15' NORTH OF ℄ INT. A P.M. IN SO. RIM S.S. MH.	FB 4144 - 13

F. B. 4144 PG. 34 Job No. 5044.46 Division No. Notes Red Plotted Profile
Survey of W.W. 4 AVE J 25TH W TO 30TH W Date Date No.
Survey by K. KING Notes K K Notes Chk'd. Checked X-Sec.
Indexed L. M. PALMERI Date NOV 1 75 Date Date No.

Notes Ck'd by Toy 6-75	Survey of W.W. DIST. #4
Map No. [redacted]B-5862	JN 504448 Tape 305 Std 84 °F
Office Work B. GOINS	Surveyed by MENDONCA
Checked TOY	Notes J.M. Date 5-75
Date 3-3-76	Indexed T. M. PALMER JUN 3 '75

F. B. 4144 Pg. 35

J.N. 504448

WATERWORKS DIST. #4

RESERVOIR SITE
AT
60TH ST. W. & AVE. M-11

BOUNDARY SURVEY

Note

Parcel # 57-3 is from Deed 2852 BK D5226 pg. 995

MENDONCA
BITTEL
RITTER
SIDWELL

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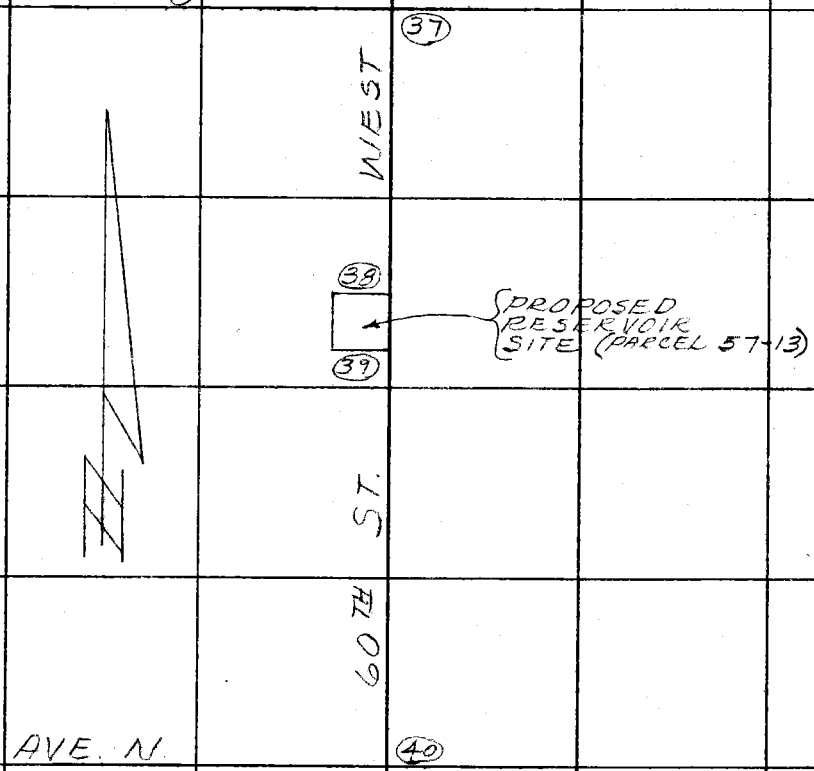
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 4144 PG. 36



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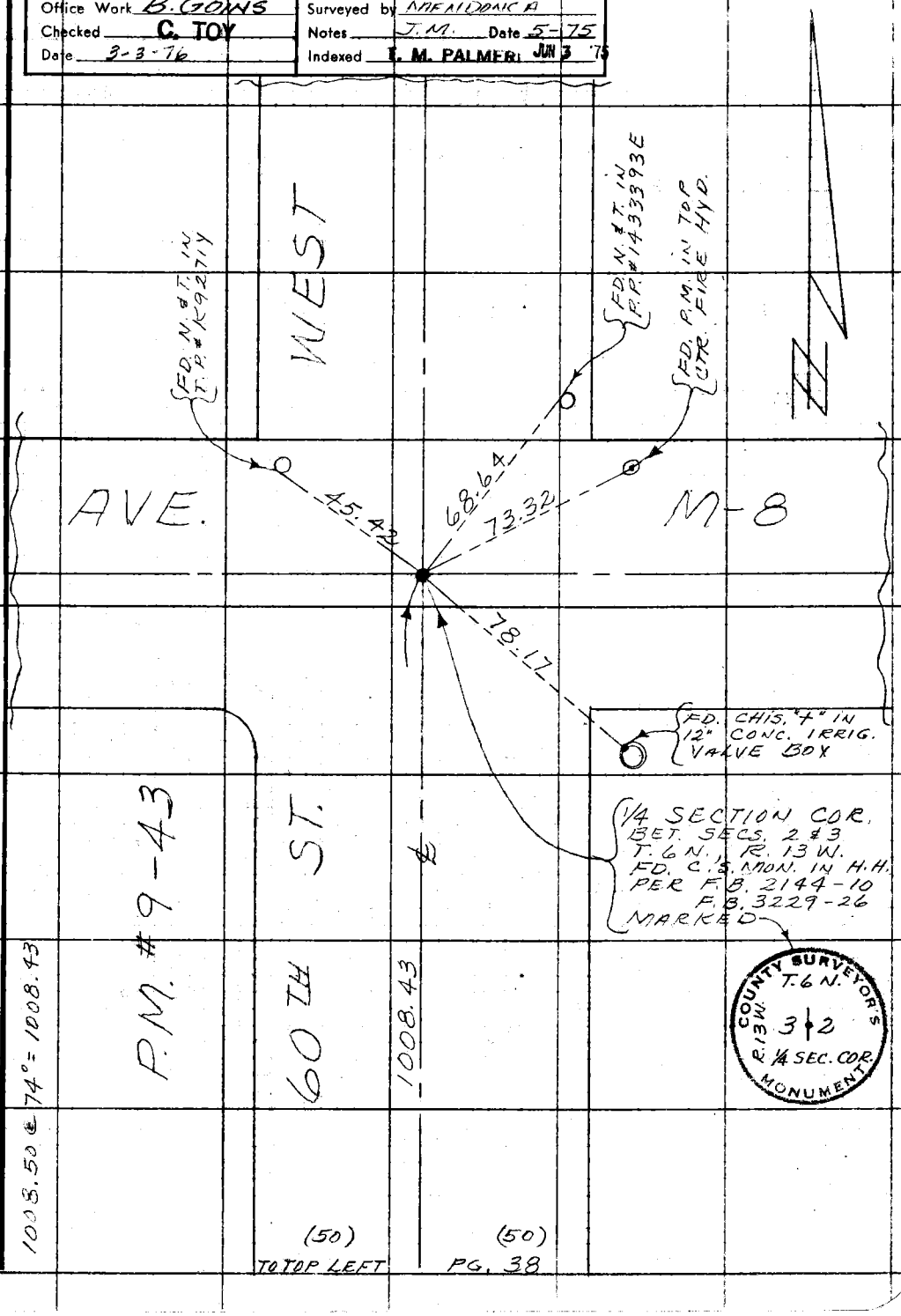
Notes Ck'd by C. Toy 6-76	Survey of W.W. DIST. #4
Map No. C.S.B. 5262	JN 507448 Tape 305 Std 84 °F
Office Work B. GOINS	Surveyed by MAEALDONICA
Checked C. TOY	Notes J.M. Date 5-75
Date 3-3-76	Indexed T. M. PALMER JUN 3 '75

F. B. 414 PG. 37



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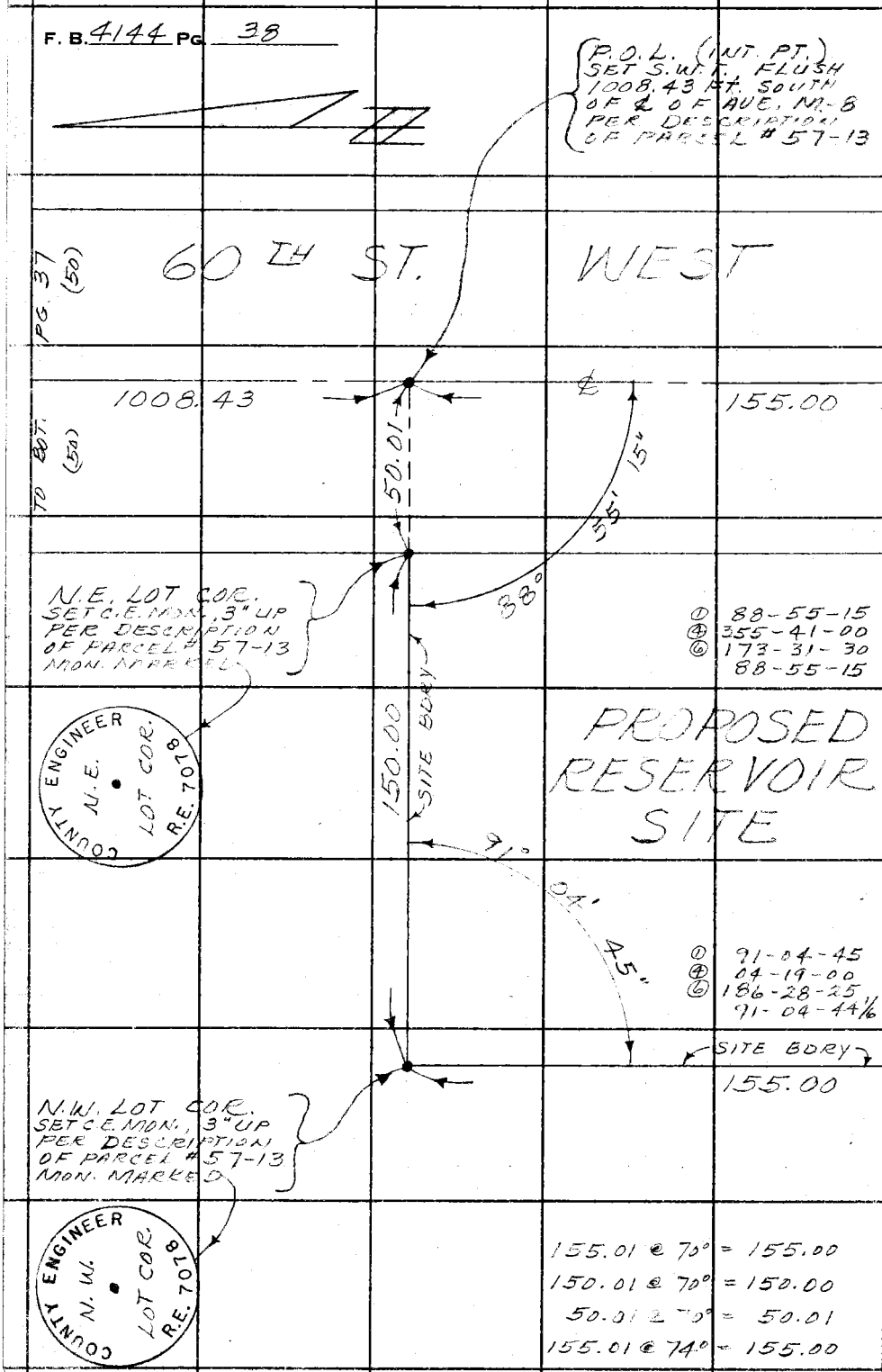
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 4144 PG. 38



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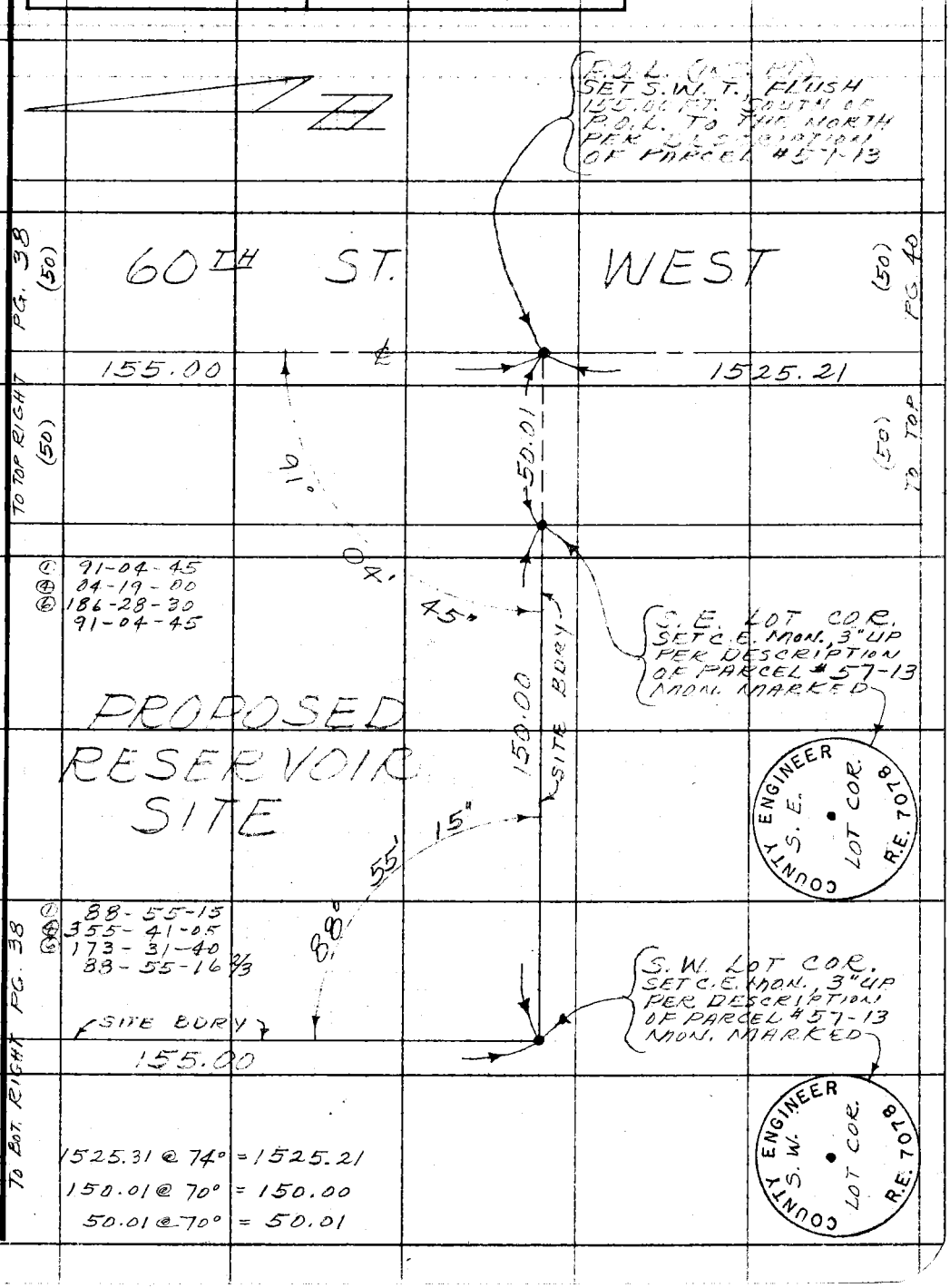
Notes Ck'd by C. TOY 6-75	Survey of W.W. DIST. #1	F. B. 4144 PG. 39
Map No. C.S.B-5262	JN 504448 Tape 205 Std 84 °F	
Office Work B GOINS	Surveyed by MENDONCA	
Checked C. TOY	Notes J.M. Date 5-75	
Date 3-3-76	Indexed T. M. PALMATI JUN 3 '75	



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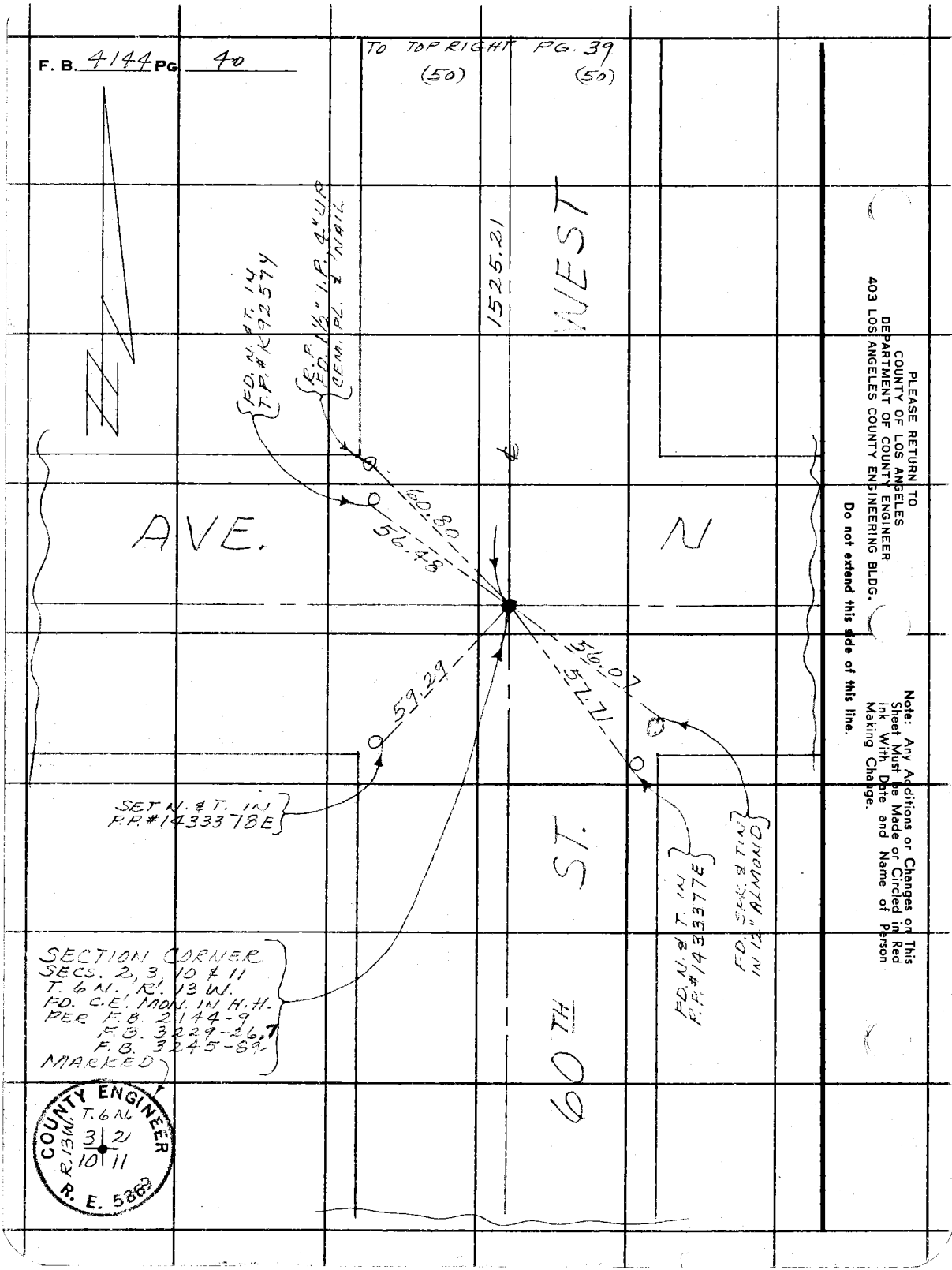
76F309S CE#310 3-69

F. B. 4144 PG 40



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F. B. 4144 PG. 41

Profile No.	Notes Red	Plotted	Job No. 5044.48	Division No.	
	Date	Date	Survey of RESERVOIR SITE WW #4		
X-Sec. No.	Notes Chk'd. Zey	Checked	Survey by HCN	Notes HCN	Date MAY 28-75
	Date 6-[illegible]	Date	Map No.	Indexed T. M. PALMER	Date JUN 3 '75

J.N. 5044.48

WATERWORKS DIST #4
RESERVOIR SITE
AT
60TH ST. W. & AVE "M-11"

BENCH LEVELS

HUBBARD
ALBRIGHT
TALBOT

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM #112-5A				2730.792	FD. 1973 adj BM 112-5A ELEV. 2730.792 ANTELOPE VALLEY-QUARTZ HILL AREA @ AVE N & 60TH ST. W. 9.0' E. of ℄ 60TH ST. W., 90.8' N. ℄ AVE N. L.A. Co. Rd. DEPT. B.M. MON. MKD. L.A. CO. RD. DEPT. BM 1958 SET 9" below the SURFACE, IN H-H.	F.B. 2441-11
+	1.288					
⊼		2732.080				
−			10.485			
TP				2721.595		
+	0.522					
⊼		2722.117				
−			10.168			
TP				2711.949		
+	0.968					
⊼		2712.917				
−			10.225			
TP				2702.692		
+	0.402					
⊼		2703.094				
−			11.098			
TP				2691.996		

F. B. 4144 PG. 42 Job No. 5044.48 Division No. Notes Red Plotted Profile
Survey of WW #4 Date Date No.
Survey by HCH Notes HCN Notes Chk'd. Toy Checked X-Sec.
Indexed Date MAY-75 Date 6-75 Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP				2691.996		
+	0.482					
⊼		2692.478				
–			10.385			
TP				2682.093		
+	0.278					
⊼		2682.371				
–			10.620			
TP				2671.751	E OF POINT	
+	0.790					
⊼		2672.541				
–			11.465			
TP				2661.076		
+	0.530					
⊼		2661.606				
–			10.168			
TP				2651.438		
+	0.260					
⊼		2651.698				
–			10.048			
TP				2641.650		

Profile Notes Red_____ Plotted_____ Job No._____ Division No._____
No._____ Date_____ Date_____ Survey of W W #4
X-Sec. Notes Chk'd. TBM Checked_____ Survey by_____ Notes_____ Date MAY 75
No._____ Date 6-75 Date_____ Map No._____ Indexed_____ Date_____

5044-43

F. B. 1144 PG. 43

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP				2641.650		
+	0.535					
⊼		2642.185				
−			9.825			
TP				2632.360		
+	1.090					
⊼		2633.450				
−			10.480			
TP				2622.970		
+	0.790					
⊼		2623.760				
−			9.740			
~~BM112-6~~ T.P.				2614.020	FD. UNSTABLE AREA BM 112-6 ELEV. 2613.931 FB 2441-12 ANTELOPE VALLEY - QUARTZ HILL AREA AT ℄ INT. OF 60TH ST. W. & AVE M-8 45.5' S.E. OF PP#K9271Y, 37.0' S.W. OF TP# 632607E. A PRECAST MON STAMPED "COUNTY SURVEYOR MON. R13W T6N 3, 2" SET 12 INCHES below surface & IN H.H.	
+	9.838					
⊼		2623.858				
−			0.895			
TP				2622.963		

F. B. 4144 PG. 44 Job No. 5044.48 Division No. Notes Red Plotted Profile
Survey of WW #4 Date Date No.
Survey by HCH Notes HCH Notes Chk'd. Toy Checked X-Sec.
Indexed Date MAY 75 Date 6-75 Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S. FOR SIGHT	ELEV.		
T.P.				2622.963		
+	10.250					
π		2633.213				
−			0.855			
T.P.				2632.358		
+	9.652					
π		2642.010				
−			0.362			
T. P.				2641.648		
+	10.090					
π		2651.738				
−			0.302			
T.P.				2651.436		
+	10.242					
π		2661.678				
−			0.598			
T.P.				2661.080		
+	11.445					
π		2672.525				
−			0.770			
T.P.				2671.755		

Profile Notes Red ____ Plotted ____ Job No. 5044.48 Division No. ____
No. ____ Date ____ Date ____ Survey of WW #4
X-Sec. Notes Chk'd. Joy Checked ____ Survey by HCA Notes NCK Date MAY-75
No. ____ Date 6-75 Date ____ Map No. ____ Indexed V. M. PALMER Date JUN 3 '75

F. B. 4144 PG. 45

76-L-298 CE 307 5-66

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F. B. 4144 Pg. 46 Job No. 5344.48 Division No. Notes Red Plotted Profile
Survey of WW #4 Date Date No.
Survey by HCH Notes HCH Notes Chk'd. TDV Checked X-Sec.
Indexed Date MAY 75 Date 6-75 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. W. & AVE "M-11"	
T.P.				2671.755		
+	6.800					
⊼		2678.555				
–			4.845			
N.E. COR				2673.710	N.E. COR RESERVOIR SITE ELEV. FO. CE. MON. 3" UP PER FB 4144-39 @ 60TH ST. W. & AVE M-11	FB 4144-46
+	4.920					
⊼		2678.630				
–			4.242			
N.W. COR.				2674.388	N.W. COR RESERVOIR SITE ELEV. FO. CE. MON 3" UP PER FB. 4144-39 60TH ST. W. & AVE M-11.	FB 4144-46
+	11.642					
⊼		2686.030				
–			3.040			
S.W. COR.				2682.990	S.W. COR RESERVOIR SITE ELEV. FO. CE MON 3" UP PER FB. 4144-38 60TH ST. W & AVE M-11.	FB 4144-46
+	5.212					
⊼		2688.202				
–			7.362			
S.E. COR.				2680.840	S.E. COR RESERVOIR SITE. ELEV. FO. C.E. MON 3" UP PER FB. 4144-38 60TH ST. W. & AVE M-11	FB. 4144-46
+	5.155					
⊼		2685.995				
–			3.895			
TP				2682.100		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				2682.100		
+	10.908					
⊼		2693.008				
−			1.002			
T.P.				2692.006		
+	11.088					
⊼		2703.094				
−			0.400			
T P				2702.694		
+	10.425					
⊼		2713.119				
−			1.118			
T.P.				2712.001		
+	10.218					
⊼		2722.219				
−			0.578			
T.P.				2721.641		
+	11.332					
⊼		2732.973			0.006	
−			2.175			
BM 112-5A				2730.798	FD BM 112-5A ELEV 2730.792	F.B. 2730.792 (SEE PG 42)

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. #4
X-Sec. Notes Chk'd. Tony Checked ____ Survey by HCH Notes HCH Date HCH
No. ____ Date 6-25 Date ____ Map No. ____ Indexed ____ Date MAY 7 3 75

5044.45

F.B. 4144 PG. 47

F. B. 4144 Pg. 48 | 5044, 48

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

Survey of WW #4 Date _____ Date _____ No. _____

Survey by HCH Notes HCH Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date MAY 75 Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

Notes Ck'd by	Survey of WW4 AVE K-8
Map No.	JN 5043.43 Tape 019 Std 68 °F
Office Work	Surveyed by K. KING
Checked	Notes KK Date 6-30-75
Date	Indexed

F. B. 414 PG. 49

JN 5043.43

WW # 4

AVE K-8 20TH W. TO 25TH W

&

22nd ST W. 700' SO of K-8

PARTY
KING
JERNIGAN
ADAMS

NOTE
RED DOTS REPRESENT
1X1 STKS & TINS OR
SPKS & TINS ON 4'
OFFSET AS SHOWN

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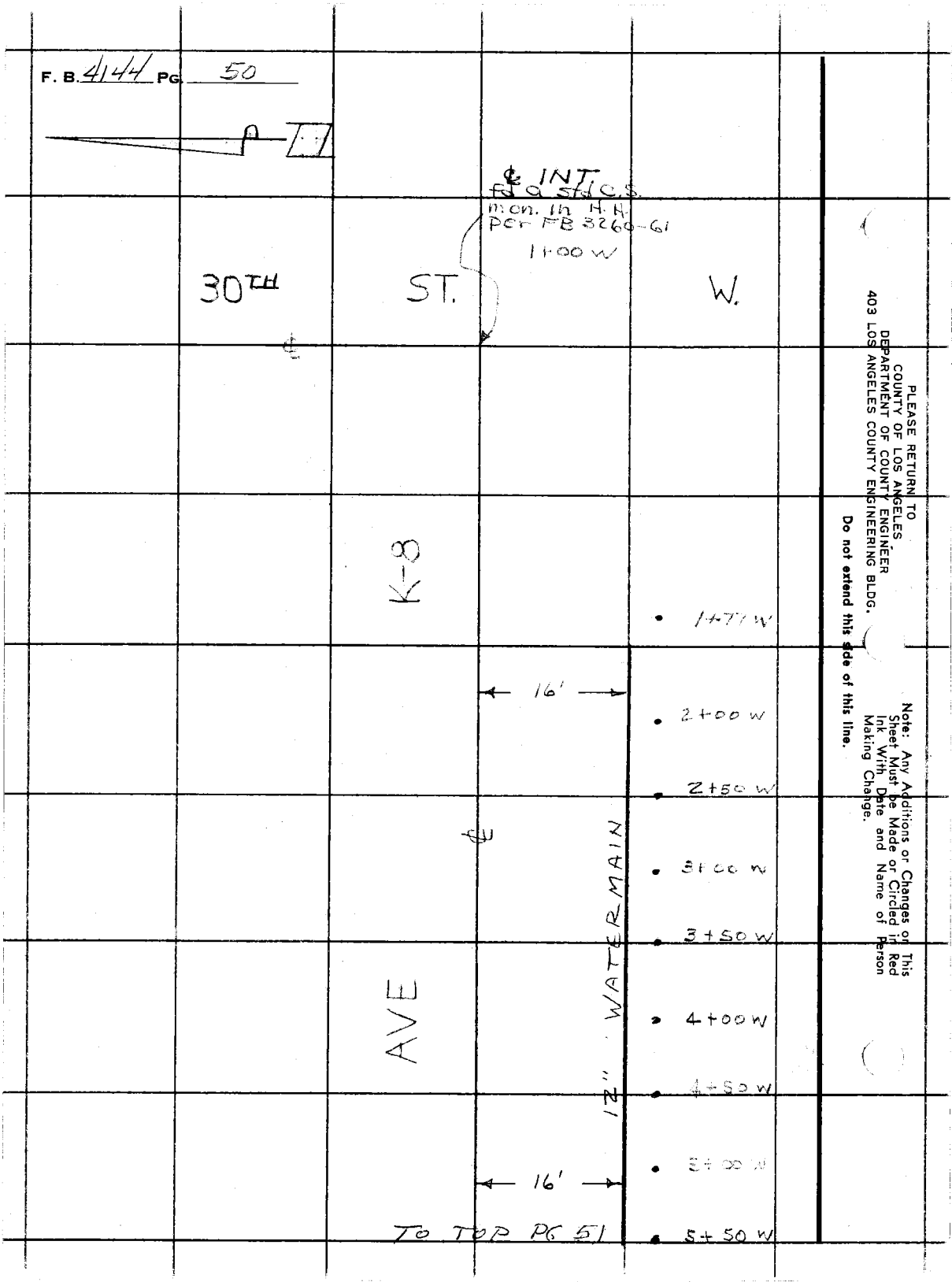
76F309S CE#310 3-69

F. B. 4144 PG. 50



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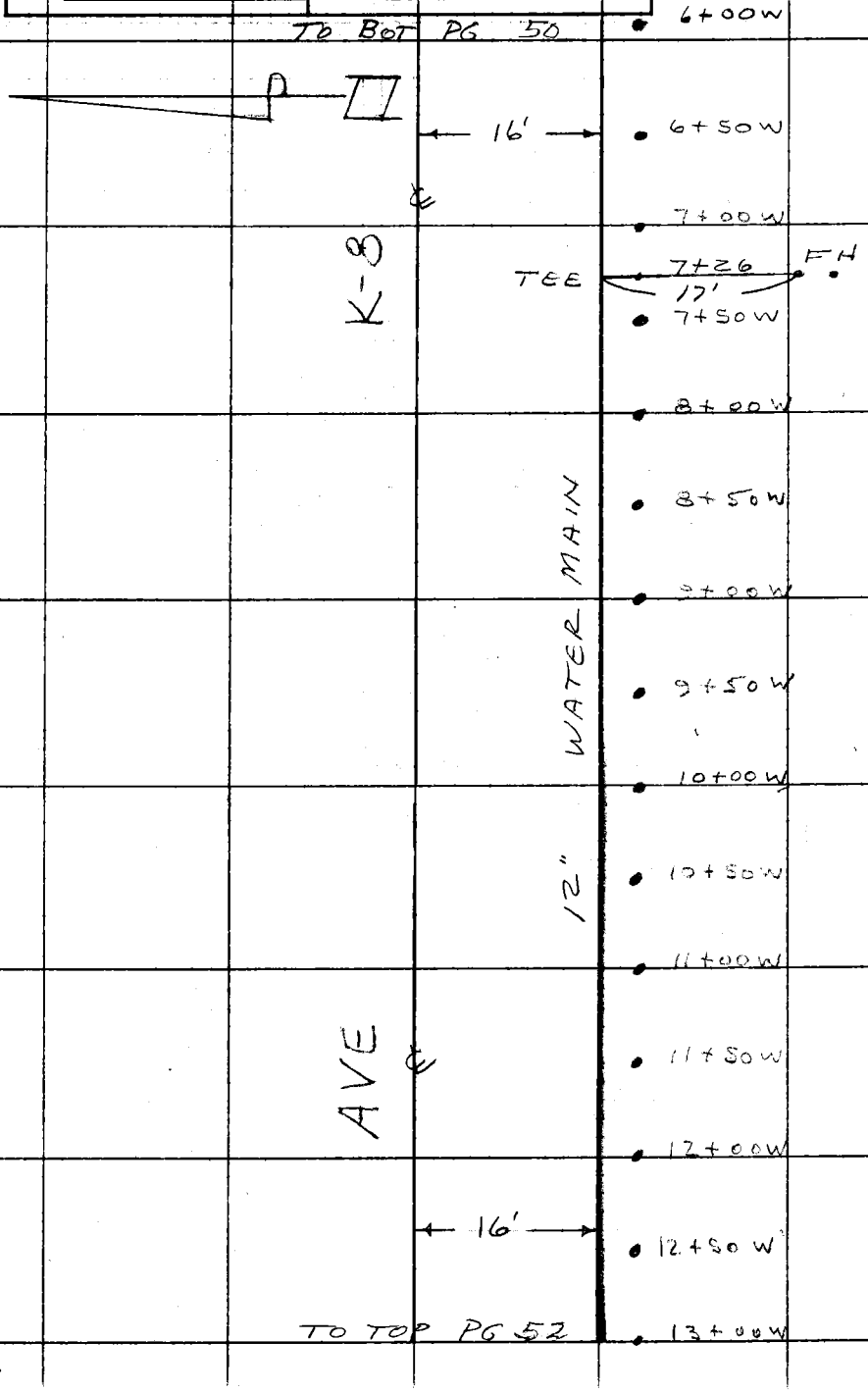
Notes Ck'd by	Survey of W.W. 4 AVE K-8
Map No.	JN 5043.43 Tape 019 Std 68 °F
Office Work	Surveyed by K KING
Checked	Notes KK Date 6-30-75
Date	Indexed

F. B. 4144 PG. 57



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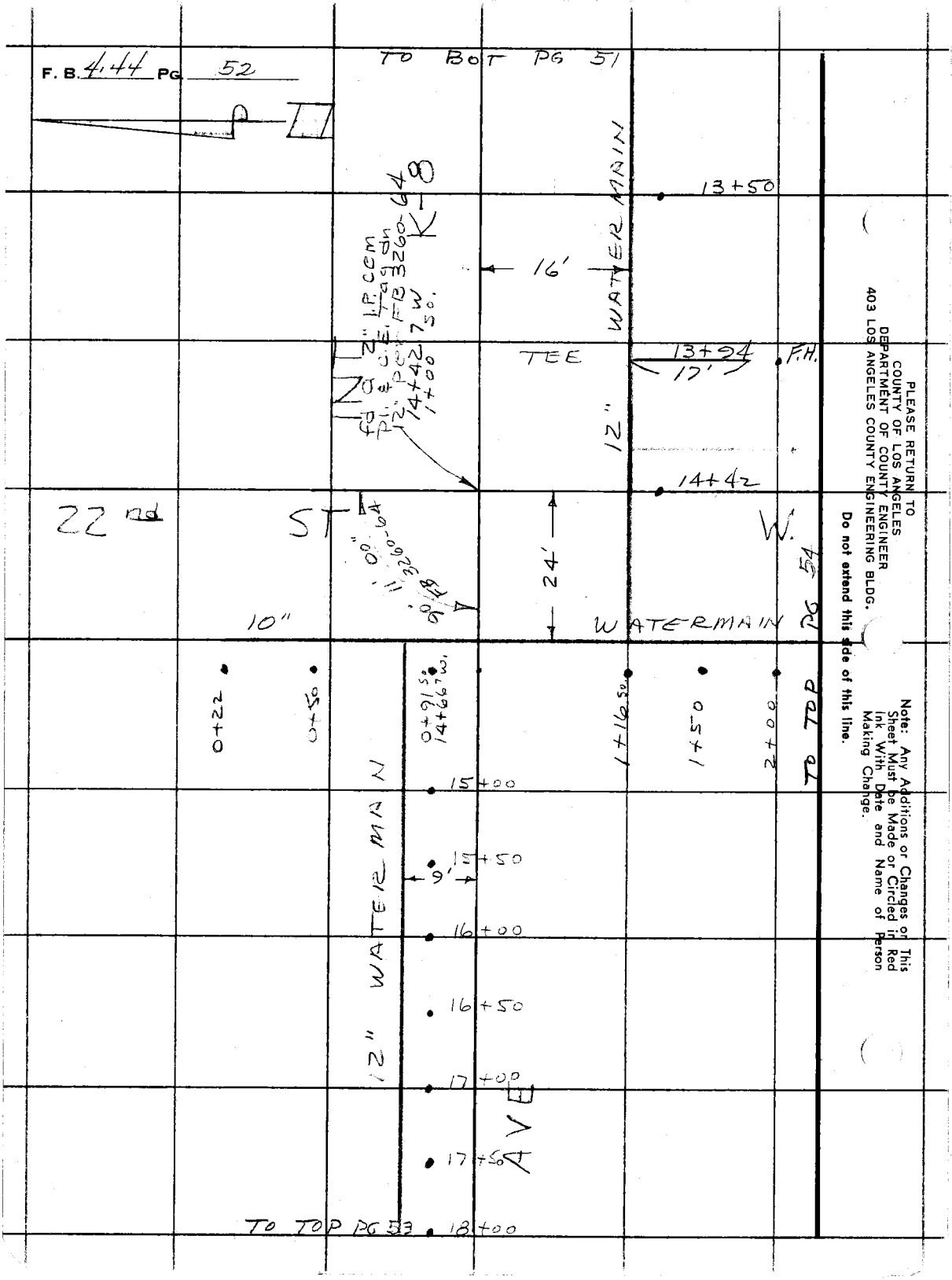
76F309S CE#310 3-69



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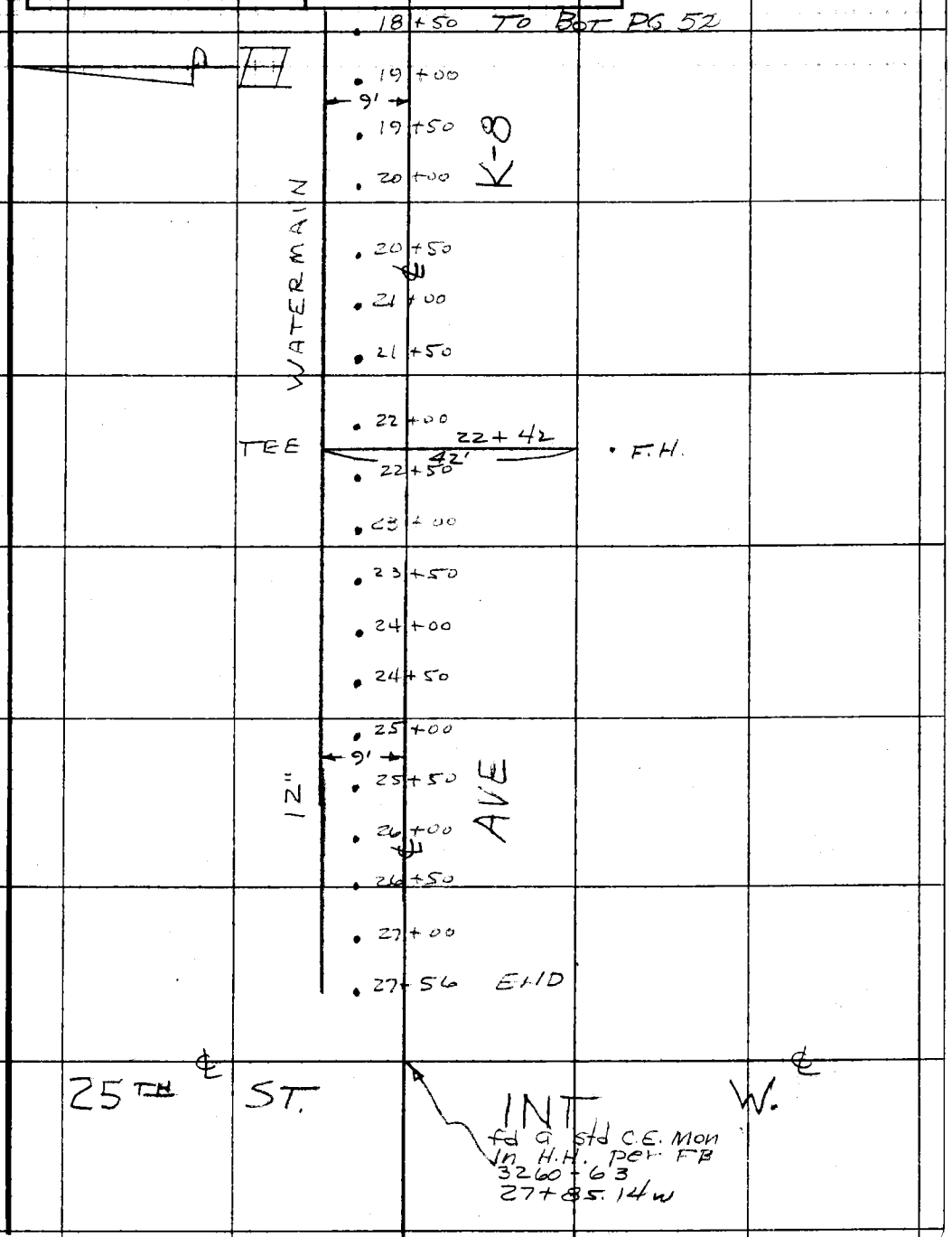
Notes Ck'd by	Survey of WW4 AVE K-8
Map No.	JN 5043.43 Tape 019 Std 68 °F
Office Work	Surveyed by K. KING
Checked	Notes KK Date 6-30-75
Date	Indexed

F. B. 4.44 PG. 53



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76F309S CE#310 3-69

F. B. 4144 PG. 54 TO RT PG 52

2+50

3+00

← 24' →

3+50

W.

4+00

4+50

℄

5+00

WATER MAIN

5+50

ST

6+00

6+50

10"

7+00

22nd

← 24' →

7+50

END 8+00

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F. B. 4111 PG. 55

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5043.13 Division No. ____
Date ____ Date ____ Survey of W.W.4 K-8 20TH W TO 25TH W
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by K. KING Notes KK Date 6-30-75
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

JN 5043.13

PROFILE OF WATER
MAIN IN AVE K-8
ALSO 22nd ST W.

PARTY
KING
JERNIGAN
ADAMS

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

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76-L-298 CE 307 5-66

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F. B. 2144 Pg. 56 | Job No. 5043-43 | Division No. | Notes Red | Plotted | Profile

Survey of W.W. 4 AVE K-8 20TH W TO 25TH W Date | Notes Chk'd. | Date | No. | X-Sec.

Survey by K. KING Notes K K Date | Checked | Date | No.

Indexed

STATION	B. S.	H. I.	F. S.	ELEV.	22nd ST W.			
BM 22-K8				2415.04	TBM 22-K8 EL = 2415.044 FB 3896-20 AT 22nd ST. W. & AVE K-8 40± W & 20'± No. & INT. fd. A B.S. & W. IN TP. & GT 21260			
					GRADE Bot. DITCH	CUT		
0+22				13 76	2408.30	5.46	set	1X1 stk & tin
0+50				13 74	2408.40	5.34	4' R	or west.
0+91	TEE			13 77	2408.53	5.24		
1+16	TEE			14 31	2408.60	5.51		
1+50				14 65	2409.10	5.55		
2+00				14 94	2409.60	5.34		
2+50				15 82	2410.10	5.72		
3+00				16 74	2410.70	6.04		
3+50				16 33	2411.20	5.63		
4+00				17 34	2411.70	5.64		
4+50				17 64	2412.20	5.44		
5+00				18 27	2412.70	5.57		
5+50				18 54	2413.20	5.34		
6+00				19 17	2413.70	5.47		
6+50				19 44	2414.30	5.14		
7+00				19 83	2414.70	5.13		
7+50				20 35	2415.80	4.55		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT DITCH	CUT	22nd ST W.
8+00				2420 95	2416.90	4.05	Set spk & tin 4'R or west.
BM 22-K8				2415 05	BM 22-K8 EL = 2415.044 FB 3896-20 AT 22nd ST. W. & AVE K-8 40'W & 20'± N & INT Fd a BS & W IN TP # GT 21260		
BMNC 1241				2416 .31	BMNC 1241 EL 2416.31 FB 3896-20 AT 25TH ST. W. & AVE K-8 186'± No. & 288'± W. & INT. A CE MON AT N.W. COR WELL SITE #28 SET FL.		
					GRADE BOT DITCH	CUT	AVE K-8
27+56	END	JOB		15 49	2410.27	5.22	set a 1x1 stk & tin
27+00				15 76	2410.32	5.44	4' L. or So.
26+50				15 59	2410.27	5.32	
26+00				15 39	240.22	5.17	
25+50				15 44	2410.07	5.37	
25+00				15 27	2409.92	5.35	
24+50				15 39	2409.92	5.47	
24+00				15 44	2409.92	5.52	
23+50				15 00	2409.82	5.18	
23+00				15 43	2409.92	5.51	
22+50				15 53	2409.92	5.61	
22+42	TEE	TO	FH	15 49	2409.92	5.57	
22+00				15 14	2409.92	5.22	
21+50				15 77	2409.92	5.25	
21+00				2416 14	2410.92	5.22	

Profile Notes Red ____ Plotted ____ Job No. 5043.43 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. #4 AVE K-8 20th W. to 25th W.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by K. KING Notes KK Date 6-30-75
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 4144 PG. 57

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT DITCH	CUT	AVE K-8
20+50				2416 23	241100	523	set a 1x1 stk & tin
20+00 x				16 29	241109	520	4' L or So
19+50				16 12	241078	534	
19+00				15 66	241046	520	
18+50				15 33	241019	514	
18+00				15 13	240992	521	
17+50				15 01	240967	534	
17+00				14 52	240932	520	
16+50				13 93	240880	516	
16+00				13 76	240862	514	
15+50				13 70	240852	518	
15+00				13 70	240842	528	
14+66 ?				13 77	240853	524	
BM 22-K8				15 02			BM 22-K8 EL=2415.04 FB 3896-20 AT 22nd ST W & AVE K8 40±' W & 20'± No & INT A BS & W IN TP# GT 21260
14+42 ?	[illegible]			14 37	240862	575	
13+94	TEE TO FH			14 40	240880	560	
13+50				14 48	240897	551	
13+00				14 54	240912	542	
12+50				2414 38	240921	517	

F. B. 4144 Pg. 58

Job No. 5043.43 Division No. Notes Red Plotted Profile

Survey of W.W. 4 AVE K-8 20th W to 25th W Date No. X-Sec.

Survey by K KING Notes K K Notes Chk'd. Checked

Indexed Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. DITCH	CUT	AVE K-8
12+00				24[illegible]	2408.7[illegible]	5.4[illegible]	Set a 1x1 stk & tin
11+50				13 87	2408.62	5.25	4' L or So.
11+00				13 74	2408.52	5.22	
10+50				13 70	2408.57	5.13	
10+00				13 81	2408.64	5.1[illegible]	
9+50				13 86	2408.67	5.19	
9+00				13 86	2408.[illegible]	5.14	
8+50				14 52	2408.67	5.85	
8+00				14 64	2408.62	6.02	
7+50				14 47	2408.62	5.85	
7+26	TEE TO F.H.			14 47	2408.62	5.85	
7+00				14 36	2408.62	5.74	
6+50				14 24	2408.62	5.62	
6+00				14 15	2408.62	5.53	
5+50				14 11	2408.77	5.34	
5+00				14 32	2408.92	5.40	
4+50				14 41	2408.87	5.54	
4+00				14 23	2408.82	5.41	
3+50				14 18	2408.87	5.31	
3+00				14 07	2408.92	5.15	
2+50				14 18	2409.37	4.81	

Profile Notes Red ____ Plotted ____ Job No. 5043.43 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. 4 AVE K-8 20th W to 25th W
X-Sec. Notes Chk'd. ____ Checked ____ Survey by K. KING Notes LL Date 7-1-75
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 4144 PG. 59

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+00				2414 55	2409.82 47.3	
1+77				14 69	2410.02 46.7	
BM 20-K8				2415 91	BM # 20 K-8 EL = 2415.876 FB 3896-20 At 20th St. W. + Ave K-8 30' ± W + 30' ± No ℄ int. set B/spk + W in P.P. # 907790E	

F. B. 4144 PG. 60

Job No. 5043.43 Division No. Notes Red Plotted Profile

Survey of W.W. #4 AVE K8 20th W to 25th W Date Date No.

Survey by K. Kirk Notes KK Notes Chk'd. Checked X-Sec.

Indexed Date Date Date No.

Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 5044.47 Tape 205 Std 84 °F
Office Work	Surveyed by
Checked E. DUVERNAY	Notes Date
Date 8/19/75	Indexed G. D. BAILEY AUG 19 '75

F. B. 4144 PG. 61

J.N. 5044.47
WATERWORKS DIST. #4
60TH ST. W. & AVE. M
LOCATION OF IMPROVEMENTS

60TH ST. W.
FROM: AVE. N
TO: AVE. L-2
(WEST SIDE ONLY)

&

AVE. M
FROM: 60TH ST. W.
TO: 1500 FT. WSTLY
(SOUTH SIDE ONLY)

SPEC. # WWD 4-541

MENDONCA
BITTEL
RITTER
SIDWELL

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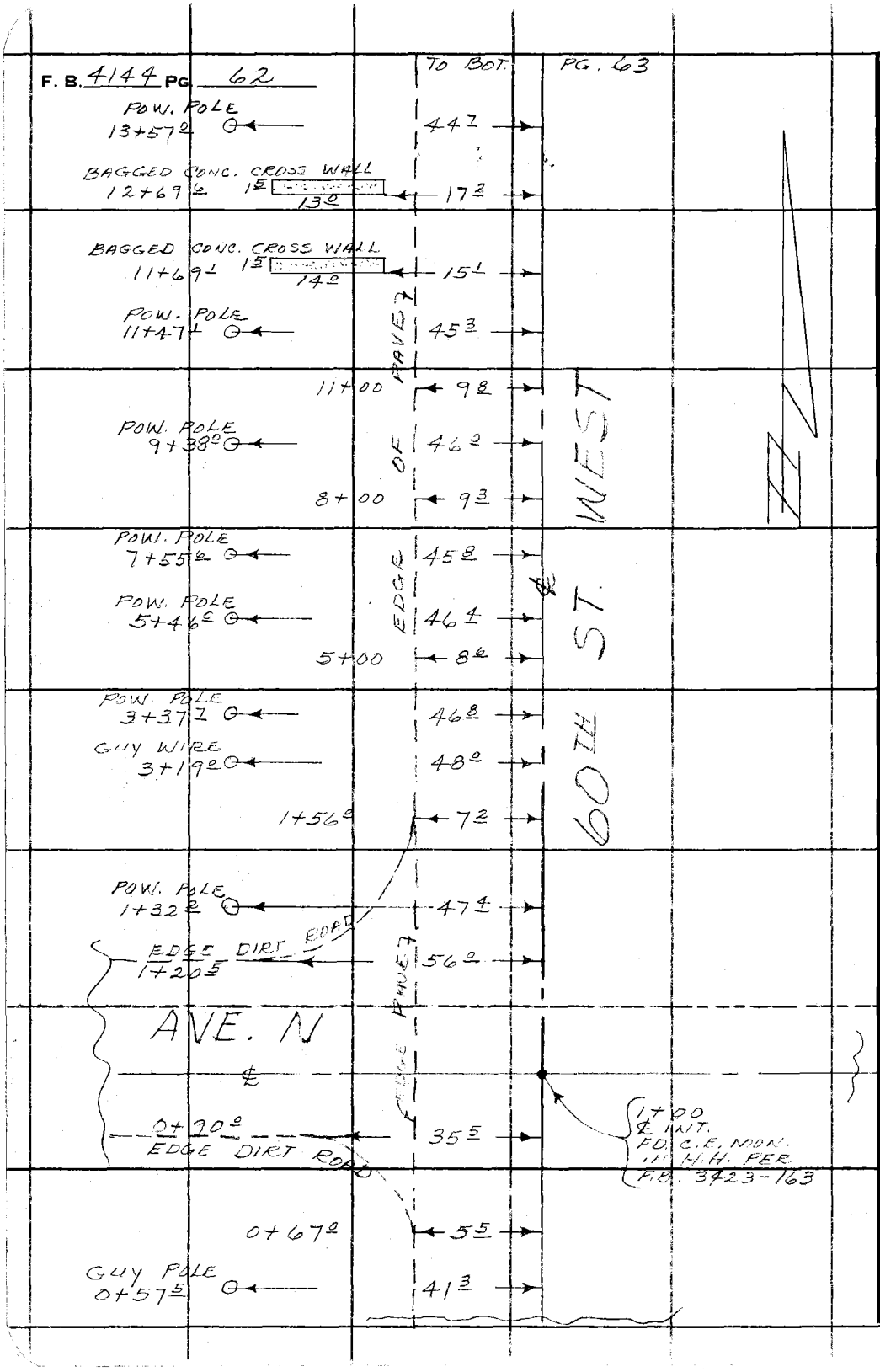
76F309s CE#310 3-69



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Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 504447 Tape 205 Std. 84 °F
Office Work	Surveyed by MENDONCA
Checked E. DUVERNAY	Notes J.M. Date 7-15
Date 8/19/76	Indexed G.D. BAILEY 19 '75

F. B. 4144 PG. 63

TO BOT. PG. 64

POW. POLE
21+04 4 ← 44 4 →

BAGGED CONC. CROSS WALL
20+69 4 1.5 14 3 ← 18 0 →

20+00 ← 9 6 →

BAGGED CONC. CROSS WALL
19+69 6 1.5 14 0 ← 17 7 →

POW. POLE
19+24 1 ← 45 0 →

BAGGED CONC. CROSS WALL
18+68 5 1.5 14 0 ← 17 0 →

BAGGED CONC. CROSS WALL
17+69 7 1.5 12 2 ← 17 2 →

POW. POLE
17+65 7 ← 44 6 →

17+00 ← 9 3 →

BAGGED CONC. CROSS WALL
16+70 0 1.5 13 8 ← 14 8 →

BAGGED CONC. CROSS WALL
15+68 3 1.5 13 2 ← 16 3 →

POW. POLE
15+66 9 ← 44 8 →

BAGGED CONC. CROSS WALL
14+70 0 1.5 14 0 ← 16 2 →

14+00 ← 9 5 →

BAGGED CONC. CROSS WALL
13+70 1 1.5 13 5 ← 16 0 →

TO TOP PG. 62

EDGE OF PAVEMENT

℄ 60TH ST. WEST

N

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76F309S CE#310 3-69

F. B. 4144 PG. 64

TO BOT. PG 65

28+33.4 ← 8.8 →

POWI. POLE
28+10.9 ← 40.0 →

EDGE OF PAVE.
28+00.0 ← 49.0 →

AVE. M-8

℄

27+88.78
℄ INT.
FD. C.S. MON.
IN H.H. PER
F.B. 3423-160

27+77.0
EDGE OF PAVE ← 45.5 →

27+57.1 ← 8.4 →

BAGGED CONC. CROSS WALL
26+66.7 1.5 12.6 ← 16.6 →

POWI. POLE
26+43.5 ← 42.5 →

26+00 ← 9.5 →

BAGGED CONC. CROSS WALL
25+67.4 1.5 15.0 ← 17.2 →

BAGGED CONC. CROSS WALL
24+67.8 1.5 14.7 ← 17.2 →

POWI. POLE
24+65.5 ← 43.2 →

BAGGED CONC. CROSS WALL
23+68.8 1.5 15.5 ← 17.6 →

23+00 ← 9.8 →

EDGE OF PAVE

60TH ST. WEST

POWI. POLE
22+84.1 ← 44.0 →

BAGGED CONC. CROSS WALL
22+67.9 1.5 13.0 ← 18.5 →

BAGGED CONC. CROSS WALL
21+68.8 1.5 13.0 ← 18.4 →

TO TOP PG 63

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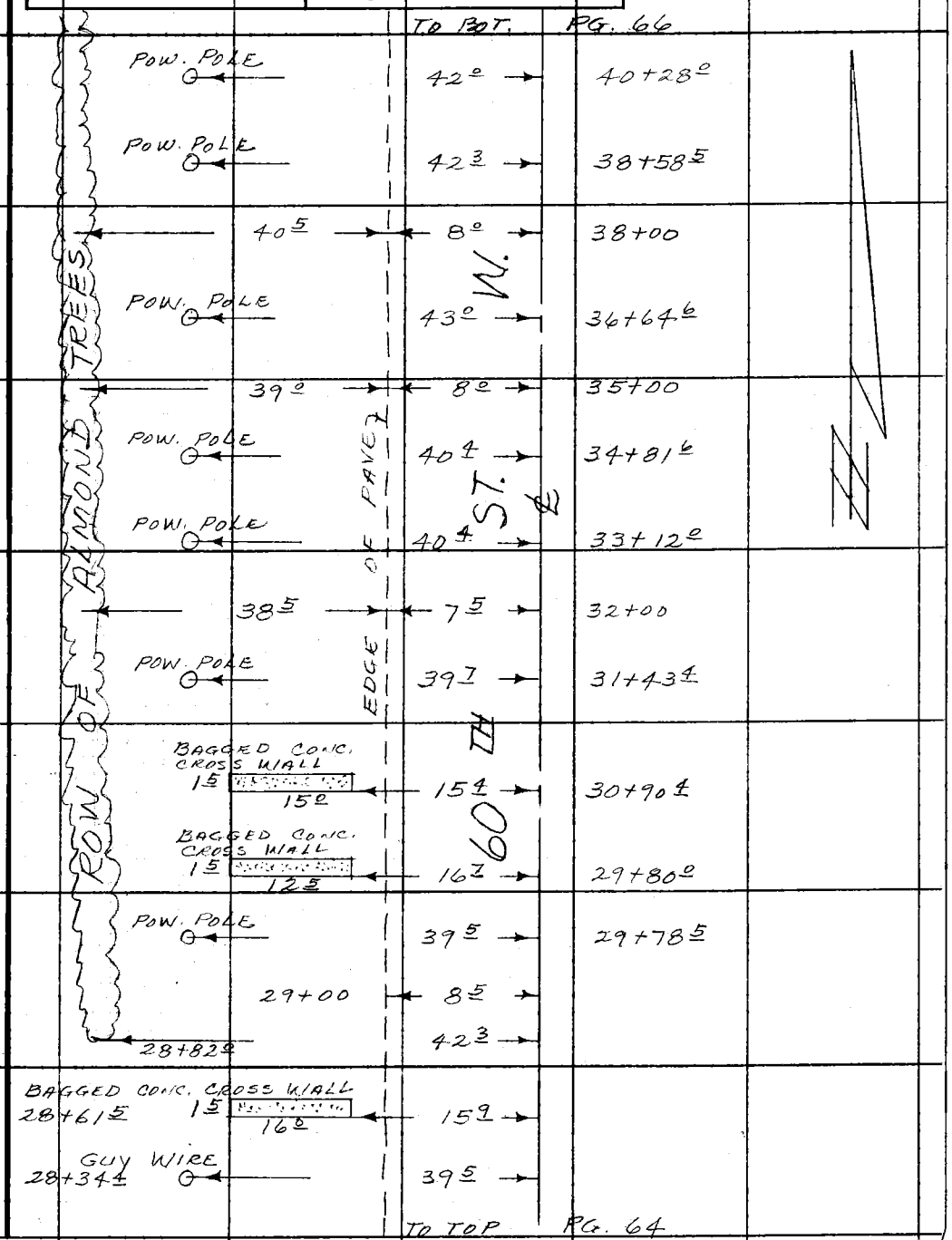
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 5044.47 Tape 205 Std 84 °F
Office Work	Surveyed by MENDONCA
Checked E. DUVERNAY	Notes [illegible] Date 7-75
Date 8/19/75	Indexed G. D. BAILEY AUG 19 '75

F. B. 4144 PG. 65



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 4144 PG 66

TO BOT. PG. 67

BAGGED CONC. CROSS WALL 1.5 / 15.2	15.0	48+61.0
POW. POLE	42.3	48+36.0
BAGGED CONC. CROSS WALL 1.5 / 14.2	17.3	47+63.0
44.6	8.2	47+00
BAGGED CONC. CROSS WALL 1.5 / 17.0	16.0	46+62.0
POW. POLE	42.2	46+36.9
BAGGED CONC. CROSS WALL 1.5 / 14.8	16.6	45+63.0
BAGGED CONC. CROSS WALL 1.5 / 15.4	16.6	44+61.6
POW. POLE	42.2	44+29.6
42.6	9.3	44+00
BAGGED CONC. CROSS WALL 1.5 / 14.4	17.2	43+61.9
BAGGED CONC. CROSS WALL 1.5 / 15.2	17.0	42+63.0
POW. POLE	42.0	42+21.0
40.5	8.7	41+00
GUY WIRE	41.7	40+49.0

ROW OF ALMOND TREES

EDGE OF PAVE

60TH ST. W.

℄

N

TO TOP PG 65

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Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 504447 Tape 205 Std. 84 °F
Office Work	Surveyed by MENDONCA
Checked E. DUVERNAY	Notes J.M. Date 7-75
Date 8/14/75	Indexed G.D. BAILEY AUG 19 75

F. B. 4144 PG. 67

TO BOT. PG. 68

AVE M.

TO TOP PG. 73

EDGE OF PAVE

POWL. POLE 42.4 54+32.6

N.

54.8 54+15.6

12.6 54+06.7

45.0 9.7 53+00

TREES

BAGGED CONC. CROSS WALL 1.5 13.0 17.5 52+64.8

POWL. POLE 42.0 52+32.8

EDGE OF PAVE

60TH ST.

BAGGED CONC. CROSS WALL 1.5 14.0 16.5 51+63.5

BAGGED CONC. CROSS WALL 1.5 14.2 15.6 50+62.2

POWL. POLE 42.3 50+30.0

ROW OF ALMOND

45.5 8.0 50+00

BAGGED CONC. CROSS WALL 1.5 13.8 16.2 49+62.5

TO TOP PG. 66

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76F309S CE#310 3-69

F. B. 4144 PG. 68

TO BOT. PG. 69

POW. POLE
69+20.8 — 42.4

POW. POLE
67+87.7 — 42.5

67+00 — 11.4

POW. POLE
66+19.7 — 42.3

64+00 — 11.3

POW. POLE
63+13.2 — 42.2

61+00 — 10.8

POW. POLE
60+09.7 — 42.6

58+00 — 10.7

POW. POLE
57+05.8 — 43.2

BROKEN CONC. CROSS WALL
55+75.1 — 1.5 — 23.5 — 19.8

55+46.2 — 11.7

EDGE OF PAVED

WEST 60TH ST.

℄

EDGE OF PAVED

WATER H.H.
55+06.4 — 25.5

WATER H.H.
55+01.1 — 25.3

AVE N

℄

1700 W.
54+79.76 N.
℄ INT.
FD. C.S. MON.
IN H.H. PER
F.B. 3423-151

TO TOP PG. 73

TO TOP PG. 67

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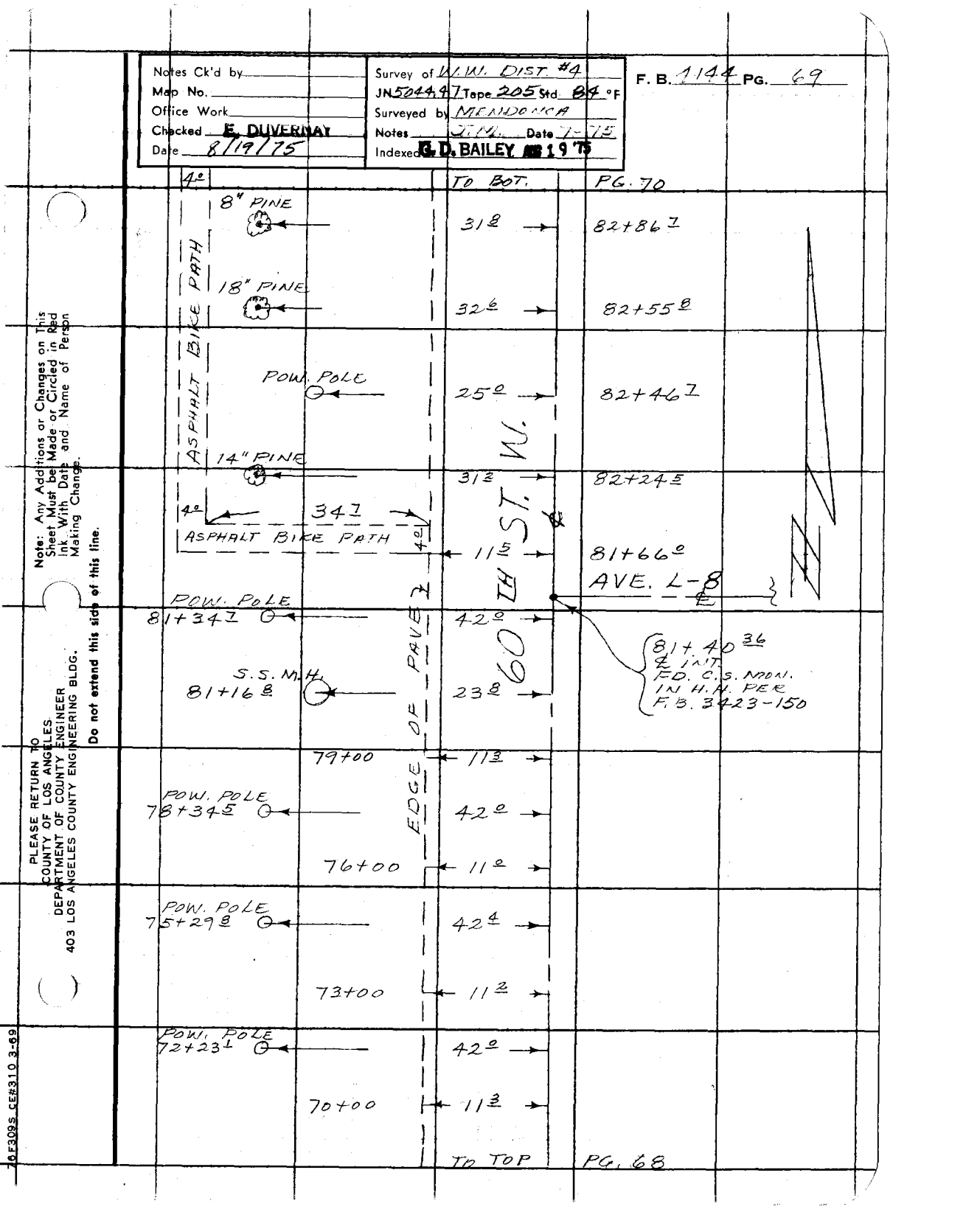
Office Work
Checked E. DUVERNAY
Date 8/19/75

Survey of W.W. DIST. #4
JN 504447 Tape 205 Std. 84 °F
Surveyed by MENDONCA
Notes J.M. Date 7-75
Indexed G. D. BAILEY AUG 19 '75

F. B. 1144 PG. 69



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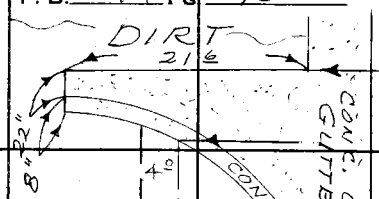
76F309S CE#310 3-69

F. B. 4144 PG 70



		TO BOT.	PG. 71
		42.9	94+53.7
		45.9	94+42.0
		36.9	94+40.2
		40.0	94+26.8
		12.9	93+94.0
33.8		12.2	93+00
	POWL. POLE	22.6	92+39.1
	POWL. POLE	21.8	90+60.8
33.8		12.0	90+00
	POWL. POLE	22.2	87+75.7
33.3		12.0	87+00
	POWL. POLE	21.6	84+96.6
33.6		11.7	84+00
	14" PINE	32.5	83+96.0
	14" PINE	30.5	83+18.4
	14" PINE	31.4	83+02.2
		TO TOP	PG. 69

BIKE PATH

4 FT. WIDE ASPHALT

EDGE OF PAVED

60TH ST. W.

4.0

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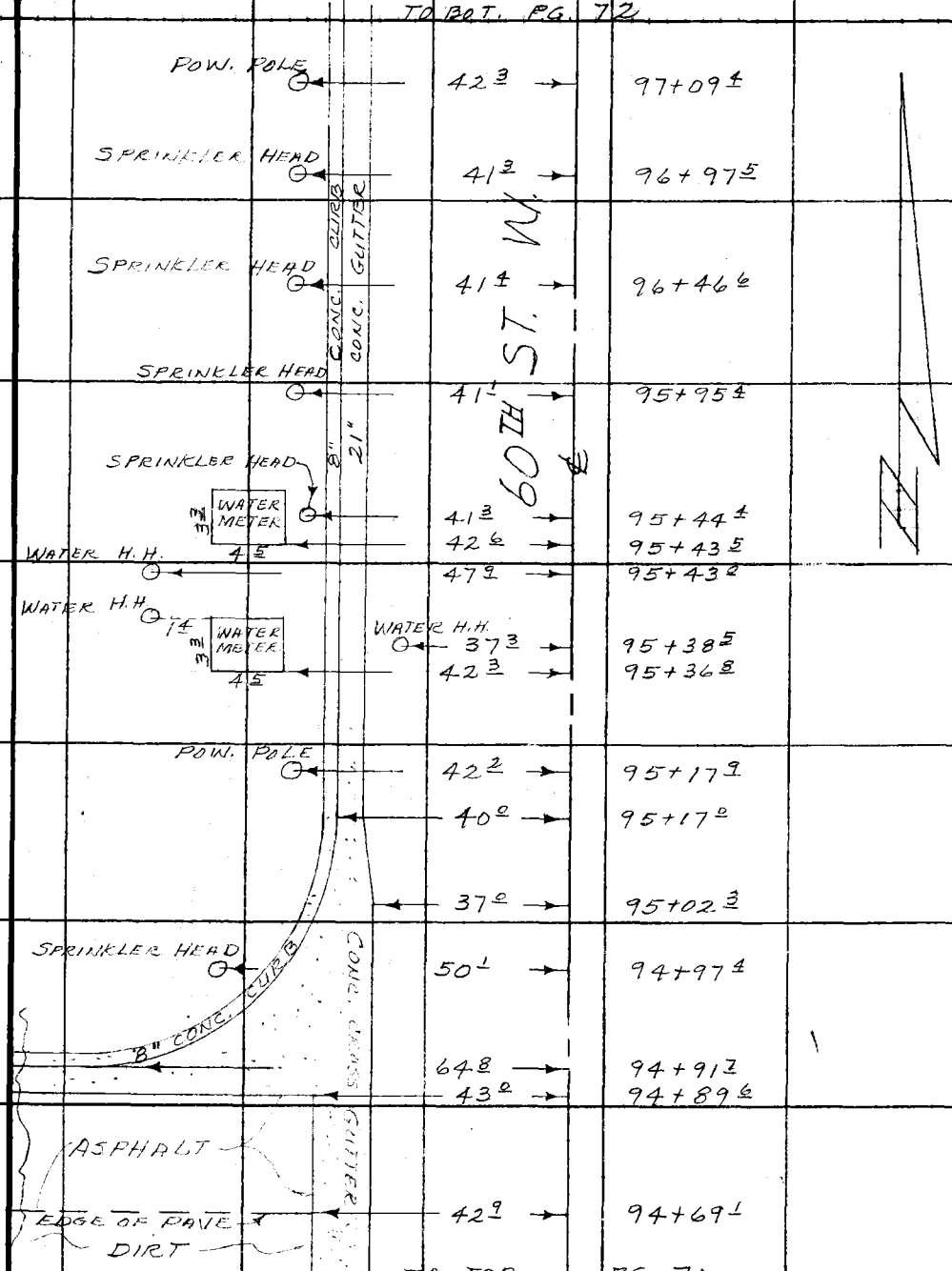
Notes Ck'd by	Survey of W.W. DIST. #4	F. B. 4144 PG. 71
Map No.	JN 514447 Tape 205 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked E. DUVERNAY	Notes J.M. Date 7-75	
Date 8/19/75	Indexed E. D. BAILEY AUG 19 '75	

TO BOT. PG. 72



TO TOP PG. 70

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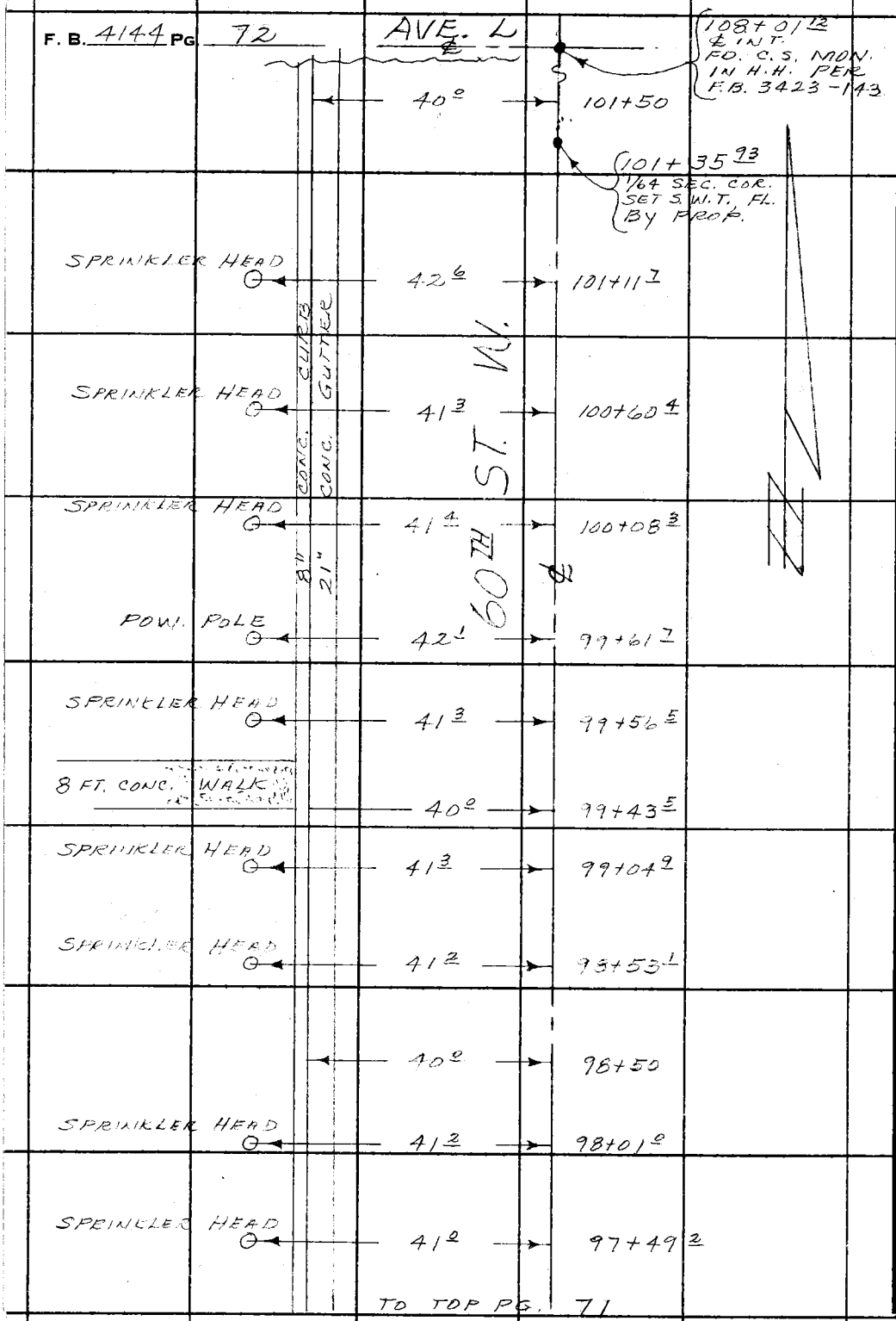
6F309S CE#310 3-69

F. B. 4144 PG. 72



TO TOP PG. 71

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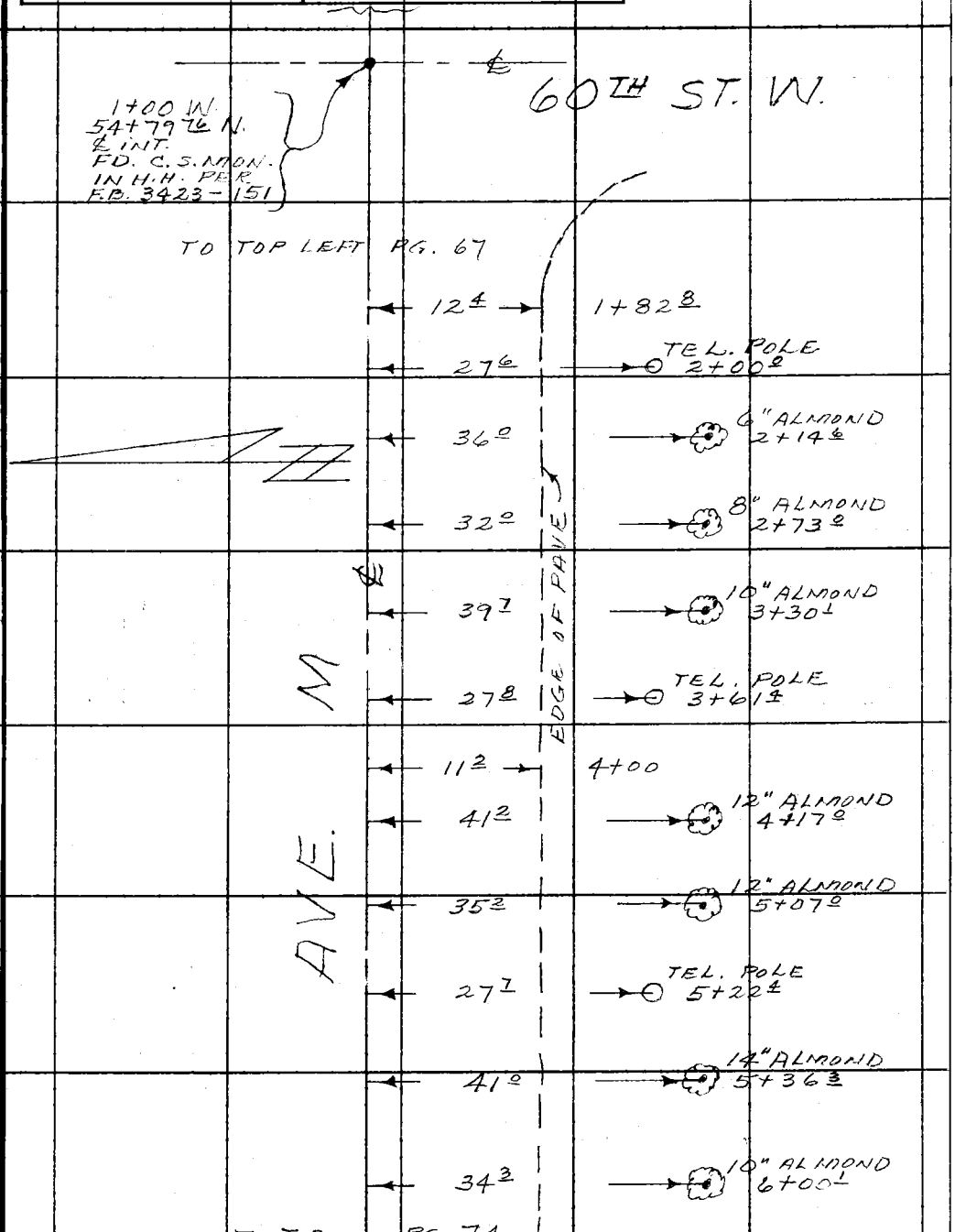
Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 504447 Tape 205 Std 84 °F
Office Work	Surveyed by MENDONCA
Checked E. DUVERNAY	Notes J.N. Date 7-75
Date 8/19/76	Indexed E. D. BAILEY AUG 19 '76

F. B. 4144 PG. 73



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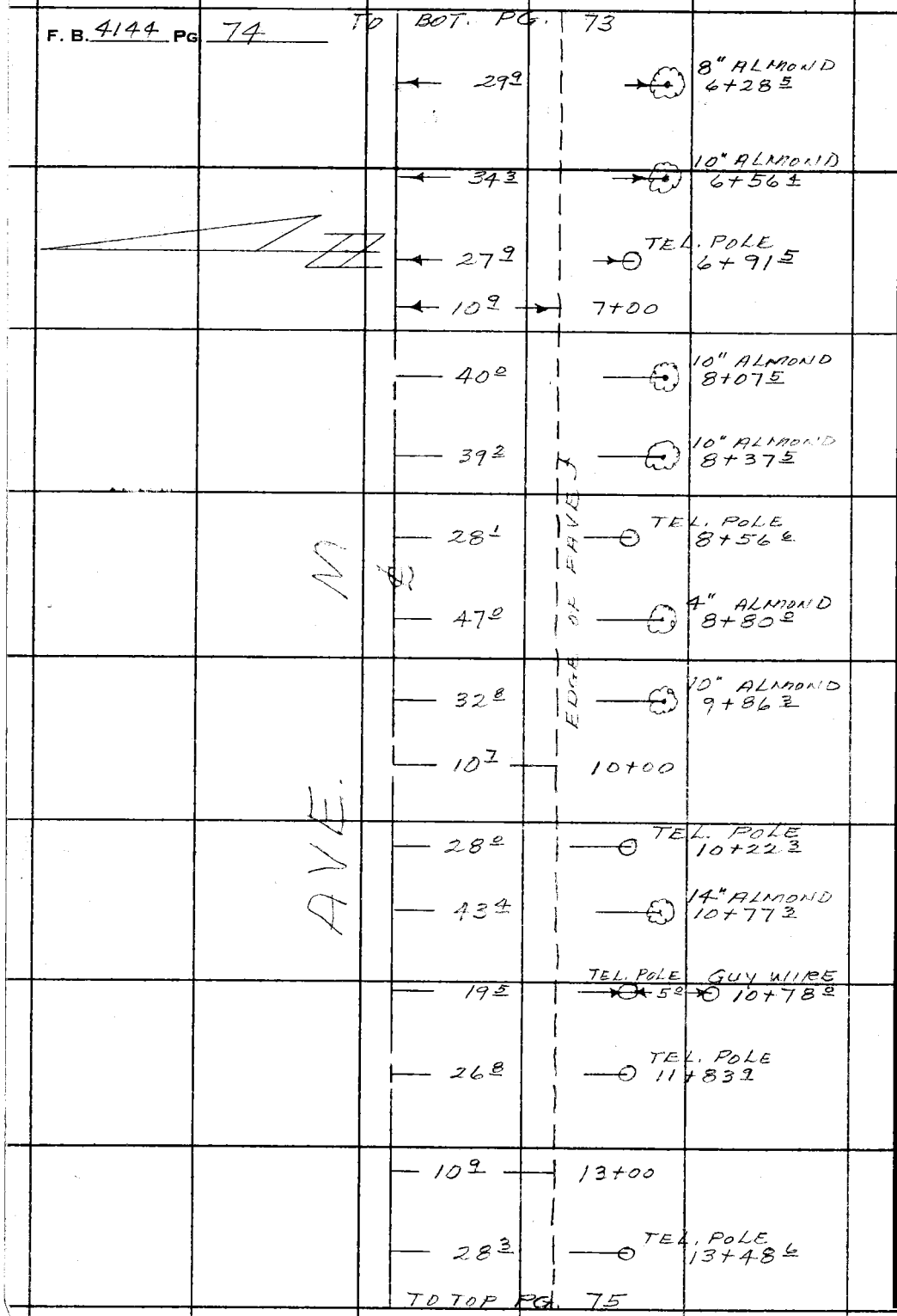
76F309S CE#310 3-69

F. B. 4144 PG 74



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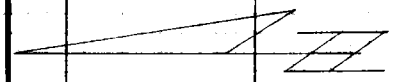
Notes Ck'd by	Survey of W.W. DIST. #1
Map No.	JN 504447 Tape 205 Std 84 °F
Office Work	Surveyed by
Checked E. DUVERNAY	Notes Date 7-75
Date 8/19/75	Indexed G.D. BAILEY 1975

F. B. 4114 PG. 75

TO BOT. PG. 74



14+21 31/16 SEC. COR. FD. S.W.T., FL. PER F.B. 3896-160

28°

TEL. POLE 15+15 2

EDGE OF PAVE

16+00 P.O.L. SET S.W.T., FL.

11 3

16+10

AVE.

27+42 62 1/4 SEC. COR. FD. C.S. MON. IN H.H. PER F.B. 3896-159

65TH ST. W.

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76F309S CE#310 3-69

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F. B. 4144 PG. 76

5044.47

F. B. 4-144 PG. 77

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. No. ____ Notes Checked E. DUVERNAY Checked ____ Survey by MENDOZA Notes BITTEL Date 7-75
Date 8/14/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 75

J.N. 5044.47

WATERWORKS DIST. #4

60TH ST. W. & AVE. N

BENCH LEVELS

60TH ST. W.

FROM: AVE. N

TO: AVE. L-2

&

AVE. N

FROM: 60TH ST. W.

TO: 1500 FT. WSTLY

SPEC. # WWD 4-541

MENDOZA
BITTEL
RITTER
SIDWELL

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

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PLEASE RETURN TO
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76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.		
FD. B.M. # 112-5A	2.594	33.386		2730.792	BM # 112-5A 1973 ADJ, ELEV. = 2730.792 (L. A. County Road Dept., 1958) Antelope Valley - Quartz Hill area at Avenue N and 60th street W., 9.0 ft. E. of the center of 60th St. W. and 90.8 ft. N. of the center of Ave. N. A L. A. County Rd. Dept. B.M. monument marked "L.A. Co. Rd. Dept. B.M., 1958," set 9 inches below the surface and protected by a cast iron cover marked "L.A. Co. Rd. Dept."	F.B. 2441-11
T.P.	1 950	29.133	6 203	27.183		
T.P.	2 558	25.819	5 872	23 261		
T.P.	2 307	22 638	5 488	20 331		
T.P.	1 368	18 273	5 733	16 905		
T.P.	2 671	14 961	5 983	12 290		
T.P.	0 081	09 055	5 987	08 974		
T.P.	0 565	04 402	5 218	2703 837		
T.P.	0 690	99 883	5 209	2699 193		
T.P.	0 068	94 528	5 423	94 460		
T.P.	0 542	89 915	5 155	89 373		
T.P.	0 921	84 706	6 130	83,765		
T.P.	0 580	79 316	5 970	78 736		
T.P.	0 550	74 213	5 653	73 663		
T.P.	0 904	69 047	6 070	68 143		
T.P.	1 948	65 028	5 967	63 080		
T.P.	1 675	60 506	6 197	2658 831		

F. B. 4144 Pg. 78

Job No. 5044.47 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of W.W. #4 60TH ST. W. & AVE. M Date ____ Date ____ No. ____

Survey by MENDONCA Notes BITTEL Notes Chk'd. E. DUVERNAY Checked ____ X-Sec. ____

Indexed G. D. BAILEY Date [illegible] 19 75 Date 8/19/75 Date ____ No. ____

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.	1 330	55 998	5 838	2654 668		
T. P.	1 912	51 698	6 212	49 786		
T. P.	1 532	47 169	6 061	45 637		
T. P.	1 738	42 949	5 958	41 211		
T. P.	1 435	38 266	6 118	36 831		
T. P.	1 765	34 071	5 960	32 306		
T. P.	2 102	30 125	6 048	28 023		
T. P.	2 009	26 259	5 875	24 250		
T. P.	2 739	22 922	6 076	20 183		
T. P.	4 072	21 006	5 988	16 934		
T. P.	3 897	19 074	5 829	15 177		
FD. B.M. # 112-6	1 845	15 776	5 134	2613 ~~940~~ 931	1973 ADJ. B.M. # 112-6 ELEV. = 2613.931 F.B. 2441-12 Antelope Valley-Quartz Hill area at the center line intersection of 60th Street West and Avenue M-8, 45.5 ft. S.E. of Power Pole No. 632607 E. A precast monument stamped "County Surveyor Mon., R. 13 W., T. 6 N., 3, 2," set 12 inches below the surface and protected by a cast iron cover marked "L.A. Co. Engr."	
T. P.	0 342	06 974	9 144	2606 632		
T. P.	0 683	97 618	10,039	2596 935		
T. P.	0 935	88 029	10 524	87 094		
T. P.	1 391	78 869	10 551	77 478		
T. P.	0 411	70 260	9 020	69 849		
T. P.	0 819	60 847	10 232	2560 028		

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. #4 60th ST. W. & AVE. M
X-Sec. Notes Chk. R. DUVERNAY Checked ____ Survey by MENDONCA Notes BITTEL Date 7/75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 75

F.B. 4144 PG. 79

76-L-298 CE 307 8-70

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.	0 235	50 895	10 187	2550 660		
T. P.	0 227	41 495	9 627	41 268		
T. P.	1 140	32 419	10 216	31 279		
T. P.	1 371	24 260	9 530	22 889		
FD. B.M.# 104-15	2 480	16 262	10 462	2513 ~~798~~ 782	1973 ADJ. B. M. # 104-15 ELEV. = 2513.782 F. B. 2416-135 Westerly of Quartz Hill, at the C/L intersection of Ave. M and 60TH St. W. A County Surveyors precast monument set 21 inches below the surface under a cast iron cover and inscribed "county surveyors monument section corner 34, 35, 3, 2 T. 7N T. 6N R. 13W 1927."	
T. P.	0 767	07 989	9 040	2507 222		
T. P.	1 207	99 688	9 508	2498 481		
T. P.	2 930	93 798	8 820	90 868		
T. P.	2 338	88 993	7 143	86 655		
T. P.	2 485	84 498	6 980	82 013		
T. P.	2 253	79 464	7 287	77 211		
T. P.	1 188	73 249	7 403	72 061		
T. P.	3 146	70 395	6 000	67 249		
T. P.	3 720	67 264	6 851	63 544	adj.	
SET T.B.M. 60W-L8	3 130	63 728	6 666	2460 ~~598~~ 587	SET T.B.M. 60W-L8 ELEV. = 2460.587 F.B. 4144-80 AT ℄ intersection of 60TH ST. W. & AVE. L-8. A county surveyor Mon. in H. H.	
T. P.	3 224	60 757	6 195	57533		
T. P.	1 744	56 253	6 248	2454 509		

F. B. 4144 PG. 80

Job No. 5044.47 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of W. W. #4 60TH ST. W. & AVE. M Date ____ Date ____ No. ____

Survey by MENDONCA Notes BITTEL Notes Checked E. DUVERNAY Checked ____ X-Sec. ____

Indexed R. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date ____ No. ____

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.	1 492	51 432	6 313	2449 940		
T. P.	2 622	46 934	7 120	44 312		
T. P.	3 172	43 471	6 635	40 299		
T. P.	1 618	38 189	6 900	36 571		
T. P.	4 057	34 433	7 813	30 376		
SET T. B. M. 60W-L2	3 996	33 116	5 313	2429 ~~120~~ 101	adj SET T. B. M. 60W-L2 At ℄ Int. of 60th St. W. & AVE. L-2, A S.W. & T., flush.	ELEV. =2429.101 F.B. 4144-81
SET T. B. M. 60W-L2A	4 771	33 402	4 485	2428 ~~631~~ 611	SET adj T. B. M. 60W-L2A 70 ft. N. & 35 ft. W. of ℄ Int. of 60th St. W. & AVE. L-2 A spike in E. side of P.P. # 1295541E	ELEV. =2428.611 F.B. 4144-81
T. P.	6 284	35 878	3 808	29 594		
T. P.	6 150	38 853	3 175	32 703		
T. P.	6 570	42 146	3 277	35 576		
T. P.	6 993	45 804	3 335	38 811		
T. P.	6 332	49 186	2 950	42 854		
T. P.	5 972	52 308	2 850	46 336		
T. P.	5 968	55 465	2 811	49 497		
T. P.	6 250	58 505	3 210	52 255		
T. P.	5 851	61 349	3 007	55 498		
T. P.	5 418	63 161	3 606	57 743		
T. P.	5 432	65 671	2 922	60 239		
T. P.	7 384	68 007	5 048	2460 623	T.B.M. 60-L2	

Profile Notes Red ____ Plotted ____ Job No. 504447 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. #4 60th St. W. & AVE. M
X-Sec. Notes Checked ____ Survey by MENDONCA Notes BITTLE Date 7/75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 81

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F. B. 444 Pg. 82 Job No. 5044.42 Division No. Notes Red Plotted Profile
Survey of W.W. # 4 60TH ST. W. & AVE. M Date Date No.
Survey by MENDONCA Notes BITTEL Notes Checked E. DUVERNAY X-Sec.
Indexed G. D. BAILEY Date AUG 1975 Date 8/19/75 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	5 283	69 790	3 500	2464 507		
T.P.	6 159	74 250	1 699	68 091		
T.P.	6 378	77 084	3 544	70 706		
T.P.	6 236	80 428	2 892	74 192		
T.P.	6 523	83 741	3 210	77 218		
T.P.	6 651	87 481	2 911	80 830		
T.P.	6 592	90 950	3 123	84 358		
T.P.	6 975	93 877	4 046	86 904		
T.P.	7 311	97 790	3 400	90 479		
T.P.	7 474	02 031	3 233	94 557		
T.P.	7 683	06 892	2 822	2499 209		
T.P.	7 780	12 391	2 281	2504 611		
T.P.	7 807	18 107	2 091	10 300		
FD, B.M. # 104-15	7 387	21 169	4 280	2513 ~~827~~ 782	1973 ADJ. ELEV. = 2513.782 B.M. # 104-15 Westerly of Quartz Hill, at the c/L intersection of Ave. M and 60th St. W. A County Surveyor precast monument set 21 inches below the surface under a cast iron cover and inscribed "County Surveyors monument section corner 34, 35, 3, 2 T. 7N T. 6N R. 13W 1927"	F. B. 2416-135
T.P.	6 529	25235	2 463	18 706		
T.P.	6 259	28 395	3 099	22 136		
T.P.	5 823	30903	3 315	25 080		
T.P.	6 195	33 356	3 742	2527 161		

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STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.	5 291	34 917	3 730	2529 626		
T. P.	5 883	36 433	4 367	30 550		
SET, T.B.M. M-62	6 085	39 539	2 979	2533 454	T.B.M. M-62 ELEV. =2533.454 F.B. 4144-83 At ℄ Int. of AVE. M & 62nd St. W. A B.W. & T., Flush.	
SET T.B.M. M-62A	2 797	39 623	2 713	2536 826	T.B.M. M-62 A ELEV. =2536.826 F.B. 4144-83 178.69 W. of ℄ Int. of Ave. M & 62nd St. W. A S.W. & I., Flush.	
T. P.	3 188	36 643	6 168	33 455		
T. P.	4 645	34 982	6 306	30 337		
T. P.	3 822	33 354	5 450	29 532		
T. P.	3 762	30 925	6 191	27 163		
T. P.	3 267	28 347	5 845	25 080		
T. P.	3 161	25 299	6 209	22 138		
T. P.	2 480	21 037	6 742	18 557		
FD. B.M. # 104-15			7 253	2513 784	1973 ADJ. B.M. #104-15 ELEV. = 2513.782 F.B. 2416-135 Westerly of Quartz Hill, at the C/L intersection of Ave M and 60th St. W. A County Surveyor precast monument set 21 inches below the surface under a cast iron cover and inscribed "county surveyors monument section corner 34, 35, 3, 2 T. 7N T. 6N R. 13W 1927"	

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. #4 60th ST. W. & AVE. M
X-Sec. Notes Checked ____ Checked ____ Survey by MENDONCA Notes BITTEL Date 7/75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed ____ Date AUG 19 75

F. B. 4144 PG. 83

F. B. 4144 PG. 84 Job No.____ Division No.____ Notes Red____ Plotted____ Profile

Survey of____ Date____ Date____ No.____

Survey by____ Notes____ Notes Chk'd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

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

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Profile	Notes Red	Plotted	Job No. 5044.47	Division No.	F. B. 4144 PG. 35
No.	Date	Date	Survey of W.W. DIST. #4		
X-Sec.	Notes Chk'd.	Checked	Survey by	Notes	Date 6-75
No.	Date 8/19/75	Date	Map No.	Indexed G. D. BAILEY	Date AUG 19 75

J. N. 5044.47

WATERWORKS DIST #4

60TH ST. W & AVE. M.

CROSS - SECTIONS

60TH ST. W.

FROM: AVE. N

TO: AVE. M-2

(WEST SIDE ONLY)

&

AVE. M

FROM: 60TH ST. W.

TO: 1500 FT. WSTLY

(SOUTH SIDE ONLY)

SPEC. WWD 4-541

STATION	B. S.	H. I.	F. S.	ELEV.
			MENDONCA BITTEL RITTER SIDWELL	

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F. B. 4144 Pg. 86 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST. # 4 | Date | Date | No.
Survey by MENDONCA | Notes U.M. | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date AUG 19 75 | Date 8/19/75 | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST	
FD. B.M. # 112-5A				2730.79	1973 ADJ. B.M. #112-5A ELEV. = 2730.792 F.B. 2441-11 (L.A. COUNTY ROAD DEPT. 1958) ANTELOPE VALLEY-QUARTZ HILL AREA @ AVE. N & 60TH ST. W., 90 FT. E. OF ℄ OF 60TH ST. W. & 90.8 FT. N. OF ℄ OF AVE. N. A L.A. CO. RD. DEPT. B.M. MKD. "L.A. CO. RD. DEPT. B.M. 1958" SET 9 INCHES BELOW THE SURFACE & PROTECTED BY A PAVEMENT MKD. "L.A. CO. RD. DEPT."	
1+00				2349	℄ ℄ OF AVE. N.	(TOP OF PAVE)
				3362	56' L. " "	(EDGE PAVE)
				353	50' L. " "	(DIRT)
				376	100' L. " "	(DIRT)
1+50				3271	℄	
				3277	72' L. EDGE PAVE	
				331	29.9' L. FLOW LINE	
				348	40.9' L. TOP BRK	
				353	50' L.	
2+00				3169	℄	
				3161	78' L. EDGE PAVE	
				310	23.2' L. FLOW LINE	
				336	37.9' L. TOP BRK.	
				343	50' L.	
2+50				2730.18	℄	

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STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST. WEST
2+50				273010	8.0' L. EDGE PAVE
				292	23.4' L. FLOW LINE
				319	33.0' L. TOP BRK.
				325	50' L.
3+00				2849	℄
				2839	8.0' L EDGE PAVE
				273	22.4' L. FLOW LINE
—				297	32.2' L. TOP BRK
				302	50' L.
3+50				2648	℄
				2643	8.2' L. EDGE PAVE
				255	22.8' L. FLOW LINE
				280	30.0' L TOP BRK.
				284	50' L.
4+00				2454	℄
				2446	8.5' L. EDGE PAVE
				237	21.5' L. FLOW LINE
				258	31.0' L. TOP BRK
				258	50' L.
4+50				2255	℄
				272250	8.7' L. EDGE PAVE

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. # 4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes S.M. Date 8-25
No. ____ Date 8/19/75 Date ____ Map No. ____ Index G.D. BAILEY Date AUG 19 75

F.B. 4144 PG. 87

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
4+50				27220	21.5 'L. FLOW LINE
				242	32.0 'L. TOP BRK.
				243	50 'L.
5+00				2082	℄
				2076	8.5 'L. EDGE PAVE
				204	21.5 'L. FLOW LINE
				225	32.0 'L. TOP BRK.
				225	50 'L.
5+50				1921	℄
				1918	8.6 'L. EDGE PAVE
				188	20.0 'L. FLOW LINE
				212	30.0 'L. TOP BRK.
				214	50 'L.
6+00				1752	℄
				1746	7.4 'L. EDGE PAVE
				173	19.0 'L. FLOW LINE
				191	29.0 'L. TOP BRK.
				192	50 'L.
6+50				1601	℄
				1590	8.3 'L. EDGE PAVE
				27157	21.0 'L. FLOW LINE

F. B. 4144 PG. 88 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W. W. DIST. # 4 | Date | Date | No.
Survey by MENDON CA | Notes J. M. | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date AUG 19 '75 | Date 8/19/75 | Date | No.

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
6+50				27181	30° L. TOP BRK.
				183	50 L.
7+00				1430	℄
				1422	8° L. EDGE PAVE.
				140	20° L. FLOW LINE
				153	30° L TOP BRK
				164	50 L.
7+50				1263	℄
				1261	9° L. EDGE PAVE
				123	21° L. FLOW LINE
				144	33° L. TOP BRK.
				149	50 L.
8+00				1108	℄
				1106	9° L. EDGE PAVE
				108	21° L. FLOW LINE
				132	33° L TOP BRK
				140	50 L.
8+50				0954	℄
				0949	9° L. EDGE PAVE
				092	21° L. FLOW LINE
				27116	33° L. TOP BRK.

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W. W. DIST. # 4
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No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed D. D. BAILEY Date [illegible] 19 75

F. B. 4144 PG. 89

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0469

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
8+50				27126	50 L.	
9+00				0813	℄	
				0800	9.4 L. EDGE PAVE	
				077	21.0 L. FLOW LINE	
				100	32.5 L. TOP BRK.	
				108	50 L.	
9+50				0661	℄	
				0652	9.2 L. EDGE PAVE	
				060	22.0 L. FLOW LINE	
				083	32.0 L. TOP BRK.	
				096	50 L.	
10+00				0505	℄	
				0499	9.5 L. EDGE PAVE	
				046	22.0 L. FLOW LINE	
				069	32.0 L. TOP BRK.	
				081	50 L.	
10+50				0349	℄	
				0341	9.4 L. EDGE PAVE	
				032	21.5 L. FLOW LINE	
				050	31.0 L. TOP BRK.	
				27057	50 L.	

F. B. 4144 Pg. 90 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
11+00				270174	℄
				0160	9.7 L. EDGE PAVE
				014	21.5 L. FLOW LINE
				031	31.0 L. TOP BRK.
				27039	50 L.
11+50				269996	℄
				9984	9.7 L. EDGE PAVE.
				26996	22.0 L. FLOW LINE
				27012	32.0 L. TOP BRK.
				27021	50 L.
12+00				269805	℄
				9797	9.7 L. EDGE PAVE
				976	21.0 L. FLOW LINE
				26996	32.0 L. TOP BRK.
				27008	50 L.
12+50				269610	℄
				9605	9.4 L. EDGE PAVE.
				956	21.5 L. FLOW LINE
				981	33.0 L. TOP BRK.
				994	50 L.
13+00				269420	℄

Profile Notes Red ____ Plotted ____ Job No. 50447 Division No. ____ F. B. 4144 PG. 91
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
13+00				269422	9.5 L. EDGE PAVE
				938	21.5 L. FLOW LINE
				958	33.0 L. TOP BRK
				968	50 L.
13+50				9231	℄
				9227	9.6 L. EDGE PAVE
				917	21.5 L. FLOW LINE
				936	32.0 L. TOP BRK.
				945	50 L.
14+00				9026	℄
				9027	9.5 L. EDGE PAVE
				899	23.0 L. FLOW LINE
				913	32.0 L. TOP BRK.
				926	50 L.
14+50				8820	℄
				8816	9.0 L. EDGE PAVE
				876	22.0 L. FLOW LINE
				892	33.0 L. TOP BRK.
				898	50 L.
15+00				8580	℄
				268570	9.0 L. EDGE PAVE

F. B. 4144 PG. 92 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G.D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
15+00				26850	24° L. FLOW LINE
				867	33° L. TOP BRK.
				869	50 L.
15+50				8331	℄
				8325	9' L. EDGE PAVE
				828	24° L. FLOW LINE
				840	32° L. TOP BRK.
—				849	50 L.
16+00				8082	℄
				8072	9' L. EDGE PAVE
				804	23° L. FLOW LINE
				811	32° L. TOP BRK.
				817	50 L.
16+50				7840	℄
				7825	9² L. EDGE PAVE
				780	21° L. FLOW LINE
				786	30° L. TOP BRK.
				792	50 L.
17+00				7602	℄
—				7596	9² L. EDGE PAVE
				26756	21° L. FLOW LINE

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____ F. B. 4144 PG. 93
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONKA Notes S.M. Date 8-75
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71.54

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STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST. WEST
17+00				26765	31° L. TOP BRK
				768	50 L.
17+50				7379	℄
				7374	7° L. EDGE PAVE
				733	22° L. FLOW LINE
				741	33° L. TOP BRK
				746	50 L.
18+00				7166	℄
				7152	9° L. EDGE PAVE
				708	21° L. FLOW LINE
				717	31° L. TOP BRK
				723	50 L.
18+50				6918	℄
				6915	8° L. EDGE PAVE
				684	22° L. FLOW LINE
				690	31° L. TOP BRK.
				688	50 L.
19+00				6647	℄
				6640	8° L. EDGE PAVE
				657	23° L. FLOW LINE
				26663	32° L. TOP BRK

F. B. 4144 PG. 94 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. # 4 Date Date No.
Survey by MENDONCA Notes J.H. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
19+00				26666	50 L.
19+50				6364	℄
				6357	8.9 L. EDGE PAVE
				628	25.0 L. FLOW LINE
				633	32.0 L. TOP BRK.
				635	50 L.
20+00				6071	℄
				6071	9.4 L. EDGE PAVE
				599	25.0 L. FLOW LINE
				605	32.0 L. TOP BRK.
				610	50 L.
20+50				5774	℄
				5768	9.7 L. EDGE PAVE
				569	25.0 L. FLOW LINE
				573	30.0 L. TOP BRK.
				573	50 L.
21+00				5475	℄
				5457	9.8 L. EDGE PAVE
				538	24.0 L. FLOW LINE
				544	32.0 L. TOP BRK.
				26537	50 L.

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____ F. B. 4144 PG. 95
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by McNOWCA Notes S.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed R. D. BAILEY Date AUG 19 '75

76-L-298 CE 307 8-70

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53.50
44.43

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST.	WEST
21+50				2651.78	℄	
				51.58	9.7 L. EDGE PAVE	
				50.4	25.0 L. FLOW LINE	
				51.3	30.0 L. TOP BRK.	
				[illegible]	50 L.	
22+00				48.55	℄	
				48.37	9.8 L. EDGE PAVE	
				47.7	24.0 L. FLOW LINE	
				48.2	30.0 L. TOP BRK.	
				48.0	50 L.	
22+50				45.52	℄	
				45.27	10.0 L. EDGE PAVE	
				44.4	25.0 L. FLOW LINE	
				45.0	30.0 L. TOP BRK.	
				44.7	50 L.	
23+00				42.59	℄	
				42.45	9.5 L. EDGE PAVE	
				41.8	25.0 L. FLOW LINE	
				42.4	30.0 L. TOP BRK.	
				42.6	50 L.	
23+50				2639.70	℄	

F. B. 4144 Pg. 96 Job No. 5-44-47 Division No. Notes Red Plotted Profile
Survey of W.W. LIST #4 Date Date No.
Survey by MENDOZA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
23+50				263947	9.5 L. EDGE PAVE
				389	26.0 L. FLOW LINE
				394	31.0 L. TOP BRK.
				393	50 L.
24+00				3692	℄
				3671	9.2 L. EDGE PAVE
				362	25.0 L. FLOW LINE
				370	31.0 L. TOP BRK.
				365	50 L.
24+50				3406	℄
				3384	9.4 L. EDGE PAVE
				335	25.0 L. FLOW LINE
				344	30.0 L. TOP BRK
				335	50 L.
25+00				3096	℄
				3086	9.2 L. EDGE PAVE
				302	24.0 L. FLOW LINE
				309	31.0 L. TOP BRK
				309	50 L.
25+50				2807	℄
				262801	9.1 L. EDGE PAVE

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes L.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Index G. D. BAILEY Date AUG 19 '75

F. B. 4144 PG. 97

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26.56
17.92

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
25+50				26273	24° L. FLOW LINE
				281	30° L. TOP BRK.
				280	50 L.
26+00				2546	℄
				2544	9° L. EDGE PAVE.
				251	25° L. FLOW LINE
				256	32° L. TOP BRK.
				257	50 L.
26+50				2280	℄
				2272	9° L. EDGE PAVE
				222	24° L. FLOW LINE
				230	33° L. TOP BRK.
				229	50 L.
27+00				1985	℄
				1974	8° L. EDGE PAVE
				191	20° L. FLOW LINE
				208	33° L. TOP BRK.
				205	50 L.
27+50				1706	℄
				1700	8° L. EDGE PAVE
				26167	20° L. FLOW LINE

F. B. 4144 PG. 98 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST. H.A. | Date | Date | No. | X-Sec.
Survey by [illegible] | Notes J. M. | Notes Chk'd. | Checked | No.
Indexed G. D. BAILEY | Date AUG 19 '75 | Date 8/19/75 | Date

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
27+50				26180	32° L. TOP BRK.
				177	50 L.
27+88 78				1508	℄ (INT. OF 60TH ST. W & AVE. M-8) (PAVE)
				1502	17° L. (℄ OF AVE. M-8) (PAVE)
				1554	50 L. (℄ OF AVE. M-8) (PAVE)
				1660	100 L. (℄ OF AVE. M-8) (PAVE)
28+00				1453	℄
—				1446	17° L. (PAVE)
				1512	50 L. (NORTH EDGE PAVE OF AVE. M-8)
28+50				1215	℄
				1205	8° L. EDGE PAVE
				115	27° L. FLOW LINE
				136	35° L. TOP BRK.
				131	50 L.
29+00				0989	℄
				0982	8° L. EDGE PAVE
				086	27° L. FLOW LINE
				106	35° L. TOP BRK.
				102	50 L.
29+50				0767	℄
				260765	8° L. EDGE PAVE

Profile Notes Red ____ Plotted ____ Job No. 50-1447 Division No. ____
No. ____ Date ____ Date ____ Survey of W. W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes J. M. Date 8-75
No. ____ Date 8/18/75 Date ____ Map No. ____ Indexed R. D. BAILEY Date AUG 19 75

F. B. 4144 Pg. 99

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90.61

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STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST. WEST
29+50				26066	25° L. FLOW LINE
				097	35° L. TOP BRK.
				082	50 L.
30+00				0552	℄
				0548	8³ L. EDGE PAVE
				044	25° L. FLOW LINE
				076	34° L. TOP BRK.
				063	50 L.
30+50				0338	℄
				0330	8² L. EDGE PAVE
				025	24° L. FLOW LINE
				053	36° L. TOP BRK.
				045	50 L.
31+00				0119	℄
				0119	7⁸ L. EDGE PAVE
				009	24° L. FLOW LINE
				033	34° L. TOP BRK.
				26025	50 L.
31+50				259906	℄
				9901	7⁶ L. EDGE PAVE
				25989	24° L. FLOW LINE

F. B. 4144 PG. 100 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No. X-Sec.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked No.
Indexed G. D. BAILEY Date 1975 Date 8/19/75

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STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST.	WEST
31+50				26013	34° L. TOP BRK.	
				26005	50 L.	
32+00				25 9694	℄	
				9688	7² L. EDGE PAVE	
				966	21° L. FLOW LINE	
				990	31° L. TOP BRK.	
				985	50 L.	
32+50				9489	℄	
				9480	7² L. EDGE PAVE	
				943	21° L. FLOW LINE	
				957	35° L. TOP BRK.	
				961	50 L.	
33+00				9277	℄	
				9269	7² L. EDGE PAVE	
				9[illegible]	21° L. FLOW LINE	
				948	35° L. TOP BRK.	
				943	50 L.	
[illegible]				9080	℄	
				9070	7² L. EDGE PAVE	
				904	23° L. FLOW LINE	
				25930	35° L. TOP BRK.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3044.97 Division No. ____
Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by MEADOWCA Notes J.M. Date 9-75
Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 101

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72,36

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STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST.	WEST
33+50				25924	50 L.	
34+00				8877	℄	
				8880	7° L. EDGE PAVE	
				884	22° L. FLOW LINE	
				911	35° L. TOP BRK.	
				903	50 L.	
34+50				8690	℄	
				8683	7° L. EDGE PAVE	
				862	21° L. FLOW LINE	
				893	36° L. TOP BRK.	
				876	50 L.	
35+00				8496	℄	
				8490	7° L. EDGE PAVE	
				843	24° L. FLOW LINE	
				875	34° L. TOP BRK.	
				866	50 L.	
35+50				8316	℄	
				8311	7° L. EDGE PAVE	
				823	23° L. FLOW LINE	
				857	35° L. TOP BRK.	
				25843	50 L.	

F. B. 4144 PG. 102 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

76-L-298 CE 307 5-66

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6897

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
36+00				35 81 27	℄
				8121	7⁵ L. EDGE PAVE
				805	21⁰ L. FLOW LINE
				836	36² L. TOP CURB
				836	50 L.
36+50				7916	℄
				7914	7⁷ L. EDGE PAVE
				788	21⁰ L. FLOW LINE
				812	36² L. TOP BACK
				810	50 L.
37+00				7720	℄
				7722	7⁵ L. EDGE PAVE
				769	22² L. FLOW LINE
				797	35⁰ L. TOP BACK
				797	50 L.
37+50				75[illegible]	℄
				7527	7⁶ L. EDGE PAVE
				752	21² L. FLOW LINE
				785	35⁰ L. TOP BACK
				782	50 L.
38+00				35 7359	℄

Profile Notes Red_____ Plotted_____ Job No. 5044.41 Division No._____
No._____ Date_____ Date_____ Survey of W. W. DIST. #4
X-Sec. Notes Chk'd._____ Checked_____ Survey by [illegible] Notes [illegible] Date 8-75
No._____ Date 8/19/75 Date_____ Map No._____ Index G. D. BAILEY Date AUG 19 75

F. B. 4114 Pg. 103

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61.58

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
38+00				257349	8° L. EDGE PAVE
				733	22° L. FLOW LINE
				762	35° L. TOP BRK
				756	50 L.
38+50				7198	℄
				7187	7° L. EDGE PAVE
				716	21° L. FLOW LINE
				746	35° L. TOP BRK.
				739	50 L
39+00				7024	℄
				7219	8° L. EDGE PAVE
				701	21° L. FLOW LINE
				732	35° L. TOP BRK.
				725	50 L.
39+50				6878	℄
				6866	7° L. EDGE PAVE
				686	20° L. FLOW LINE
				712	35° L. TOP BRK
				709	50 L.
40+00				6732	℄
				256729	8° L. EDGE PAVE

F. B. 4144 Pg. 104 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

76-L-298 CE 307 8-70

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2555.53 M-4

STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST.	WEST
40+00				25669	22° L. FLOW LINE	
				700	36° L. TOP BRK.	
				694	50 L.	
40+50				6614	℄	
				6608	8° L. EDGE PAVE	
				657	22° L. FLOW LINE	
				685	34° L. TOP BRK	
				673	50 L.	
41+00				6477	℄	
				6469	8 7 L. EDGE PAVE	
				644	23° L. FLOW LINE	
				667	37° L. TOP BRK.	
				663	50 L.	
41+50				6326	℄	
				6320	9° L. EDGE PAVE	
				629	25° L. FLOW LINE	
				651	36° L. TOP BRK	
				650	50 L.	
42+00				6173	℄	
				6171	8 9 L. EDGE PAVE	
				25612	25° L. FLOW LINE	

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____ F. B. 4144 PG. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes J.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Index R. D. BAILEY Date AUG 19 75

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48.06

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
42+00				25636	36° L. TOP BRK.	
				635	50 L.	
42+50				6036	℄	
				6035	8° L. EDGE PAVE	
				600	26° L. FLOW LINE	
				623	36° L. TOP BRK.	
				622	50 L.	
43+00				5899	℄	
				5894	8° L. EDGE PAVE	
				582	26° L. FLOW LINE	
				609	36° L. TOP BRK.	
				610	50 L.	
43+50				5769	℄	
				5755	9° L. EDGE PAVE	
				567	27° L. FLOW LINE	
				595	35° L. TOP BRK.	
				593	50 L.	
44+00				5616	℄	
				5609	9° L. EDGE PAVE	
				550	26° L. FLOW LINE	
				582	34° L. TOP BRK.	

F. B. 4144 Pg. 106 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST. WEST
44+00				25584	50 L.
44+50				5439	℄
				5439	8.9 L. EDGE PAVE
				537	26.0 L. FLOW LINE
				566	36.0 L. TOP BRK.
				567	50 L.
45+00				5267	℄
—				5264	8.8 L. EDGE PAVE
				518	26.0 L. FLOW LINE
				548	37.0 L. TOP BRK.
				548	50 L.
45+50				5097	℄
				5089	8.9 L. EDGE PAVE
				503	26.0 L. FLOW LINE
				523	36.0 L. TOP BRK.
				523	50 L.
46+00				4914	℄
				4904	8.7 L. EDGE PAVE
				482	26.0 L. FLOW LINE
—				500	35.0 L. TOP BRK.
				25502	50 L.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 8 [illegible]
Date 8/18/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 '75

F. B. 4144 PG. 107

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31.51

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
46+50				2547 17	℄	
				47 08	8.5 L. EDGE PAVE	
				46 4	25.0 L. FLOW LINE	
				48 5	35.0 L. TOP BRK.	
				48 7	50 L.	
47+00				45 21	℄	
				45 08	8.2 L. EDGE PAVE	
				44 0	24.0 L. FLOW LINE.	
				46 0	35.0 L. TOP BRK.	
				46 3	50 L.	
47+50				43 21	℄	
				43 18	8.4 L. EDGE PAVE	
				41 9	25.0 L. FLOW LINE	
				44 2	36.0 L. TOP BRK.	
				44 4	50 L.	
48+00				41 23	℄	
				41 24	8.7 L. EDGE PAVE	
				39 8	25.0 L. FLOW LINE	
				42 4	35.0 L. TOP BRK.	
				42 4	50 L.	
48+50				2539 40	℄	

F. B. 4144 PG. 108 Job No. 5044.47 Division No. Notes Red. Plotted Profile
Survey of W.W. DIST. # 4 Date Date No.
Survey by MENDOZA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

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24.22

STATION	B. S.	H. I.	F. S.	ELEV.	60 TH ST. WEST
48+50				253937	8² L. EDGE PAVE
				330	25° L. FLOW LINE
				408	36° L. TOP BRK.
				408	50 L.
49+00				3745	℄
				3742	8² L. EDGE PAVE
				361	25° L. FLOW LINE
				385	35° L. TOP BRK.
				383	50 L.
49+50				3559	℄
				3568	8³ L. EDGE PAVE
				343	25° L. FLOW LINE
				367	35° L. TOP BRK.
				365	50 L.
50+00				3379	℄
				3378	8² L. EDGE PAVE
				323	25° L. FLOW LINE
				350	35° L. TOP BRK.
				353	50 L.
50 ± 50				3201	℄
				253194	8² L. EDGE PAVE

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5044.47 Division No. ____
X-Sec. No. ____ Notes Chk'd. ____ Date 8/19/75 Checked ____ Date ____ Survey of W.W. DIST. #4 Survey by MENDONCA Notes J.M. Date 8-75 Map No. ____ Index ____ R. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 109

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17.42

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
50+50				25303	25° L. FLOW LINE	
				331	35° L. TOP BRK.	
				337	50 L.	
51+00				3009	℄	
				3007	8° L. EDGE PAVE	
				284	25° L. FLOW LINE	
				313	35° L. TOP BRK.	
				311	50 L.	
51+50				2835	℄	
				2822	8° L. EDGE PAVE	
				266	25° L. FLOW LINE	
				296	35° L. TOP BRK.	
				296	50 L.	
52+00				2662	℄	
				2652	8° L. EDGE PAVE	
				248	25° L. FLOW LINE	
				277	35° L. TOP BRK.	
				276	50 L.	
52+50				2460	℄	
				2446	9° L. EDGE PAVE	
				25231	25° L. FLOW LINE	

F. B. 4144 Pg. 110 Job No. 50444 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
52+50				2525 8	35° L. TOP BRK.	
				262	50 L.	
53+00				2263	℄	
				2242	9.5 L. EDGE PAVE	
				214	24° L. FLOW LINE	
				237	35° L. TOP BRK.	
				239	50 L.	
53+50				2056	℄	
				2039	10.3 L. EDGE PAVE	
				197	24° L. FLOW LINE	
				222	36° L. TOP BRK.	
				226	50 L.	
54+00				1860	℄	
				1846	11.4 L. EDGE PAVE	
				181	23° L. FLOW LINE	
				205	35° L. TOP BRK.	
				208	50 L.	
54+50				1658	℄	
				1640	26.3 L. EDGE PAVE	
				163	50° L. BOT. BRK.	
				2519.7	60° L. TOP BRK.	

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes J.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 111

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1280

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
54+79 76				251563	℄ (℄ INT. OF 60TH ST. W. & AVE. M.) (PAVE)
				1514	24.7 L. (℄ OF AVE. M)
55+00				1489	℄
				1438	27.2 L. (PAVE)
				1461	45.1 L. (EDGE PAVE)
				147	50 L. (DIRT)
55+50				1334	℄
				1301	12.4 L. EDGE PAVE
				123	38.0 L. FLOW LINE
				141	50 L. TOP BRK.
56+00				1186	℄
				1166	11.2 L. EDGE PAVE
				108	36.0 L. FLOW LINE
				121	50 L. TOP BRK.
56+50				1037	℄
				1017	10.8 L. EDGE PAVE
				092	34.0 L. FLOW LINE
				114	50 L. TOP BRK.
57+00				0893	℄
				0872	10.8 L. EDGE PAVE
				25077	31.5 L. FLOW LINE

F. B. 4144 PG. 112 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
57+00				25102	45° L. TOP BRK.	
				099	50 L.	
57+50				0743	℄	
				0728	11° L. EDGE PAVE	
				061	31° L. FLOW LINE	
				083	42° L. TOP BRK.	
				085	50 L.	
58+00				0597	℄	
				0586	10° L. EDGE PAVE	
				047	31° L. FLOW LINE	
				071	43° L. TOP BRK.	
				072	50 L.	
58+50				0456	℄	
				0445	11° L. EDGE PAVE	
				033	30° L. FLOW LINE	
				062	40° L. TOP BRK.	
				057	50 L.	
59+00				0309	℄	
				0309	11° L. EDGE PAVE	
				018	30° L. FLOW LINE	
				25045	42° L. TOP BRK.	

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by HENDONCA Notes J.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Index G. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 112

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
59+00				25041	50 L.	
59+50				0183	℄	
				0187	11° L. EDGE PAVE	
				006	29° L. FLOW LINE	
				032	42° L. TOP BRK.	
				023	50 L.	
60+00				0047	℄	
				250051	10.7 L. EDGE PAVE	
				24994	29° L. FLOW LINE	
				25015	42° L. TOP BRK.	
				25008	50 L.	
60+50				249924	℄	
				9924	11.1 L. EDGE PAVE	
				24983	29° L. FLOW LINE	
				25001	40° L. TOP BRK.	
				24995	50 L.	
61+00				9796	℄	
				9789	10.8 L. EDGE PAVE	
				972	29° L. FLOW LINE	
				985	43° L. TOP BRK.	
				24981	50 L.	

F. B. 4144 PG. 114 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDOZA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G.D. BAILEY Date AUG 19 79 Date 8/19/75 Date No.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
61+50				249671	℄
				9667	11° L. EDGE PAVE
				960	28° L. FLOW LINE
				973	43° L. TOP BRK.
				970	50 L.
62+00				9552	℄
				9555	11 L. EDGE PAVE
				950	28° L. FLOW LINE
				964	43° L. TOP BRK.
				961	50 L.
62+50				9444	℄
				9432	11 L. EDGE PAVE
				938	27° L. FLOW LINE
				951	40° L. TOP BRK.
				946	50 L.
63+00				9339	℄
				9327	11° L. EDGE PAVE
				928	26° L. FLOW LINE
				942	40° L. TOP BRK.
				935	50 L.
63+50				249220	℄

Profile Notes Red ____ Plotted ____ Job No. 30-14-47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes N.H. Date 8-15
No. ____ Date 8/19/75 Date ____ Map No. ____ Index G.D. BAILEY Date AUG 19 75

F.B. 4144 PG. 115

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90.85

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
63+50				249214	11 1 L. EDGE PAVE	
				917	26 0 L. FLOW LINE	
				931	38 0 L. TOP BRK.	
				924	50 L.	
64+00				9118	℄	
				9101	11 4 L. EDGE PAVE	
				906	26 0 L. FLOW LINE	
				919	40 0 L. TOP BRK.	
				914	50 L.	
64+50				9013	℄	
				9000	11 6 L. EDGE PAVE	
				896	26 0 L. FLOW LINE	
				910	40 0 L. TOP BRK.	
				907	50 L.	
65+00				8922	℄	
				8913	11 4 L. EDGE PAVE	
				886	27 0 L. FLOW LINE	
				902	40 0 L. TOP BRK.	
				896	50 L.	
65+50				8826	℄	
				248808	11 5 L. EDGE PAVE	

F. B. 4144 Pg. 116 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST. #4 | Date | Date | No.
Survey by MENDONCA | Notes J.M. | Notes Chk'd. | Checked | X-Sec.
Indexed G.D. BAILEY | Date AUG 19 '75 | Date 8/19/75 | Date | No.

76-L-298 CE 307 8-70

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84.74

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
65+50				24876	26° L. FLOW LINE
				892	40° L. TOP BRK.
				887	50 L.
66+00				8739	℄
				8707	11 3/4 L. EDGE PAVE
				864	26° L. FLOW LINE
				882	40° L. TOP BRK.
				879	50 L.
66+50				8638	℄
				8611	11 3/4 L. EDGE PAVE
				854	26° L. FLOW LINE
				870	40° L. TOP BRK.
				867	50 L.
67+00				8538	℄
				8518	11° L. EDGE PAVE
				843	26° L. FLOW LINE
				862	40° L. TOP BRK
				857	50 L.
67+50				8461	℄
				8439	11 1/4 L. EDGE PAVE
				24833	26° L. FLOW LINE

Profile Notes Red ____ Plotted ____ Job No. 5044.41 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. 4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by McWhorter Notes C.M. Date 8-75
No. ____ Date 8/18/75 Date ____ Map No. ____ Index ____ R. D. BAILEY Date AUG 19 '75

F. B. 4144 PG. 111

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
67+50				24852	40° L. TOP BRK.	
				848	50 L.	
68+00				8367	℄	
				8348	11⁴ L. EDGE PAVE	
				826	26° L. FLOW LINE	
				845	40° L. TOP BRK.	
				834	50 L.	
68+50				8282	℄	
				8260	11⁴ L. EDGE PAVE	
				812	26° L. FLOW LINE	
				832	40° L. TOP BRK.	
				823	50 L.	
69+00				8187	℄	
				8173	11³ L. EDGE PAVE	
				803	26° L. FLOW LINE	
				822	35° L. TOP BRK.	
				815	50 L.	
69+50				8102	℄	
				8084	11³ L. EDGE PAVE	
				795	26° L. FLOW LINE	
				24810	35° L. TOP BRK.	

F. B. 4144 Pg. 118 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W. W. DIST #4 | Date | Date | No.
Survey by MENDONCA Notes J. M. | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date AUG 19 '75 | Date 8/19/75 | Date | No.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
69+50				24803	50 L.	
70+00				8000	℄	
				7988	11³ L. EDGE PAVE	
				787	26° L. FLOW LINE	
				800	35° L. TOP BRK.	
				797	50 L.	
70+50				7918	℄	
—				7905	11³ L. EDGE PAVE	
				776	27° L. FLOW LINE	
				793	35° L. TOP BRK	
				789	50 L.	
71+00				7838	℄	
				7818	11³ L. EDGE PAVE	
				767	27° L. FLOW LINE	
				787	35° L. TOP BRK.	
				778	50 L.	
71+50				7760	℄	
				7738	11³ L. EDGE PAVE	
				759	27° L. FLOW LINE	
—				780	35° L. TOP BRK.	
				24767	50 L.	

Profile Notes Red ____ Plotted ____ Job No. 534+47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes L.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 119

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
72+00				2476 79	℄	
				76 63	11³ L. EDGE PAVE	
				750	27° L. FLOW LINE	
				771	35° L. TOP BRK.	
				765	50 L.	
72+50				7606	℄	
				7583	11² L. EDGE PAVE	
				742	27° L. FLOW LINE	
				763	35° L. TOP BRK.	
				753	50 L.	
73+00				7524	℄	
				7508	11² L. EDGE PAVE	
				734	27° L. FLOW LINE	
				756	35° L. TOP BRK.	
				750	50 L.	
73+50				7422	℄	
				7407	11² L. EDGE PAVE	
				725	27° L. FLOW LINE	
				751	35° L. TOP BRK.	
				740	50 L.	
74+00				7473 16	℄	

F. B. 4144 PG. 120 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST. #4 | Date | Date | No.
Survey by MENDONCA | Notes J. M. | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date AUG 19 | Date 8/19/75 | Date | No.

76-L-298 CE 307 8-70

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72.64

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
74+00				2473.08	11° L. EDGE PAVE	
				717	27° L. FLOW LINE	
				743	35° L. TOP BRK.	
				735	50 L.	
74+50				7221	℄	
				7213	11° L. EDGE PAVE	
				709	27° L. FLOW LINE	
				732	35° L. TOP BRK	
				728	50 L.	
75+00				7138	℄	
				7131	11° L. EDGE PAVE	
				702	27° L. FLOW LINE	
				721	35° L. TOP BRK.	
				721	50 L.	
75+50				7061	℄	
				7046	11° L. EDGE PAVE	
				695	27° L. FLOW LINE	
				711	36° L. TOP BRK.	
				709	50 L.	
76+00				6977	℄	
				2469.69	11° L. EDGE PAVE	

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes J.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Index No. G.D. BAILEY Date AUG 19 '75

F. B. 4144 PG. 121

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66.91

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
76+00				24686	27° L. FLOW LINE
				703	36° L. TOP BRK.
				699	50 L.
76+50				6893	℄
				6890	11¹ L. EDGE PAVE
				678	27° L. FLOW LINE
				697	37° L. TOP BRK.
				691	50 L.
77+00				6823	℄
				6822	11² L. EDGE PAVE
				669	27° L. FLOW LINE
				688	37° L. TOP BRK.
				681	50 L.
77+50				6756	℄
				6744	11² L. EDGE PAVE
				662	27° L. FLOW LINE
				682	38° L. TOP BRK.
				675	50 L.
78+00				6681	℄
				6669	11³ L. EDGE PAVE
				24654	27° L. FLOW LINE

F. B. 4144 PG. 122 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
78+00				24675	38° L. TOP BRK
				672	50 L.
78+50				6614	℄
				6598	11³ L. EDGE PAVE
				645	27° L. FLOW LINE
				669	38° L. TOP BRK.
				666	50 L.
79+00				6535	℄
				6526	11³ L. EDGE PAVE
				638	27° L. FLOW LINE
				663	38° L. TOP BRK.
				656	50 L.
79+50				6461	℄
				6448	11³ L. EDGE PAVE
				630	28° L. FLOW LINE
				653	39° L. TOP BRK
				648	50 L.
80+00				6393	℄
				6381	11³ L. EDGE PAVE
				624	28° L. FLOW LINE
				24647	39° L. TOP BRK

Profile Notes Red ____ Plotted ____ Job No. S044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by LEANDON C.A. Notes W.M. Date 8-75
No. ____ Date 8/18/75 Date ____ Map No. ____ Indexed D. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 123

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
80+00				24640	50 L.	
80+50				6321	℄	
				6314	11.4 L. EDGE PAVE	
				617	28.0 L. FLOW LINE	
				634	39.0 L. TOP BRK.	
				625	50 L.	
81+00				6227	℄	
				6217	11.5 L. EDGE PAVE	
				611	28.0 L. FLOW LINE	
				622	39.0 L. TOP BRK.	
				616	50 L.	
81+40.36				6160	℄ (℄ INT. OF 60TH ST. W. & AVE. L-8) (PAVE)	
81+50				6145	℄	
				6142	11.5 L. EDGE PAVE	
				604	30.0 L. FLOW LINE	
				613	40.0 L. TOP BRK.	
				605	50 L.	
81+68.0				6117	℄	
				6114	11.5 L. EDGE PAVE	(℄ BIKE PATH)
				5992	30.0 L. FLOW LINE	" "
				246041	36.0 L. TOP BRK.	" "

F. B. 4144 Pg. 124 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST. #4 | Date | Date | No.
Survey by MENDONCA Notes J.H. | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date AUG 19 '75 | Date 8/19/75 | Date | No.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
81+68.0				246015	50 L. (℄ BIKE PATH)
82+00				6072	℄
				6059	11.5 L. EDGE PAVE
				593	26.0 L. FLOW LINE
				601	32.0 L. TOP BRK.
				5950	50 L. (PAVE)
82+50				5996	℄
				5980	11.5 L. EDGE PAVE
				584	23.0 L. FLOW LINE
				612	27.0 L. TOP BRK.
				590	32.0 L. BOT. BRK.
				5887	50 L. (PAVE)
83+00				5906	℄
				5895	11.6 L. EDGE PAVE
				578	23.0 L. FLOW LINE
				601	27.0 L. TOP BRK.
				585	34.0 L. BOT. BRK.
				5812	50 L. (PAVE)
83+50				5824	℄
				5810	11.6 L. EDGE PAVE
				24571	23.0 L. FLOW LINE

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of U.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by HENDONCA Notes H.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 '75

F. B. 4144 PG. 125

76-L-298 CE 307 8-70

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57.75
56.15

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
83+50				24601	27° L. TOP BRK.	
				578	34° L. BOT. BRK.	
				5755	50 L. (PAVE)	
84+00				5759	℄	
				5741	11' L. EDGE PAVE	
				563	23° L. FLOW LINE	
				593	27° L. TOP BRK.	
				576	32° L. BOT. BRK.	
				578	50 L. (PAVE)	
84+50				5706	℄	
				5700	11' L. EDGE PAVE	
				556	23° L. FLOW LINE	
				572	32° L. TOP BRK	
				571	50 L. (PAVE)	
85+00				5648	℄	
				5643	11° L. EDGE PAVE	
				546	28° L. FLOW LINE	
				562	36° L. TOP BRK.	
				5656	50 L. (PAVE)	
85+50				5579	℄	
				245562	11° L. EDGE PAVE	

F. B. 4144 PG. 126 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST. #4 | Date | Date | No.
Survey by HERNANDEZ | Notes | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date AUG 19 75 | Date 8/19/75 | Date | No.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
85+50				24537	30° L. FLOW LINE	
				554	36° L. TOP BRK.	
				5617	50 L. (PAVE)	
86+00				5502	℄	
				5477	11° L. EDGE PAVE	
				530	30° L. FLOW LINE	
				548	36° L. TOP BRK.	
				5554	50 L. (PAVE)	
86+50				5420	℄	
				5399	11° L. EDGE PAVE	
				522	30° L. FLOW LINE	
				539	36° L. TOP BRK.	
				5470	50 L. (PAVE)	
87+00				5340	℄	
				5315	12° L. EDGE PAVE	
				514	30° L. FLOW LINE	
				530	36° L. TOP BRK.	
				5373	50 L. (PAVE)	
87+50				5250	℄	
				5226	12° L. EDGE PAVE	
				24506	30° L. FLOW LINE	

Profile Notes Red ____ Plotted ____ Job No. 50444 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes J.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 75

F.B. 4144 PG. 127

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2450.82 (88+00)

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
87+50				24523	36° L. TOP BRK.	
				5280	50 L. (PAVE)	
88+00				5175	℄	
				5157	12° L. EDGE PAVE	
				498	30° L. FLOW LINE	
				514	36° L. TOP BRK.	
				5186	50 L. (PAVE)	
88+50				5104	℄	
				5080	12° L. EDGE PAVE	
				490	30.5 L. FLOW LINE	
				504	36° L. TOP BRK.	
				5088	50 L. (PAVE)	
89+00				5026	℄	
				5004	12° L. EDGE PAVE	
				482	31° L. FLOW LINE	
				494	36° L. TOP BRK.	
				4975	50 L. (PAVE)	
89+50				4938	℄	
				4917	12° L. EDGE PAVE	
				474	31° L. FLOW LINE	
				24486	36° L. TOP BRK.	

F. B. 4144 PG. 128 Job No. 5044.47 Division No. Notes Red. Plotted Profile
Survey of W.W. DIST. # 4 Date Date No.
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Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
89+50				244891	50 L. (PAVE)
90+00				4849	℄
				4843	12° L. EDGE PAVE
				465	31° L. FLOW LINE
				477	36° L TOP BRK.
				4805	50 L. (PAVE)
90+50				4769	℄
				4744	12° L. EDGE PAVE
				457	31° L. FLOW LINE
				467	36° L. TOP BRK.
				4712	50 L. (PAVE)
91+00				4674	℄
				4654	12° L. EDGE PAVE
				450	31° L. FLOW LINE
				460	36° L. TOP BRK
				4625	50 L. (PAVE)
91+50				4578	℄
				4559	12° L. EDGE PAVE
				443	31° L. FLOW LINE
				453	36° L. TOP BRK.
				244560	50 L. (PAVE

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
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No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed D.D. BAILEY Date AUG 19 '75

F. B. 4144 PG. 129

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43.73

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
92+00				244480	℄	
				4455	12' L. EDGE PAVE	
				435	31° L. FLOW LINE	
				444	36° L. TOP BRK.	
				4483	50 L. (PAVE)	
92+50				4389	℄	
				4363	12' L. EDGE PAVE	
				428	31° L. FLOW LINE	
				436	36° L. TOP BRK.	
				4415	50 L. (PAVE)	
93+00				4298	℄	
				4280	12' L. EDGE PAVE	
				422	31° L. FLOW LINE	
				430	36° L. TOP BRK.	
				4336	50 L. (PAVE)	
93+50				4208	℄	
				4180	12' L. EDGE PAVE	
				414	31° L. FLOW LINE	
				422	36° L. TOP BRK.	
				4245	50 L. (PAVE	
94+00				244118	℄	

F. B. 4144 PG. 130 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes L.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date AUG 19 '75 Date G. D. BAILEY No.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
94+00				244069	18 L. EDGE PAVE
				407	34 L. FLOW LINE
				413	43 L. TOP CURB
				4147	50 L. (PAVE)
94+50				4059	℄
				3947	40 L. ℄ CROSS GUTTER
				3987	58 L. GUTTER
				4041	58 L. TOP CURB
94+69				3991	℄
				3911	40 L. ℄ CROSS GUTTER
				3933	50 L. SOUTH EDGE PAVE
94+91				3956	℄
				3873	40 L. ℄ CROSS GUTTER
				3899	64 L. GUTTER
				3965	64 L. TOP CURB
95+17				3913	℄
				3830	40 L. GUTTER
				3895	40 L. TOP CURB
				390	50 L.
95+50				3857	℄
				243772	40 L. GUTTER

Profile Notes Red ____ Plotted ____ Job No. 70447 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. # 4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Newport Notes L.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Index L.D. BAILEY Date AUG 19 75

F. B. 4144 PG. 131

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26.95

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
95+50				243836	40° L. TOP CURB	
				385	50 L.	
96+00				3776	℄	
				3687	40° L. GUTTER	
				3751	40° L. TOP CURB	
				376	50 L.	
96+50				3676	℄	
				3595	40° L. GUTTER	
				3660	40° L. TOP CURB	
				366	50 L.	
97+00				3588	℄	
				3511	40° L. GUTTER	
				3577	40° L. TOP CURB	
				357	50 L.	
97+50				3508	℄	
				3423	40° L. GUTTER	
				3487	40° L. TOP CURB	
				349	50 L.	
98+00				3428	℄	
				3342	40° L. GUTTER	
				243406	40° L. TOP CURB	

F. B. 4144 Pg. 132 Job No. 504447 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 75 Date 8/19/75 Date No.

76-L-298 CE 307 8-70

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30.93

STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST.	WEST
98+00				24340	50 L,	
98+50				3343	℄	
				3260	40° L. GUTTER	
				3325	40° L. TOP CURB	
				331	50 L.	
99+00				3246	℄	
				3175	40° L. GUTTER	
—				3239	40° L. TOP CURB	
				323	50 L.	
99+50				3165	℄	
				3092	40° L. GUTTER	
				3156	40° L. TOP CURB	
				3175	50 L, (CONC. WALK)	
100+00				3096	℄	
				3009	40° L. GUTTER	
				3074	40° L. TOP CURB	
				307	50 L.	
100+50				3021	℄	
				2934	40 L. GUTTER	
—				2999	40 L. TOP CURB	
				24300	50 L.	

Profile Notes Red ____ Plotted ____ Job No. 5044.41 Division No. ____
No. ____ Date ____ Date ____ Survey of W. W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONICA Notes 4-14 Date 8-15
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 133

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	60TH ST. WEST
101+00				2429 49	℄
				28 74	40° L. GUTTER
				29 40	40° L. TOP CURB
				293	50° L.
101+35 93				29 08	℄ (1/64 SEC. COR.) (PAVE)
101+50				28 95	℄
				28 13	40° L. GUTTER
				28 79	40° L. TOP CURB
				287	50 L.
FD T.B.M. #60W-L2				2429 10	T.B.M. #60W-L2 UNADJ. EL. = 2429.120 F.B. 4144-81 AT ℄ INT. OF 60TH ST. W. & AVE. L-2. A S.W.T., FL.

F. B. 4144 Pg. 134 Job No. 50-14.47 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONKA Notes J. M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date 1 9 75 Date 8/19/75 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE. M
B.M. #104-15				251378	B.M. #104-15 1973 ADJ. ELEV. = 2513.782 F.B. 2416-135 WSTLY OF QUARTZ HILL, AT ℄ INT. OF AVE. M & 60TH ST. W. A C.S. PRECAST MON. SET 21" BELOW THE SURFACE UNDER A CAST IRON COVER & INSCRIBED "COUNTY SURVEYOR MONUMENT SECTION CORNER 34, 35, 3, 2 T.7N. T.6N. R.13W. 1927"
1+00				1563	℄ ℄ INT. OF AVE. M & 60TH ST. W. (PAVE)
1+24.7				1514	℄
1+50				1569	℄
				1607	16.5 L. EDGE PAVE
				163	29.0 L. FLOW LINE
				191	36.0 L. TOP BRK.
				191	50 L.
2+00				1716	℄
				1729	11.6 L. EDGE PAVE
				173	21.5 L. FLOW LINE
				206	29.0 L. TOP BRK.
				208	50 L.
2+50				1854	℄
				1859	11.3 L. EDGE PAVE
				184	20.0 L. FLOW LINE
				215	27.0 L. TOP BRK
				25212	50 L.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____ F.B. 4144 PG. 135

X-Sec. No. ____ Date ____ Date ____ Survey of W. W. DIST. #4

Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes J.M. Date 8-15

Date 8/19/75 Date ____ Map No. ____ Indexed G.D. BAILEY Date AUG 19 75

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20.07

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F. B. 4144 PG. 136 | Job No. 5044,47 | Division No. | Notes Red | Plotted | Profile No.
Survey of W. W. DIST. #4 | Date | Date | X-Sec. No.
Survey by MENDONCA | Notes T.M. | Notes Chk'd. | Checked
Indexed G. D. BAILEY | Date | Date 8/4/75 | Date

STATION	B. S.	H. I.	F. S.	ELEV.	AVE.	M
3+00				2519.76	℄	
				1990	11.3 L. EDGE PAVE	
				195	20.2 L. FLOW LINE	
				226	27 L. TOP BAR	
				223	50 L.	
3+50				2075	℄	
				2089	11.3 L. EDGE PAVE	
				2015	20° L. FLOW LINE	
				2236	27° L. TOP BAR	
				232	50 L.	
4+00				2159	℄	
				2163	11.2 L. EDGE PAVE	
				213	20.2 L. FLOW LINE	
				241	27° L. TOP BAR	
				239	50 L.	
4+50				2242	℄	
				2248	11.2 L. EDGE PAVE	
				219	20.2 L. FLOW LINE	
				249	27° L. TOP BAR	
				247	50 L.	
5+00				2523.20	℄	

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24.08

STATION	B. S.	H. I.	F. S.	ELEV.	AVE.	M
5+00				252326	11' L. EDGE PAVE	
				229	20° L. FLOW LINE	
				258	27° L. TOP BRK.	
				257	50 L.	
5+50				2393	℄	
				2405	11' L. EDGE PAVE	
				240	20° L. FLOW LINE	
				270	27° L. TOP BRK.	
				267	50 L.	
6+00				2468	℄	
				2476	11° L. EDGE PAVE	
				246	20° L. FLOW LINE	
				278	27° L. TOP BRK.	
				280	50 L.	
6+50				2540	℄	
				2542	11° L. EDGE PAVE	
				252	20° L. FLOW LINE	
				280	27° L. TOP BRK.	
				280	50 L.	
7+00				2595	℄	
				252600	10° L. EDGE PAVE	

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____ F. B. 4144 Pg. 137
No. ____ Date ____ Date ____ Survey of W. W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONCA Notes J. M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date AUG 19 '75

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE.	M
7+00				25255	20° L. FLOW LINE	
				286	27° L. TOP BRK.	
				282	50 L.	
7+50				2646	℄	
				2651	10° L. EDGE PAVE	
				259	20° L. FLOW LINE	
				288	27° L. TOP BRK	
				286	50 L.	
8+00				2700	℄	
				2705	10° L. EDGE PAVE	
				265	20° L. FLOW LINE	
				293	27° L. TOP BRK.	
				285	50 L.	
8+50				2761	℄	
				2772	10° L. EDGE PAVE	
				271	20° L. FLOW LINE	
				298	27° L. TOP BRK	
				292	50 L.	
9+00				2822	℄	
				2834	10° L. EDGE PAVE	
				25279	20° L. FLOW LINE	

F. B. Pg. 138 Job No. 5044.47 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. #4 Date Date No.
Survey by MENDONCA Notes J. M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date AUG 19 '75 Date 8/19/75 Date No.

76-L-298 CE 307 8-70

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28.25

STATION	B. S.	H. I.	F. S.	ELEV.	AVE.	M
9+00				25300	27° L. TOP BRK.	
				300	50 L.	
9+50				2891	℄	
				2893	10 7 L. EDGE PAVE	
				284	20° L. FLOW LINE	
				312	27° L. TOP BRK.	
				310	50 L.	
10+00				2956	℄	
				2958	10 7 L. EDGE PAVE	
				289	20° L. FLOW LINE	
				321	27° L. TOP BRK.	
				319	50 L.	
10+50				3004	℄	
				3007	10 7 L. EDGE PAVE	
				294	20° L. FLOW LINE	
				325	27° L. TOP BRK.	
				323	50 L.	
11+00				3040	℄	
				3042	10 8 L. EDGE PAVE	
				300	20° L. FLOW LINE	
				25327	27° L. TOP BRK.	

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W. W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MEADOWS Notes W.M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Index R. D. BAILEY Date 1975

F. B. 4144 PG. 139

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE.	M
11+00				25324	50 L.	
11+50				3043	℄	
				3055	10⁸ L. EDGE PAVE	
				302	20° L. FLOW LINE	
				336	27° L. TOP BRK.	
				330	50 L.	
12+00				3054	℄	
				3074	10⁸ L. EDGE PAVE	
				304	20° L. FLOW LINE	
				338	27° L. TOP BRK.	
				341	50 L.	
12+50				3130	℄	
				3143	10⁹ L. EDGE PAVE	
				307	20° L. FLOW LINE	
				337	27° L. TOP BRK	
				344	50 L.	
13+00				3211	℄	
				3226	10⁹ L. EDGE PAVE	
				314	20° L. FLOW LINE	
				345	27° L. TOP BRK.	
				25347	50 L.	

F. B. 4144 PG. 140 | Job No. 5044.47 | Division No. | Notes Red | Plotted | Profile
Survey of W. W. DIST. #4 | Date | Date | No.
Survey by MENDONCA | Notes J. M. | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date AUG 19 '75 | Date 8/19/75 | Date | No.

76-L-298 CE 307 8-70

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32.16

STATION	B. S.	H. I.	F. S.	ELEV.	AVE.	M
13+50				253275	℄	
				3285	11° L. EDGE PAVE	
				321	20° L. FLOW LINE	
				352	27° L. TOP BRK.	
				349	50 L.	
14+00				3328	℄	
				3336	11° L. EDGE PAVE	
—				329	20° L. FLOW LINE	
				356	27° L. TOP BRK.	
				353	50 L.	
14+21 31				3354	℄ (1/16 SEC. COR.)	(PAVE)
14+50				3393	℄	
				3403	11 1 L. EDGE PAVE	
				336	20° L. FLOW LINE	
				362	27° L. TOP BRK.	
				357	50 L.	
15+00				3484	℄	
				3494	11 2 L. EDGE PAVE	
				344	20° L. FLOW LINE	
—				370	27° L. TOP BRK.	
				25367	50 L.	

Profile Notes Red ____ Plotted ____ Job No. 5044.47 Division No. ____
No. ____ Date ____ Date ____ Survey of W. W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENDONKA Notes J. M. Date 8-75
No. ____ Date 8/19/75 Date ____ Map No. ____ Indexed R. D. BAILEY Date AUG 19 75

F. B. 4144 PG. 141

76-L-298 CE 307 8-70

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F. B. 4144 PG. 142 | Job No. 5044.47 | Division No. DIST. #4 | Notes Red | Plotted | Profile No.
Survey of W. W. | Date | Date | X-Sec. No.
Survey by MENDONCA | Notes J.M. | Notes Chk'd | Checked
Indexed G. D. BAILEY | Date MAR 19 75 | Date 8/19/75

STATION	B. S.	H. I.	F. S.	ELEV.	AVE.	M
15+50				2535.77	℄	
				35.92	11' L. EDGE PAVE.	
				3.53	20' L. FLOW LINE	
				3.80	27' L. TOP BAK.	
				3.77	50 L.	
16+00				36.83	℄	
				36.99	11' L. EDGE PAVE	
				36.5	20' L. FLOW LINE	
				39.4	27' L. TOP BAK.	
				38.9	50 L.	
16+50				38.17	℄	
				38.22	11' L. EDGE PAVE	
				37.8	20' L. FLOW LINE	
				40.8	27' L. TOP BAK.	
				40.4	50 L.	
FD. TBM #M-62A				2536.82	T.B.M. #M-62A UNADJ. ELEV. = 2536.826 F.B. 4144-83 178.69 WEST OF ℄ INT. OF AVE. M & 62ND ST. W. A S.W.T., FLUSH.	

Profile No.	Notes Red	Plotted	Job No. 2569.14	Division No.	F. B. 4144 PG. 143
	Date	Date	Survey of WW #4 Ave I @ 23rd St		
X-Sec. No.	Notes Chk'd.	Checked	Survey by Dougherty Notes VNID	Date 8-1-75	
	Date	Date	Map No.	Indexed	Date

CI. 2569.14

WW#4 Lancaster (Const.)

Construction Stakes for 12" Water Main – 450' West of 20th St. West to 23rd St. West

Aug 1, 1975

Dougherty
Van Ness
Hill
Egstrom

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

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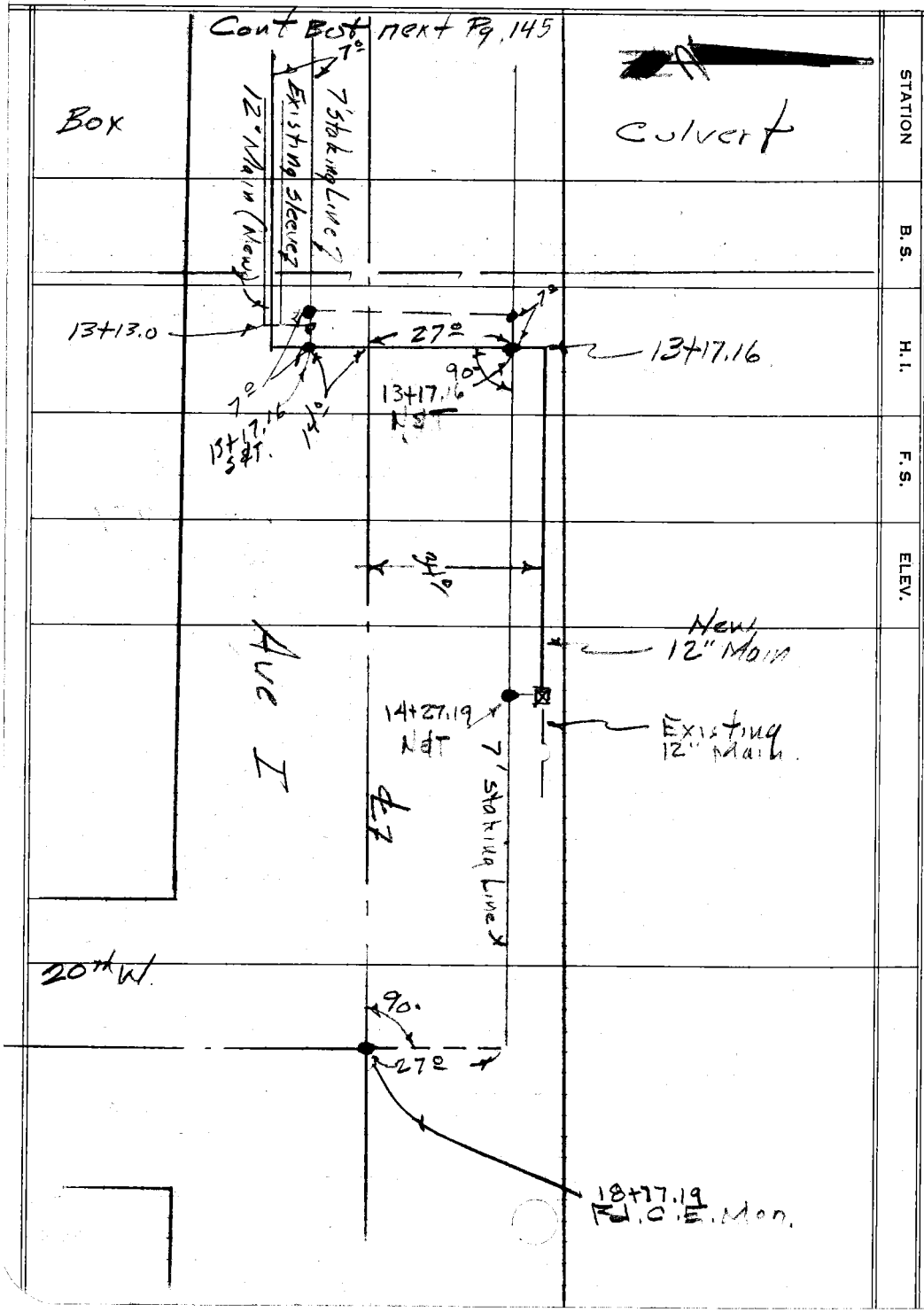
76-L-298 CE 307 8-70

F. B. 4144 PG. 144 Job No. 2569.14 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of WW #4 Ave I & 23rd St W Date _____ Date _____ No. _____

Survey by JND Notes J.N.D. Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____



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

76-L-298 CE 307 8-70

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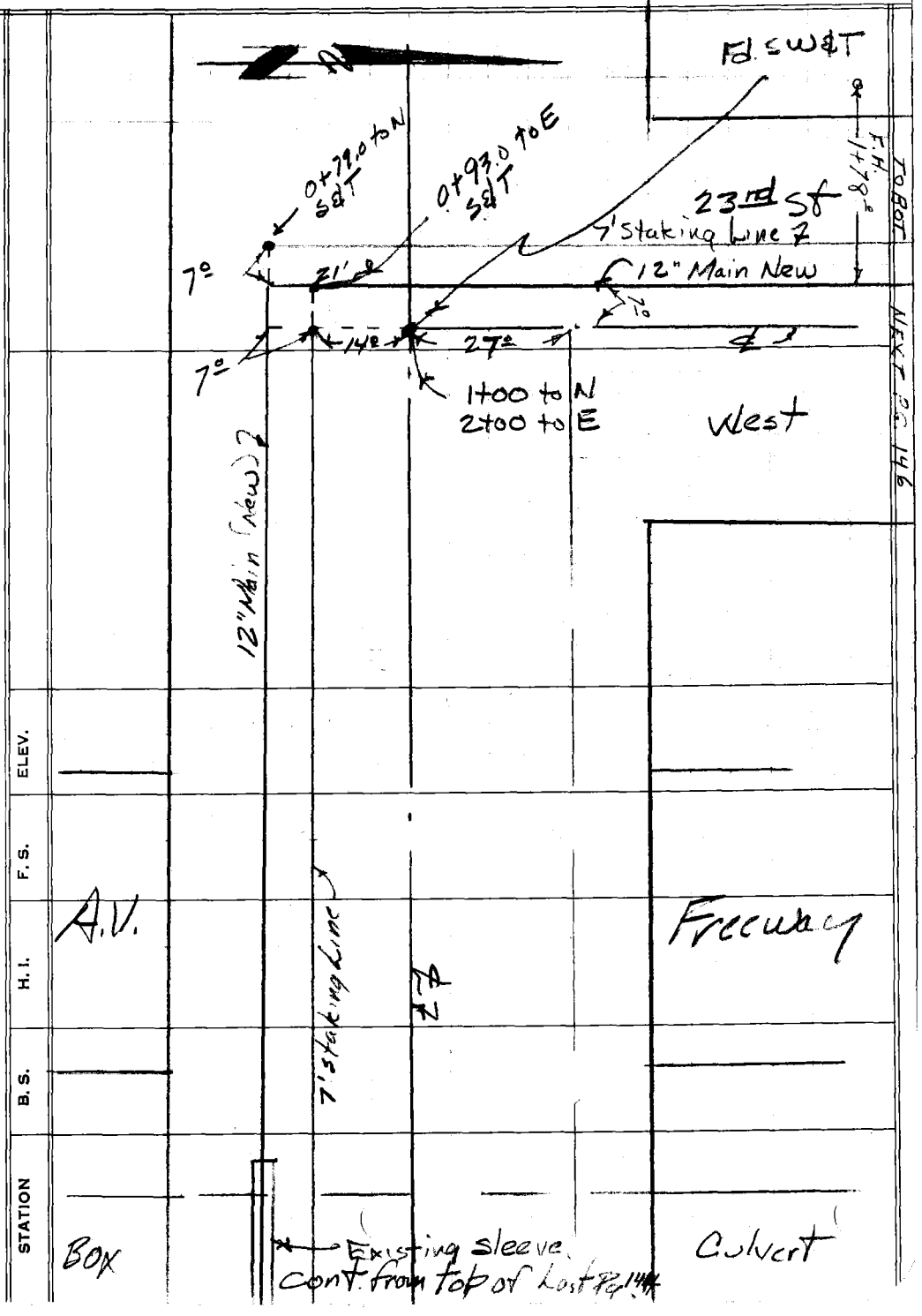
F. B. 4144 PG. 145

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 2569.14 Division No. ____
Survey of W/W #4 Ave I ℄
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date ____
Map No. ____ Indexed ____ Date ____



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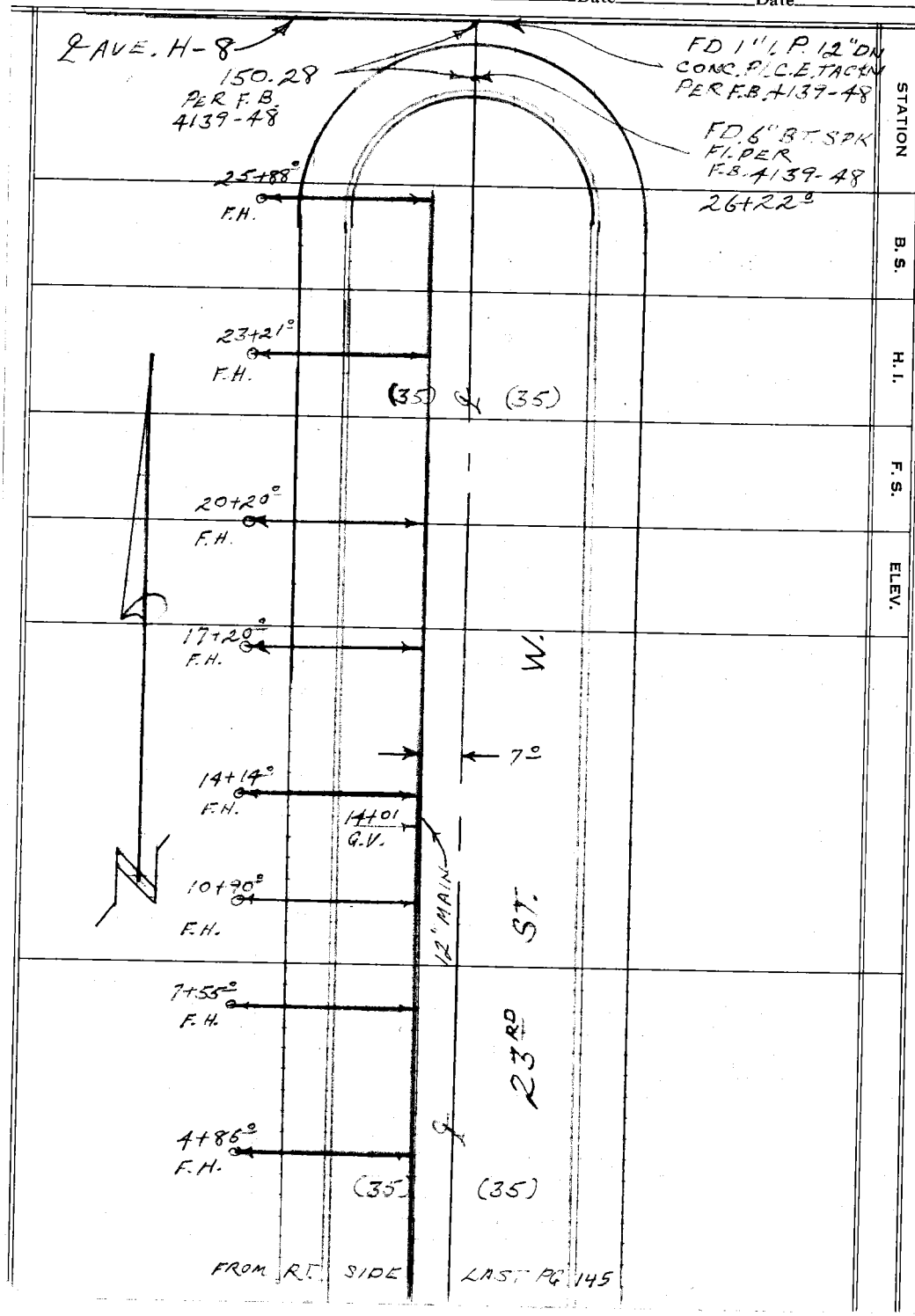
76-L-298 CE 307 8-70

F. B. 4144 Pg. 146 Job No. 256914 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of W. W. #4 AVE. I & 23RD ST. W. Date _____ Date _____ No. _____

Survey by JND Notes VANNESS Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date 8-1-75 Date _____ Date _____ No. _____



76-L-299 CE 307 8-70

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760865—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER
LOS ANGELES COUNTY, CALIFORNIA

Page No. 10

Street 7TH ST. EAST (℄ TRENCH)

S. D. No. 5044.29

From 10+19

To 36+00

SURVEYED BY MENDONCA Date AUG. 1975

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, refer to bottom of ~~invert~~ pipe, and are below reference stakes set 5 feet to the left of the center line of the PIPE LINE ~~connecting up grade~~. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
10+00	—	℄ OF AVE. K	
10+19	JOIN		
10+40	4.62		
10+50	4.56		
10+77	4.45		
11+00	4.52		
11+50	4.70		
12+00	4.71		
12+50	4.69		
13+00	4.93		
13+50	5.08		
14+00	5.31		
14+50	5.45		
15+00	5.47		
15+50	5.37		
16+00	5.61		
16+50	5.90		
17+00	6.05		
17+04	—	TEE to F.H.	
17+50	6.00		
18+00	5.95		
18+50	5.30		
19+00	4.64		

(2)

7TH ST. EAST
(℄ TRENCH)

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
19+50	4.60		
20+00	4.69		
20+50	4.73		
21+00	4.89		
21+50	5.18		
22+00	5.03		
22+50	5.04		
22+80	—	TEE to F.H.	
23+00	5.39		
23+24.75	—	℄ OF AVE. K-4	
23+31.75	5.47	8" CROSS	
23+50	5.51		
24+00	5.30		
24+50	5.05		
25+00	4.99		
25+50	4.86		
26+00	4.69		
26+50	4.52		
27+00	4.53		
27+50	4.73		
28+00	4.65		
28+50	4.69		
29+00	4.80		
29+10	—	TEE to F.H.	
29+50	4.93		
30+00	4.93		
30+50	4.82		
31+00	4.78		
31+50	4.80		
32+00	5.03		
32+50	5.15		
33+00	5.22		
33+50	5.25		
34+00	5.03		
34+50	4.78		
35+00	4.36		

760865—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Page No. 3

Street 7TH ST. EAST (℄ TRENCH)

C. I. No. 5044.29

From 10+19

To 36+00

SURVEYED BY MENDONCA Date AUG. 1975

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, refer to bottom of ~~[illegible]~~ pipe, and are below reference ~~stakes~~ spikes set 5 feet to the ~~left~~ right of the center line of the PIPE LINE ~~[illegible]~~. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
35+50	4.39		
35+87	—	TEE to F.H.	
36+00	4.64		

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

760865—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Page No. 8

Street 7TH ST. EAST (℄ TRENCH)

G. I. No. 5044.29

From 36+40

To 49+57.98

SURVEYED BY MENDONCA Date AUG. 1975

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, refer to bottom of pipe, and are below reference stakes set 5 feet to the right of the center line of the PIPELINE. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
36+40	4.51		
36+49.50	—	℄ OF AVE. K-8	
36+56.50	4.45	8" CROSS	
37+00	4.72		
37+50	4.77		
38+00	4.79		
38+50	4.72		
39+00	4.72		
39+50	4.66		
40+00	4.81		
40+50	4.75		
41+00	4.80		
41+50	4.78		
42+00	4.83		
42+50	4.90		
43+00	4.85		
43+09	4.89	TEE to F.H.	
43+50	4.92		
44+00	4.88		
44+50	4.87		
45+00	4.94		
45+50	4.76		
46+00	4.83		

7TH ST. EAST
(℄ TRENCH)

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
46+50	4.82		
47+00	4.73		
47+50	4.83		
48+00	4.78		
48+50	4.81		
49+00	4.87		
49+25	4.91	TEE to F.H.	
49+57.98	4.88	8" CROSS	

76G865—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

Page No.

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Street AVE. K-4 (℄ TRENCH)

C. I. No. 5044.29

From 26+26 90

To 33+33

SURVEYED BY MENDONCA Date AUG. 1975

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, refer to bottom of ~~inside of~~ pipe, and are below reference ~~stakes~~ spikes set 5 feet to the ~~right~~ left of the center line of the PIPE LINE ~~sewer, lighting up grade.~~ Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
26+26 90	4 76	8" G.V.	
26+33 90	4 84	8"X4" TEE	
26+50	4 71		
27+00	4 72		
27+50	4 92		
28+00	4 73		
28+50	4 48		
29+00	4 51		
29+50	5 07		
29+80 69	5 50	GRD. BRK.	
29+86 69	5 56	" "	
30+03 47	5 44	" " (℄ 7TH ST. E.)	
30+10 47	5 50	8" CROSS	
30+20 25	5 86	GRD. BRK.	
30+26 25	5 93	" "	
30+50	5 81		
30+75	5 59	GRD. BRK.	
31+00	5 18		
31+25	4 81	GRD. BRK.	
31+50	4 52		
31+75	4 51	GRD. BRK.	
32+00	4 62		
32+50	4 86		

AVE. [redacted] K-4
(℄ TRENCH)

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
33+00	4.83		
33+30.78	4.67	TEE to F.H.	
33+33	4.63	8" G.V.	

760865—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

Page No.

OFFICE OF COUNTY ENGINEER
LOS ANGELES COUNTY, CALIFORNIA

Street 7TH ST. EAST (METERS)

C. I. No. 5044.29

From AVE. K

To AVE. K-4

SURVEYED BY MENDONCA Date AUG. 1975

CONTRACTORS, ATTENTION ~~[illegible]~~ TOP OF CURB Cuts are given in feet and hundredths, refer to ~~[illegible]~~, and are below reference stakes ~~[illegible]~~ set 5 feet ~~[illegible]~~ FROM BACK SIDE OF CURB ~~[illegible]~~. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	FILL OR CUT IN FEET	REMARKS	INVERT ELEVATION
13+94.2	C-0.44	EAST	
14+00.0	C-0.56	WEST	
14+27.0	C-0.91	WEST	
14+60.4	C-1.39	EAST	
14+83.1	C-0.58	WEST	
14+88.5	C-1.18	EAST	
16+13.5	C-1.19	WEST	
16+58.5	C-1.24	EAST	
17+09.7	C-1.69	WEST	
17+63.2	C-2.01	EAST	
18+41.0	C-0.04	WEST	
18+54.7	C-1.61	EAST	
19+08.0	C-0.76	EAST (NO OLD METER)	
19+21.5	F-0.31	WEST	
19+51.8	C-0.15	WEST	
19+85.0	C-0.41	EAST	
20+30.5	F-0.32	WEST	
20+59.5	F-0.24	WEST	
20+71.3	C-0.35	EAST	
21+25.0	C-0.84	EAST	
21+70.0	C-0.15	WEST	
22+70.3	C-0.36	WEST	
22+74.5	C-1.20	EAST	

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

760865—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Page No. 1

Street 7TH ST. EAST (METERS)

C. I. No. 5044.29

From AVE. K-4

To AVE. K-8

SURVEYED BY MENDONCA Date AUG. 1975

CONTRACTORS, ATTENTION ~~A~~ TOP OF CURB Cuts are given in feet and hundredths, refer to ~~bottom of inside of pipe~~ and are below reference ~~spikes~~ stakes set 5 feet ~~to the left right of the center line of the sewer looking up grade~~ FROM BACK SIDE OF CURB. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET (FILL OR)	REMARKS	INVERT ELEVATION
23+93.5	C-1.23	EAST	
24+26.5	C-0.23	WEST	
24+28.0	C-1.32	EAST	
25+29.5	C-1.43	EAST	
26+31.0	F-0.35	WEST	
26+33.0	F-0.31	WEST	
26+42.5	C-0.42	EAST	
26+82.0	F-0.28	WEST	
27+47.5	C-0.44	EAST	
27+92.5	C-0.01	WEST	
28+03.0	C-0.26	EAST	
28+96.0	C-0.50	EAST	
29+38.0	C-0.84	EAST	
29+77.5	C-0.38	WEST	
29+84.5	C-0.32	WEST	
30+64.5	F-0.09	WEST	
30+69.0	C-0.95	EAST	
32+07.0	C-1.30	EAST	
32+14.0	F-0.16	WEST	
32+57.0	C-1.25	EAST	
33+28.0	C-0.55	WEST	
33+37.0	C-0.48	EAST	
33+63.5	C-0.22	WEST	

2

7TH ST. E. (METERS)

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
34+15 0	F-0 10	EAST	
34+33 0	C-0 15	WEST	
34+53 0	F-0 29	EAST	
34+75 5	F-0 13	EAST	
35+73 0	F-0 32	EAST	
36+16 5	C-1 37	WEST	

760865—CE 535—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER
LOS ANGELES COUNTY, CALIFORNIA

Page No.

Street AVE. K-4 (METERS)

C. L. No. 5044.29

From 27+94

To 32+91

SURVEYED BY MENDONCA Date AUG. 1975

CONTRACTORS, ATTENTION: Cuts are given in feet and hundredths, refer to ~~bottom of inside of pipe~~ TOP OF CURB, and are below reference ~~stakes~~ ~~splices~~ set 5 feet ~~to the left right of the center line of the~~ FROM BACK SIDE OF CURB ~~sewer looking up grade~~. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET (FILL OR)	REMARKS	INVERT ELEVATION
27+94 ℄	C-0.23	SOUTH (NO OLD METER)	
27+99 ℄	C-0.51	NORTH	
31+58 ℄	C-0.03	SOUTH	
32+75 ℄	C-0.01	NORTH (NO OLD METER)	
32+91 ℄	C-0.52	SOUTH	

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

760865—CE 635—1-56

Checked by ..... Date .....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Page No. 0

Street 7TH ST. EAST & AVE. K-4

C. I. No. 5044.29

From FIRE HYDRANTS

To

SURVEYED BY MENDONCA Date AUG 1975

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, refer to bottom of inside of pipe, and are below reference stakes/spikes set ..... feet to the left/right of the center line of the sewer looking up grade. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	FILL OR CUT IN FEET	REMARKS	INVERT ELEVATION
	7TH ST. EAST		
	AVE. K to AVE. K-8		
	C-1.23	5 FT. NORTH	
17+04	—	EAST (23 FT. FROM ℄)	
	C-1.50	5 FT. SOUTH	
	C-0.96	5 FT. NORTH	
22+80	—	EAST (23 FT. FROM ℄)	
	C-1.20	5 FT. SOUTH	
	C-0.29	5 FT. NORTH	
29+10	—	EAST (23 FT. FROM ℄)	
	C-0.13	5 FT. SOUTH	
	F-0.25	5 FT. NORTH	
35+87	—	EAST (23 FT. FROM ℄)	
	F-0.05	5 FT. SOUTH	
	AVE. K-4		
	C-0.44	5 FT. WEST	
33+30.98	—	SOUTH (22 FT. FROM ℄)	
	C-0.33	5 FT. EAST	

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

Profile No.	Notes Red / Date	Plotted / Date	Job No. 5044.29	Division No.	F. B. 4144 PG. 147
			Survey of IN. W. DIST. #4		
X-Sec. No.	Notes Chk'd. / Date	Checked / Date	Survey by [illegible]	Notes [illegible]	Date 8-75
			Map No.	Indexed	Date

J.N. 5044.29

WATERWORKS DIST. #4

CONSTRUCTION STAKING OF

8" WATERMAIN IN 7TH ST. EAST & AVE. K-4

CENTERLINE PIPE

STATION	B. S.	H. I.	F. S.	ELEV.
			MENDONCA BITTEL RITTER SIDWELL	

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403 Los Angeles County Engineering Bldg.

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.				
FD. B.M. #20				2428.08	B.M. #20 EL.=2428.08 C.S. BR. CAP MON. IN ST. I & AVE. K			R.D.L.B. 3525-90 WELL @ ℄ INT. 7TH
					TOP PAVE	BOT. PIPE	CUT	7TH ST. EAST
10+00	℄ OF AVE. K			—	—	—	—	SET S.&T. 5' RIGHT
10+19				—	—	—	JOIN	
10+40				2429.20	2429.00	24.58	4.62	
10+50				29.25	29.11	24.69	4.56	
10+77				29.44	29.41	24.99	4.45	
11+00				29.69	29.59	25.17	4.52	
11+50				30.27	29.99	25.57	4.70	
12+00				30.68	30.39	25.97	4.71	
12+50				31.06	30.79	26.37	4.69	
13+00				31.60	31.09	26.67	4.93	
13+50				31.95	31.29	26.87	5.08	
14+00				32.38	31.49	27.07	5.31	
14+50				32.64	31.61	27.19	5.45	
15+00				32.78	31.73	27.31	5.47	
15+50				32.80	31.85	27.43	5.37	
16+00				2433.16	2431.97	27.55	5.61	

F. B. 4144 Pg. 148 Job No. 5044.29 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes JIM Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP PAVE	BOT. PIPE	CUT	7TH ST. EAST
16+50				2433 57	2432.09	27.67	5.90	SET S. & T. 5' RIGHT
17+00				33 84	32.21	27.79	6.05	
17+04	TEE to F.H. (EAST)			33 84	—	—	—	
17+50				33 91	32.33	27.91	6.00	
18+00				33 98	32.45	28.03	5.95	
18+50				33 45	32.57	28.15	5.30	
19+00 ⊙				32 91	32.69	28.27	4.64	
19+50				32 99	32.81	28.39	4.60	
20+00				33 20	32.93	28.51	4.69	
20+50				33 36	33.05	28.63	4.73	
21+00				33 72	33.25	28.83	4.89	
21+50				34 21	33.45	29.03	5.18	
22+00				34 42	33.81	29.39	5.03	
22+50 ⊙				34 79	34.17	29.75	5.04	
22+80	TEE to F.H. (EAST)			35 26	—	—	—	
23+00				35 50	34.53	30.11	5.39	
23+24 75	℄ OF AVE. K-4			—	—	—	—	
23+31 75	8" CROSS			35 90	—	30.43	5.47	
23+50				36 12	35.03	30.61	5.51	
24+00				36 62	35.74	31.32	5.30	
24+50				37 08	36.45	32.03	5.05	
25+00				37 50	36.93	32.51	4.99	
25+50 ⊙				2437 85	2437.41	32.99	4.86	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5044.29 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W. W. DIST. #4
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 8-75
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 4144 PG. 149

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F. B. 4144 Pg. 150 | Job No. 5044.29 | Division No. | Profile No. | X-Sec. No.

Survey of W. W. DIST. #4

Survey by Metzger

Notes | Notes Red | Plotted | Date | Notes Chk'd. | Checked | Date | Indexed | Date

STATION	B. S.	H. I.	F. S.	ELEV.	TOP PAVE	BOT. PIPE	CUT	7TH ST. EAST
26+00				2438.00	2437.73	33.31	4.69	SET S.B.T. 5' RIGHT
26+50				38.15	38.05	33.63	4.52	
27+00				38.48	38.37	33.95	4.53	
27+50				39.00	38.69	34.27	4.73	
28+00				39.24	39.01	34.59	4.65	
28+50				39.60	39.33	34.91	4.69	
29+00				40.03	39.65	35.23	4.80	
29+10	TEE to	F.H. (EAST)		40.12	—	—	—	
29+50				40.48	39.97	35.55	4.93	
30+00				40.80	40.29	35.87	4.93	
30+50				41.01	40.61	36.19	4.82	
31+00				41.29	40.93	36.51	4.78	
31+50				41.63	41.25	36.83	4.80	
32+00				42.18	41.57	37.15	5.03	
32+50				42.62	41.89	37.47	5.15	
33+00				43.01	42.21	37.79	5.22	
33+50				43.36	42.53	38.11	5.25	
33+75	GRD.	BRK.		43.54	42.78	38.36	5.18	
34+00				43.76	43.15	38.73	5.03	
34+50				44.50	44.14	39.72	4.78	
35+00				45.33	45.39	40.97	4.36	
35+50				2446.36	2446.39	41.97	4.39	

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP PAVE	BOT. PIPE	CUT	7TH ST. EAST
35+87	TEE to F. H.		(EAST)	2447 14	—	—	—	SET S. & T. 5' RIGHT
36+00				47 42	2447.20	42,78	4.64	
36+40				48 25	48.16	43,74	4.51	
36+49 50	℄ OF AVE. K-8			—	—	—	—	
36+56 50	8" CROSS			48 48	—	44.03	4.45	
37+00				49 00	48.70	44.28	4.72	
37+50				49 35	49.00	44,58	4.77	
38+00				49 57	49.20	44.78	4.79	
38 +50				49 50	49.20	44.78	4.72	
39+00				49 50	49.20	44.78	4.72	
39+50 ⊙				49 64	49.40	44.98	4.66	
40+00				49 99	49.60	45.18	4.81	
40+50				50 33	50.00	45.58	4.75	
41+00				50 68	50.30	45.88	4.80	
41+50				51 16	50.80	46.38	4.78	
42+00				51 61	51.20	46.78	4.83	
42+50				52 38	51.90	47.48	4.90	
43+00				53 03	52.60	48.18	4.85	
43+09	TEE to F.H.			53 17	52.70	48.28	4.89	
43+50				53 50	53.00	48.58	4.92	
44 +00				2453 86	2453.40	2448.98	4.88	

Profile Notes Red ____ Plotted ____ Job No. 5044.29 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MENCONCA Notes J.M. Date 8-75
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 4144 PG. 151

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP PAVE	BOT. PIPE	CUT	7TH ST. EAST
44+50				2454.35	2453.90	2449.48	4.87	SET S.&T. 5' RIGHT
45+00 ⊙				54.72	54.20	49.78	4.94	
45+50				54.84	54.50	50.08	4.76	
46+00				55.21	54.80	50.38	4.83	
46+50				55.60	55.20	50.78	4.82	
47+00				55.91	55.60	51.18	4.73	
47+50				56.31	55.90	51.48	4.83	
48+00				56.76	56.40	51.98	4.78	
48+50				57.29	56.90	52.48	4.81	
49+00				57.65	57.20	52.78	4.87	
49+25	TEE to	F.H.		57.79	57.30	52.88	4.91	
49+57.98	8" CROSS			57.91	—	53.03	4.88	
FD. B.M. #25				2449.73	B.M. #25 EL.=2449.745 R.D.L.B. 3525-96 L.&T. IN CONC. FOR 4 HSE # 43156 7TH ST. E. ±73 FT. S. & ±51 FT. E. OF ℄ INT. AVE. K-8 & 7TH ST. E.			
FD. B.M. #12				2437.63	B.M. #12 EL.=2437.625 R.D.L.B. 3525-94 L.&T. NR. N. EDGE CONC. WALK, HSE # 43360 7TH ST. E. ±62 FT. S. & ±30 FT. E. OF ℄ INT. AVE. K-4 & 7TH ST. E.			
					TOP PAVE	BOT. PIPE	CUT	AVE. K-4
26+26.92	8" C.V.			2434.79	—	30.03	4.76	SET S&T. 5' LEFT
26+33.90	8"X4" TEE			34.87	—	30.03	4.84	
26+50				2434.97	2434.68	2430.26	4.71	

F. B. 4144 PG. 152 Job No. 5044.29 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. #4 Date Date No.
Survey by MENDOZA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP PAVE	BOT. PIPE	CUT	AVE. K-4
27+00				243530	2435.00	2430.58	4.72	SET S. & T. 5' LEFT
27+50				3565	35.15	30.73	4.92	
28+00				3561	35.30	30.88	4.73	
28+50				3526	35.20	30.78	4.48	
29+00				3519	35.10	30.68	4.51	
29+50				3545	34.80	30.38	5.07	
29+80 69	GRD.	BRK.		3554	34.46	30.04	5.50	
29+86 69	GRD	BRK		3560	34.46	30.04	5.56	
30+03 47	GRD.	BRK.	(℄ OF 7TH ST. E.)	3580	34.78	30.36	5.44	
30+10 47	8" CROSS			3586	—	30.36	5.50	
30+20 25	GRD.	BRK.		3596	34.52	30.10	5.86	
30+26 25	GRD	BRK		3603	34.52	30.10	5.93	
30+50				3639	35.00	30.58	5.81	
30+75	GRD	BRK.		3672	35.55	31.13	5.59	
31+00				3699	36.23	31.81	5.18	
31+25	GRD.	BRK.		3725	36.86	32.44	4.81	
31+50				3746	37.36	32.94	4.52	
31+75	GRD	BRK.		3782	37.73	33.31	4.51	
32+00				3817	37.97	33.55	4.62	
32+50				3881	38.37	33.95	4.86	
33+00				243917	2438.76	2434.34	4.83	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 30449 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 8-75
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 4144 PG. 153

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP PAVE	BOT. PIPE	CUT	AVE. K-4
33+30.95	TOP	[illegible]		2439.27	—	2434.60	4.67	SET S.&T. 5' LEFT
33+33	8" G.V.			39.26	—	34.63	4.63	" "
B.M. # 12				2437.63	B.M. #12 EL. = 2437.625			R.L.S. 3525-94

F. B. 4144 PG. 154 Job No. 5044.29 Division No. Notes Red Plotted Profile
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Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

Profile No.	Notes Red	Plotted	Job No. 5044.29	Division No.	F. B. 4144 PG. 155
	Date	Date	Survey of W.W. DIST. #4		
X-Sec. No.	Notes Chk'd.	Checked	Survey by MENDONCA	Notes J.M.	Date 8-75
	Date	Date	Map No.	Indexed	Date

J.N. 5044.29

WATER WORKS DIST #4

CONSTRUCTION STAKING

OF

8" WATERMAIN

IN

7TH ST. EAST

&

AVE K-4

METERS & F.H.'s

STATION	B.S.	H.I.	F.S.	ELEV.
			MENDONCA BITTEL RITTER SIDWELL	

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STATION	B. S.	H. I.	F. S.	ELEV.			
FD. B.M. #20				2428.08	B.M. #20 EL=2428.08 C.S. BR. CAP MON. IN WELL @ ℄ INT. 7TH ST. E. & AVE. K		R.D.L.B. 3525-90
					TOP CURB	CUT / FILL	7TH ST. EAST
13+94.2	METER	(EAST)	N	2432.14	2431.70	C-0.44	SET 1X1 STK & TIN (5 FT OFF)
14+00		WEST	S.	32.36	31.80	C-0.56	
14+27		WEST	N.	32.71	31.80	C-0.91	
14+60.4		EAST	N.	33.29	31.90	C-1.39	
14+83.1		WEST	S.	32.58	32.00	C-0.58	
14+88.5		EAST	S.	33.18	32.00	C-1.18	
16+13.5		WEST	N.	33.49	32.30	C-1.19	
16+58.5		EAST	N.	33.64	32.40	C-1.24	
17+04	F. H.	EAST	N. / S.	33.73 / 34.00	32.50 / 32.50	C-1.23 / C-1.50	
17+09.7	METER	WEST	N.	34.19	32.50	C-1.69	
17+63.3		EAST	N.	34.61	32.60	C-2.01	
18+41.0		WEST	S.	32.84	32.80	C-0.04	
18+54.7		EAST	S.	34.51	32.90	C-1.61	
19+08.0		EAST	IN PLANS NEW	33.76	33.00	C-0.76	
19+21.5		WEST	S.	32.69	33.00	F-0.31	
19+51.8		WEST	N.	2433.25	2433.10	C-0.15	

F. B. 4144 Pg. 156 Job No. 5044.29 Division No. Notes Red. Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
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Indexed Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP CURB	CUT / FILL	7TH ST. EAST
19+85.0	METER	EAST	N.	2433.61	2433.20	C-0.41	SET 1X1 STK & TIN (5 FT. OFF)
20+30.5		WEST	S.	32.98	33.30	F-0.32	
20+59.5		WEST	S.	33.16	33.40	F-0.24	
20+71.3		EAST	S.	33.75	33.40	C-0.35	
21+25.0		EAST	S.	34.49	33.65	C-0.34	
21+70.0		WEST	N.	33.95	33.80	C-0.15	
22+70.3		WEST	S.	34.96	34.60	C-0.36	
22+74.5		EAST	S.	35.90	34.70	C-1.20	
			N.	35.74	34.80	C-0.96	
22+80	F. H.	EAST	S.	36.00	34.80	C-1.20	
23+24.75	℄ OF	AVE. K-4		—	—	—	
23+93.5	METER	EAST	S.	37.33	36.10	C-1.23	
24+26.5		WEST	N.	36.63	36.40	C-0.23	
24+28.0		EAST	S.	37.82	36.50	C-1.32	
25+29.5		EAST	S.	39.03	37.60	C-1.43	
26+31.0		WEST	N.	37.75	38.10	F-0.35	
26+33.0		WEST	N.	37.79	38.10	F-0.31	
26+42.5		EAST	S.	38.72	38.30	C-0.42	
26+82.0		WEST	S.	38.12	38.40	F-0.28	
27+47.5		EAST	S.	39.44	39.00	C-0.44	
27+92.5		WEST	S.	39.11	39.10	C-0.01	
28+03.0		EAST	S.	2439.66	2439.40	C-0.26	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5044.29 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W. W. DIST. #4
Notes Chk'd. ____ Checked ____ Survey by VENDONCA Notes J.M. Date 8-75
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 4144 PG. 157

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP CURB	CUT / FILL	7TH ST EAST
28+96.0	METER	EAST	S.	24 40.50	24 40.00	C-0.50	SET 1X1 STK. & TIN (5 FT. OFF)
			N.	40.39	40.10	C-0.29	
29+10.0	F. H.	EAST	S.	40.23	40.10	C-0.13	
29+38.0	METER	EAST	S.	41.14	40.30	C-0.84	
29+77.5		WEST	S.	40.68	40.30	C-0.38	
29+84.5		WEST	S.	40.72	40.40	C-0.32	
30+64.5		WEST	S.	40.81	40.90	F-0.09	
30+69.0		EAST	S.	42.05	41.10	C-0.95	
32+67.0		EAST	S.	43.30	42.00	C-1.30	
32+74.0		WEST	S.	41.74	41.90	F-0.16	
32+57.0		EAST	S.	43.55	42.30	C-1.25	
33+28.0		WEST	S.	43.25	42.70	C-0.55	
33+37.0		EAST	S.	43.28	42.80	C-0.48	
33+63.5		WEST	N.	43.12	42.90	C-0.22	
34+15.0		EAST	S.	43.70	43.80	F-0.10	
34+33.0		WEST	S.	44.25	44.10	C-0.15	
34+53.0		EAST	S.	44.21	44.50	F-0.29	
34+75.5		EAST	S.	44.97	45.10	F-0.13	
35+73.0		EAST	N.	46.68	47.00	F-0.32	
35+87.0	F. H.	EAST	N.	46.95	47.20	F-0.25	
			S.	47.15	47.20	F-0.05	
36+16.5	METER	WEST	N.	48.17	24 46.80	C-1.37	
36+49.50	℄ OF	AVE. K-8		—	—	—	

F. B. 4144 Pg. 158 Job No. 5044.79 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. #4 Date Date No.
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Indexed Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.			
FD. B.M. #25				2449 75	B.M. #25 EL.=2449.745 R.D.L.B. 3225-96 L.&T. IN CONC. PORCH HSE. #43156 7TH ST. E. ± 73 FT. S. & ± 51 FT. E. OF ℄ INT. AVE. K-8 & 7TH ST. E.		
FD. B.M. #12				2437 63	B.M. #12 EL.=2437.625 R.D.L.B. 3225-94 L.&T. NR. N. EDGE CONC. WALK HSE. #43360 7TH ST. E. ± 62 FT. S. & ± 30 FT. E. OF ℄ INT. AVE. K-4 & 7TH ST. E.		
					TOP CURB	CUT / FILL	AVE. K-4
26+ 33 90	8" X 4" TEE			—	—	—	
27+94 0	METER	SOUTH	(NO OLD METER)	2435 83	2435.60	C-0.23	SET STK. & TIN (5 FT. OFF)
27+99 5	METER	NORTH	E.	35 91	35.40	C-0.51	
30+03 47	℄ OF 7TH ST. E.			—	—	—	
31+58 0	METER	SOUTH	E.	37 73	37.70	C-0.03	
32+75 0		NORTH	(NEW)	38 71	38.70	C-0.01	
32+91 0		SOUTH	E.	39 52	39.00	C-0.52	
			W.	39 74	39.30	C-0.44	
33+30 98	F.H.	SOUTH	E.	39 63	39.30	C-0.33	
33+33 0	8" G.V.			—	—	—	
FD. B.M. #12				2437 63	B.M. #12 EL.=2437.625 R.D.L.B. 3225-94		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3044.29 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.M. DIST #4
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 8-12
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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