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

F.B. 3/88 PG. 3

WATERWORKS NOTES
FOR
ANTELOPE VALLEY

A

B

C

D

E

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Microfilmed Feb. '85

6F3098 CE# 310 9-67

F.B. 3488 PG. 1

F

G

H

I AVE I BETWEEN 17TH ST. W. & 20TH ST. W. PG. 8-12

J

K

L

M

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

F.B. 3188 Pg. 5

N

O

P Pandera AVE @ DIVISION ST 13, 14

Q

R

S

T 20TH ST W. TO 17TH ST W ON AVE I PG 8
10TH ST W Pg 10 to 30

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403 Los Angeles County Engineering Bldg.

78P305 CE #310 8-68

F.B. 3188 Pg. 6

U

V

W

X

Y

Z

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Notes Ck'd by	Survey of W. W. DIST. # 4
Map No.	JN 5042.83 Tape 210 Std 84 °F
Office Work	Surveyed by J S COATES
Checked	Notes JSC Date 11/25/68
Date	Indexed

F.B. 3188 PG. 7

J.N. 5042.83

WATER WORKS DIST # 4

AVE. I 12" WATERMAIN CONST.
BETWEEN
17th ST. W & 20th ST. W
SPEC. # 4-357 OF 1968

COATES
VANNESS
ADAMS
SIDWELL

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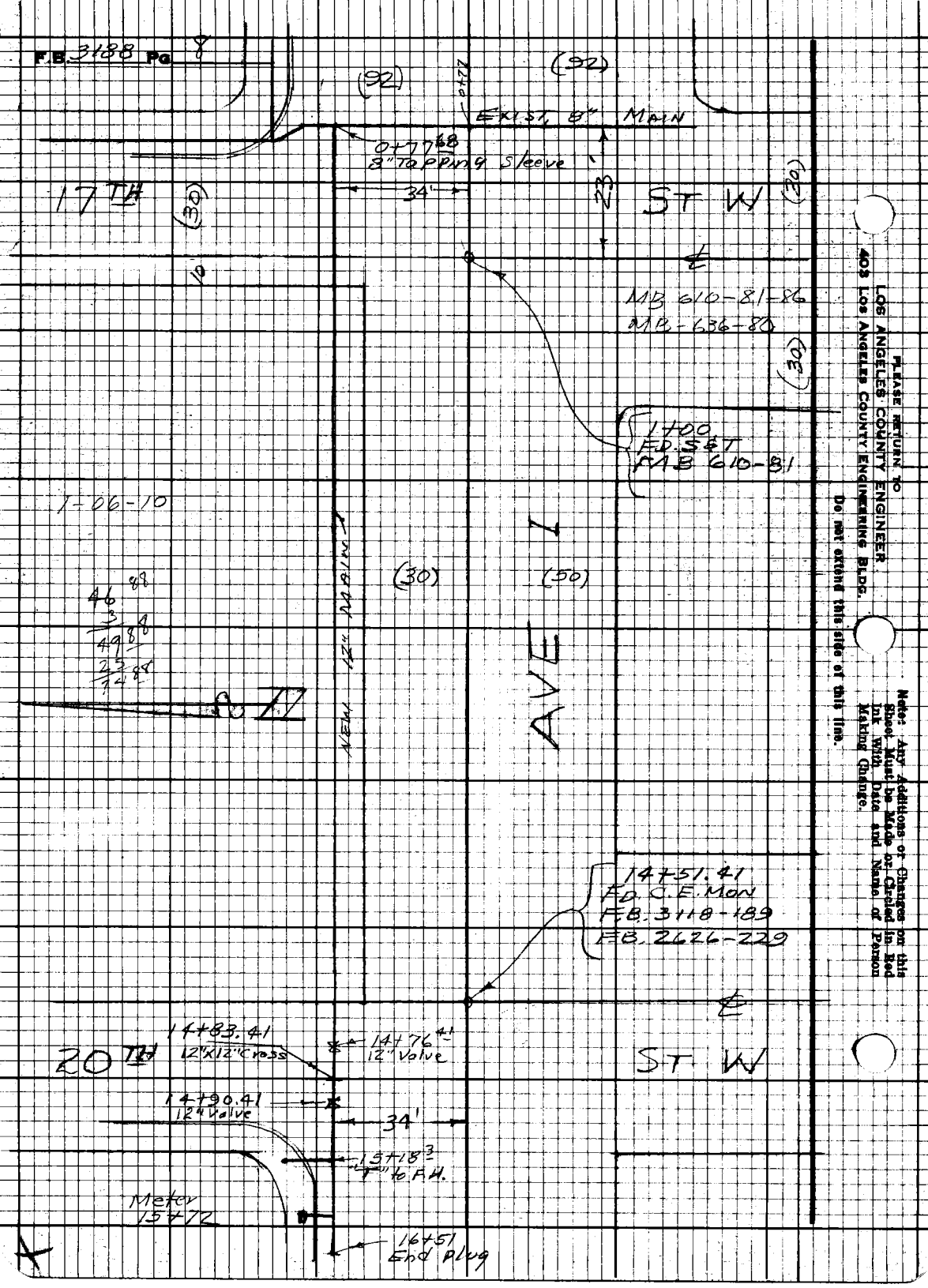
76E3098 CE#310 9.67


F.B. 3188 Pg 8
(92)
(92)
0+77
EXIST. 8" MAIN
0+77.68
8" Tapping Sleeve
17TH
(30)
34'
23'
ST W
(30)
10
MB 610-81-86
MB-636-80
(30)
1+00
FD. S&T
MB 610-81
1-06-10
NEW 12" MAIN
(30)
(50)
AVE I
46 88
3
49 88
25
74 88
14+51.41
FD. C.E. MON
F.B. 3118-189
F.B. 2626-229
14+83.41
12"x12" Cross
14+76.41
12" Valve
20TH
ST W
14+90.41
12" Valve
34'
15+18.3
1" to F.H.
Meter
15+72
16+51
End Plug
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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Profile No.	Notes Red Date	Plotted Date	Job No. 5042.83	Division No.	F.B. 3108
X-Sec. No.	Notes Chk'd. Date	Checked Date	Survey of WATER WORKS DIST. #4		
			Survey by JSC	Notes JSC	Date 11/26/68
			Map No.	Indexed	Date

J.N. 5042.83

WATER WORKS DIST. #4

AVE T

12" WATERMAIN CONST.

BET.

17TH ST. W. & 20TH ST. W.

SPEC. #4-357 OF 1968

COATES
VAN NESS
ADAMS
SIDWELL

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.	ELEV ~~H.I.~~ OVER ℄ TRENCH	F. S.	ELEV.			
BM 102-2				2326.98	BM 102-2 Elev 2326.979 FB. 2412-10		
T.P.				26.96	AVE. I & 75th St. W 50.5' N & 43.7 E ℄ INT		
				26.51	A C.E. MON. in 12"X12" Conc. Post Flush		
T.P.				26.13			
				25.90	GRADE	CUT	
0+77.68		2326.04		26.14	2320.79	5.35	Set SET 7' So. ℄ pipe
1+00		26.04		26.14	20.55	5.59	
2+00		24.70		25.73	19.45	6.28	
3+00		24.50		25.64	19.25	6.39	
4+00		24.40		25.48	19.15	6.33	
5+00		24.30		25.35	19.05	6.30	
6+00		24.20		25.22	18.95	6.27	
7+00		24.70		25.32	19.45	5.87	
8+00		24.50		25.17	19.25	5.92	
9+00		24.60		25.11	19.35	5.76	
10+00		24.60		25.03	19.35	5.68	
11+00		24.70		25.00	19.45	5.55	
12+00		24.20		24.86	18.95	5.91	
13+00		23.70		24.70	18.45	6.25	
14+00		23.70		24.54	18.45	6.09	
14+76.41	12" VALVE	24.00		24.36	18.60	5.76	
14+83.41	12"x12" CROSS	24.00		24.31	18.61	5.70	
14+90.41	12" VALVE	24.00		24.29	18.63	5.66	

F. B. 3188 PG. 10
Job No. 5042.83
Division No. ~~W.W.~~ DIST. #4
Notes Red ____ Date ____ Plotted ____ Date ____ Profile ____ No. ____
Survey of W.W. DIST. #4
Survey by JSC Notes JSC Notes Chk'd. ____ Date ____ Checked ____ Date ____ X-Sec. ____ No. ____
Indexed ____ Date ____

76-L-298 CE 307 5-66

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STATION	B. S.	ELEV. OVER ℄ TRENCH H. I.	F. S.	ELEV.	GRADE	CUT	
15+00		2323.90		23 24.10 (.30)	2318.65	5.45 (.65)	Set S&T 7' So. ℄ pipe
15+18		23.90		24.16 (.33)	2318.65	5.51 (.68)	
15+72		23.90		24.10 (4.28)	18.65	5.45 (.63)	
16+00		23.90		24.10 (.24)	18.65	5.45 (.59)	
16+51	end plug	23.70		23.86 (4.02)	18.45	5.41 (.57)	
B.M.				2325.64	B.M. ELEV.:		F.B. 3188-
					AVE. I & 17TH ST. W. 53' N. & 40' E. ℄ INT.		
					B.S. IN SaCb OF SERVICE RD.		
B.M. 102-3				2323.94	B.M. 102-3 ELEV.: 2323.410 F.B. 2412-11		
					AVE. I & 20TH ST. W. 67.4' E. & 39.7' N ℄ INT.		
					C.E. MON. IN CONC. POST 6" UP		
T.P.				25.11			
T.P.				25.49			
B.M.				2325.66	B.M. ELEV.:		F.B. 3188-
T.P.				26.08	SEE ABOVE FOR DESCP.		
T.P.				26.67			
B.M.				27.03			

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5042.83 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. DIST. 4
Notes Chk'd. ____ Checked ____ Survey by JSC Notes JSC Date 11/26/68
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3188 PG. 11

F. B. 3188 Pg. 12

Job No. 5042 83 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of W W DIST # 4 Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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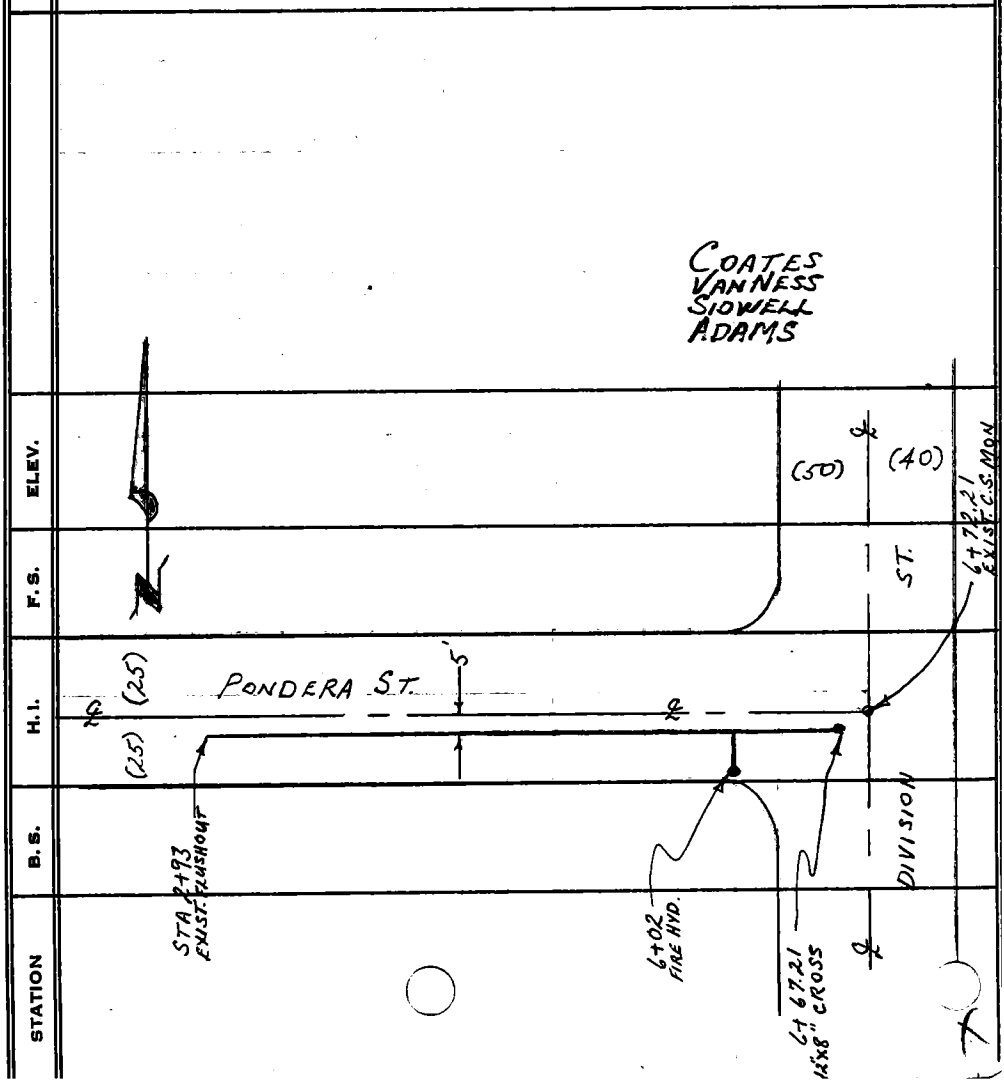
76-L-298 CE 307 5-66

Profile No.	Notes Red	Plotted	Job No. 5042.86	Division No. 11	F.B. 3188 PG. 13
	Date	Date	Survey of W.W. DIST. # 4		
X-Sec. No.	Notes Chkd.	Checked	Survey by J.S. COATES	Notes J.S.C.	Date 2-20-69
	Date	Date	Map No.	Indexed	Date

J. N. 5042.86
WATERWORKS DIST #4
PONDERA STREET
SPEC. # W.W.D.4 - 380 OF 1968



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

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76-1298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	℄ ST F.S. GRADE	ELEV.	BOT. TRENCH	CUT		SEE F.B. 3173-121
BM #2				2379.34			BM#2 Elev. 2379.34 LB 423-61 Lancaster 1957 C.S Mon in well @ ℄ INT. DIVISION ST. & Pondera ST.	
2+93			2381.4	81.37	2375.60	5.77	Set Stk & Tin 8' So. ℄ pipe	
3+50			81.7	81.50	75.64	5.86		
4+00			81.9	81.96	75.68	6.28		
4+50 ⊙			82.2	82.34	75.72	6.62		
5+00			82.7	82.95	75.76	7.19		
5+50			82.4	82.49	75.80	6.69		
6+02 "T" to F.H.			81.2	81.61	75.50	6.11		
6+50			80.4	80.57	75.00	5.57		
6+67 21	12"x8" Cross		81.49	81.64	75.00	6.64		
BM#2							BM#2 Elev. 2379.34 LB 423-61	

F.B. 3188 Pg. 14 Job No. 5042.86 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed Date Date Date No.

Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN 5045.21 Tape 211 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 3/26/69
Date	Indexed C.J. GALLI APR 3 '69

F.B. 3188 PG. 15

J.N. 5045.21

WATERWORKS DIST #4

TOPOGRAPHY
ON
10th ST. E

FROM: So. Line TR#28180 1+00
TO: AVE. K 37+21.99

NOTE: DISTANCES
Shown in FB 1662
was used to
determine plus

COATES
VAN NESS
SIDWELL
ADAMS

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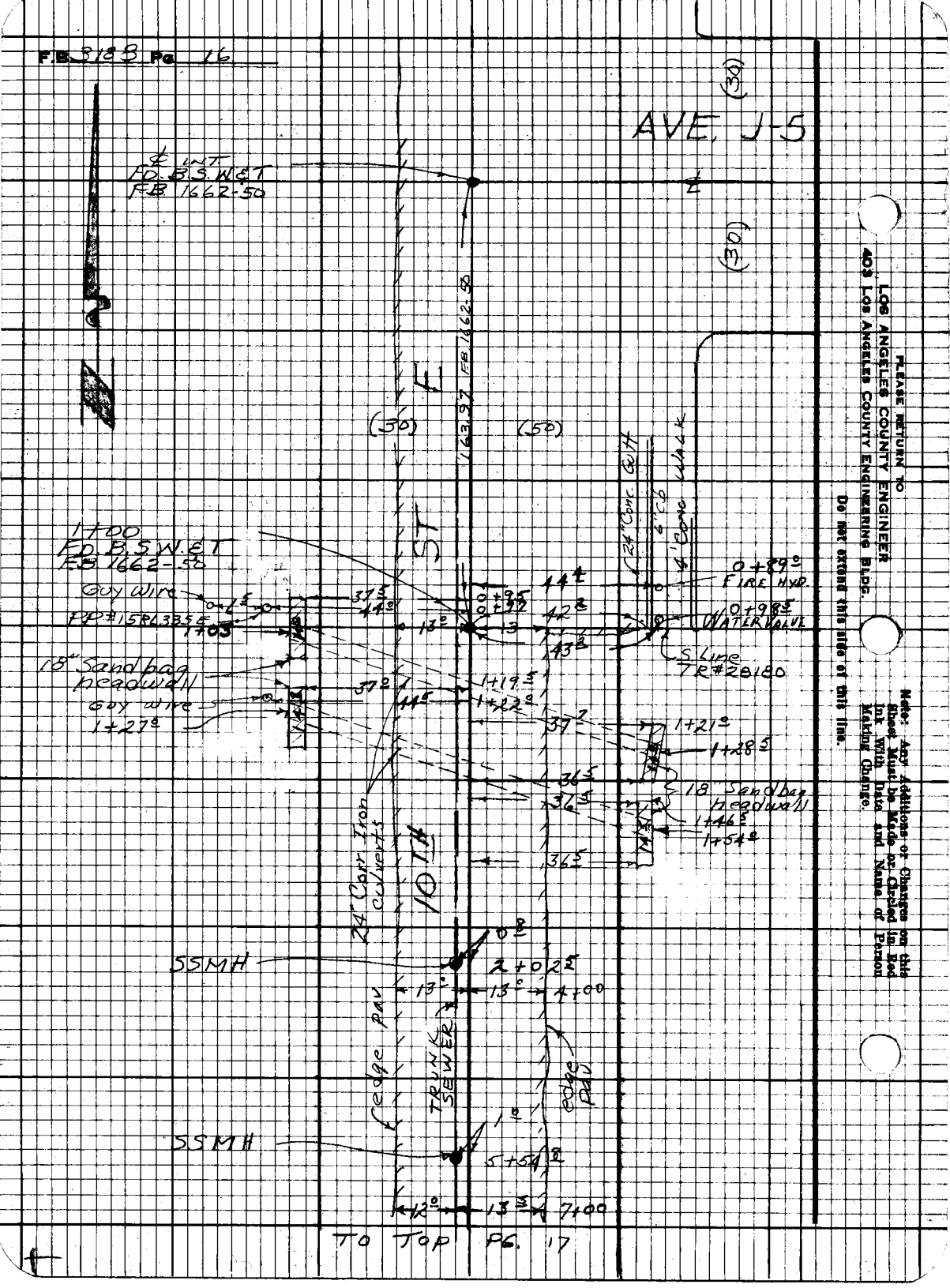
76F3098 CE#310 9.67

F.B. 3188 Pg. 16



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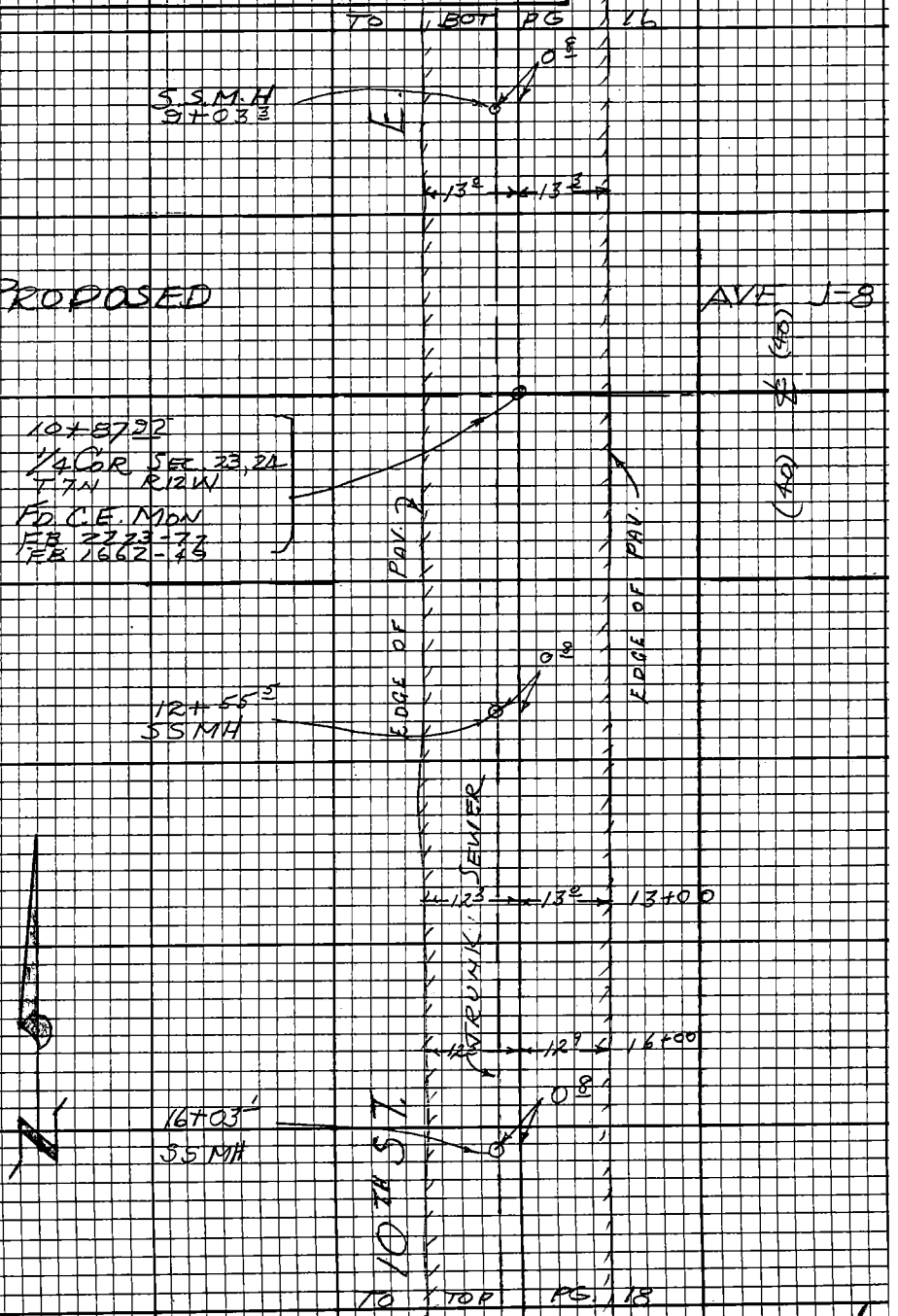
Notes Ck'd by	Survey of W.W. DIST # 4
Map No.	JN 5045.21 Tape 211 Std. 84 °F
Office Work	Surveyed by 15 COATES
Checked	Notes Date
Date	Indexed C. J. GALLI

F.B. 3188 Pg. 17

TO 1 BOT PG 16



TO 1 TOP PG. 18

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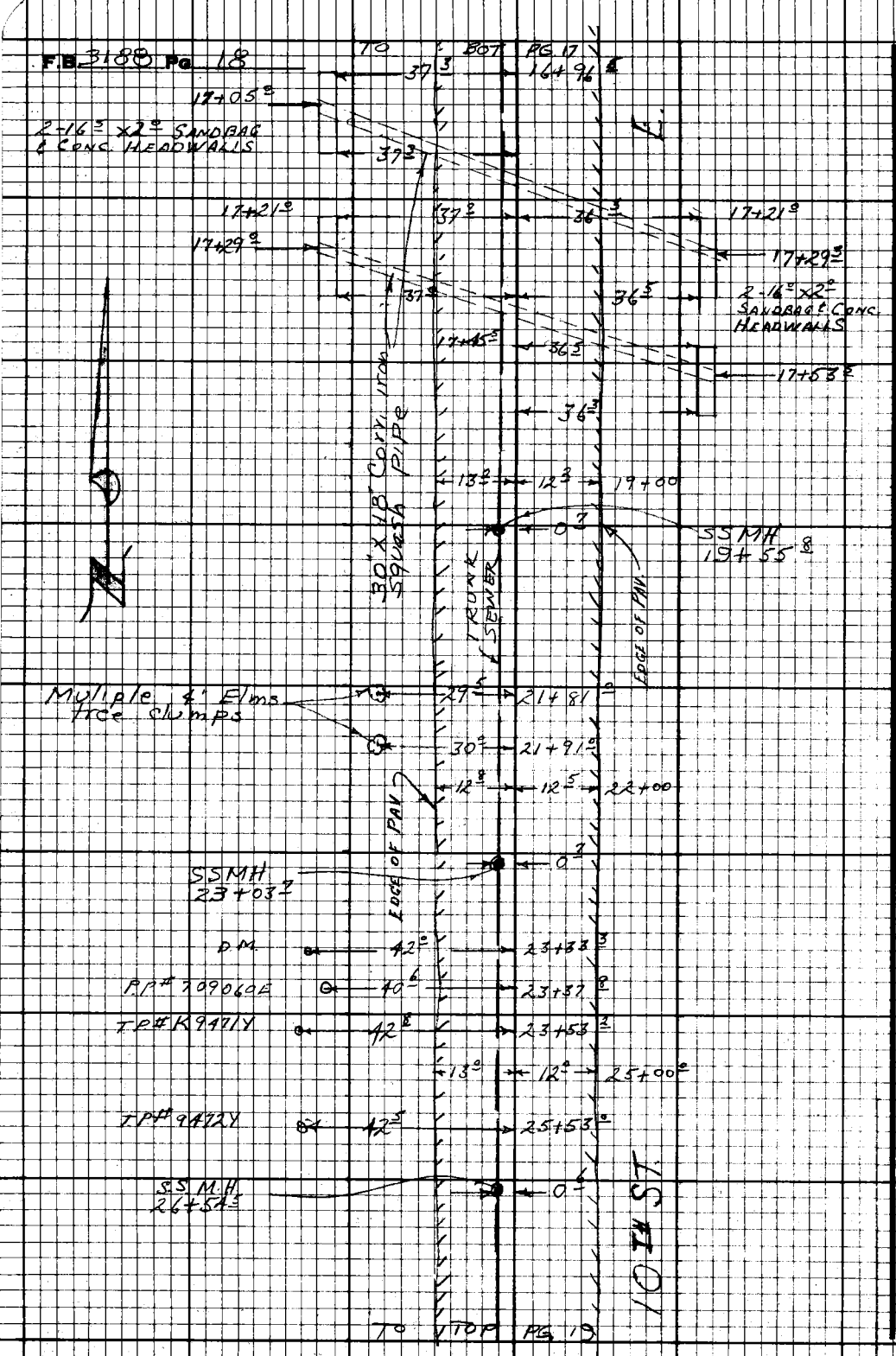
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F9098 CE#310 9-67



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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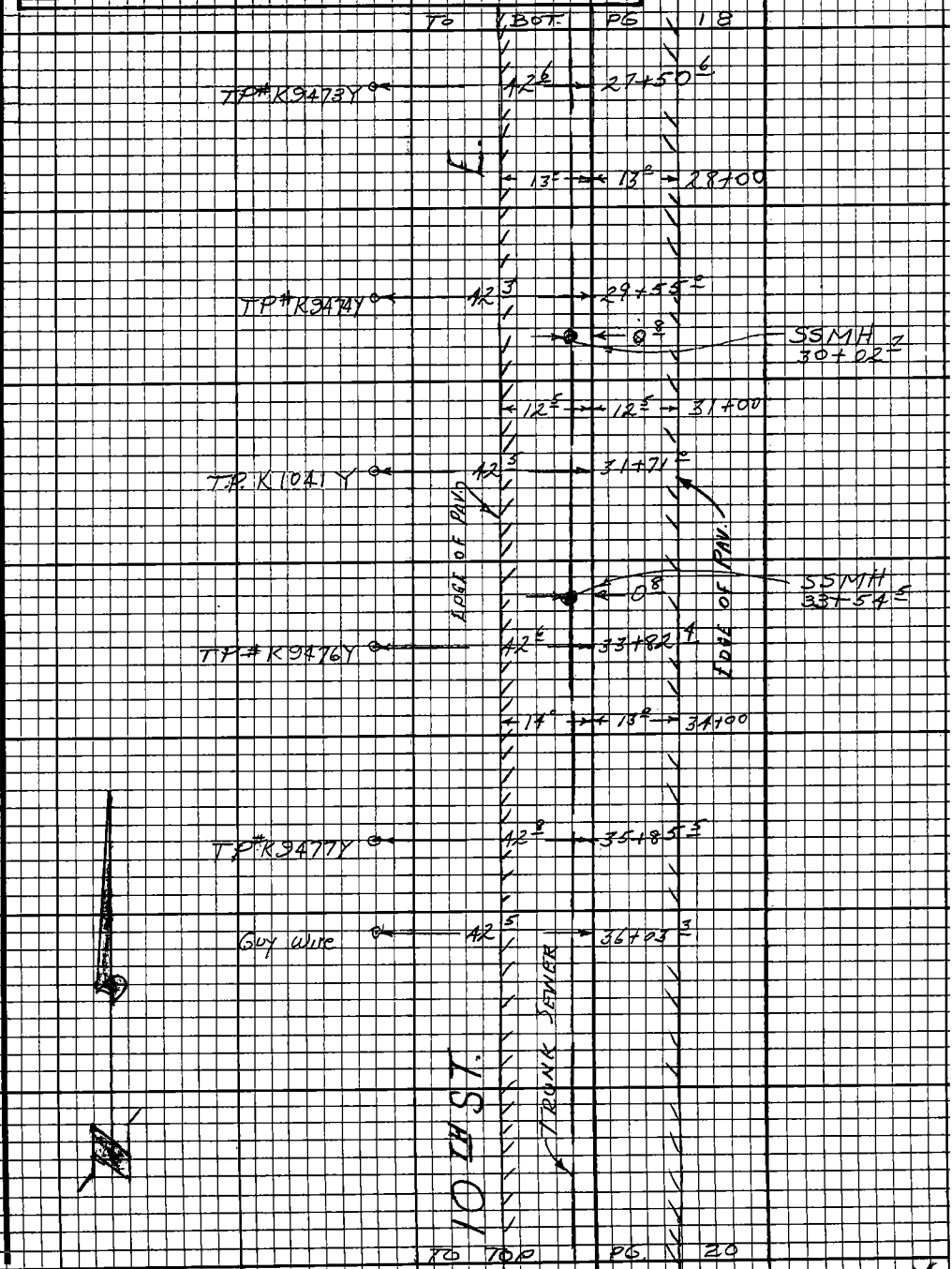
Notes Ck'd by	Survey of W. W. DIST #1
Map No.	JN 5045.21 Tape 211 Std 84°F
Office Work	Surveyed by J.S. COATES
Checked	Notes JSC Date 3/27/69
Date	Indexed C. J. GALLI

F.B. 3188 PG. 19



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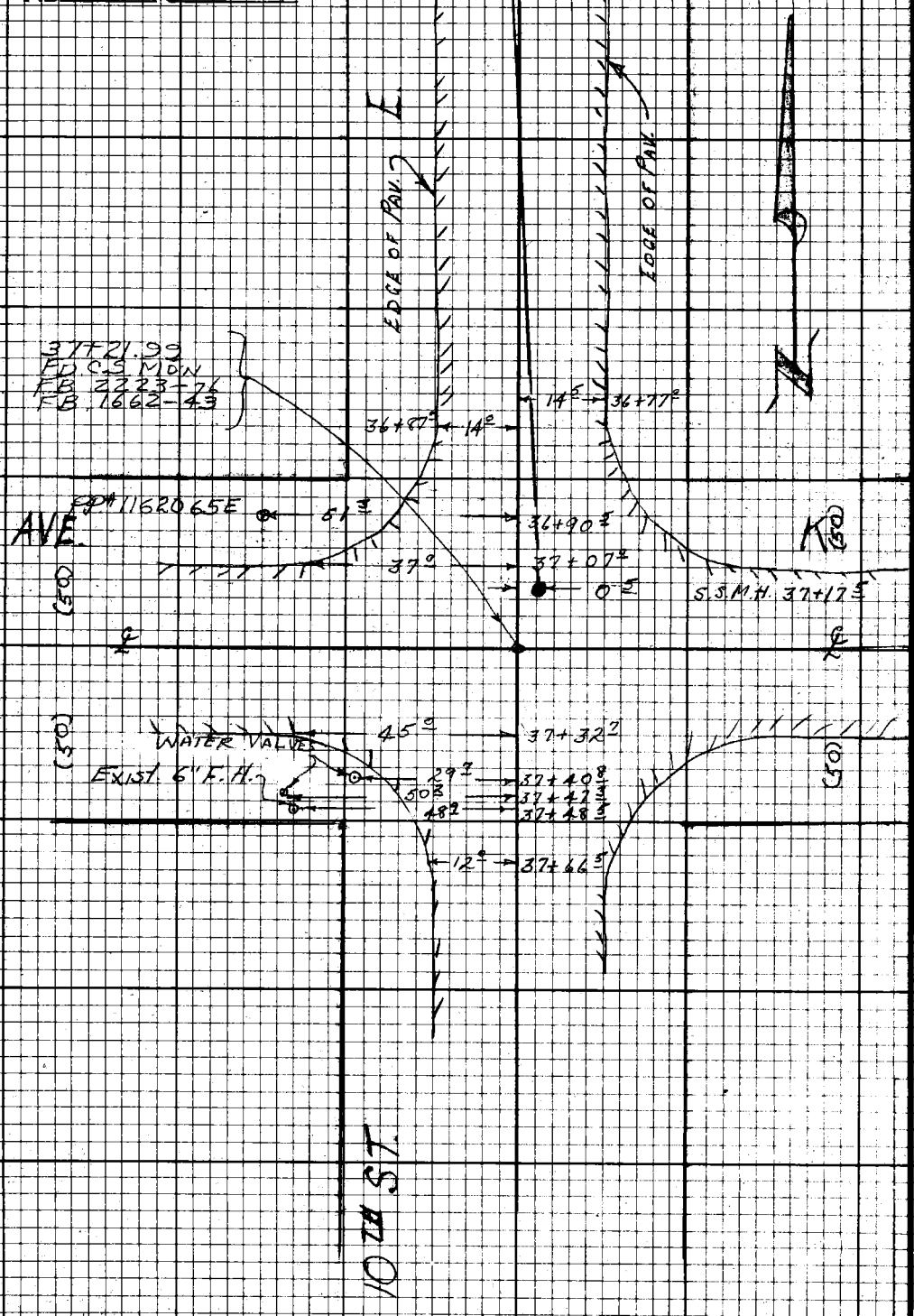
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76E3098 CE#310 9-67

F.B. 3188 Pg. 20

TO TOP PG. 19



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Profile No.	Notes Red	Plotted	Job No. 504521	Division No.	F.B. 3188 PG. 21
	Date	Date	Survey of WATER WORKS DIST. #4		
X-Sec. No.	Notes Chk'd.	Checked	Survey by JS COATES	Notes JSC	Date 3/27/69
	Date	Date	Map No.	Indexed C. J. GALLI	Date APR 3 '69

J.N. 504521

W.W. DIST #4

CROSS-SECTION

OF

10th ST. E.

FROM: South Line TR # 28180 1+00

TO: AVE. K 37+21.99

COATES
VAN NESS
SIDWELL
ADAMS

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

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76-L-29B CE 307 5-66

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		10th ST. E
BMBL 63				2397.77	BM BL 63 Elev. 2397.77	R.D. LANCASTER QUAD
					10th ST. E & AVE. J	S.W. COR
					L&T near MCR	49' W & 45' S. & INT
BM J-10E				2399.85	BM J-10 E Elev. 2399.33	FB. 3137-54 FB. 2638-274
					AVE. J & 10th ST. E.	S.W. COR.
					B.S. in lead	126'± S & 40'± W. & INT.
T.P.				2402.69		
T.P.				2405.81		
T.P.				2408.40		
T.B.M. #2				2409.47	TBM #2 Elev. 2403.47	F.B. 3188-
					10th ST. E. @ AVE. J-5	S.E. COR.
					L&T in curb	0.5' S. of S. end C.R.
0+95				0898		37.5 R Top hdwl
1+00				0941		℄
"				0903		13' R
"				0886		23' R F.L.
"				0889		30' R
1+03				0861		39' R F.L. of 24" culvert
1+19.5				0901		37' R Top hdwl
1+27.0				0867		38.5 R F.L. 24" culvert
1+28.5				0866	F.L. 24" culvert 39.2 L	

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chk'd. ____ Date ____
Division No. 5045 21
Job No. 4
Survey of W. W. DIST #4
Survey by J. SCHATTES
Notes
Indexed C. J. CALL
F. B. 3199 Pg. 22

76-L-298 CE 307 5-66

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403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		10th ST E
1+54				2406.9	F.L. of 24" culvert + 38' L	
2+00				09.47		℄
				09.22		13' R
				08.7		25' R F.L.
				09.1		30' R
3+00				09.49		℄
				09.27		13' R
				08.8		25' F.L.
				08.0		30' R
4+00				09.68		℄
				09.28		13' R
				08.5		25 R F.L.
				08.3		30' R
5+00				09.79		℄
				09.50		13' R
				09.00		25 R F.L.
				09.8		30' R
6+00				10.38		℄
				10.03		13' R
				9.3		25 R. F.L.
				9.8		30' R

Profile Notes Red ____ Plotted ____ Job No. 5045.21 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by JSC Notes JSC Date 3/27/62
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 3188 PG. 23

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.		10TH ST E
7+00				241116		℄
				1030		13' R
				151		25' R F.L.
				10[illegible]		30' R
8+00				240217		℄
				11[illegible]		13' R
				110		25' R F.L
				11[illegible]		30' R
9+00				12[illegible]		℄
				12[illegible]		13' R
				120		25' R F.L.
				124		30' R
10+00				1396		℄
				13[illegible]		13' R
				127		25' R F.L
				133		30' R
10+87				1479		℄ [illegible]
[illegible]				[illegible]		℄
				[illegible]		13' R
				[illegible]		25' R F.L.
				[illegible]		30' R

F. B. 3188 Pg. 24
Job No. 5045.21
Division No. W.W. DIST. #4
Notes Red ____ Date ____ Plotted ____ Date ____ Profile ____ No. ____
Survey of ____ Notes JMS ____ Date ____ Notes Chk'd. ____ Checked ____ Date ____ X-Sec. ____ No. ____
Survey by JSC
Indexed C. J. GALLI

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.		10TH ST. E
12+00				2416 16	℄	
				15 88		13' R
				15 3		25' R F.L.
				15 8		30' R
13+00 ⊙				17 11	℄	
				16 83		13' R
				16 2		25' R F.L.
				16 9		30' R
14+00				18 11	℄	
				17 98		13' R
				17 7		25' R F.L.
				17 9		30' R
15+00				19 11	℄	
				18 76		13' R
				18 0		25' R F.L.
				19 0		30' R
16+00				19 88	℄	
				19 55		13' R
				19 1		25' R F.L
				19 4		30' R
16+96.5				2420 46		37.3' R Top HDWL.

Profile Notes Red ____ Plotted ____ Job No. 5045.21 Division No. ____ F.B. 3188 Pg. 25
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by JSC Notes JMS Date 3/28/69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		10TH ST. E
17+00				2420 65		℄
				2038		13' R
				197		25' R F.L.
				202		30' R
17+05 2				1760		39 3 R F.L. CUL.
17+21				2001		37' R Top HDWL.
"				2071	36 3 L Top HDWL.	
17+29				1780		39' R F.L. CUL.
17+29 3				1806	38 3 L F.L. CUL.	
17+45 5				2073	36 5 L Top HDWL.	
17+53 5				1816	36 3 L F.L. CUL.	
18+00 ⊙				2122		℄
				2095		13' R
				201		25' R F.L.
				200		30' R
17+00				2184		℄
				2151		13' R
				208		25' R F.L.
				214		30' R
20+00				2235		℄
				2213		13' R

F. B. 3188 PG. 26 Job No. 504521 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 Date Date No.
Survey by JSC Notes JMS Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		10TH ST. E
				242.16		25' R F.L.
				221		30' R
21+00				228.3	℄	
				226.0		13' R
				220		25' R F.L.
				228		30' R
22+00				235.3	℄	
				232.5		13' R
				225		25' R F.L.
				231		30' R
23+00				243.0	℄	
				240.9		13' R
				233		25' R F.L.
				244		30' R
24+00				250.0	℄	
				247.2		13' R
				240		25' R F.L.
				245		30' R
25+00				256.9	℄	
				255.2		13' R
				249		25' R F.L.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5045.21 Division No. W.W. DIST. #4
X-Sec. No. ____ Date ____ Date ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by JSC Map No. ____ Notes JMS Date 3/28/69 Indexed C.J. GALLI Date ____

F.B. 3/88 PG. 27

76-L-298 CE 307 5-66

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76-L-2

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		10TH ST. E.	
25+00				2426 20		30' R	
26+00				26 15	℄		
				26 27		13' R	
				25 6		25' R	F.L.
				26 0		30' R	
27+00				26 96	℄		
				26 85		13' R	
				26 3		25' R	F.L.
				26 5		30' R	
28+00				27 56	℄		
				27 36		13' R	
				26 8		25' R	F.L.
				27 0		30' R	
29+00				28 37	℄		
				28 01		13' R	
				27 2		25' R	F.L.
				27 9		30' R	
30+00				29 08	℄		
				28 69		13' R	
				28 0		25' R	F.L.
				27 9		30' R	

F. B. 3188 Pg. 28 Job No. 5045.21 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by JSC Notes JMS Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date 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.	10TH ST. E.
31+00				2429.79	℄
				29.48	13' R
				28.7	25' R F.L
				29.1	30' R
32+00				2430.54	℄
				30.24	13' R
				29.6	25' R F.L.
				29.7	30' R
33+00				31.48	℄
				31.25	13' R
				30.7	25' R F.L
				31.6	30' R
34+00				32.55	℄
				32.30	13' R
				32.0	25' R F.L.
				33.3	30' R
35+00				33.64	℄
				33.37	13' R
				32.8	25' R F.L
				33.5	30' R
36+00				34.80	℄

Profile Notes Red ____ Plotted ____ Job No. 5645.21 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd ____ Checked ____ Survey by JSC Notes J.M.S. Date 3/28/69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J.G. Date ____

F.B. 3188 P. 27

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.		10TH ST E
36+00				2434.44		13' R
				33.7		25' R F.L.
				34.1		30' R
36+87				35.59	℄	
				35.29		14' R PAV. RET.
				35.0		25' R F.L.
				34.6		30' R
37+00				35.69	℄	
				35.31		22' R
				35.2		30' R
37+07.2				35.69		37° R PAV. RET.
37+21.99				36.11	℄	INTER. SECT. AVE.
				36.10		30' R
37+32.7				35.91	℄	
						15' R PAV. RET.
BMBL 73				2434.70	BMBL 73 Elev 2434.63 R.D. Lancaster Quad. AVE. K & 10th ST. E ℄ INT. C.S Mon for Sec Cor. in Well. (Note) also BM 105-10 Elev. 2434.34 FB. 2417-152	

F. B. 3188 Pg. 30 Job No. 5045.21 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. # 4 Date Date No.
Survey by JSC Notes JMS Notes Chk'd. Checked X-Sec.
Indexed C.J. GALLI Date Date Date No.

Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN 5045.21 Tape 211 Std 84°F
Office Work	Surveyed by JLS COATES
Checked	Notes JSC Date 3/27/69
Date	Indexed G.J. GALLI APR 3 '69

F.B. 3188 PG. 31

J.N 5045.21

W.W. DIST. #4

TOPOGRAPHY
ON
AVE. K-12

COATES
VAN NESS
SIDWELL
ADAMS

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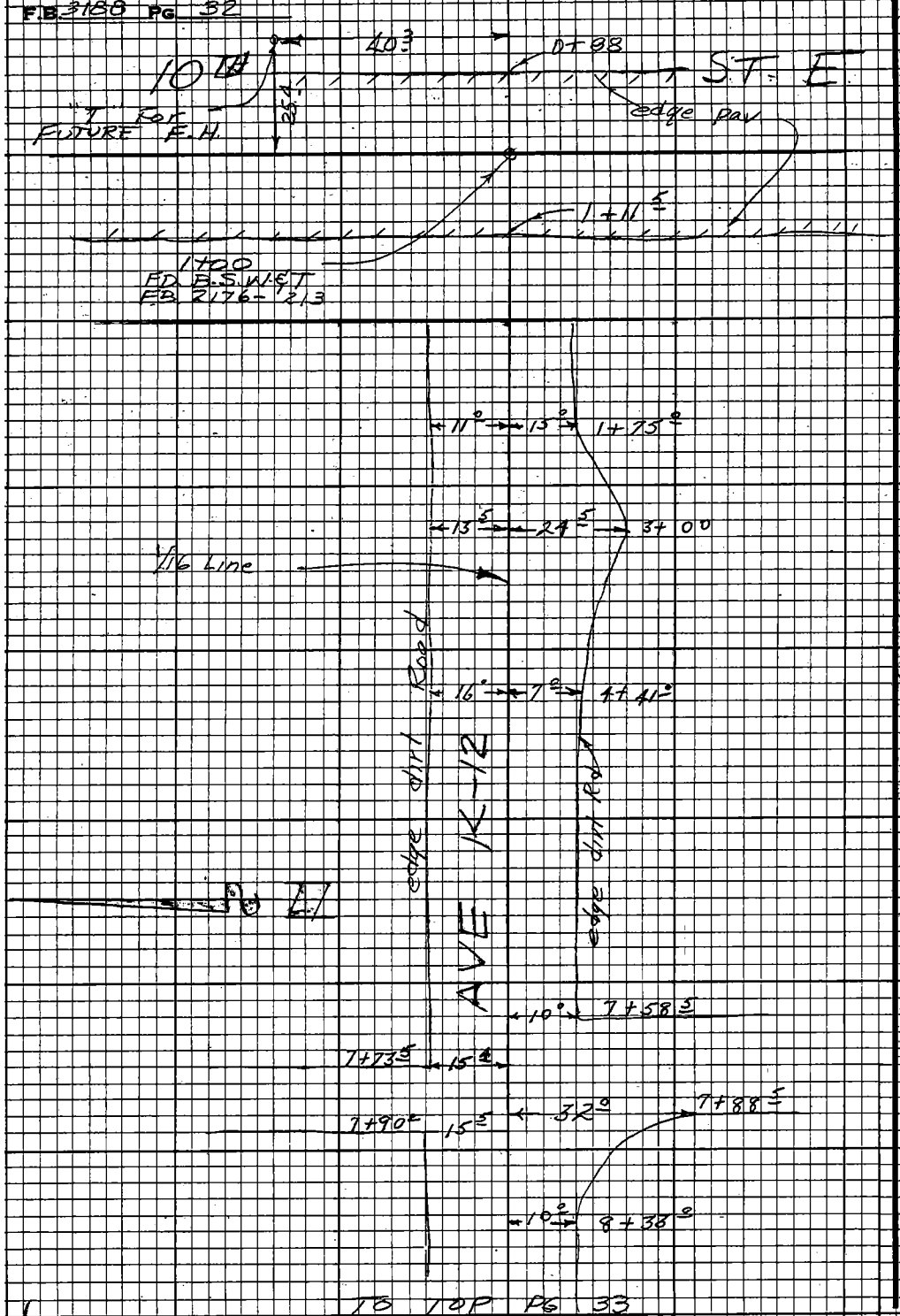
78F3098 CE#310 9-67

FB 3180 PG 32



TO TOP PG 33

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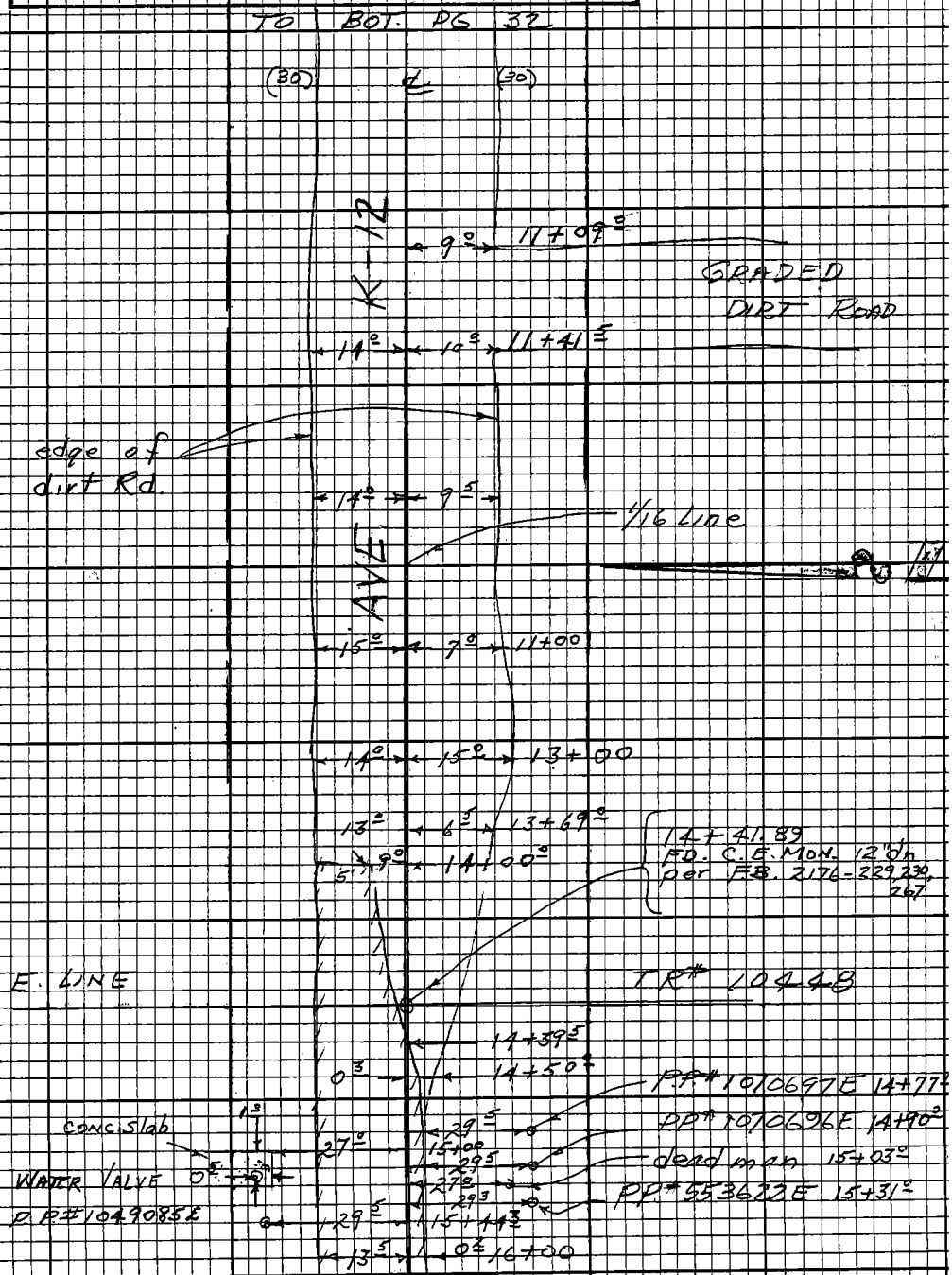
Notes Ck'd by	Survey of W. W. DIST #4
Map No.	JN 5045.21 Tape 216 Std 84°F
Office Work	Surveyed by J S COATES
Checked	Notes J.S.C. Date 3/27/69
Date	Indexed C. J. GALLI

F.B. 3188 PG 33



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

Profile No.	Notes Red	Plotted	Job No. 5045.21	Division No.	F.B. 3100 PG. 35
	Date	Date	Survey of W.W. DIST. # 4		
X-Sec. No.	Notes Chk'd.	Checked	Survey by JS COATES	Notes JSC	Date 3/27/69
	Date	Date	Map No.	Indexed C. J. GALLI	Date APR 3 '69

J.N. 5045.21

W.W. DIST #4

CROSS-SECTIONS

ON

AVE. K-12

From: 10th ST-E 1700

To: 100' W. of E Line TR# 10448.

COATES
VAN NESS
SIDWELL

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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Do not extend notes this side of this line.

AVE. K-12

STATION	B. S.	H. I.	F. S.	ELEV.	
BMAV 209				2456.86	BMAV 209 Elev. 2456.865 F.B. 2176-188 7th St. E. (E. Side) 95'± N ℄ AVE K-12 C.S. MON @ N.W. COR. WATER LOT
T.P.				2457.86	
T.P.				2457.62	
T.P.				2456.15	
T.P.				2458.71	
TBM#1				57.65	TBM#1 Elev. F.B. 3188-36
0+88		℄ prod		57.43	10th St. E. & AVE. K-12 ℄ INT
0+64		℄ prod		54.9	B.S.W. & T @ ℄ INT
1+00				57.65	℄
"				57.83	30'L
1+11.5				57.37	
"				57.57	30'L ℄
1+35				54.9	℄ = Flow Line
"				55.1	Flow Line 30'L
1+50				55.4	℄
"				56.1	30'L
2+00				55.3	℄
"				56.3	30'L
3+00				54.9	℄
"				56.2	30'L

F.B. 3188 PG. 36
Job No. 5045.21 Division No.
Survey of W.W. DIST. #4
Survey by JSC Notes JSC
Indexed C. J. GALLI Date
Plotted Date No.
Notes Red Date
Notes Chk'd. Date
Checked Date No.
Profile X-Sec.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

AVE. K-12

STATION	B. S.	H. I.	F. S.	ELEV.		
4+00				2455 9		℄
"				57 0	30' L	
5+00				57 0		℄
"				58 4	30' L	
6+00				58 1		℄
"				59 2	30' L	
7+00				58 7		℄
"				59 3	30' L	
8+00				57 15		℄
"				57 7	30' L	
9+00				56 7		℄
				57 6	30' L	
10+00				56 1		℄
"				57 3	30' L	
10+20				55 9		℄
11+00				57 4		℄
"				58 4	30' L	
12+00				57 5		℄
"				58 1	30' L	
13+00				57 6		℄
"				58 9	30' L	

Profile Notes Red ____ Plotted ____ Job No. 5045.21 Division No. 11 P.B. 3188 Pg. 37
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by JSC Notes JSC Date 3/27/69
No. ____ Date ____ Date ____ Map No. ____ Indexed J. GALLI Date ____

76-L-298 CE 307 5-66

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F. B. 3188 PG. 38
Job No. 5045.21 Division No. 11 Notes Red Plotted Profile No.
Survey of W.W. DIST #4 Date 3-27-69 Date X-Sec. No.
Survey by T.S.C. Notes J. M. Sidwell Notes Chk'd. Checked
Indexed C. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE K-12
14+00 ⊙				2458 25		℄
"				589	30' L	
15+00				583		℄
"				595	30' L	
16+00				578		℄
"					30' L	
T. P.				2457 67		
B.M. A.V. 209				2456 85	B.M. A.V. 209 ELEV. 2456.865 F.B.#2176- 188	

Notes Ck'd by P. HILARIO	Survey of W.W. #4
Map No. B-5079	JN 5042.45 Tape 133 Std 84 °F
Office Work R. BRIONES	Surveyed by J.S. COATES
Checked P. HILARIO	Notes J.S.C. Date 10-14-69
Date 12-4-69	Indexed G. J. GALLI OCT 22 '69

F.B. 3188 PG. 39

J.N. 5042.45

WATERWORKS DIST. #4

WELL SITE #32

BOUNDARY SURVEY

&

WELL LOCATION

COATES
VON NESS
ADAMS
BINEL

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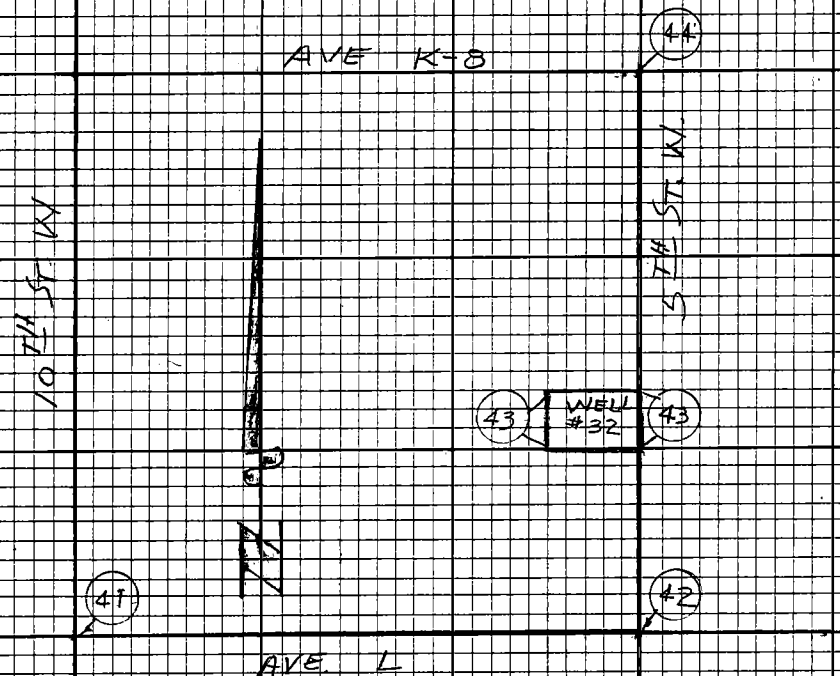
76F6098 CE#310 9-67

F.B. 3188 PG 40

INDEX



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W.S. 70, A-5

Notes Ck'd by R. HILARIO	Survey of W.W. DIST #4
Map No. B-5079	JN 5042.45 Tape 133 Std 84 °F
Office Work R. BRIONES	Surveyed by J.S. COATES
Checked R. HILARIO	Notes LSC Date 10-15-69
Date 12-4-69	Indexed C. J. GALLI OCT 22 '69

F.B. 3188 PG. 41

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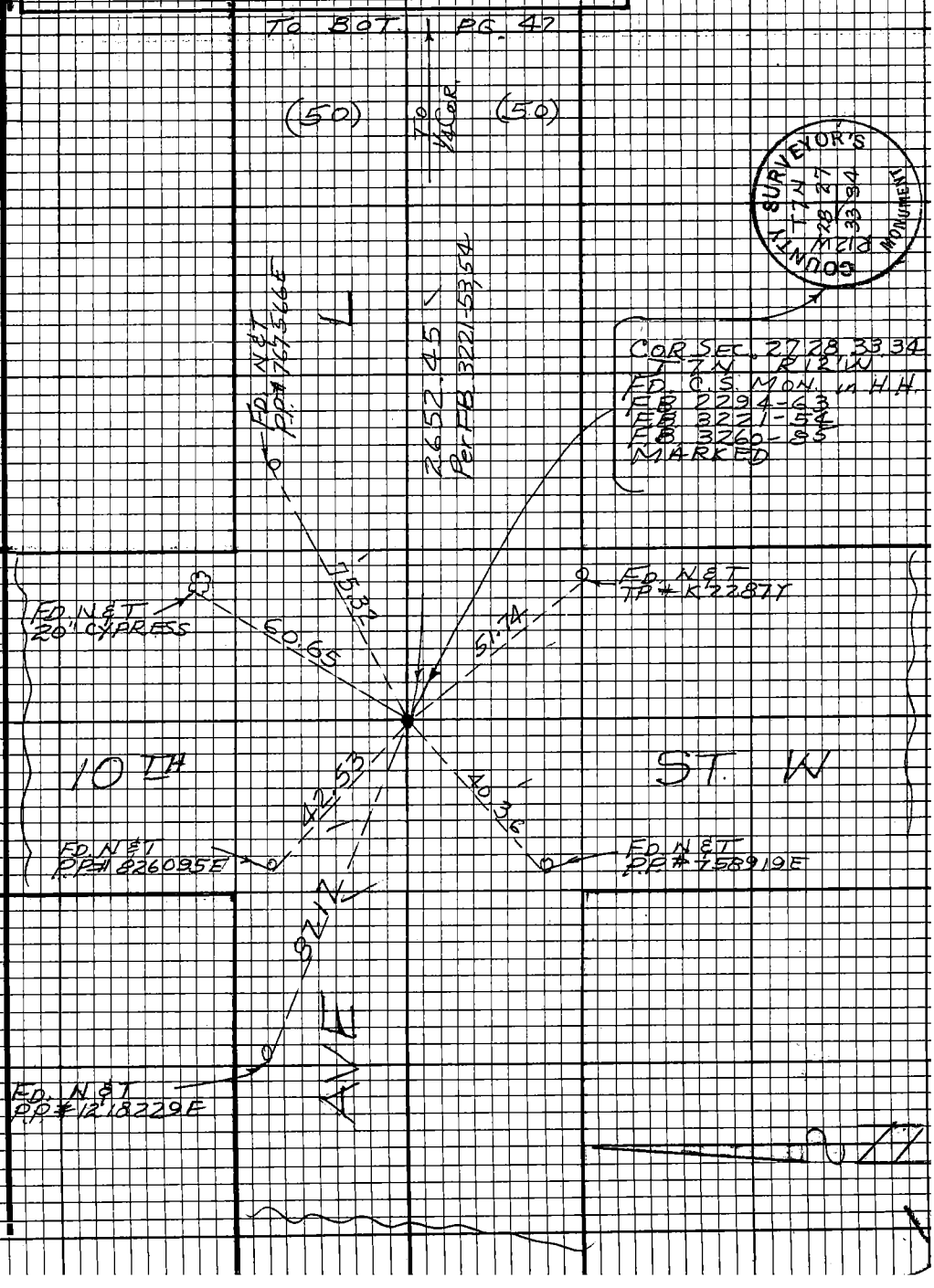
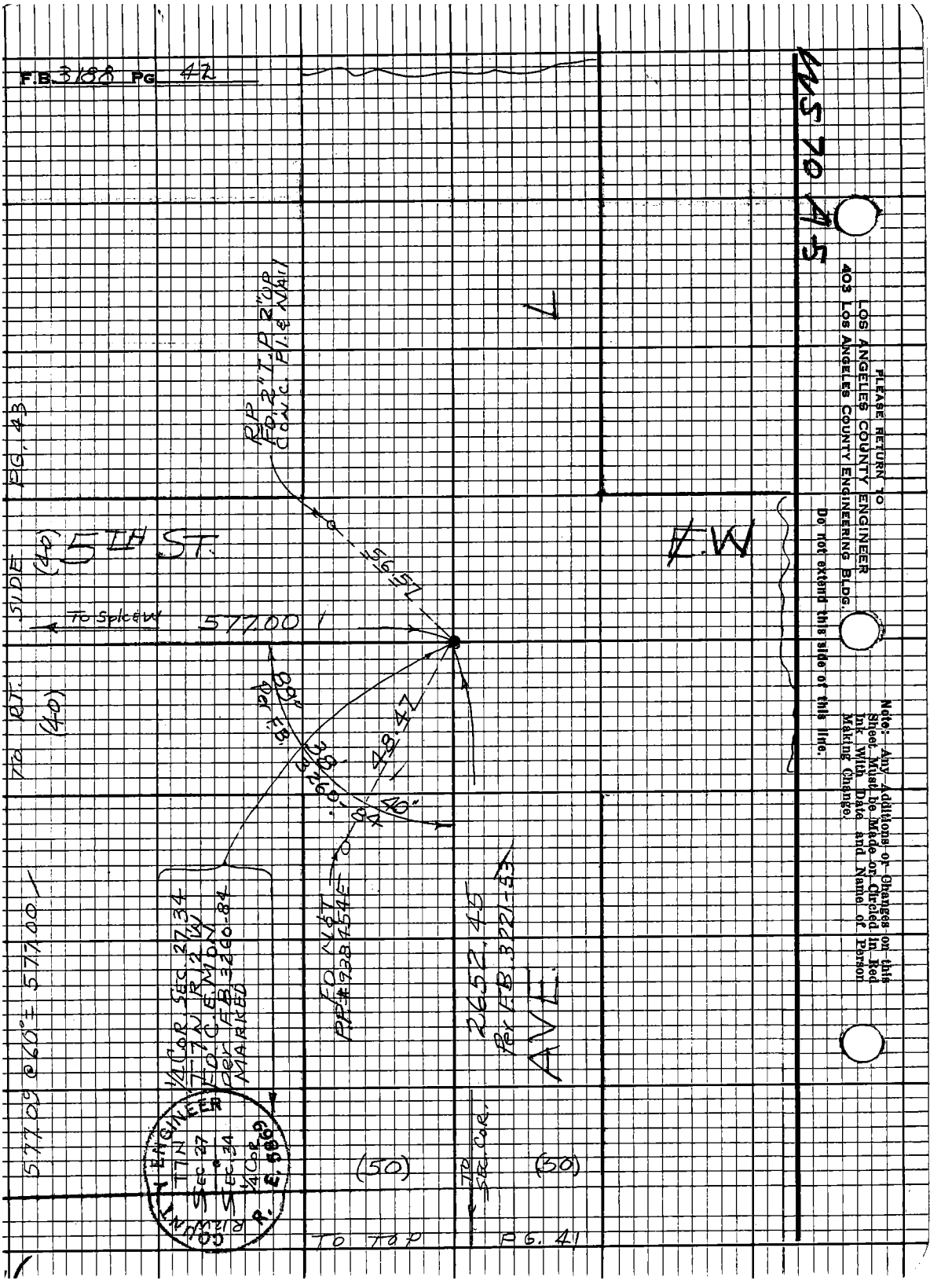


76F3098 CE# 810 9-67


F.B. 3188 PG 42
WS 70 A5
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
PG. 43
SIDE (40)
5TH ST.
TO RT. (40)
577.09 @ 60° = 577.00
To Spl. & W
577.00
RP FD. 2" I.P. 2" OP CONC. PL. & NAIL
56.57
89° Per F.B.
48.47
46°
FD NST PP #938454E
2652.45 Per F.B. 3221-53
AVE.
1/4 COR. SEC. 27, 34 T7N R12W FD. C.E. MON. Per F.B. 3260-84 MARKED
COUNTY ENGINEER T7N SEC. 27 SEC. 34 1/4 COR. R12W R. E. 5869
(50)
(50)
TO SEC. COR.
TO TOP
PG. 41

76F3098 CE#310 9-67

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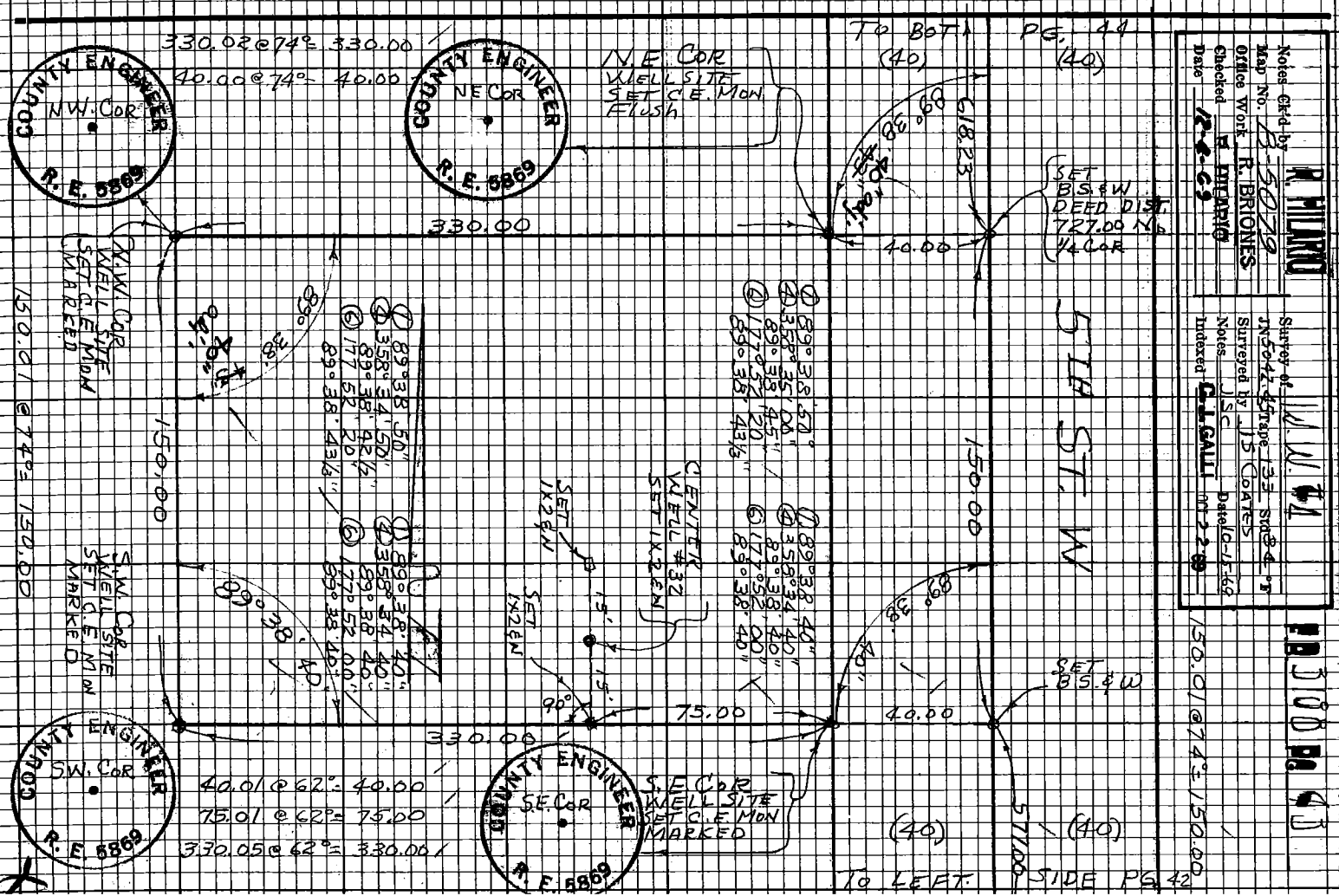

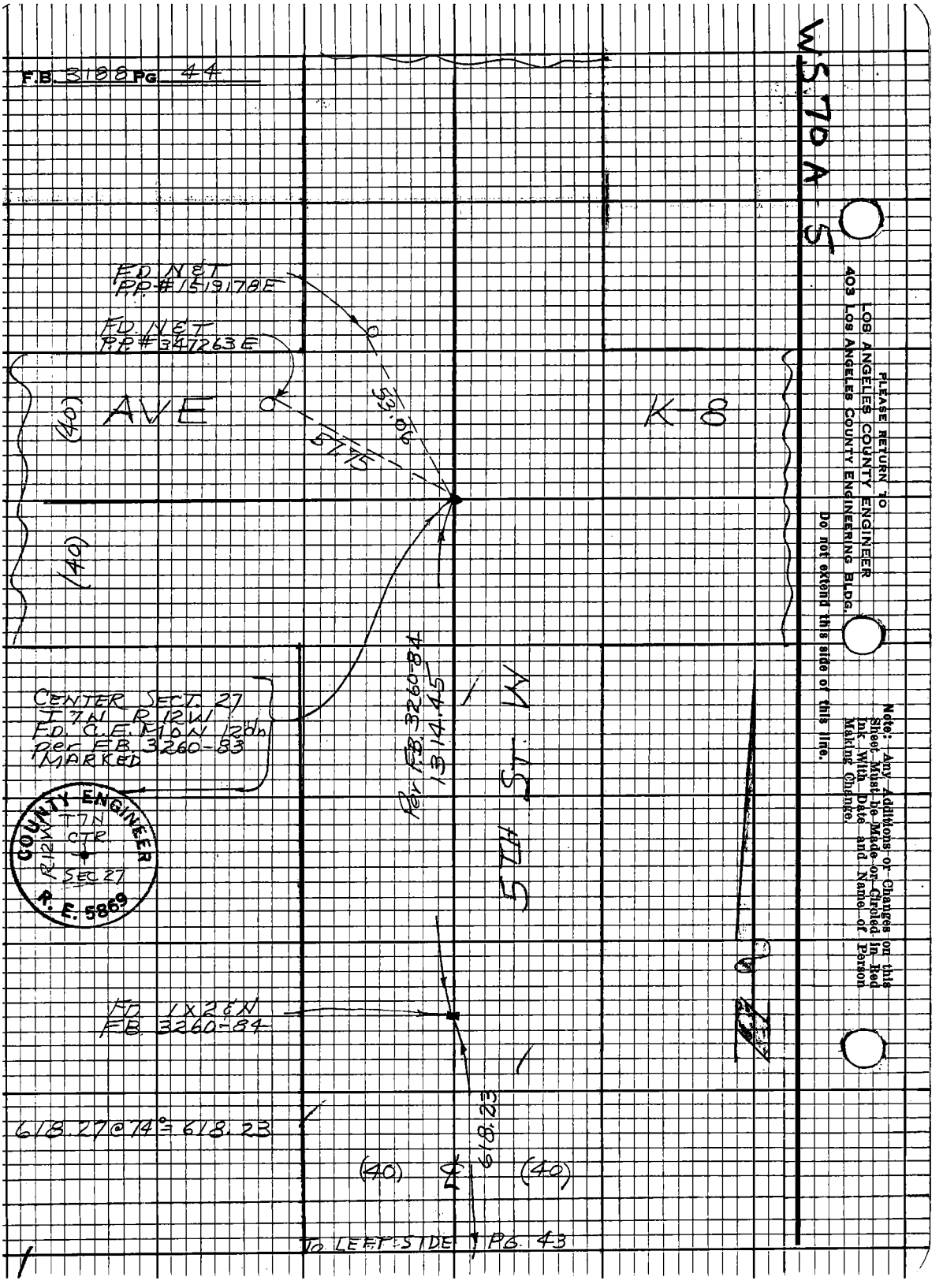
F.B. 3188 PG 44
W.S. 70 A-5
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
FD. N&T
P.P. #1519178E
FD. N&T
P.P. #347263E
AVE
K-8
(40)
(40)
53.06
57.75
CENTER SECT. 27
T7N R12W
FD. C.E. MON 12dn
per F.B. 3260-83
MARKED
Per F.B. 3260-84
1314.45
5TH ST W
COUNTY ENGINEER
T7N
R12W
CTR
SEC 27
R.E. 5869
FD. 1X2&N
F.B. 3260-84
618.27@74° = 618.23
618.23
(40)
(40)
TO LEFT SIDE PG. 43

NOTES RED _____ JOB NO. 5042.45 SURVEY OF W.W. DIST #4 | F. B3188 PG. 45

DATE _____ SURVEY BY J.S. COATES

NOTES CHKD. B. HILARIO NOTES BY J.S.C. DATE 10-16-69

DATE 12-4-69 INDEXED C. J. GALLI DATE OCT 22 1969

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 5042.45						
WATER WORKS DIST #4						
BENCH LEVELS						
FOR						
WELL SITE #32						

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

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

765420 S & E-353 4-54

76S420 S & E-353 4-54

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD BM 101-125	2447.435					BM 101-125 ELEV. 2447.435 (1967 Adj)
+	4.908		5.038			FB. 2410-38 LANCASTER 2.2 miles
⊼	2452.343	+0.025	0.027			S. along S.P. RR from station
−	4.883		5.011			0.4 miles N. of Milepost 408; 59.2' E
TP	2447.460					of ℄ of U.S. Hwy 6 42.3' W. of W
+	5.529		5.658			rail; 2' W. of a Telephone pole,
⊼	2452.989	+1.027	+1.026			1.4 ft E. of Witness post, 2'± lower
−	4.502		4.632			than Track, and set in a conc
TP	2448.487					post 0.1 above the Surface stamped
+	4.614		4.801			"T 811 1947
⊼	2453.101	−1.166	−1.162			
−	5.780		5.963			
TP	2447.321					
+	4.862		5.007			
⊼	2452.183	+1.014	+1.012			
−	3.848		3.995			
TP	2448.335					
+	4.423		4.529			
⊼	2452.758	+0.850	+0.847			
−	3.573		3.682			
TP	2449.185					
+	5.798		5.980			
⊼	2454.983	+2.004	+2.003			
−	3.794		3.977			
TP	2451.189					
+	6.015		6.088			
⊼	2457.204	+1.899	+1.900			
−	4.116		4.188			
TP	2453.088					

JOB NO. 5042.45 SURVEY OF W.W. DIST #4 NOTES RED
SURVEY BY J.S. COATES DATE
NOTES BY J.S.C. DATE 10-16-69 NOTES CHKD
INDEXED C.J. GALLI DATE DATE

F. B. 3/88 PG. 46

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

NOTES RED ____ JOB NO. 5042.45 SURVEY OF W.W. DIST #4
DATE ____ SURVEY BY J.S. COATES
NOTES CHKD. R. HITARKO NOTES BY J.S. COATES DATE 10-16-69
DATE 12-4-69 INDEXED C.J. GALLI DATE OCT 22 '69

F.B. 3188 PG. 47

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2453.088					
+	6.343		6.477			
⊼	2459.431	+2.693	+2.695			
−	3.650		3.782			
TP	2455.781					
+	5.781		5.837			
⊼	2461.562	+2.173	+2.169			
−	3.608		3.668			
TP	2457.954					
+	4.623		4.752			
⊼	2462.577	-0.711	-0.714			
−	5.334		5.466			
TP	2457.243					
+	4.907		5.023			
⊼	2462.150	-0.090	-0.094			
−	4.997		5.117			
T.P.	2457.153					
+	5.461		5.615			
⊼	2462.614	+2.062	+2.064			
−	3.399		3.551			
TP	2459.215					
+	5.771		5.940			
⊼	2464.986	+1.958	+1.962			
−	3.813		3.978			
TP	2461.173					
+	5.774		5.919			
⊼	2466.947	+2.126	2.129			
−	3.648		3.790			
SET BMNC1291	2463.299				2463.313	BMNC1291 Elev. 246 ~~2.944~~ 3.313 adj. F.B. 3188- 5th ST. W. 577 N. of ℄ AVE. L

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO 5042.45 SURVEY OF W.W. DIST #4
SURVEY BY JSC JS COATES DATE 10-16-69
NOTES BY JSC DATE
INDEXED C.J. GALLI DATE
NOTES RED DATE
NOTES CHKD. DATE
F.B. 3188 PG. 48

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM NC 1291	2463.299					BM NC 1291
+	4.274	/	4.441			See preceding page
⅄	2467.573	-1.322	-1.320			
−	5.596		5.761			
SET BM NC 1292	2461.977				2461.992	BM NC 1292 Elev. 2461.~~977~~ 992 adj. F.B. 3188-5th St W, 727' N. & Ave. L A C.E. Mon. @ N.E. Cor. Well Site #32
+	3.868	/	3.925			
⅄	2465.845	-2.208	-2.204			
−	6.071		6.129			
TP	2459.774					
+	3.628		3.758			
⅄	2463.402	-2.595	-2.592			
−	6.223		6.350			
TP	2457.179					
+	4.328	/	4.220			
⅄	2461.507	-1.734	-1.736			
−	6.062		5.956			
TP	2455.445					
+	3.702	/	3.852			
⅄	2459.147	-2.659	-2.660			
−	6.361		6.512			
T.P.	2452.786					
+	3.575	/	3.691			
⅄	2456.361	-2.474	-2.478			
−	6.049		6.169			
TP	2450.312					
+	3.740	/	3.915			
⅄	2454.052	-2.119	-2.118			
−	5.859		6.033			
TP	2448.193					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2448.193					
+	4.092		4.220			
⊼	2452.285	-2.449	-2.448			
−	6.541		6.668			
TP	2445.744					
+	4.262		4.379			
⊼	2450.006	-2.240	-2.241			
−	6.502		6.620			
SET BMNC 1293	2443.504				2443.530	BMNC 1293 Elev. 2443 ~~149~~ 530 adj. F.B. 3118-49
+	6.784		6.977			5th ST. W. & AVE. K-8 ℄ INT.
⊼	2450.288	+1.310	+1.309			A C.E. MON 12"dn.
−	5.474		5.668			
SET BMNC 1294	2444.814				2444.841	BMNC 1294 Elev. 2444 ~~459~~ 841 adj. F.B. 3118-49
+	3.699		3.906			5th ST. W. & AVE. K-8, 40'N. & 40'W
⊼	2448.513	-2.930	-2.929			℄ INT. A 2"I.P. Conc. Pl & C.E. TAG 6"up
−	6.629		6.835			
TP	2441.884					
+	3.123		3.231			
⊼	2445.007	-2.968	-2.969			
−	6.091		6.200			
TP	2438.916					
+	3.501		3.587			
⊼	2442.417	-2.470	2.471			
−	5.971		6.058			
TP	2436.446					
+	3.014		3.148			
⊼	2439.460	-3.446	-3.443			
−	6.460		6.591			
T.P.	2433.000					

NOTES RED ____ JOB NO. 5042.45 SURVEY OF W.W. DIST. #4
DATE ____ SURVEY BY J S COATES
NOTES CHKD. R. HILARIO NOTES BY J S COATES DATE 10-16-69
DATE 12-8-69 INDEXED C.J. GALLI DATE OCT 22 '69

F.B. 3188 PG. 49

76S420 S & E-353 4-54

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Do not extend notes this side of this line

JOB NO 5042.45 SURVEY OF W.W. DIST. #4
SURVEY BY J.S. COATES
NOTES BY J.S.C. DATE 10-17-69
INDEXED C.J. GALLI DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 3188 PG. 50

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2433.000					
+	2.862		2.950			
⅄	2435.862	-2.938	-2.937			
–	5.800		5.887			
TP	2430.062					
+	3.002		3.110			
⅄	2433.064	-3.351	-3.353			
–	6.353		6.463			
TP	2426.711					
+	3.559		3.683			
⅄	2430.270	-2.790	-2.794			
–	6.349		6.477			
TP	2423.921					
+	3.328		3.450			
⅄	2427.249	-2.855	-2.856			
–	6.183		6.306			
TP	2421.066					
+	3.316		3.441			
⅄	2424.382	-2.832	-2.828			
–	6.148		6.269			
TP	2418.234					
+	3.149		3.309			
⅄	2421.383	-4.221	-4.225			
–	7.370		7.534			
BM FD 105-7	2414.013				2414.059	BM 105-7 Elev. 2414.059 F.B. 2417-149 Lancaster - AVE. K & 5th ST. W. @ INT. A C.S. Mon. in H.H. marked "1/4 SEC. COR. 22, 27 T7N R12W"

W. W. DIST. #4

Notes Ck'd by	Survey of 25TH ST W WATER	F.B. 3188 Pg. 51
Map No.	JN 5042.14 Tape Std °F	
Office Work	Surveyed by J. C. PIERCE	
Checked	Notes J.C.P. Date 10-23-69	
Date	Indexed	

J.N. 5042.14

WATERWORKS DISTRICT #4

SPEC. WWD-4-295 OF 1969

25TH ST. WEST WATERMAIN

AVENUE K. TO AVENUE K-8

SET SPK & TIN 6' WEST OF WATER LINE 100' STATIONS

PIERCE
KING
TALBOT
MITCHELL

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

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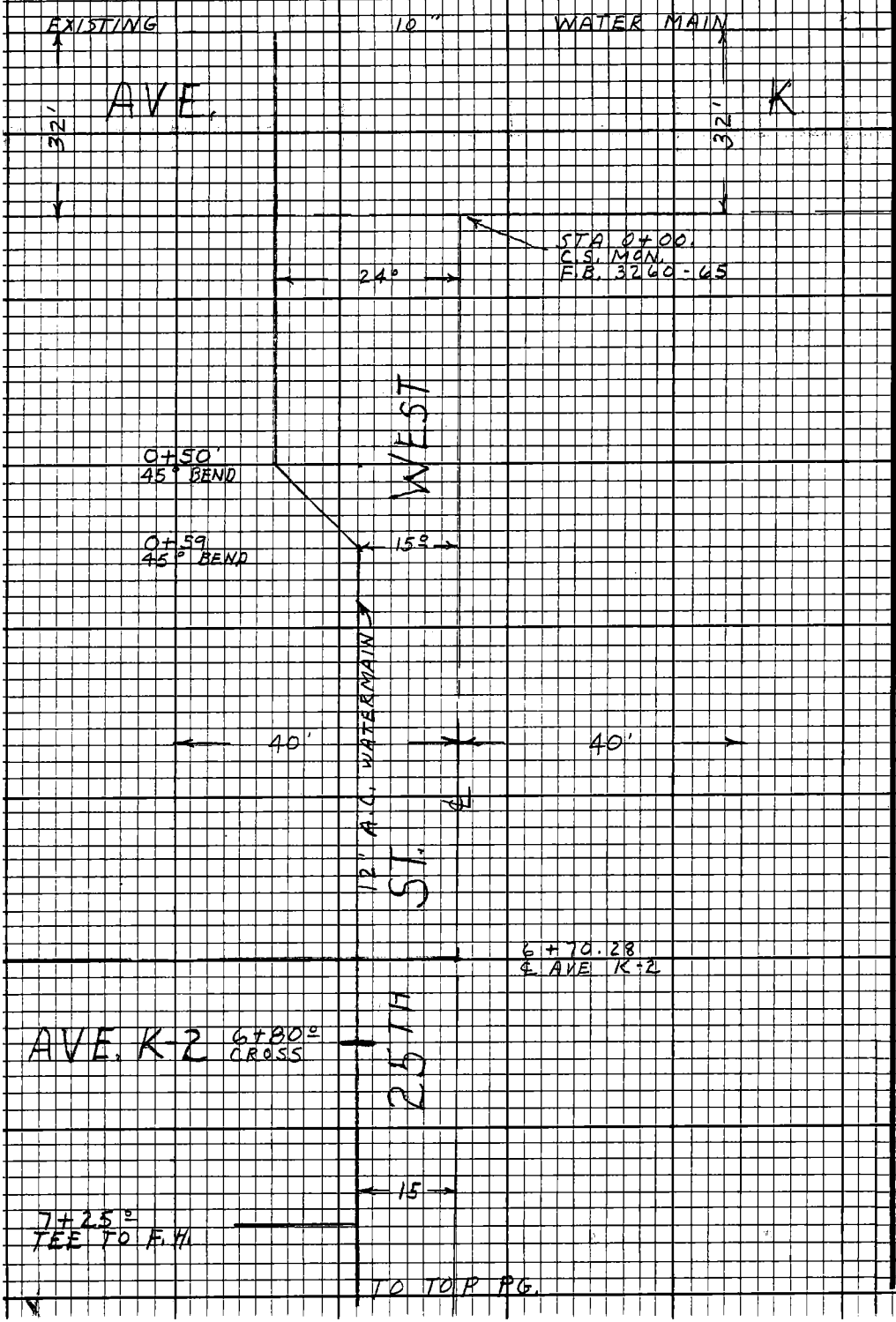
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7653098 CE#310 9-67

F.B. 3188 PG 52



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W.W. DIST # 4

Notes Ck'd by	Survey of 25TH ST. W. WATER F.B. 3188 PG. 53
Map No.	JN 5042.14 Tape Std °F
Office Work	Surveyed by PIERCE
Checked	Notes J.C.P. Date
Date	Indexed

TO BOT PG.

12+84
TEE TO F.H.

40 40

15'

(30) AVE K-4

13+39.88
℄ AVE. K-4

(30)

13+49.40
CROSS

25TH ST. WEST

12" WATERLINE

℄

19+40
TEE TO F.H.

15'

40 40

25+64.98
TEE

TO LEFT PG.

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7613093 CE#91D 9-67

F.B. 3188 PG. 54

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Profile No.	Notes Red Date	Plotted Date	Job No. 5042.14	Division No.	3188 55
			Survey of W.W. DIST #4 25TH ST. W. MAIN		
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey by J.C. PIERCE	Notes J.C.P	Date 10-69
			Map No.	Indexed	Date

J. N. 5042.14

CONSTRUCTION STAKES

FOR

12" WATERLINE

ON

25TH ST. WEST

FROM: AVE. K.

TO: AVE K-8

AND SHORT LINES TO EAST & WEST ON AVE K-8

SET SPK. & TIN 6.00 TO RIGHT (WEST) AT 100' STATIONS

PIERCE
KING
TALBOT
MITCHELL

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

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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.			
BM AV262				2386 94	BM AV 262 ELEV. = 2386.941 F.B. 2139-58		
					℄ INT AVE. K, & 25TH ST. W. A C.S. MON.		
					WITH BRASS CAP MKD. COUNTY SURVEYORS		
					MONUMENT 20, 29 T.7N. R.12W. DN 8"		
					WITH CAP & WELL (SOUTH EDGE BRASS CAP)		
					BOT TRENCH GRADE	CUT	
0+00				87 43	2381.2	6.23	SET SPK & T 6' R.
0+20				87 60	81.4	6.20	
0+50 BACK				87 40	82.0	5.40	
0+50 AHD				87 39	82.0	5.40	
0+59 BACK				87 50	82.1	5.40	
0+59 AHD				87 51	82.1	5.40	
1+00				87 55	82.4	5.40	
2+00				89 48	84.8	5.40	
3+00				91 45	86.2	5.40	
4+00 *				92 91	87.6	5.40	
5+00				93 96	88.9	5.40	
6+00				94 79	89.6	5.40	
6+80				95 63	90.2	5.43	CROSS
7+00				2395 80	2390.3	5.50	

F.B. 3188 PG. 56
Job No. 5042.14 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 25 ST W MAIN Date Date No.
Survey by J.C. PIERCE Notes J.C.P. Notes Chkd. Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BOT TRENCH GRADE	CUT	
7+25				2395 84	2390.67	5.40	SET SPK & T 6' RIGHT TEE TO F.H
				96 30	2396.68 T.C.	F. 0.38	5' AHEAD @ F. H.
				96 10	2396.68 T.C.	F. 0.58	BACK
8+00				96 98	91.8	5.40	6' RIGHT
9+00				98 05	92.8	5.40	
10+00				99 83	93.8	6.03	
11+00				2400 43	94.8	5.63	
12+00				01 55	95.8	5.75	
12+84				03 19	96.6	6.59	TEE TO F.H.
				02 42	2402.60 T.C.	F 0.18	5' AHEAD @ F.H.
				02 26	2402.60 T.C.	F 0.34	5' BACK
13+00				03 14	96.8	6.34	6' RIGHT
13+49.14 *				03 06	97.3	5.76	CROSS
14+00				04 20	97.8	6.40	
15+00				05 29	98.8	6.49	
16+00				06 62	99.8	6.82	
17+00				06 85	2400.9	5.95	
18+00				08 37	02.0	6.37	
19+00				09 81	03.0	6.81	
19+40 *				10 37	03.6	7.77	TEE TO F.H

Profile No. ____ Notes Red ____ Plotted ____ Job No. 504214 Division No. 1 F.B. 3188 P.B. 57
Date ____ Date ____ Survey of W.W. DIST #4 25TH ST W. MAIN
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.C. PIERCE Notes J.C.P Date 10-69
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 2-63

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. 5042.14
Survey of W.W. DIST #4 25TH ST. W. MAIN
Survey by J.C. PIERCE Notes J.C.P.
Indexed ____ Date ____
F.B. 3188 PG. 58

STATION	B.S.	H.I.	F.S.	ELEV.	BOT TRENCH GRADE	CUT	
				2410 45	2409.7 T.C.	0.75	SET SPK & T. 5' AHEAD @ F.H.
				10 30	2409.7 T.C.	0.60	" " " " BACK @ " "
20+00				10 80	2404.2	6.60	" " " 6' RIGHT
21+00				11 47	04.7	6.77	
22+00				11 03	05.2	5.83	
23+00				11 54	05.8	5.74	
24+00				12 12	06.3	5.82	
25+00				12 89	06.8	6.09	
25+57				13 95	2407.5	6.45	
25+64.08*				14 11	07.6	6.51	CROSS
26+00				14 75	08.4	6.95	
26+51.08				15 80	2409.5	6.30	CROSS
43' EAST				16 28		5.60	TEE
52' WEST				16 35		5.60	TEE TO F.H.
95' WEST				16 48		5.60	TEE
T.B.M. # 2				2417 23			TBM # 2 ELEV. = 2417.23 F.B. 3137 - 188 FD. BT. SPK. IN SW SIDE OF T.P. "K" 774 18° N. OF AVE. K-8 55° E OF 25TH ST. W.

A

Notes Ch'd by	Survey of W W DIST # 4
Map No.	JN 5042.22 Tape 186 Sta 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 10-22-69
Date	Indexed

F.B. 3188 PG. 59

J.N. 5042.22

WATERWORKS DISTRICT # 4

SPEC # WWD 4-295 OF 1969

WATERMAIN EXTENSION ON HEATON AVE
BETWEEN AVE J-10 & J-12

PIERCE
KING
TALBOT
MITCHELL

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

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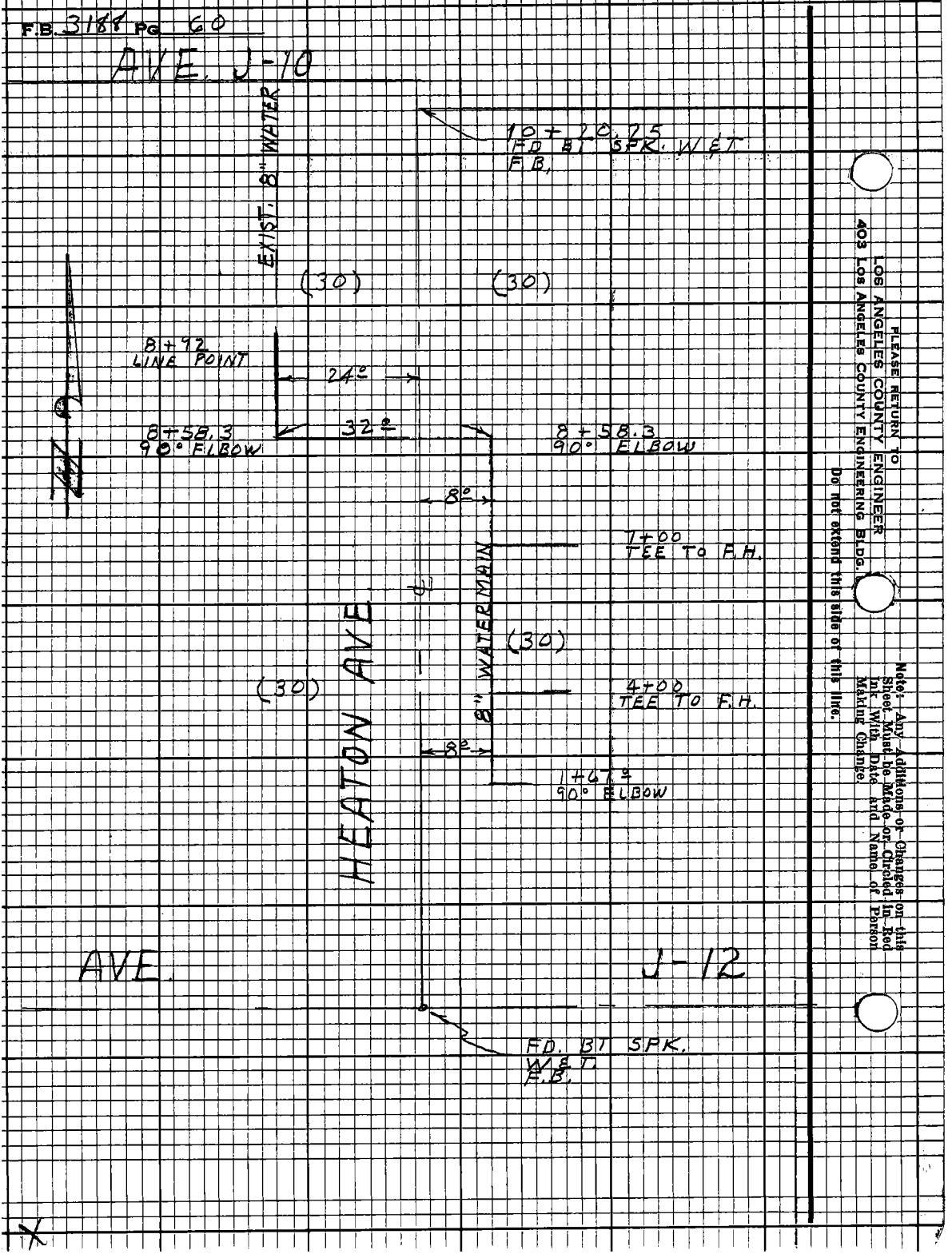
76F9098 CE#310 9-67

X

F.B. 3188 PG 60



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN5042.16 Tape 189 Std 54 °F
Office Work	Surveyed by J.T. PIERCE
Checked	Notes J.C.P. Date 10-69
Date	Indexed

F.B. 3188 Pg. 61

JN 5042.16

STAKING FOR

10" WATER MAIN

ON

AVE J

BETWEEN 10TH ST E

AND HANSTEAD AVE

PIERCE
KING
TALBOT
MITCHELL

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

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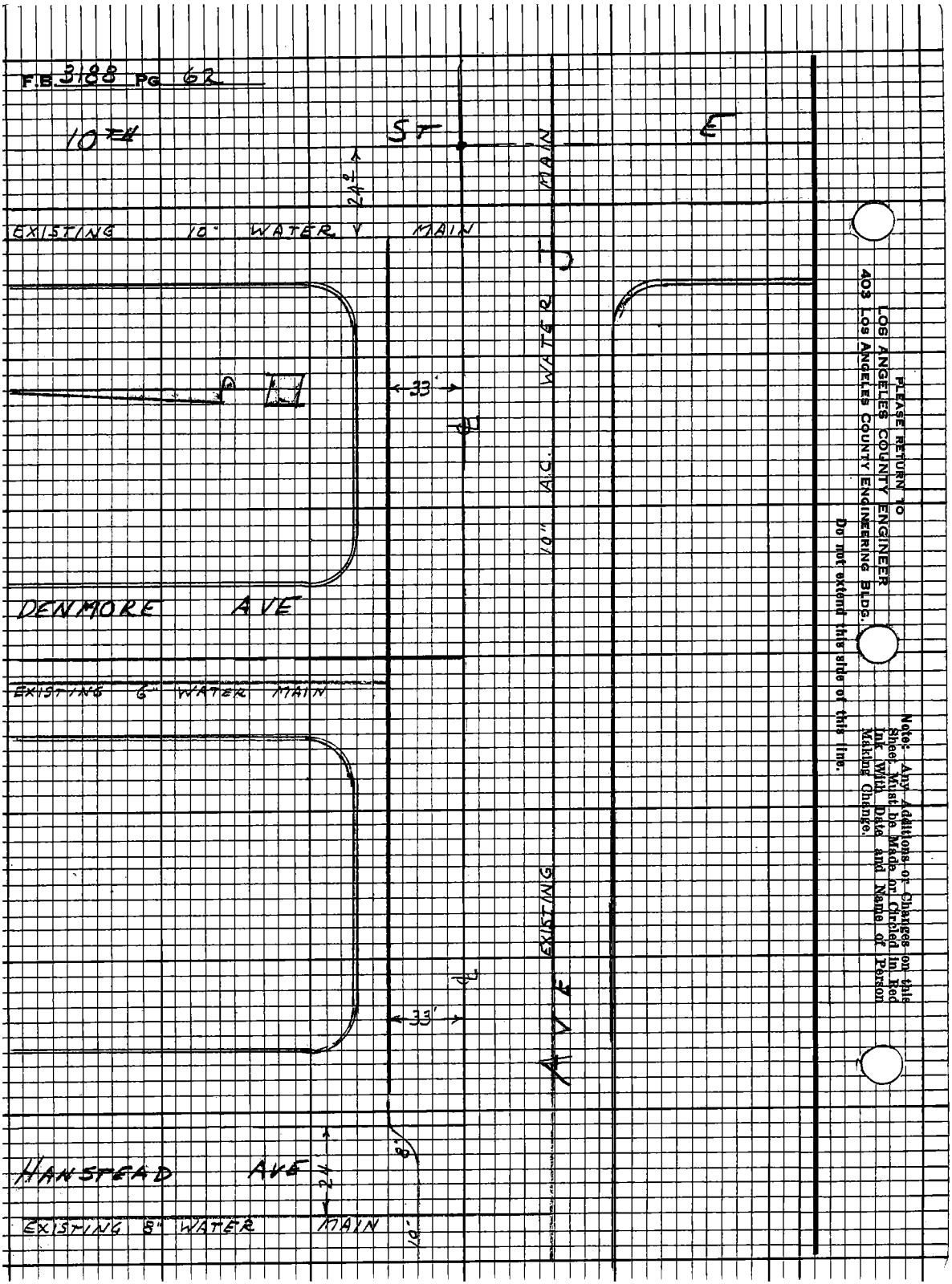
76F3098 CE#310 9-67


F.B. 3188 PG 62
10TH ST E
24'
EXISTING 10" WATER MAIN
MAIN
WATER
10" A.C.
33'
DENMORE AVE
EXISTING 6" WATER MAIN
EXISTING
AVE
33'
HANSTEAD AVE
24'
8"
10"
EXISTING 8" WATER MAIN
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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Notes Ck'd by	Survey of W. W. DIST #30
Map No.	JN 504221 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 10-22-70
Date	Indexed

F.B. 3188 PG. 63

J. N. 504221

WATERWORKS DISTRICT #4

M-O - 7W RESERVOIR SITE

CONSTRUCTION STAKES

FOR FENCE AT WELL #30

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

Do not extend this side of this line.

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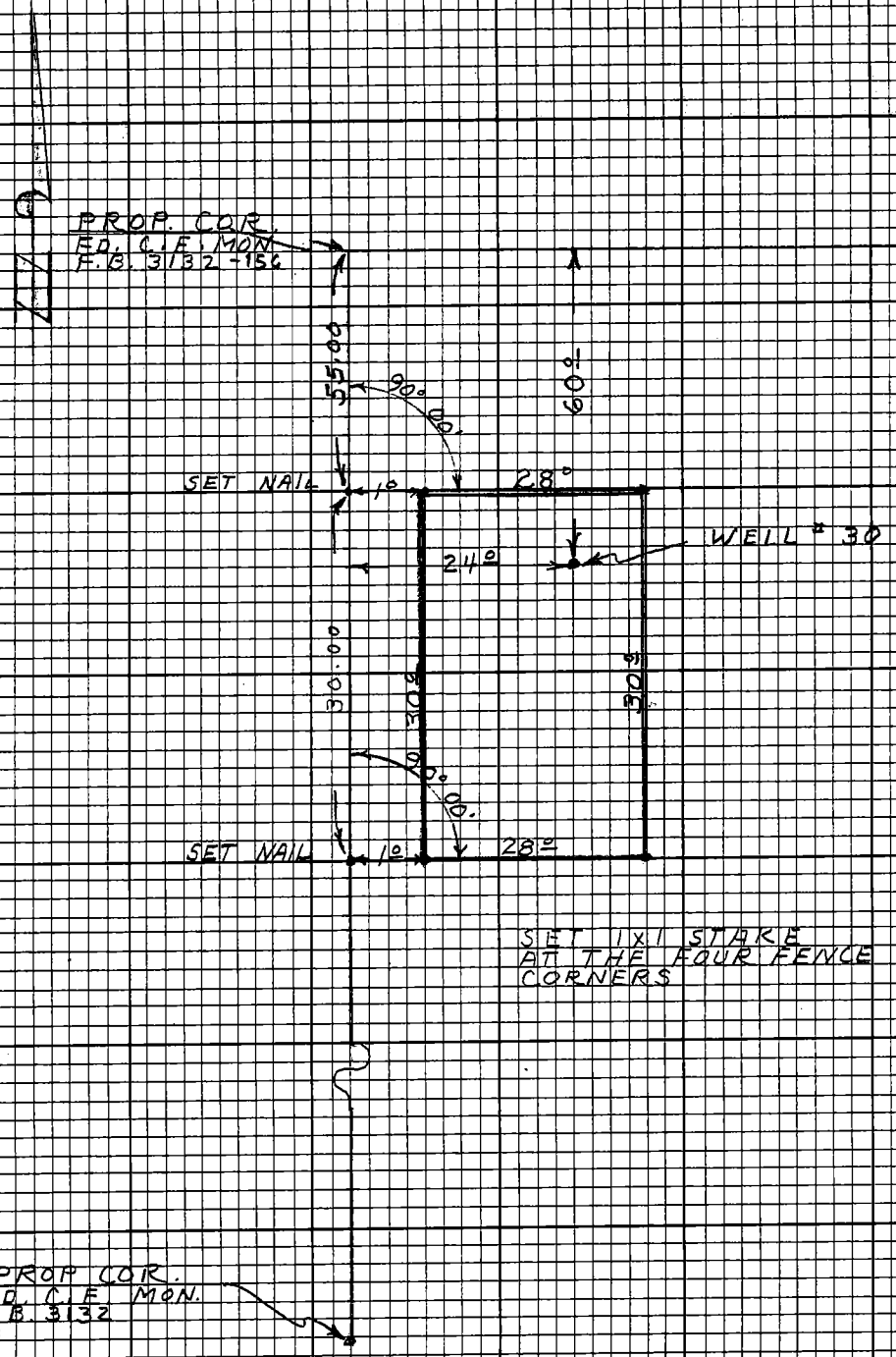
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3188 PG 64



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403 Los Angeles County Engineering Bldg.

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

Notes Ck'd by	Survey of W.W. DIST # 4
Map No.	JN 5042.21 Tape 186 Std. 84 "F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 10-69
Date	Indexed

F.B. 3188 PG. 65

JN 5042.21

W W DIST # 4

WELL SITE # 24

CONSTRUCTION STAKES

FOR

FENCE

PIERCE
KING
TALBOT
MITCHELL

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

Do not extend this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

7ES098 CE#310 9-67

F.B. 3188 PG 66

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403 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of W.W. DIST # 4
Map No.	JN 504221 Tape 186 Sta 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 10-69
Date	Indexed

F.B. 3188 PG. 67

J.N. 504221

WATERWORKS DISTRICT #4

WELL SITE # 27

AVE J-12 & 50TH ST WEST

CONSTRUCTION STAKES
FOR
FENCE

PIERCE
KING
TALBOT
MITCHELL

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

78F3098 CE#310 9-67

F.B. 3188 PG 68

PROP COR
FD. C.I.E. MON.
D.N. 12"
F.B. 2638-168, 244
AT SE COR
WATER LOT

SLY P/L OF
WATER LOT

549.61 @ LEV (T-84) = 549.61
440.69 @ LEV (T-84) = 440.69

549.61

90°00'

14.0

40.4 SET NAIL

13.0

10.5

2.5

8.0

46.4

40.2

EXISTING
WELL #27

40.0

29.5

90°00'

14.0

40.4 SET NAIL

SET 1X1 STKS AT
THE FOUR CORNERS OF
FENCE

440.69

50TH ST WEST
℄

FD. NAIL IN
PVMT BY 3'
SQ HD. SPK.
TIES
F.B. 2638-163

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Notes Ck'd by	Survey of W. W. DIST #4
Map No.	JN 5042.21 Tape 186 Sta 84 "F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 10-69
Date	Indexed

F.B. 3188 PG. 69

J. N. 5042.21

WATERWORKS DISTRICT #4

CONSTRUCTION STAKES

FOR

WALL AND FENCE

AT

AVE K-8 AND 25TH ST. WEST

PIERCE
TALBOT
MITCHELL

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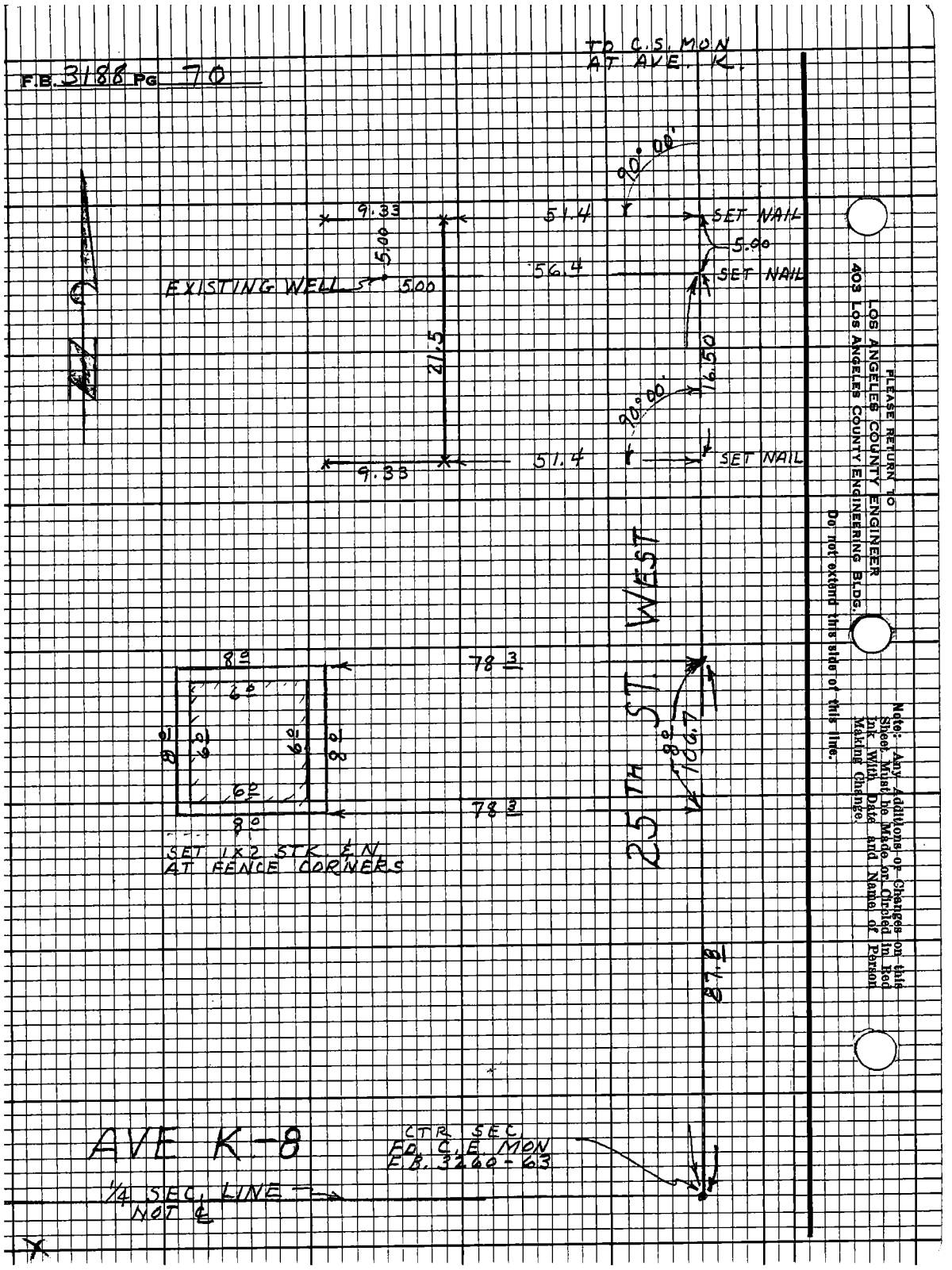
76ES098 CE#310 9-67

F.B. 3188 PG 70



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Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 5042.30 Tape 133 Std 84 F
Office Work	Surveyed by JS COATES
Checked	Notes J.S.C. Date 10-23-69
Date	Indexed

F.B. 3188 PG. 71

J.N. 5042.30

WATER WORKS DIST #4

10" E. WATER MAIN
FROM
AVE K TO Near AVE J-5

SPEC. # WW04-313 OF 69

Set Stk & Tin 6' R or West of pipe

COATES
VAN NESS
ADAMS
BITTEL

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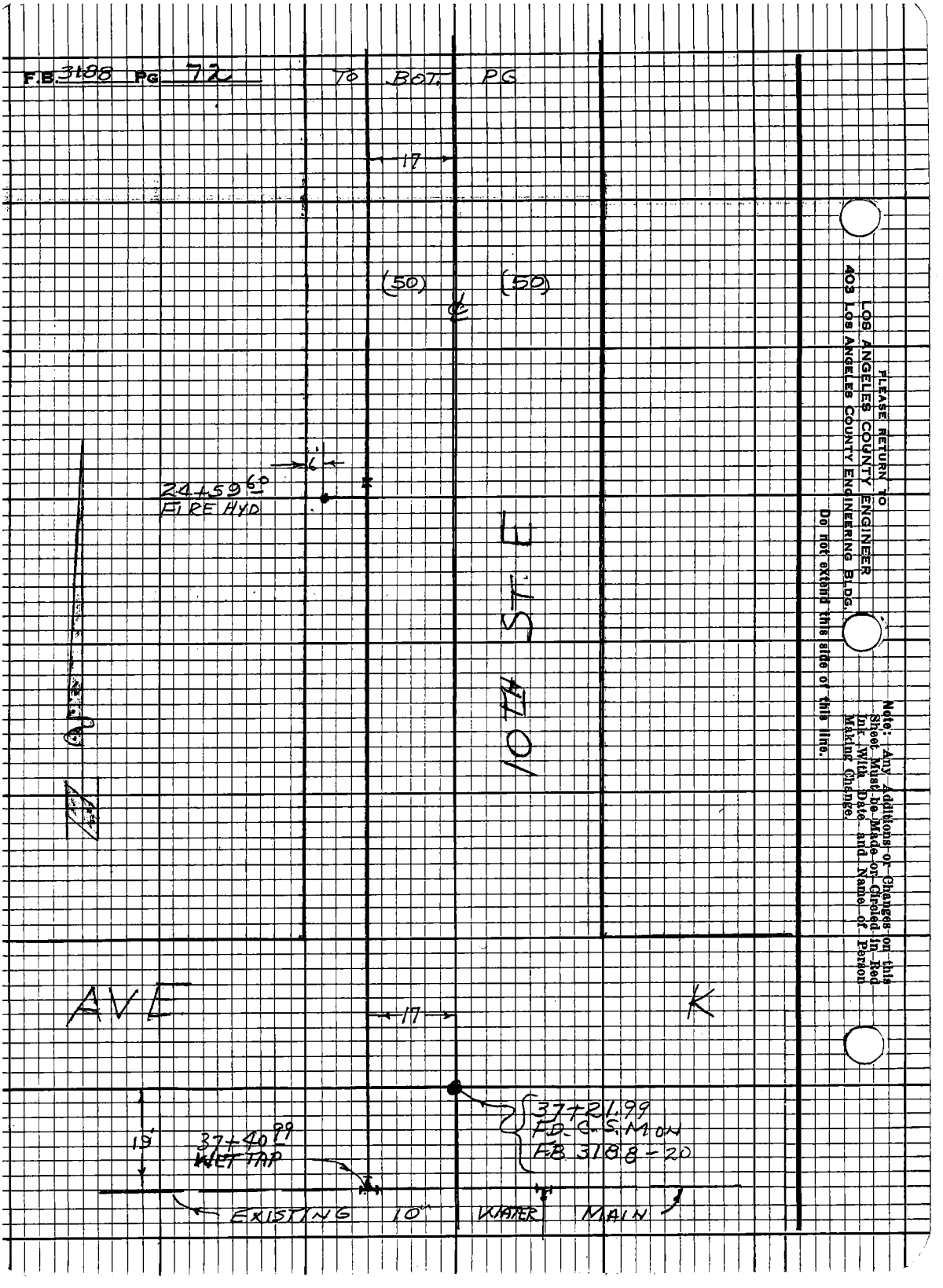
76F9098 CE#310 9-67


F.B. 3188 PG 72
TO BOT. PG
17
(50)
(50)
6'
24+59.60
FIRE HYD
10TH ST E
AVE
K
17
19'
37+40.99
WET TAP
37+21.99
F.D. C.S. MON
F.B. 3188-20
EXISTING 10" WATER MAIN
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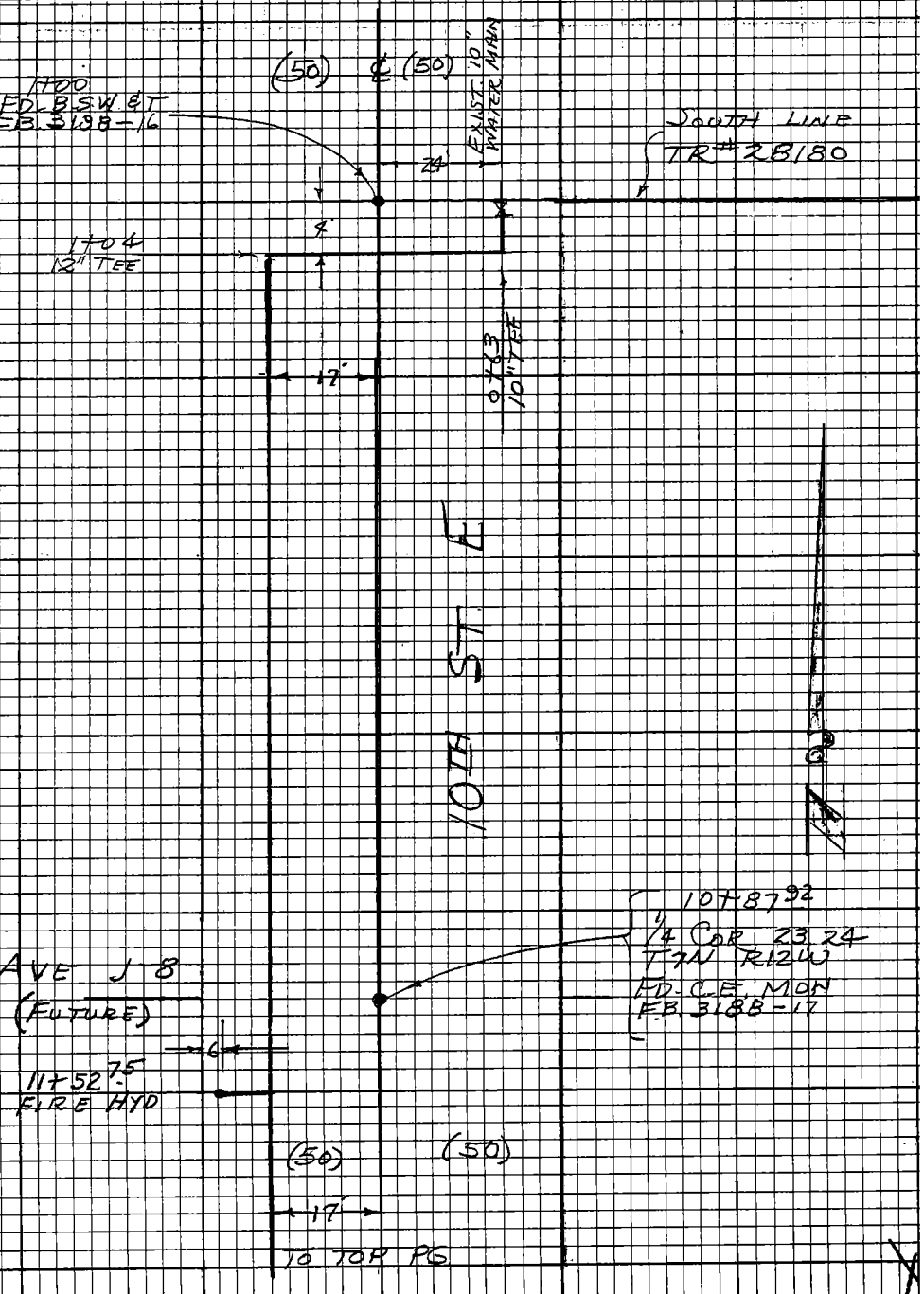
Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 5042.30 Tape 133 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 10-23-69
Date	Indexed

F.B. 3188 PG. 73



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76F3098 CE#310 9-67

Notes Ck'd by	Survey of WWD DIST #4
Map No.	JN 5042.30 Tape 136 Std 84 °F
Office Work	Surveyed by J S COATES
Checked	Notes J S C Date 11-17-69
Date	Indexed

FB 3188 Pg 75

J.N. 5042.30

WATER WORKS DIST #4

AVE K-12

WATER MAIN EXTENSION

10th ST. E TO E-LINE IR# 10448

SPEC # WWD-4-313-1969

COATES
VAN NESS
ADAMS
BITTEL

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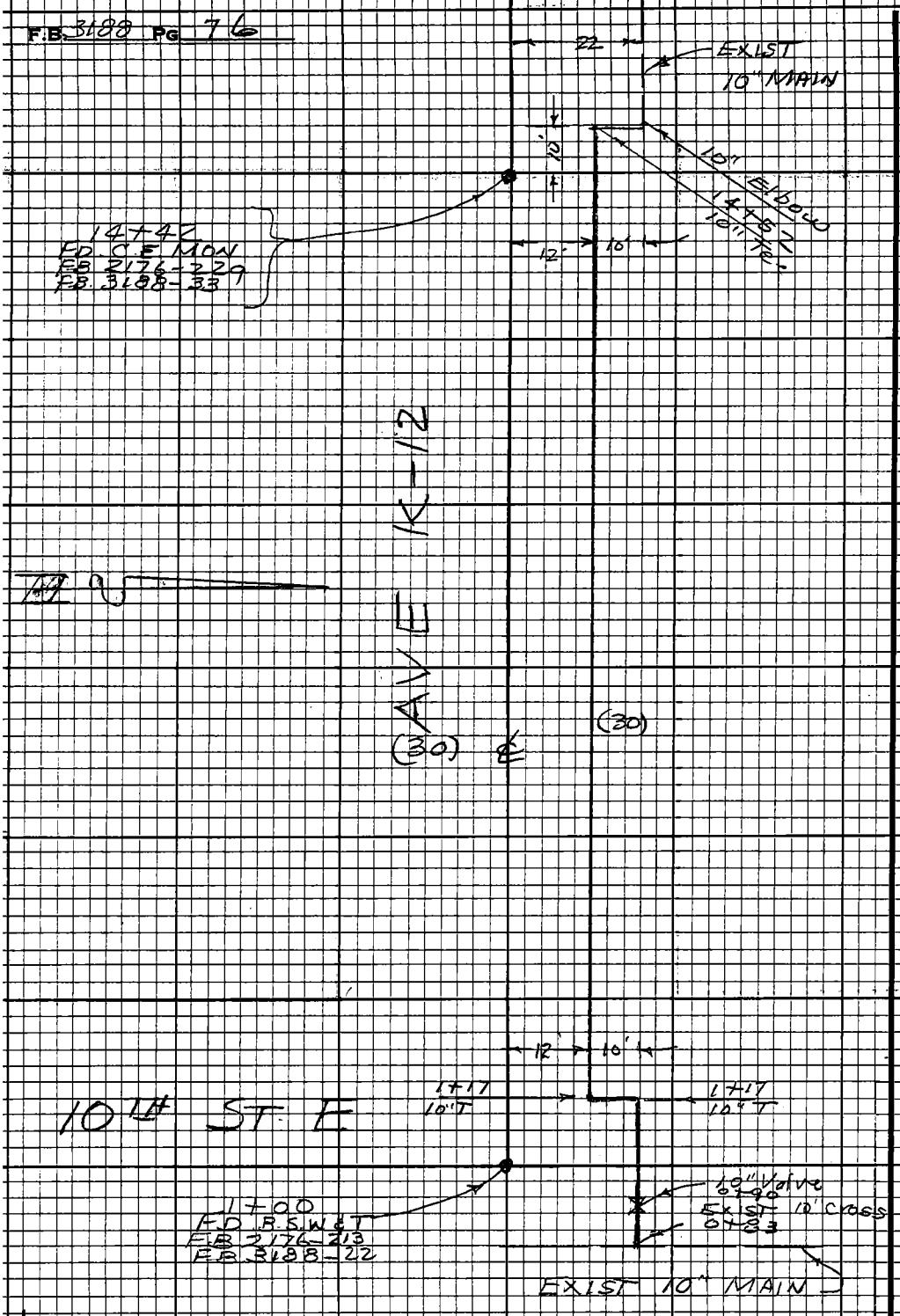
76F3098 CE#310 9-67

F.B. 3188 PG 76



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Profile No.	Notes Red / Date	Plotted / Date	Job No. 5042.30	Division No.	F.B. 3188 P.G. 77
X-Sec. No.	Notes Chk'd. / Date	Checked / Date	Survey of W.W. DIST. #4		
			Survey by JSC	Notes JSC	Date 11-17-69
			Map No.	Indexed	Date

J.N. 504230

WATER WORKS DIST #4

GRADE ELEVATION

FOR

AVE K-12 WATERMAIN

10th ST. E. TO E-Line TR# 10448

SPEC. # WWD-4-313-1969

COATES
VAN NESS
ADAMS
BITTEL

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.	GRADE	CUT.		AVE K-12
TBM #1				2457.65	TBM #1 Elev. 2457.65			FB 3188-36
					10th ST. E. & AVE K-12			B.S.W. & T @ ℄ INT
0+83	EXIST. 10" CROSS				2452.50			
0+90	10" Valve			57.27	52.22	5.05		
1+00				57.49	51.82	5.67		
1+17	10" Tee			56.71	51.13	5.58		
1+17	10" Tee			56.77	"	5.64	6' SO.	
1+35				54.95	2450.40	4.55		
2+00				55.48	"	5.08		
3+00				55.40	2450.40	5.00		
4+00				56.06	2450.70	5.36		
5+00				57.37	50.82	6.55		
6+00				58.16	50.94	7.22		
7+00				59.18	51.05	8.13		
7+16				58.88	51.03	7.85		
"	ON N. P/L			59.00	58.66	0.34	TOP FLANGE OF FIRE HYD.	
8+00				57.31	51.17	6.14		
9+00				56.93	51.29	5.64		
10+00				56.33	2451.40	4.93		
10+20				56.05	2451.40	4.65		
11+00				2457.81	2452.90	4.91		

F. B. 3188 PG. 78
Job No. 50423 Division No. 11 Notes Red Plotted Profile
Survey of W. W. DIST #4 Date Date No.
Survey by J.S.C. Notes J.S.C. Notes Chk'd. Checked X-Sec.
Indexed Date 11-17-69 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
12+00				2457.69	2453.00	4.69	
13+00				57.51	2453.10	4.41	
14+00				58.26	2453.49	4.77	
14+52				58.19	2453.70	4.49	
"				58.60	"	4.90	ELBOW N.
"				58.29	"	4.59	S.
T.P.				58.48			
BMAV209				2456.79	BMAV 209 Elev. 2456.865 F.B. 2176-188 7th St. E. (E. Side) 95'± N ℄ AVE K-12 CS Mon @ N.W. Cor. Water lot		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5042.30 Division No. ____ F.B. 3188 Pg. 79
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
Notes Chk'd. ____ Checked ____ Survey by JSC Notes JSC Date 11-17-69
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 5042.15 Tape 136 Std 84 °F
Office Work	Surveyed by J. S. COATES
Checked	Notes J.S.C. Date 12-15-69
Date	Indexed

F.B. 3188 Pg. 81

J.N. 5042.15

WATERWORKS DIST #4

AVE. J & YUCCA ST.

WATERMAIN

SPEC. # W.W.4 - 313 OF 1969

COATES
VANALESS
ADAMS
BITTEL

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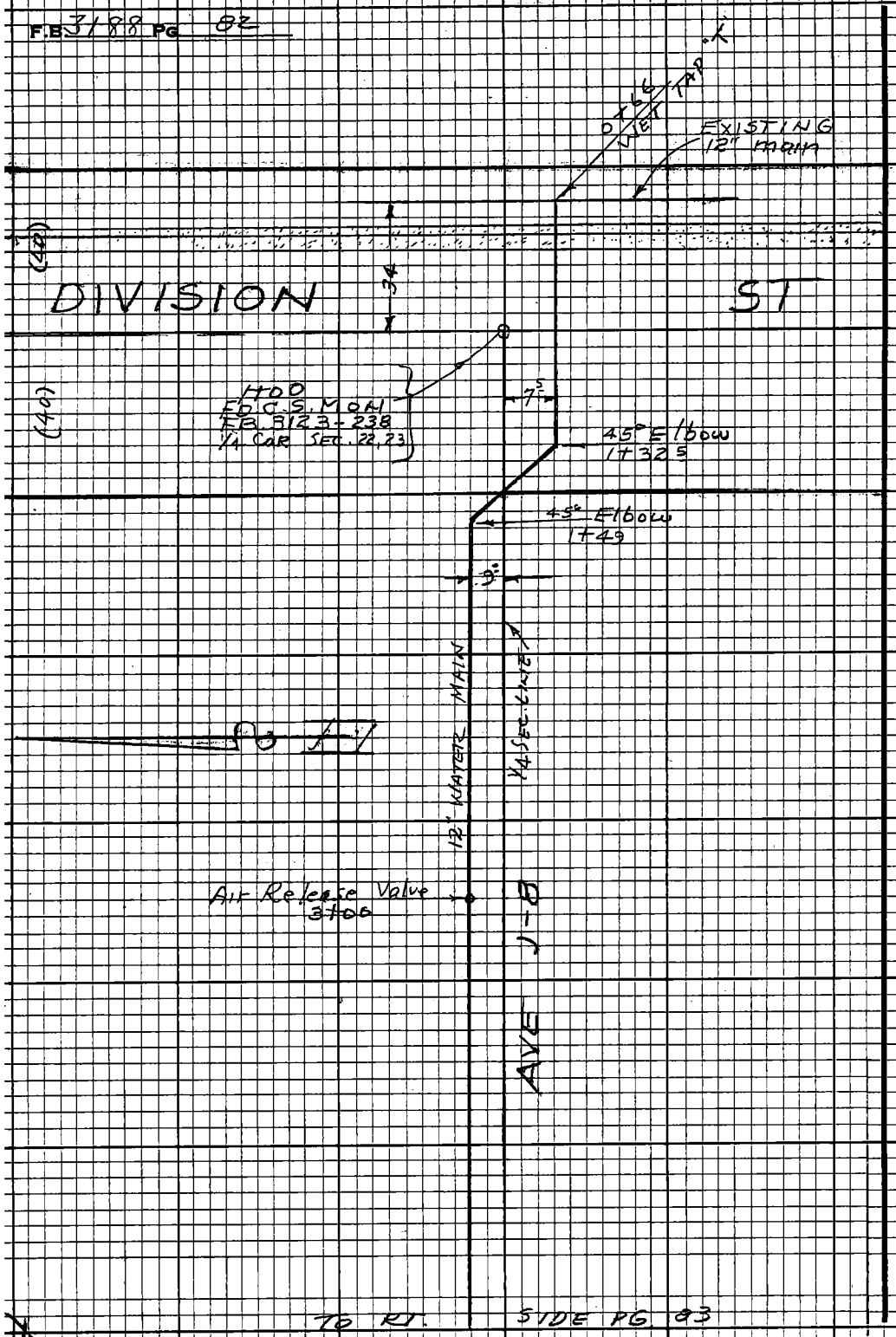
76F3058 CE#310 9-67

F.B. 3188 PG 82



TO RT. SIDE PG 83

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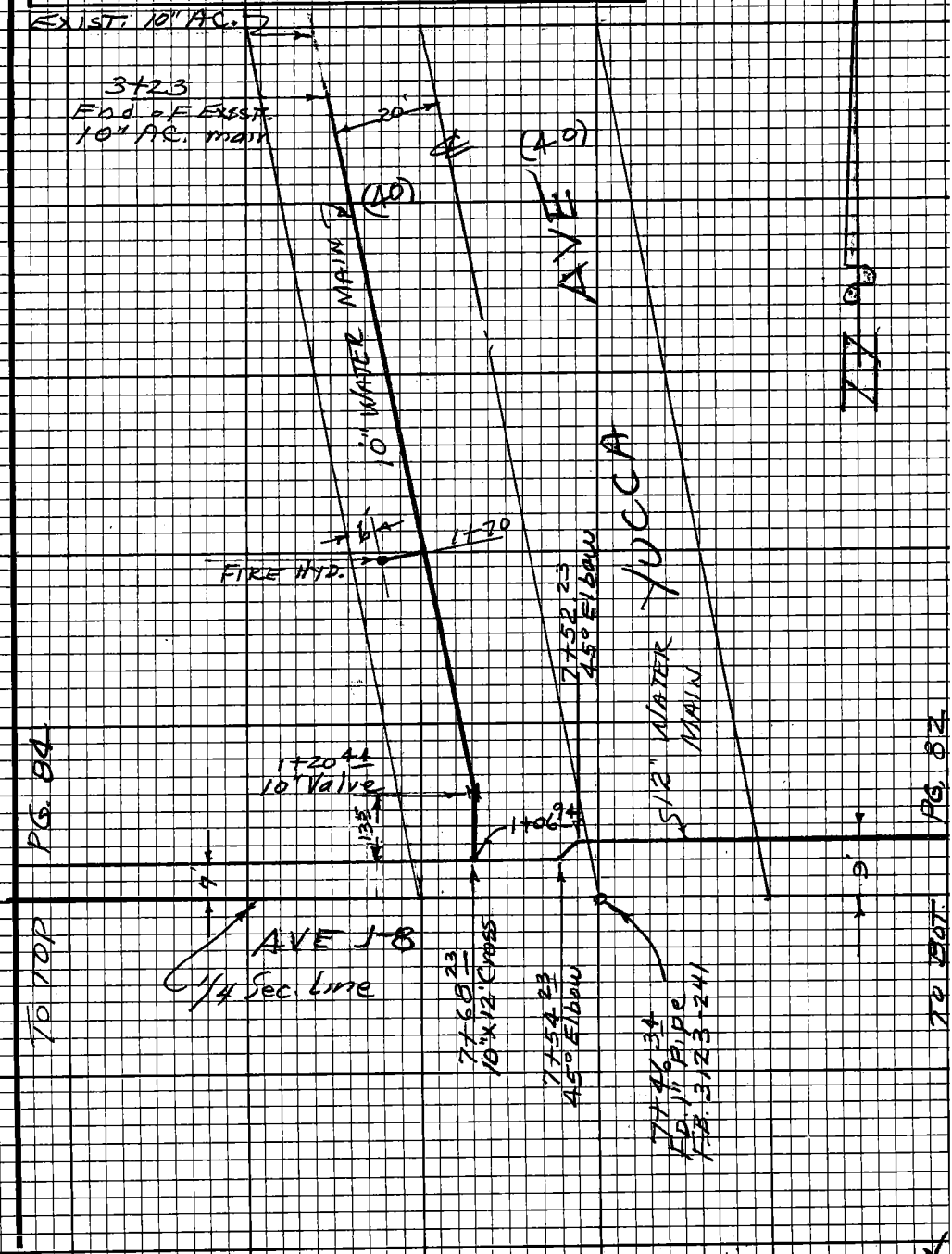
Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 5042-15 Tape 136 Std 54°F
Office Work	Surveyed by JS COATES
Checked	Notes Date
Date	Indexed

F.B. 3188 PG. 83



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76F3098 CE#310 9-67

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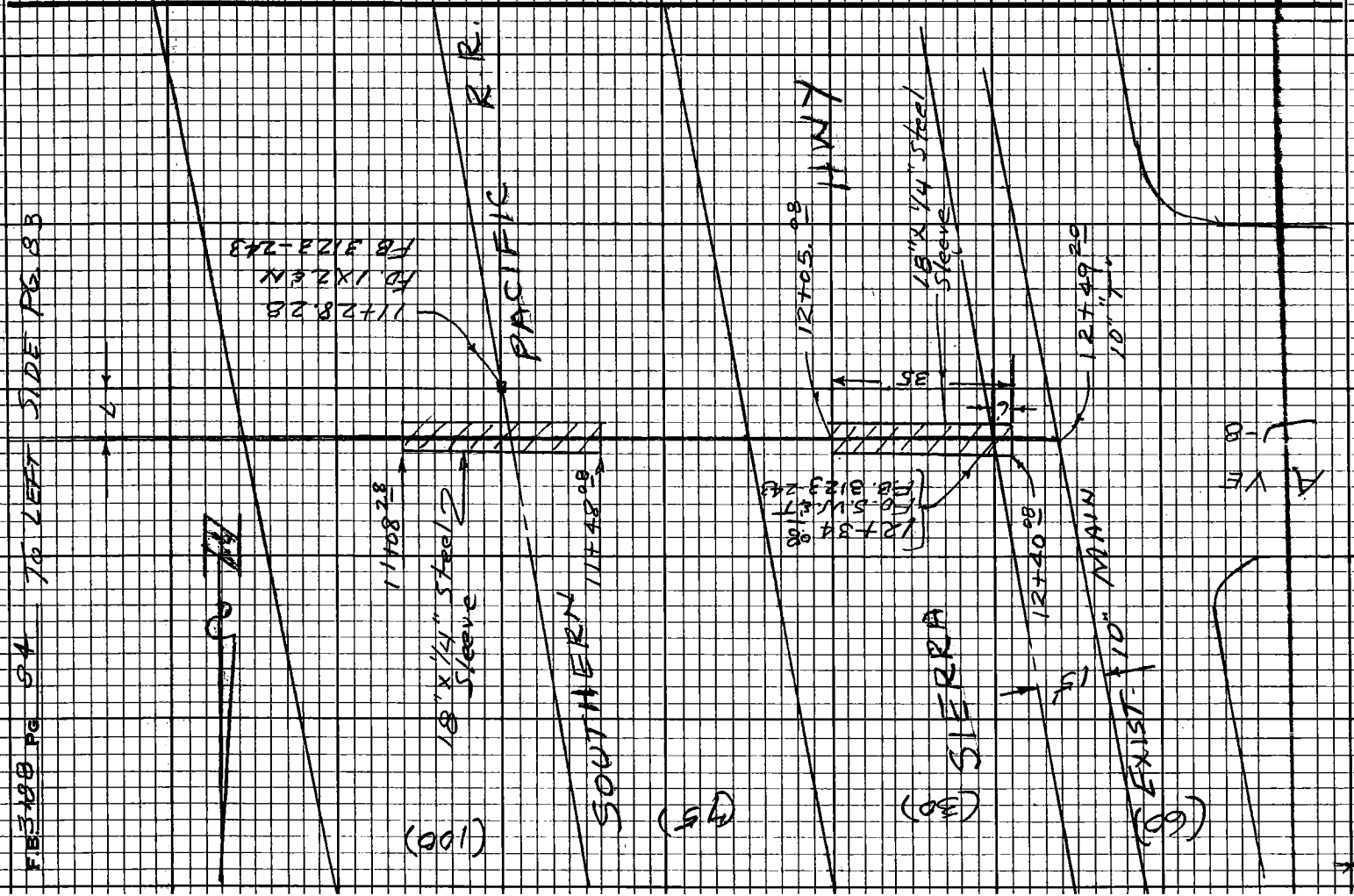

Profile No.	Notes Red	Plotted	Job No. 5042.15	Division No.	F.B. 3188	PG. 85
	Date	Date	Survey of W. W. DIST. #4 – AVE J-8			
X-Sec. No.	Notes Chk'd.	Checked	Survey by JSC	Notes JSC	Date 12/16/69	
	Date	Date	Map No.	Indexed	Date	

J.N. 5042.15

WATERWORKS DIST #4

AVE J-8 & YUCCA ST.

WATERMAIN

SPEC. # W.W. 4-313 OF 1969

Set Spk & Tin 6' S. & pipe on AVE J-8

" " " 6' W. " " on Yucca ST.

COATES
VAN NESS
ADAMS
BITTEL

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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F.B. 3188 PG. 86 | Job No. 5042.15 | Division No. | Notes Red | Notes Chk'd. | Plotted | Checked | Profile No. | X-Sec. No.

Survey of W/W DIST. #4 | Date | Date | Date | Date | Date | Date

Survey by JSC | Notes JSC | Indexed

STATION	B. S.	H. I.	F. S.	ELEV.	% Pipe Invert Grade	CUT	
BMNC 1217				2399.28	BMNC 1217 Elev. 2399.278 FB. 3123-255		
					Division St. & Ave J-8 1/4 Cor Sec. 22 & 23		
	Top Exist. 7.22						
	Bot. " -1.00			2396.22	C.S. Mon in H.H.		
0+66	Wet tap			2400.91	2395.70		Set Stk & Tin 6' S. of pipe
1+00				2400.71	94.22	6.49	
~~1+32.50~~							
~~1+52.5~~	45° Elbow			2399.81	2392.80	7.01	
~~1+60~~ 49.00	" "			2400.63	93.06 2.96	7.67	
2+00				2399.48	93.70 .45	6.03	
3+00				2399.41	2394.90 .40	5.01	
4+00				2398.74	94.47 .04	4.70	
5+00				2398.66	94.04 3.48	4.98	
6+00				2398.06	93.61 .37	4.74	
7+00				2399.40	93.18 2.96	6.44	
7+52.23	45° Elbow			2398.89	92.96 .77	6.12	
7+54.23	" "			2397.49	92.95 .76	4.73	
7+68.23	12"X10" Cross			2397.46	92.89 .72	4.74	
8+00				2397.29	92.75 2.60	4.69	
9+00				2396.95	92.32 .25	4.70	
10+00				2396.88	2391.90	4.98	
10+25				96.34	2390.30	6.04	
10+98.28				96.93	2391.50	5.43	

+4.362 ; 1.258 ; 0.439

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	%	Pipe invert Grade	CUT.	
11+08 28	E. end 18" Sleeve			2396.55		2391.50	5.05	Set STKETin 6' S. & pipe
11+48 28	W. " " "			97.55		"	6.05	
11+58 28				98.04		"	6.54	
11+95 08				97.76		"	6.26	
12+05 08	E. end 18" Sleeve			97.42		"	5.92	
12+40 00	W " " "			98.29		"	6.79	
12+50				98.10		2391.50	6.60	
BM NC 1218								BM NC 1218 Elev. 2397.557 FB 3123-25 Sierra Hwy & AVE J-8 N.W. Cor R.D. B.M. nail 1' W. of W. end CR
	YUCCA			AVE				
1+06 94 B	12"X10" Cross					2392.72 89		
1+20 44 B	10" G.V. (4 pt.)			2397.61		92.11	5.5	Set SGT 6' W. & pipe
1+70 00	"T" to F.H.			96.47		91.73	4.74	" "
"	P/L @ F.H.			96.37		2397.17	F 0.80	" "
2+00				96.58		91.51	5.07	" "
3+00				95.26		90.76	4.5	" "
3+23±	S. end EXISTING 10" main			95.60		91.10	4.5	
BM NC 1216								BM NC 1216 Elev. 2394.979 FB 3123-25K Yucca Ave (E. side) 867' S. of AVE J-5 B.S. in Curb.

Profile Notes Red ____ Plotted ____ Job No. 5042.15 Division No. W.W. DIST. #4 F.B. 3188 P.B. 87
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by JSC Notes JSC Date 12/16/69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Notes Ck'd by A.F. DARR	Survey of W.W. DIST #4
Map No.	JN 504277 Tape 136 Sub 84-F
Office Work	Surveyed by JS COATES
Checked	Notes JS C Date 3/2/70
Date MAR 2 '70	Indexed C.J. GALLI FEB 5 '70

F.B. 3188 Pg 89

J.N. 504277

WATERWORKS DIST. #4

SIERRA MUTUAL WATER

AT

DIVISION ST. & AVE'S. L-8, L-9

COATES
VAN NESS
ADAMS
BITTEL

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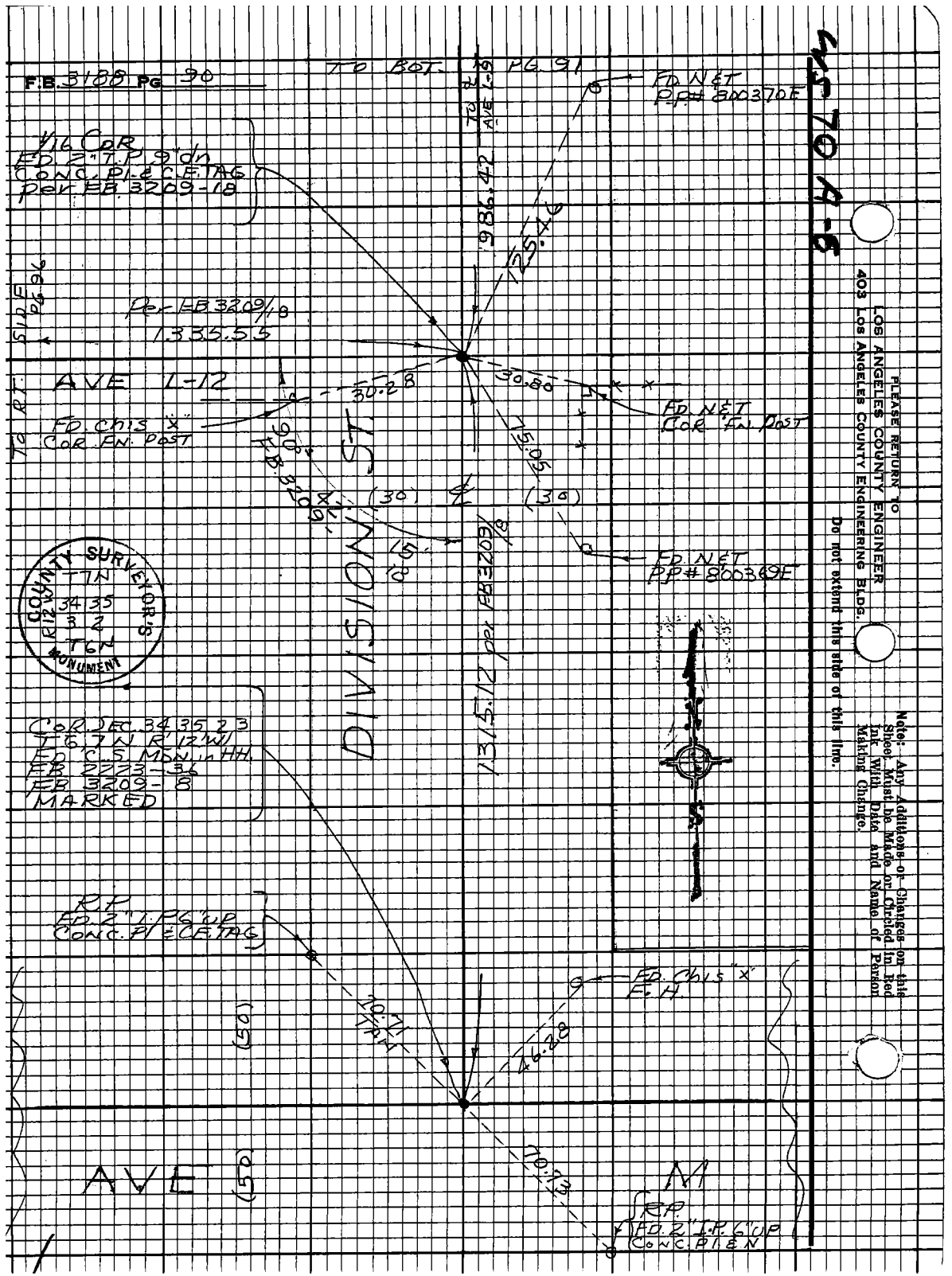

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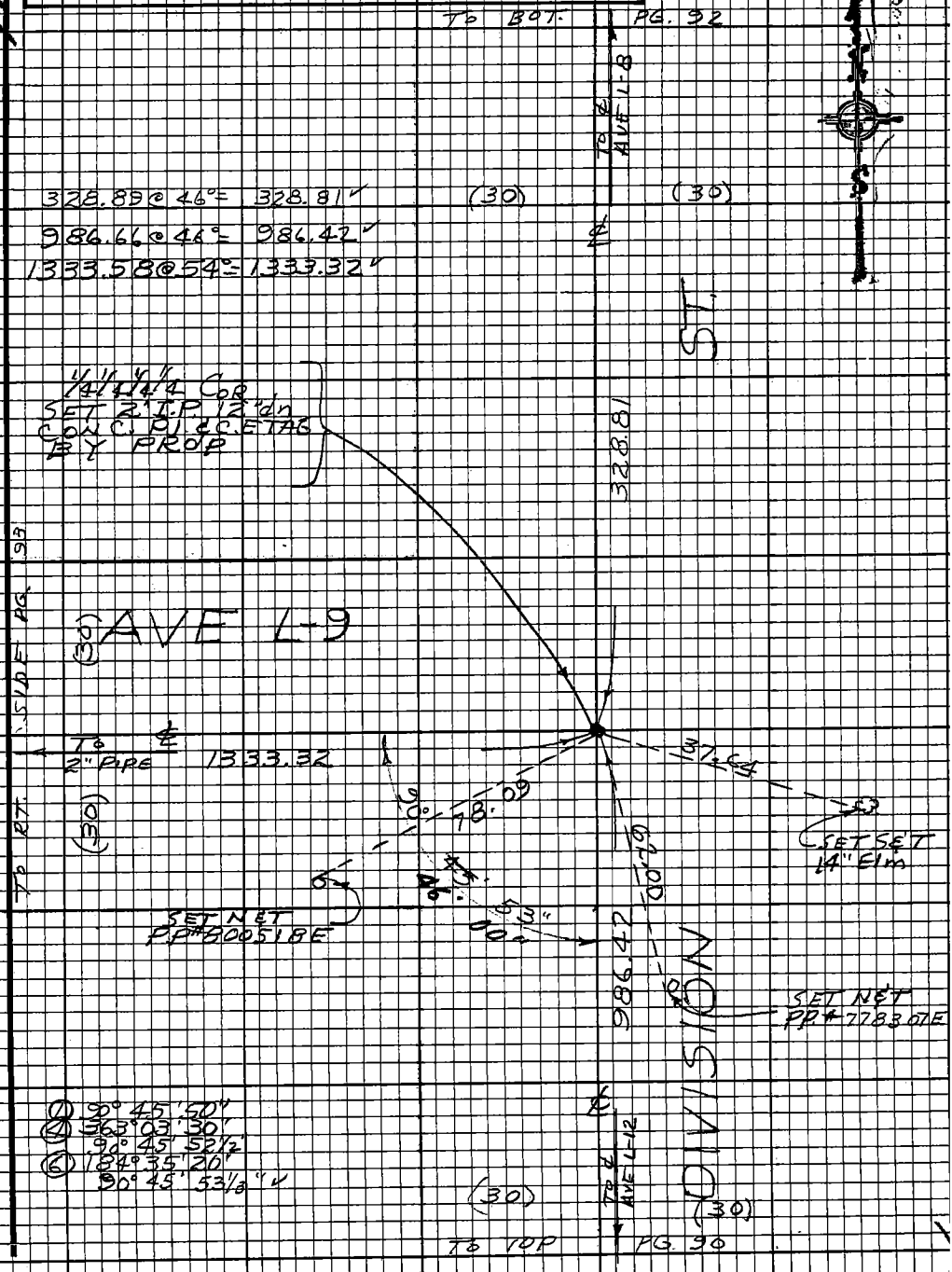
Notes Ck'd by A. E. DART	Survey of WW DIST #4
Map No.	JN 5042-77 Tape 136 Std 84 °F
Office Work	Surveyed by JSC
Checked	Notes JSC Date 2/2/70
Date MAR 2 70	Indexed G. J. GALLI

F.B. 3188 PG 91

WS 70, A-6



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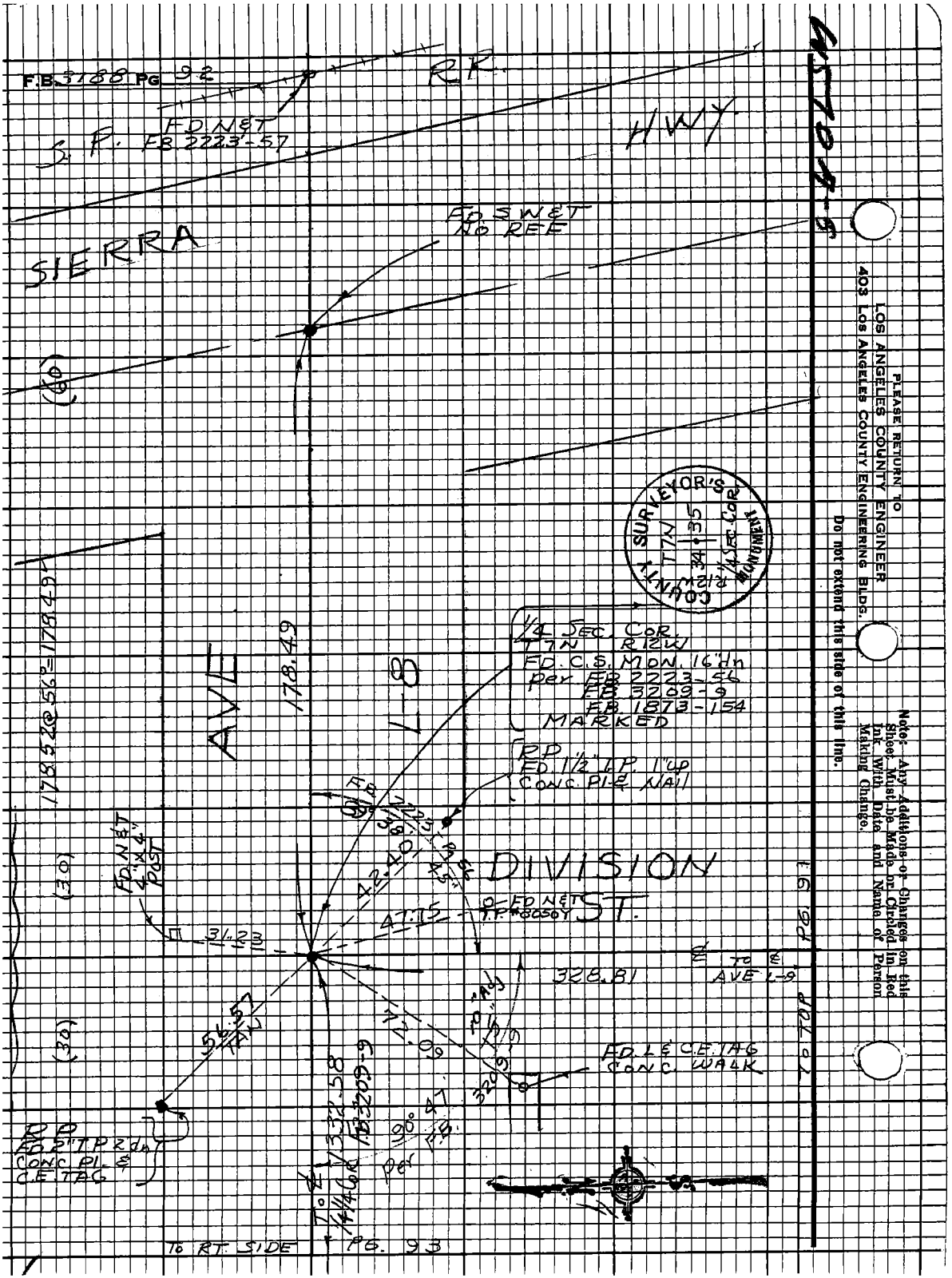
F.B. 3188 PG 92
RR
S.P.
FD NET
FB 2223-57
HWY
SIERRA
FD SWET
NO REF
(60)
COUNTY SURVEYOR'S
T7N
R12W
34
35
1/4 SEC. COR.
MONUMENT
1/4 SEC. COR.
T7N R12W
FD. C.S. MON. 16" dn
per FB 2223-56
FB 3209-9
FB 1873-154
MARKED
RP
FD 1 1/2" I.P. 1" up
CONC. PI & NAIL
178.52 @ 56° = 178.49
178.49
AVE
L-8
FB 2223
38'
42.40
45'
PA 56
DIVISION
ST.
FD NET
T.P. #8050Y
47.75
FD NET
4" x 4"
POST
31.23
(30)
(30)
328.81
℄ TO ℄
AVE L-9
TO TOP
PG. 91
56.57
TAN
42.09
FD. L & C.E. TAG
CONC. WALK
RP
FD 2" T.P. 2 dn
CONC. PI. &
C.E. TAG
1332.58
FB 3209-9
90° 47
per F.B.
TO ℄
1/4 1/4 COR
TO RT. SIDE
PG. 93
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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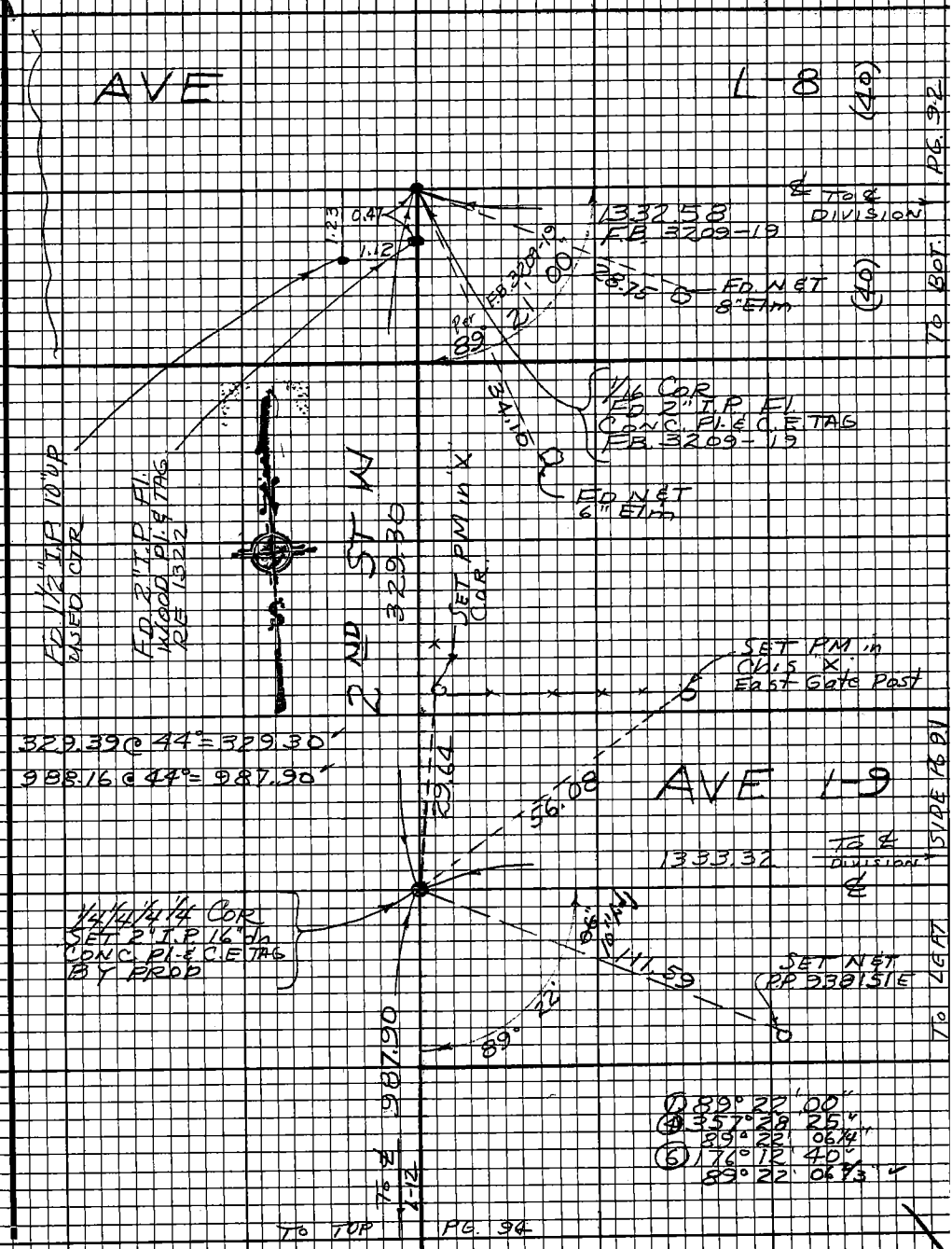
Notes Ck'd by A. E. DART	Survey of W. W. DIST. #4	F.B. 3188	PG. 93
Map No.	JN 5042 77 Tape 136 Std 84 °F		
Office Work	Surveyed by J S COATES		
Checked	Notes JSC Date 2/2/70		
Date MAR 2 70	Indexed C. J. GALLI		

W.S. 70, 8-6



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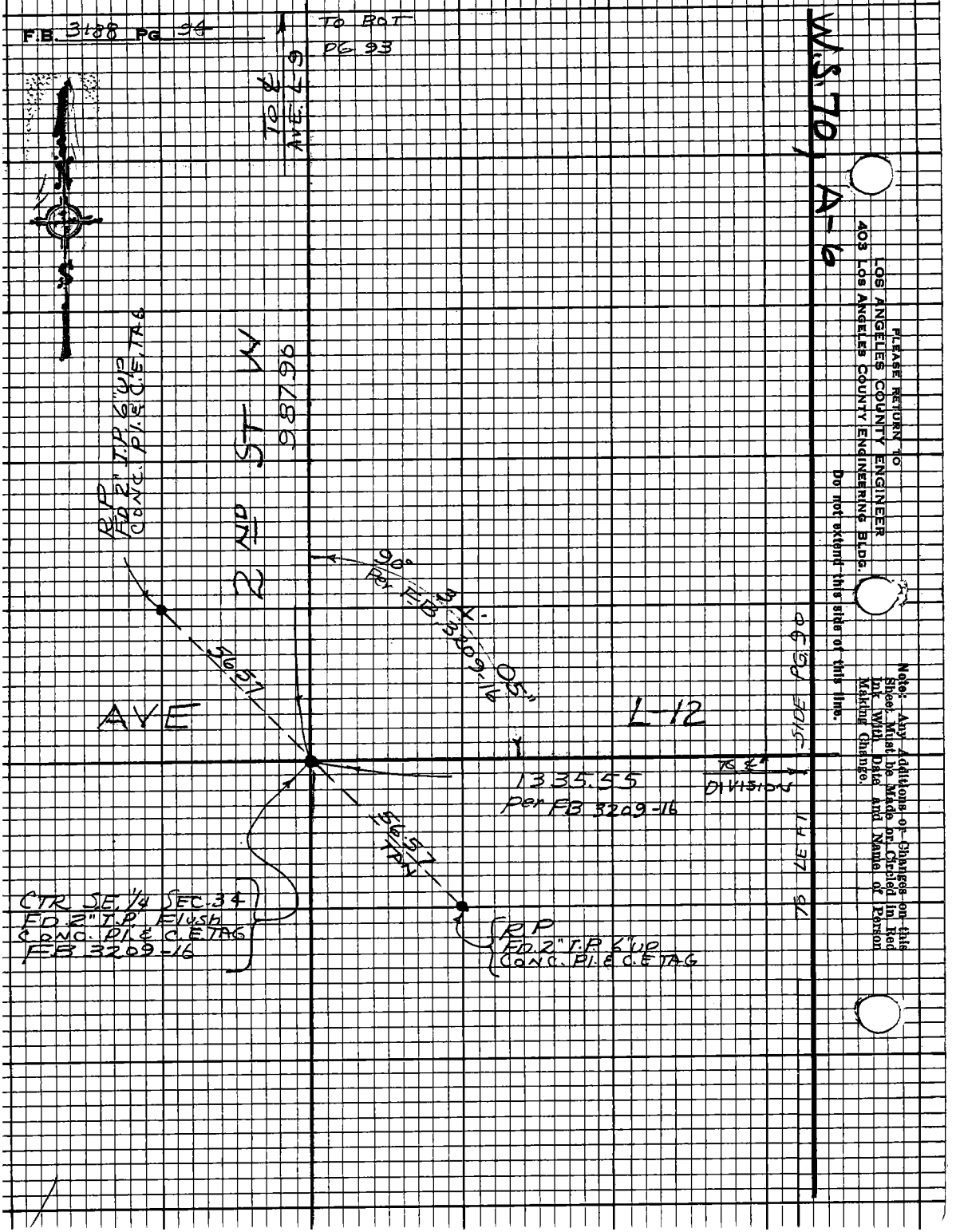
76F3098 CE#310 9-67

F.B. 3188 PG. 94



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Notes Ck'd by	Survey of W.W. DIST. # 4
Map No.	JN 5042.77 Tape 136 Std 84 F
Office Work	Surveyed by J S COATES
Checked	Notes JSC Date 2/2/70
Date	Indexed C. J. GALLI FEB 5 '70

F.B. 3188 PG. 95

J.N. 5042.77

WATER WORKS DIST. # 4

SIERRA MUTUAL WATER COMPANY

LOCATION OF EXISTING WATERMAIN
ON
DIVISION ST.
FROM
AVE M TO AVE L-8

COATES
VANNESS
ADAMS
BITTEL

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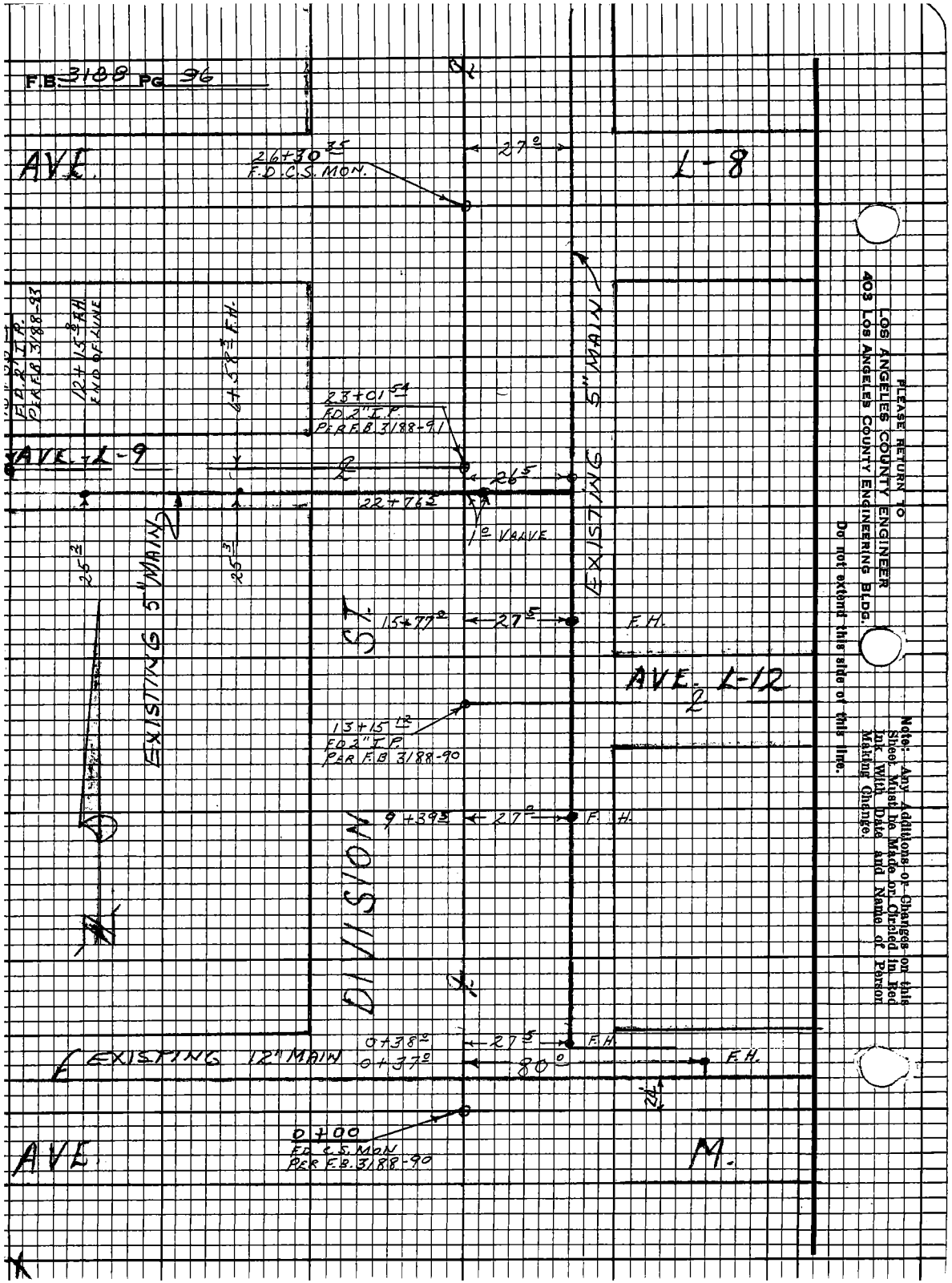
75F3098 CE#310 9-67


F.B. 3188 PG 96
AVE.
26+30 35
F.D.C.S. MON.
27°
L-8
F.D. 2" I.P.
PER F.B. 3188-93
12+15 8 F.H.
END OF LINE
6+58 3 F.H.
23+01 54
F.D. 2" I.P.
PER F.B. 3188-91
AVE. L-9
26 5
22+76 5
1° VALVE
25 2
25 3
EXISTING 5" MAIN
EXISTING 5" MAIN
ST.
15+77 0
27 5
F.H.
AVE. L-12
13+15 12
F.D. 2" I.P.
PER F.B. 3188-90
9+39 5
27°
F.H.
DIVISION
0+38 0
27 5
F.H.
EXISTING 12" MAIN
0+37 0
80°
F.H.
0+00
F.D. C.S. MON
PER F.B. 3188-90
AVE.
M.
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Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5042.62 Division No. ____ Survey of W.W. DIST. #4 - AVE. L

F.B. 3100 PG. 77

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by MENDONCA Notes J.M. Date 2-20-70

Map No. ____ Indexed C.J. GALLI Date MAR 2 '70

J.N. 5042.62

WATERWORKS DISTRICT #4

LOCATION OF IMPROVEMENTS
AND
CROSS-SECTIONS
ON
AVE. L

FROM: 2ND ST. E.
TO: 10TH ST. E.

STATIONING: 8+99.95 = ℄ INT. @ 2ND ST. E. PER F.B. 3137-87

FOR ADDITIONAL LOCATION OF IMPROVEMENTS
SEE F.B. 3221-115

USED F.B. 2223 FOR ℄ DISTANCES

ELEV.

F.S.

MENDONCA
ALBRIGHT
RIECKHOFF
RITTER

H.I.

B.S.

STATION

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76-L-298 CE 307 2-63

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4.61
8.07
3.12
7.24

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STATION	B.S.	H.I.	F.S.	ELEV.	
FD. B.M. #101-123				2497 82	(U811 1947) B.M. #101-123 1968 ADJ. ELEV. = 2497.819 F.B. 2410-38 3.2 MI. S. ALONG THE SO. PAC. CO. R.R. FROM THE STA. AT LANCASTER, 0.45 MI. S. OF MILE POLE 408, 2 1/4 RAILS S.W. OF SEMAPHORES 4085 AND 4086, 60.1 FT. E. OF THE ℄ OF U.S. HWY 6, 41.9 FT. W. OF THE W. RAIL, 2 FT. W. OF A TEL. POLE, 1.4 FT. E. OF A WITNESS POST, ABOUT 1 1/2 FT. LOWER THAN THE TRACK, AND SET IN THE TOP OF A CONC. POST PROJECTING 0.2 FT. ABOVE THE GROUND.
FD. B.M. #101-124	(B 57 1926 RESET 1955)			2486 60 ~~2486 61~~	B.M. #101-124 1968 ADJ. ELEV. = 2486.604 F.B. 2410-38 3.0 MI. S. ALONG THE SO. PAC. CO. R.R. FROM THE STA. AT LANCASTER, 0.35 MI. S. OF MILE POLE 408, E. OF AND ACROSS THE HWY. FROM DAVIS AND SON TRAILER SALES, 60.7 FT. E. OF THE ℄ OF U.S. HWY 6, 41.6 FT. W. OF THE W. RAIL, 4 FT. S.W. OF A TEL. POLE WITH A GUY WIRE AND SUPPORTING A PHONE BOX, ABOUT 4 FT. LOWER THAN THE TRACK, AND SET IN THE TOP OF A CONC. POST PROJECTING 0.3 FT. ABOVE THE GROUND.
FD. B.M. # L-2E				2476 17	BM # L-2E EL. = F.B. 3137-93 AT AVE. L & 2ND ST. E., 57' W. & 34' N. OF ℄ INT. A BT. SPK. IN SO. SIDE OF P.P. #8256.49E
SET B.M. # L-2E-A				2474 21	B.M. # L-2E-A EL. = F.B. 3188-98 AT ℄ INT. OF AVE. L & 2ND ST. E., A 6" CONC MON., 12" DN. WITH TAG R.E. 4880
8 + 99 95				74 8	℄ (GROUND)
				2474 6	20° ' L

F.B. 3188 PG. 98
Job No. 5042.62 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 - AVE. L Date Date No. X-Sec.
Survey by MENDONCA Notes J.M. Notes Chkd. Checked
Indexed C.L. GALLI Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	
8+99.95				24747	40° 'L.
9+50				747	℄
				746	17° 'N. EDGE DIRT RD.
				747	20° 'L.
				746	40° 'L.
10+00				747	℄
				745	17° 'N. EDGE DIRT RD.
				747	20° 'L.
				745	40° L
10+43.5				—	34° L TO POWER POLE
10+50				748	℄
				747	17° 'N. EDGE DIRT RD.
				748	20° 'L
				747	40° L
11+00				750	℄
				748	17° 'N. EDGE DIRT RD
				751	20° L
				751	40° L
11+50				751	℄
				749	17° 'N EDGE DIRT RD
				24751	20° 'L

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3042.62 Division No. ____ P.B. 3.08 Pg. 99
Date ____ Date ____ Survey of W.W. DIST. #4 - AVE L
X.Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 2-20-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date Map 2-70

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F.B. 3188 PG. 100

Job No. 5042.62 Division No. Notes Red. Plotted Profile
Survey of W.W. DIST. #4 - AVE. L Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chkd. Checked X-Sec.
Indexed P. GALLI Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	
11+50				2475.2	40' L
12+00				749	℄
				748	15' N. EDGE DIRT RD.
				752	20' L
				752	40' L
12+22 ℄				—	15' L TO BEG. 15' DIRT RD RUNNING N 45° W
12+38 ℄				—	33½' L TO P.A.
12+50				747	℄
				744	15' N. EDGE DIRT RD.
				747	20' L
				749	40' L
13+00				744	℄
				742	15' N. EDGE DIRT RD.
				749	20' L
				748	40' L
13+50				742	℄
				743	16' N. EDGE DIRT RD.
				746	20' L
				748	40' L
13+80 ⅝				—	33½' L TO P.A.
14+00				2474.1	℄

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STATION	B. S.	H. I.	F. S.	ELEV.	
14+00				2474.3	16° N. EDGE DIRT RD.
				745	20° L
				744	40° L
14+50				742	℄
				742	15° N EDGE DIRT RD.
				744	20° L
				748	40° L
15+00				743	℄
				741	15° N EDGE DIRT RD
				741	20° L
				748	40° L
15+16.5				—	33.1' L TO P.F.
15+50				736	℄
				738	15° N EDGE DIRT RD
				737	20° L
				737	40° L
15+56.0				736	℄ WEST EDGE SEMI-WASH
				735	20° L RUNNING NORTH & SOUTH
				734	40° L
15+72.22				733	℄ (GROUND) (SEMI-WASH)
				2472.8	20° L " "

Profile Notes Red ____ Plotted ____ Job No. 5042.62 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4 - AVE L
X-Sec. Notes Chkd. ____ Checked ____ Survey by MENDONCA Notes ALBRIGHT Date 2-20-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date MAR 27

F.B. 5188 PG. 101

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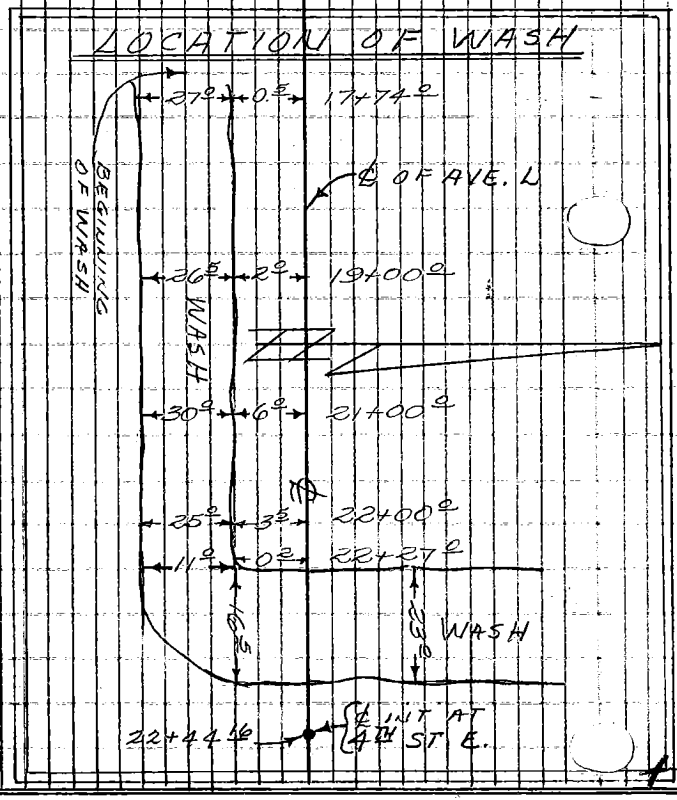
STATION	B. S.	H. I.	F. S.	ELEV.	
15+72.22				247.26	40.5' L (SEMI-WASH)
SET BM# L-3E				247.29	BM# L-3E ELEV. = F.B. 3188-102 AT ℄ OF AVE. L & 3RD ST. E., A 6" CONC. MON., 12" DN., WITH TAG R.E. 4880



F.B. 3188 PG. 102

Job No. 5042.62 Division No. Notes Red Plotted Profile

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

Survey by MENDONCA Notes ALBRIGHT Notes Chkd. Checked Date No.

Indexed C. J. GALLI Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
15+86.0				2473.8	℄	EAST EDGE SEMI-WASH RUNNING NORTH & SOUTH
				734	20.0' L	
				732	40.0' L	
16+00				736	℄	
				734	20.0' L	
				732	40.0' L	
16+15.0				745	℄ BRK.	
				747	20.0' L	
				743	40.0' L	
16+50				741	℄	
				740	20.0' L	
				741	40.0' L	
17+00				736	℄	
				732	20.0' L	
				731	40.0' L	
17+07.8				—	33.3' L TO P.P.	
17+50				734	℄	
				726	20.0' L	
				725	40.0' L	
17+74.0				731	℄	
				2472.4	0.5 R	NO. EDGE WASH

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5042.62 Division No. ____
Date ____ Date ____ Survey of W.W. DIST. #4 - AVE. L
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MENDONCA Notes ALBRIGHT Date 2-20-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date MAR 2 70

F.B. 3188 PG. 103

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	
17+74.0				2473.0	27.5' R SO. EDGE WASH
18+00				73.2	℄
				72.1	20.0' L
				72.1	40.0' L
18+50				72.8	℄
				72.0	20.0' L
				71.8	40.0' L
19+00				72.6	℄
				72.0	20.0' L
				71.9	40.0' L
				72.6	2.0' R TOP BANK
				71.8	2.0' R BOT BANK
				72.1	28.5' R " "
				73.0	28.5' R TOP "
19+09.0				—	33.5' L TO P.P.
19+50				72.5	℄
				71.6	20.0' L
				71.7	40.0' L
19+85.0				—	5.0' R BEG. 10' DIRT RD. RUNNING NORTHLY
20+00				72.1	℄
				2471.5	20.0' L

F.B. 3188 PG. 104 Job No. 5042.62 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. #4 - AVE. L Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
20+00				24713	40° L	
20+48.0				—	33.8' L TO P.P.	
20+50				724	℄ INT	
				715	20° L	
				713	40° L	
21+00				724	℄ INT	
				716	20° L	
				720	40° L	
				724	6° R TOP BANK	
				705	6° R BOT "	
				702	36° R BOT BANK	
				718	36° R TOP "	
21+50				720	℄ INT	
				716	20° L	
				718	40° L	
21+87.7				—	34.2' L TO P.P.	
22+00				723	℄ INT	
				718	20° L	
				717	40° L	
				723	3.5' R TOP BANK	
				24695	3.5' R	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5042.62 Division No. ____ F.B. 3188 Pg. 105
Date ____ Date ____ Survey of W.W. DIST #4 - RUE L
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MENDONCA Notes OLBRIGHT Date 2-20-70
Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date MAR 2 70

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STATION	B.S.	H.I.	F.S.	ELEV.		
22+00				24699	28.5' R BOT BANK	
				716	28.5' R TOP "	
22+27.0				719	℄ TOP BANK	
				719	20.0' L TOP BANK	(WEST EDGE WASH)
				689	20.0 L BOT "	" " "
				715	40.0 L TOP "	" " "
				686	40.0 L BOT "	" " "
				691	0.2 R BOT "	
				700	11.2' R BOT "	
				717	11.2' R TOP "	
22+43.5				693	℄ BOT "	(EAST EDGE WASH)
22+43.5				720	℄ TOP "	" " "
				685	20.0' L BOT "	" " "
				717	20.0' L TOP "	" " "
				689	40.0' L BOT "	" " "
				719	40.0' L TOP "	" " "
22+44.16				719	℄ INT.	
SET B.M.#L-4E				247122	B.M. #L-4E ELEV. = AT ℄ OF AVE L & 4TH ST. E. A 6" CONC. MON., 12" DN., WITH TAG R.E. 4880	F.B. 3188-10
22+50.0				719	℄	
				24724	20.0' L	

F.B. 3188 PG. 106

Job No. 5042-62 Division No. Notes Red Plotted Profile

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

Survey by MENDONCA Notes ALBRIGHT Notes Chkd. Checked Date No.

Indexed C. L. GALLI Date

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STATION	B. S.	H. I.	F. S.	ELEV.	
22+50°				2472 1	40° L
23+00				72 4	℄ INT
				72 8	15° L N. EDGE OF DIRT RD
				72 7	20° L
				72 6	40° L
23+50				72 4	℄ INT
				72 7	15° L N EDGE OF DIRT RD
				73 1	20° L
				72 7	40° L
23+87.5				—	34.3' L TO P.P
24+00				72 5	℄ INT
				72 6	15° L N EDGE OF DIRT RD
				73 4	20° L
				73 2	40° L
24+50				72 2	℄ INT
				72 3	15° L N EDGE OF DIRT RD
				73 0	20° L
				72 6	40° L
25+00				71 8	℄ INT
				71 7	15° L N EDGE OF DIRT RD
				2472 0	20° L

Profile Notes Red ____ Plotted ____ Job No. 5042.62 Division No. ____ P.B. 3180 PG. 101
No. ____ Date ____ Date ____ Survey of W.W. DIST #4 - AVE L
X-Sec. Notes Chkd. ____ Checked ____ Survey by MENDONCA Notes ALBRIGHT Date 2-24-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date MAR 2 70

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F.B. 3188 PG. 108 | Job No. 5042.02 | Division No. | Notes Red | Plotted | Profile No.

Survey of W.W. DIST #4 - AVE L | Date | Date | X-Sec. No.

Survey by MENDONCA | Notes ALBEIGHT | Notes Chkd. | Checked | Date

Indexed [redacted] GALLI | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	
25+00				2471.9	40' L
25+50				71.4	℄ INT
				71.4	15' L N. EDGE OF DIRT RD
				72.0	20' L
				71.5	40' L
25+80.3				—	34.3' L TO P.P.
26+00				71.1	℄ INT
				71.1	15' L N. EDGE OF DIRT RD
				71.4	20' L
				71.4	40' L
26+50				70.7	℄ INT.
				70.7	15' L N. EDGE OF DIRT RD.
				71.0	20' L
				71.2	40' L
27+00				70.2	℄ INT
				70.3	15' L N. EDGE OF DIRT RD
				70.6	20' L
				70.9	40' L
27+06.5				—	34.3' L TO P.P.
27+50				70.0	℄ INT.
				2470.0	15' L N. EDGE OF DIRT RD.

76-L-298 CE 307 2-63

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Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by [illegible] Survey of W W DIST #4 AVE L Map No. ____ Indexed [illegible] Noted [illegible] Date 2-24-70 Date MAR 27

STATION	B. S.	H. I.	F. S.	ELEV.	
27+50				2470 2	20° L
				703	40° L
28+00				697	℄ INT
				697	15° L N EDGE OF DIRT RD
				699	30° L
				701	40° L
28+30 E				——	33° L TO P.P.
28+50				695	℄ INT
				694	15° L N. EDGE OF DIRT RD
				696	20° L
				698	40° L
28+55 E				——	33° L TO GUY WIRE
29+00				689	℄ INT
				689	15° L. N. EDGE OF DIRT RD.
				695	30° L
				703	40° L
SET B.M. #L-5E				2467 79	B.M. #L-5E ELEV= F.B. 3186-109 AT ℄ OF AVE L & 5TH ST. E 1/4 COR CONC. C.S. MON, 12' DN.
29+16 94				689	℄ INT
				688	15° L N. EDGE OF DIRT RD.
				2468 8	20° L

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STATION	B.S.	H.I.	F.S.	ELEV.	
29+16 94				24692	40° L
29+46 1				—	40° L TO P.P.
29+50				683	℄ INT
				689	20° L N. EDGE OF DIRT RD
				691	40° L
30+00				685	℄ INT
				688	20° L N. EDGE OF DIRT RD.
				690	40° L
30+08 4				—	34 5 L TO P.P.
30+50				684	℄ INT
				682	15° L N EDGE OF DIRT RD.
				683	20° L
				687	40° L
31+00				682	℄ INT
				681	15° L N EDGE OF DIRT RD
				679	20° L
				677	23° L BOT OF DRAIN
				686	40° L TOP OF BANK
31+50				682	℄ INT
				679	15° L
				24676	20° L

F.B. 3188 PG. 110

Job No. 3042.62 Division No. Notes Red Plotted Profile

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

Survey by MENDONCA Notes ALBRIGHT Notes Chkd. Checked

Indexed G.G. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	
31+50				24667	25°' L BOT OF DRAIN
				688	40°' L TOP OF BANK
32+00				687	℄ INT
				674	20° L N. EDGE OF DIRT RD
				663	45° L BOT OF DRAIN
				684	60°' L TOP OF BANK
32+30°				—	20°' L BEG OF 20' DIRT RD RUNNING NORTH
32+50				684	℄ INT.
				679	5°' L S. EDGE OF DIRT RD.
				680	20° L N. " " " "
				671	30°' L BOT OF DRAIN
				683	40°' L TOP OF BANK
32+52.5				—	1°' R TO 3' HOG WIRE FENCE COR (RUNNING SOUTH & EAST)
32+52.5				—	1°' R BEG OF ROW OF ELM TREES RUNNING EAST
33+90°				—	33.4' L TO P.P.
33+00				691	℄ INT
				680	5°' L S EDGE OF DIRT RD.
				677	20°' L N. " " " "
				686	25° L TOP OF BANK
				683	40°' L
33+50				24691	℄ INT

Profile No. X-Sec. Notes Red Date Plotted Date Job No. 5042.62 Division No. Survey of W.W. DIST. #4 AVE L

Notes Chkd. Date Checked Date Survey by MENDONCA Notes ALBRIGHT Date 2-24-70

Map No. Indexed G. L. GALLI Date MAR 2 '70

F.B. 3.88 PG.

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	
33+50				24679	5°'L S EDGE OF DIRT RD
				677	20°'L
				678	23°'L N. EDGE OF DIRT RD
				685	26°'L TOP OF BANK
				682	40°'L
34+00				685	℄ INT
				676	8°L S EDGE OF DIRT RD
				673	20°'L
				676	25°'L N EDGE OF DIRT RD
				682	30°'L TOP OF BANK
				680	40°'L
34+50				677	℄ INT
				670	9°'L S. EDGE OF DIRT RD.
				668	20°'L
				672	28°'L N. EDGE OF DIRT RD
				676	33°'L TOP OF BANK
				674	40°'L
35+00				672	℄ INT
				665	11°'L S. EDGE OF DIRT RD
				665	20°'L
				24666	28°'L N. EDGE OF DIRT RD

F.B. 3188 PG. 112 Job No. 5042.62 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 AVE L Date Date No. X-Sec.
Survey by MENDONCA Notes ALBRIGHT Notes Chkd. Checked
Indexed C.L. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	
35+00				24673	34°' L TOP OF BANK
				668	40°' L
35+50				669	℄ INT
				662	10°' L S. EDGE OF DIRT RD
				662	20°' L
				664	30°' L N EDGE OF DIRT RD
				669	35°' L TOP OF BANK
				664	40°' L
35+58 5				—	1°' R TO 3' HOG WIRE FENCE COR (RUNNING SOUTH & WEST)
35+58 5				—	1°' R END OF ROW OF ELM TREES RUNNING WEST
35+87 0				—	8°' L BEG OF 25' DIRT RD. RUNNING SOUTH
35+88 74				665	℄ INT
				663	20°' L
				663	30°' L N. EDGE OF DIRT RD
				662	40°' L
B.M.#L-6E				246596	B.M.#L-6E ELEV= F.B. 3188-113 AT ℄ OF AVE L & 6TH ST. E. A 6" CONC. MON., 6" DN., WITH TAG R.E. 4880
36+00				664	℄
				665	20°' L
				664	35°' L N. EDGE OF DIRT RD
				24665	40°' L

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 5042.62 Division No. Survey of W.W. DIST #4 - AVE L Survey by MENDONCA Notes ALBRIGHT Date 2-24-70 Map No. Indexed C. J. GALLI Date MAR 2 '70

F.B. 3188 PG.

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STATION	B. S.	H. I.	F. S.	ELEV.	
36+06.0				—	53.4' L TO GUY POLE
36+31.5				—	34.6' L TO P.P.
36+50				24668	℄ INT
				664	10.0' L S EDGE OF DIRT RD
				661	20.0' L
				663	30.0' L N EDGE OF DIRT RD
				664	50.0' L
37+00				666	℄ INT.
				663	10.0' L S EDGE OF DIRT RD
				663	20.0' L
				663	30.0' L N EDGE OF DIRT RD
				669	40.0' L
37+50				665	℄ INT
				663	10.0' L S EDGE OF DIRT RD
				662	20.0' L
				665	30.0' L N EDGE OF DIRT RD
				673	40.0' L
38+00				668	℄ INT
				662	5.0' L S EDGE OF DIRT RD.
				662	20.0' L
				24662	25.0' L N EDGE OF DIRT RD.

F. B. 3188 PG. 114 Job No. 5042.62 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #4 AVE L Date Date No. X-Sec.
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STATION	B. S.	H. I.	F. S.	ELEV.	
38+00				24659	40°'L
38+50				670	℄ INT
				665	5°'L S. EDGE OF DIRT RD
				661	20°'L
				664	25°'L N. EDGE OF DIRT RD.
				667	40°'L
39+00				673	℄ INT
				667	5°'L S. EDGE OF DIRT RD
				668	20°'L
				669	25°'L N EDGE OF DIRT RD.
				661	30°'L BOT OF DRAIN
				672	40°'L TOP OF BANK
39+25°				—	25° L TO 20' DIRT RD RUNNING NORTH
39+50				673	℄ INT
				670	4°'L S EDGE OF DIRT RD
				671	20°'L
				672	25°'L N EDGE OF DIRT RD
				667	35°'L BOT OF DRAIN
				679	40° L TOP OF BANK
39+63				—	34°'L TO P.P.
40+00				24676	℄

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
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STATION	B. S.	H. I.	F. S.	ELEV.	
40+00				24670	4°'L S EDGE OF DIRT RD.
				671	20°'L
				671	25°'L N EDGE OF DIRT RD
				678	30°'L TOP OF BANK
				677	40°'L
40+50				674	℄ INT
				670	4°'L S EDGE OF DIRT RD
				670	20°'L
				670	25°'L N EDGE OF DIRT RD.
				676	30°'L TOP OF BANK
				673	40°'L
41+00				676	℄ INT
				669	3°'L S EDGE OF DIRT RD.
				669	20°'L
				670	24°'L N EDGE OF DIRT RD.
				673	30°'L TOP OF BANK
				673	40°'L
41+50				672	℄
				669	4°'L S EDGE OF DIRT RD
				670	20°'L
				24671	30°'L N EDGE OF DIRT RD.

F. B. 3188 PG. 116 Job No. 5042.62 Division No. Notes Red Plotted Profile
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Indexed C. J. GALLI Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
41+50				24673	33°' L TOP OF BANK	
				677	40°' L	
42+00				672	℄	
				667	2°' L S EDGE OF DIRT RD.	
				671	20°' L	
				672	27°' L N EDGE OF DIRT RD.	
				675	30°' L TOP OF BANK	
				674	40°' L	
42+24°				——	30°' L TO BEG 15' DIRT RD RUNNING N 35° W	
42+50				670	℄	
				671	20°' L	
				672	30°' L N EDGE OF DIRT RD.	
				674	33°' L TOP OF BANK	
				674	40°' L	
				668	5°' R	
				667	15°' R	
B.M.#L-7E				246652	B.M.# L-7E ELEV = AT ℄ OF AVE L & 7TH ST. E A 6" CONC. MON., 6" DN, WITH TAG R.E. 4880	F.B. 3188-117
42+61.5				671	℄	
				671	5°' R	
				24672	15°' R	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #4 - AVEL
X-Sec. Notes Chkd. ____ Checked ____ Survey by MENDONCA Notes ALBRIGHT Date 2-24-70
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STATION	B. S.	H. I.	F. S.	ELEV.	
42+63°				——	5°' L BET 30' DIRT RD. RUNNING SOUTH
42+85°				24669	℄
				667	5°' R BOT OF DRAIN
				678	15°' R TOP OF BANK
42+95°				——	34.7' L TO P.P.
43+00				674	℄
				668	5°' L S EDGE OF DIRT RD
				681	5°' R
				677	15°' R
43+50				675	℄
				670	5°' L S EDGE OF DIRT RD.
				674	5°' R
				673	15°' R
44+00				676	℄
				672	5°' L S EDGE OF DIRT RD.
				679	5°' R
				677	15° R
44+50				678	℄
				675	5°' L S EDGE OF DIRT RD
				683	5°' R
				24682	15°' R

F. B. 3188 PG. 118 Job No. 504262 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 - AVEL Date Date No.
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Indexed C.T. GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
45+00				24682	℄	
				677	5°' L. So. EDGE RD.	
				684	5°' R.	
				684	15°' R	
45+50				684	℄	
				680	5°' L. So. EDGE RD.	
				688	5°' R.	
				688	15°' R.	
45+97.5				—	25.5' R. TO 5' WOOD FENCE COR. RUNNING SOUTH & EAST	
46+00				686	℄	
				684	5°' L So. EDGE DIRT RD.	
				688	5°' R.	
				690	15°' R.	
46+30°				—	30° ' L. TO 10' WIDE DIRT RD. RUNNING N 45° W	
46+50				692	℄	
				688	5°' L. So EDGE RD.	
				697	5°' R	
				698	15°' R.	
47+00				697	℄.	
				692	5°' L. So. EDGE RD	
				24704	5°' R.	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
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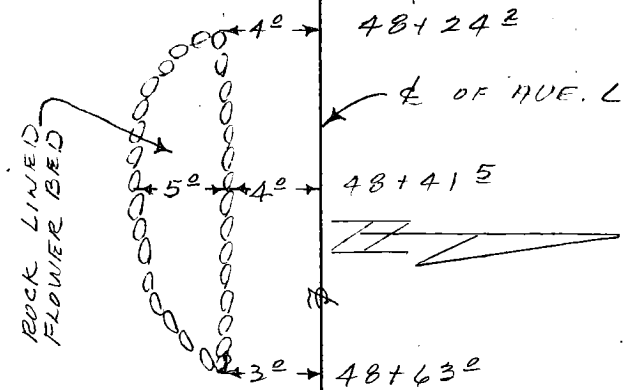
STATION	B. S.	H. I.	F. S.	ELEV.		
47+00				24707	15°' R	
47+50				697	℄	
				695	5°' L. SO. EDGE RD.	
				701	5°' R.	
				705	15°' R.	
48+00				697	℄	
				698	5°' L. SO. EDGE RD.	
				698	5°' R.	
				699	15°' R.	
						
48+50				698	℄ SO. EDGE RD.	
				702	5°' R.	
				24700	15°' R.	

F. B. 3188 PG. 120 | Job No. 5042.02 | Division No. | Notes Red | Plotted | Profile
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Indexed [illegible] | Date | Date | Date | No.

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STATION	B.S.	H.I.	F.S.	ELEV.	
49+00				246.99	℄ SO. EDGE RD.
				698	50' R.
				702	150' R.
49+06.5				—	27.7' R. TO WOOD FENCE (2.5' HIGH) COR. RUNNING SOUTH & WEST
49+33.30				701	℄ INT. (AVE. L & 8TH ST. E.) (GROUND)
				701	50' R.
				702	150' R.
SET B.M. #L-8E				246.975	B.M. #L-8E ELEV.= F.B. 3188-121 AT ℄ INT. OF AVE. L & 8TH ST. E. A 6" CONC. MON., 6" DIA., WITH TAG R.E 4880.
49+35.0				—	1.0' L EDG 25' DIRT RD. RUNNING SOUTH
49+50				702	℄
				702	50' R
				700	150' R
49+65.2				—	28.0' R TO 3' CONC. BLOCK WALL COR. RUNNING SOUTH & EAST
50+00				700	℄ (SO. EDGE DIRT RD.)
				705	50' R
				707	150' R
50+50				702	℄ (SO. EDGE DIRT RD.)
				704	50' R
				706	150' R
51+00				247.00	℄ (SO. EDGE DIRT RD)

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Notes Chkd.____ Date____ Checked____ Date____ Survey by MENDONCA Notes ALBRIGHT Date 2-24-70
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F.B. 5188 PG. 122 | Job No. 5042.02 | Division No. | Notes Red | Plotted | Profile No.
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Survey by MENDONCA Notes ALBRIGHT | Notes Chkd. | Checked
Indexed [redacted] | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
51+00				24702	5°' R	
				703	15°' R	
51+30 E				—	22°' R BEG OF 9°' WIDE CONC DRIVEWAY	RUNNING SOUTH
51+38 E				—	29°' R END OF 3' CONC. BLOCK WALL	RUNNING WEST
51+39 E				—	30°' R TO 4' HOGWIRE FENCE COR	RUNNING EAST & SOUTH
51+50				697	℄ (SO. EDGE OF DIRT RD)	
				700	5°' R	
				702	15°' R	
52+00				693	℄ (SO. EDGE OF DIRT RD)	
				701	5°' R	
				704	15°' R	
52+50				689	℄ (SO. EDGE OF DIRT RD)	
				696	5°' R	
				696	15°' R	
52+60 E				—	30°' R TO 4' HOGWIRE FENCE COR	RUNNING WEST & SOUTH
53+00				694	℄ (TOP OF BANK)	
				689	1°' L (SO. EDGE DIRT RD)	
				699	5°' R	
				700	15°' R	
53+50				708	℄ (TOP BANK)	
				24697	1°' L (SO. EDGE DIRT RD)	

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STATION	B. S.	H. I.	F. S.	ELEV.	
53+50				2471 0	5°'R
				70 8	15°'R
54+00				70 8	℄ (TOP BANK)
				69 6	1°'L (SO EDGE OF DIRT RD.)
				70 9	5°'R
				70 8	15°'R
54+50				69 2	℄
				69 3	1°'R (SO EDGE OF DIRT RD)
				70 2	2°'R (TOP BANK)
				70 4	5°'R
				70 3	15°'R
55+00				68 4	℄
				68 4	1°'R (SO. EDGE OF DIRT RD)
				69 2	3°'R (TOP OF BANK)
				69 4	5°'R
				69 1	15°'R
55+50				67 8	℄
				67 8	5°'R (SO EDGE OF DIRT RD)
				68 3	7°'R (TOP OF BANK)
				68 2	15°'R
55+72.5				2467 7	℄

Profile Notes Red ____ Plotted ____ Job No. 5042.62 Division No. ____ P.B. 3100 PG 123
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No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date MR 2-70

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STATION	B. S.	H. I.	F. S.	ELEV.	
55+72.5				2467.7	6° R (SO. EDGE OF DIRT RD)
				68.3	10° R (TOP BANK)
				68.4	15° R " "
55+76.5				67.7	℄ (DRAIN LINE OF 10TH ST. E.)
				67.6	5° R " " " " "
				67.5	15° R " " " " "
55+93.5				68.68	℄ (WEST EDGE PAVMENT OF 10TH ST. E.)
				68.80	5° R " " " " " "
				68.94	15° R " " " " " "
56+00				69.00	℄ (PAVMENT)
				69.05	5° R "
				69.15	15° R "
56+05.77				69.06	℄ " (INT OF AVE L & 10TH ST. E)
				69.08	5° R "
				69.16	15° R "
				69.73	75° R " (℄ OF 10TH ST. E.)
SET B.M.#L-10E				2467.50	B.M.#L-10E ELEV.= FB 3188 —124 AT ℄ INT. OF AVE L & 10TH ST. E. A CONC. C.S. SEC COR MON. IN H.H.
SET BM#L-10E-A				2467.63	B.M.#L-10E-A ELEV.= FB 3188-124 50' EAST & 50' NORTH OF ℄ INT OF AVE L & 10TH ST. E. A 2" I.P. WITH CONC. PLUG & C.E. TAG, 6" UP. USED SOUTH EDGE OF PIPE

F.B. 3188 PG. 124 Job No. 5042.62 Division No. Notes Red Plotted Profile
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STATION	B. S.	H. I.	F. S.	ELEV.	
FD B.M. #101-124				2486.57	B.M. #101-124 1968 ADJ. ELEV. = 2486.604 F.B. 2410-38 3.0 MI. S. ALONG THE SO. PAC. CO. R.R. FROM THE STA. AT LANCASTER, 0.35 MI. S. OF MILE POLE 408, E. OF AND ACROSS THE HWY. FROM DAVIS AND SON TRAILER SALES, 60.7 FT. E. OF THE ℄ OF U.S. HWY 6, 41.6 FT. W. OF THE W. RAIL, 4 FT. S.W. OF A TEL. POLE WITH A GUY WIRE AND SUPPORTING A PHONE BOX, ABOUT 4 FT. LOWER THAN THE TRACK, AND SET IN THE TOP OF A CONC. POST PROJECTING 0.3 FT. ABOVE THE GROUND

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5042.02 Division No. ____ P.B. 3188 P.B. 103
Date ____ Date ____ Survey of W.W. DIST. #4 - AVE L
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MENDONCA Notes ALBRIGHT Date 2-24-70
Date ____ Date ____ Map No. ____ Indexed C. T. GALLI Date MAR 2 '70

Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN 5042.58 Tape L36 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 3/17/70
Date	Indexed

FB 3188 PG 127

J.N. 5042.58

WATERWORKS DIST #4

RELOCATION OF WATERMAIN ON AVE K AT FREEWAY DRAINAGE STRUCTURE

COATES
VAN NESS
ADAMS
BITTEL

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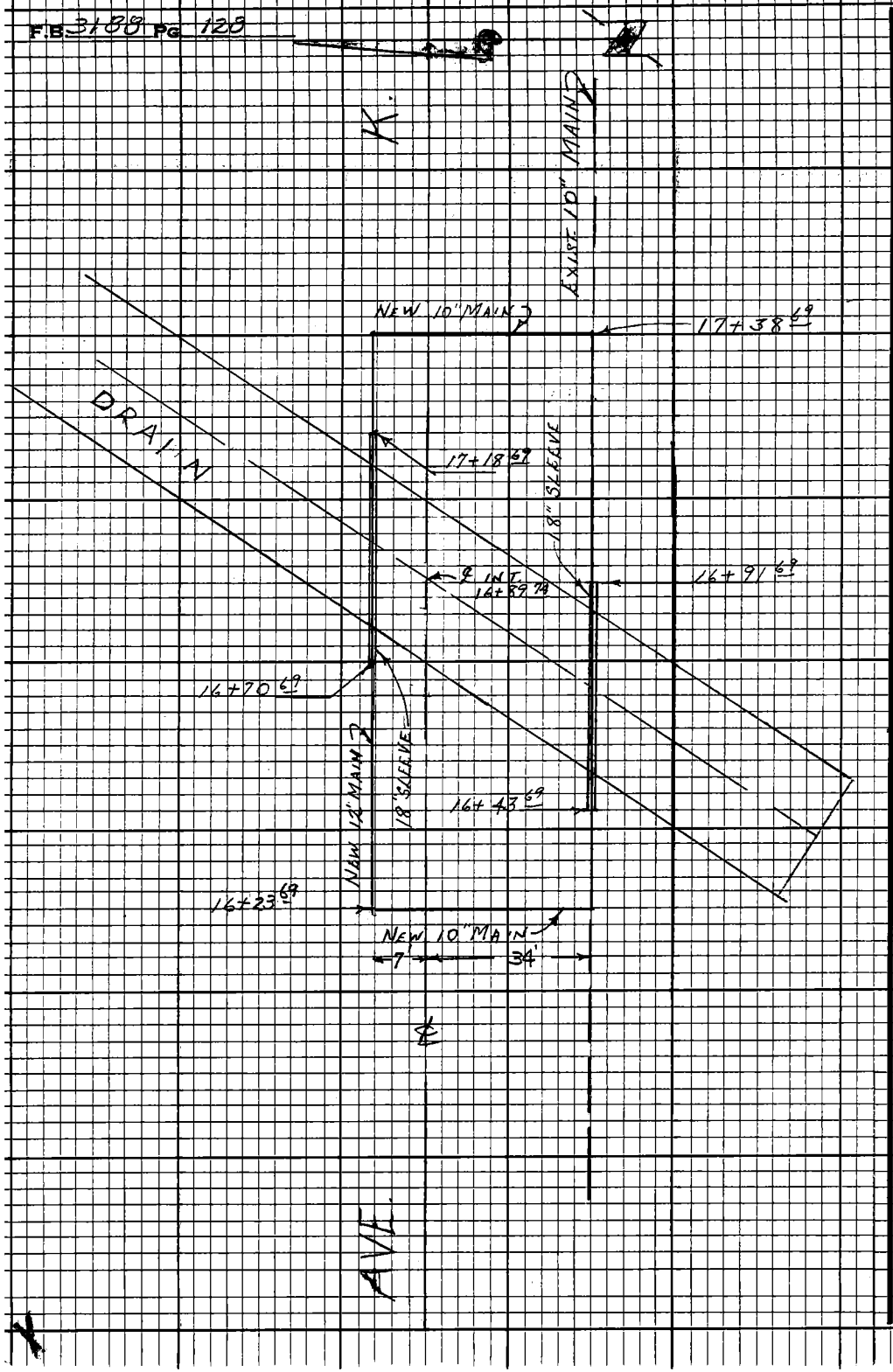
76F3098 CE#310 9-67

F.B. 3188 PG. 128



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Profile No.	Notes Red	Plotted	Job No. 5042.58	Division No.	F. B. 3188 PG. 129
	Date	Date	Survey of W.W. DIST # 4		
X-Sec. No.	Notes Chk'd.	Checked	Survey by JS COATES	Notes JSC	Date 3/17/70
	Date	Date	Map No.	Indexed	Date

J.N. 5042.58

WATERWORK DIST #4

RELOCATION
OF
WATERMAIN UNDER
FREEWAY DRAINAGE STRUCTURE

COATES
VAN HESS
ADAMS
BITTEL

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.	GRADE	CUT		
STATION 16+00 TBM				2390.16	STATION 16+00 TBM ON AVE. K		Elev. 2390.16	Per state
16+23.69	on ℄ St.			90.97	2385.40	5.57	Set Stk	10' E. of pipe
16+23.69	N. Side			90.00	2385.20	4.80	Set Spk	10' E. of "T"
"	S. Side			91.62	2385.90	5.72	"	" "
16+43.69	West end Sleeve S. Side			91.61	2380.46	11.15	Set Stk	15' N. ℄ Sleeve
"	" " "			83.84	"	3.38	" "	15' S. " "
16+70.69	West end Sleeve N. Side			83.30	2379.86	3.44	Set Stk	20' S. ℄ Sleeve
"	" " "			91.02	"	11.16	"	20' N. " "
16+91.69	East end Sleeve S. Side			83.17	2380.46	2.71	Set Stk	15' N. ℄ Sleeve
"	" " "			90.83	"	10.37	" "	15' S. " "
17+18.69	East end Sleeve N. Side			90.47	2379.86	10.61	Set Stk	20' S. ℄ Sleeve
"	" " "			88.35	"	8.49	Set "X"	20 N. " "
17+38.69	℄			90.39	2385.40	4.99	Set S&T	10' W ℄ pipe
"	S. Side			90.72	2385.90	4.82	Set Stk	10' W. "
"	N. Side			90.43	2385.20	5.23	Set Stk	10' E "
17+50 TBM				2390.63	17+50 TBM Elev. 2390.64		per state	

F. B. 3188 PG. 130 Job No. 5042.53 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. #4 Date No.
Survey by J. S. COATES Notes JSC Checked X-Sec.
Indexed Date Notes Chk'd. Date No.

Profile No.	Notes Red	Plotted	Job No. 5042.62	Division No.	F.B. 3188	PG. 131
	Date	Date	Survey of W.W. DIST. #4			
X-Sec. No.	Notes Chk'd.	Checked	Survey by JSC	Notes JSC	Date 5/11/70	
	Date	Date	Map No.	Indexed	Date	

J.N. 5042.62

WATERWORKS DIST. #4

6" WATERMAIN IN AVE. L

FROM

SIERRA HWY TO 1050'± W'ly

Spec # 407 of 1970

Set S&T 6'S. & Pipe

COATES
VANNESS
ADAMS
BITTEL

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

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76-L-296 CE 307 5-66

76-L-298 CE 307 5-66

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F.B. 3188 PG. 132
Survey of W. W. DIST. #4
Survey by JSC Notes JSC
Indexed Date
Job No. 5042.62 Division No.
Notes Red Date Notes Chk'd. Date
Plotted Date Checked Date
Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT. DITCH GRADE	CUT	
BM#L-2E				2476.17				BM L-2E Elev. 2476.17 F.B. 3137-98 AVE L & 2ND ST. E. 57' W & 34' N. of A Bt. Spk in S. Side of Hyd. #829 L-2E
TP				77.36				
0+21.50	ch.	EXIST. "T"		77.01		2472.61	4.40	
1+00		EXIST. GUTT	76.15	76.57		72.48	4.09	
2+00				76.45		72.31	4.14	
3+00				76.36		72.14	4.22	
4+00				75.99		71.97	4.02	
5+00				76.20	.167%	71.81	4.39	
6+00				76.57		71.64	4.93	
7+00				76.13		71.47	4.66	
8+00				75.93		71.31	4.62	
9+00				76.05		71.14	4.91	
10+00				75.96		70.97	4.99	
10+73.00 END		EXIST. GUTT	74.52	75.22		70.85	4.37	
T.P.				74.59				
T.P.				73.33				
T.P.				73.71				
T.P.				67.31				
B.M. NC.1291				63.27				B.M. N.C.1291 El.: 2463.313 F.B. 3188-1 5TH ST. W. 577' N. of R AVE L A.C.E. MON. @ S.E. COR. W.E. SITE #13

Profile No.	Notes Red Date	Plotted Date	Job No. 5042.62	Division No.	F.B. 3188 PG. 133
			Survey of W. W. DIST. #4		
X-Sec. No.	Notes Chk'd. Date	Checked Date	Survey by JSC	Notes JSC	Date 5/11/70
			Map No.	Indexed	Date

J.N. 5042.62

WATERWORKS DIST. #4

12" WATERMAIN IN AVE. L

FROM

2ND ST. E TO 10TH ST. E

Spec. 407 OF 1970

Set Spk & Tin 8'N & pipe

COATES
VAN NESS
ADAMS
BITTEL

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

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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT. DITCH GRADE	CUT	
BM L-2E				2476.17				BM L-2E Elev. 2476.17 FB 3137-9 AVE. L & 2ND ST E 57' W & 34' N ℄ INT; Bt. Spk. in S. Side pp. 825 40
8+99.95 E. End EXIST. 12" Main				2474.92		2470.30	4.62	Set Stk & Tin 8' N ℄ pipe
10+00				74.97		69.50	5.47	
11+00				75.41		69.50	5.91	
12+00				75.32		69.50	5.82	
12+50 ⊙				75.06		2469.50	5.56	
13+00				74.97		69.33	5.64	
14+00				74.30		2469.00	5.30	
15+00				74.09		68.20	5.89	
15+12 "T" to F.H.				74.45		68.10	6.35	
15+75				72.86		2467.60	5.26	
16+00				73.68		67.53	6.15	
17+00 ⊙				73.32		67.27	6.05	
18+00				72.32		2467.00	5.32	
19+00				71.99		66.65	5.34	
20+00				71.28		2466.30	4.98	
21+00				71.96		66.30	5.66	
21+79 "T to F.H.				71.89		2466.30	5.59	
21+91.16				72.10		2466.30	5.80	
21+94.16				72.12		2463.30	8.82	

F. B. 3188 Pg. 134 Job No. 5042.62 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by JSC Notes JSC Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT DITCH GRADE	CUT	
						2463.30		Set Stk & Tin 8' N. ℄ pipe
22+74.16				72.75		2463.30	9.45	
22+77.16				72.86		2466.30	6.56	
23+04	"T" to AIR RELEASE VALVE			72.92		66.30	6.62	
24+00				73.64		66.30	7.34	
25+00				72.59		2466.30	6.29	
26+00				72.05		65.83	6.22	
27+00				71.23		65.37	5.86	
28+00				69.28		64.90	4.38	
28+57.00	"T" to F.H.			70.11		64.71	5.40	
29+00				69.72		64.44	5.28	
BM#L-5E				2467.78	.4636 %			BM#L-5E Elev. 2467.79 F.B. 3188-109 AVE. L & 5th ST. E. ℄ INT. C.E. Mon
30+00				68.74		63.98	4.76	
31+00				67.95		63.51	4.44	
32+00				67.71		63.05	4.66	
33+00				67.96		62.59	5.37	
34+00				67.34		62.12	5.22	
35+00				66.46		61.66	4.80	
35+29.00	ctr. "T" to F.H.			66.38		61.53	4.85	
36+00				66.29	.1428	2461.20	5.09	
37+00				66.18		61.34	4.84	

Profile Notes Red ____ Plotted ____ Job No. 5042.62 Division No. ____
No. ____ Date ____ Date ____ Survey of WW DIST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by JSC Notes JSC Date 5/11/70
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3188 PG. 135

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT. DITCH GRADE	CUT	
38+00				2466.11	.1428%	2461.48	4.63	Set Stk & Tin 8' N. ℄ pipe
39+00				66.84		61.62	5.22	
39+50				66.93		2461.70	5.23	
40+00				67.07		61.70	5.37	
41+00				66.85		61.70	5.15	
42+01	ctr. "T" to F.H.			67.05		61.70	5.35	
42+61.01	℄ INT. 7th ST. E.			66.82		2461.70	5.12	
43+00				67.10		61.86	5.24	
44+00				67.18		62.28	4.90	
45+00				67.60		62.70	4.90	
46+00				68.27	.4194%	63.12	5.15	
47+00				69.05		63.54	5.51	
48+00				69.51		63.96	5.55	
48+73.00	ctr. "T" to F.H.			69.74		64.27	5.47	
49+00				69.85		64.39	5.46	
50+00				70.44		2464.80	5.64	
51+00				70.01	.3993%	64.40	5.61	
52+00				69.36		64.00	5.36	
53+00				68.90		63.60	5.30	
54+00				69.56		63.20	6.36	
55+00				68.70		62.80	5.90	

F. B. 3188 PG. 136 Job No. 5042.62 Division No. Notes Red Plotted Profile
Survey of NW DIST. #4 Date Date No.
Survey by JSC Notes JSC Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT DITCH GRADE	CUT	
55+76				2467.17		2462.50	4.67	Set Stk & Tin 8" W & PIPE
56+00				68.68		63.05	5.63	
56+22.77 ctr. Exist. 10" main @ Tapping "T"				68.42		2463.62	4.80	
BM#L-10E-A				2467.60		BM L-10E-A Elev. 2467.63 FB. 3188-124 AVE. L & 10th ST. E. 50' E & 50' N. & INT. A 2" Ref. pipe with Conc. Pl. & C.E. TAG		

Profile No. ____ X-Sec. No. ____ Notes Red ____ Date ____ Notes Chk'd. ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____ Job No. 5042.62 Survey of W.W. DIST. #4 Survey by JSC Map No. ____ Notes JSC Date 5/11/70 Indexed ____ Date ____

F. B. 3188 PG. 137

Profile No.	Notes Red	Plotted	Job No. 5042.76	Division No.	F.B. 3188	PG. 139
	Date	Date	Survey of W. W. DIST. #4			
X-Sec. No.	Notes Chk'd.	Checked	Survey by JSCoates	Notes JSC	Date 7/1/70	
	Date	Date	Map No.	Indexed	Date	

J.N. 5042.76

WATER WORKS DIST. #4

20TH ST. W. WATERMAIN

SPEC. # WWD-4 407 OF 1970

Set Stk & Tin 8' R or West ℄ pipe

Grade = 4.00 Cover
1.40
5.40 Below flow line

COATES
VAN NESS
ADAMS
BITTEL

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

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STATION	B. S.	H. I.	F. S.	ELEV.			
FD BM 105-2				2342.65	BM 105-2 Elev. 2342.651 (1958 adj) FB 2417-144 A C.S. Mon. in H.H. @ ℄ INT. Sect. Cor 16, 17, 20, 21 T7N R12W		
					Flow Line Elev.	BOT. DITCH GRADE	CUT
1+31	Exist 10" G.V.			45.02	38.90		
2+00				44.73	44.07	38.67	6.06
3+00				44.81	44.40	39.00	5.81
4+00				45.32	45.56	40.16	5.16
5+00				45.60	44.67	39.27	6.33
5+61 12"x6" "T" to F.H.				46.02	44.99	39.59	6.43
6+00				45.95	45.37	39.97	5.98
7+00				46.60	45.40	40.00	6.60
8+00				47.04	46.07	40.67	6.37
8+49 12"x6" "T" to F.H.				46.65	46.25	40.85	5.80
9+00				46.53	46.40	41.00	5.53
9+08	End 12" plug			46.39	46.49	41.09	5.30
T.P.				45.58			
B.M. 105-2				42.64	B.M. 105-2 ELEV. 2342.651 FOR DESCP. SEE ABOVE		

F. B. 3188 PG. 140 Job No. 504276 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by JSC Notes JSC Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

Notes Ck'd by	Survey of AVE J - TOPOS
Map No.	JN 5042.96 Tape 0189 Std. 68 °F
Office Work	Surveyed by W.J. Voge
Checked	Notes Voge Date 7-28-70
Date	Indexed H. E. OTT JUL 28 70

F. B. 3188 PG. 141

TOPOGRAPHICAL SURVEY ON AVE "J" FROM 23RD ST. W. TO 30TH ST. W.

JN 5042.96

REFERENCES USED:

FB 3227

TB 23470-Z

PARTY:

VOGE

SIDWELL

HILL

HUBBARD (EXTRA)

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16F309S CE#310 3-68

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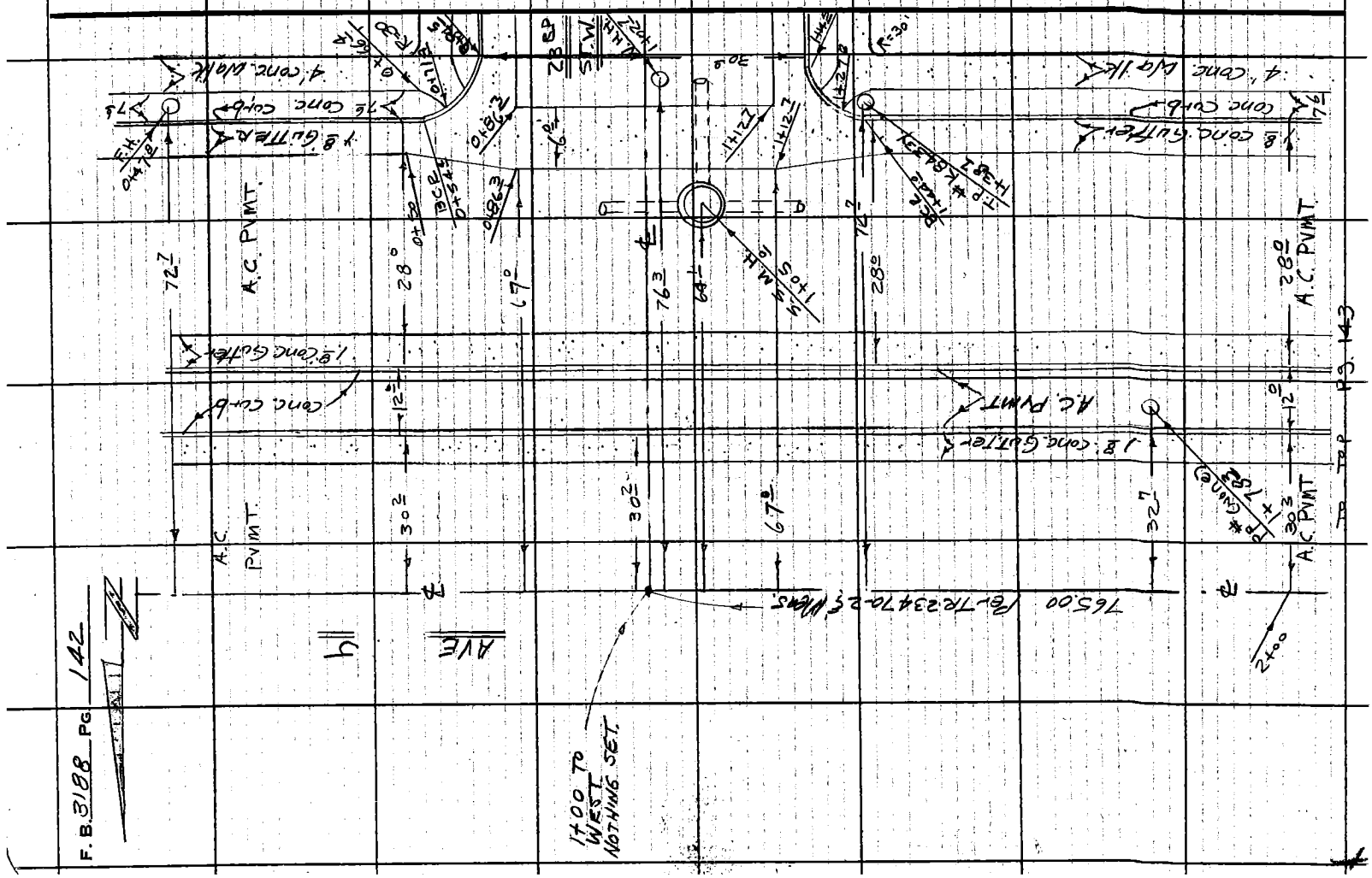
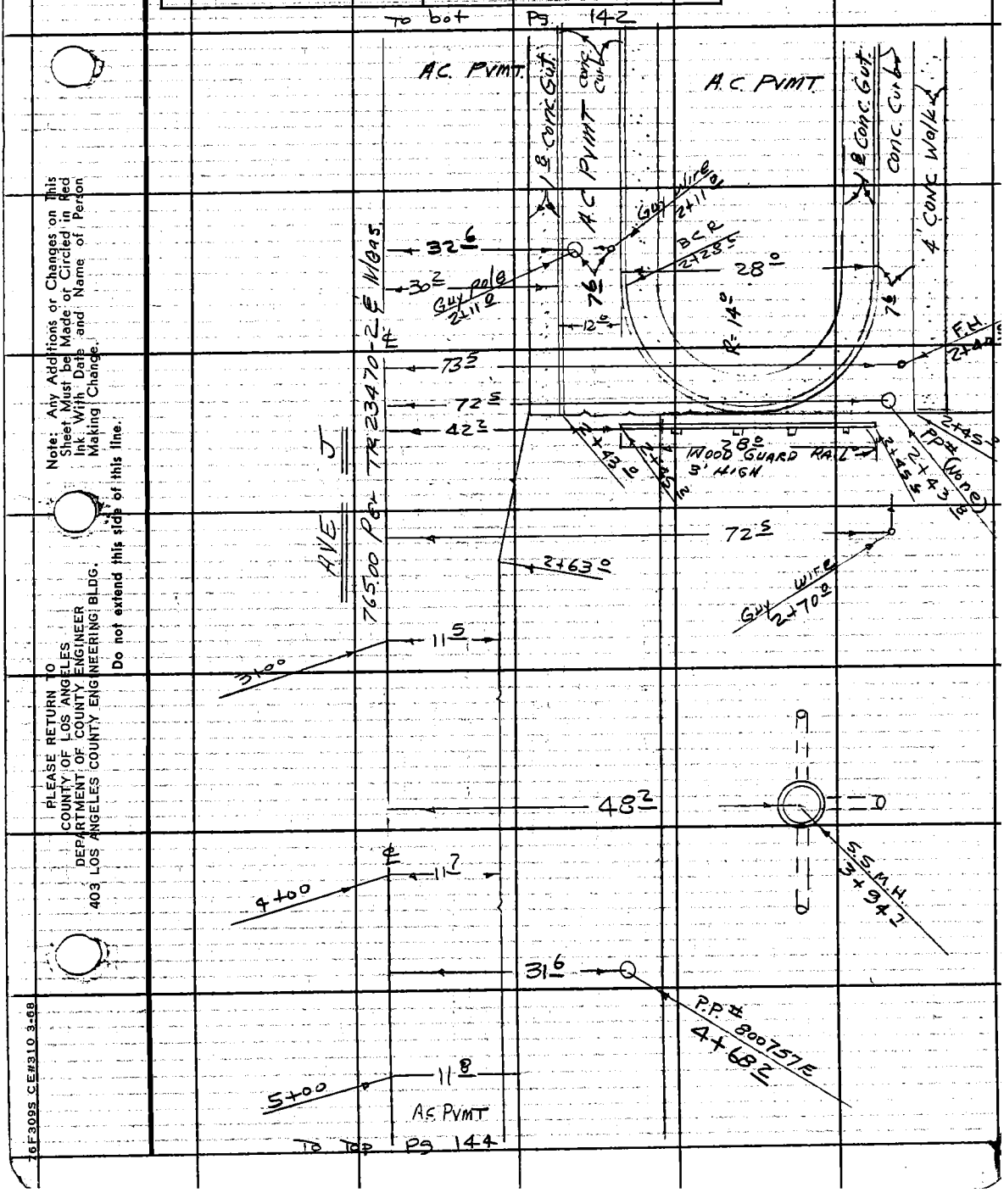


Notes Ck'd by	Survey of AVE "J" TOPOG.
Map No.	JN 5042.96 Tape 0189 Std 68 °F
Office Work	Surveyed by W. J. Yoge
Checked	Notes Yoge Date 7-23-70
Date	Indexed B. E. OTT JUL 28 '70

F. B. 3188 PG. 143



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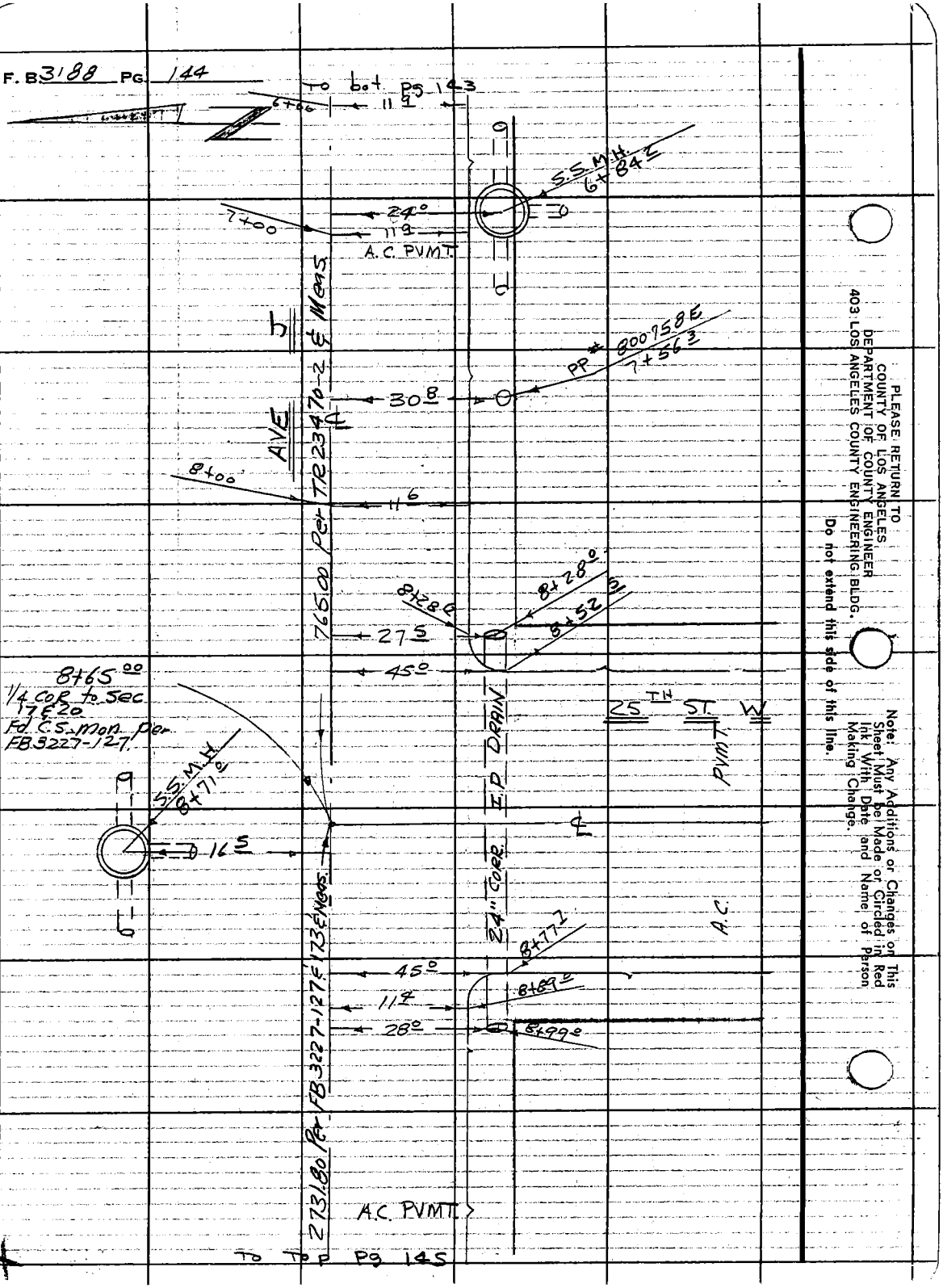
76F309S CE#310 3-68

F. B. 3188 PG. 144



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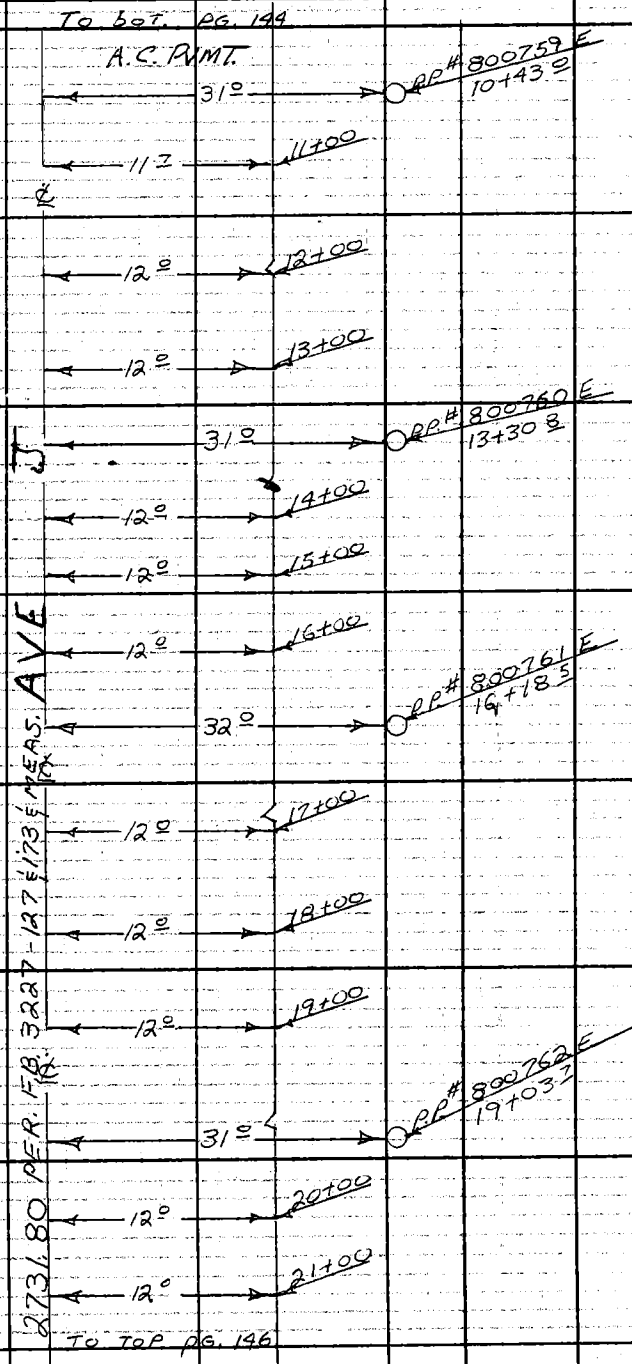
Notes Ck'd by	Survey of AVE II Topog	F. B. 3188 Pg. 145
Map No.	JN 5042.96 Tape 0189 Std 68 °F	
Office Work	Surveyed by W. J. Vogt	
Checked	Notes Slowell Date 7-23-70	
Date	Indexed B. E. OTT 11 28 70	



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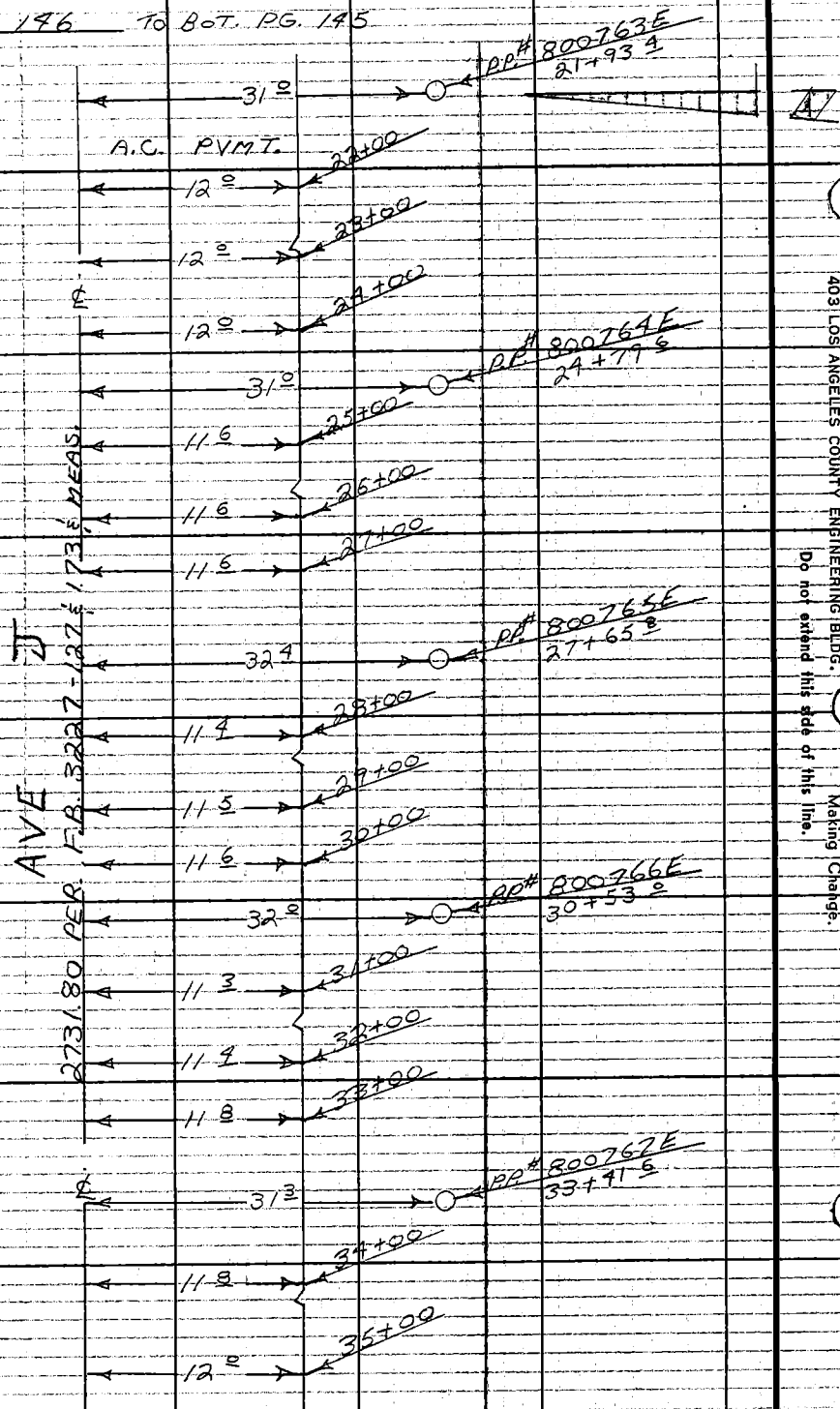
76F3095 CE#310 3-68

F. B. 3188 PG. 146 TO BOT. PG. 145



TO TOP PG. 147

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

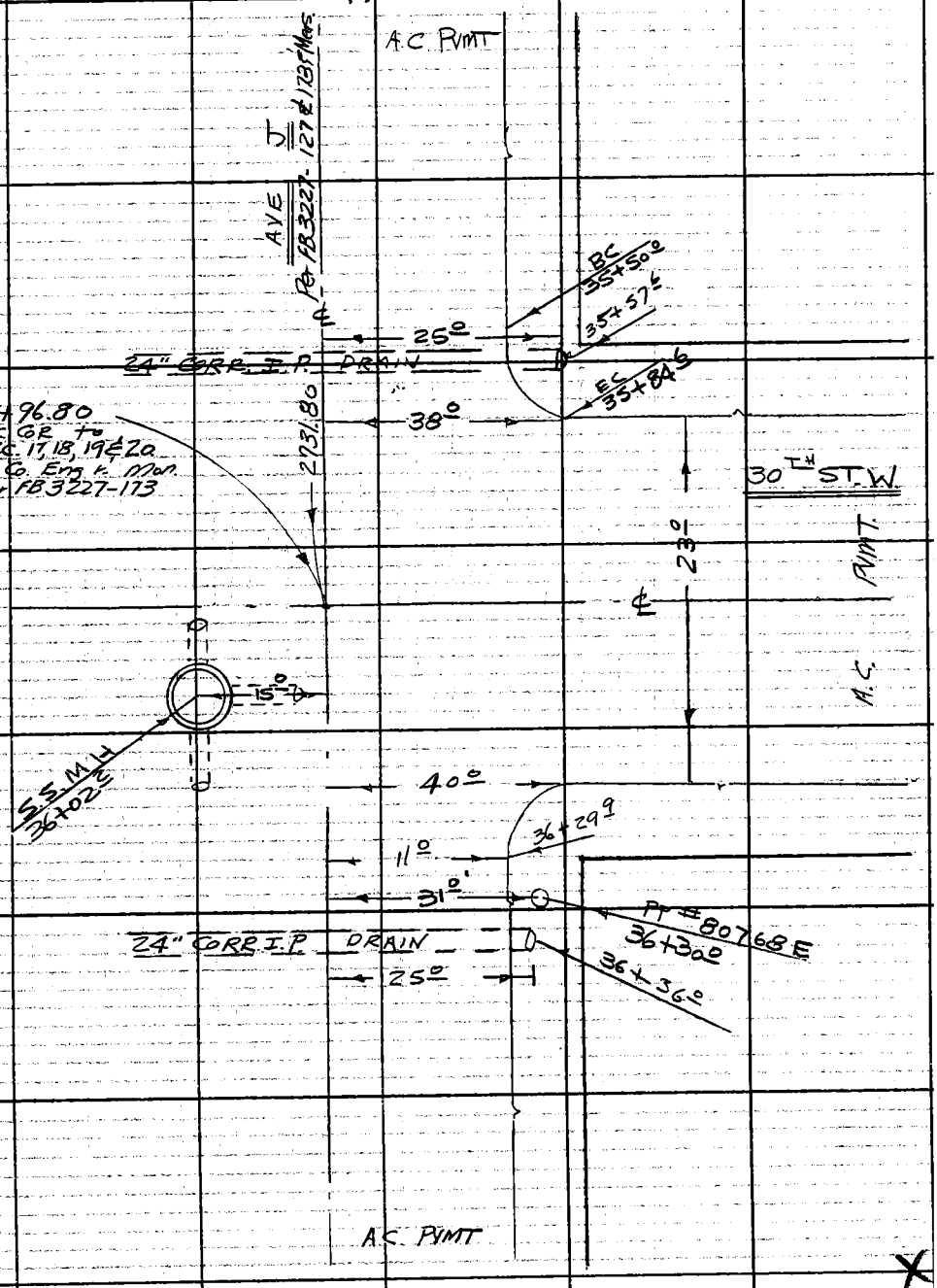
Do not extend this side of this line.

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

Notes Ck'd by	Survey of AVE J Topog
Map No.	JN 5042.96 Tape 0189 Std. 68 °F
Office Work	Surveyed by W.J. Voge
Checked	Notes Voge Date 7-23-70
Date	Indexed H.E. ON JU 28 70

F. B. 3188 PG. 147

To bot. pg 146



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

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

Notes Ck'd by	Survey of TOPOG ON 20TH ST. W. J-K
Map No.	JN 5042.97 Tape 0189 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-24-70
Date	Indexed C. J. GALLI AUG 3 '70

F. B. 3188 PG. 149

TOPOGRAPHY ON 20TH ST. W

AVE K TO AVE J

J.N. 5042.97

REFERENCE USED

FB 3227

PARTY

W. J. Voge
H. Hubbard
J. Sidwell
C. Hill

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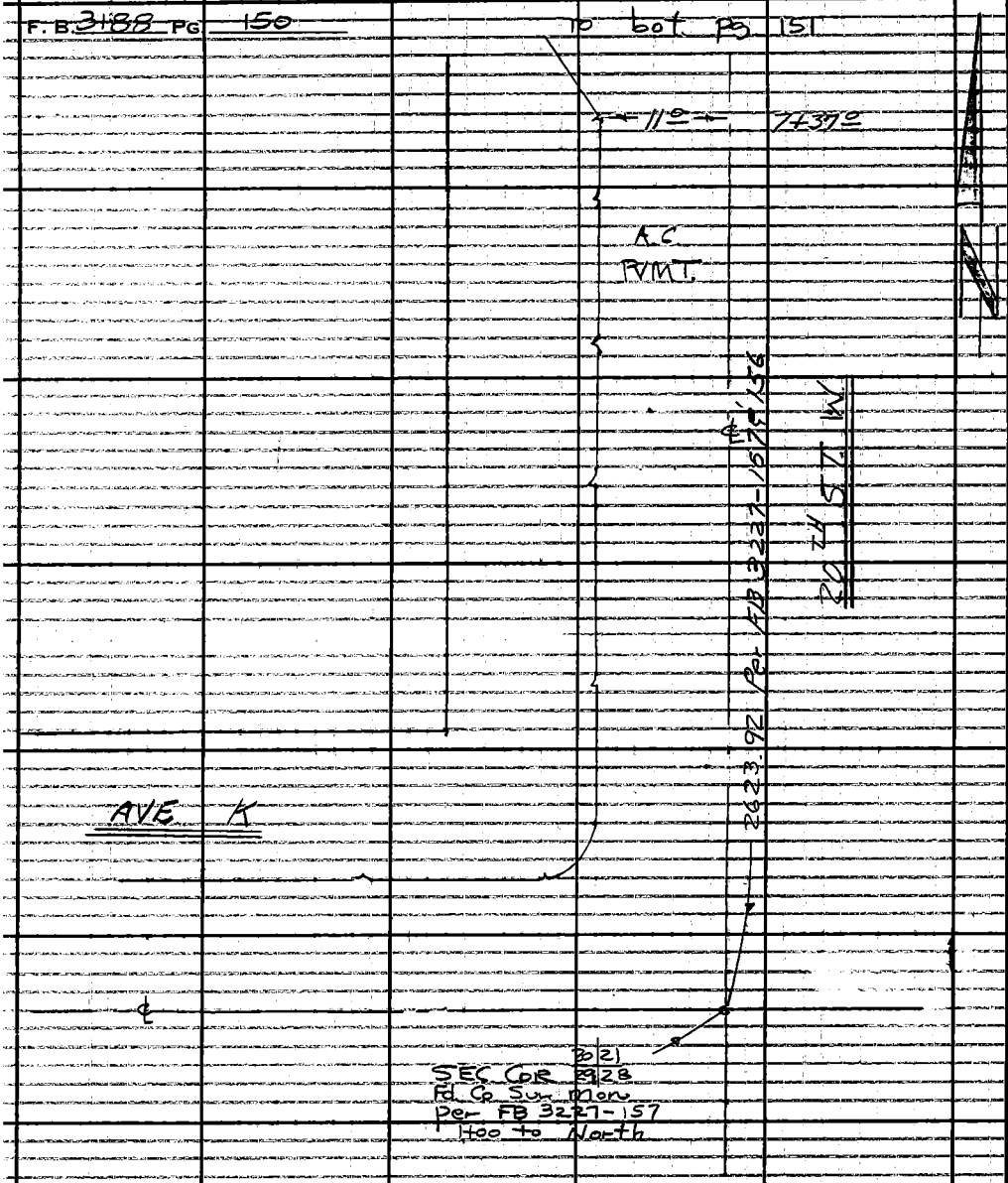
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3188 PG 150



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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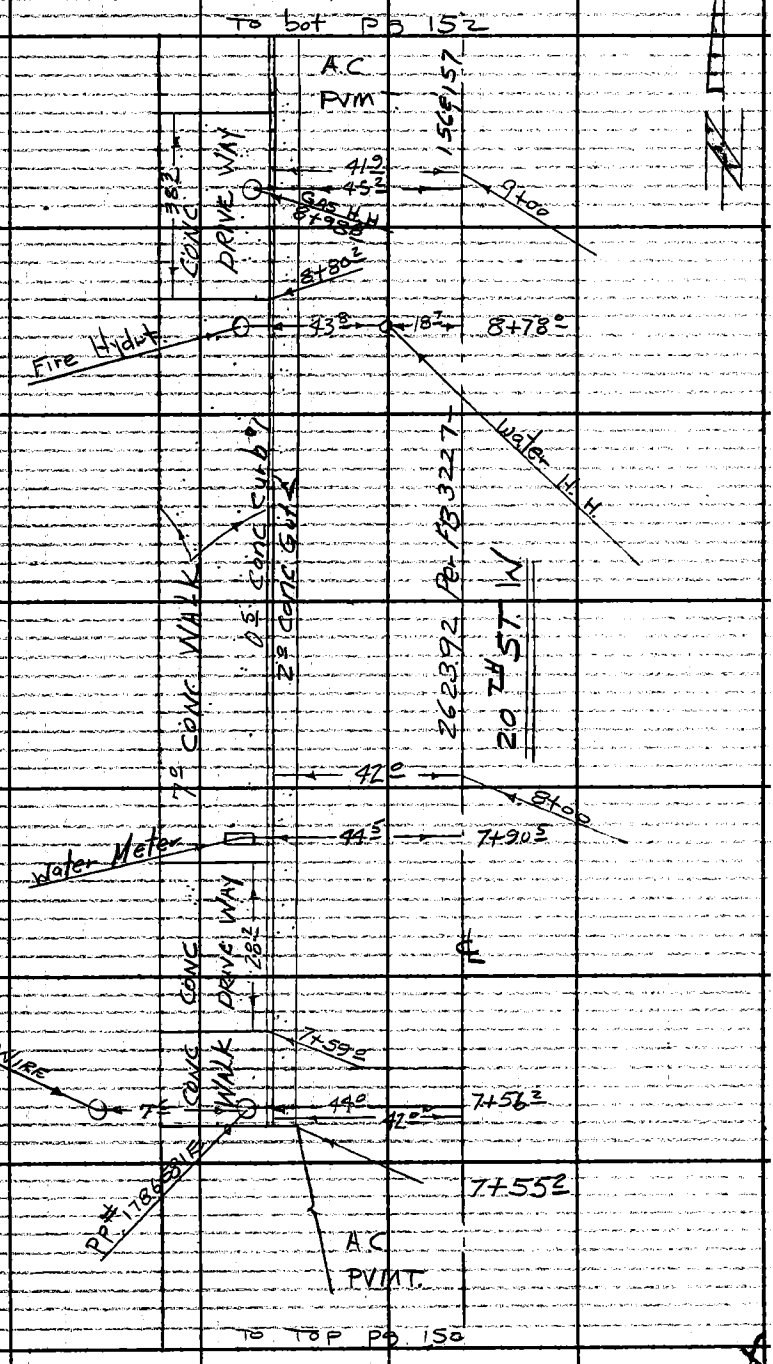
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Topog on 20th St W K.J
Map No.	JN 504297 Tape 0189 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-24-70
Date	Indexed C. J. GALLI AUG 3 70

F. B. 3188 PG. 151



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S OE #310 6-53

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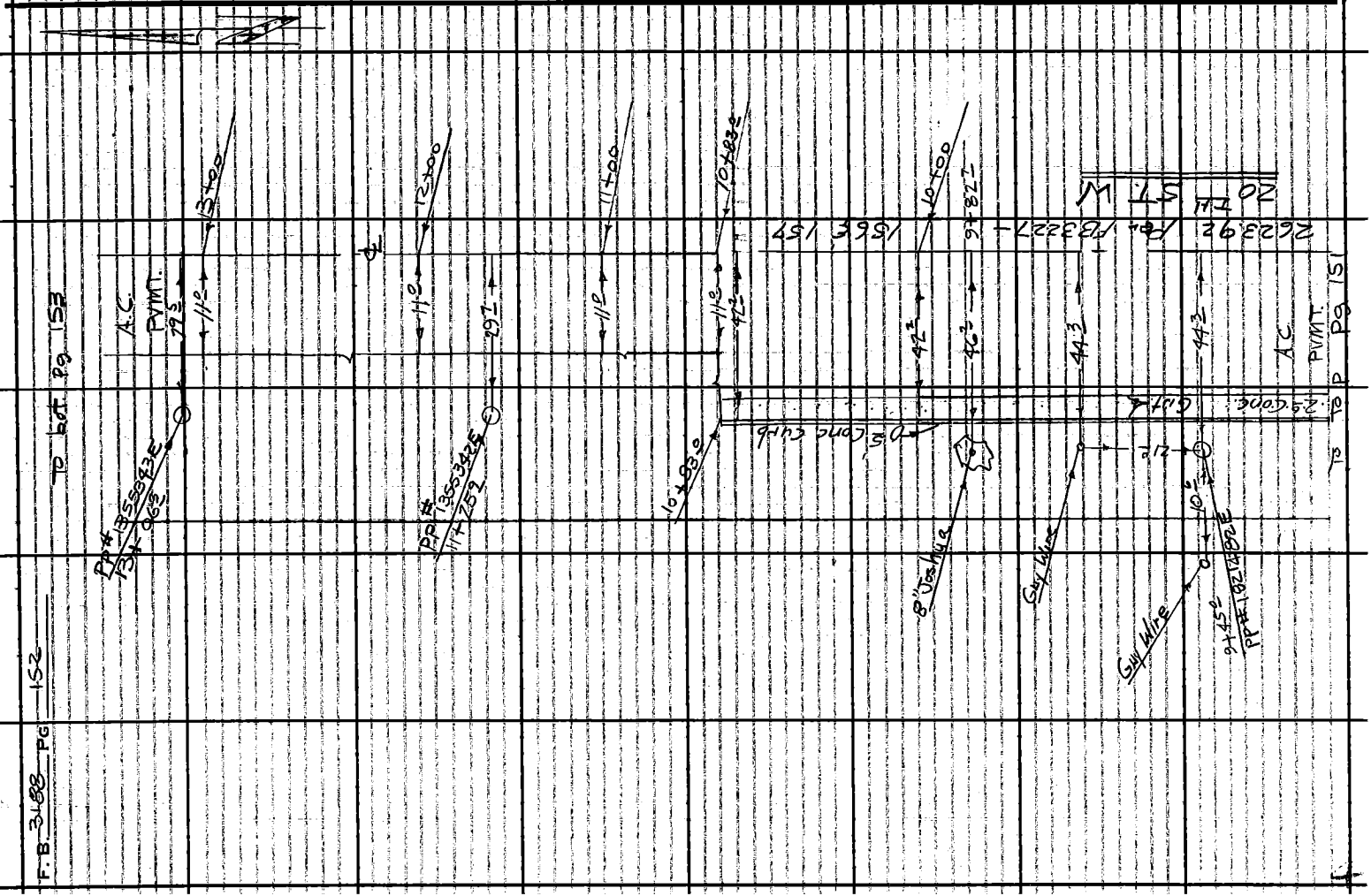
403 LOS ANGELES COUNTY ENGINEERING BLDG.

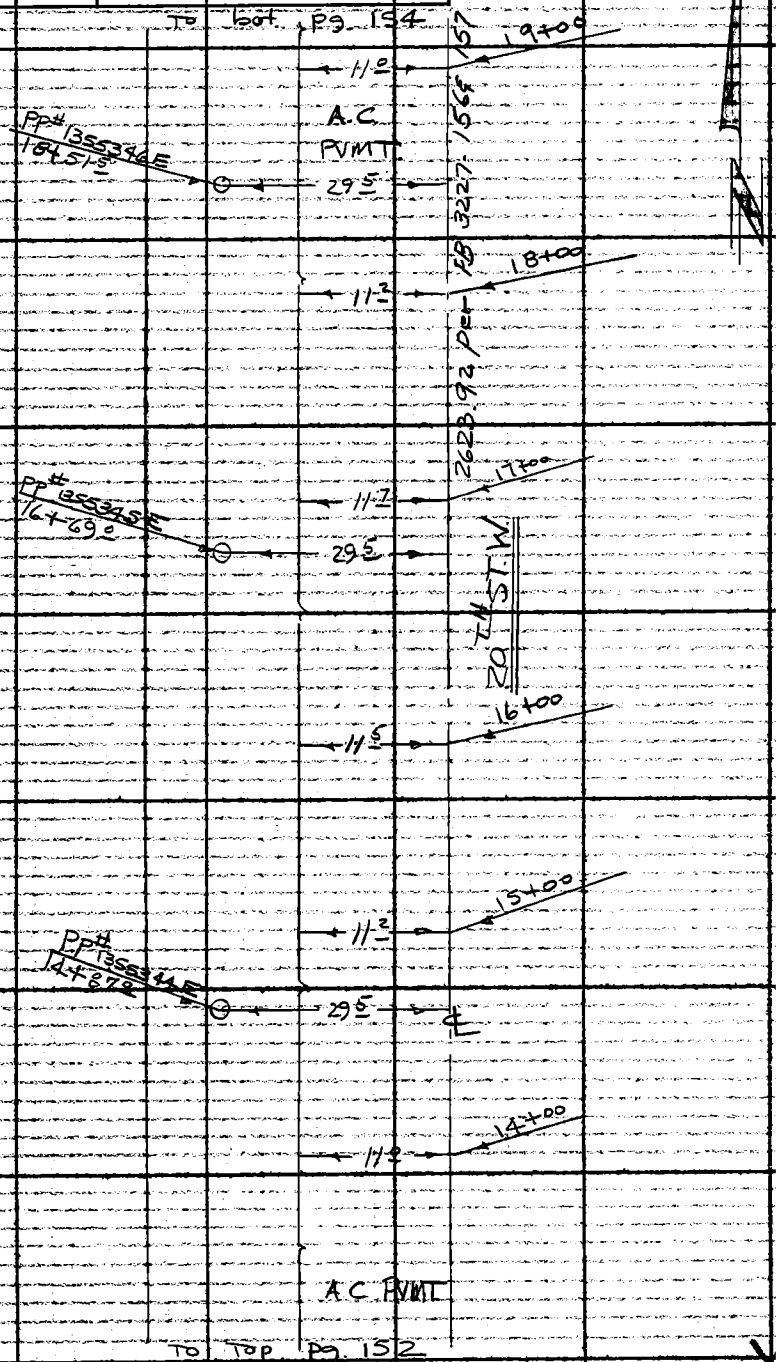
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.



Notes Ck'd by	Survey of Topog. on 20th ST.W K-J
Map No.	JN 5042-97 Tape 0189 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-24-70
Date	Indexed C. L. GALLI AUG 3

F. B. 3188 PG. 153



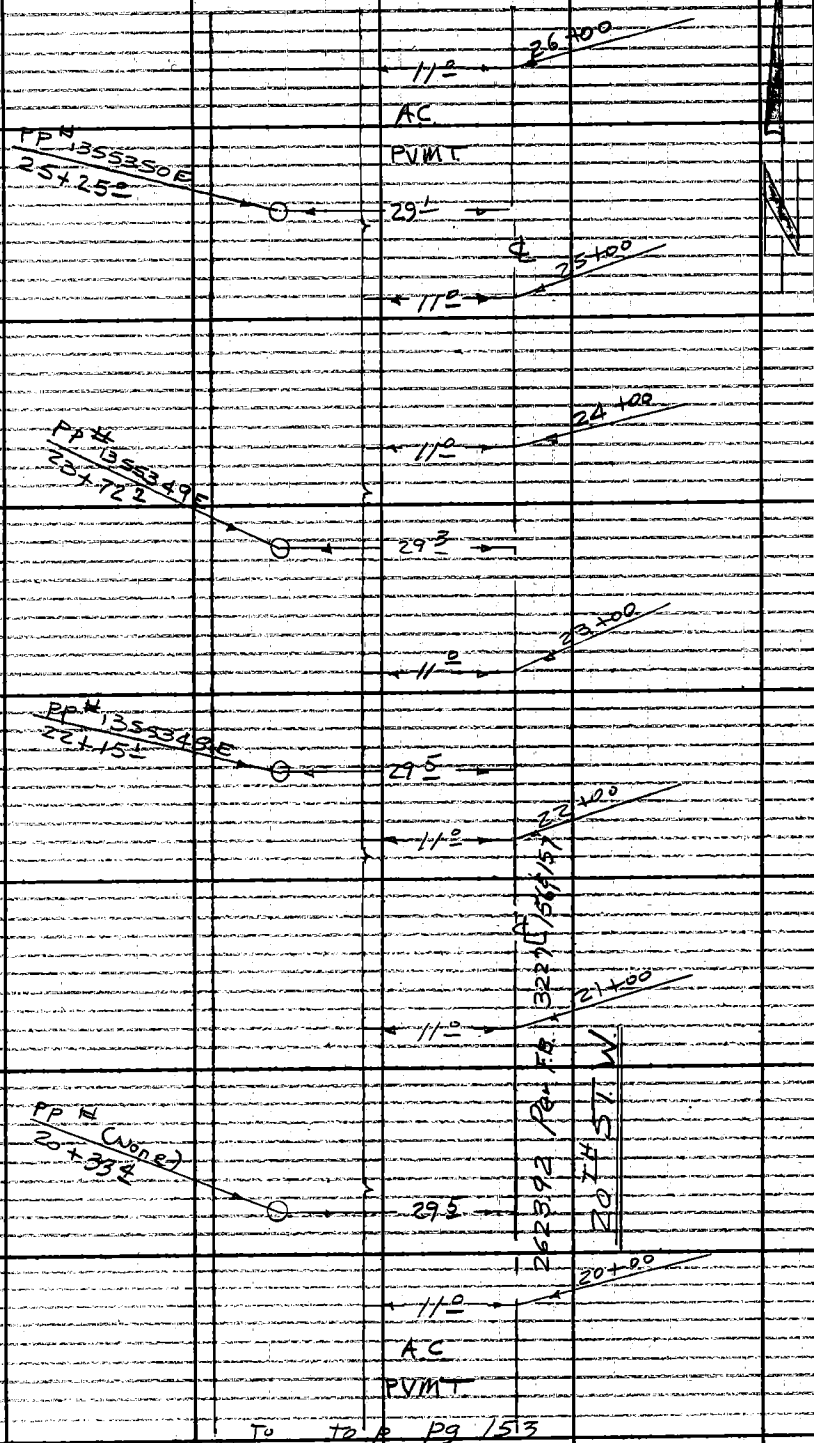
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3095 CE #310 6-63

F.B. 3188 PG 154 To bot pg 155



To top pg 153

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

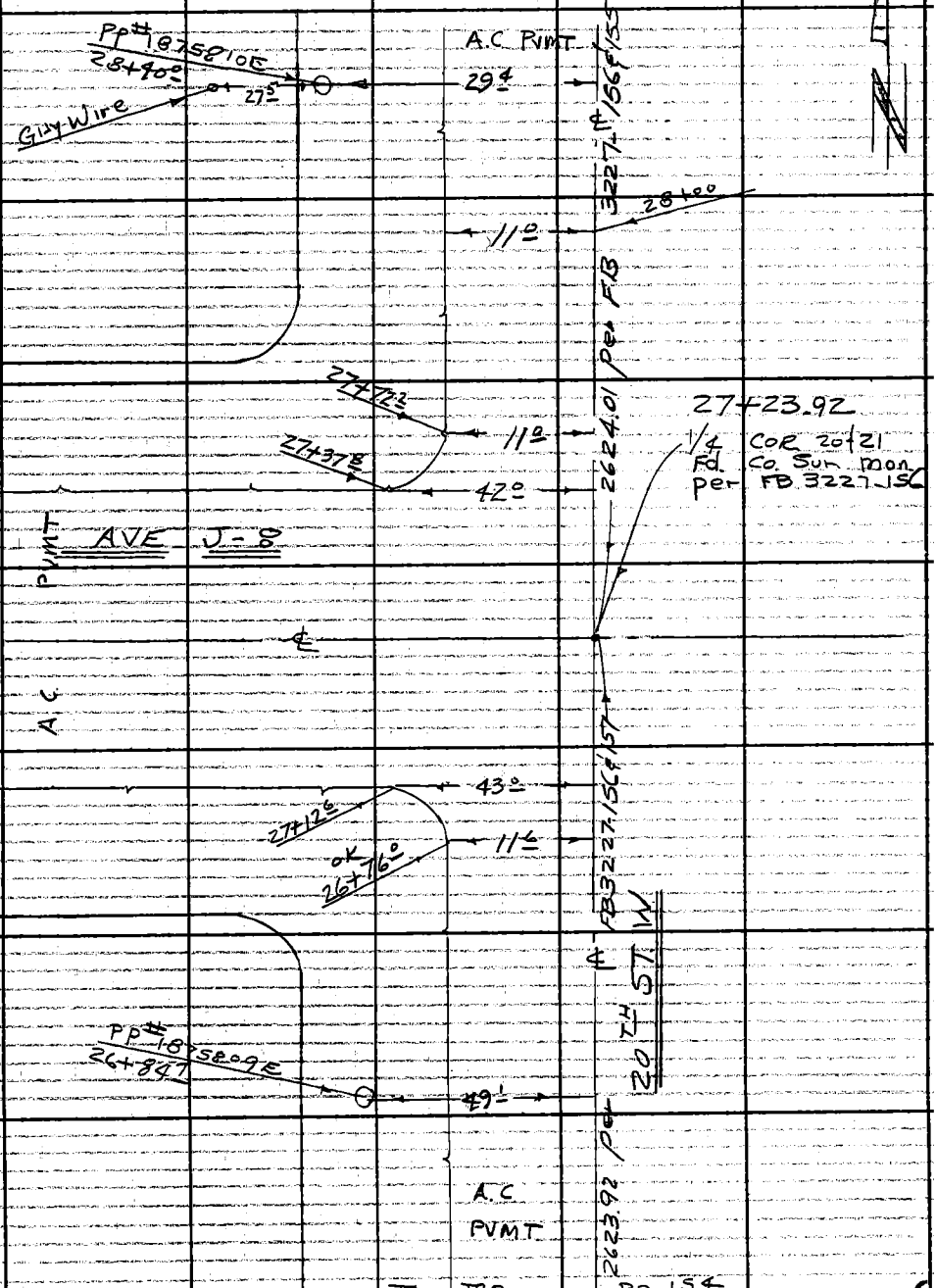
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink, With Date and Name of Person Making Change.

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

Survey of Topog on 20TH STW K.J.
JN 5642.97 Tape 0189 Std 68 °F
Surveyed by W. S. Voge
Notes Voge Date 7-27-70
Indexed C. J. GALLS AUG 3 '70

F. B. 3186 PG. 155

To bot. Pg. 156



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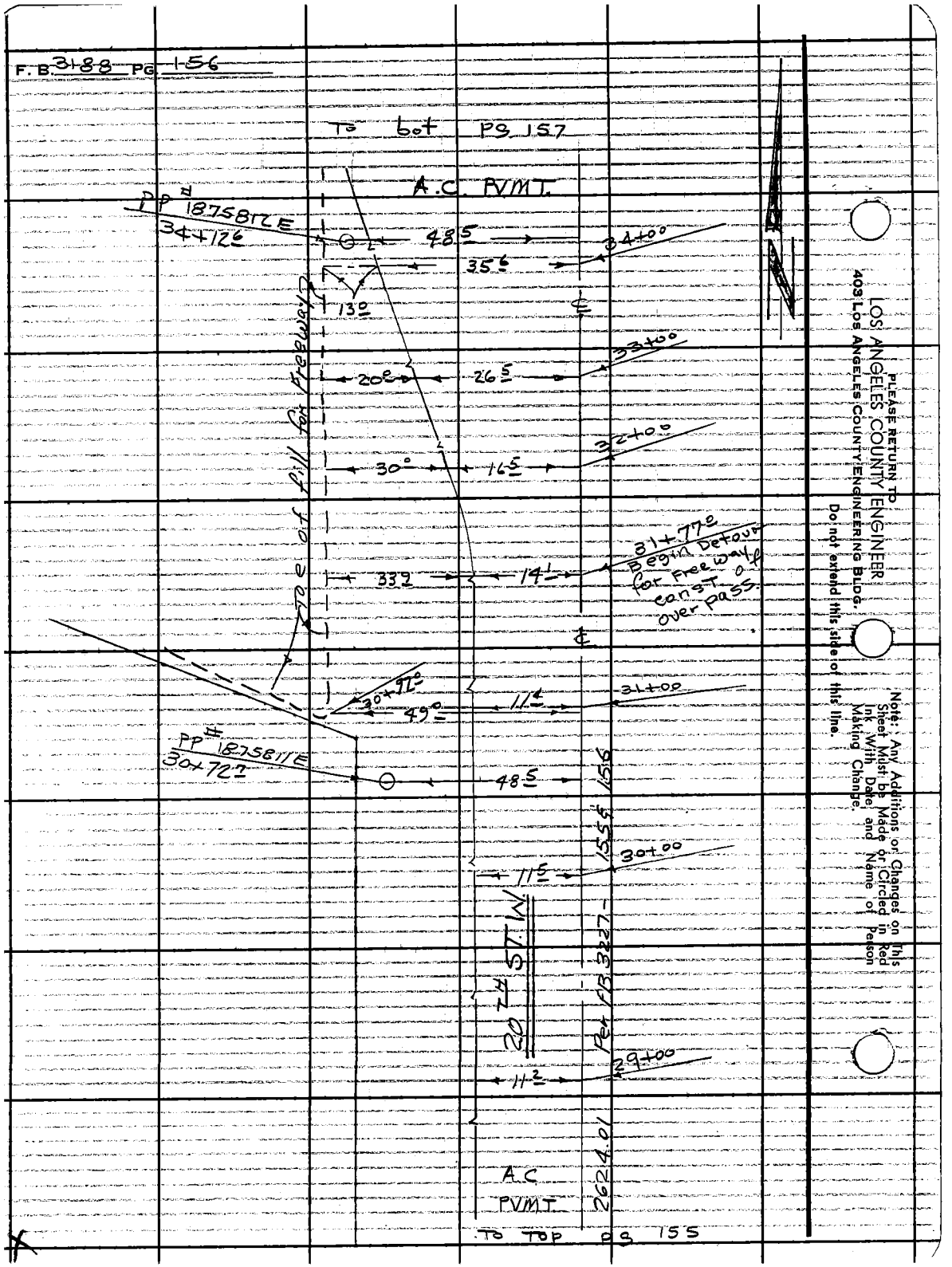
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-83

F. B. 3188 PG 156



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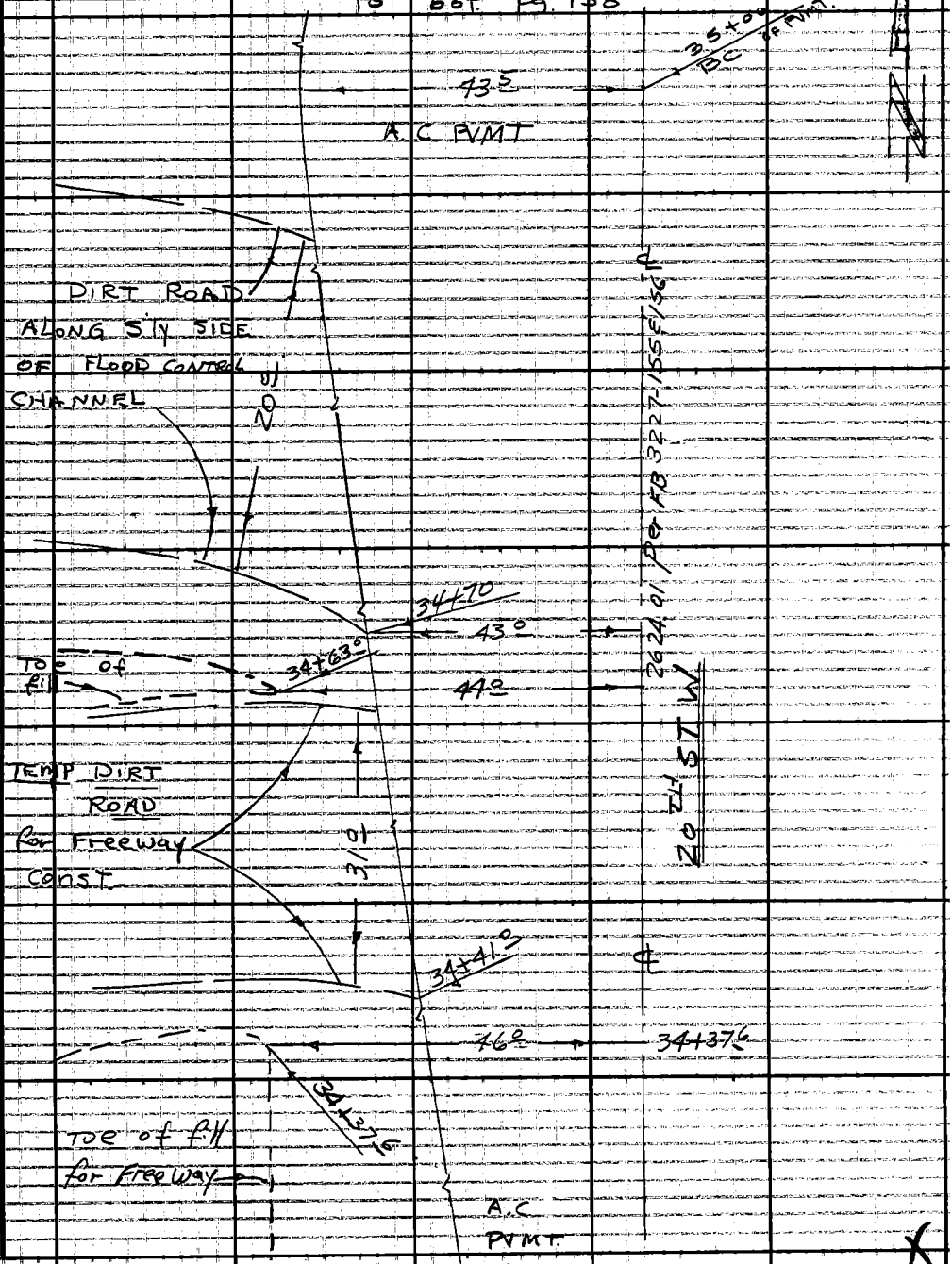
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Pipe on 20th St. W. K-J
JN 5042 Tape 0189 Std 68 °F
Surveyed by W. J. Voge
Notes Voge Date 7-27-70
Indexed C. J. GALLI AUG 3 '70

F.B. 3188 PG. 157

To bot. Pg. 158



To top Pg. 156

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
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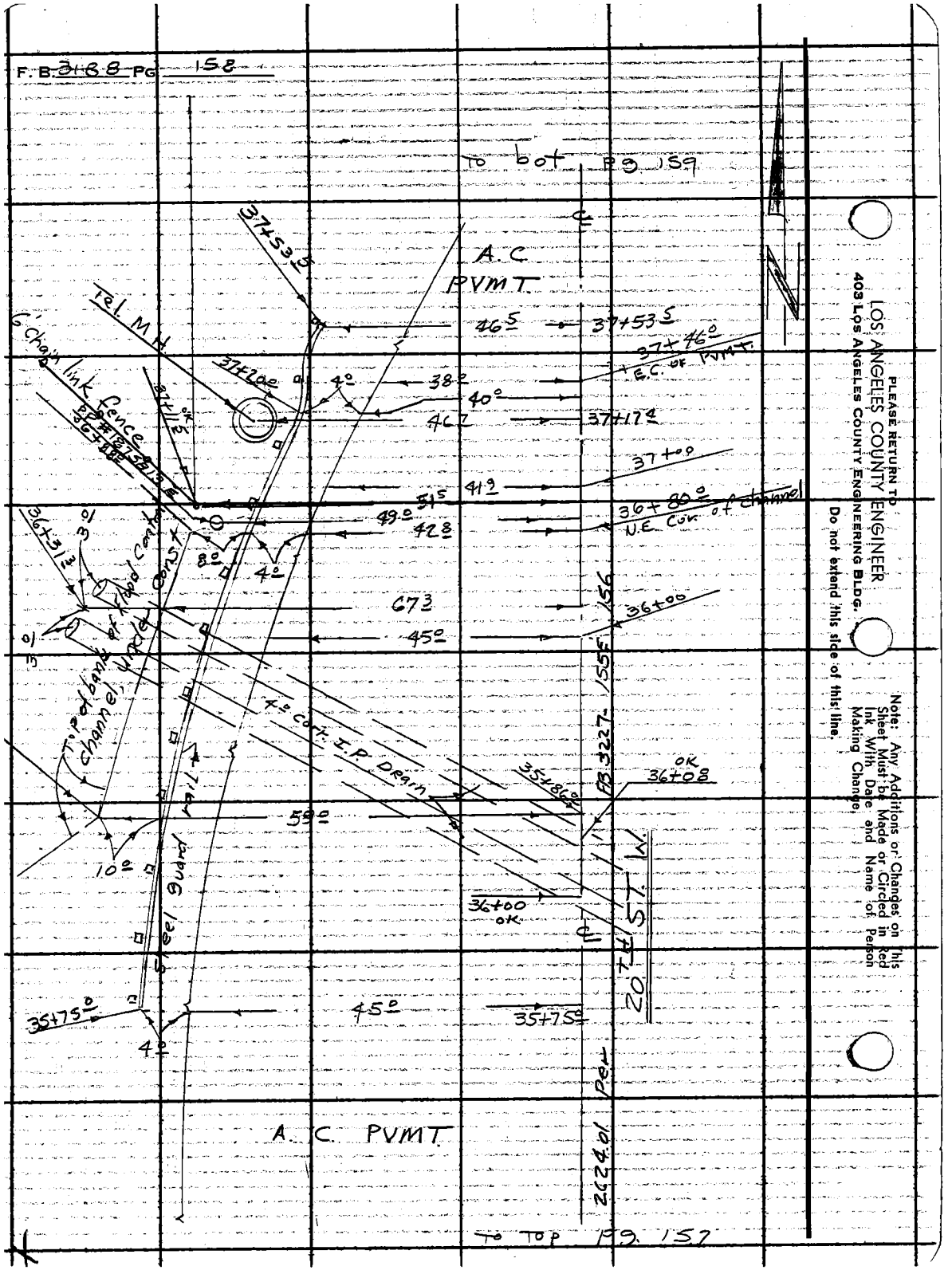
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
7d-5085 CE #310 6-33

F.B. 3188 PG 158



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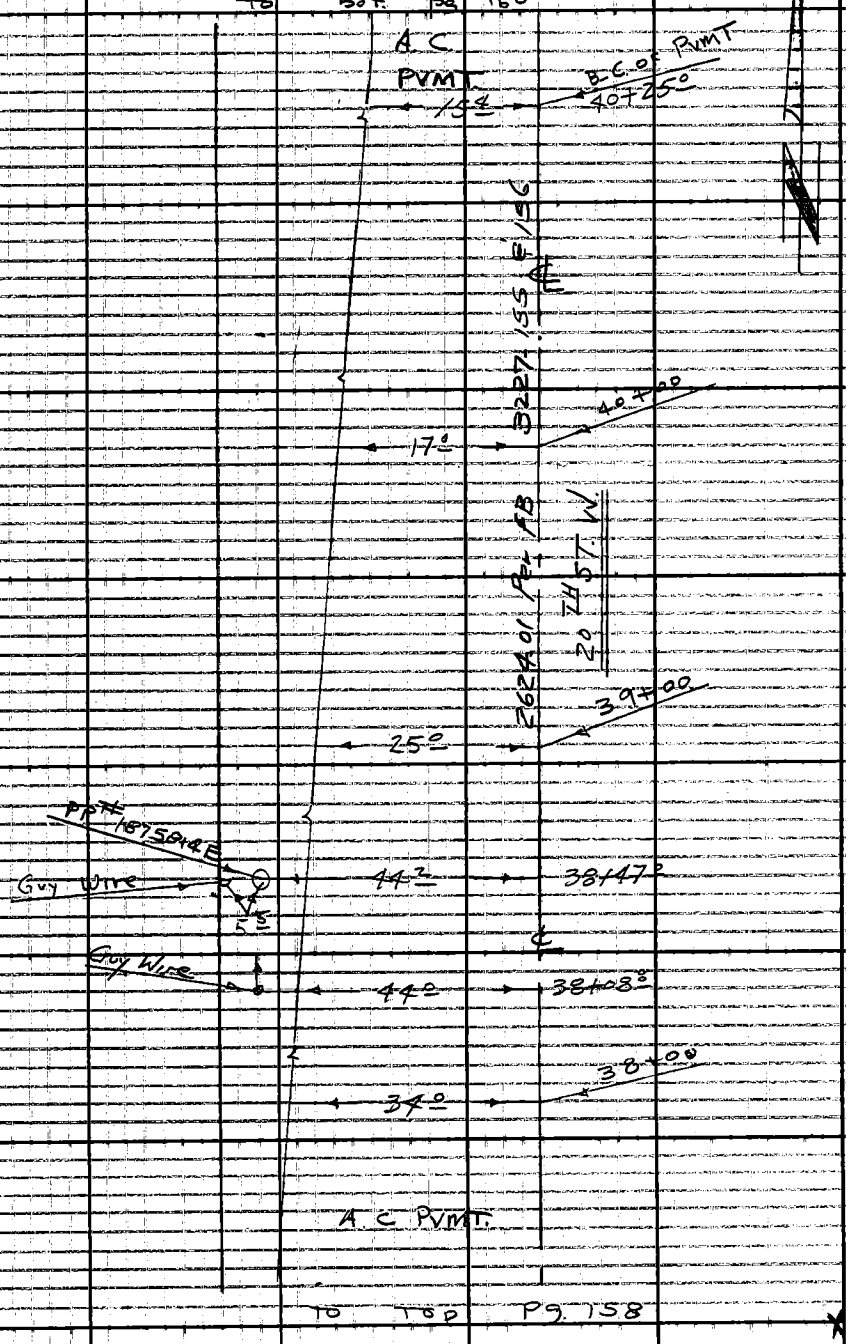
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Topog on 20TH ST. W. K-J
Map No.	JN 5042.91 Tape 0189 Std 68 °F
Office Work	Surveyed by W.J. Voge
Checked	Notes Voge Date 7-27-70
Date	Indexed C.J. GALLI AUG 3

F.B. 3188 PG. 159



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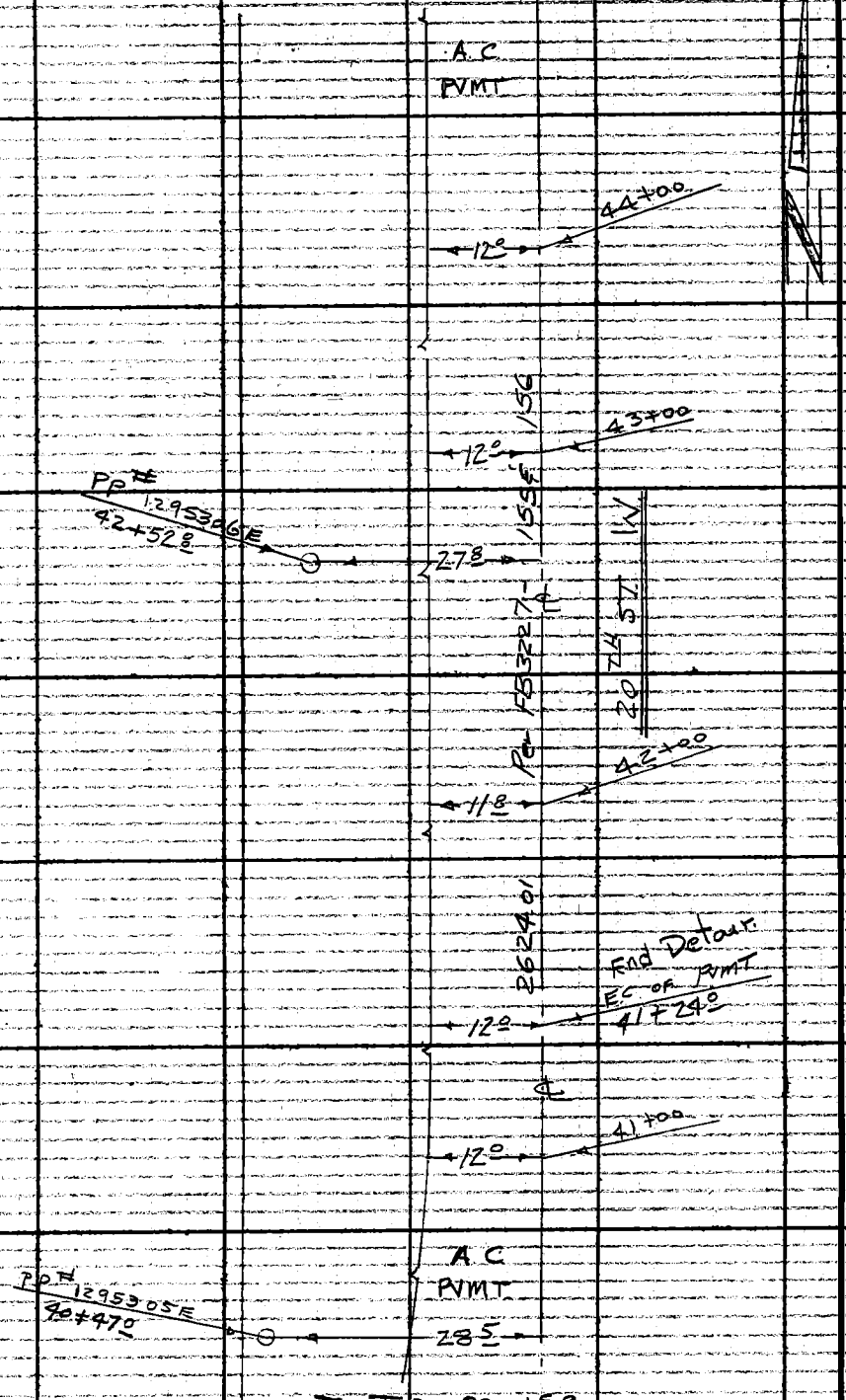
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F.B. 3188 PG 160

To bot. pg 161



To top pg 159

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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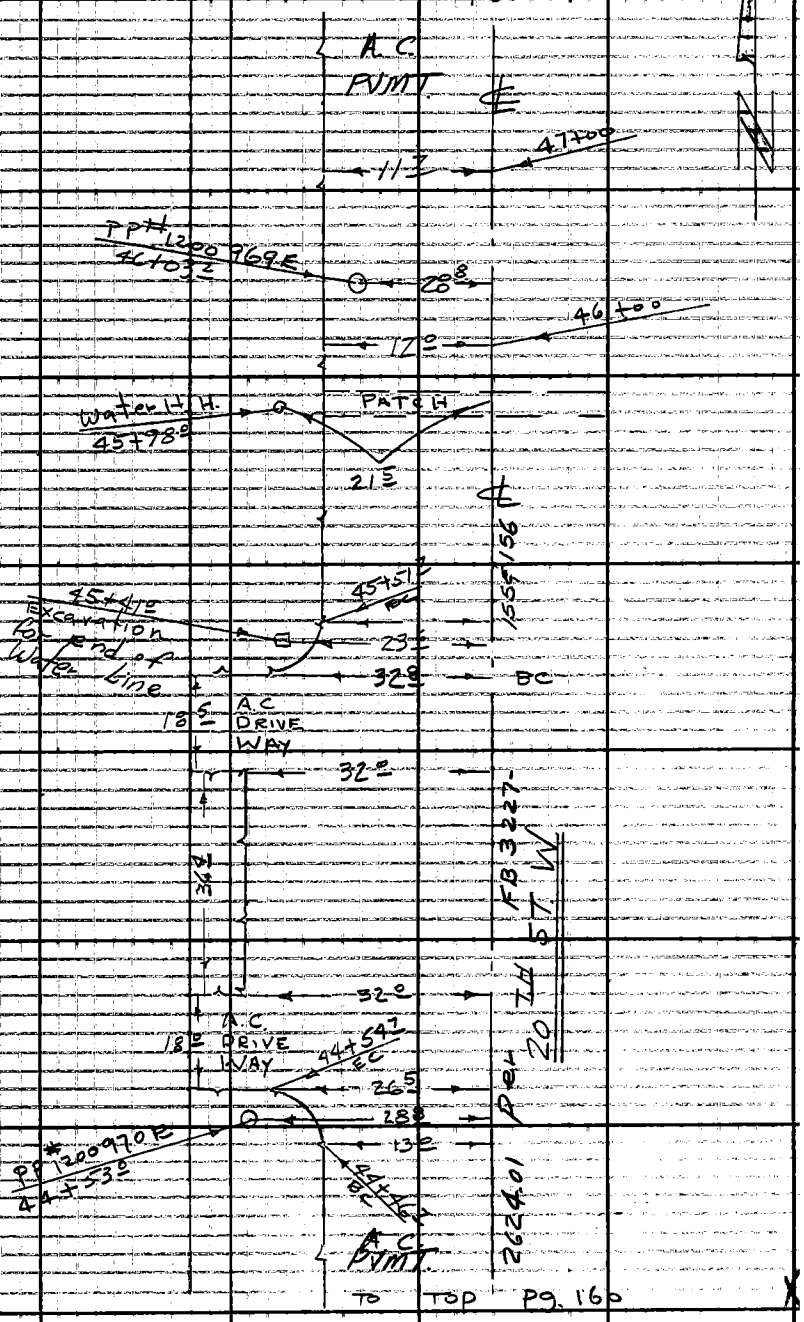
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink with Date and Name of Person Making Change.

Notes Ck'd by	Survey of Topog on 20TH ST. W	F. B. 3188 PG. 161
Map No.	JN 5042 97 Tape 0189 Std 68 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 7-27-70	
Date	Indexed C. J. GALLI	

To bot. pg. 162



To top pg. 160

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

76F3095 CE #310 6-63

F.B. 3188 PG 162

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403 Los Angeles County Engineering Bldg.

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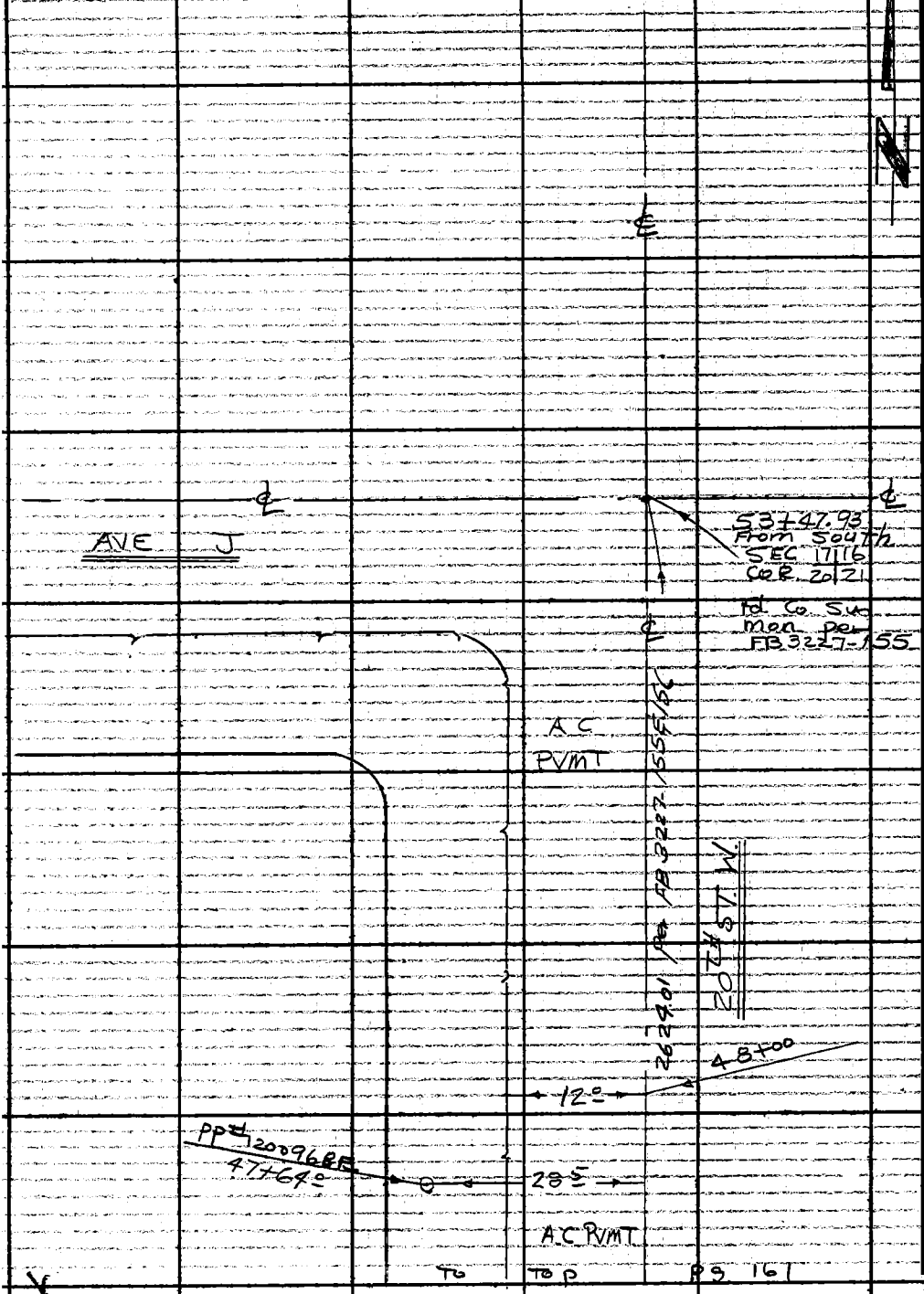
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink with Date and Name of Person Making Change.



Notes Ck'd by G. D. BAILEY	Survey of W.W. DIST. #4 – AVE. K	F. B. 3188 PG. 163
Map No.	JN 5042.95 Tape 165 Std. 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 7-20-70	
Date	Indexed G. J. GALLI AUG 10 70	

J.N. 5042.95

WATERWORKS DIST. #4

CENTERLINE SURVEY
OF
AVE. K

FROM: 25TH ST. W.
TO: 10TH ST. W.

MENDONCA
ALBRIGHT
RITTER
RIECKHOFF
MITCHELL

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

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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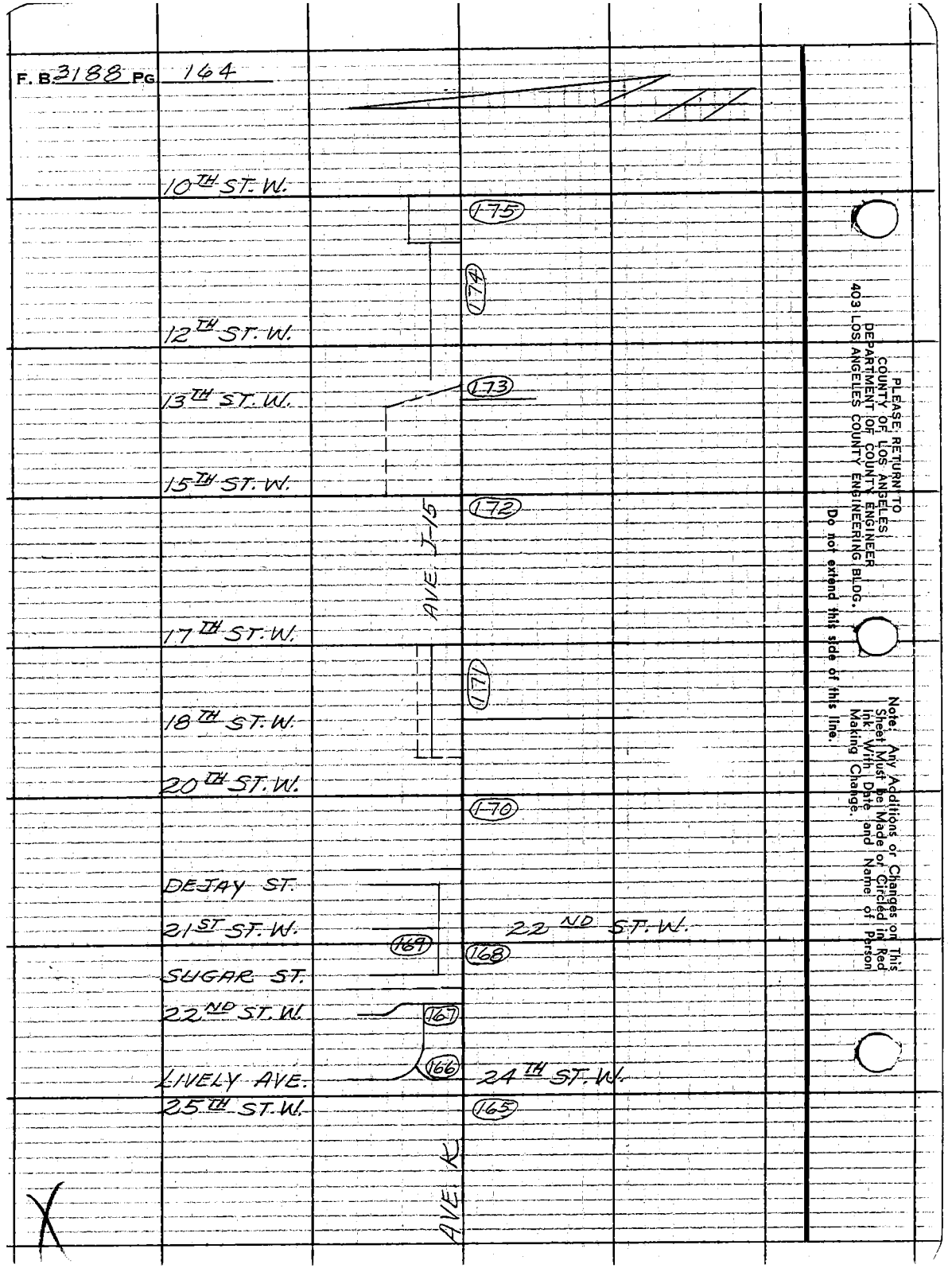
76F3095 CE#310 3-68

X

F. B. 3188 PG 164



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

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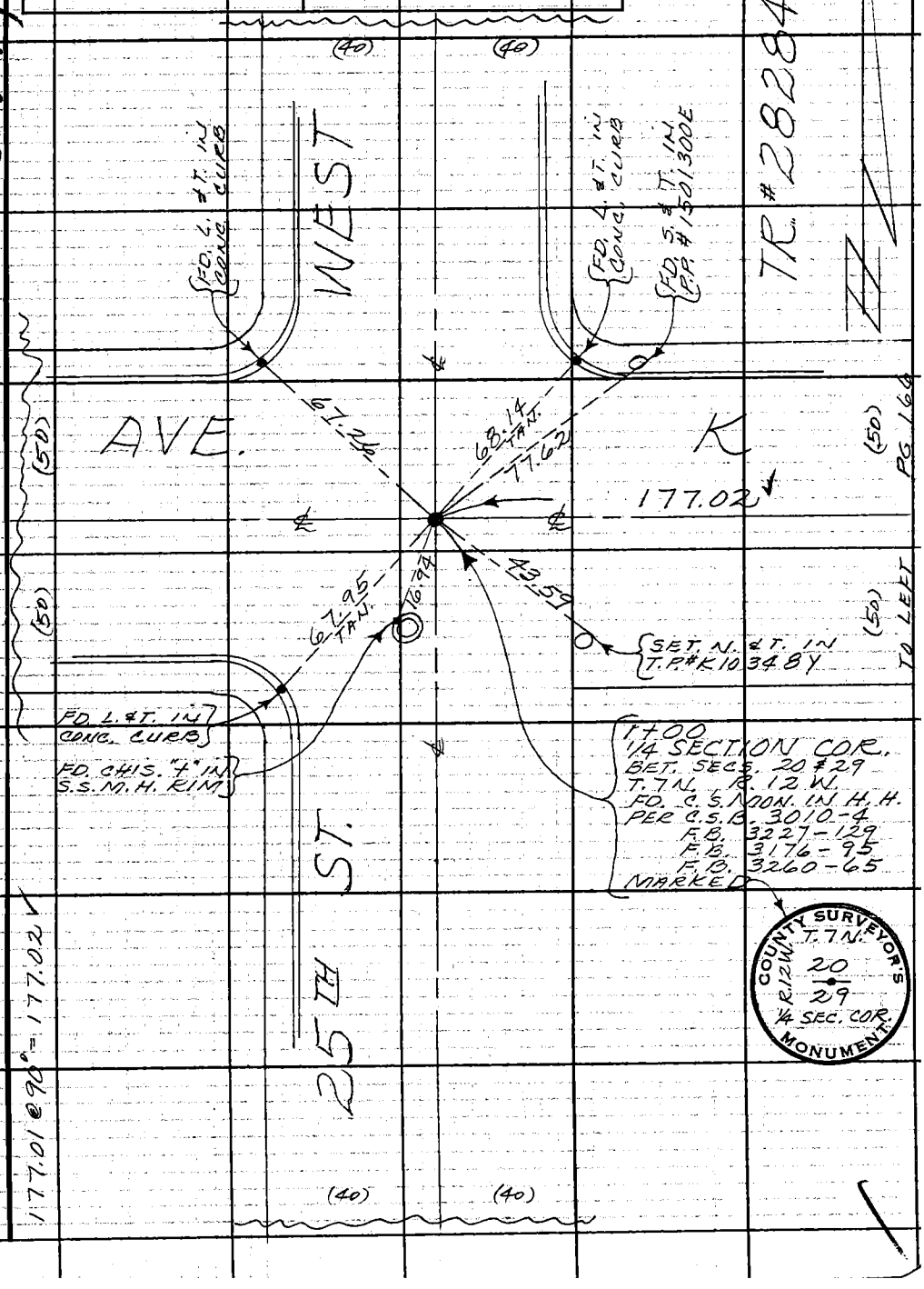
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. D. BAILEY	Survey of W.W. DIST. #4-AVE. K.
Map No.	JN 5042.95 Tape 165 Std 84 °F
Office Work	Surveyed by AMENDONCA
Checked	Notes J.M. Date 7-21-70
Date	Indexed C. J. GALLI AUG 10 '70

F. B. 3188 PG. 165

W.S.T.T. D-5



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

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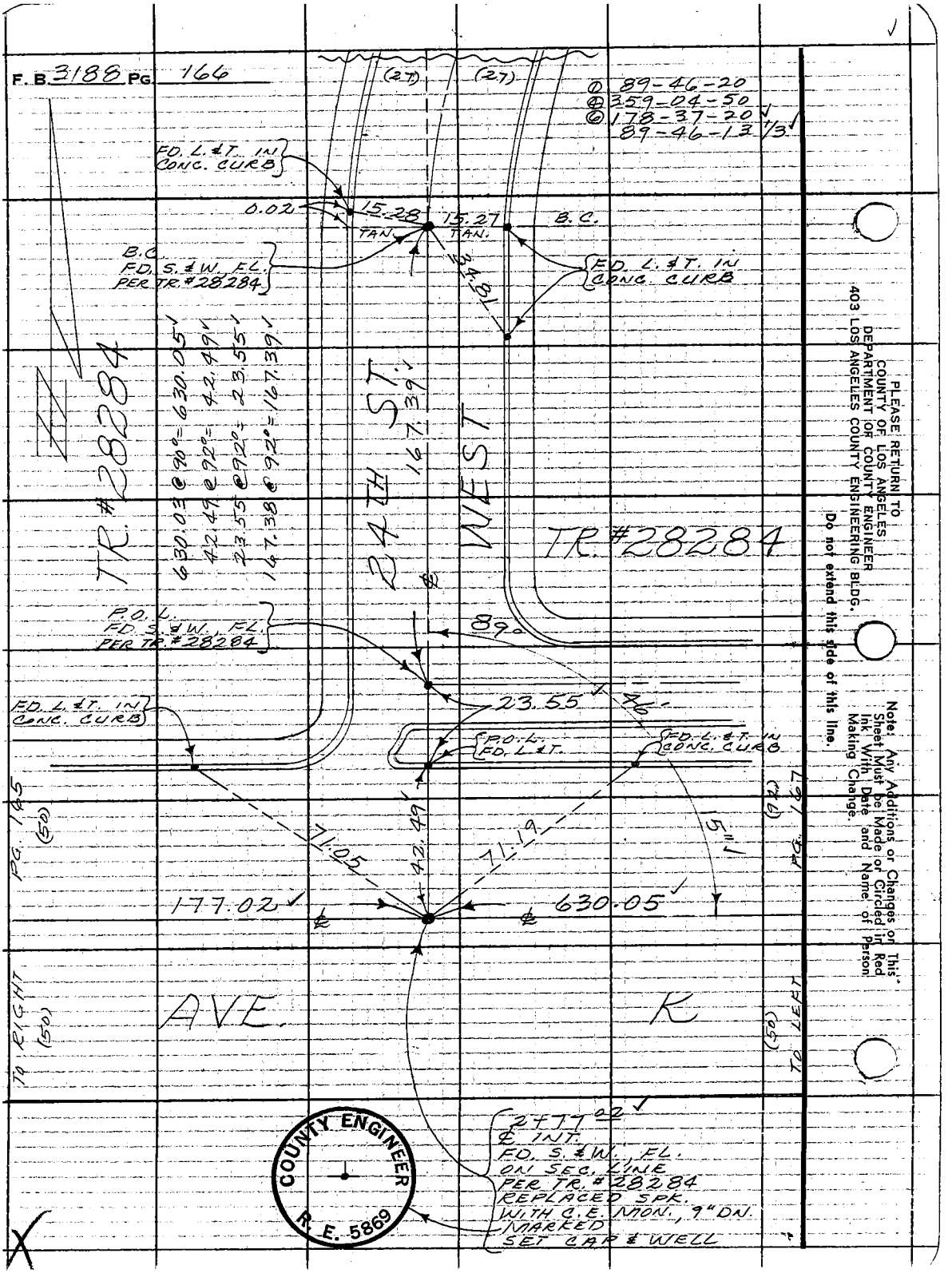
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68


F. B. 3188 PG. 166
(27)
(27)
① 89-46-20
④ 359-04-50
⑥ 178-37-20
89-46-13 1/3
FD. L. & T. IN CONC. CURB
0.02
15.28
15.27
TAN.
TAN.
B.C.
B.C. FD. S. & W. FL. PER TR. #28284
34.81
FD. L. & T. IN CONC. CURB
TR. #28284
630.03 @ 90° = 630.05
42.49 @ 92° = 42.49
23.55 @ 92° = 23.55
167.38 @ 92° = 167.39
24TH ST.
167.39
WEST
TR. #28284
P.O.L. FD. S. & W. FL. PER TR. #28284
89°
23.55
46
FD. L. & T. IN CONC. CURB
P.O.L. FD. L. & T.
FD. L. & T. IN CONC. CURB
PG. 165
(50)
71.05
42.49
71.19
15"
(92)
PG. 167
177.02
630.05
TO RIGHT
(50)
AVE.
K
(50)
TO LEFT
2+77.02
℄ INT.
FD. S. & W. FL.
ON SEC. LINE
PER TR. #28284
REPLACED SPK.
WITH C.E. MON., 9" DN.
MARKED
SET CAP & WELL
COUNTY ENGINEER
R. E. 5869
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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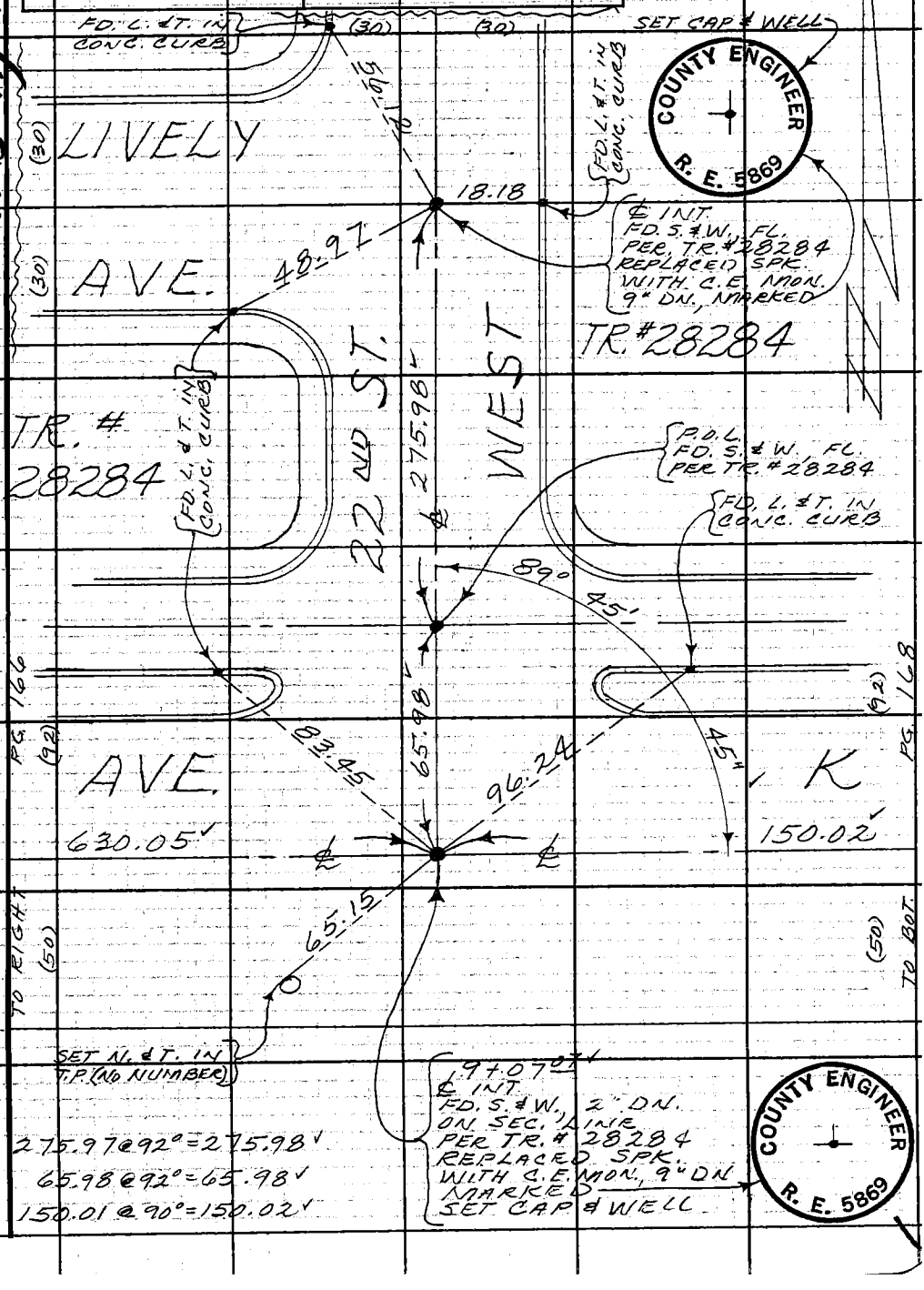
Notes Ck'd by G. D. BAILEY
Map No.
Office Work
Checked
Date

Survey of W.W. DIST. #4-AVE. K
JN 504295 Tape 165 Std 84 °F
Surveyed by MENDONCA
Notes J.M. Date 7-22-70
Indexed C. L. GALLI AUG 10 '70

F. B. 3188 PG. 167
① 89-45-50
④ 359-03-00
⑥ 178-34-30
89-45-45

W.S. 71, D-5



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

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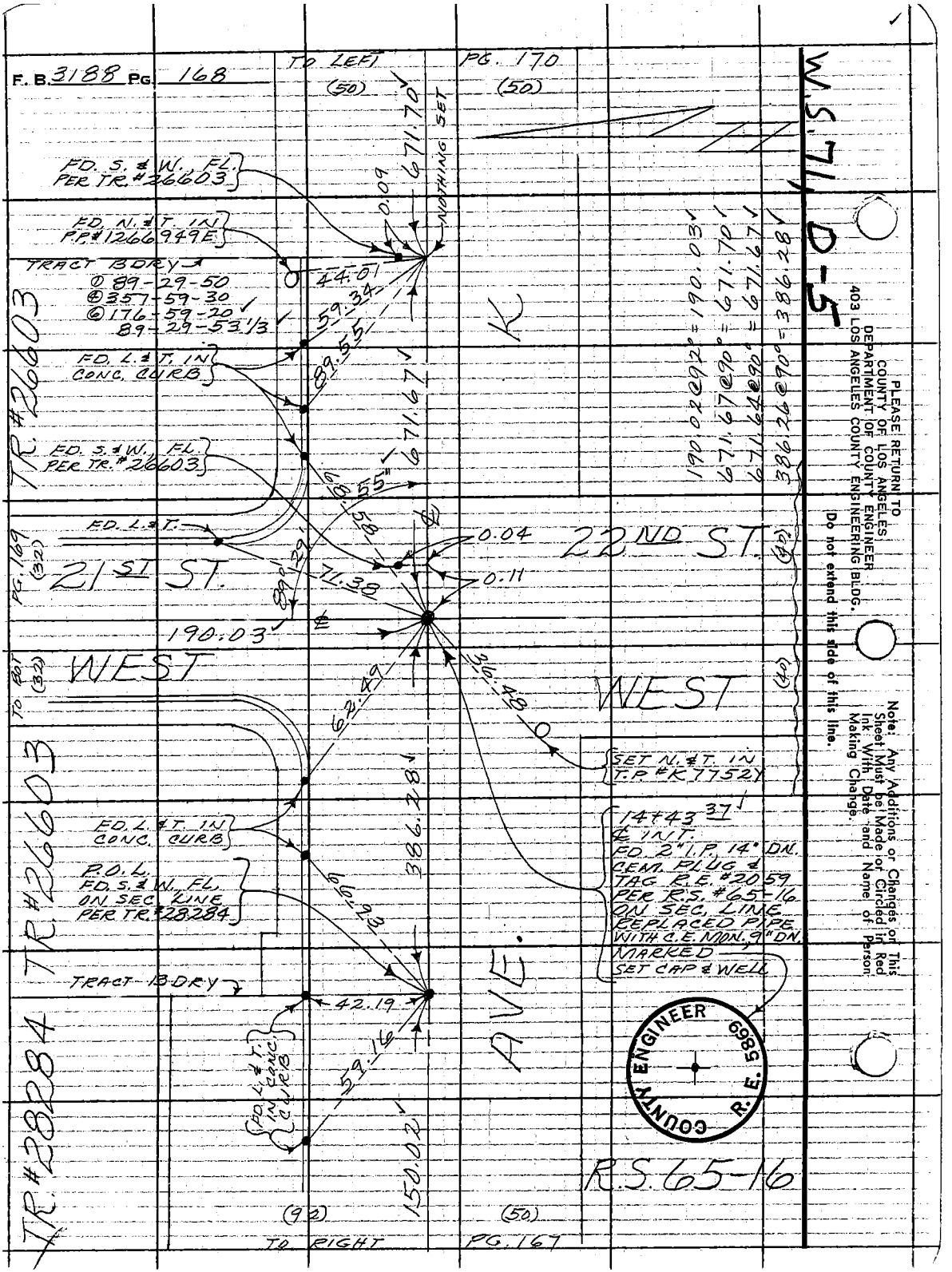
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68


F. B. 3188 PG. 168
TO LEFT
(50)
PG. 170
(50)
W.S. 71, D-5
FD. S. & W., FL. PER TR. #26603
FD. N. & T. IN P.P. #1266949E
TRACT BDRY
① 89-29-50
④ 357-59-30
⑥ 176-59-20
89-29-53 1/3
FD. L. & T. IN CONC. CURB
FD. S. & W., FL. PER TR. #26603
FD. L. & T.
TR. #26603
PG. 169
(32)
21ST ST.
22ND ST.
WEST
WEST
TO BOT
(32)
TR. #26603
TR. #28284
FD. L. & T. IN CONC. CURB
P.O.L. FD. S. & W., FL. ON SEC. LINE PER TR. #28284
TRACT BDRY
FD. L. & T. IN CONC. CURB
AVE.
K
671.70
NOTHING SET
0.09
44.01
59.34
89.55
671.67
68.55
58
0.04
0.11
71.38
89.29
190.03
62.49
36.48
386.28
66.93
42.19
59.16
150.02
190.02@92° = 190.03
671.67@90° = 671.70
671.64@90° = 671.67
386.26@90° = 386.28
SET N. & T. IN T.P. #K7752Y
14+43 37
℄ INT.
FD. 2" I.P. 14" DN.
CEM. PLUG & TAG R.E. #2059 PER R.S. #65-16 ON SEC. LINE REPLACED PIPE WITH C.E. MON. 9" DN. MARKED
SET CAP & WELL
(40)
(40)
(92)
(50)
TO RIGHT
PG. 167
R.S. 65-16
COUNTY ENGINEER R.E. 5869
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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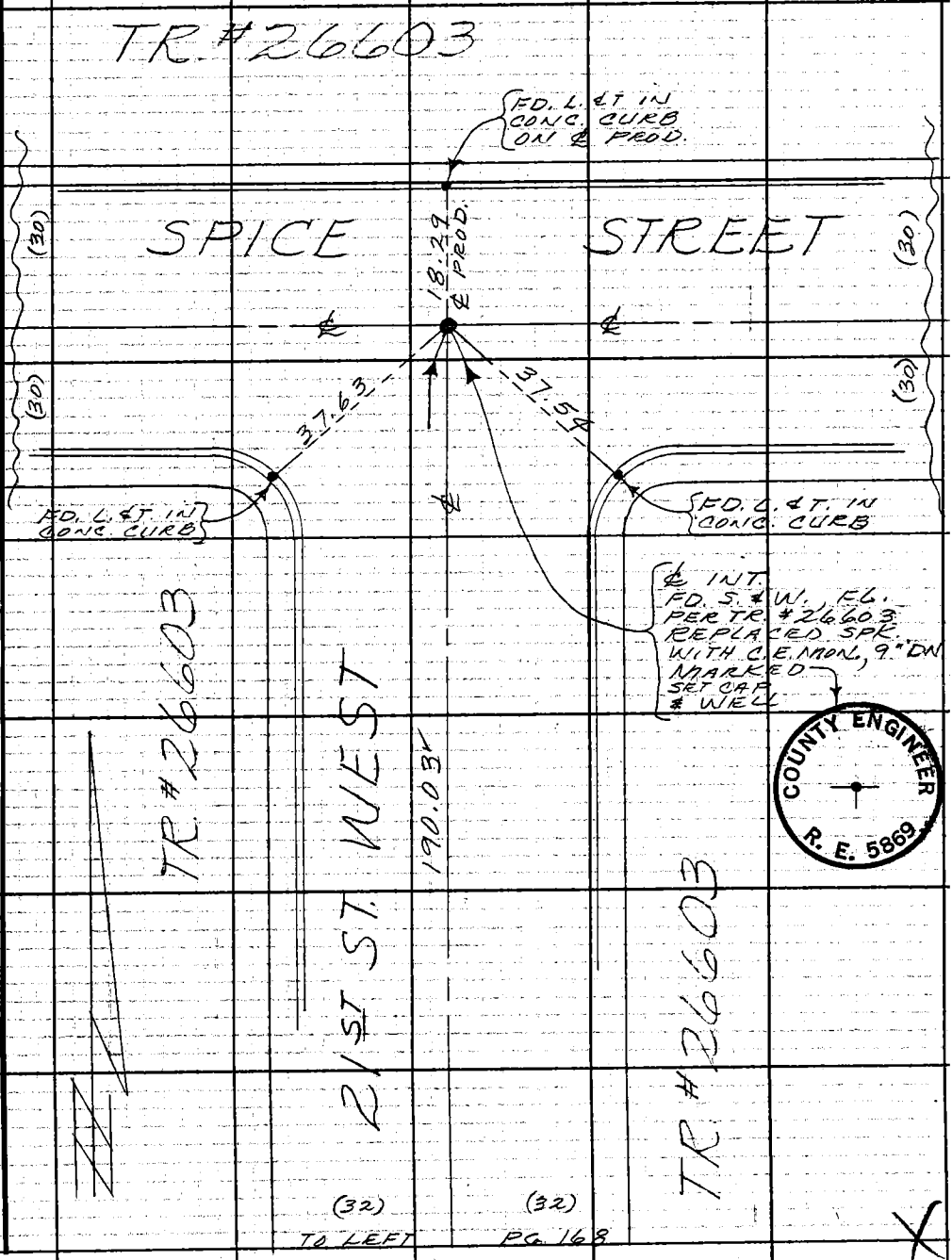
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. D. BAILEY	Survey of W.W. DIST. #4-AVE. K	F. B. 3188 PG. 169
Map No.	JN 504295 Tape 165 Std. 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 7-23-70	
Date	Indexed C. J. GALLI AUG 10 70	



COUNTY ENGINEER R. E. 5869

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

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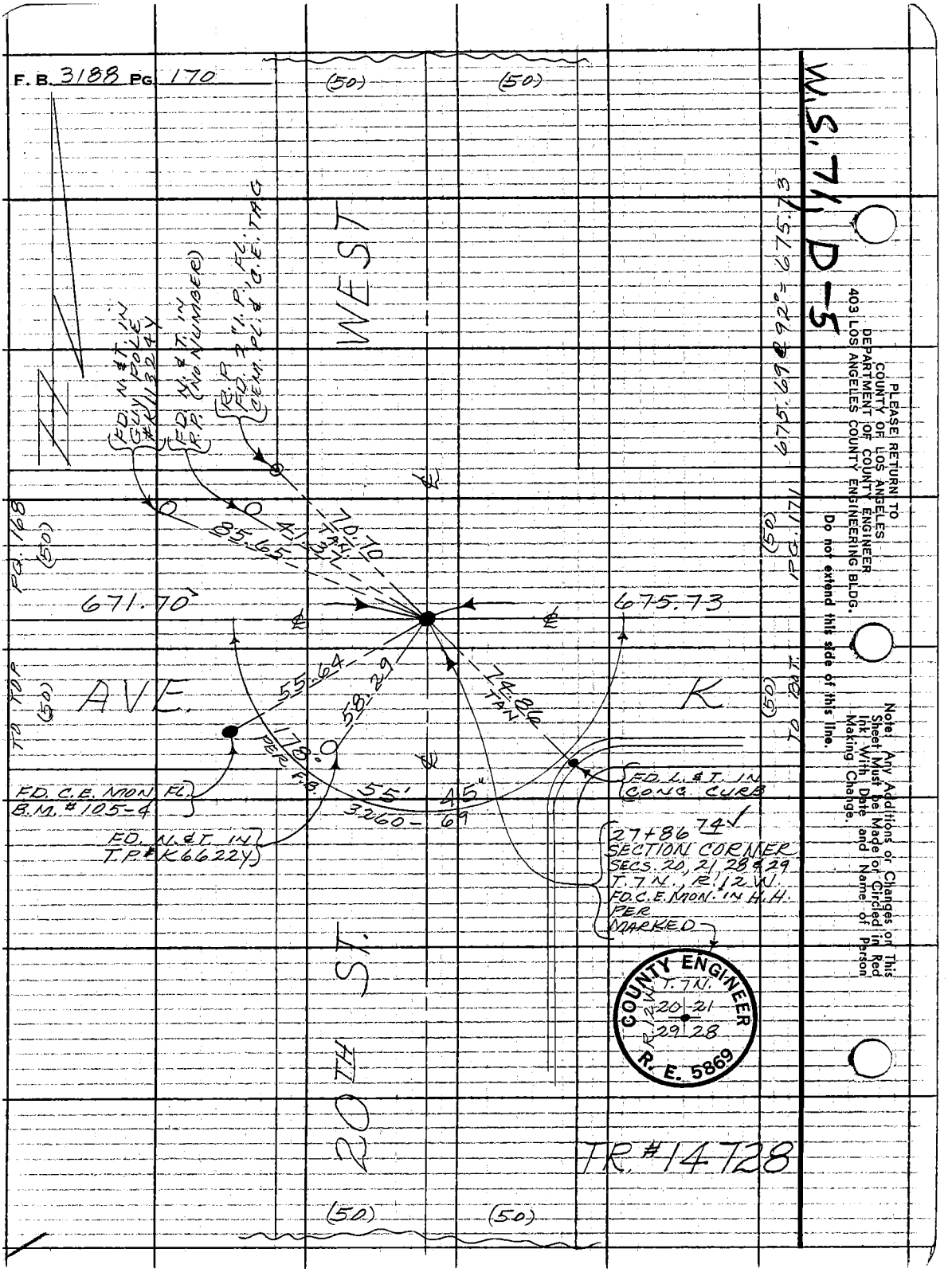
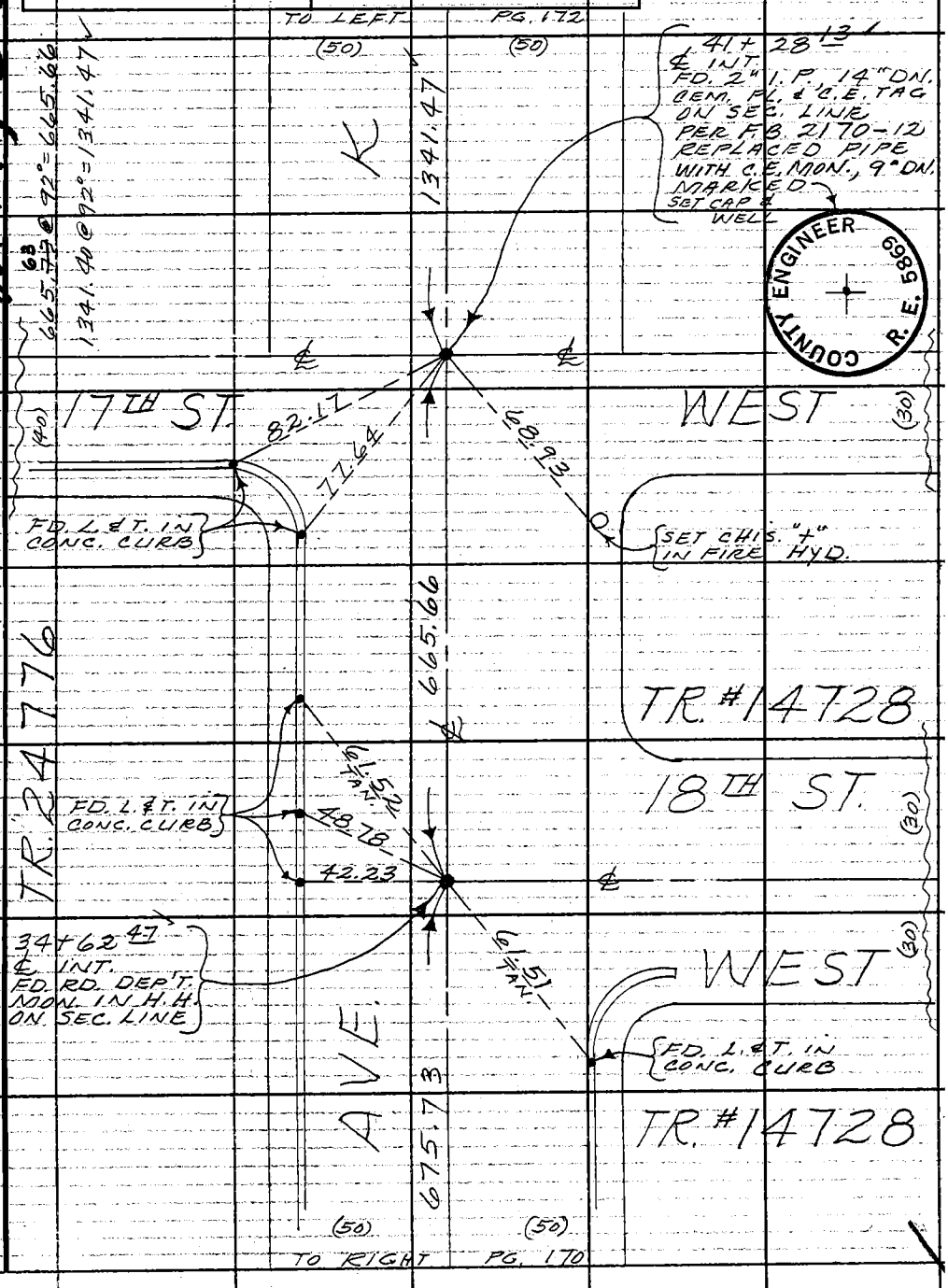
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68


F. B. 3188 PG. 170
(50)
(50)
W.S. 71, D-5
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
WEST
20TH ST.
AVE.
K
PG. 168
(50)
TO TOP
(50)
PG. 171
(50)
TO BOT.
(50)
675.69 @ 92° = 675.73
FD. N. & T. IN GUY POLE #K11324Y
FD. N. & T. IN R.P. (NO NUMBER)
R.P. FD. 2" I.P. FL. CEM. PL. & C.E. TAG
85.65
41.37
70.70 TAN.
671.70
675.73
55.64
58.29
74.86 TAN.
178.0 PER F.B.
55'
45"
3260-69
FD. C.E. MON. FL. B.M. #105-4
FD. N. & T. IN T.P. #K6622Y
FD. L. & T. IN CONC. CURB
27+86 74
SECTION CORNER
SECS. 20, 21, 28 & 29
T. 7 N., R. 12 W.
FD. C.E. MON. IN H.H.
PER
MARKED
COUNTY ENGINEER
R. 12 W.
T. 7 N.
20 21
29 28
R. E. 5869
TR. #14728
(50)
(50)

Notes Ck'd by G. D. BAILEY	Survey of W.W. DIST. #4-AVE. K	F. B. 3188 Pg. 171
Map No.	JN 5042.95 Tape 165 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 7-27-70	
Date	Indexed C. J. GALLI AUG 10 '70	

W.S.71, D-5



COUNTY ENGINEER R. E. 5869

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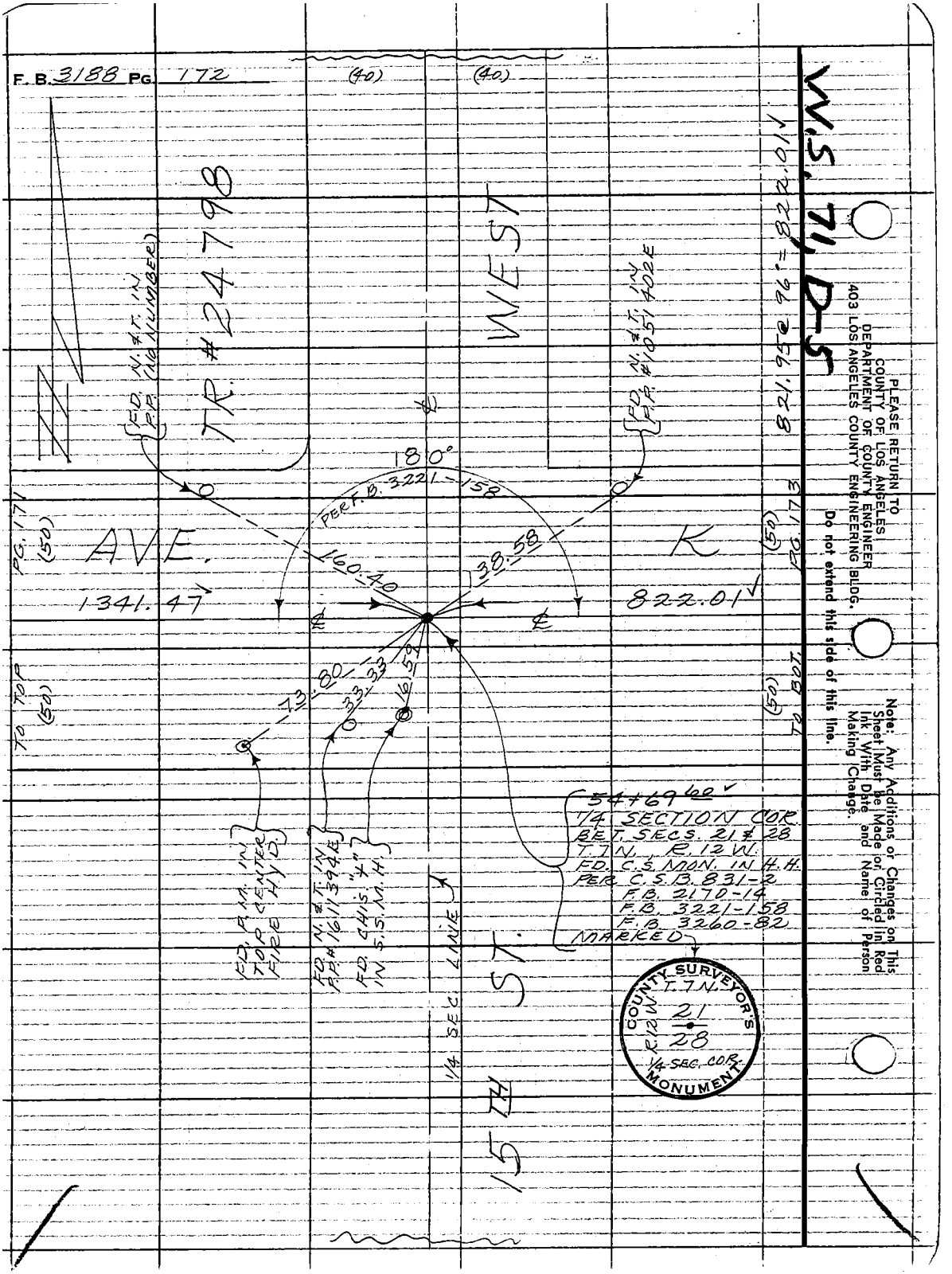
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68


F. B. 3188 PG. 172
(40)
(40)
W.S. 71, D-5
TR. #24798
WEST
FD. N. & T. IN P.P. (NO NUMBER)
FD. N. & T. IN P.P. #1051402E
180°
PER F.B. 3221-158
AVE.
K
PG. 171
(50)
(50)
PG. 173
1341.47
822.01
160.40
138.58
73.80
33.33
16.59
TO TOP
(50)
(50)
TO BOT.
821.95 @ 96° = 822.01
FD. P.M. IN TOP CENTER FIRE HYD.
FD. N. & T. IN P.P. #1611394E
FD. CHIS. "+" IN S.S.M.H.
1/4 SEC. LINE
15TH ST.
54+69.60
1/4 SECTION COR.
BET. SECS. 21 & 28
T. 7 N., R. 12 W.
FD. C.S. MON. IN H.H.
PER C.S.B. 831-2
F.B. 2170-14
F.B. 3221-158
F.B. 3260-82
MARKED
COUNTY SURVEYOR'S MONUMENT
T. 7 N.
R. 12 W.
21
28
1/4 SEC. COR.
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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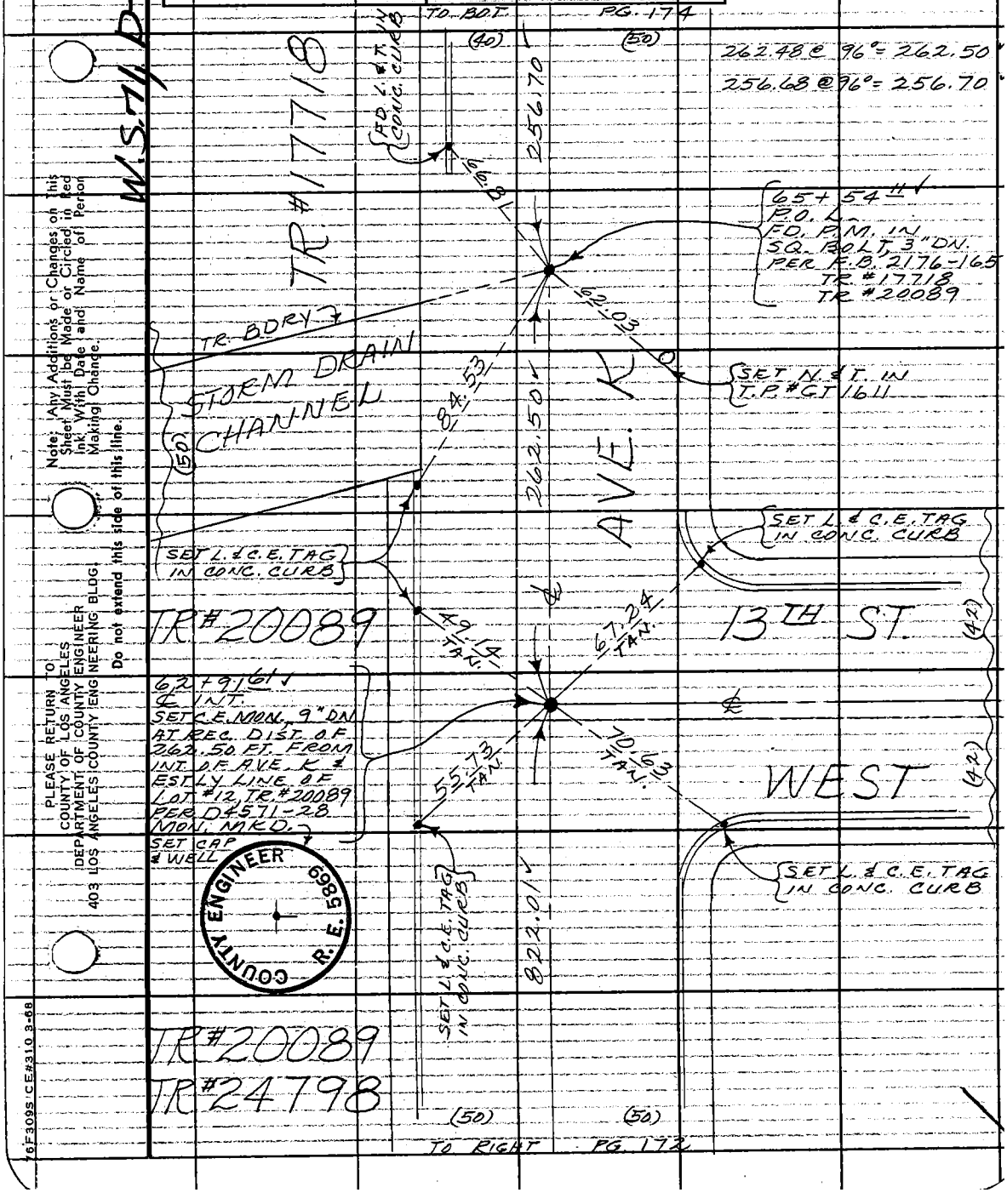
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. D. BATLEY	Survey of W.W. DIST. #4-AVE K	F. B. 3188 PG. 173
Map No.	JN 5042.95 Tape 165 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 8-3-70	
Date	Indexed C. J. GALLI AUG 10 '70	



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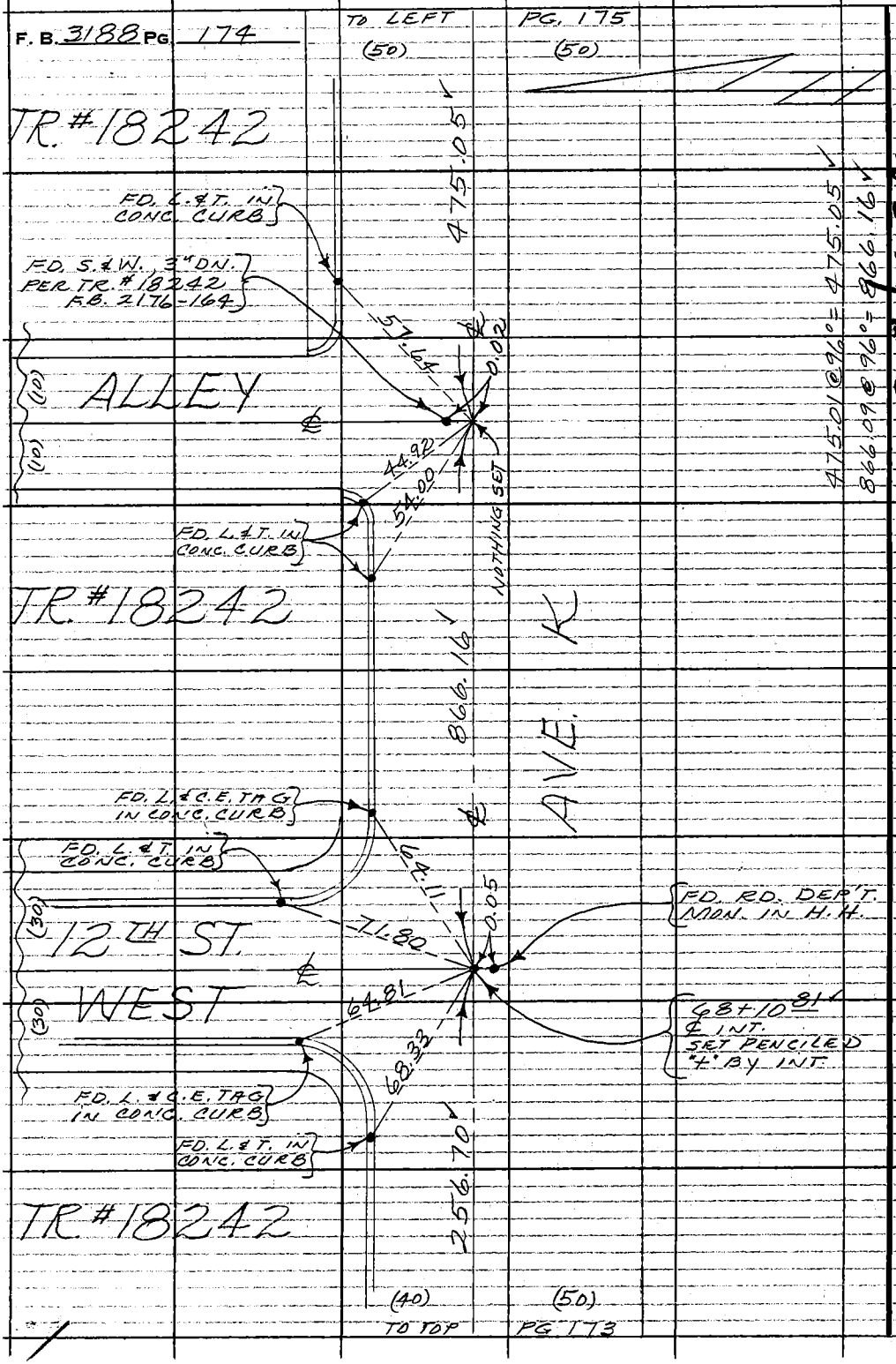
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3188 PG. 174



WS 71, D-5

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

Survey of W.W. DIST. #4 - AVE K
JN 504295 Tape 165 Std 84 °F
Surveyed by MENDONCA
Notes J.M. Date 8-4-70
Indexed C. J. GALEY AUG 10 70

F. B. 3188 PG. 175

W.S. 70, A-5

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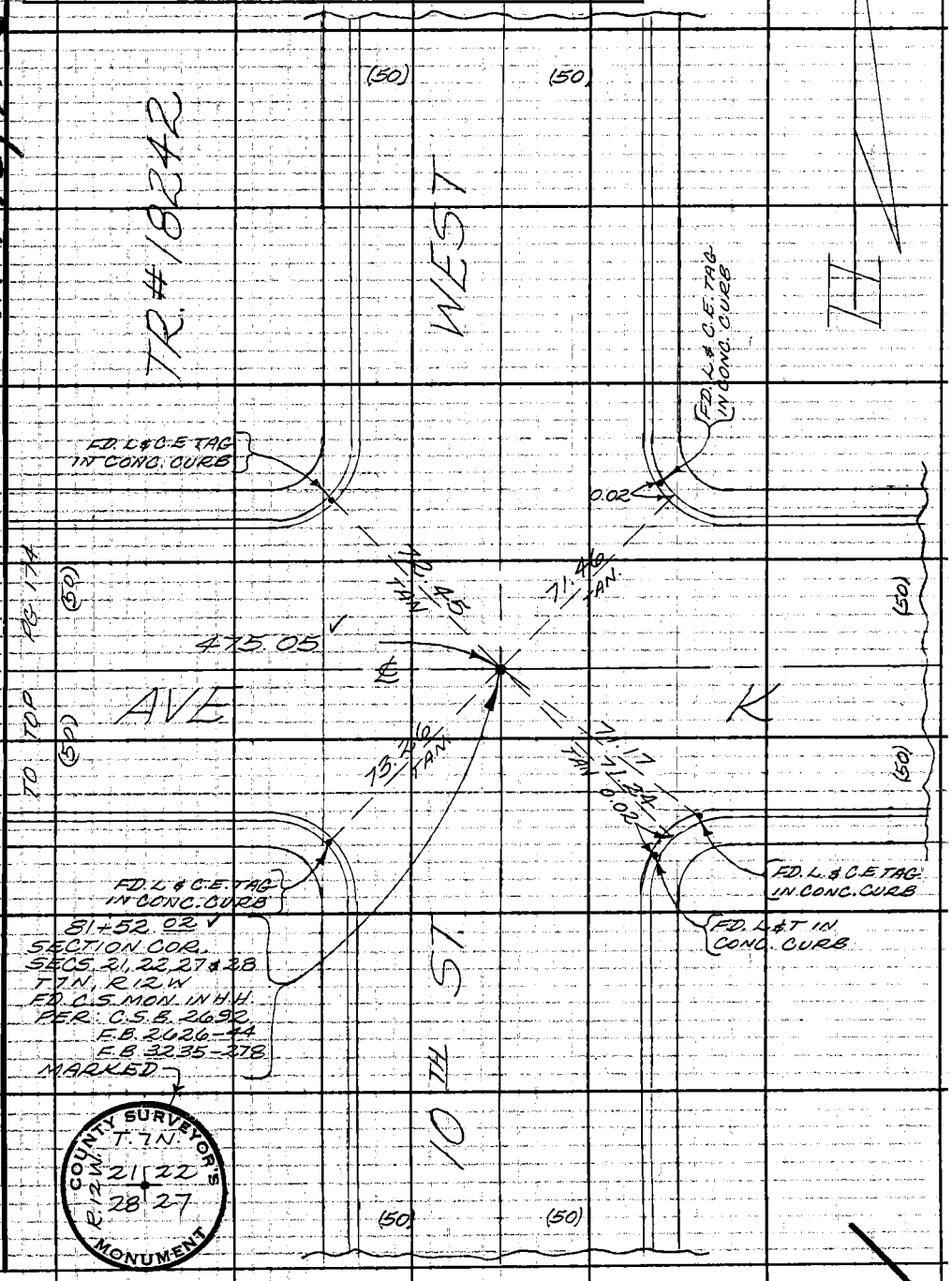
403 LOS ANGELES COUNTY ENGINEERING BLDG.



76F309S CE#310 3-68

Notes Ck'd by G. D. BAILEY	Survey of W.W. DIST. #4-AVE. K
Map No.	JN 5042.95 Tape 165 Std. 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.N. Date 7-27-70
Date	Indexed C. J. GALLI AUG 10 '70

F. B. 3188 PG. 177

J.N. 5042.95

WATERWORKS DIST. #4

LOCATION OF IMPROVEMENTS ON AVE. K

FROM: 25TH ST. W.
TO: 10TH ST. W.

MENDONCA
ALBRIGHT
RITTER
RIECKHOFF
MITCHELL

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

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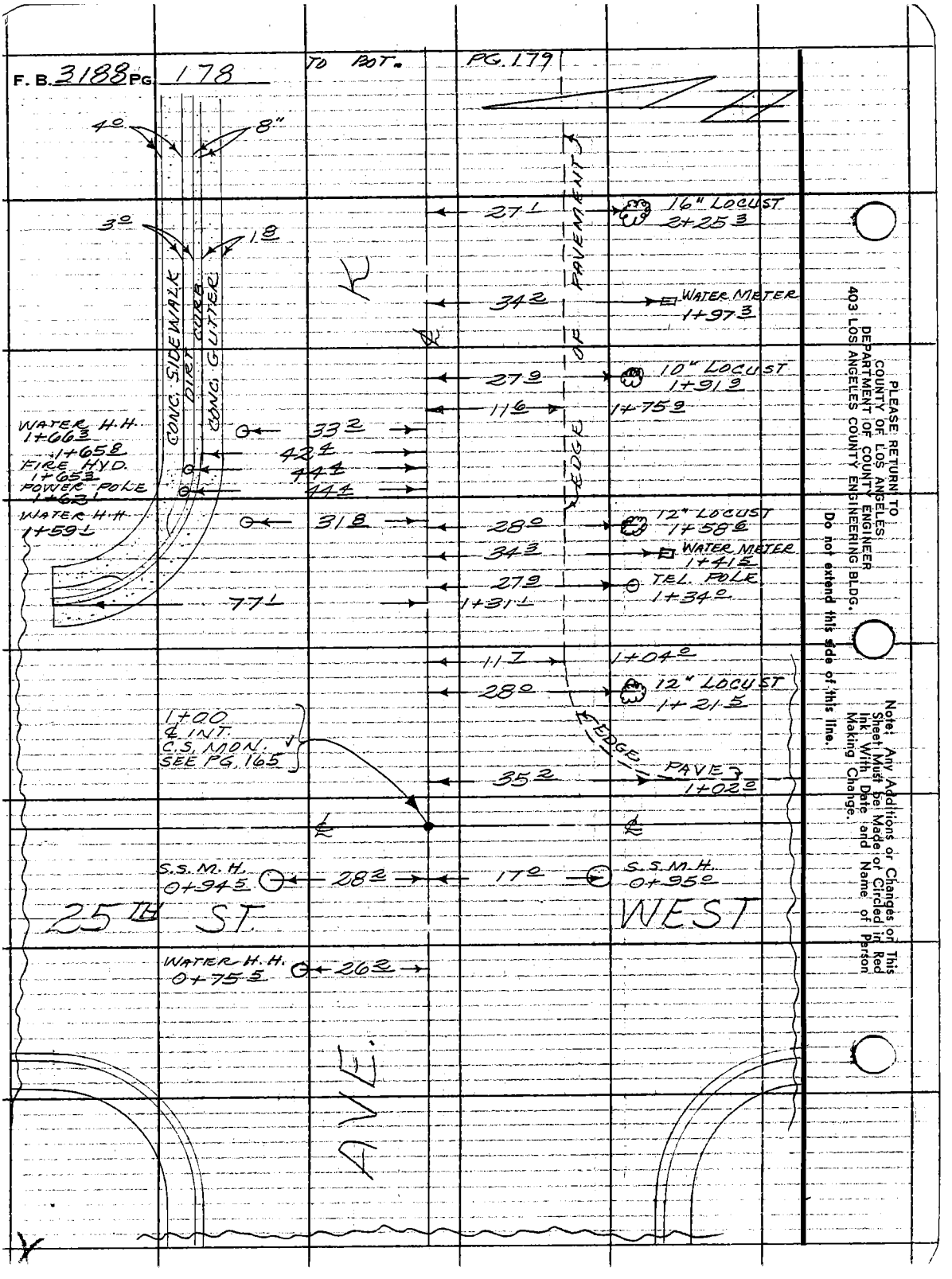
76F309S CE#310 3-68

X



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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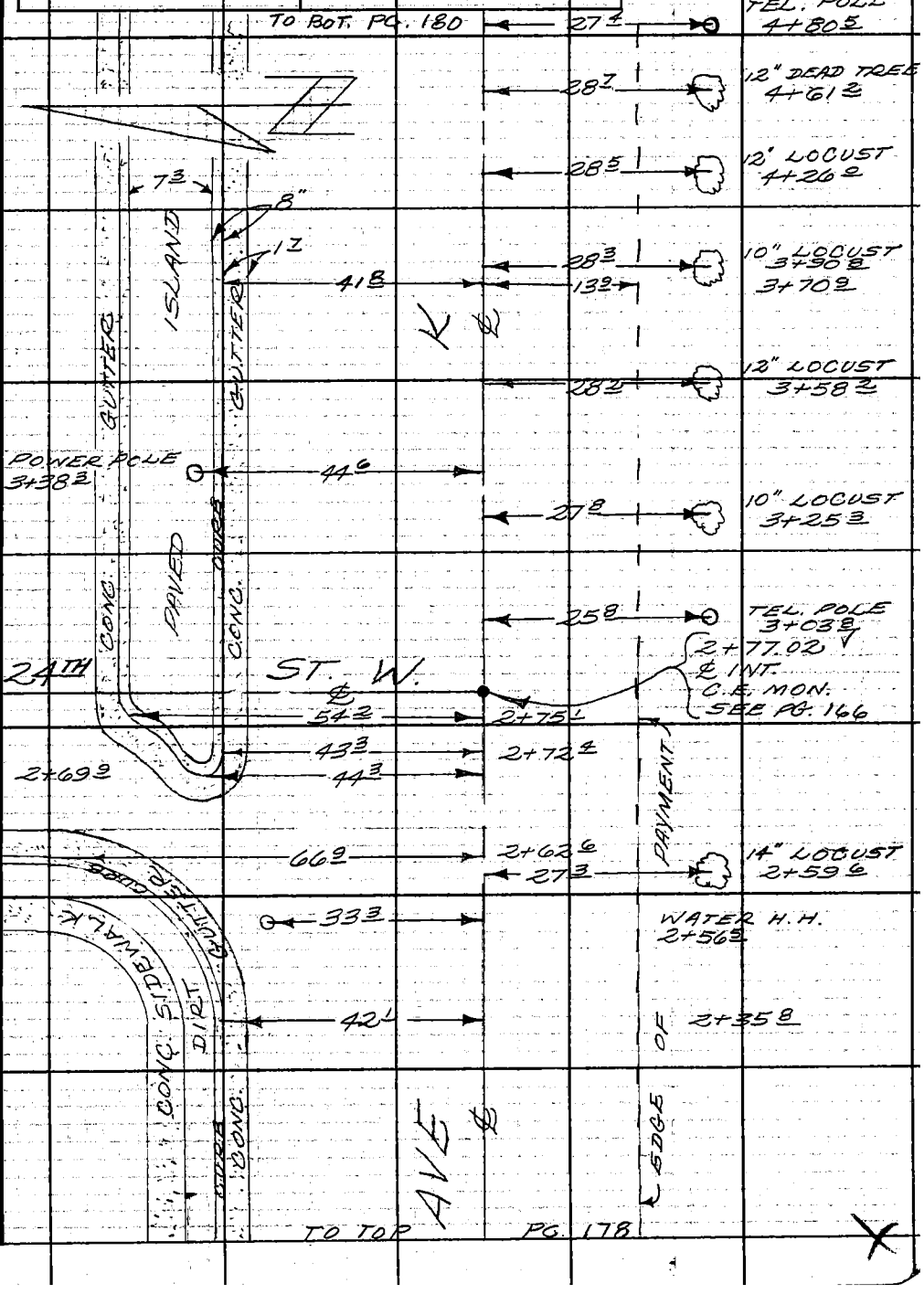
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of W.W. DIST. #4 - RIVER
JN 5042.95 Tape 165 Std 84 °F
Surveyed by MENDONCA
Notes J.M. Date 7-27-70
Indexed C.L. GALLT AUG 10 70

F. B. 3188 PG. 179



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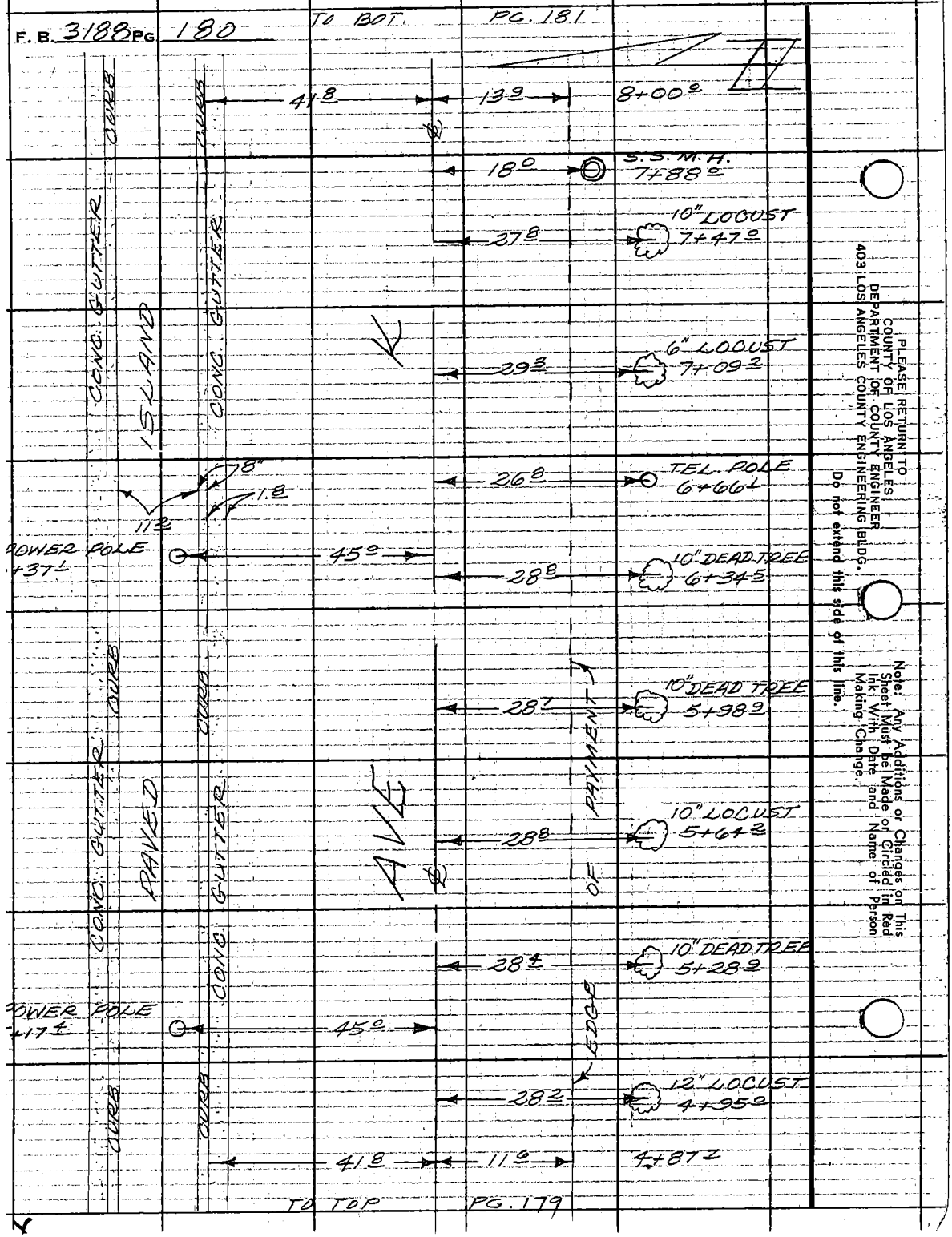
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3188 PG 180

TO BOT. PG. 181



TO TOP PG. 179

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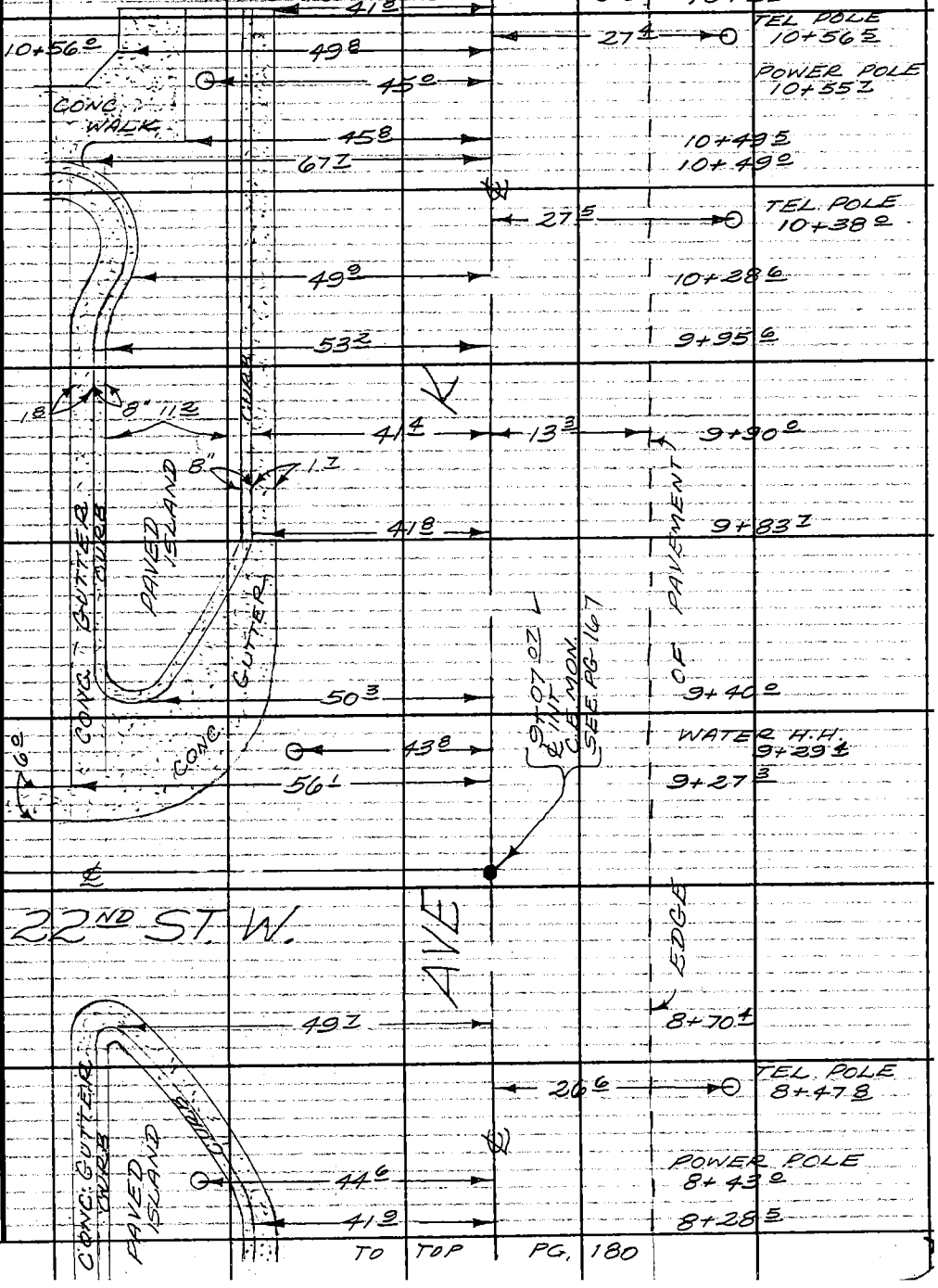
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of W.W. DIST. #4 AVE. K
JN 5042.95 Tape 165 Std 84° F
Surveyed by MENDONCA
Notes J.M. Date 7-27-70
Indexed C.J. GALLI AUG 10 70

F. B. 3188 PG. 181



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PLEASE RETURN TO
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DEPARTMENT OF COUNTY ENGINEER
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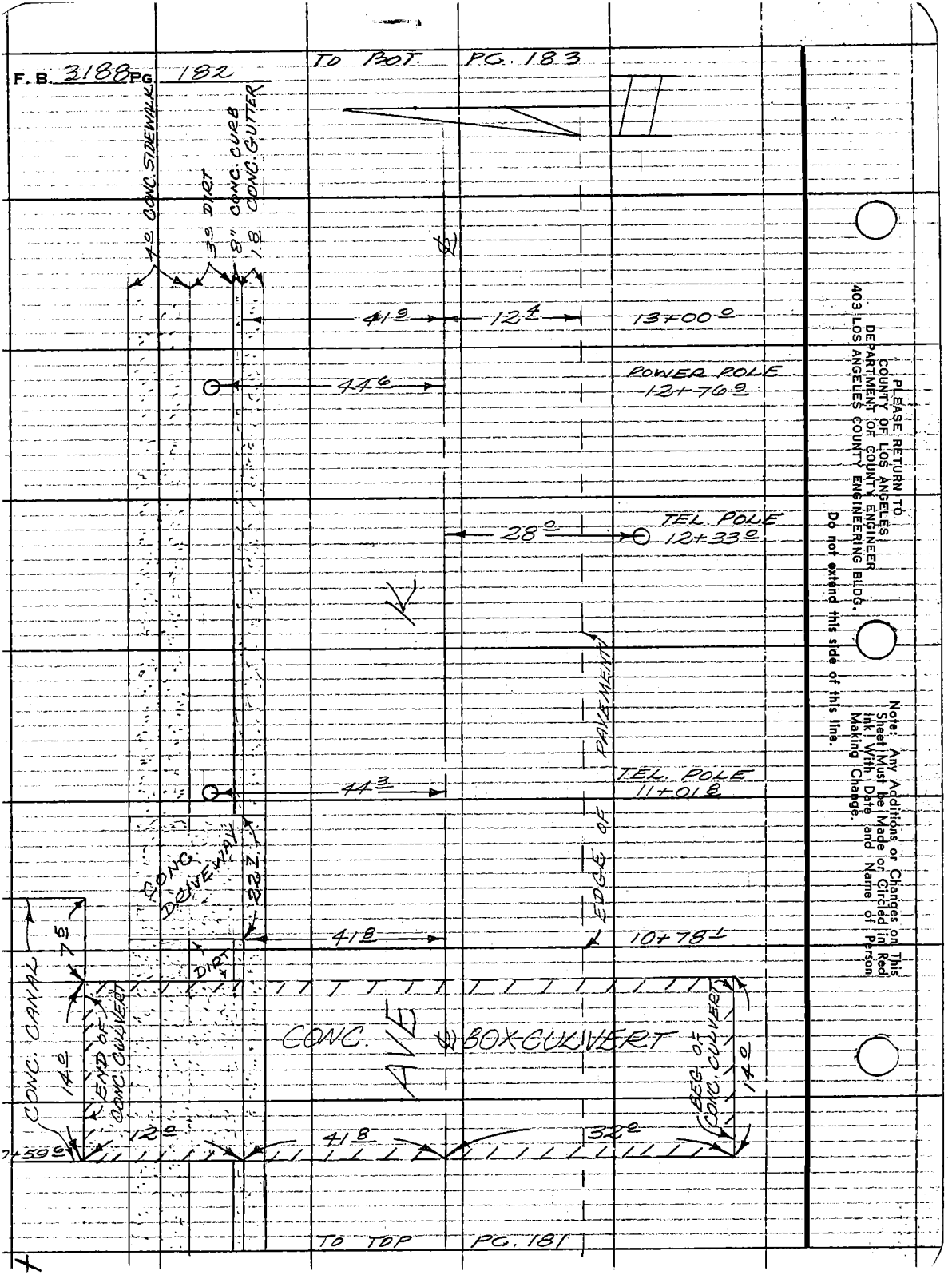
16F309S CE#310 3-68

F. B. 3188 PG. 182

TO BOT. PG. 183



TO TOP PG. 181

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

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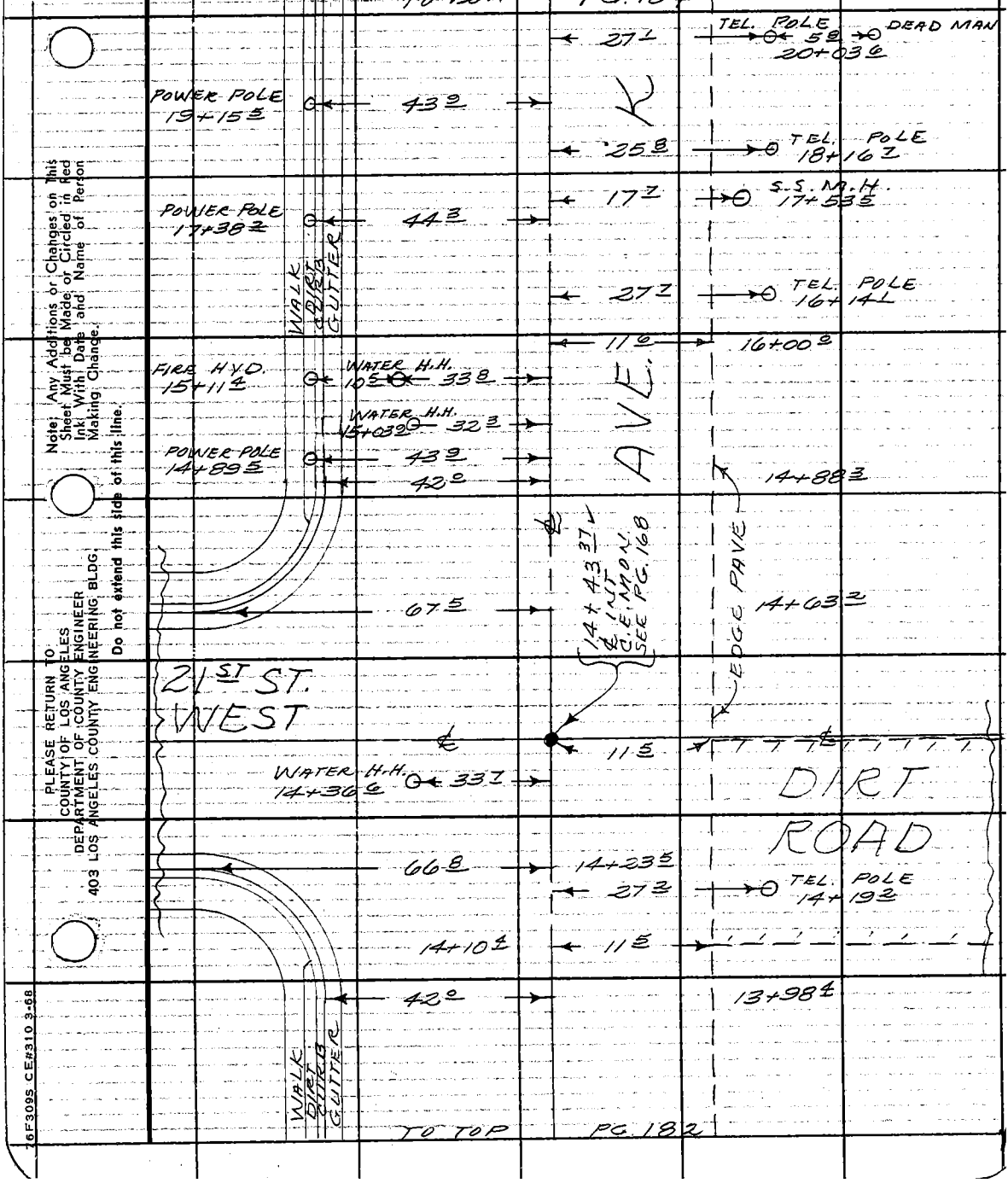
Do not extend this side of this line.

Notes Ck'd by	Survey of W.W. DIST. #4 AVE. K	F. B. 3188 PG. 183
Map No.	JN 5042.95 Tape 165 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M Date 7-28-70	
Date	Indexed C. J. GALLI AUG 10 [illegible]	



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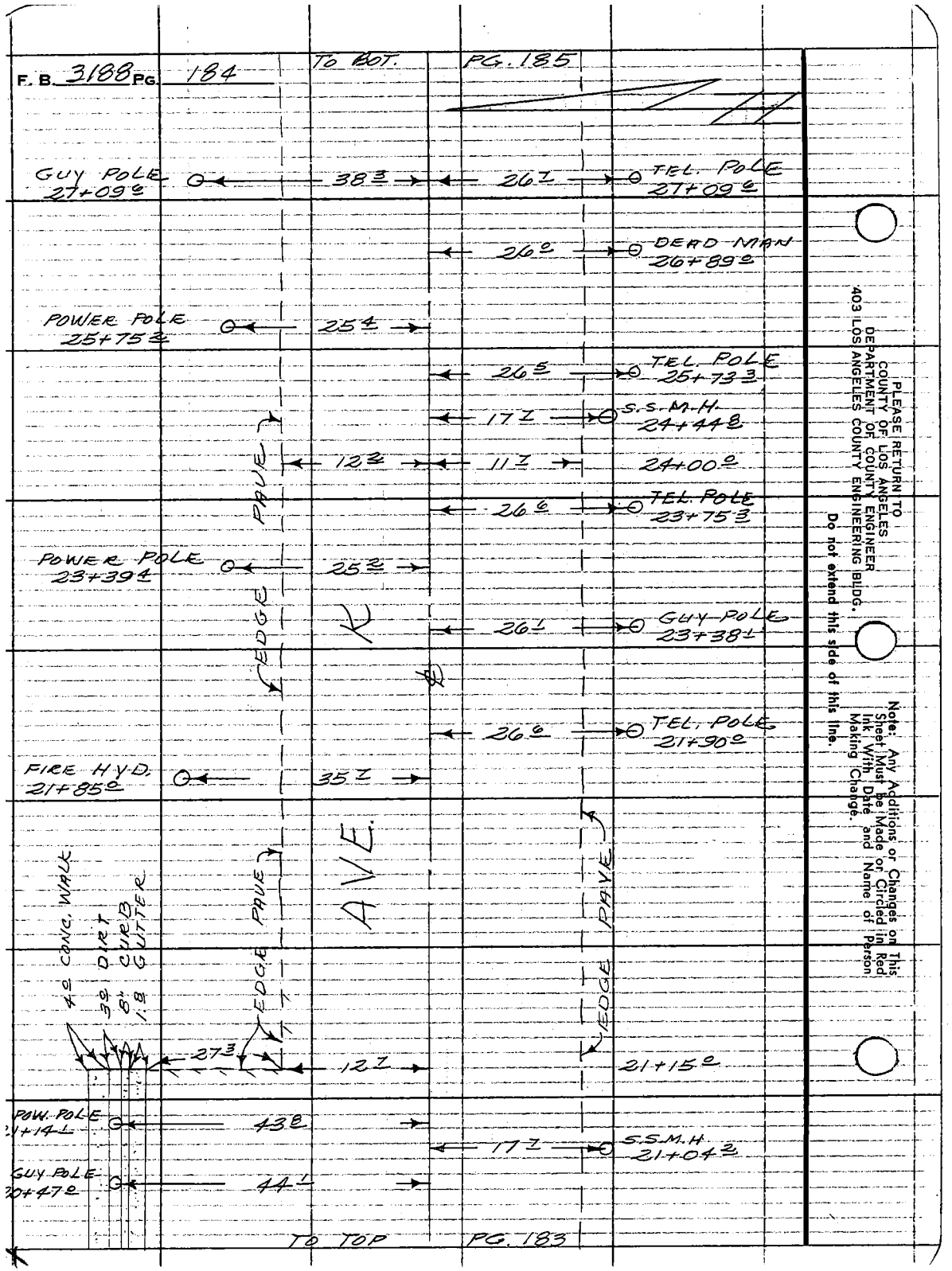
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3188 PG. 184

TO BOT. PG. 185



TO TOP PG. 183

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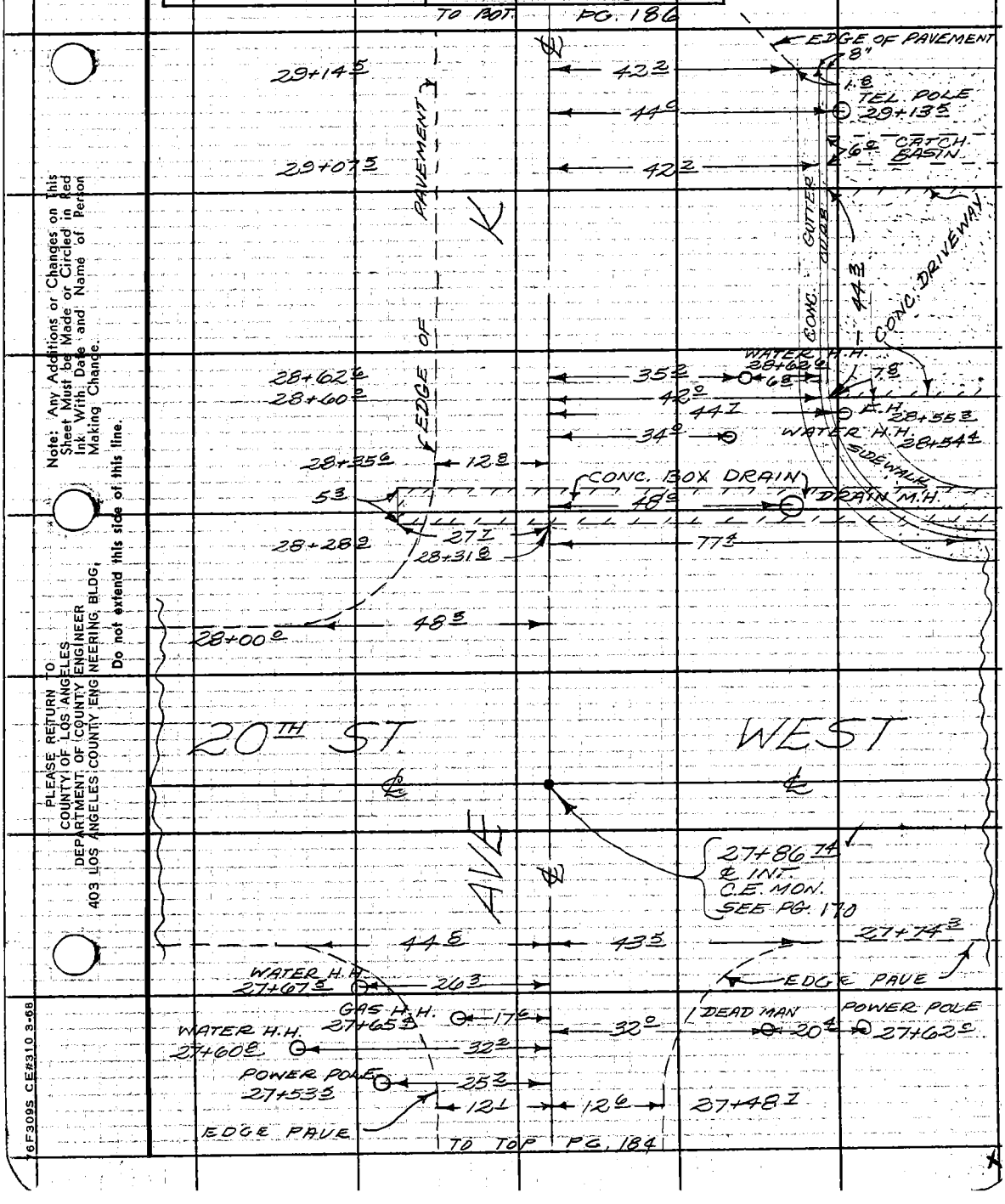
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of W.W. DIST. #4-AVE K	F. B. 3188 PG. 185
Map No.	JN 504295 Tape 165 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 7-28-70	
Date	Indexed G. U. GALLI AUG 10 '70	



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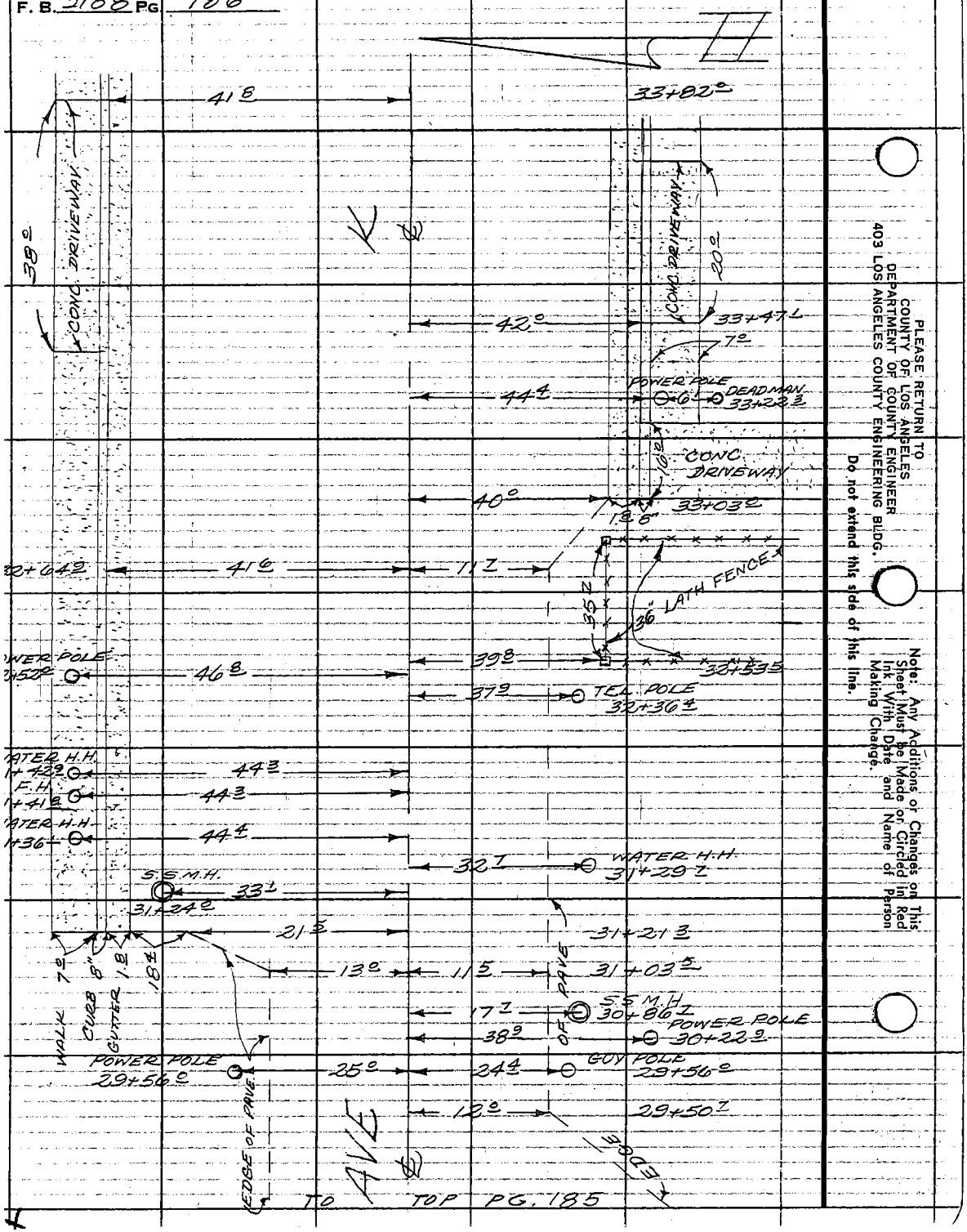
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3188 PG 186

TO BOT. PG. 187



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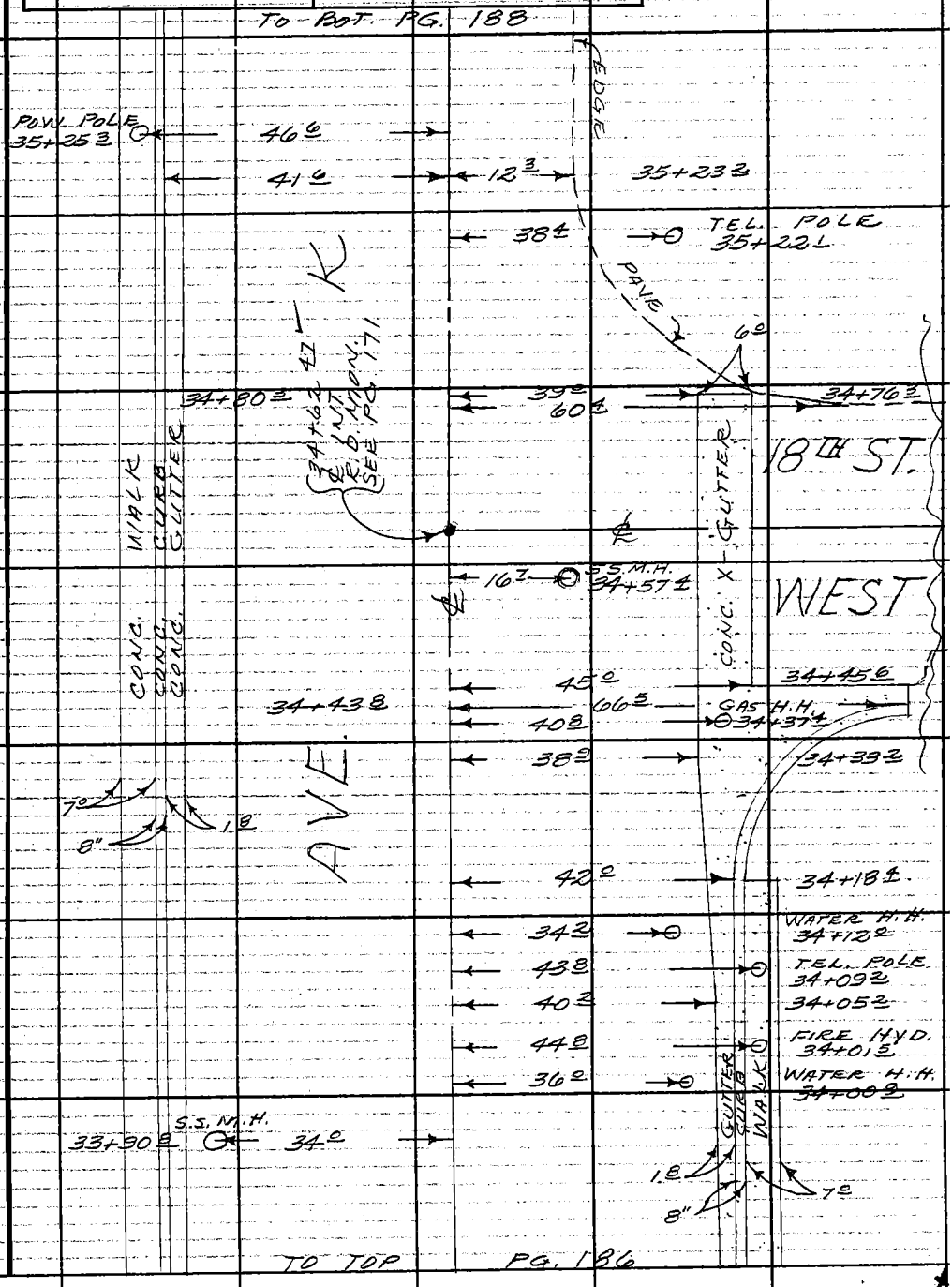
Notes Ck'd by	Survey of W.W. DIST. #4 AVE K	F.B. 3188 PG. 187
Map No.	JN 5042.95 Tape 165 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 7-28-70	
Date	Indexed C.L. GALLI AUG 10 '70	



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

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DEPARTMENT OF COUNTY ENGINEER
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76F3095 CE#310 3-68

F. B. 3188 PG. 188

TO POT. PG. 189

46.0 — DEAD MAN 39+30.8

44.5 — TEL. POLE 39+04.2

36.0' CONC. DRIVEWAY 38+33.4 — 41.7

PAVE EDGE

WATER H.H. 38+20.2 — 44.0

FIRE HYD. 38+19.1 — 44.0

WATER H.H. 38+13.8 — 43.8

37.2 — TEL. POLE 37+95.5

37+94.2 — 40.2 — 40' ORNAMENTAL WIRE FENCE

POWL POLE 37+92.7 — 46.0

18.2 — S.S.M.H. 37+87.0

37+53.2 — 40.2

37+48.5 — 41.9 — 11.6 — DIRT DRIVE

7.0 — 8" — 1.8

37+29.2 — 40.2 — DIRT DRIVE 12.2 — 4' WOOD FENCE — ORNAMENTAL BORDER

36+99.5 — 40.1

S.S.M.H. 36+90.1 — 33.2 — DIRT DRIVE

36+87.7 — 40.2 — 3' WOOD FENCE

9.0 — CONC. DRIVE

36+76.9 — 41.6

36+71.9 — 40.2 — 3' CONC. WALK

36+68.8 — 40.2

PICKET FENCE — CONC. BLOCK WALL

WALK — CONC. — CONC. GUTTER — CONC.

TEL. POLE 36+33.8 — 37.2 — 36+33.8 — 2.4

TO TOP PG. 187

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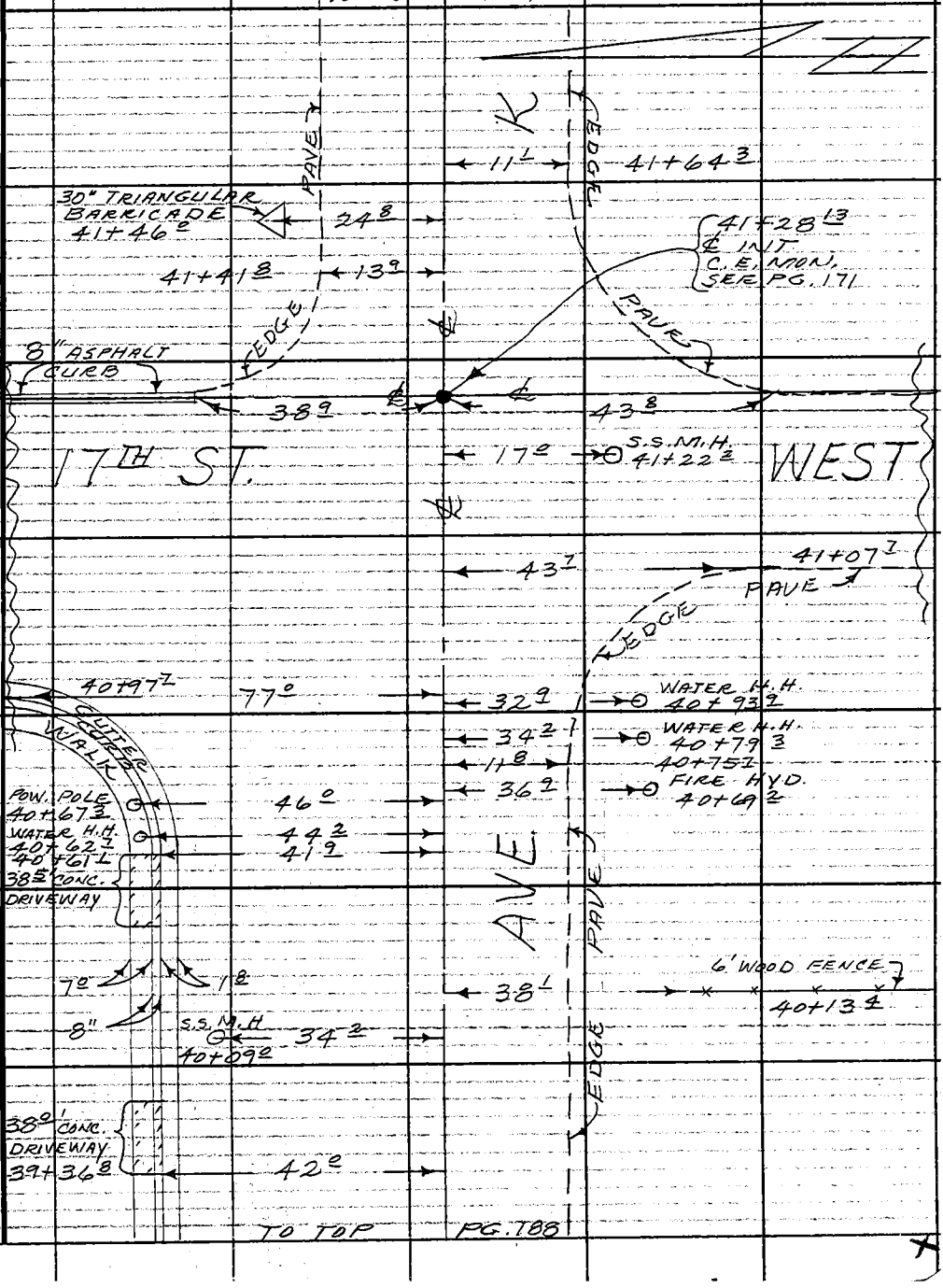
Notes Ck'd by	Survey of W.W. DIST. #4 - AVE. K
Map No.	JN 5042.95 Tape 165 Std 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 7-30-70
Date	Indexed C.L. GAPE AUG 10 '70

F. B. 3188 PG. 189



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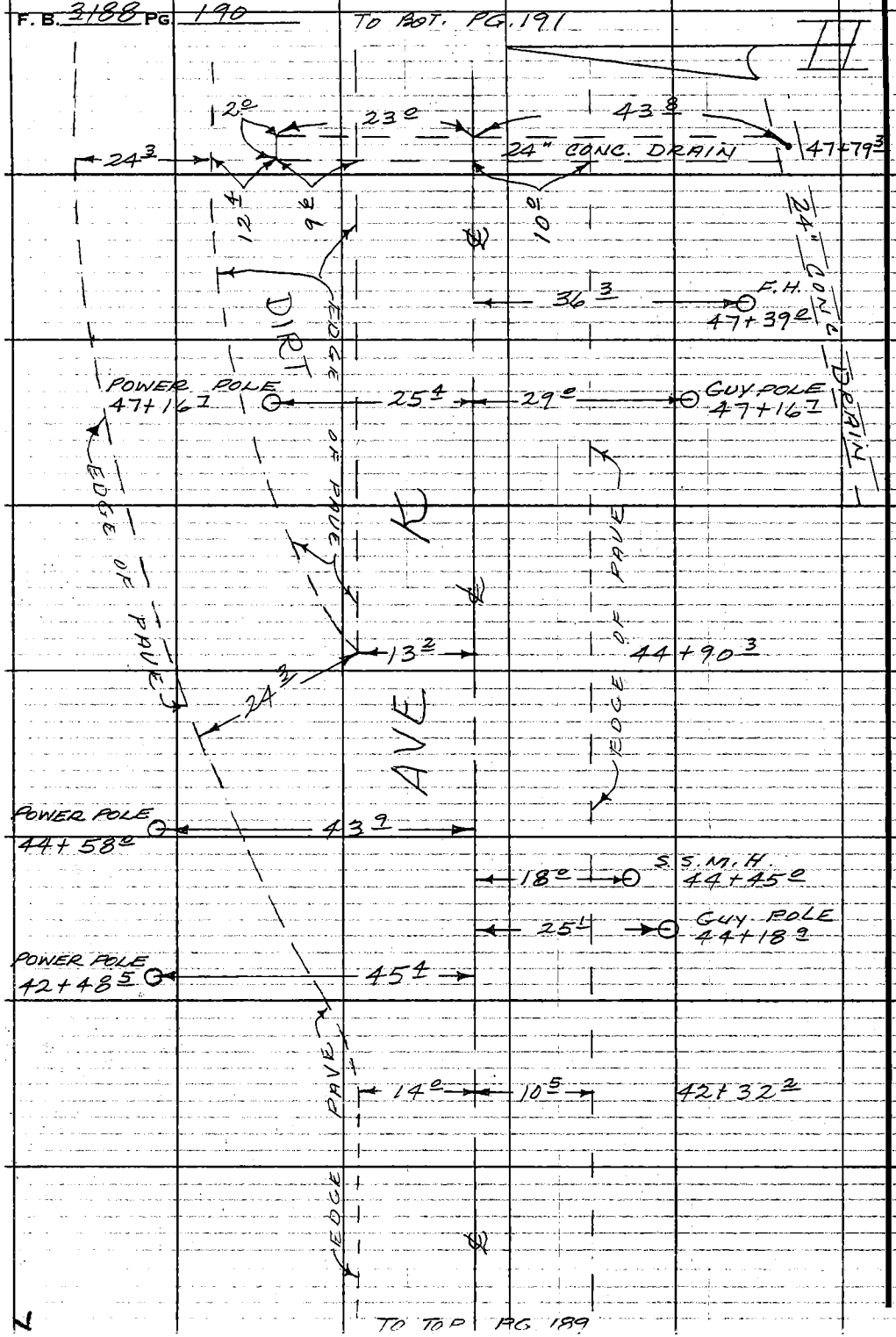
PLEASE RETURN TO COUNTY OF LOS ANGELES DEPARTMENT OF COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3188 PG 190

TO BOT. PG. 191



TO TOP PG 189

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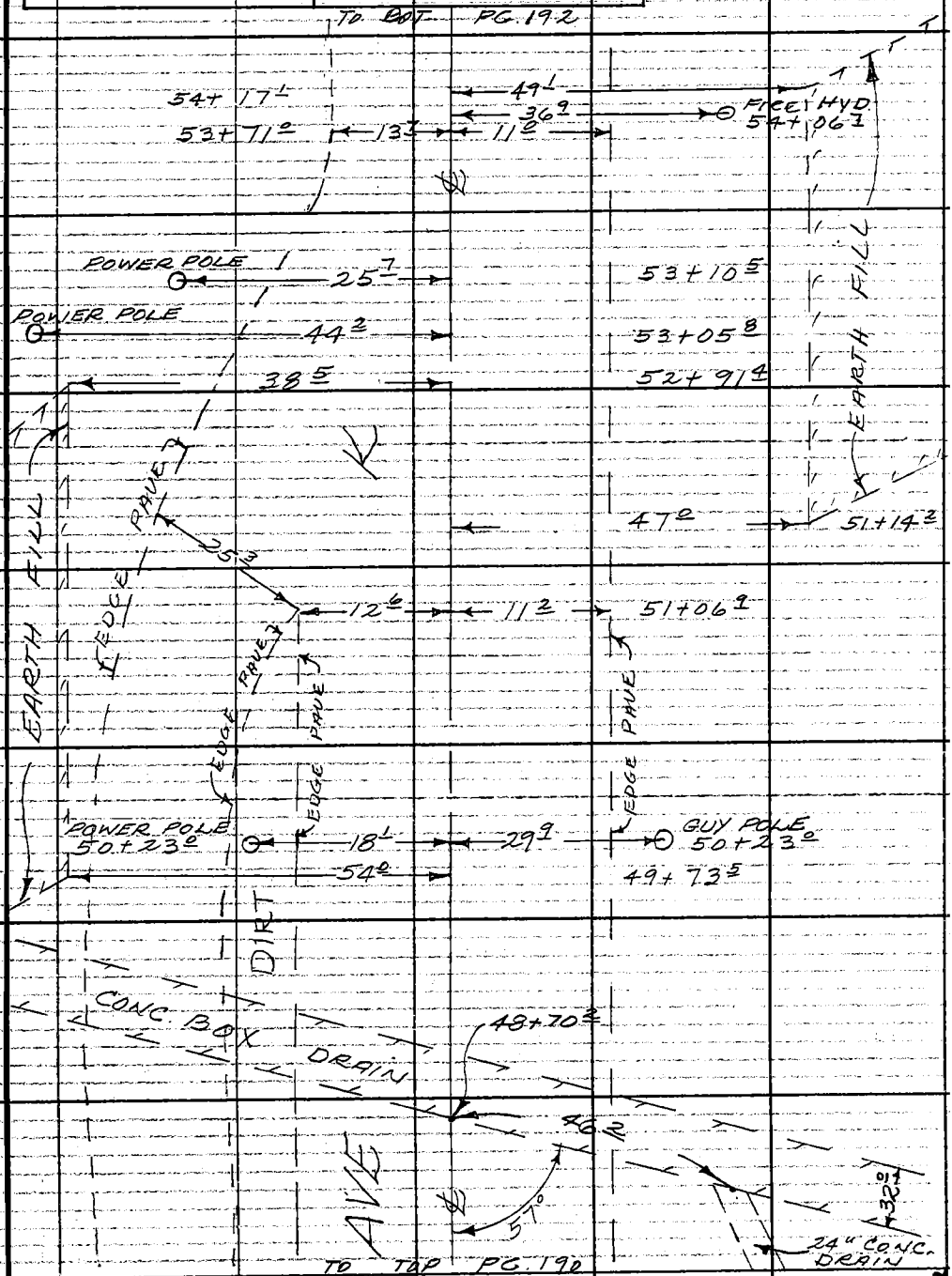
Notes Ck'd by	Survey of W.W. DIST. #4-AVE. K	F. B. 3188 Pg. 191
Map. No.	JN 5042.95 Tape 165 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 7-30-70	
Date	Indexed C. L. GALLI AUG 10 '70	



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

F. B. 3188 PG 192

TO BOT. PG. 193

WATER H.H. 59+43.8 — 33.7

35.8 — WATER H.H. 59+53.0

F.H. 59+43.0 — 43.9

59+30.0 — 41.4 — 42.3

POWER POLE 59+29.6 — 43.5

CONC. WALK 7.5 — 39.6 — 59+27.9

CONC. CURB 8" — 59+21.4 — 40.5

CONC. GUTTER 1.8 — 13.8 — 59+18.8

59+12.9 — 11.9

POWER POLE 57+81.0 — 44.2

POWER POLE 56+26.0 — 44.4

POWER POLE 56+06.2 — 25.4

CONC. GUTTER 1.8
CONC. CURB 8"
CONC. WALK 7.5

55+36.9 — 12.7 — 12.6

EDGE PAVE

EDGE PAVE — 63.4 — 54+83.3

EDGE PAVE

15TH ST. WEST

54+69.60
℄ INT.
C.S. MON.
SEE PG. 172

℄

S.S.M.H.

54+65.5 — 17.0

54+58.2 — 62.2

GUY POLE 54+49.7 — 26.8

EDGE PAVE

54+41.5 — 42.2 — 24.0

10" STEEL PIPE CULVERT

WATER H.H. 54+34.2 — 28.6

54+17.6 — 13.8

TO TOP PG. 191

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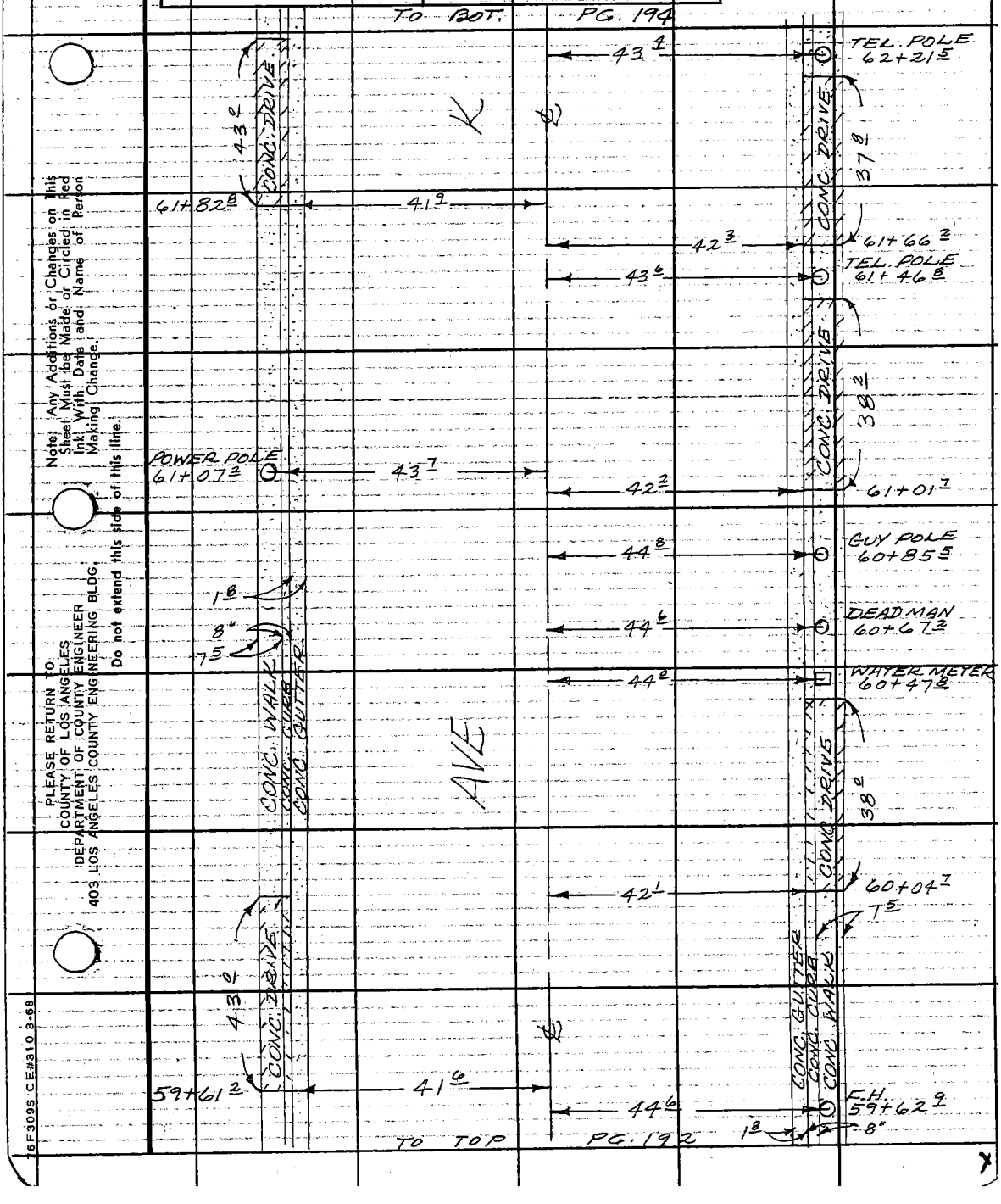
Notes Ck'd by	Survey of W.W. DIST. #4-AVE. K	F. B. 3188 PG. 193
Map No.	JN 5042.95 Tape 165 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 7-31-70	
Date	Indexed C. J. GALLI AUG 10 '70	



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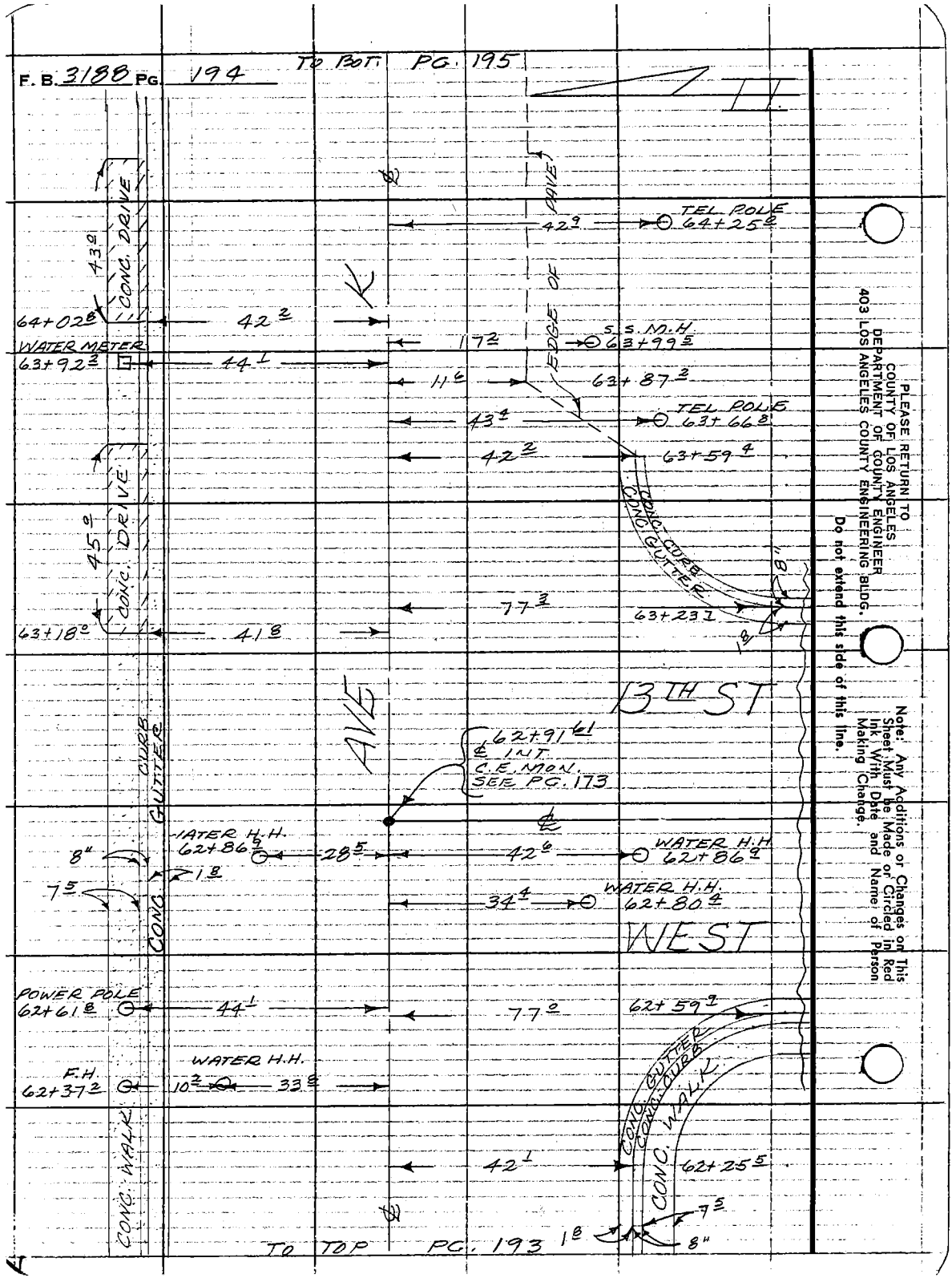
76F309S CE#310 3-68

F. B. 3188 PG. 194

TO BOT. PG. 195



TO TOP PG. 193

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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Notes Ck'd by
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Office Work
Checked
Date

Survey of W.W. DIST. #4-AVE. K.
JN 5042.95 Tape 165 Std 84 °F
Surveyed by MENDONCA
Notes J.M. Date 8-3-70
Indexed C.J. GALL AUG 10 70

F.B. 3188 PG. 195

TO BOT. PG. 196

WATER METER 66+83.2 — 31.9
8" — 18
43.5
TEL. POLE 6.2 — DEADMAN 66+68.2
POW. POLE 66+59.3 — 33.3
12" ELM 66+54.3 — 33.1
WATER METER 66+23.4 — 32.3
CONC. CURB & CONC. GUTTER
4" JUNIPER 66+19.4 — 31.8
~~4" JUNIPER~~ 66+12.1 — 31.7
BEG. CURB & GUTTER 66+10.5 — 30.9
12" ELM 66+01.7 — 34.3
EDGE PAVE
K
AVE.
EDGE PAVE
WATER METER 65+73.2 — 32.7
36" CONC. WALK — 30.5
65+64.4
EDGE PAVE
SAND BAG HEADWALL
SAND BAG WALL
14" ELM 65+42.2 — 36.8
65+46.2 — 26.1
WATER H.H. 65+36.2 — 65+41.8 — 28.0
31.7
IRON CULVERT
IRON CULVERT
CONC. 42" CORR.
42" CORR.
APRON
4.7
10.5
4.5
8.5
6.0
3.1
13
SAND BAG WALL
4.5
CONC. STORM CHANNEL
48.6
28.0
14.5
65+15.1
65+06.6
43.5
TEL. POLE 65+09.2
28.0
40.2
64+93.3
64+87.2
17.5
S.S. M.H. 64+84.2
POW. POLE 64+59.1 — 44.8
FIRE HYD. 64+53.6 — 10.2 — WATER H.H. — 34.0
7.5
1.8
8"
TO TOP PG. 194

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

X

F. B. 3188 PG. 196

TO BOT.

PG. 197

SPOT LIGHT 69+61.5 — 32.9

20" PALM 69+20.4 — 35.7

SPOT LIGHT 69+19.7 — 33.4 — 45.8 — TEL. M.H. 69+19.1

44.1 CONC. DRIVE

68+70.9 — 29.8

EDGE PAVE

POW. POLE 68+66.7 — 33.2

68+65.5 — 29.7 — 11.5

WATER H.H. 68+63.1 — 31.2

GAS VALVE 68+45.2 — 38.2

CONC. GUTTER

8"

68+28.0 — 64.9 — 43.3 — TEL. POLE DEAD MAN 8.0 68+29.7

1.8

12TH ST.

68+10.81 ℄ INT. R.D. MON. SEE PG. 174

S.S.M.H. 68+15.5 — 24.4

℄

44.0 — DEAD MAN 68+09.8

16.5 — S.S.M.H. 68+06.1

WEST

AVE.

1.8

67+92.6 — 65.4

8"

GUTTER CURB

EDGE PAVE

WATER METER 67+58.0 — 32.1

67+54.2 — 30.2

WATER VALVE 67+47.7 — 31.9

FIRE HYD. 67+46.5 — 32.1

TO TOP

PG. 195

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

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

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

Survey of W.W. DIST. #4 - AVE. K
JN 5042.95 Tape 165 Std 84 °F
Surveyed by MENDONCA
Notes J.M. Date 8-3-70
Indexed C. J. GALLI AUG 10 '70

F. B. 3188 PG. 197

TO BOT. PG. 198

CONC. WALK
28.3 CONC. DRIVE
73+13.2 — 29.8
WATER METER 73+10.1 — 33.4
FIRE HYD. 73+08.7 — 33.4
WATER METER 73+03.6 — 32.3
CONC. WALK
CURB GUTTER
43.6 — TEL. POLE 72+85.4
K
29.0 CONC. DRIVE
11.8 — 72+64.0
PAVE
9.0 — 30.0 — 72+50.7
8" — 1.8 — 17.1 — S.S.M.H. 72+42.7
SPOT LIGHT 71+92.5 — 32.5
40.2 CONC. DRIVE
EDGE
71+48.9 — 29.9
SPOT LIGHT 71+43.6 — 33.0
POW. POLE 71+34.0 — 33.6 — 43.5 — TEL. POLE 71+34.0
SPOT LIGHT 71+12.9 — 32.4
71+00.6 — S.S.M.H. 24.2
CONC. CURB GUTTER
SPOT LIGHT 70+83.5 — 32.5
SPOT LIGHT 70+51.8 — 32.6
SPOT LIGHT 70+20.9 — 32.7
AVE.
44.0 CONC. DRIVE
43.7 — TEL. POLE 69+82.0
69+65.2 — 29.9
9.4

TO TOP PG. 196

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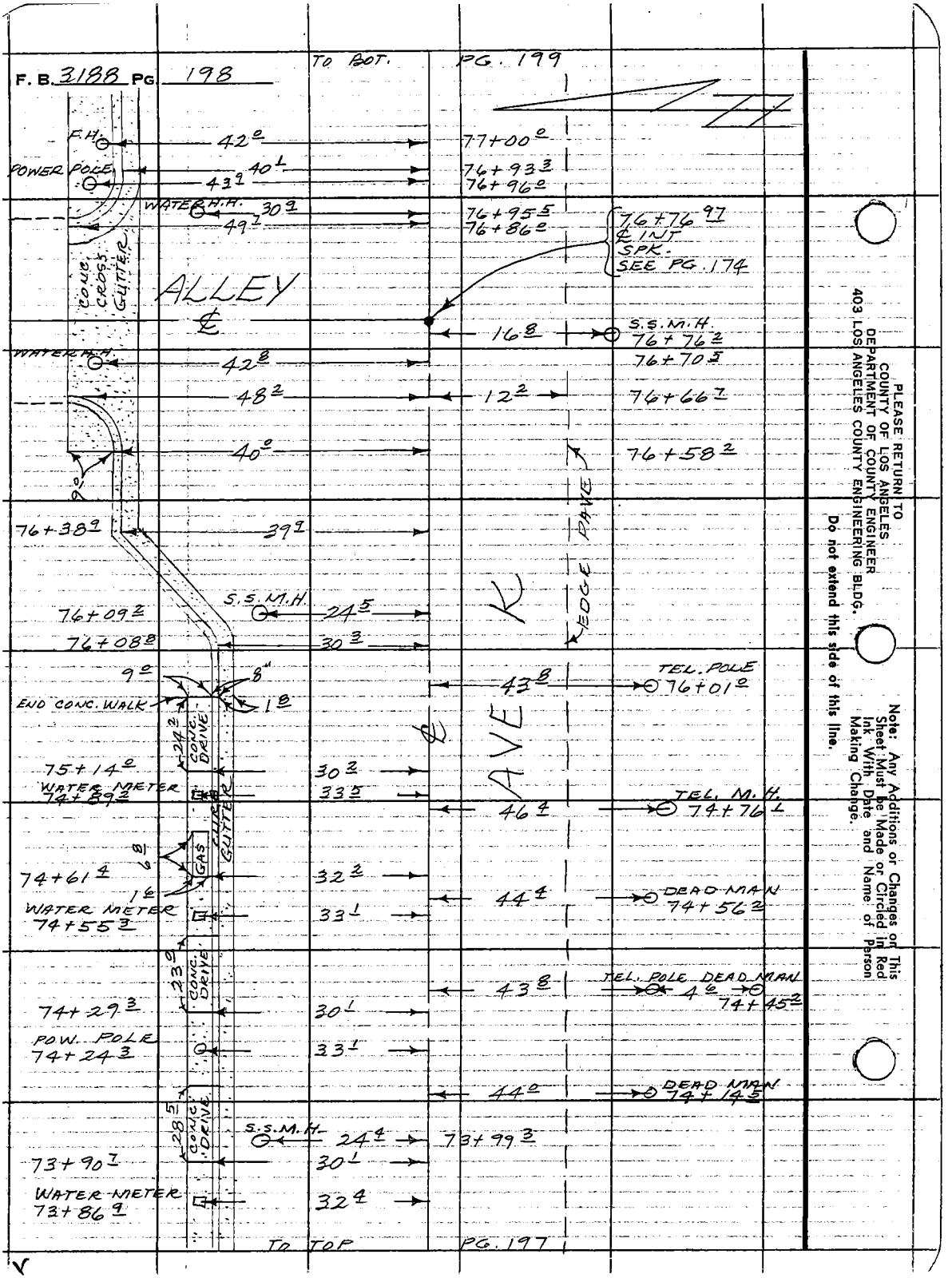
76F309S CE#310 3-68



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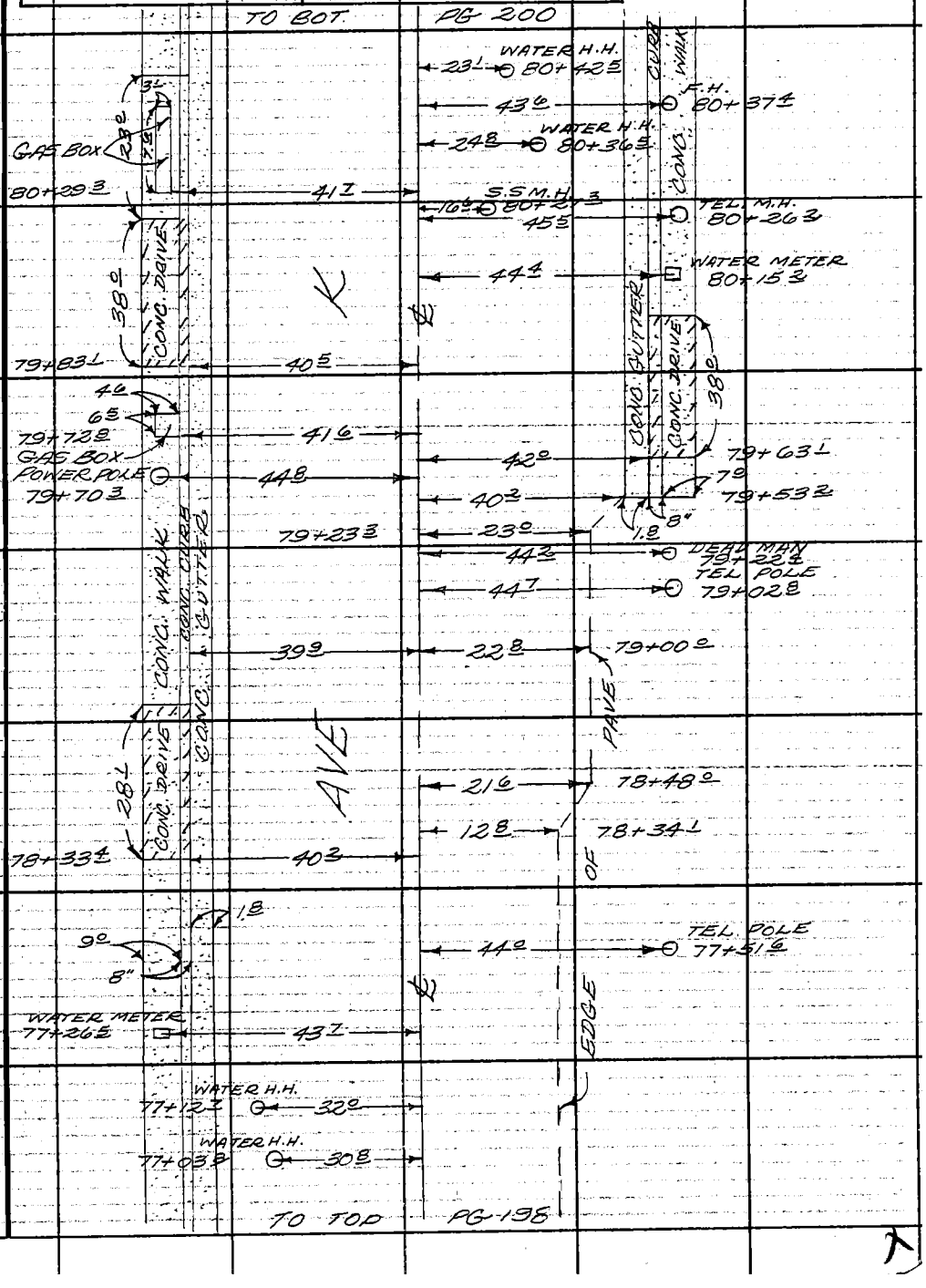
Notes Ck'd by
Map. No.
Office Work
Checked
Date

Survey of W.W. DIST #4 AVE K
JN 5042.95 Tape 165 Std 84 °F
Surveyed by MENDONCA
Notes J.M. Date 8-3-70
Indexed C.J. GALT AUG 10 70

F. B. 3188 PG. 199



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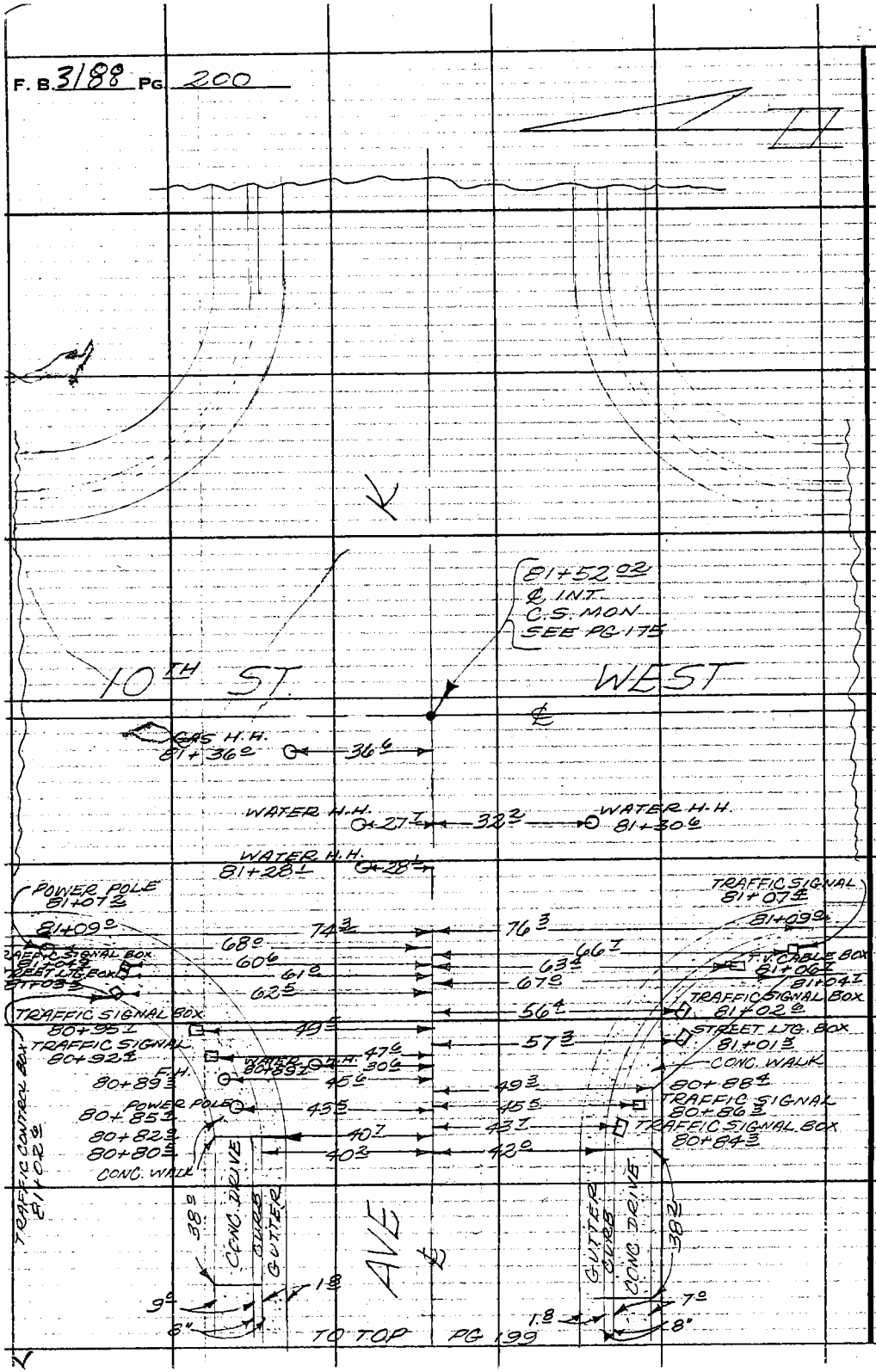
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-68

F. B. 3188 PG 200



TO TOP PG 199

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

Notes Ck'd by	Survey of WATERWORKS DIST #4
Map No.	JN 50A24 Tape 184 Sta 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes G.L. VANNESS Date 8-11-70
Date	Indexed

F.B. 3188 Pg. 201

JN 50A24

WATERWORKS DIST # 4

5TH ST. EAST WATERMAIN

COATES
VANNESS
ADAMS
BITTER
CROWE

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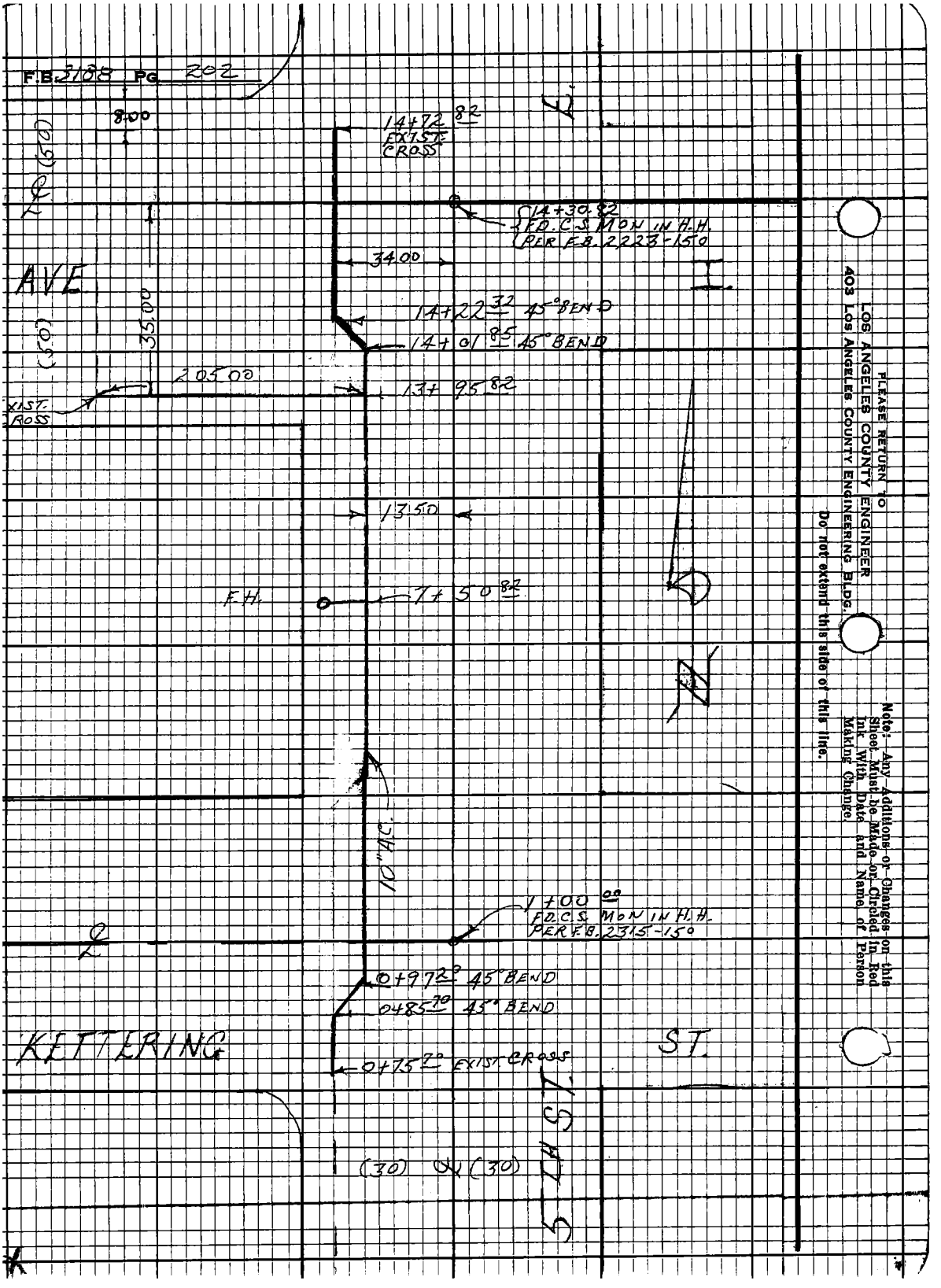
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7EF3099 CE#310 9-67


F.B. 3188 PG 202
8.00
14+72 82
EXIST. CROSS
14+30 82
F.D. C.S. MON IN H.H.
PER F.B. 2223-150
34.00
AVE
35.00
14+22 32 45° BEND
14+01 85 45° BEND
205.00
13+95 82
EXIST. CROSS
13.50
F.H.
7+50 82
10" A.C.
1+00 00
F.D. C.S. MON IN H.H.
PER F.B. 2315-150
0+97 20 45° BEND
0+85 70 45° BEND
KETTERING
ST.
0+75 70 EXIST. CROSS
5TH ST.
(30) (30)
PLEASE RETURN TO
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Profile No.	Notes Red	Plotted	Job No. 504295	Division No. 11	F.B. 3188 PG. 203
	Date	Date	Survey of IN. W. DIST. # 4		
X-Sec. No.	Notes Chk'd.	Checked	Survey by J. S. COATES	Notes G. L. VAN NESS	Date 8-28-70
	Date	Date	Map No.	Indexed	Date

J.N. 504295
WATERWORKS DIST. # 4
17TH ST. W. & AVE. K

CONSTRUCTION STAKES
FOR
WATER MAIN.

COATES
VANNESS
ADAMS
BITTEL

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

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

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76-L-298 CE 307 5-66

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.			
BM BL 719				2387.98	BM BL 719 Elev. 2387.976 Lan. Quad (1965) AVE K & 20th St. W. S.W. Cor. C.E. Mon (105-4)		
T.P.				88.01			
T.P.				92.72			
					GRADE	CUT	
0+00				90.84	2385.30	5.54	
0+21				91.16	85.45	5.71	WEST
"				91.35	"	5.90	EAST
0+50				91.24	85.50	5.74	
1+00				91.50	85.59	5.91	
1+50				91.58	85.68	5.90	
1+87				91.64	85.76	5.88	
BM BL 719				87.99	See above		

F. B. 3188 PG 204 Job No. 5042.95 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of W.W. DIST. #4 Date ____ Date ____ No. ____
Survey by J.S. COATES Notes G.L. VANNESS Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date 8-28-70 Date ____ Date ____ No. ____

Notes Ck'd by	Survey of W.W. DIST. #4	F.B.	Pg. 205
Map No.	JN 5042.17 Tape 10 Std. 84 °F		
Office Work	Surveyed by JSC		
Checked	Notes JSC Date 9/30/70		
Date	Indexed		

J.N. 5042.17

WATER WORKS DIST #4

AVE L-8 8" MAIN

DIVISION ST TO SIERRA HWY

COATES
VAN NESS
ADAMS

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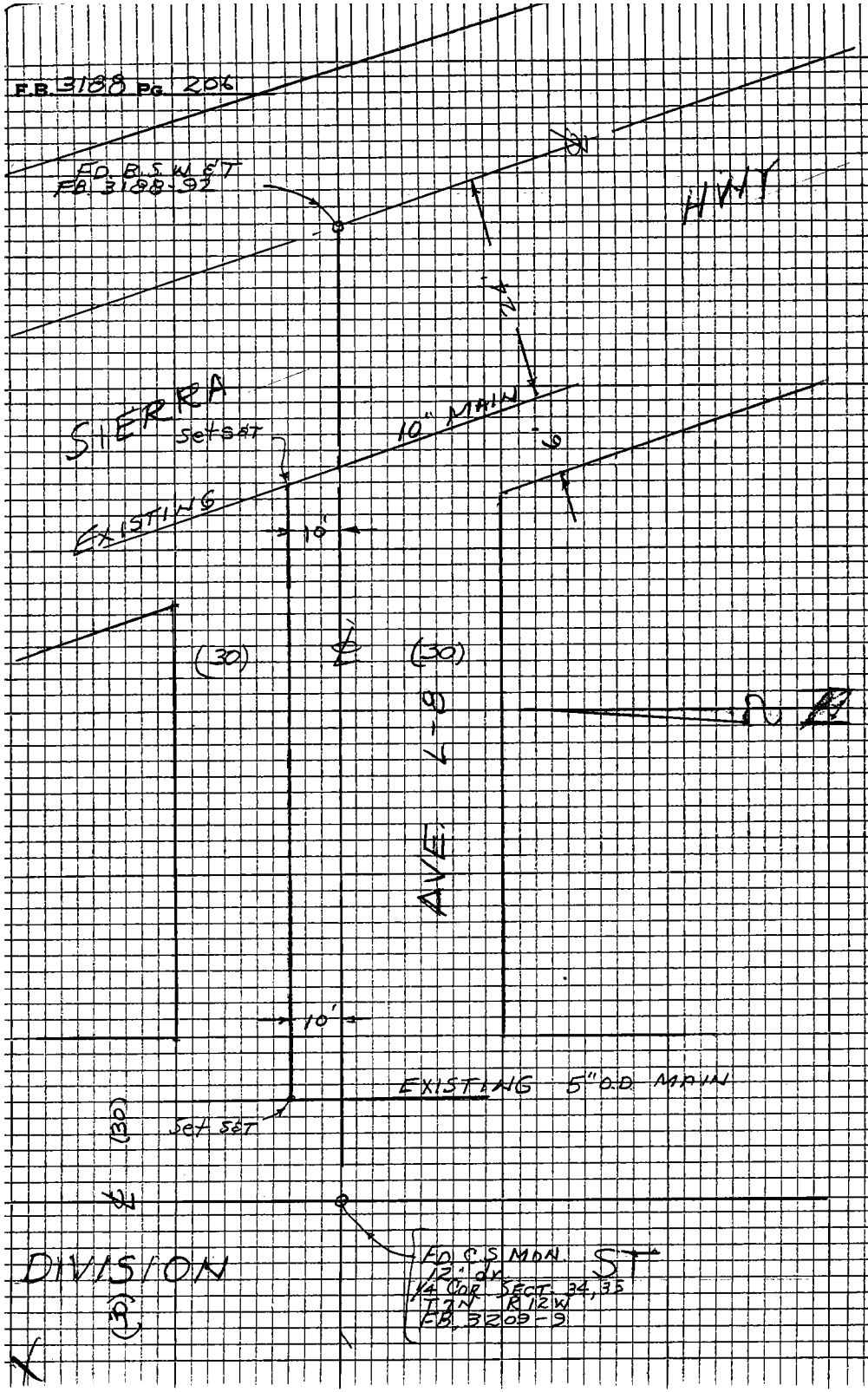
76P3095 CZ #310 5-65

F.B. 3188 PG. 206



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

Notes Ck'd by	Survey of 10th ST. W. MAIN K TO J
Map No.	JN Tape 10 Std 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes 25 C Date
Date	Indexed

F. B. 3188 PG. 207

J.N 504227

WATERWORKS DIST #4

10 ST. W WATERMAIN
AVE. K TO AVE. J

SPEC. # WWD 4-410

NOTE: Set Spk & Tin 6' LEFT OR WEST. & pipe
ON AVE K & AVE J Set Spk & Tin 6' N. & pipe

COATES
HUBBARD
ADAMS
BITTEL
CROWE

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

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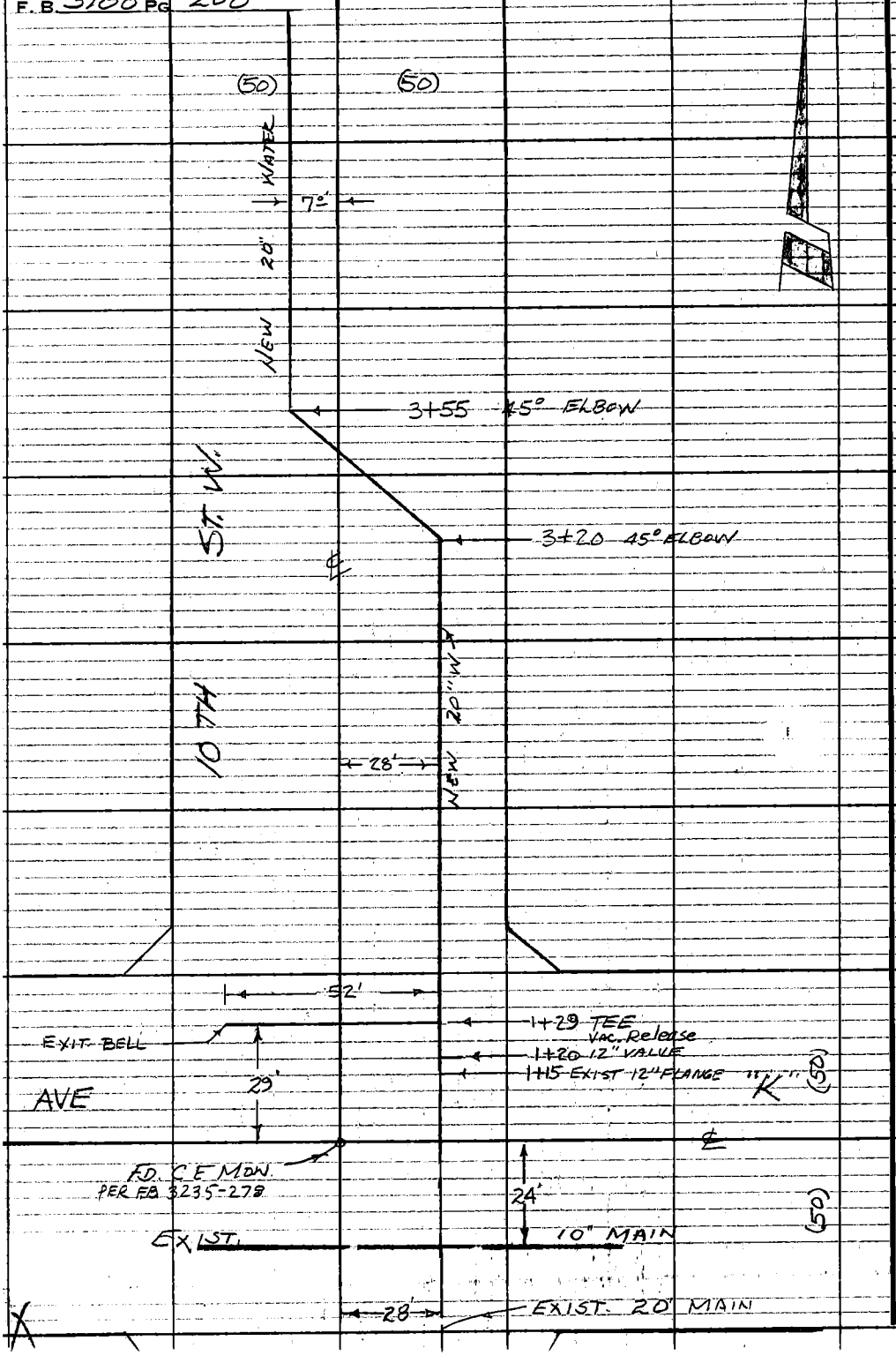
76F309S CE#310 3-66

F.B. 3188 PG 208 TO BOT. PG. 209



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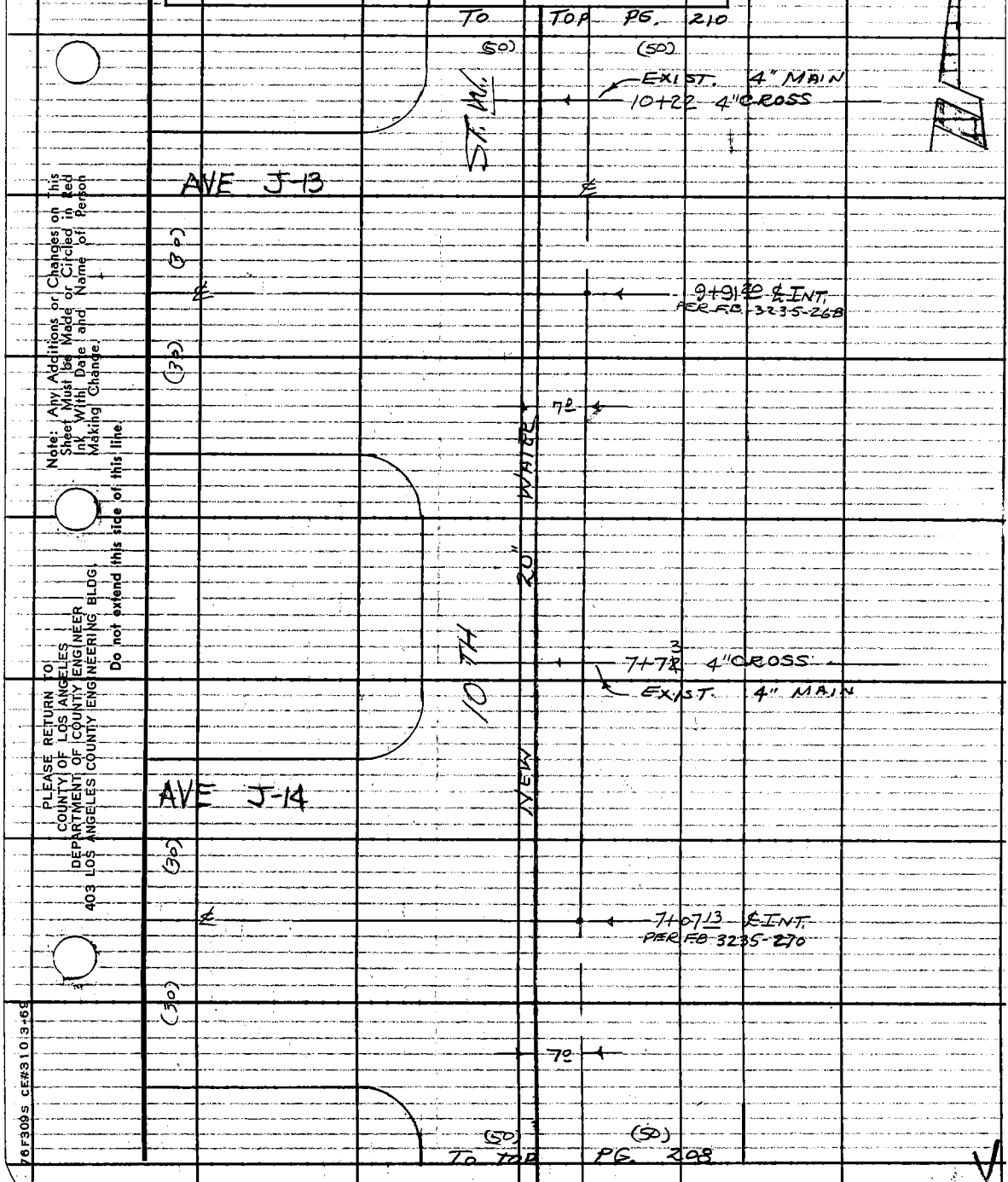
Notes Ck'd by	Survey of W.W. DIST. # 4
Map No.	JN 5042.27 Tape 10 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 6-22-71
Date	Indexed

F.B. 3188 PG. 209



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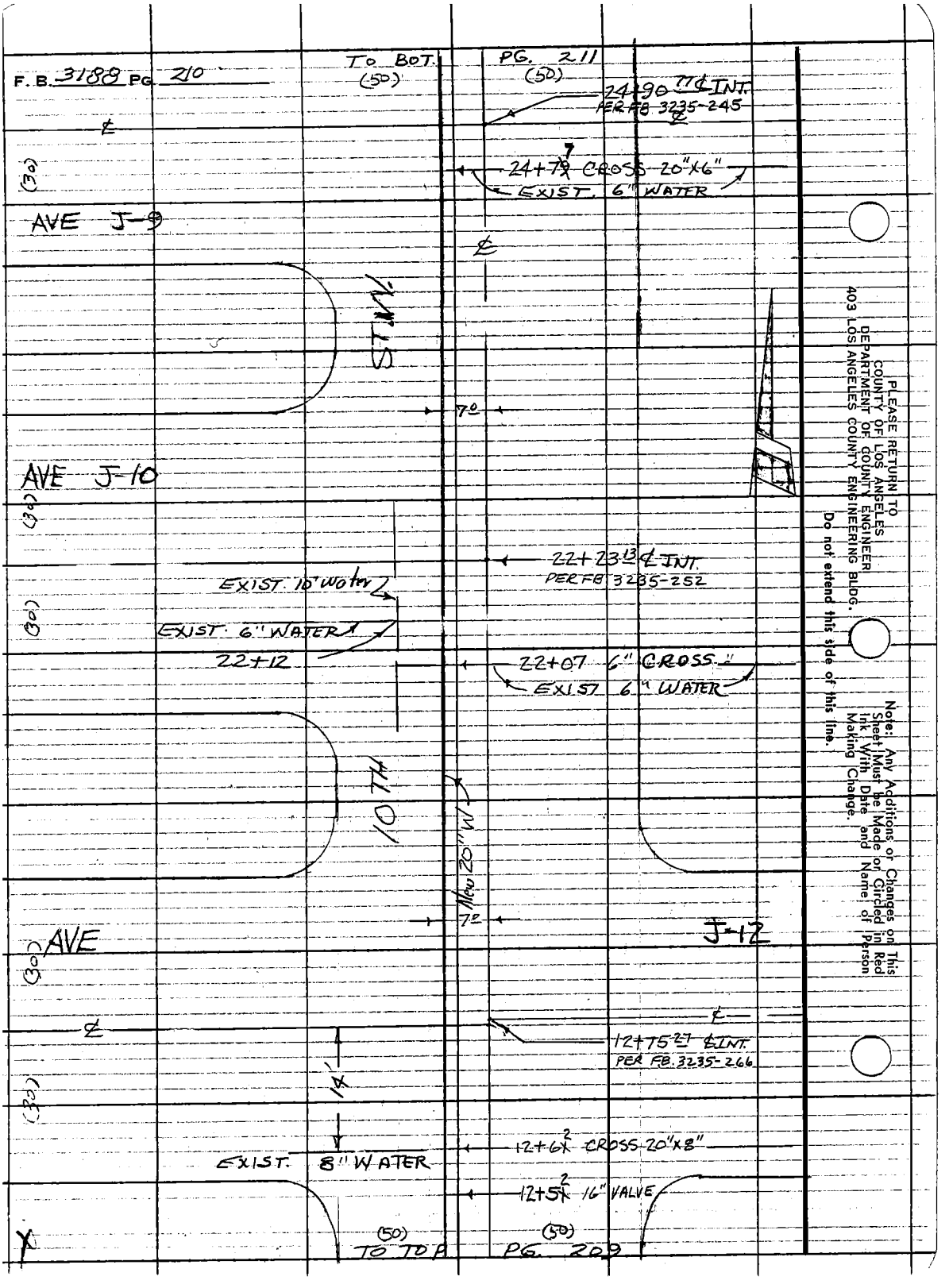
76F309S CE#310 3-69


F.B. 3188 PG. 210
TO BOT. (50)
PG. 211 (50)
24+90 77 ℄ INT.
PER FB 3235-245
24+79 7 CROSS 20"x6"
EXIST. 6" WATER
AVE J-9
STWY
7°
AVE J-10
22+23 13 ℄ INT.
PER FB 3235-252
EXIST. 10" water
EXIST. 6" WATER
22+12
22+07 6" CROSS
EXIST 6" WATER
10TH
New 20" W
7°
J-12
AVE
12+75 27 ℄ INT.
PER FB. 3235-266
14'
12+6 2 CROSS 20"x8"
EXIST. 8" WATER
12+5 2 16" VALVE
(50) TO TOP
(50) PG. 209
PLEASE RETURN TO
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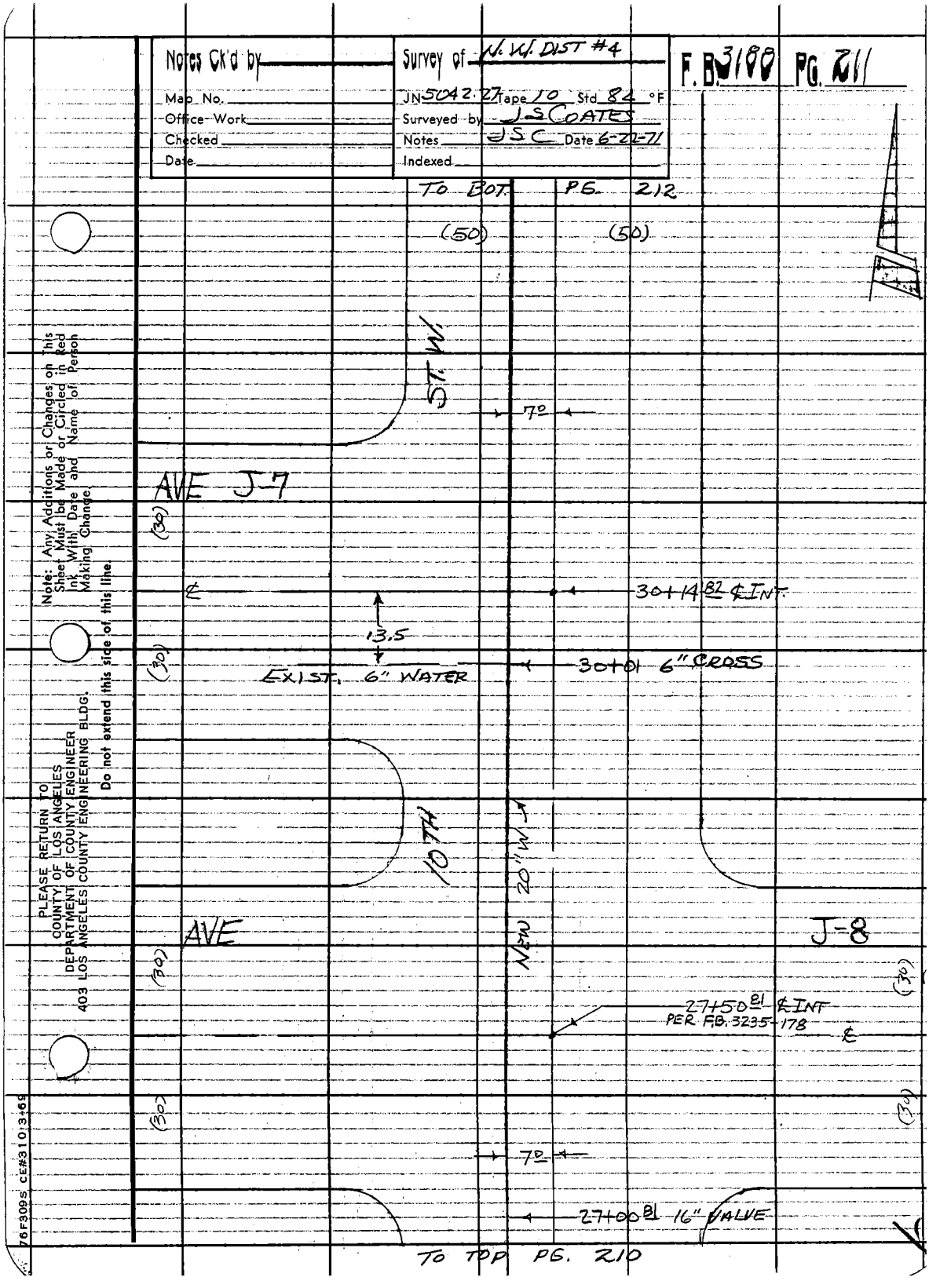
Notes Ck'd by	Survey of N. W. DIST #4
Map No.	JN 5042.27 Tape 10 Std 84 °F
Office Work	Surveyed by J S COATES
Checked	Notes J S C Date 6-22-71
Date	Indexed

F. B. 3188 PG. 211



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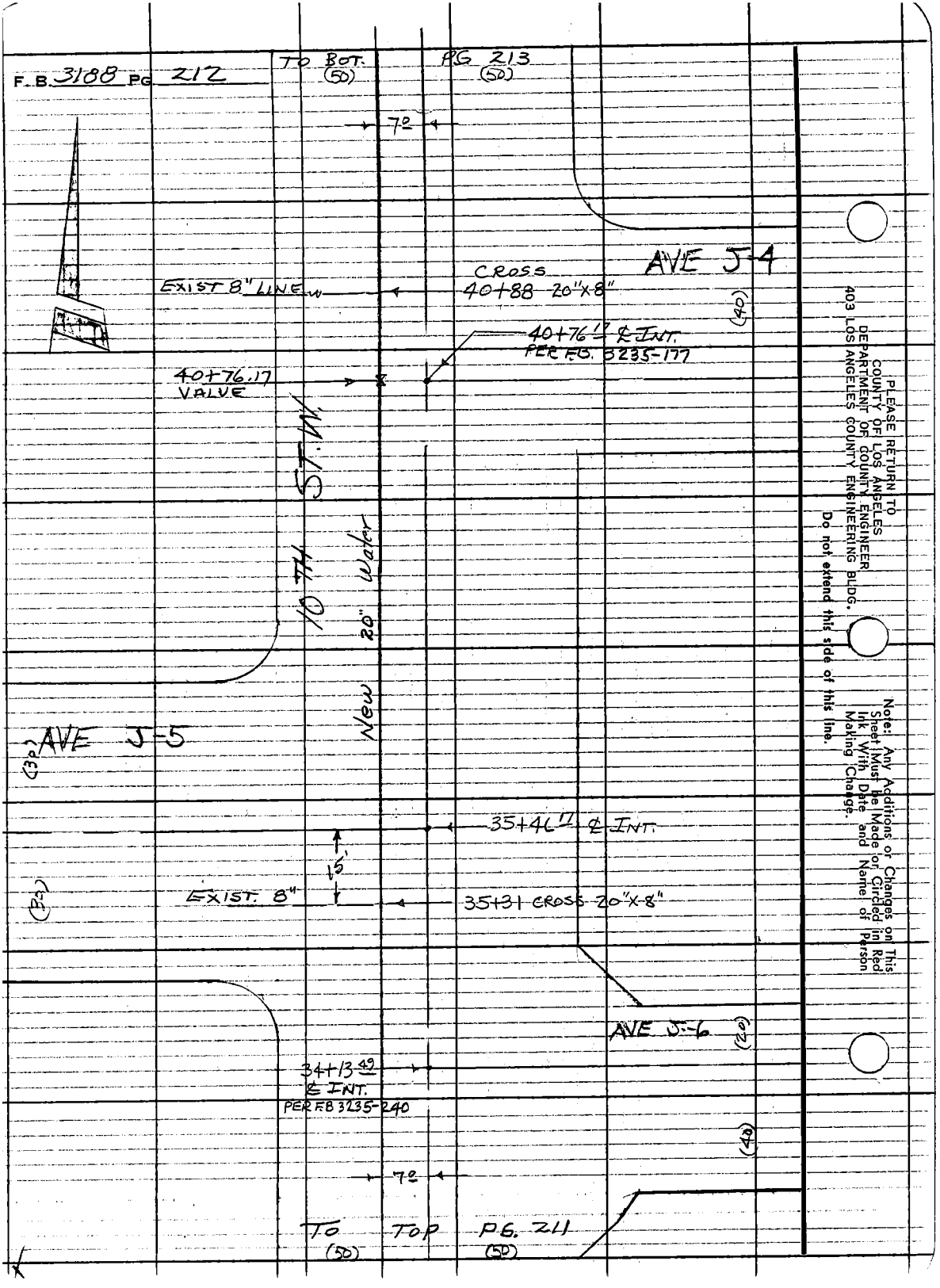
76F309S CE#310 3-69


F.B. 3188 PG 212
TO BOT. (50)
PG 213 (50)
7°
AVE J-4
CROSS
40+88 20"x8"
EXIST 8" LINE
(40)
40+76.17 ℄ INT.
PER F.B. 3235-177
40+76.17
VALVE
10 TH ST. W.
New 20" Water
(30) AVE J-5
35+46.17 ℄ INT.
15'
(30)
EXIST. 8"
35+31 CROSS 20"x8"
AVE J-6
(20)
34+13.49
℄ INT.
PER F.B 3235-240
(40)
7°
TO TOP PG. 211
(50) (50)
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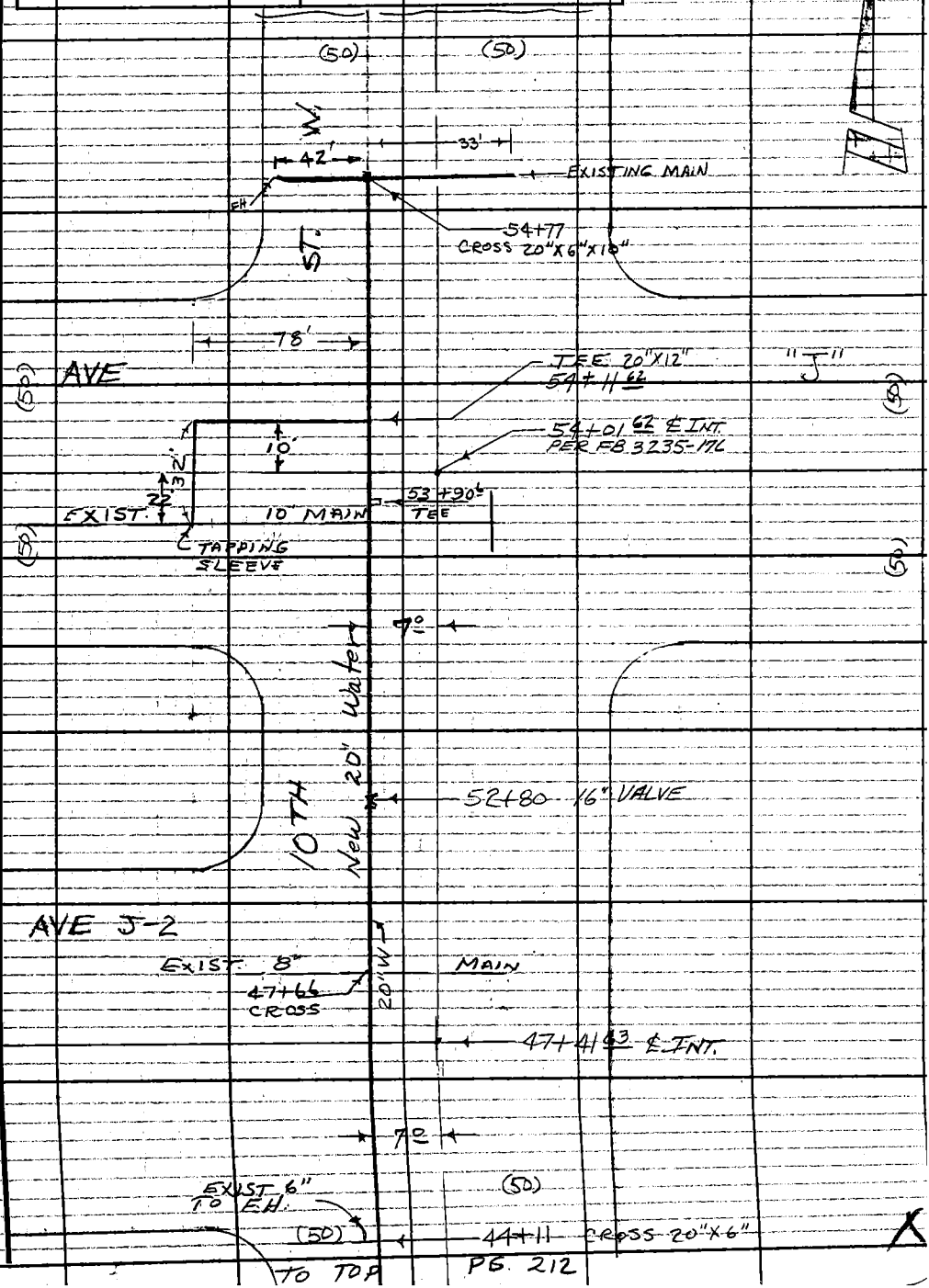
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of WW. DIST. #4
JN 5047.27 Tape 10 Std 84 °F
Surveyed by JS COATES
Notes JSC Date 6-28-71
Indexed

F. B. 3188 Pg. 213



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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TO TOP PG. 212

Notes Ck'd by	Survey of W(W) #4 K-8 to K-12
Map No.	JN 5043.24 Tape 136 Std. 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-6-71
Date	Indexed T. M. PALMERI JL 9-71

F. B. 3188 PG. 215

LOCATION OF IMPROVEMENTS ON

ON 25TH ST. W FROM AVE K-8

TO AVE K-12

J.N. 5043.24

References Used:

FB 3227

PARTY:
Voge
Van Ness
Sidwell
H. H

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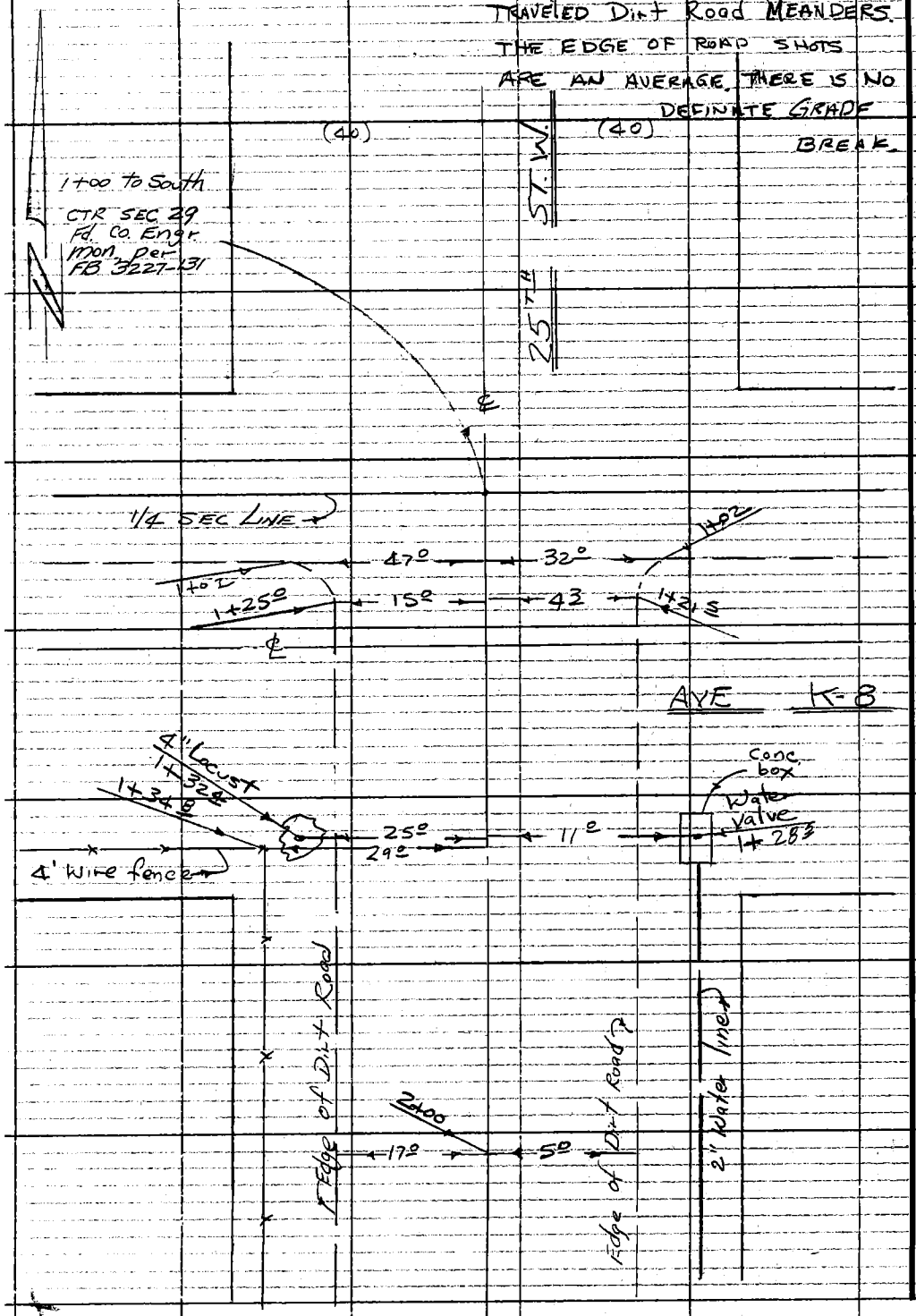
76F309S CE#310 3-68

F. B. 3188 PG. 216

NOTE:
TRAVELED DIRT ROAD MEANDERS.
THE EDGE OF ROAD SHOTS
ARE AN AVERAGE. THERE IS NO
DEFINITE GRADE
BREAK.



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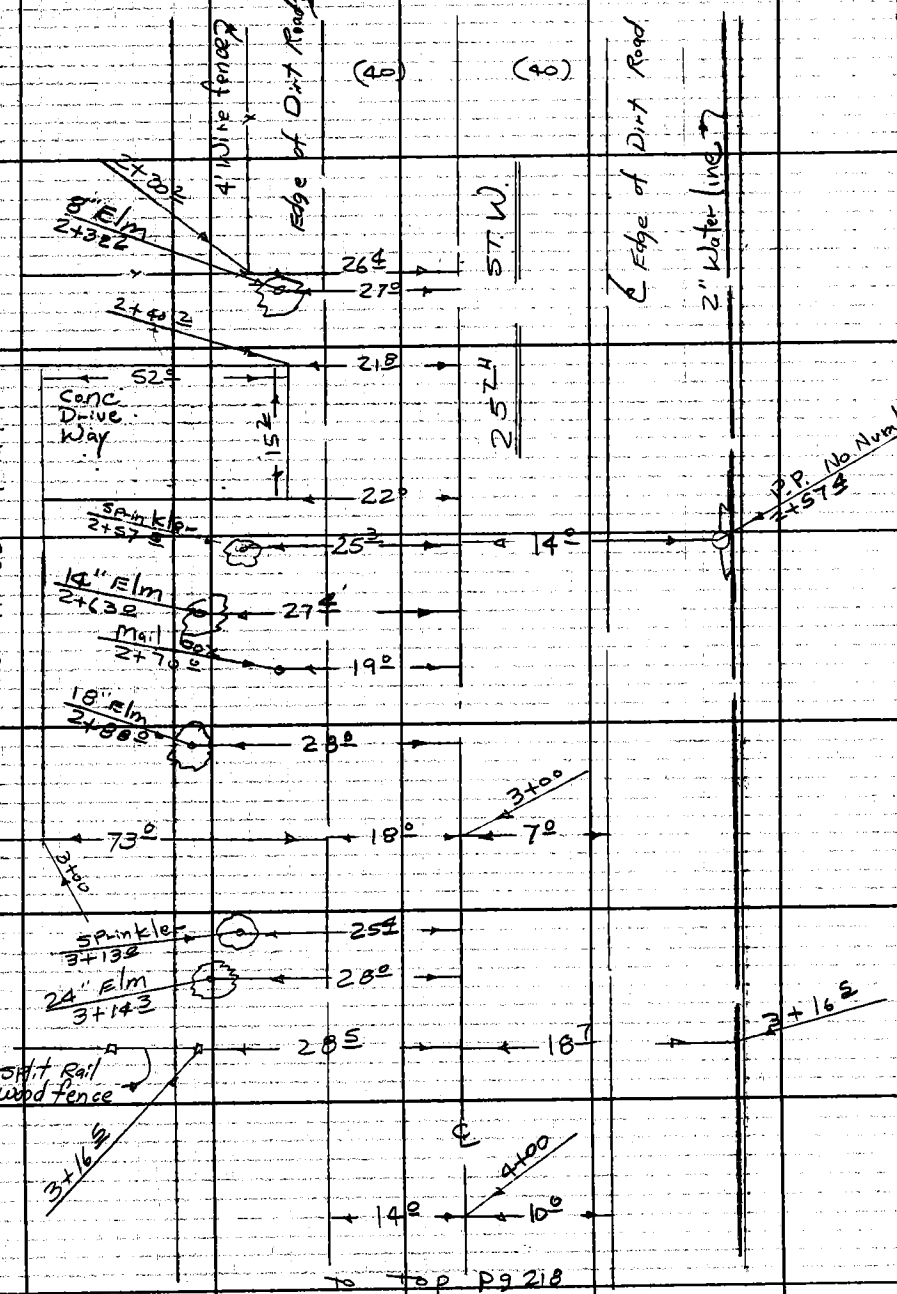
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of (1)(2) #4 K-8 to K-12
JN 5043.24 Tape 136 Std 84 °F
Surveyed by W. J. Voge
Notes Voge Date 7-6-71
Indexed T. M. PALMERI JL 9-71

F. B. 3188 Pg. 217

To bot. pg 216



To top pg 218

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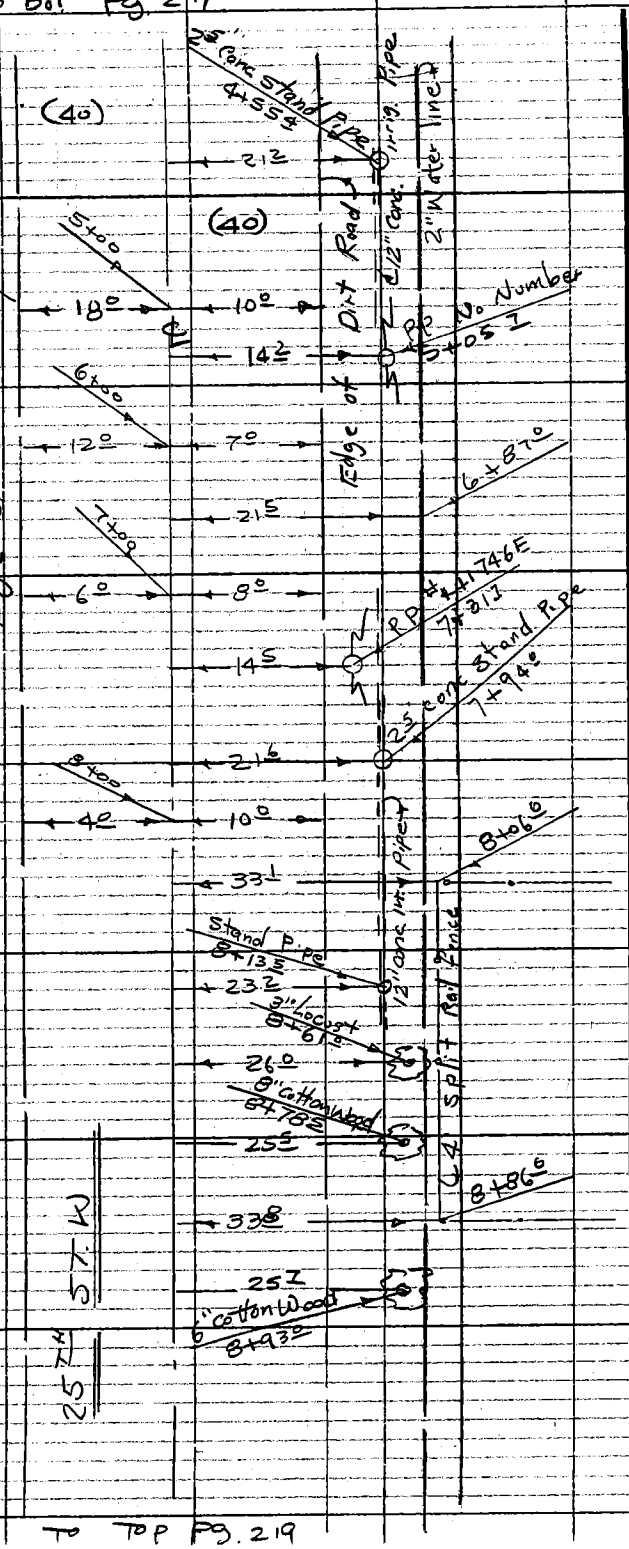
76F309S CE#310 3-68

To bot Pg. 217

F. B. 3188 PG. 218



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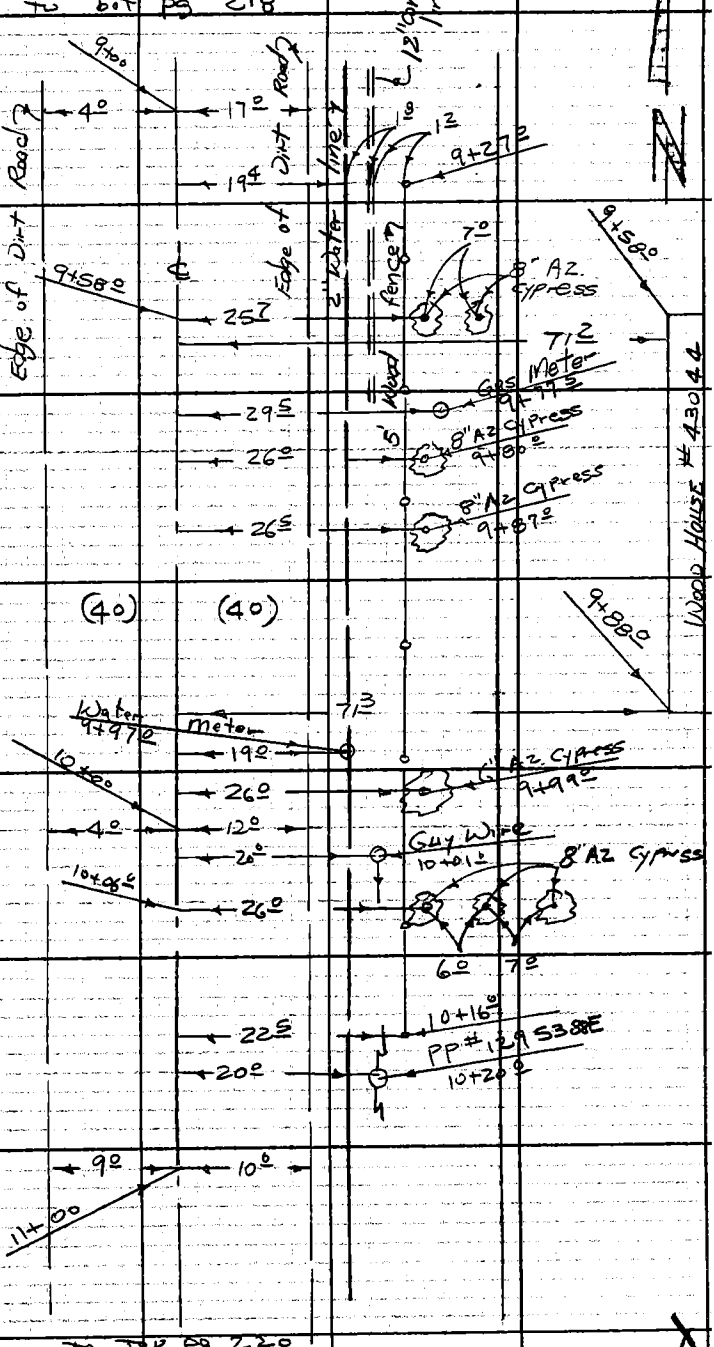
To Top Pg. 219

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

Survey of W.W. #4 K-8 & K12
JN 504324 Tape 136 Std. 84 °F
Surveyed by W.T. Voge
Notes Voge Date 7-6-71
Indexed T. M. PALMERI

F. B. 3188 PG. 219

To bot pg 218



To top pg. 220

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
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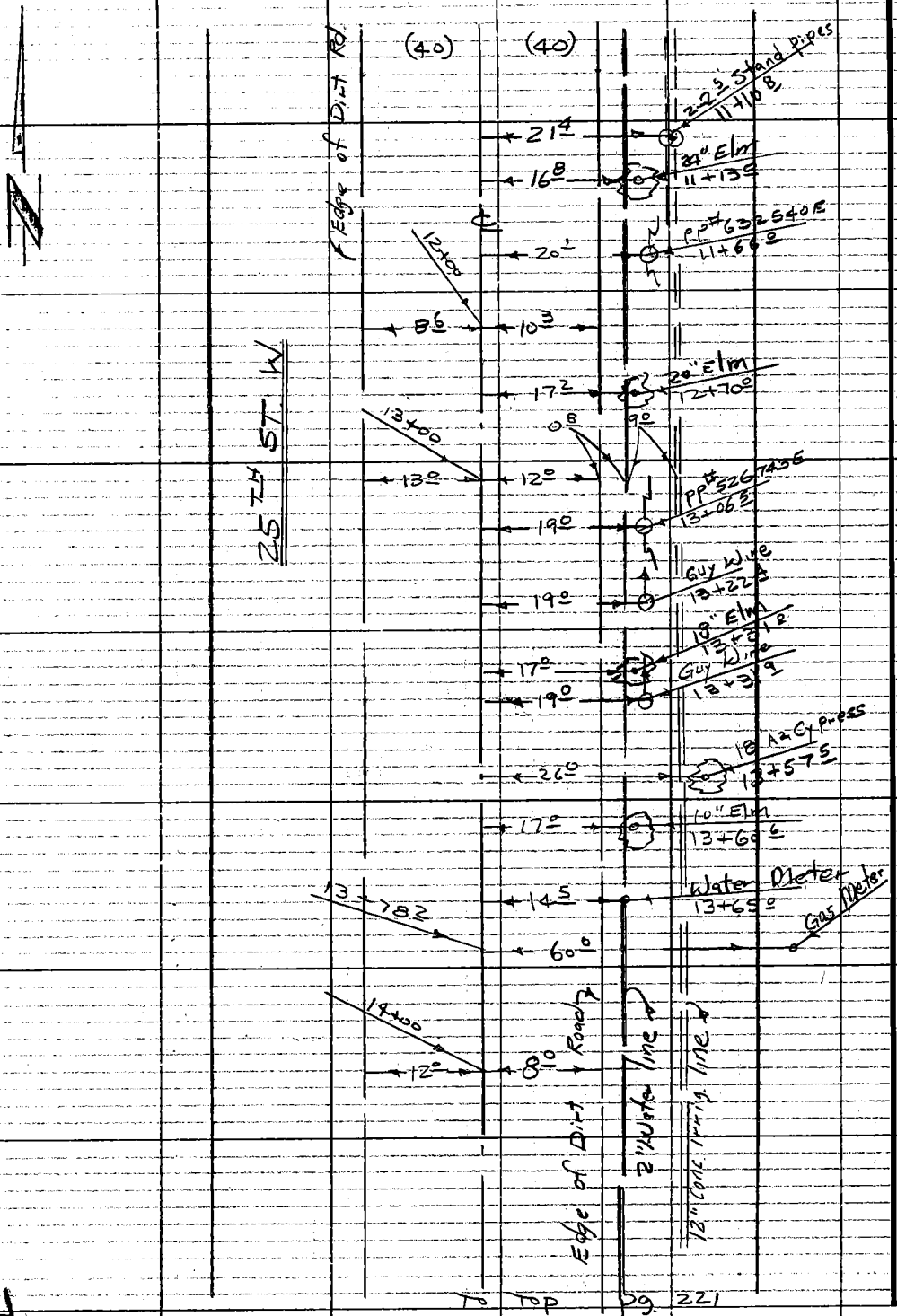
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
16F3095 CE#310 3-68

F. B. 3189 PG. 22

← bot. pg. 219



To top pg. 221

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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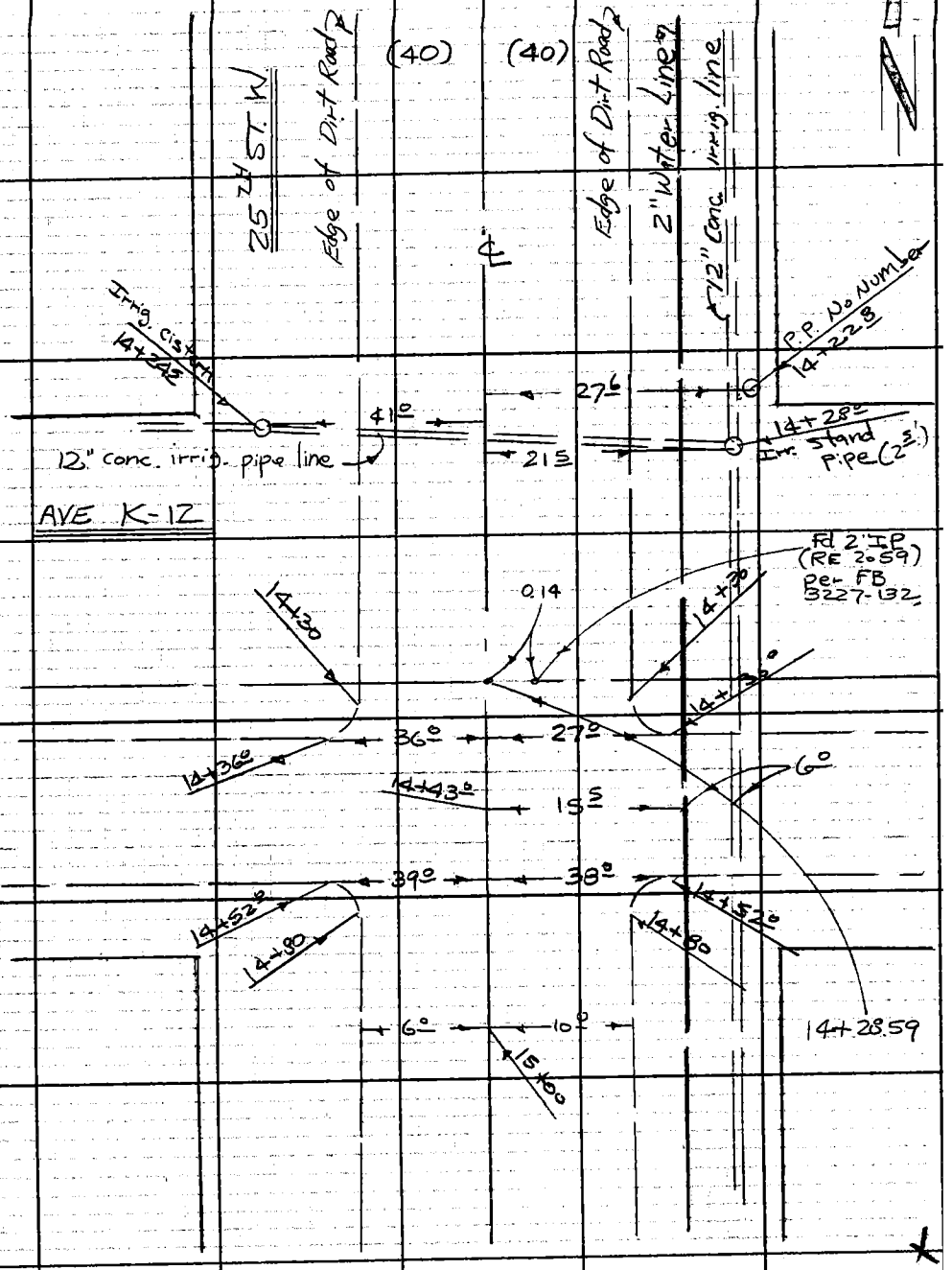
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of WW #4 K-8 to K-12
J.N. 5093.27 Tape 136 Std 84 °F
Surveyed by K J. Voge
Notes Voge Date 6-7-71
Indexed T. M. PALMERI

F. B. 3188 PG. 221

To bot. Pg. 220



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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6F3095 CE#310 3-68

F. B. 3188 PG. 223

Profile No.	Notes Red	Plotted	Job No. 5043.24	Division No. 11	
	Date	Date	Survey of W. W. DIST. # 4		
X-Sec. No.	Notes Chk'd.	Checked	Survey by VOGE	Notes VOGE	Date 7-7-71
	Date	Date	Map No.	Indexed T. M. PALMERI	Date JUL 9 '71

J.N. 5043.24

WATERWORKS DIST. # 4

CROSS SECTIONS

ON

25TH ST. W

FROM

AVE. K-8

TO

AVE. K-12

ELEV.

F. S.

LENKER ROD USED.

VOGE
VANNESS
SIDWELL
HILL

H. I.

REFERENCES USED:

B. S.

FB 3137

STATION

X

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR E.	℄	RIGHT OR W.
T.B.M. #2				2417.23	T.B.M. #2 EL. 2417.23 F.B. 3137-188		
					℄ INT. 25TH ST. W. & AVE. K-8 FD. BT SPK IN		
					T.P. # K6774Y 18° N & 55° E. ℄ INT.		
1 +00				15.8		℄	
"				16.0			40'
"				15.5	40'		
1 +21.5				16.4	F.L. 4.3		
+25				16.6			15' F.L.
28.5	TOP 2" WATER LINE			17.2	11°		
2+00				17.4		℄	
"				17.3			15' F.L.
"				18.6			30' TOP BK
"				18.8			40'
"				17.5	BOT. BK 2'		
"				20.5	TOP BK 15'		
"				16.9	BOT. BK 40'		
2+30°				17.6			14' F.L.
"				18.57			21.8 CONC. DRIVE
"				19.12			27.8 BK
"	HOUSE FL EL. #43149			2421.28			73'

F. B. 3188 PG. 224
Survey of W.W. DIST. #4 Job No. 504324 Division No. 11 Notes Red Date Plotted Date No. Profile
Survey by VOGE Notes VOGE Date 7-7-71 Notes Chk'd. Date Checked Date No. X-Sec.
Indexed T. M. PALMERI

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.	LEFT OR E.	℄	RIGHT OR W.
3+00				2418.3		℄	
"				18.4			15' F.L.
"				19.9			23' TOP BK
"				19.9			40' P/L
"				18.5	BOT BK 5'		
"				20.2	TOP BK 20'		
"				19.5	P/L 40'		
3+16.5				19.46	TOP 2" W-LINE 18.7		
4+00	T.P.			19.58		℄	
"				19.7			14' F.L.
"				21.1			19' TOP BK
"				20.8			40' P/L
"				19.7	F.L. 9'		
"				21.0	TOP BK 19'		
"				20.9	P/L 40'		
5+00				20.2		℄	
"				20.4			18' F.L.
"				21.9			26' TOP BK
"				21.6			40' P/L
"				20.2	F.L. 8'		
X "				2422.2	TOP BK 20'		

Profile Notes Red ____ Plotted ____ Job No. 5043.24 Division No. 11
No. ____ Date ____ Date ____ Survey of W.W. DIST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by VOGE Notes VOGE Date 7-7-71
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date JUL 9 71

F.B. 3188 PG. 223

76-L-298 CE 307 5-66

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F. B. 3188 PG. 226
Survey of W. W. DIST. #4
Survey by VOGE
Indexed T. M. PALMERI
Job No. 5043.24
Notes VAN NESS
Date 7-7-71
Division No. 11
Notes Red
Date
Notes Chk'd.
Date
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR E.	RIGHT OR W.
5+00				2421.2	P/L 40'	
6+00				21.0		℄
"				21.1		12' F.L.
"				22.2		25' TOP BK
"				22.1		40' P/L
"				21.0	F.L. 5'	
"				22.3	TOP BK 13'	
"				21.8	P/L 40'	
6+87 ±				22.05	TOP 2" W. LINE 21 ±	
7+00				22.0		℄
"				22.0		5' F.L.
"				23.3		25' TOP BK
"				23.3		40' P/L
"				22.1	F.L. 6'	
"				22.7	TOP BK 15'	
"				22.3	P/L 40'	
8+00	T. P.			23.62		℄
"				23.6		5' F.L.
"				24.7		25' TOP BK
"				24.5		40' P/L
"				2423.7	F.L. 7'	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR E.	℄ RIGHT OR W.
8+00				2425.0	TOP BK 20'	
"				24.9	P/L 40'	
9+00				26.0		℄
"				25.9		8' F.L.
"				25.6		40' P/L
"				25.9	F.L. 15'	
"				26.7	P/L 40'	
9+ 27				26.58	2" W. LINE 19.4	
"				26.38	12" CONC. LINE 21.2	
9+88±				29.58	FL-EL-HOUSE #43044 71.3	
10+00				27.5		℄ & F.L.
"				28.1		40' P/L
"				28.0	F.L. 9'	
"				28.5	TOP BK 22'	
"				28.4	P/L 40'	
11+00				28.5		℄
"				28.7		9' EDGE OF RD.
"				29.3		20' TOP BK
"				28.8		40' P/L
"				28.7	EDGE OF RD. 10'	
				2429.2	TOP BK. 20'	

Profile Notes Red ____ Plotted ____ Job No. 5043.24 Division No. 11
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by VOGE Notes VAN NESS Date 7-7-71
No. ____ Date ____ Date ____ Map No. ____ Indexed J. M. PALMER Date JUL 9 '71

F.B. 3160 Form

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR E.	℄	RIGHT OR W.
11+00				2428.6	P/L 40'		
12+00				29.17		℄	
"				29.4			8.6 EDGE OF RD.
"				29.5			40' P/L
"				29.2	EDGE OF RD 10.3		
"				30.0	P/L 40'		
13+00				30.3		℄	
"				30.6			15' EDGE OF RD
"				31.1			40' P/L
"				30.4	EDGE OF RD 10'		
"				30.58	2" W. LINE 12.8		
"				30.48	12" CONC. LINE 21.8		
"				30.2	P/L 40'		
14+00				31.6		℄	
"				31.7			12' EDGE OF RD
"				32.3			40' P/L
"				31.6	EDGE OF RD. 8'		
"				33.0	P/L 40'		
14+28				32.37	12' CONC. LINE 21.5		
+24.5				31.94			41.0 12" CONC LINE
+43				2432.1		℄	

F. B. 3188 PG. 228 Job No. 504324 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of W.W. DIST. #4 Date ____ Date ____ No. ____
Survey by VOGE Notes VANNESS Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed T. M. PALMERI Date 7-7-71 Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR E.	℄ RIGHT OR W.
14+43				2432.4		40' P/L
"				32.44	2" W. LINE 15.5	
"				32.23	12" CONC. LINE 21.5	
"				32.0	P/L 40'	
15+00				32.8		℄
"				32.7		6' EDGE OF RD
"				33.7		15' TOP BK.
"				33.7		40' P/L
"				33.0	EDGE OF RD-10'	
"				34.6	TOP BK. 25'	
"				34.6	P/L 40'	
T.P.				32.77		
T.P.				36.31		
T.P.				42.10		
T.P.				46.37		
B.M. BL 382				2448.47	B.M. BL 382 EL. 2448.713 25TH ST. W. & AVE. L. ℄ INT. FD C.S. MON 24" DN IN H.H. MARKED 1/4 COR SEC 29 & 32; T 7N; R 12W (RD. DEPT.)	
B.M. BL 383				2448.67	B.M. BL 383 EL. 2448.906 L & T IN BOTTOM STEP @ W. EDGE OF CONC. STEPS TO HSE. NC. 2507 AVE L. 73' N. & 78' W. ℄ INT. 25TH ST. W. & AVE L. (RD. DEPT)	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5043.24 Division No. 11
Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by VOGE Notes VAN NESS Date 7-7-71
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date JUL 9 71

P.B. 5/66 Pg. 5

76-L-298 CE 307 5-66

7.18

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F. B. 3188 PG. 230
Job No. 504324 Division No. 11 Notes Red. Date Plotted Date Profile No.
Survey of W.W. DIST. #4 Notes VAN NESS Notes Chk'd. Date Checked Date X-Sec. No.
Survey by VARE
Indexed T. M. PALMER Date 7-7-71

STATION	B. S.	H. I.	F. S.	ELEV.	
T. P.				2448.61	
T. P.				43.95	
T. P.				38.32	
T. P.				34.44	
T. P.				30.13	
T. P.				25.97	
T. P.				20.17	
T. P.				15.50	
T. P.				11.50	
T. P.				08.59	
T.B.M. #1				2405.16	T.B.M. #1 EL. 2405.19 F.B. 3137-189 FD. BT. SPK IN W. SIDE OF T.P. #K68201 1440' ± S. OF AVE. K ± 20.3 E. OF 25TH ST. W.

5042.95

F.B. 5188 PG. 25

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

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of W W DIST. #4

Survey by JSC Notes H&H Date 12-71

Map No. ____ Indexed C. J. GALLI Date MAR 7 '72

JN 5042.95

WATER WORKS DIST #4

AVE I & 20TH ST. W

Water main EXTENION

SPEC # W.W. D-4-428

COATES
HUBBARD
ADAMS
BITTEL
CROWE

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

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	
BM102-3				2323 94		BM 102-3 Elev. 2323.410 F.B. 2412-11 AVE I & 20TH ST. W. 67.4' E & 39.7 N ℄ INT. CEMON IN CONC. POST. 6" UP		
	AVE. I							
16+51				24 07		2318.45	5.62	Set S&T 5' S. ℄ pipe
17+00				23 85		18.36	5.49	"
17+94	"T" to F.H.			23 67		18.19	5.48	"
19+01				23 58		18.00	5.58	"
	20th ST. W							
0+66	EXIST. "X"			24 17		18.61	5.56	" 5' E. ℄ pipe
0+80	45° bend			24 56		18.66	5.90	"
0+97	45° bend			24 85		18.71	6.14	"
2+00				24 71		19.10	5.61	"
3+00				24 41		19.02	5.39	"
3+25	"T" to F.H.			24 44		19.00	5.44	"
BM102-3				2323 94		See ABOVE		

F. B. 3188 PG. 232
Job No. 5042.95 Division No.
Notes Red Date Plotted Date No. Profile
Survey of WW DIST #4
Survey by JSC Notes HCH Notes Chk'd. Date Checked Date No. X-Sec.
Indexed C. J. GALLI Date 12-71

Profile No.	Notes Red / Date	Plotted / Date	Job No. 5042.95	Division No.
X-Sec. No.	Notes Chk'd. / Date	Checked / Date	Survey of W W DIST #4	
			Survey by JSC	Notes HCH Date 12-71
			Map No.	Indexed C. J. GALLI Date MAR 7 '72

F. B. 3188 Pg. 233

J.N. 5042.95
WATER WORKS DISTRICT # 4

20TH ST. W. WATER MAIN

CONSTRUCTION STAKES
ON
20TH ST. W.
BETWEEN AVE "K" & AVE "J"

SET SP.K & TIN 5' EAST. & PIPE

COATES
HUBLIRD
ADAMS
BITTEL
CROWE

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

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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.			
BM 105-4				2387.71	BM 105-4 Elev. 2387.709 F.B. 2417-146		
T.P.				2384.25	IN LANCASTER AT 20TH ST. W. & AVE K, 39' W & 39' SO. OF CENTER LINES, 18.6' N.W. OF PP# No. K 6622 & A. Co. ENGR. B.C. MON STAMPED "BM 105-4 1958 RE 5869" Set FLUSH IN THE TOP 12" CONC POST.		
9+06	EXIST	12" G.V.		80.95	Grade 75.75	Cut 5.10	Set S&T. 5' E & pipe
9+50				80.34	74.99	5.36	
10+00				79.52	74.10	5.42	
+50				78.65	[illegible]	5.42	
11+00			77.55	77.67	72.35	5.32	
+50				76.72	71.53	5.19	
12+00				75.91	70.71	5.20	
+50				75.24	69.89	5.35	
13+00 G.V.			74.[illegible]	74.63	[illegible]	5.56	
+50				73.85	68.25	5.60	
14+00				73.02	67.43	5.59	
+50				72.23	66.61	5.62	
15+00			71.00	71.56	65.80	5.76	
+50				70.94	65.26	5.58	
16+00				70.30	64.72	5.58	
+50				2369.74	64.18	5.56	

F. B. 3188 Pg. 234 Job No. 5042.95 Division No. Notes Red Plotted Profile
Survey of WW DIST #4 Date Date No.
Survey by JSC Notes HCH Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date 12-71 Date Date No.

76-L-298 CE 307 5-66

6616

59-41
26

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STATION	B. S.	H. I.	F. S.	ELEV.	grade	cut		
17+00				2369.22	63.64	5.58	Set S&T 5' E. ℄ Pipe	
+50				68.33	63.10	5.73		
18+00				68.37	62.56	5.81		
+50				67.50	62.02	5.78		
19+00			66.65	67.15	61.45	5.70		
+50				66.53	60.94	5.59		
20+00				66.00	60.42	5.58		
+50				* 65.47	59.91	5.56		
21+00				64.96	59.39	5.57		
+50				64.57	58.88	5.69		
22+00				64.04	58.36	5.68		
+50				63.59	57.85	5.74		
23+00				63.01	57.33	5.68		
+50				62.36	56.82	5.54		
24+00			61.50	61.85	56.30	5.55		
+50				61.52	55.93	5.59		
25+00				61.02	55.55	5.47		
+50				60.36	55.18	5.18		
26+00				59.93	54.80	5.13		
+50			59.62	59.46	54.43	5.03		
27+02 92	G.V.			2359.19	54.05	5.14		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5042.95 Division No. ____ F.B. 3138 Pg. 235

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

Notes Chk'd. ____ Checked ____ Survey by JSC Notes JSC Date 11-12-71

Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date MAR 7 '72

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	CUT		
27+09 92	CROSS			2359.11	54.00	5.11	Set SET 5' E. ℄ Pipe	
+50				58.78	53.60	5.18		
28+00				58.34	53.10	5.24		
28+50 TEE TO F.H.				57.93	52.60	5.33		
29+00				57.54	52.10	5.44		
+50				56.99	51.60	5.39		
30+00			56.40	56.28	51.10	5.18		
+50				55.96	50.62	5.34		
31+00				55.52	50.15	5.37		
+50				55.37	49.67	5.70		
32+00				54.84	49.20	5.64		
+50				54.49	48.72	5.77		
33+00				54.12	48.25	5.87		
+50				53.43	47.77	5.66		
34+00				53.29	47.30	5.99		
34+50 45° BEND			52.0	52.98	46.80	5.28		
34+54 " " "				51.70	46.75	4.95		
35+00			51.5	51.67	46.30	5.37		
35+18 92				52.03	46.30	5.73		
35+45 92 BEGIN SLEEVE				2343.87	39.24	C 4.63		
36+00				43.62	"	4.38		
36+50				43.90	"	4.66		

F. B. 3188 PG. 236 Job No. 5042.95 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 Date Date No.
Survey by JSC Notes HCH Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date 12-71 Date Date No.

76-L-298 CE 307 5-66

38.50 INVERT

52.03

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4656
38.52

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STATION	B. S.	H. I.	F. S.	ELEV.	grade	cut		
36+59 92		End sleeve		2343.72	2339.24	4.48	Set S&T 5' E & pipe	
36+86 92				52.71	46.36	5.35		
37+00								
37+46	45° BEND		52.6	52.67	47.40	5.27		
37+50	" " "			52.57	47.37	5.20		
38+00				52.34	47.00	5.34		
+50				51.94	46.62	5.32		
39+00				51.45	46.25	5.20		
+50				51.33	45.87	5.46		
40+00			50.7	50.95	45.50	5.45		
40+40	G.V.			50.72	[illegible]	[illegible]		
40+50								
41+00			49.7	50.18	44.50	5.68		
+50				49.76	44.12	5.64		
42+00				49.57	43.74	5.83		
+50				49.25	43.36	5.89		
43+00				48.81	42.98	5.83		
+50				48.42	42.60	5.82		
44+00				48.09	42.22	5.87		
44+30	45° BEND		47.3	47.96	42.00	5.96		
44+35	" " "			47.36	41.95	5.41		
44+50				2347.22	41.80	5.42		

Profile Notes Red ____ Plotted ____ Job No. 3042.95 Division No. ____ F. B. 3188 PG. 237
No. ____ Date ____ Date ____ Survey of W.W. DIST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by TSC Notes HCK Date 12-71
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date MAR 7 '72

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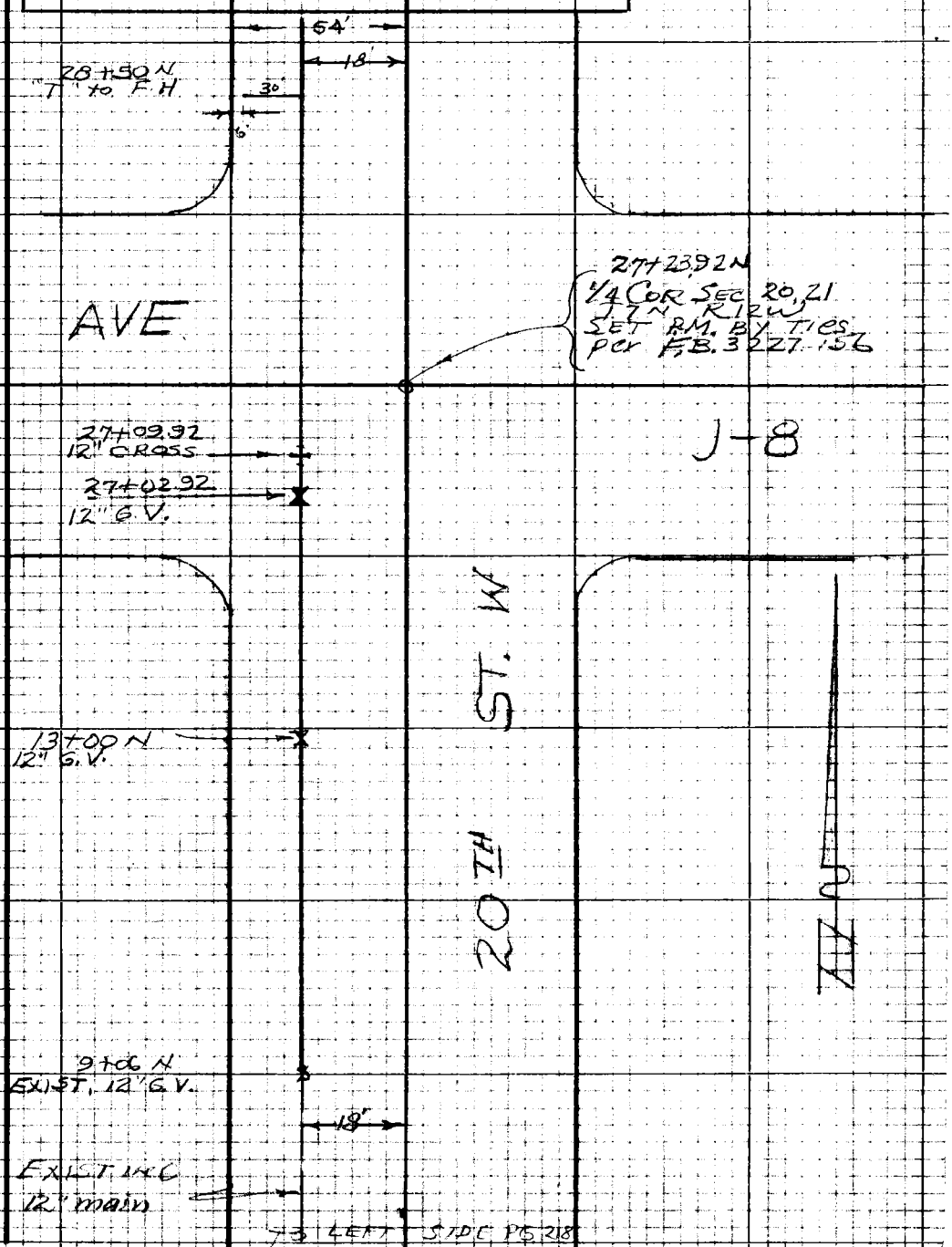
STATION	B. S.	H. I.	F. S.	ELEV.	Grade	CUT		
45+00				2346.88	4130	558	Set SET 5'E & pipe	
45+33 G.V.				4670	4097	573	"	
45+40 FLANGE (END)			46.1	4663	40.90	573	"	
T.P.				2345.37			BM 105-2 ELEV. 2342.651 F.B. 2417-144	
BM 105-2				2342.57			IN LANCASTER AT THE ℄ INT. OF 20TH ST. W. & AVE "J" A PRECAST MON. set 14" Below the surface under a CAST IRON COVER. THIS BM. IS MARKED "SECTION Corner 17, 16, 20, 21 T7N R12W.	

F. B. 3188 Pg. 239 Job No. 5042.95 Division No. Notes Red Plotted Profile
Survey of WW DIST #4 Date Date No.
Survey by JSC Notes HCH Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date 12-71 Date Date No.

Notes Ck'd by	Survey of W.W. DIST # 4	F.B. 3188 Pg. 239
Map No.	JN 5042 95 Tape Std °F	
Office Work	Surveyed by J.S. COATES	
Checked	Notes J.S.C. Date	
Date	Indexed C. J. GALLI MAR 7 '72	



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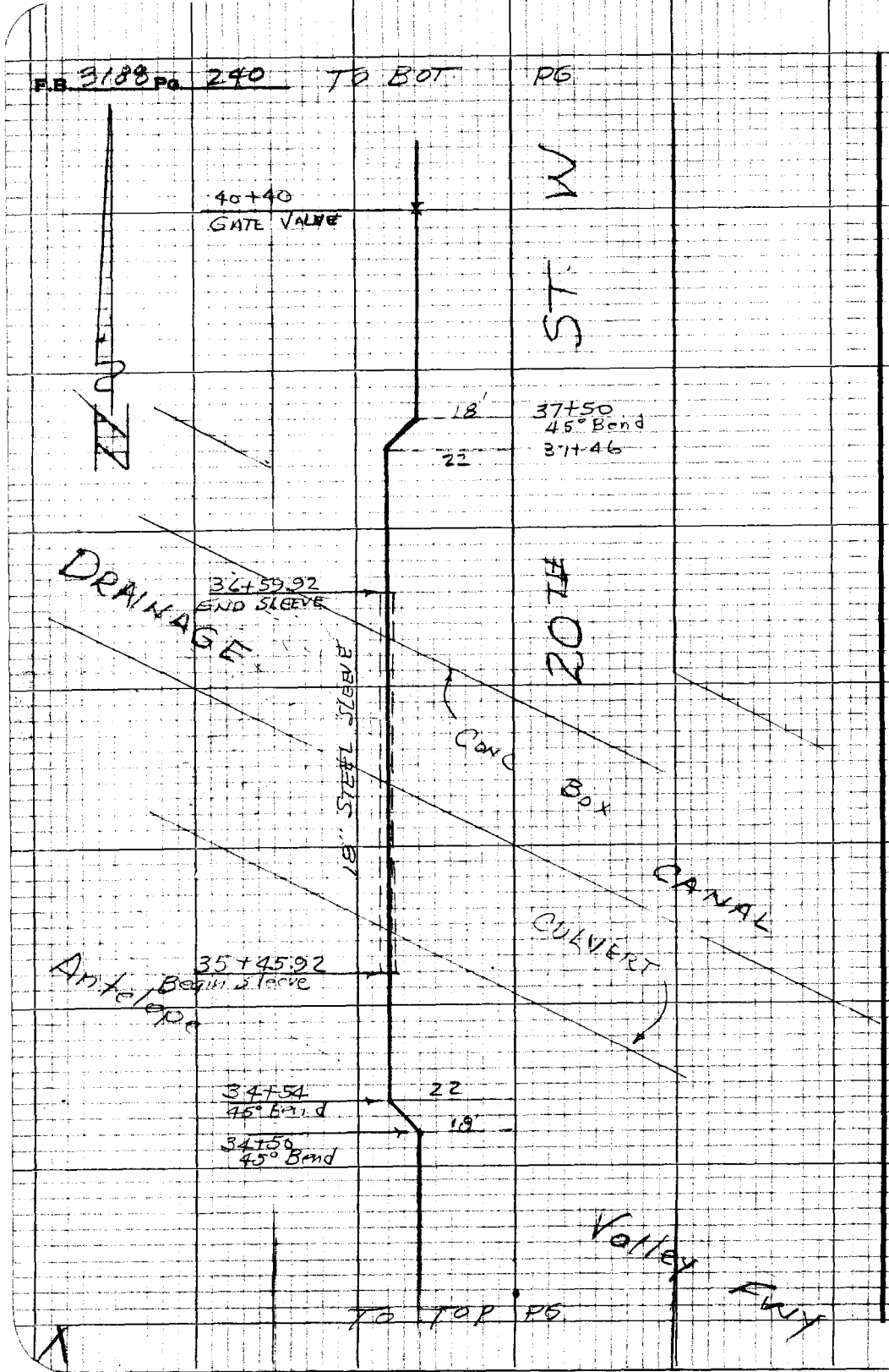
76P3098 CK #310 5-66

F.B. 3188 Pg. 240 TO BOT PG



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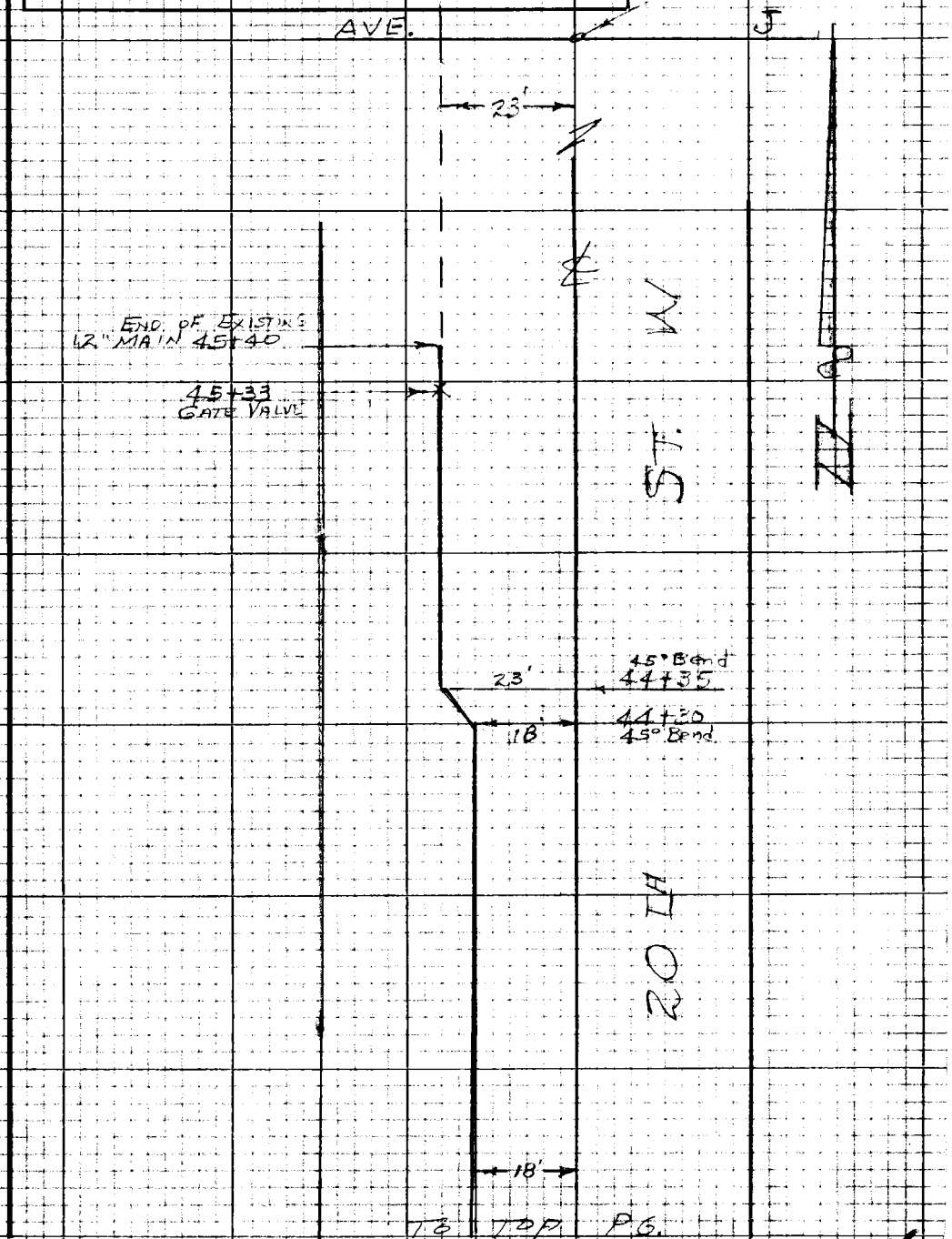
Notes Ck'd by	Survey of W.W. DIST #4	F.B. 3188 Pg. 241
Map No.	JN 5042.95 Tape 10 Std 84 °F	
Office Work	Surveyed by J S COATES	
Checked	Notes JSC Date 11-12-71	
Date	Indexed C. J. GALLI MAR 7 '72	



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76P3098 CF #310 5-66

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F.B. 3188 Pg. 242

Notes Ck'd by	Survey of W W DIST 4	F.B. 3188 Pg. 243
Map No.	JN 5042.95 Tape 10 Std 34 °F	
Office Work	Surveyed by JSC	
Checked	Notes #C4 Date 2-15-72	
Date	Indexed C. J. GALLI MAR 7 '72	

J.N. 5042.95

WATER WORKS DIST #4

EASEMENT OFF AVE J-1

CONSTRUCTION STAKES

FOR

WATER MAIN

SET STAKES 5'W & 5'N

COATES
HUBBARD
ADAMS
BUTLER
CROWE

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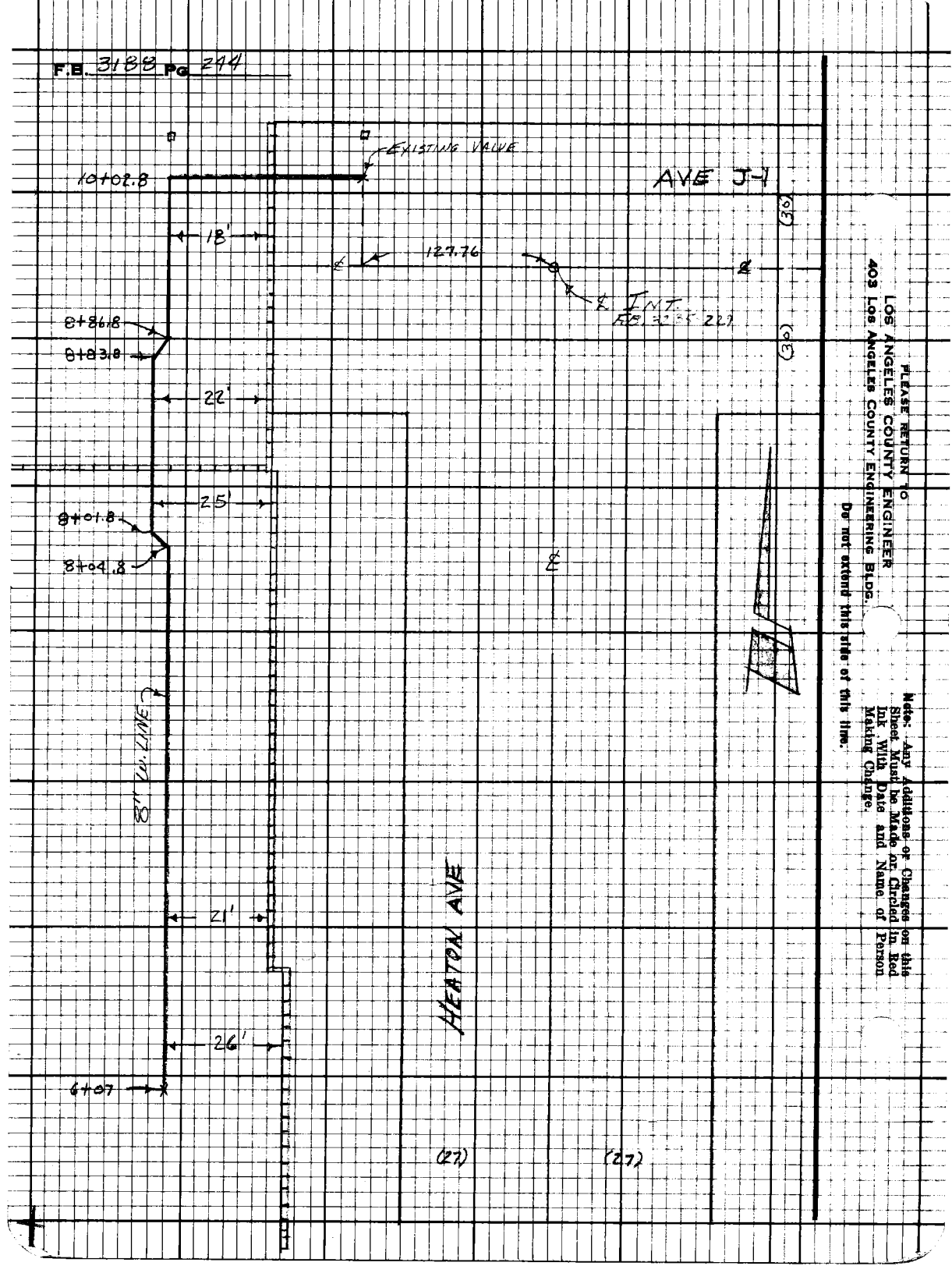
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3188 PG 214



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

Survey of W. W. DIST 4
JN 5042.95 Tape 10 Std 84 °F
Surveyed by JSC
Notes HCN Date 1-15-72
Indexed C. J. GALLI MAR 7 '72

F.B. 3188 Pg. 245

JN 5042.95

WATER WORKS DIST #4

CONSTRUCTION STAKES

ON

AVE K-4

STAKES SET 5' N OF W. LINE

COATES
Hubbard
ADAMS
BITTS
CROWE

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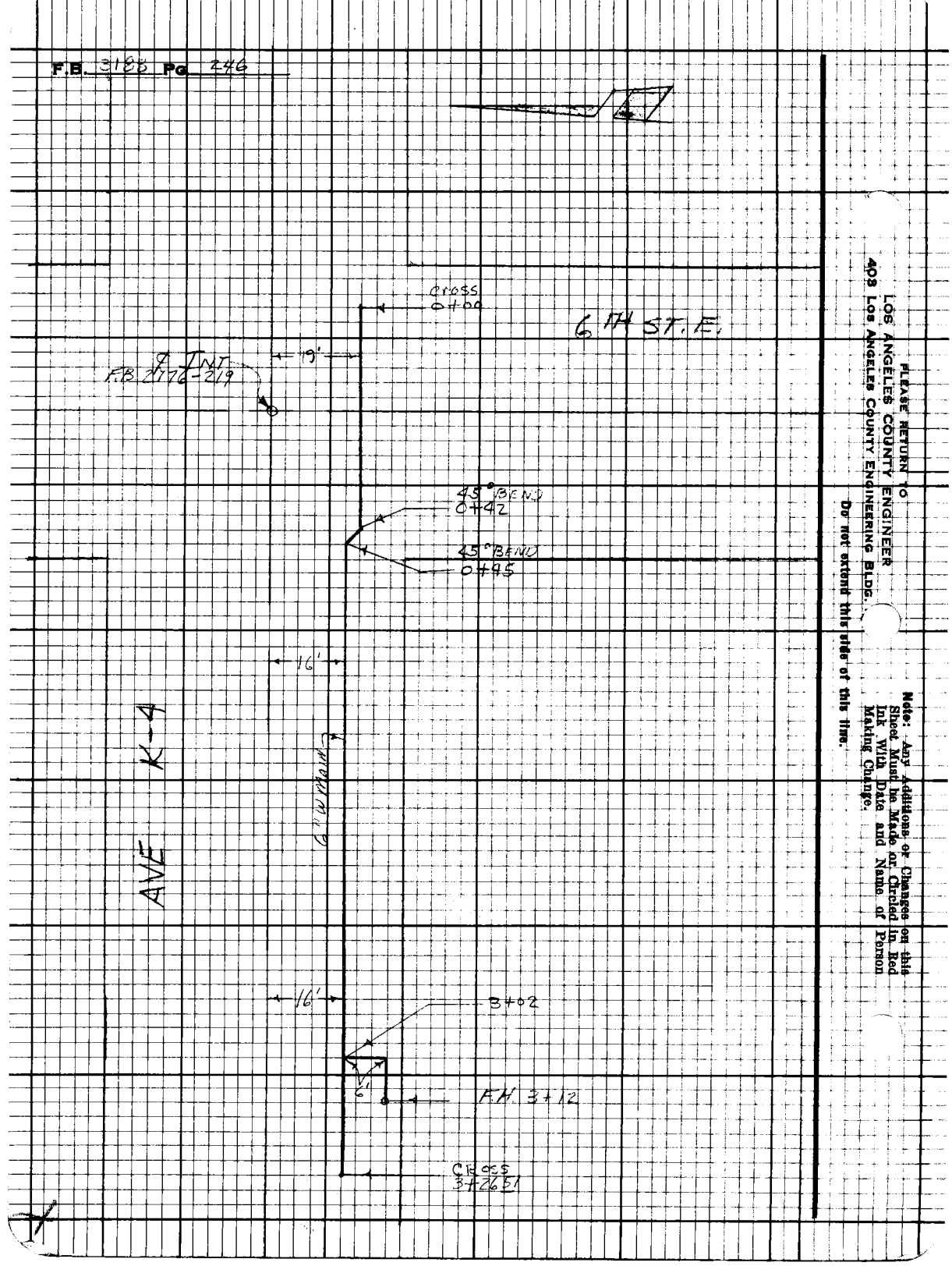
76F3088 CE#310 9-67

F.B. 3188 Pg. 246



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247

Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN 5042.95 Tape 10 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 10-10-71
Date	Indexed C. J. GALLI MAR 7 72

F. B. 3189 PG. 245

J.N. 5042.95
WATERWORK DIST #4

AVE. K
WATERMAIN EXTENSION
SPEC. # WWD4-428

COATES
HUBBARD
ADAMS
BITTEL
CROWE

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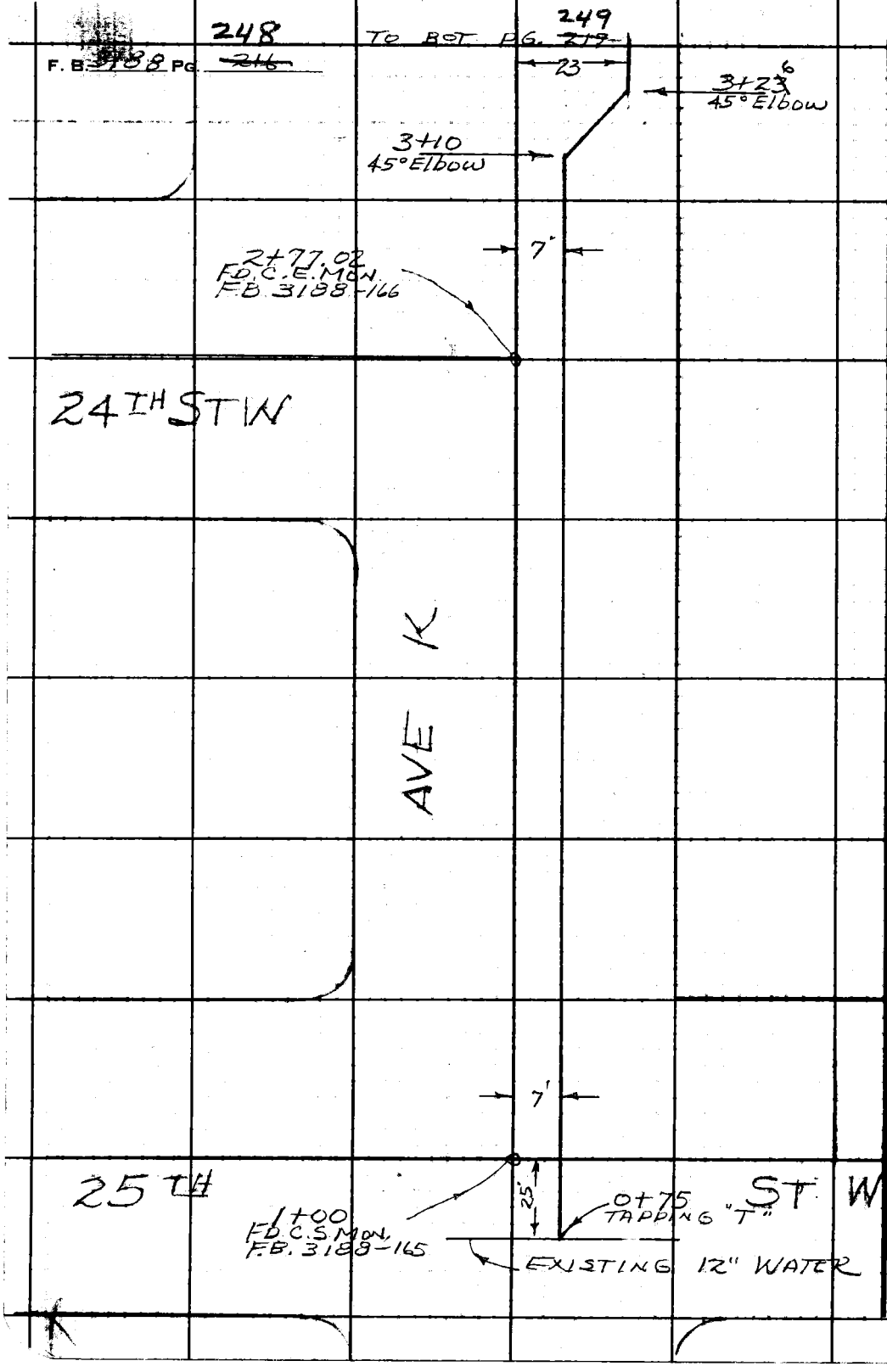
76F3095 CE #310 6/63



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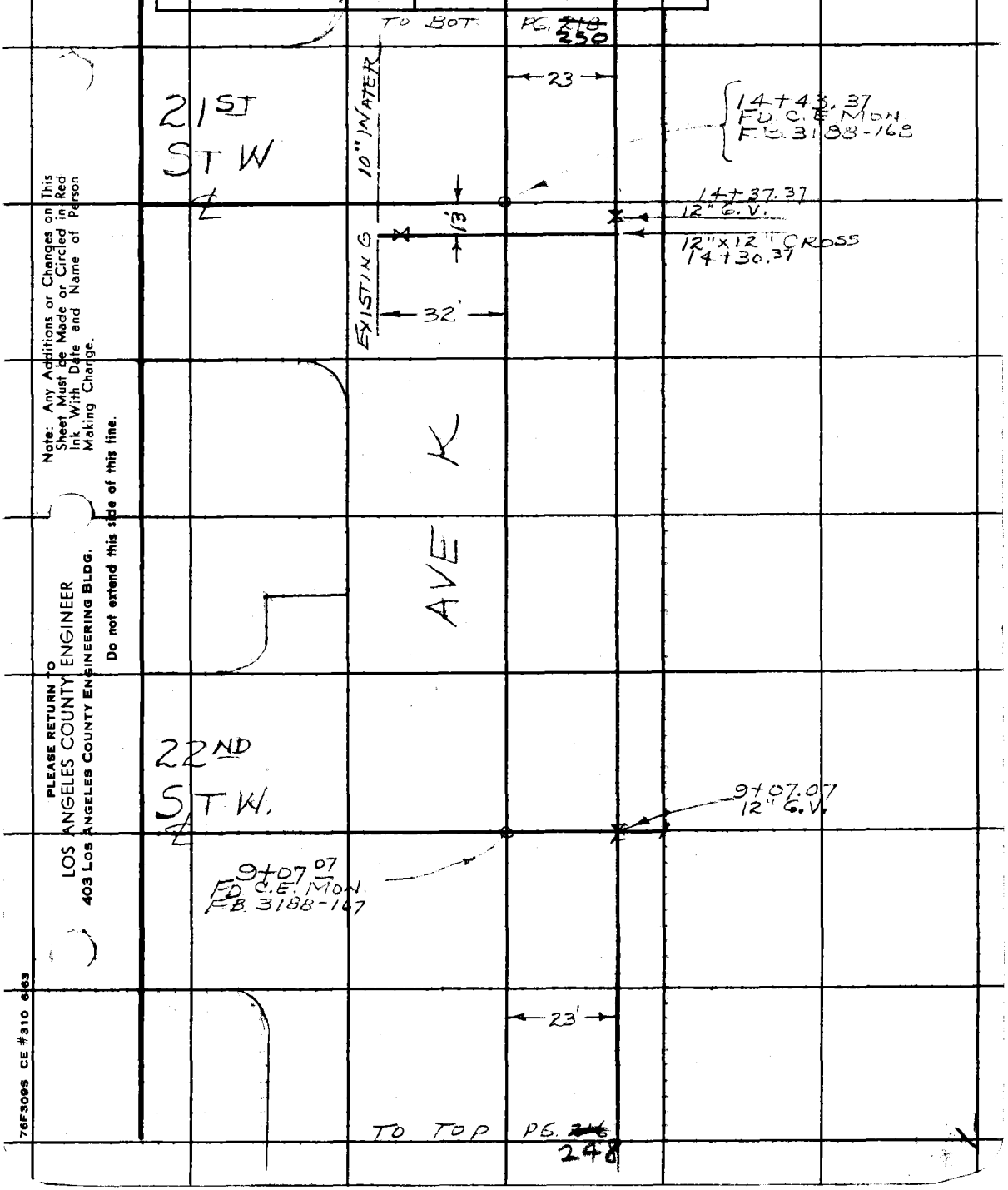
Notes Ck'd by	Survey of W. W. DIST. #4
Map No.	JN 5042.95 Tape 10 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 10-4-71
Date	Indexed C. J. GALLI [illegible] 7 '72

F. B. 3188 PG. [illegible]



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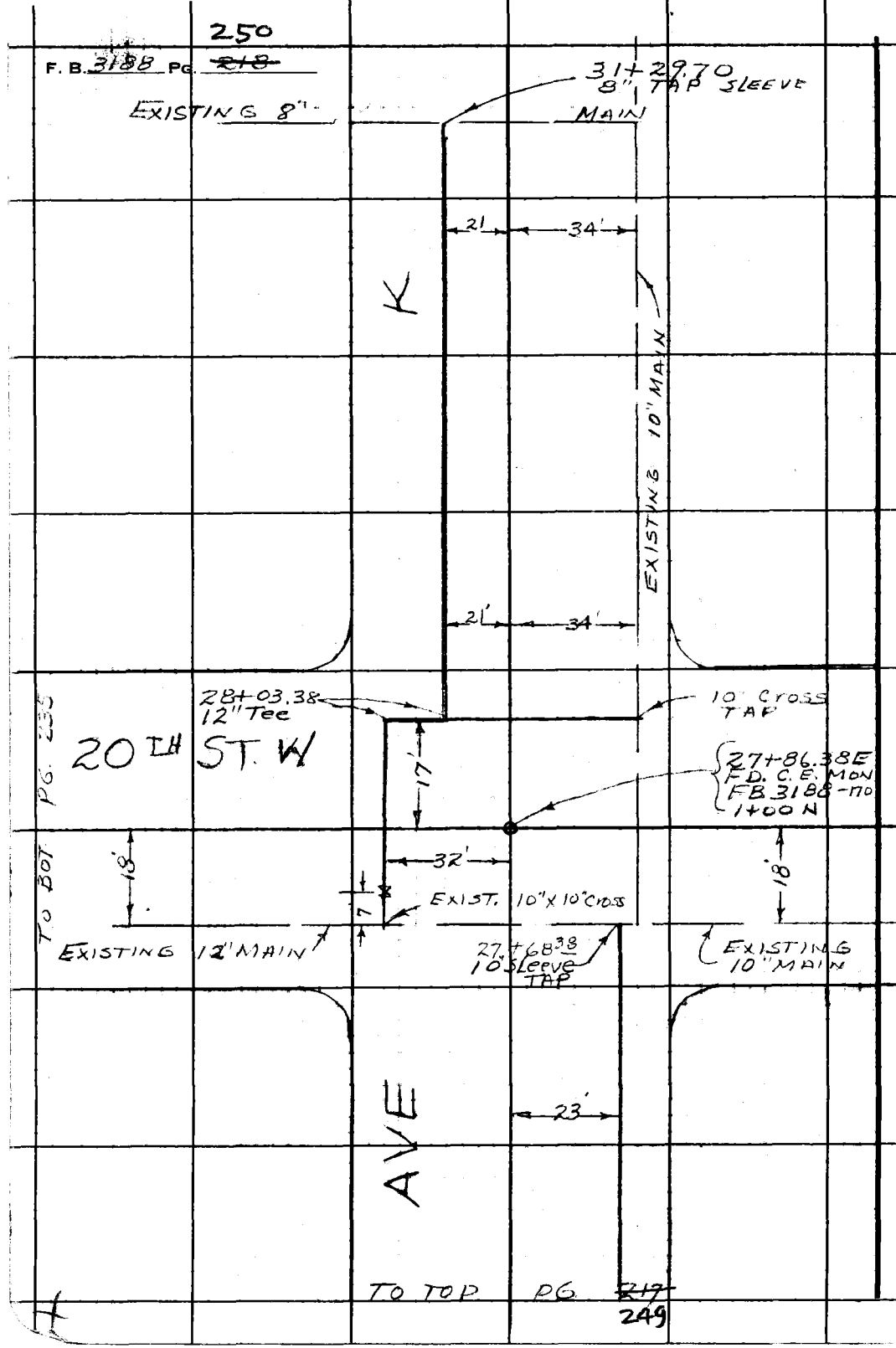
76F3095 CE #310 6-63

250

F. B. 3188 PG. ~~218~~



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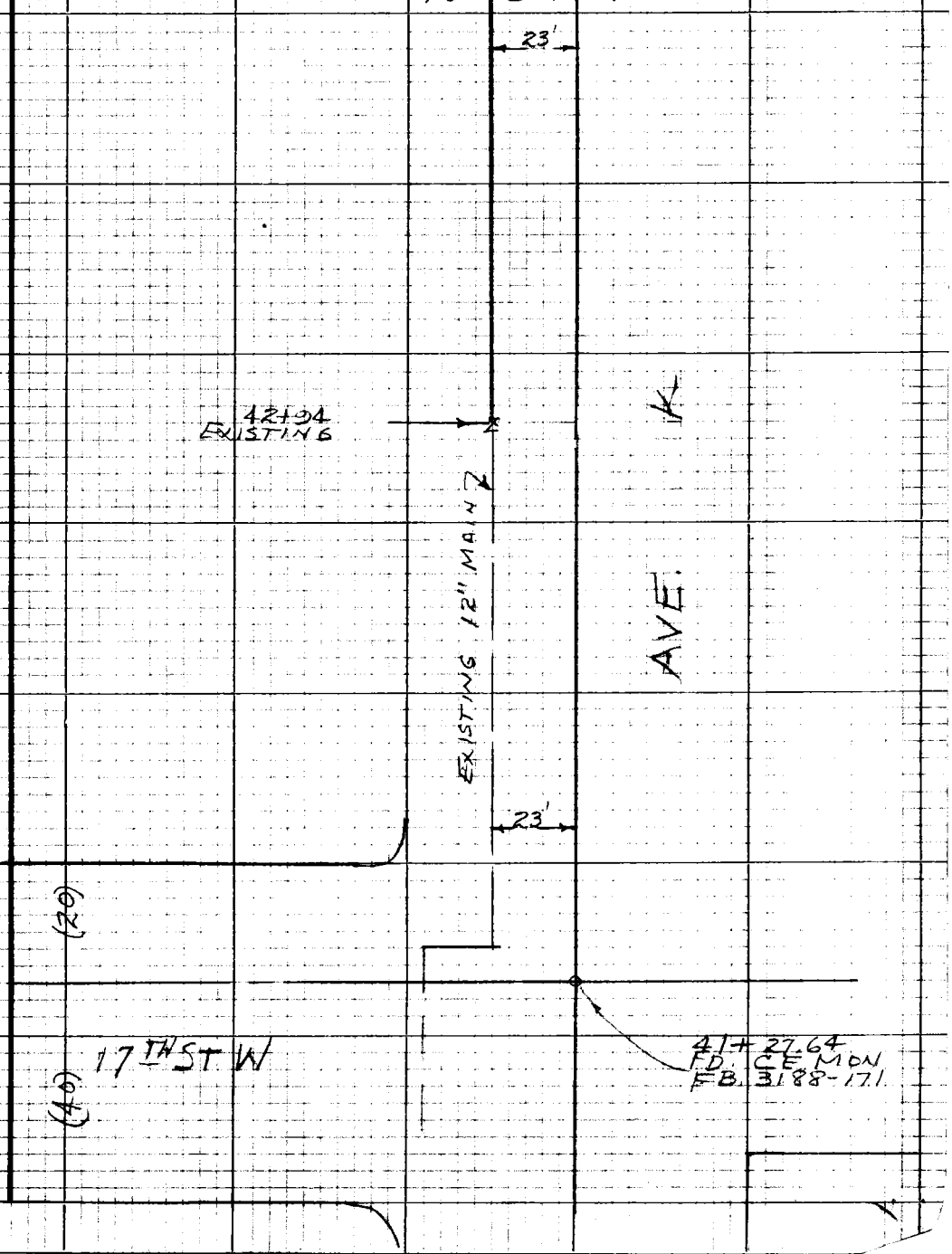
Notes Ck'd by	Survey of W.W. DIST # 4	F.B. 3188 Pg. ~~219~~ 251
Map No.	JN 504295 Tape 237 Std 84°F	
Office Work	Surveyed by JS Coates	
Checked	Notes JSC Date 10-15-71	
Date	Indexed C. J. GALLI MAR 7 72	

252

TO BOT PG. ~~220~~



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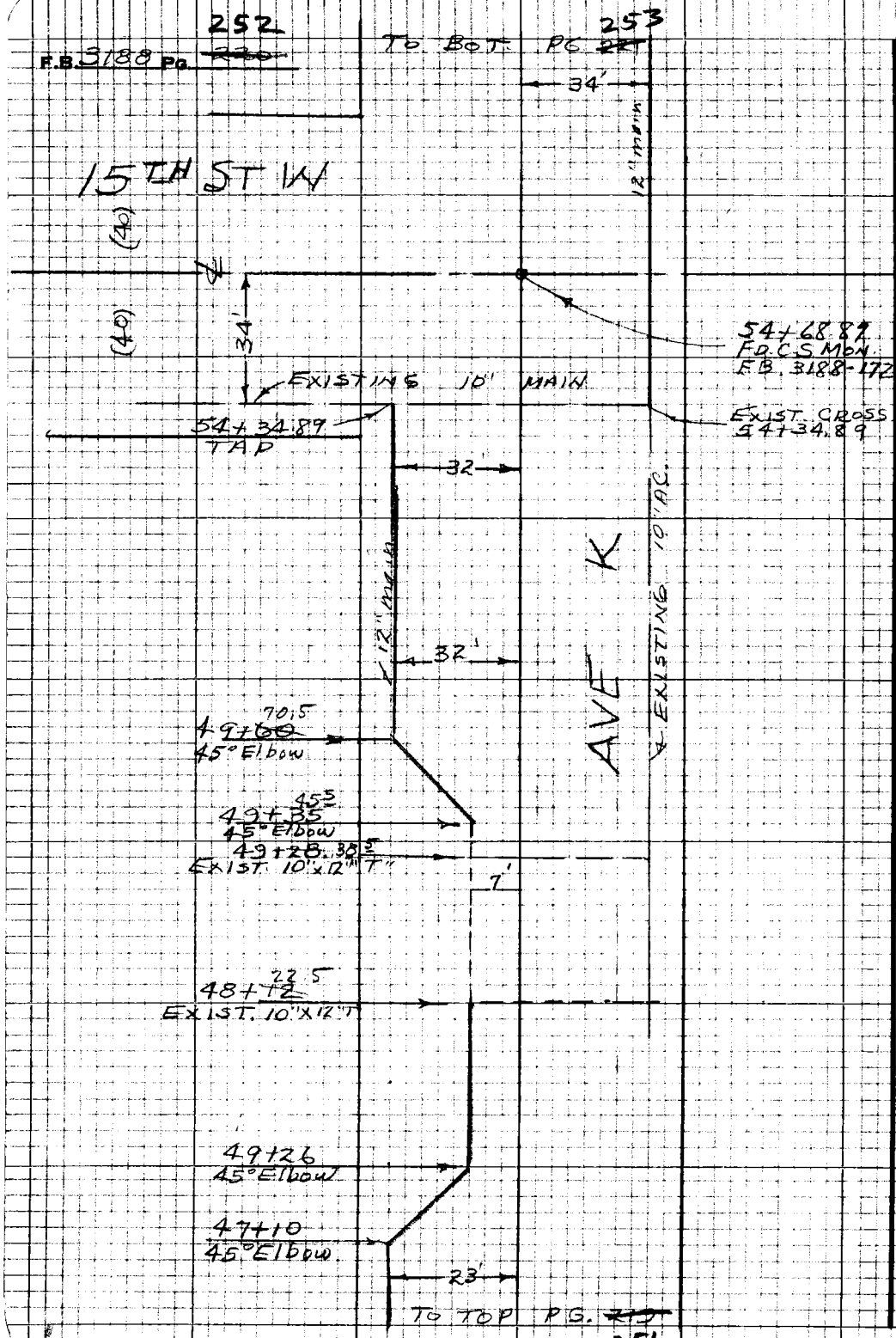
76P3098 CE #310 5-66



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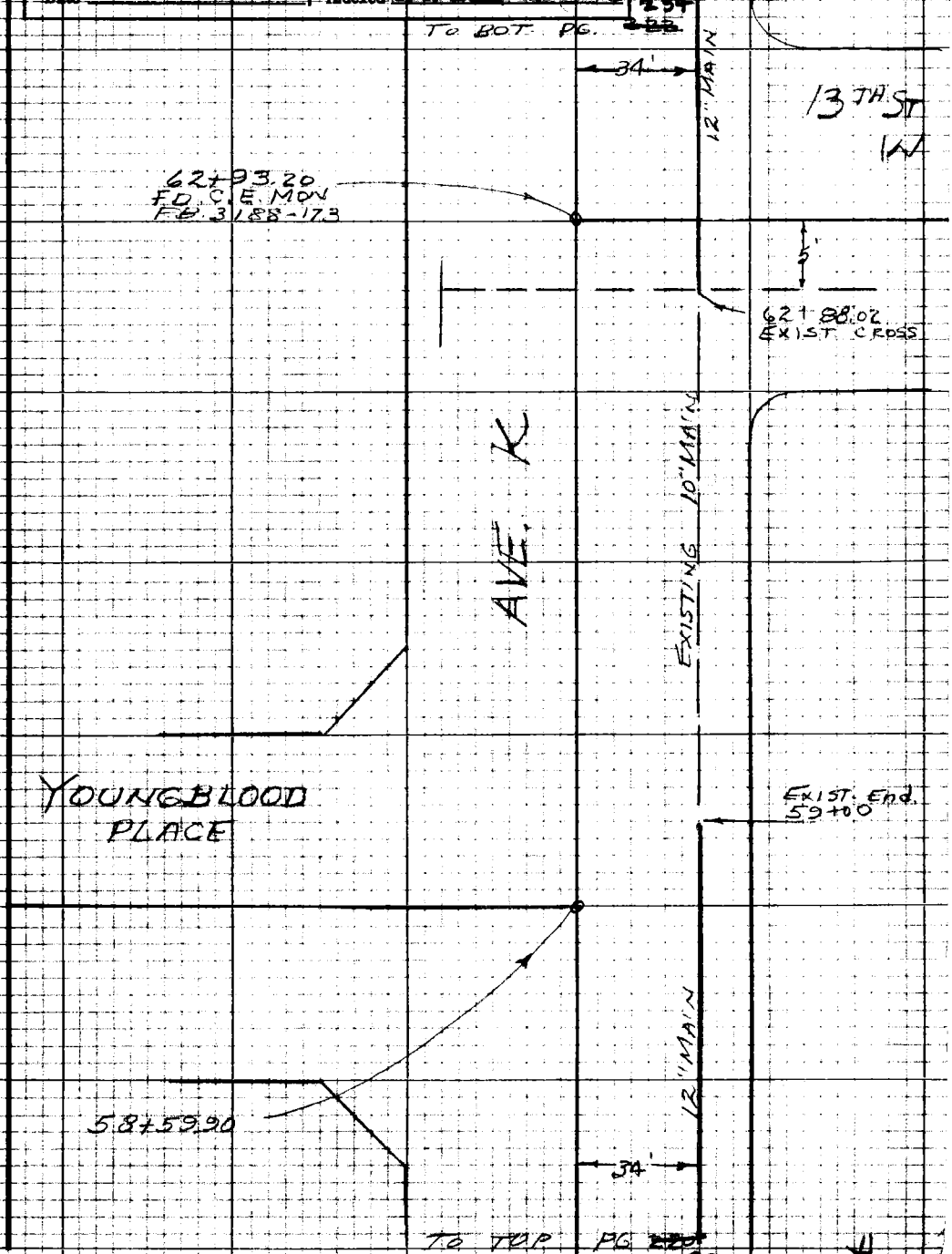
Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN 50 92 95 Tape 237 Std 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes USC Date 10-15-71
Date	Indexed C. J. GALLE ? '72

F.B. 3188 Pg. ~~221~~



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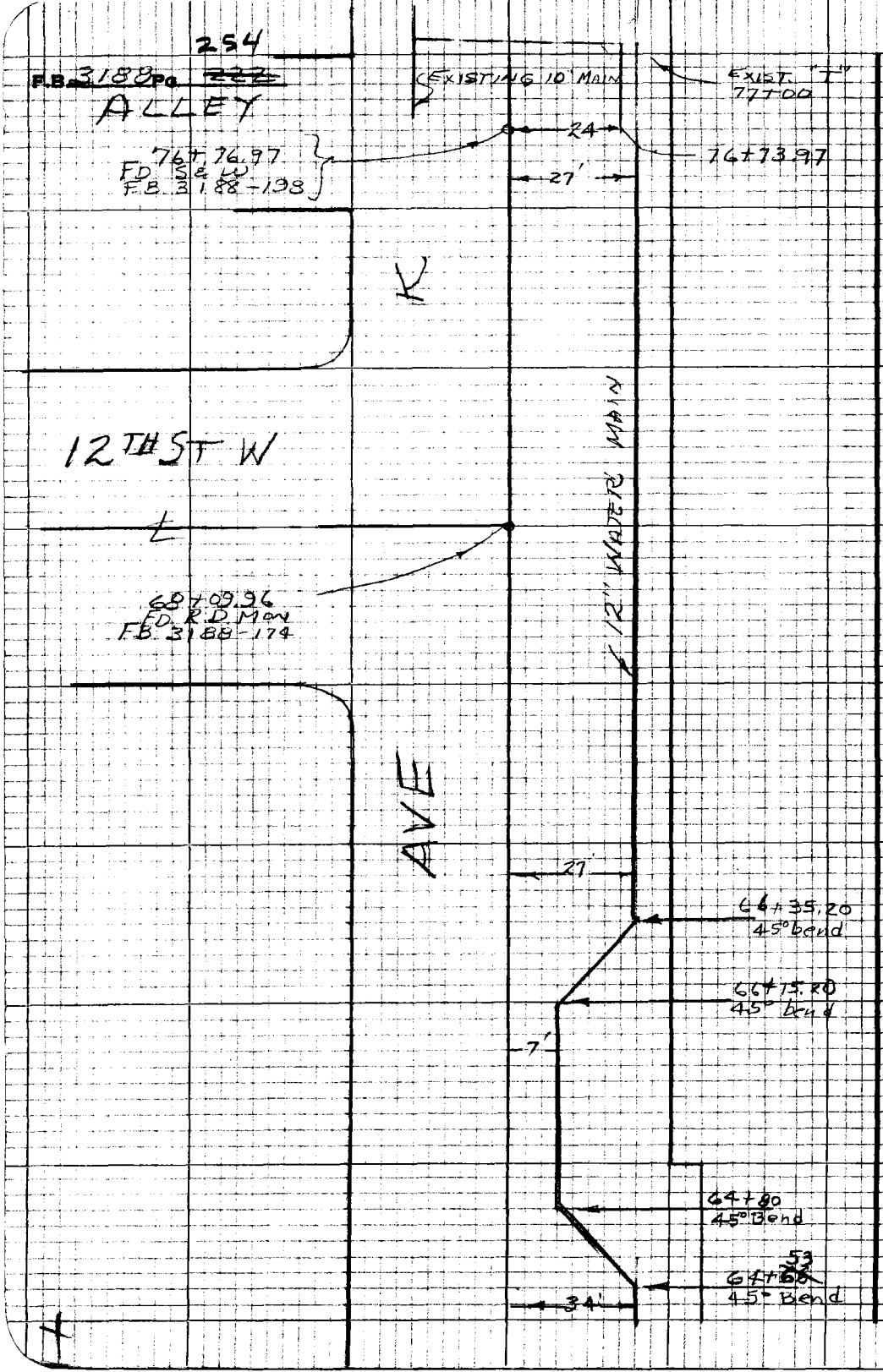
76P3098 CE #310 8-66



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Profile No.	Notes Red	Plotted	Job No. 5042.95	Division No.	F. B. 3188	Pg. 255 ~~223~~
	Date	Date	Survey of WATERWORKS DIST. # 4			
X-Sec. No.	Notes Chk'd.	Checked	Survey by JS COATES	Notes JSC	Date 11-1-71	
	Date	Date	Map No.	Indexed C. J. GALLI	Date MAR 7 '72	

J.N. 5042.95

WATER WORKS DIST #4

AVE. K

WATERMAIN EXTENSION

SPEC. # W.W.D-4-429

STATION	B. S.	H. I.	F. S.	ELEV.
				COATES ADAMS EITEL CROWE

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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 AV 262				2386.94	BM AV 262 Elev. 2386.941 FB 2139-58 C.S. [illegible]			
		Ground Elev OVER PIPE			%	Flow Line GRADE	CUT	
0+75	Tapping T'on			87.47		2382.25	5.22	Set SET 6'N. ℄ of pipe
1+00				87.58		82.17	5.41	
+50				87.68		82.01	5.67	
2+00				87.62	0.32%	81.85	5.77	
+50				87.32		81.69	5.63	
3+00				87.02		81.53	5.49	
3+10	45° Bend			86.95		2381.50	5.45	
3+26	45° Bend	2385.7		86.18		2380.50	5.68	
3+50				86.11		80.34	5.77	
4+00				85.90	0.21	80.23	5.67	
+50				85.75		80.12	5.63	
5+00		2385.2		85.51		2380.00	5.51	
+50				85.48		79.72	5.76	
6+00				85.31		79.45	5.86	
+50				84.81	.55%	79.17	5.64	
7+00				84.45		78.90	5.55	
+50				84.25		78.62	5.63	
8+00				83.98		78.35	5.63	
+50				83.80		78.07	5.73	

F. B. 3188 Pg. 226 ~~224~~
Job No. 5042.95 Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of W.W. DIST. #4 Date ____ Date ____ No. ____
Survey by JSC Notes JSC Notes Chk'd. ____ Checked ____ X-Sec.
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	%	Flow Line GRADE	CUT		
9+00		Ground Elev. over Pipe		83 61		2377.80	5.81	Set	SET 6" N ℄ pipe
9+07	Valve			83 59		77.80	5.79		
9+50		3.0		83 51		77.80	5.71		
10+00				83 33	0.00%	77.80	5.53		
+50				83 48		77.80	5.68		
11+00				83 53		77.80	5.73		
+50				83 73		77.98	5.75		
12+00				84 01		78.17	5.84		
+50				84 24	0.37%	78.35	5.89		
13+00				84 33		78.54	5.79		
+50				84 57		78.72	5.85		
14+00				84 61		78.90	5.71		
14+30.37	Cross	@ 21st St W.		84 70		2379.00	5.70		
14+50				84 70		79.02	5.68		
15+00				84 54		79.08	5.46		
+50				84 83	0.12%	79.14	5.69		
16+00				85 00		79.20	5.80		
+50				85 09		79.26	5.83		
17+00				85 27		79.32	5.95		
+50				85 50		79.38	6.12		
18+00				85 48		79.44	6.04		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5042.95 Division No. ____ F. B. 3188 Pg. 257 ~~226~~
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
Notes Chk'd. ____ Checked ____ Survey by JS Gates Notes JSC Date 11-1-71
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date MAR 7 '72

76-L-298 CE 307 5-66

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STATION	B. S.	H. I. Ground Elev.	F. S.	ELEV.	%	Flow Line Grade	Cut		
18+50				2385 65		2379.51	6.14		
19+00				85 61	0.13%	79.58	6.06		
+50				85 42		79.64	5.78		
20+00				85 32		2379.70	5.62		
+50				85 28		79.73	5.55		
21+00				85 53		79.75	5.78		
+50				85 40		79.78	5.62		
22+00				85 20		79.80	5.40		
+50				85 01		79.83	5.18		
23+00				84 87	0.046%	79.85	5.02		
+50				84 89		79.87	5.02		
24+00				84 96		79.90	5.06		
+50				85 00		79.92	5.08		
25+00				85 03		79.94	5.09		
+50				85 21		79.96	5.25		
26+00				85 43		79.98	5.45		
+50				85 72		2380.00	5.72		
27+00				86 52		2380.80	5.72		
+68.37	Exist. 8" Tapping 4"			87 40		2381.70	5.70		
BM105-4				87 76				BM 105-4 Elev. 2387.709 FB. Ave. K & 20th St. W. S.W. Cor. CE Mon. 'S' 'W. & INT	

F. B. 3188 Pg. 258 ~~226~~

Job No. 5042.05 Division No. Notes Red Plotted Profile

Survey of W. W. DIST. #4 Date Date No.

Survey by LS Coates Notes JSC Notes Chk'd. Checked X-Sec.

Indexed C. J. GALLI Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	%	Flow Line Grade	CUT		
27+68 38				2386.93		2381.40	5.53	Set SET 10' N. ℄ pipe	
28+03 38 E				87.11		82.00	5.11	"	" "
1+32 N.				87.41		82.00	5.41	"	10' W. ℄ pipe
1+00 N				87.74		82.50	5.24	"	"
0+66 N				87.80		82.60	5.20	"	" "
28+03 38 E				87.60		2382.30	5.30	"	10' S. ℄ pipe
+50				87.74		"	5.44		
29+ 00				87.73		"	5.43		
+ 50				87.56		"	5.26		
30+00				87.45		"	5.15		
+50				87.56		"	5.26		
31+00				87.61		"	5.31		
+29 70 E	EXIST. 8" TOPP T			87.67		2382.30	5.37		
BM AV106				2389.85				BM AV106 F.B. 2170 -30 Elev 2389.848	
T.P.				90.63					
42+94	Valve			91.68 91.20		86.20	5.00		
44+00				90.89		85.89	5.00		
45+00				90.37		85.47	4.90		
46+00				89.80		84.80	5.00		
47 +10	45°	Bend		89.25		84.25	5.00		
47+26	45°	Bend		89.82		84.26	5.56		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5042.95 Division No. ____ F.B. 3188 Pg. 259 227

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

Notes Chkd. ____ Checked ____ Survey by JS Cates Notes JSC Date 4-1-71

Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	%	Flow Line Grade	CUT		AVE. K
47+78				2389.72		2383.22	6.50	✓	
48+00									
48+~~12~~ 22.5	EXIST.	"T"		89.58		2384.95	4.63	✓	
49+~~28~~ 38.5	EXIST.	"T"		90.01		2385.15	4.86	✓	
49+45.5	45° Bend			90.09		85.09	5.00	✓	
49+70.5	45° Bend			89.85		84.85	5.00	✓	
50+00				89.89		84.89	5.00	✓	
51+00				90.36		85.36	5.00	✓	
52+00				90.74		85.74	5.00	✓	
53+00				91.43		86.43	5.00	✓	
54+00				91.97		86.97	5.00	✓	
54+34.89 N. Side	CROSS			92.64		87.20	5.44	✓	
54+34.89 S. Side				93.35		87.20	6.15	✓	
55+00				93.15		84.53	8.62	✓	
55+~~40~~ 30		93.32		93.80		82.80	~~10.50~~ 11.20	✓	
55+50 40				94.05		82.80	10.75	✓	
56+00		94.44		94.37		~~86.12~~ 85.62	8.75	✓	
56+62				94.75		~~89.05~~ 88.55	~~5.70~~ 6.20	✓	
57+00				95.04		89.12	5.92	✓	
58+00				93.47		89.30	4.17	✓	
59+00		94.95 pav		93.98		89.48	4.50	✓	
62+88.20	CROSS	@ 13th ST. W		95.89		90.~~90~~ 50	5.39 4.99	✓	

4

F.B. 3188 Pg. ~~228~~ 260
Job No. 5042.95 Division No. Notes Red Plotted Profile
Survey of W W DIST. # 4 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GALLI Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	%		AVE. K
63+00				2395.92		2390.83	5.09	Set	SET 5' N. ℄ 12" main
64+00				95.33		90.22	5.11		
64+52	45° BAND			94.75		89.90	4.85		
64+80	45° Band			95.18		90.10	5.08		
65+00	not Set								
65+18.35	BAND	DOWN		94.62		89.60	5.02		
65+31.35	" "	"		94.56		84.50	10.06		
65+41.35	" "	"		94.56		84.50	10.06		
65+59.35	" "	"		94.68		89.60	5.08		
66+15.20	45° BAND			95.63		90.08	5.55		
66+35.20	"	"		95.17		90.30	4.87		
67+00				95.49		90.64	4.85		
68+00				95.88		91.17	4.71		
69+00				96.52		91.70	4.82		
70+00				97.00		92.23	4.77		
[illegible]00				97.77		92.75	5.02		
72+00				98.12		93.35	4.77		
73+00				98.95		93.95	5.00		
74+00				99.25		94.55	4.70		
75+00				99.96		95.15	4.81		
76+00				2400.65		95.75	4.90		

Profile Notes Red ____ Plotted ____ Job No. 5242.25 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #2
X-Sec. ____ Notes Chk'd. ____ Checked ____ Survey by JSC Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. Gill Date ____ F. B. 31 PG. 2

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	AVE. K.
76+73.12	45° BEND			2401.51		2396.61	4.90	
76+76.12	" " "			01.87		96.84	5.03	
77+00	TEE			02.13		2397.10	5.03	
[illegible]				[illegible]		BM [illegible] Elev. [illegible] .60 FB. 2417 [illegible]		

F. B. Pg. 262 Job No. [illegible] 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.