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

F. B. PG.

Microfilmed Jan 85

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

Survey of
JN Tape Std
Surveyed by
Notes Date
Indexed

F.B. 3452 Pg.

		Description
		W.W. DIST. NO. 4 5045.02
5-11	Bdry.	Bdry. survey of Well Site #28 @ Ave. K-8 & 25th St. W.
13-14	B.M.	Bench levels on the above.
15-19	B.M.	Bench levels on Well Site #17 @ Trevor Ave. & Pillsbury St.
21-26	Bdry.	Bdry. survey of Well Site #24 @ Ave. E--8 & 25th St. E.
27-31	B.M.	Bench levels on the above.
33-35	Bdry.	Bdry. survey of Pumping Plant Site @ Ave. L-12 & 60th St. W.
37-40	B.M.	Bench levels on the above.
		W.W.DIST. NO. 4 5042.46
41-42	Topo.	Loc. of Watermain on 18th St. West & Lancaster Blvd.
43-44	B.M.	Levels on the above area
45-50	Bdry.	Well #33 - Bdry. & Lot Corners @ Division St. & Ave. K-8
51-52	B.M.	Bench levels to establish elevations on North property line of above Well Site.

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F. B. _____ Pg. _____

PWFB 3523

562

Notes Ck'd by W. EDMONDSON	Survey of W.W. Dist #4
[illegible] B-6012	[illegible]
Office Work G. H. BOYER	Surveyed by J.S. Coates
Checked W. EDMONDSON	Notes JSC Date
Date MAY 2, 4 '68	Indexed

F.B. [illegible] Pg. [illegible]

J.N. 50 45.02

WATERWORKS DIST. #4

WELL SITE #28

AT

AVE K-8 & 25TH ST W

BOUNDARY SURVEY

COATES
VAN NESS
ADAMS
NORDSTROM

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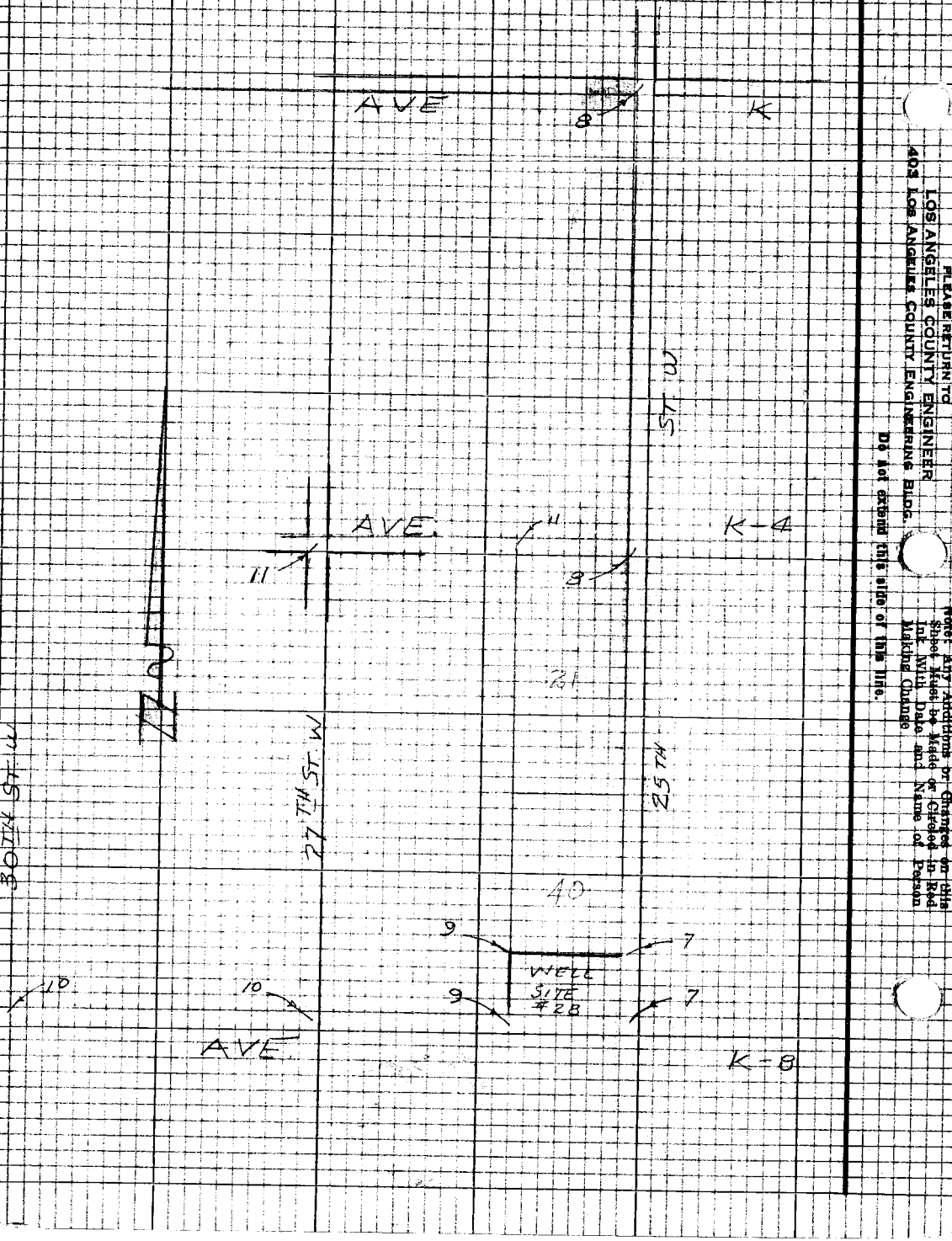
75P3098 CK #310 8-66

PWFB 3523

F.B. 3452 Pg. 6

563



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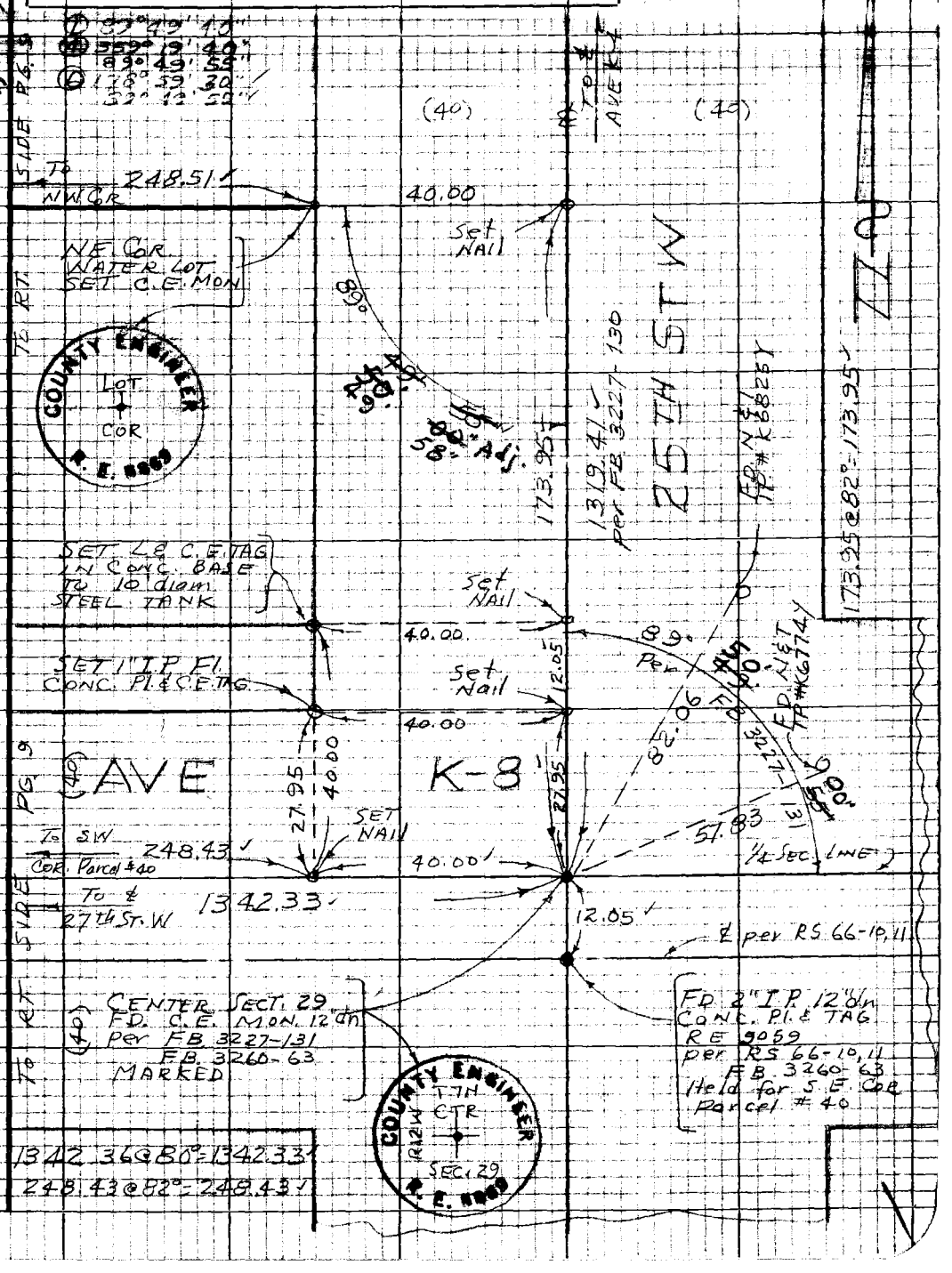
564

Notes Ck'd by W. EDMONDSON	Survey of WW Dist #4
Map No. B-5012	5049.02 Page 133 Set 84-77
Office Work G. H. BOYER	Surveyed by J. S. Hayes
Checked W. EDMONDSON	Notes JSC Date 3/28/68
Date MAY 2 4 '68	Indexed

F.B. 3457 Pg. 7

TO BOT
Pg. 8



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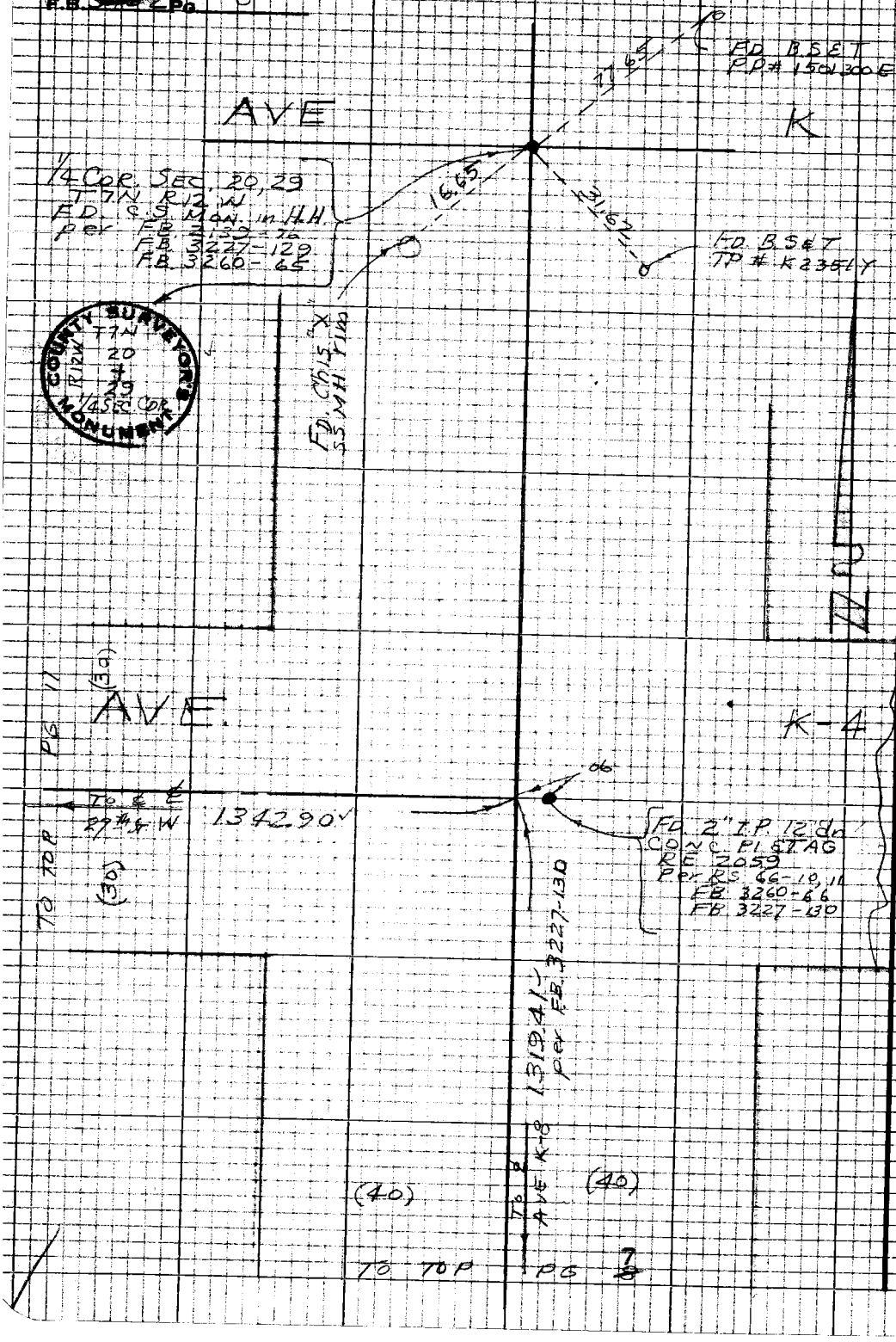
76P3098 CE #310 5-66

PWFB 3523

565, 566, 567

F.B. ~~346~~ 2 Pg. ~~8~~



W 571-D-5

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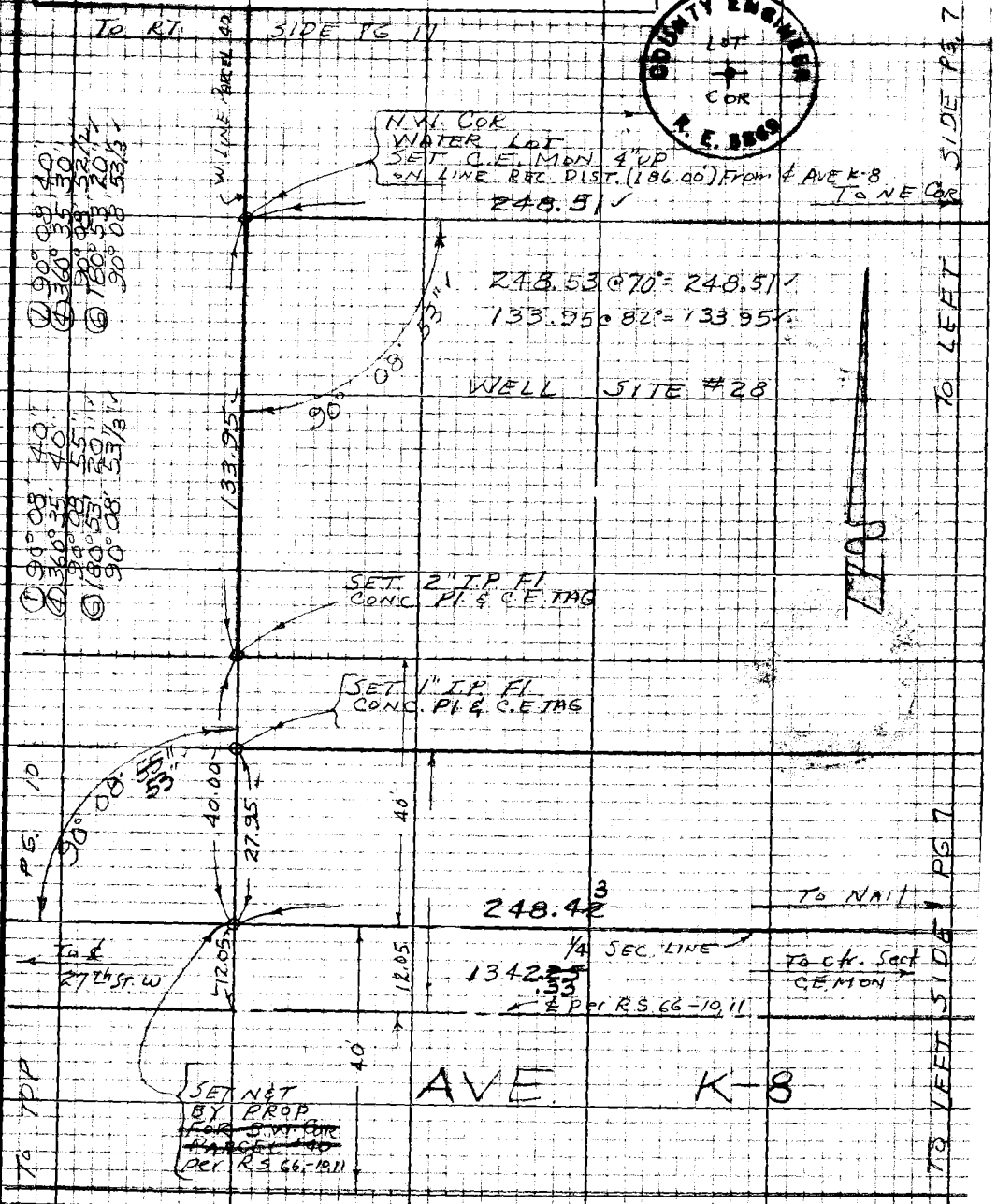
PWFB 3523

568

Notes Ck'd W. EDMONDSON	Survey of [illegible] DIST # 1
Map No. B-5012	JN [illegible] Tape 133 [illegible]
Office Work G. H. BOYER	Surveyed by J. S. [illegible]
Checked W. EDMONDSON	Notes JSC Date 3/28/68
Date NOV 2 4 '68	Indexed [illegible]

F.B. [illegible] Pg. 9

COUNTY ENGINEER LOT COR R. E. 3569



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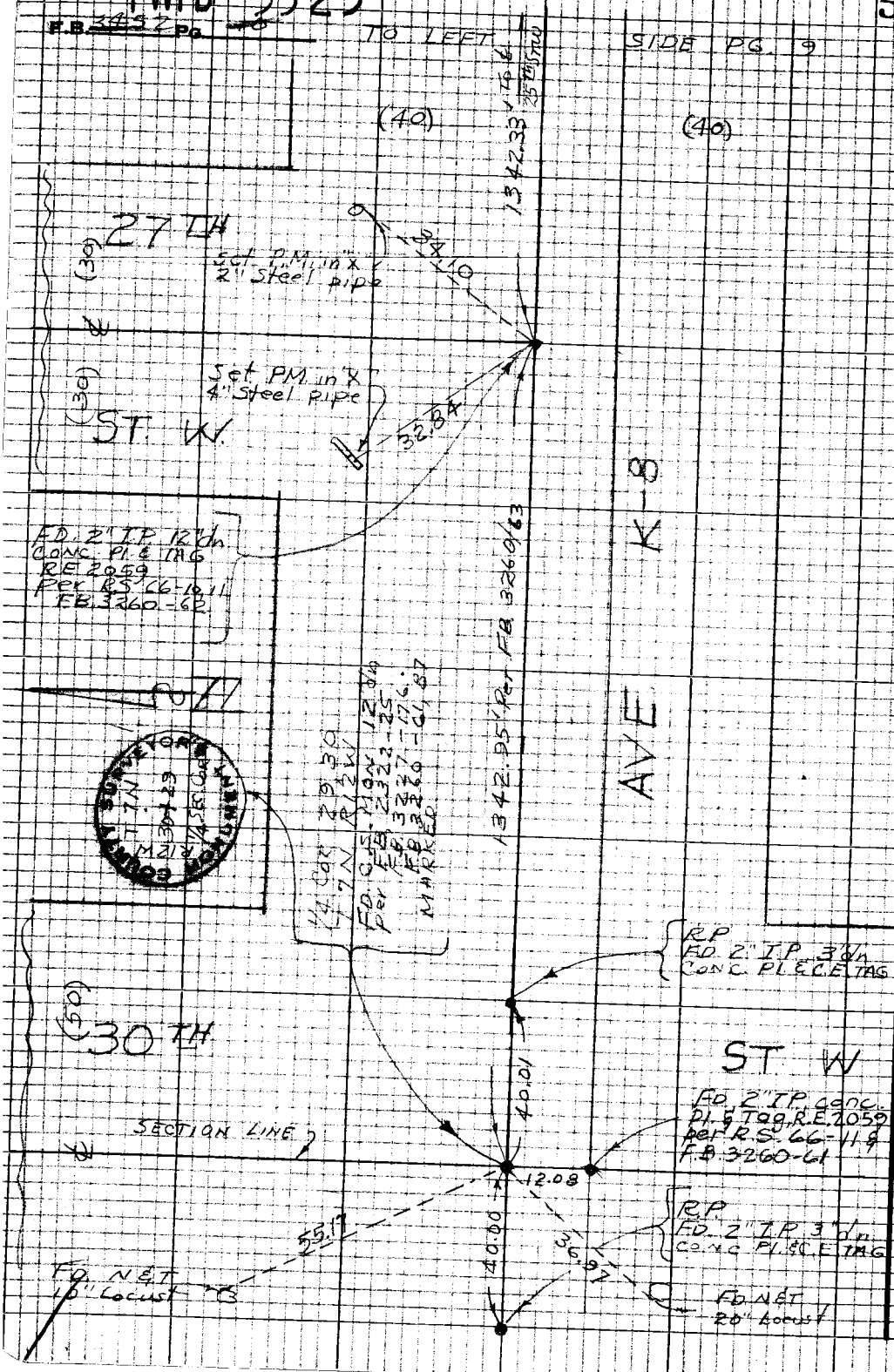
PWFB 3523

F.B. 3452 Pg. 10

569, 570, 571



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RWFB 3523

572

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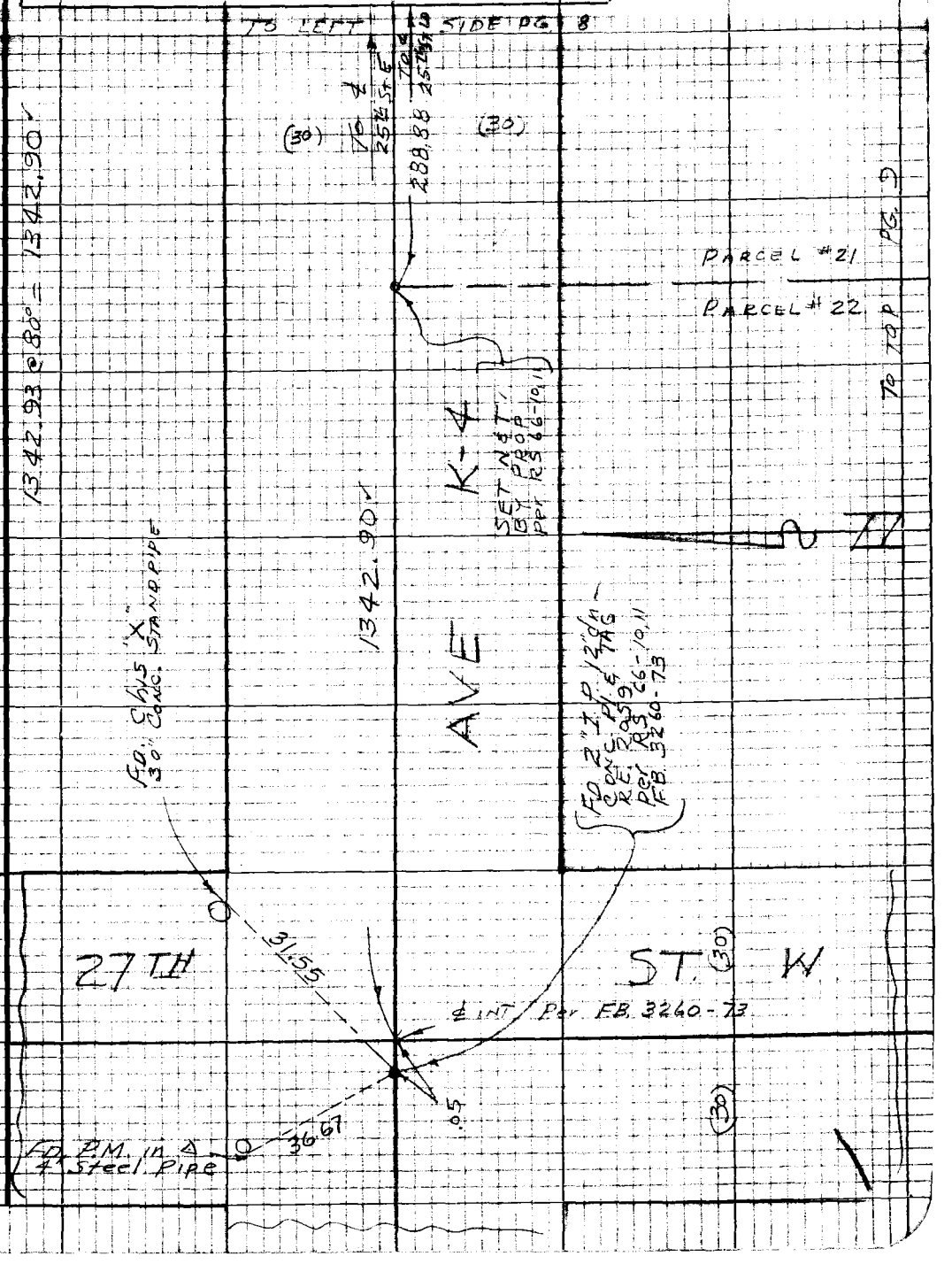
Map No. B-5012	[illegible]
Office Work G. H. BOYER	Surveyed by [illegible]
Checked W. EDMONDSON	Notes JSC Date 3/28/68
Date MAY 2 4 '68	Indexed [illegible]

F.B. [illegible] Pg. [illegible]



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F. B. 3457 Pg. 13

Profile Notes Red _____ Plotted _____ Job No. 5045.02 Division No. 11

No. _____ Date _____ Date _____ Survey of W. W. DIST. #4 WELL SITE #28

X-Sec. Notes Chkd. W. EDMONDSON Checked _____ Survey by J. S. COATES Notes VAN NESS Date 3-2-38

No. _____ Date 3-2-38 Date _____ Map No. _____ Indexed C. J. GALLI Date _____

J. N.

5045.02

WATERWORKS DIST #4

WELL SITE #28

AT

AVE K-8 & 25TH ST W

BENCH LEVELS

COATES
VAN NESS
ADAMS
NORDSTROM

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

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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.B.M. #2				2417.23'	T.B.M. #2 ELEV. 2417.23' F.B. 3137-188	
					FD. BT. SPK. IN S.W. SIDE OF T.P. # K6774Y	
					18.2' N. & 55.0' E. ℄ INT. AVE K-8 & 25TH ST. W.	
	1.89	2419.12'				
B.M. NC 1240			6.27	2412.85'	B.M. NC 1240 EL.:	F.B. 3452/14 25TH ST. W. & AVE K-8
					186' N. & 40' W. ℄ A.C.E. MON AT N.E. COR. WELL SITE #28	
	4.78	2417.63'				
B.M. NC 1241			1.44	2416.19'	B.M. NC 1241 EL.:	F.B. 3452/14 25TH ST. W. & AVE K-8
	1.46	2417.65'			186' N. & 288'± W. ℄ INT. A.C.E. MON AT N.W. COR.	
T.P.			6.57	2411.08'	WELL SITE #28	
	4.38	2415.46'				
T.P.			6.29	2409.17'		
	1.94	2411.11'				
T.B.M. #1			5.94	2405.17'	T.B.M. #1 ELEV.: 2405.19' F.B. 3137-188	
					FD. BT. SPK. IN W. SIDE T.P. # K6820Y 1440'± S.	
					OF AVE. K & 20.3' E. OF 25TH ST. W.	

F.B. 3452 PG. 14

Survey of WATERWORKS DIST. #4 WELLSITE #28 Division No. 11 Job No. 5046.02 Notes Red ____ Plotted ____ Profile ____
Survey by T.S. COATES Notes VAN NESS Date ____ No. ____ X-Sec. ____
Indexed E.J. GALL Date 3-29-68 Checked W. EDMONDSON Date MAY 2 4 '68 Notes ____ No. ____

W. EDMONDSON

NOTES RED _____ JOB NO. 5045 SURVEY OF V. N. L. #1

DATE APR 2 3 '58 SURVEY BY J S COATES

NOTES CHKD. _____ NOTES BY J. [illegible] DATE [illegible]

DATE _____ INDEXED [illegible] DATE _____

F. B. 2452 PG. 15

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DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 5045.02 WATER WORKS DIST. #4 WELL SITE #17 AT TREVOR AVE & PILLSBURY ST BENCH LEVELS		COATES VAN NESS ADAMS NORDSTROM	Elevations based on precise level Net #101 1958 adjustment Boundary Survey see F.B. 2292-21 to 26			

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765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FB BM101-130	2362.388				2362.388	BM101-130 Elev. 2362.388 FB. 2410-40
+	5.432		5.549			At Lancaster, 0.3 mi. S. along the
⅄	67.820	+3.757	3.759	+3.758		S.P.R.R. Sta. 85.5 ft. S.E. of the
−	1.675		1.790			S.E. Cor. of Semaphore 4057, 45.4
TP	66.145					ft. E. of the East rail of the
+	4.034		4.128			main track, 3' S. of a telephone
⅄	70.179	−0.564	0.562	−0.563		Pole, 2.0' N. of a witness post,
−	4.598		4.690			about 1' Lower than the track and
SET BMNC1242	2365.581				2365.583	set in the top of a Conc. post 4" up
+	6.590		6.724			BMNC1242 Elev. FB.
⅄	72.171	+2.938	+2.937	+2.938		NORBERRY ST. @ E'Ly R/W S.P.R.R.
−	3.652		3.787			A C.E. MON 12" dn
SET BMNC1243	2368.519				2368.521	BMNC 1243 Elev. FB. 3452/16
+	5.863		6.037			Nugent St. @ E'Ly R/W of SPRR
⅄	74.382	+2.292	2.295	+2.293		A C.E. MON 12" dn
−	3.571		3.742			
SET BMNC1244	2370.811				2370.814	BMNC1244 Elev. FB 3452/16
+	3.999		3.887			OLDFIELD ST. @ E'Ly R/W SPRR.
⅄	74.810	−1.828	−1.832	−1.830		A C.E. MON. 16" dn
−	5.827		5.719			
T.P.	2368.983					
+	3.460		3.680			
⅄	72.443	−1.150	−1.150	−1.150		
−	4.610		4.830			
SET BMNC1245	2367.833				2367.834	BMNC1245 Elev. FB 3452/16
+	5.763		5.942			OVINGTON ST (N. Side) 225± W. of
⅄	73.596	+0.955	+0.958	+0.956		Trevor Ave. 125± N. of OVINGTON ST.
−	4.808		4.984			A 2" I.P. @ N.W. Cor. well Site #17
SET BMNC1246	2368.788				2368.790	See next page

JOB NO. 7045.02 SURVEY OF W.W. DIST #4
SURVEY BY J.S. COATES
NOTES BY J.S.C. DATE 4/1/68
INDEXED DATE
NOTES REDUCED W. EDMONDSON DATE APR 2 3 '68
NOTES CHKD. DATE

F.B. 3452 Pg. 16

76S420 S & E-353 4-54

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W. EDMONDSON
NOTES RED JOB NO. 50[illegible] SURVEY OF [illegible]
DATE [illegible] 2 3 '68 SURVEY BY J S COATES
NOTES CHKD. NOTES BY C. J. GALLI DATE
DATE INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM NC1246 set	2368.788				2368.790	BM NC1246 Elev FB 3452/
+	4.273		4.340			ovington St. (N. Side) 225'± u
⊼	73.061	+2.693	2.692	+2.693		℄ Trevor Ave. and 25' N. ℄
−	1.580		1.648			ovington St. A 2" I.P. @ S.W. Cor. We
BM NC1247 set	2371.481				2371.483	BM NC1247 Elev. FB. 3452
+	1.634		1.681			ovington St. (N. Side) 210'± u
⊼	73.115	+0.664	+0.663	+0.664		trevor Ave. and 50'± N. ℄ ov
−	0.970		1.018			St. A B.S. Set in lead on N.E. Cor
TP	2372.145					Conc. base to pump.
+	5.880		6.062	6.143		
⊼	78.025	+2.868	+2.862	+2.864	+2.863	
−	3.012		3.200	3.279		
TP	2375.013					
+	5.385		5.681	5.731		
⊼	80.398	+1.887	+1.393	+1.888	+1.887	
−	3.498		3.788	3.843		
T.P.	2376.900					
+	5.960		6.095			
⊼	82.860	+3.273	+3.274	+3.273		
−	2.687		2.821			
BM FD	2380.173				2380.170	BM Elev. 2379.84 FB. 313
+	5.084		5.203			A B.S. in L in Conc. footing to we
⊼	85.257	−0.334	−0.337	−0.336		@ Trevor - So main yard
−	5.418		5.540			
TP	79.839					
+	4.868		5.012			
⊼	84.707	+0.770	+0.769	+0.769		
−	4.098		4.243			
BM 101-128 FD	2380.609				2380.603	BM 101-128 Elev. 2380.~~226~~ 603 FB. 2[illegible]
						Ave J & SPRR S.W. Cor. 49'S [illegible]
						W. ℄ INT A CEMON in 12"x12" [illegible]

F.B. 3452 PG. 17

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B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
FD BM101-128	2380.609				2380.603	BM101-128 Elev 2380.226 FB 2410-39
+	3.445		3.321			
⊼	84.054	-2.506	-2.505	-2.506		
−	5.951		5.826			
TP	2378.103					
+	3616		3.688	3.760		
⊼	81.719	-2.114	-2.121	-2.120	-2.120	
−	5.730		5.809	5.880		
TP	2375.989					
+	3.613		3.728			
⊼	79.602	-1.936	-1.935	-1.936		
−	5.549		5.663			
TP	2374.053					
+	2.468		2.584			
⊼	76.521	-3.232	-3.235	-3.233		
−	5.700		5.819			
FD. BMNC1244	2370.821				2370.808	BMNC1244 Elev. FB. 3452/16
+	3.603		3.738			OLDFIELD ST. @ E'ly R/W S.P.R.R.
⊼	74.424	-2.291	-2.290	-2.291		A C.E. Mon. 12" dn.
−	5.894		6.028			
FD. BMNC1243	2368.530				2368.517	BMNC1243 Elev. FB. 3452/16
+	3.781		3.709	3.581		Nugent St. @ E'ly R/W SPRR
⊼	72.311	-2.931	-2.938	-2.931	-2.931	A C.E. Mon 12" dn
−	6.712		6.647	6.512		
FD BMNC1242	2365.599					BMNC1242 Elev. FB. 3452/16
+	4.401		4.542		2365.586	Norberry St. @ E'ly R/W SPRR.
⊼	70.000	+0.516	+0.519	+0.518		A C.E. Mon. 12" dn
−	3.885		4.023			
TP	2366.115					

F.B. 3452 PG. 18

JOB NO. 504502 SURVEY OF W.W. Dist #4 NOTES RED. W. EDMONDSON
SURVEY BY JS COATES DATE APR 23 '68
NOTES BY JSC DATE 4/1/68 NOTES CHKD.
INDEXED DATE DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2366.115					
+	1.970		2.066			
⊼	68.085	3.718	3.714	-3.716		
—	5.688		5.780			
FD BM101-130	2362.397				2362.388	BM 101-130 Elev. 2362.388 FB.241 10
+	5.023		5.080			
⊼	67.420	-0.926	-0.922			
—	5.949		6.002			
FD BM101-129	2361.471					BM 101-129 Elev. 2361.473 FB.241 [illegible] Lancaster along S.P.R.R. 200' S. Sta. 80' S. of Semaphore 4055 4057 75' W of ctr. of main tanks 137' E. of the ctr. Sierra Hwy Shell oil Co. yard, 25' W of E. [illegible] S.W. of NE Cor. of fence [illegible] of N'ly Hoy. tanks 6 foot [illegible] set in top of Conc. post [illegible] "A-57 1926" Flush.

W. EDMONDSON
NOTES RED
DATE APR 2 3 '68
NOTES CHKD.
DATE
JOB NO. [illegible]
SURVEY BY JS COATES
NOTES BY [illegible]
INDEXED [illegible]
SURVEY OF [illegible]
DATE [illegible]
DATE

F. B. 3457 PG. 19

F. B. 3452 PG. 20

JOB NO. 504502 SURVEY OF W. W. DIST. # 4 NOTES RED.
SURVEY BY JS COATES DATE
NOTES BY JSC DATE 4/1/68 NOTES CHKD.
INDEXED G. J. CALL DATE DATE DATE

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

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766420 S & E-353 4-54

PWFB 3826

Notes Ck'd by W. EDMONDSON	Survey of WATER DIST #4	F.B. 2457	Pg. 21
Map No. B-5010	D5045.02 Tape 133 Std 54°F		
Office Work R. BRIONES	Surveyed by J S COATES		
Checked W. EDMONDSON	Notes JSC Date 4/8/68		
Date MAY 2 4 '68	Indexed [illegible]		

J.N. 5045.02

WATER WORKS DIST #4

WELL SITE #24

BOUNDARY SURVEY

AT

AVE E-8 & 25TH ST E

COATES
VAN NESS
ADAMS
NORDSTROM

X

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76P3095 CE #310 8-66

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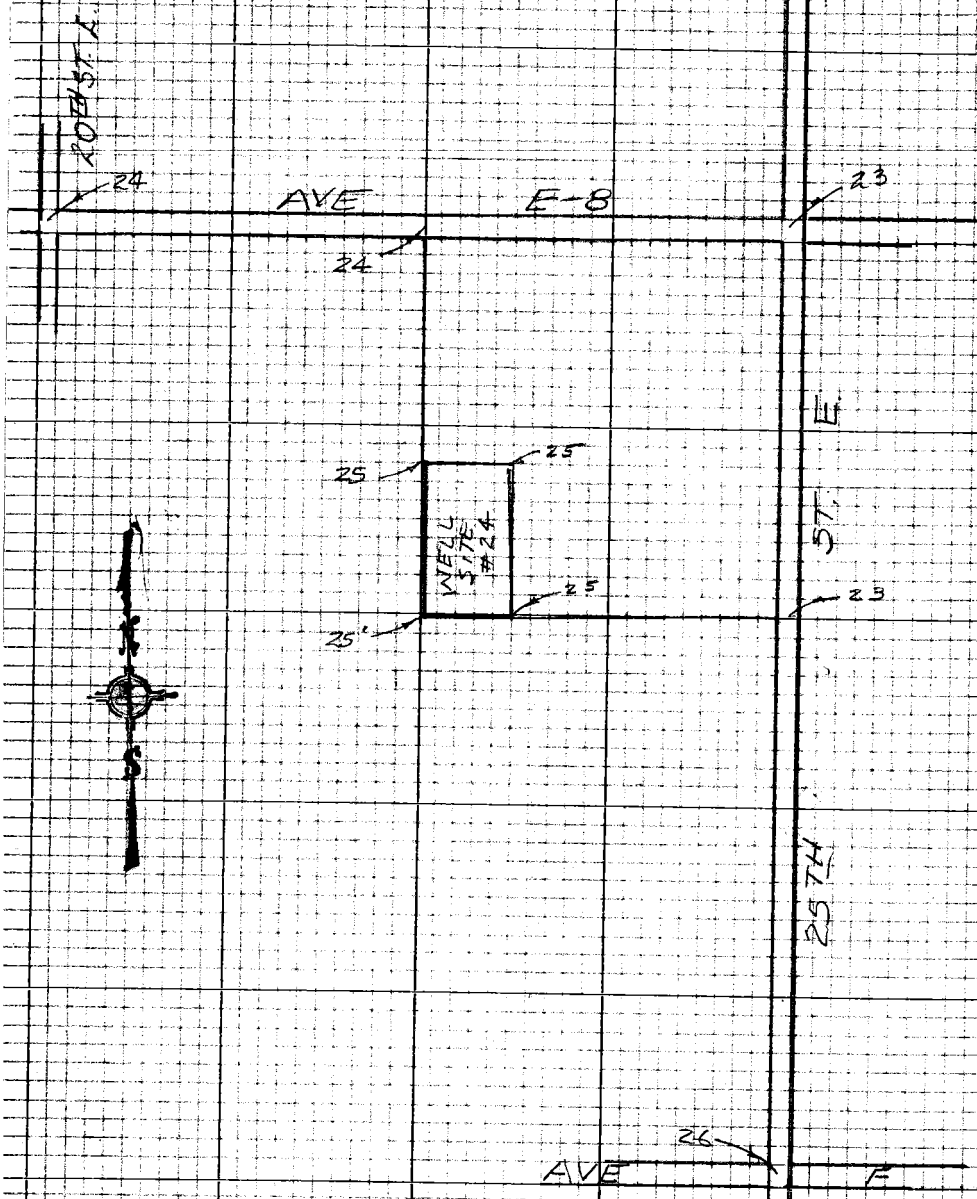
F.B. 3452 Pg. 22

35



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PWFB 3826

36 , 37

Notes Ck'd by W. EDMONDSON	Survey of [illegible] DIST 4	F.B.	Pg.
Map No. B-5010	Rec 5046.02 Type 133 Std 84		
Office Work R. BRIONES	Surveyed by JS COATES		
Checked W. EDMONDSON	Notes JSC Date [illegible] 2 '68		
Date MAY 2 4 '68	Indexed [illegible]		

0 FD NET PP. #11848286

370.12 @ 56° = 370.05

To 1X2 EN 370.05

1/4 Sec. Line

AVE

E-8

(40)

53.22

FD. B S & W 12" JOSHUA

70.33

90°

17

15"

101.06

① 90° 17' 05"
④ 361° 08' 50"
90° 17' 12½"
⑥ 181° 43' 25"
90° 17' 14½"

CENTER SECT. 30
T8N R11W
FD. C.E. MON. 12" on
per F.B. 3137-50
F.B. 3118-51
MARKED

COUNTY ENGINEER
T8N
R11W CTR
SEC. 30
R. E. 5869

387.61

1/4 Sec. Line

ST E

FD. NET T.P. # K 74579

FD. NET P.P. # 1201662E

387.68 @ 56° = 387.61

370.12 @ 56° = 370.05

To S.W. for Well Site 370.05

SET 1X2 EN per DEED

25TH

90°

⑦ 90° 17' 00"
④ 361° 08' 50"
90° 17' 12½"
⑥ 181° 43' 15"
90° 17' 12½"

(40) ℄ (40)

15 in

To TOP PG 26

To TOP PG. 24

To RT. SIDE PG. 25

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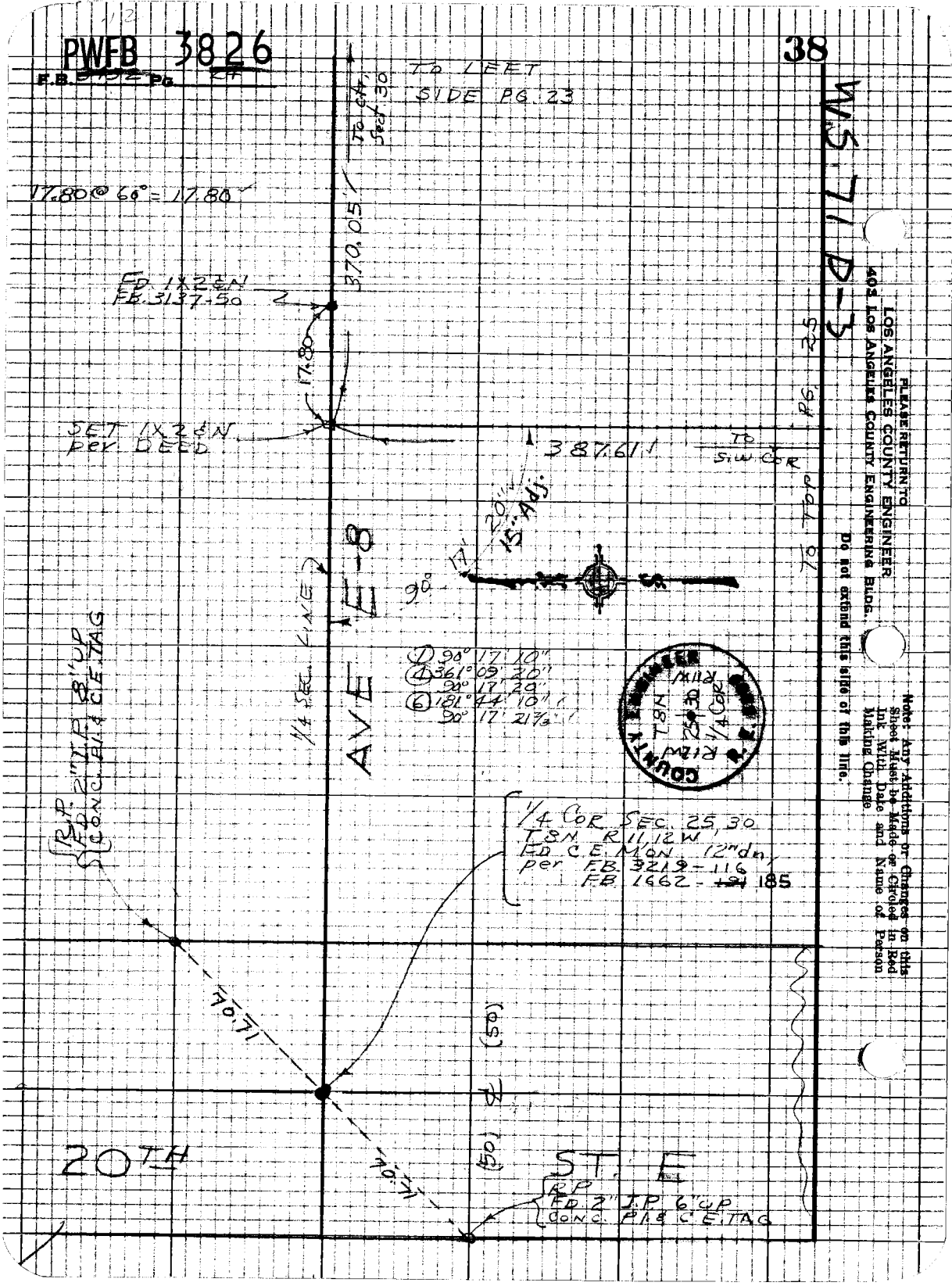
76P3098 CE #310 8-66


PWFB 3826
38
F.B. Pg.
TO LEFT SIDE PG. 23
To Cor. Sect. 30
17.80 @ 60° = 17.80
370.05
FD 1X2 & N
FB 3137-50
17.80
SET 1X2 & N
per DEED
387.61
TO S.W. COR
TO TOP PG. 25
20"
15" Adj.
17'
90°
1/4 SEC. LINE
AVE E-8
① 90° 17' 10"
④ 361° 09' 20"
90° 17' 20"
⑥ 181° 44' 10"
90° 17' 21 2/3"
COUNTY ENGINEER
T8N
R11W
25 30
1/4 COR
R.P.
FD 2" I.P. 8" UP
CONC. P.L. & C.E. TAG
1/4 COR SEC. 25, 30
T8N R11, 12W
FD C.E. MON. 12" dn
per FB 3219-116
FB 1662-185
17.04
(50)
(50)
20TH
ST. E
R.P.
FD 2" I.P. 6" UP
CONC. P.L. & C.E. TAG
WS 71 D-3
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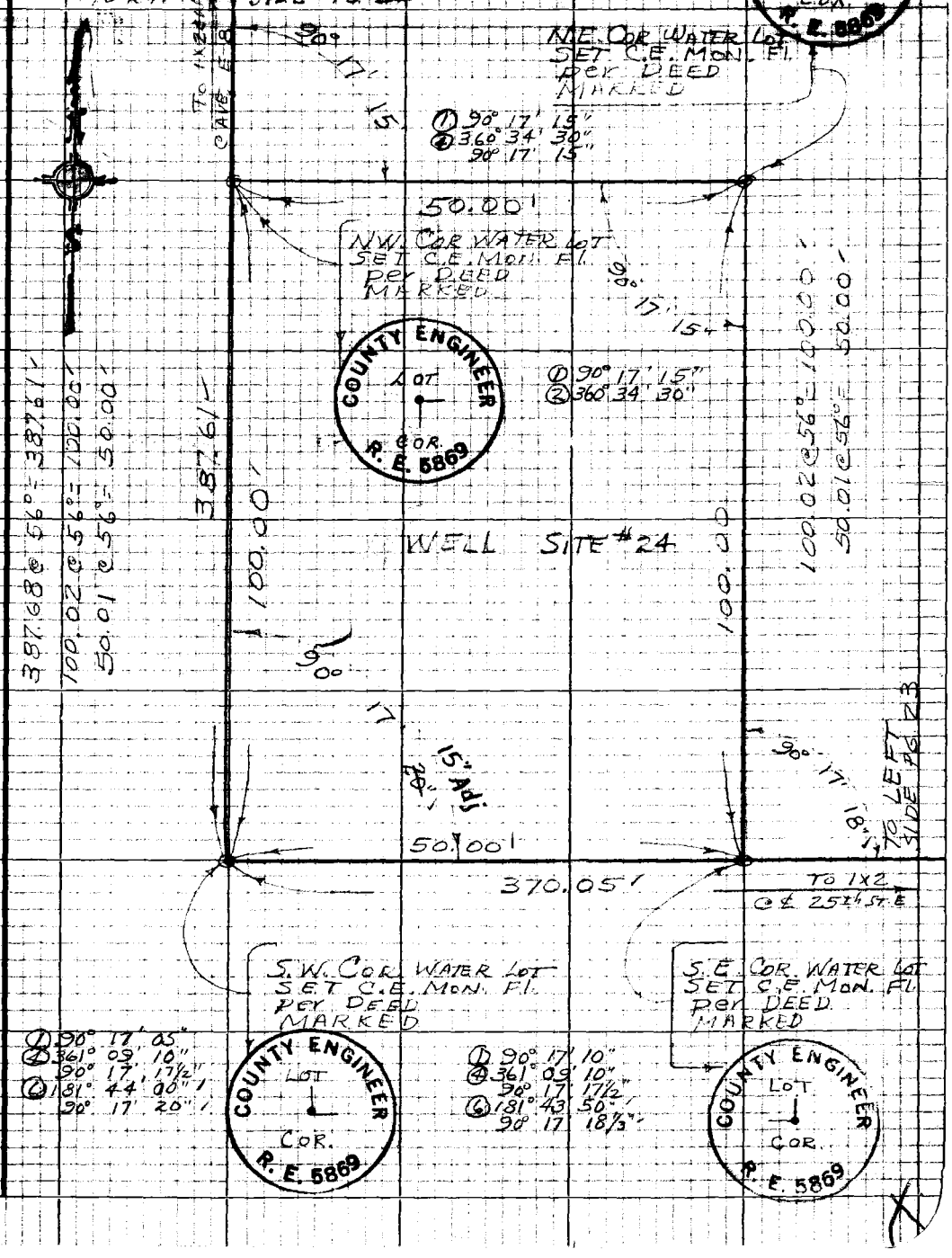
PWFB 3826

39, 40

Notes Ck'd by EDMONDSON	Survey of W. W. DIST #4
Map No. B-5010	Surveyed by J S GATES
Office Work R. BRIONES	Notes JSC Date 2 68
Checked W. EDMONDSON	Indexed
Date MAY 2 4 '68	

F.B. 3[illegible] Pg. 25



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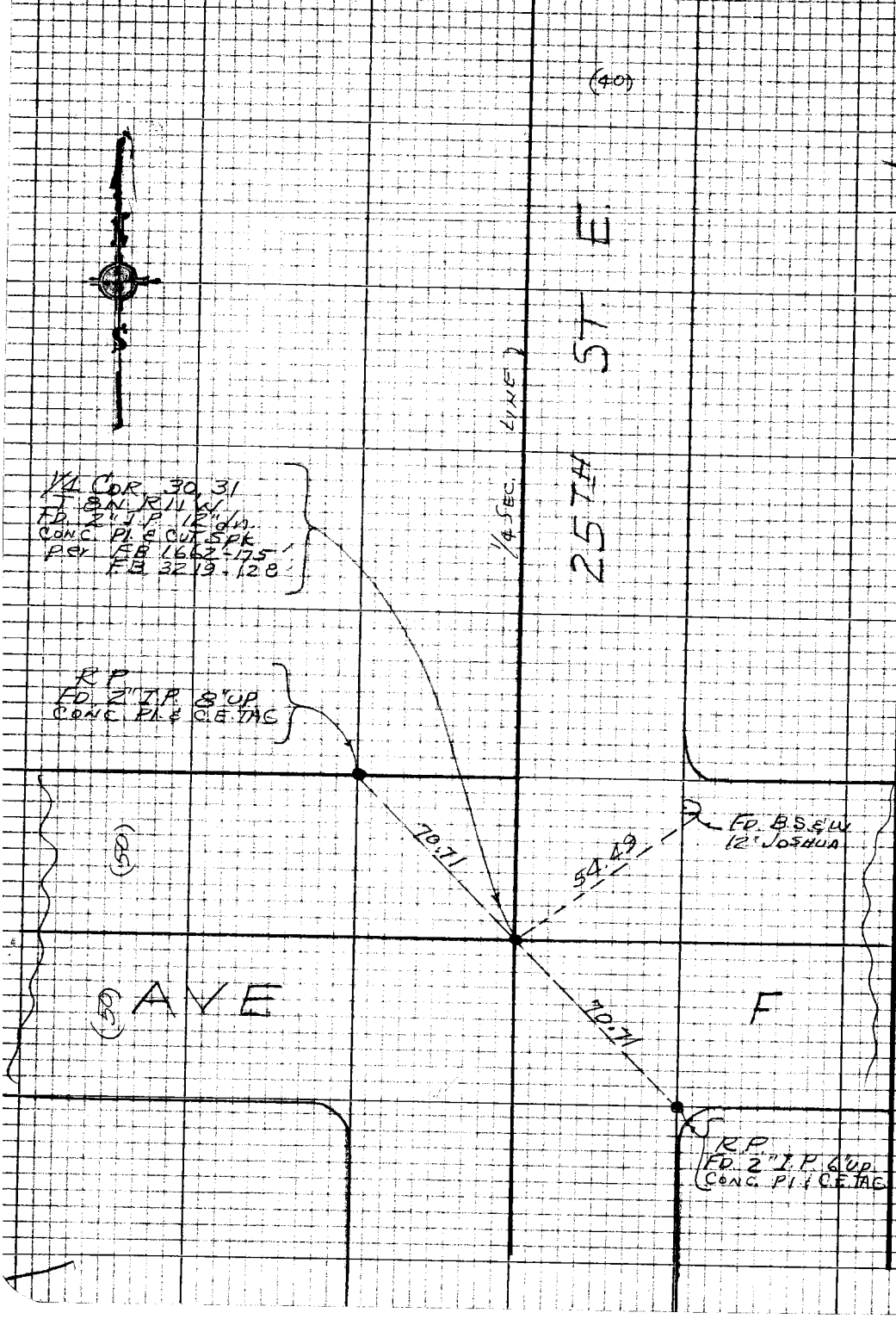
76P3098 CE #310 5-66

PWFB 3826

41

F.B. ~~3492~~ Pg ~~[illegible]~~

TO BOT PG 23



WS 71, D-3

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NOTES RED W. EDMONDSON JOB NO. SURVEY OF W.W. DIST. #4 SITE 2A

DATE APR 2 3 '68 SURVEY BY J. S. COATES

NOTES CHKD. NOTES BY G. L. VAN NESS DATE 4 2 68

DATE INDEXED DATE

F. B. 345 PG. 27

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DESCRIPTION	J. N. 5045.02 WATERWORKS DIST. #4 WELL SITE #2A AT AVE. E-8 & 25TH ST. E. BENCH LEVELS
ADJ. ELEV.	Elevations based on precise level Net #106
3RD RUN	19~~58~~ 60 adjusted
2ND RUN	COATES VAN NESS ADAMS NORDSTROM
DIFF.	
1ST RUN	
B.M.	

76S420 S & E-353 4-54

JOB NO. 3045.02 SURVEY OF W.W. DIST #4 SITE 24 W. EDMONDSON
SURVEY BY J.S. COATES NOTES RED.
NOTES BY G.L. VAN NESS DATE 4-2-68 NOTES CHKD. DATE APR 2 3 '68
INDEXED DATE

F.B. 3452 PG. 28

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM.106-135	2314.286				2314.286	BM.106-135 EL.=2314.286 F.B.2418-141
+	0.612		0.726			AVE. & 25TH ST. E. 0.5 MI. W. OF 30TH ST. E
π	2314.898	-3.824	-3.825			65.7'S. OF AVE. E. 41.5' S.E. OF P.P.# 1270626E
−	4.436		4.551			& 4' W. OF P.P.# 735754E A.C.E. BUTTON TOP
	2310.462					MON. STAMPED B.M. 106-135 1959 R.E.5869
						SET IN TOP OF A 12" CONC. POST 6" ABOVE SURFACE
BM.106-135A	2310.462				2310.464	BM.106-135A ELEV.=2310.464 F.B. 2418-141
+	5.552		5.419			AVE. & 25TH ST. E 210'± E. & 37.5'± S. & INT.
π	2316.014	+1.954	+1.955	+1.954		55'± S. P.P.# 1270627E FD. L.A. Co. RD. DEPT.
−	3.598		3.464			BRASS CAP MON. STAMPED L.A. Co. RD. B.M. 1959
T.P.	2312.416					9" BELOW SURFACE SET IN RD. DEPT CAP & WELL
+	5.600		5.495			
π	2318.016	+1.369	+1.368	+1.368		
−	4.231		4.127			
T.P.	2313.785					
+	3.383		3.299			
π	2317.168	+0.231	+0.229	+0.230		
−	3.152		3.079			
T.P.	2314.016					
+	4.772		4.708			
π	2318.788	-0.126	-0.122	-0.124		
−	4.898		4.830			
T.P.	2313.890					
+	5.763		5.699			
π	2319.653	+1.886	+1.890	+1.888		
−	3.877		3.809			
T.P.	2315.776					
+	5.618		5.561			
π	2321.394	+2.895	+2.892	+2.893		
−	2.723		2.669			
T.P.	2318.671					

76S420 S & E-353 4-54

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W. EDMONDSON
NOTES RED. JOB NO. 5045.02 SURVEY OF W.W. [illegible]
DATE APR 2 3 '68 SURVEY BY J. S. COATES
NOTES CHKD. NOTES BY E. [illegible] DATE APR 2 '68
DATE INDEXED [illegible] DATE

F. B. 3452 PG. 20

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2318.671					
+	4.289		4.231			
π	2322.960	+0.216	+0.212	+0.214		
−	4.073		4.019			
T.P.	2318.887					
+	5.012		4.931			
π	2323.899	+0.534	+0.532	+0.533		
−	4.478		4.399			
T.P.	2319.421					
+	4.307		4.256			
π	2323.728	−1.236	−1.235	−1.236		
−	5.543		5.491			
BM N.C. 1248	2318.185				2318.184	BM N.C. 1248 ELEV.: F.B. 3452-2
+	5.370		5.284			25TH ST. E. & AVE. E-8 ℄ INT. TOP
π	2323.555	+1.641	+1.641	+1.641		C.E. MON. 12" DN. MARKED CTR. SEC. 30, T8 [illegible] W
−	3.729		3.643			
T.P.	2319.826					
+	4.507		4.248			
π	2324.333	+0.138	+0.138	+0.138		
−	4.369		4.110			
BM N.C. 1249	2319.964				2319.963	BM ~~W24-1~~ N.C. 1249 ELEV.: F.B. 3452-2
+	4.017		3.943			25TH ST. E & AVE. E-8 370'± W. & 28[illegible] S.
π	2323.981	+0.648	+0.646	+0.646		℄ INT. TOP C.E. MON. N.W. COR. OF WAT[illegible]
−	3.369		3.297			
BM N.C. 1250	2320.612				2320.609	BM ~~W24-2~~ N.C. 1250 ELEV.: F.B. 3452-2 [illegible]
+	3.658		3.591			25TH ST. E. & AVE. E-8 370'± W. & 387' [illegible]
π	2324.270	−0.825	−0.828	−0.827		℄ INT. TOP C.E. MON. S.W. COR. OF WATER [illegible]
−	4.483		4.419			
T.P.	2319.787					

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 5045.02 SURVEY OF W. W. Dist. #4 Site 24 NOTES RED. W. EDMONDSON
SURVEY BY J. S. COATES DATE APR 2, 3 '68
NOTES BY G. L. VAN NESS DATE 4-3-68 NOTES CHKD.
INDEXED R. J. GALL DATE DATE

F.B. 3452 Pg. 30

B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2319.787					
+	4.798		4.672			
Π	2324.585	-0.347	-0.348	-0.348		
−	5.145		5.020			
T.P.	2319.440					
+	3.967		3.741			
Π	2323.407	+0.004	+0.005	+0.004		
−	3.963		3.736			
T.P.	2319.444					
+	3.662		3.591			
Π	2323.106	-0.716	-0.713	-0.715		
−	4.378		4.304			
T.P.	2318.728					
+	3.760		3.672			
Π	2322.488	-1.023	-1.027	-1.025		
−	4.783		4.699			
T.P.	2317.705					
+	4.068		4.010			
Π	2321.773	-1.842	-1.841	-1.842		
−	5.910		5.851			
T.P.	2315.863					
+	4.071		4.026			
Π	2319.934	-2.041	-2.042	-2.042		
−	6.112		6.068			
T.P.	2313.822					
+	4.210		4.180			
Π	2318.032	-0.213	-0.211	-0.213		
−	4.423		4.391			
T.P.	2313.609					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2313.609					
+	5.176		5.124	5.146		
π	2318.785	+ 0.347	+0.341	+0.347		
−	4.829		4.783	4.799		
T.P.	2313.956					
+	2.591		2.561			
π	2316.547	− 0.221	−0.223	−0.223		
−	2.812		2.784			
T.P.	2313.735					
+	3.703		3.667			
π	2317.438	− 1.373	−1.375	−1.374		
−	5.076		5.042			
T.P.	2312.362					
+	4.747		4.708			
π	2312.109	+ 1.937	+1.934	+1.935		
−	2.810		2.774			
BM 106-135	2314.299				2314.286	B.M. 106-135 EL. 2314.286 FT. 2418-4 AVE. E. & 25TH ST. E. 0.5 MI. W. OF 3 65.7' S. OF AVE. E. 41.5' S.E. OF P.P.# 12 & 4' W. OF P.P.# 735754E A.C.E. BUTTO TOP MON. STAMPED B.M. 106-13. 1959 R.E. 5869 SET IN TOP OF CONC. POST 6" ABOVE SURFACE

NOTES RED. W. EDMONDSON JOB NO. 5645.02 SURVEY OF [illegible]
DATE APR 23 '68 SURVEY BY J.S. COATES
NOTES CHKD. NOTES BY [illegible] DATE 4-6
DATE INDEXED [illegible] DATE

F.B. 3452 PG. 31

F. B. 3452 Pg. 32

JOB NO. 504502 SURVEY OF W.W. DIST #4 SITE 24 NOTES RED.
SURVEY BY J.S. COATES DATE
NOTES BY G.L. VAN NESS DATE 4-3-68 NOTES CHKD.
INDEXED M.J. GALLO DATE DATE

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

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766420 S & E-353 4-54

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723 LOS ANGELES COUNTY ENGINEERING BLDG.

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PWFB 3421

520

Notes Ck'd by W. EDMONDSON	Survey of W.W. DIST #4	F.B. ~~3422~~ Pg. ~~—~~
Map No.	IN Tape 133 Std °F	
Office Work	Surveyed by J.S. COATES	
Checked	Notes JSC Date	
Date	Indexed	

J.N 5045.02

WATERWORKS DIST. 4

L12 - 60W

PUMPING PLANT SITE

MONUMENTING
OF
LOT CORNERS

Note - See FB 2968-169 for boundary Survey

COATES
VAN NESS
ADAMS
NORDSTROM

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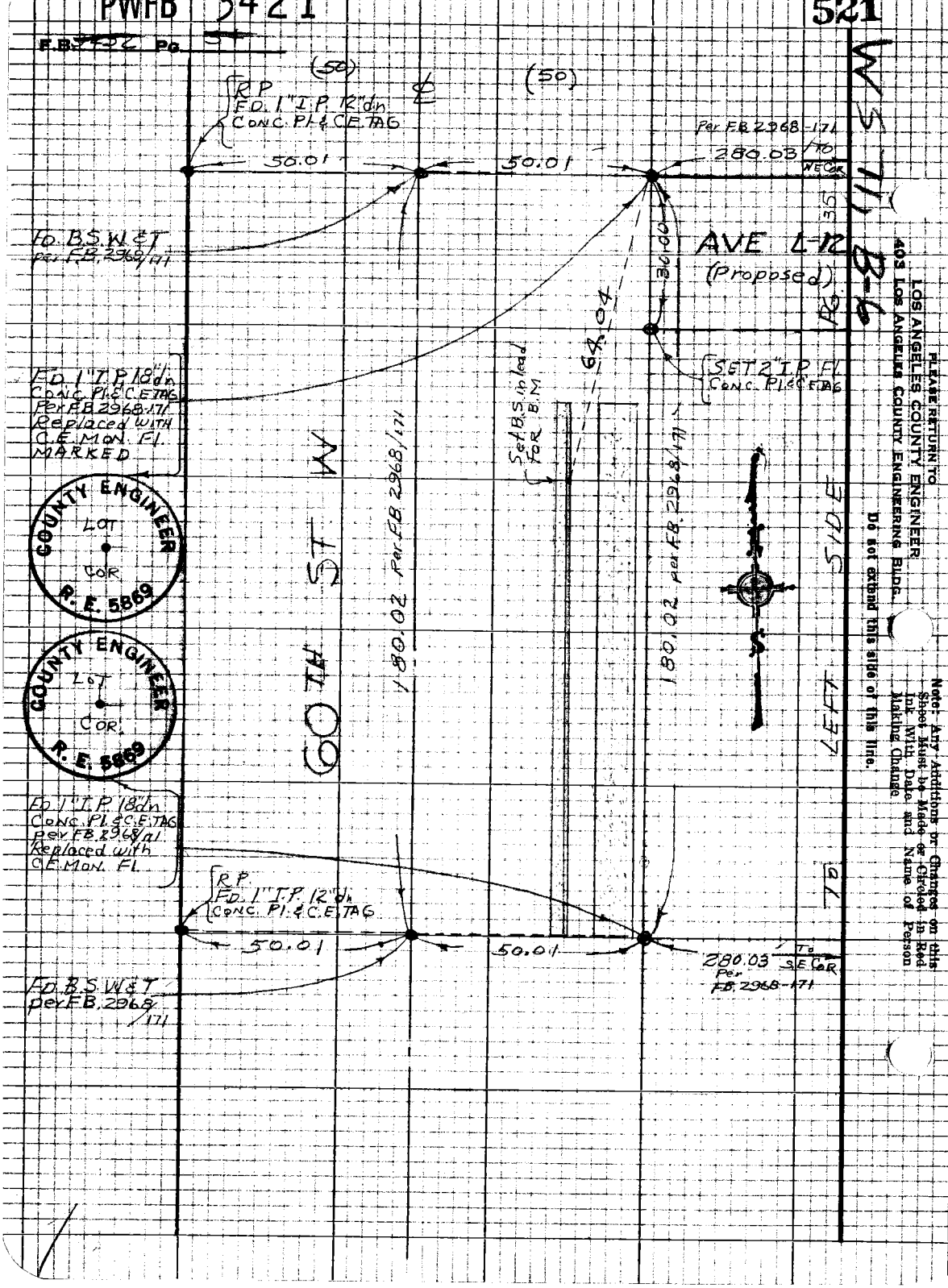
76P3098 CE #310 5-66

PWFB 3421

521

F.B. 3452 Pg. 54



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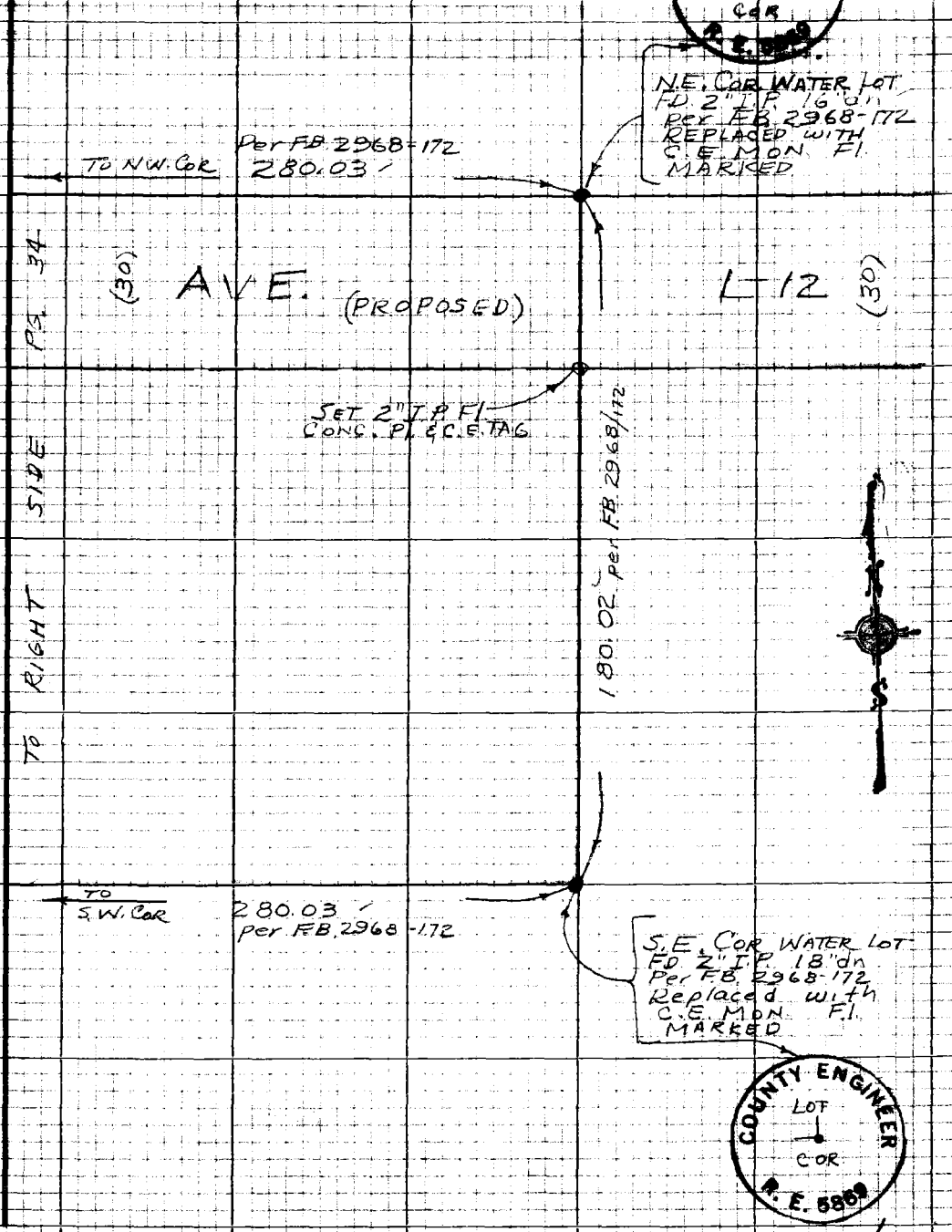
PWFB 3421

522

Notes Ck'd by W. EDMONDSON	Survey of [illegible]	F.B. 345 Pg.
Map No.	[illegible] 504502 Tape 133 Std 84 °F	
Office Work	Surveyed by J S GATES	
Checked	Notes JSC Date 4/4/68	
Date	Indexed	



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F.B. 3452 Pg. 34

W. EDMONDSON

NOTES RED. JOB NO. 5045.02 SURVEY OF W.W. DIST #4 L12-60W

F. B. 3452 PG. 37

DATE APR 2 3 '68 SURVEY BY J. S. COATES

NOTES CHKD. NOTES BY [illegible] DATE [illegible]

DATE INDEXED C. J. GALLI DATE

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DESCRIPTION	J N 5045.02 WATERWORKS DIST #4 L12-60W PUMPING PLANT SITE BENCH LEVELS
ADJ. ELEV.	Elevations based on precise level net #104 1958 adjustment
3RD RUN	COATES VAN NESS ADAMS NORDSTROM
2ND RUN	
DIFF.	
1ST RUN	
B.M.	

76S420 S & E-353 4-54

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM.104-15	2513.434				2513.434	B.M.104-15 ELEV.=2513.434 F.B.2416-135
+	6.113		6038			AVE. M & 60TH ST. W. ℄ INT. A C.S. MON
π	2519.547	+5.490	+5.491	+5.491		IN WELL & COVER SEC. COR. STAMPED
−	0.623		0547			34,35,3 & 2 T 6,7N, R 13W 1927
B.M.M-60W	2518.924				2518.925	BM. M-60W EL.=2519.21 F.B.2968-94
+	0519		0467			(CRD DEPT. DATUM) 46'± S. & 42'± W. OF
π	2519.443	-8.018	-8.017	-8.017		℄ INT. 60TH ST. W. & AVE. M; SET LG. BT. SPK
−	8537		8484			IN N.E. SIDE P.P.# 129553E FL. WITH GROUND
T.P.	2510.906					
+	1.681		1.610			
π	2512.587	-6.791	-6.793	-6.791		
−	8.472		8403			
T.P.	2504.115					
+	2.418		2.473			
π	2506.533	-5.630	-5.629	-5.629		
−	8.048		8102			
T.P.	2498.485					
+	2.226		2.160			
π	2500.711	-5.380	-5.381	-5.380		
−	7.606		7541			
T.P.	2493.105					
+	2.422		2.367			
π	2495.527	-4.787	-4.784	-4.784		
−	7.209		7151			
T.P.	2488.318					
+	3.968		3.903			
π	2492.286	-1.891	-1.891	-1.891		
−	5.859		5.794			
SET B.M.NC.1251	2486.427				2486.433	B.M.NC 1251 ELEV.= F.B.3452-38 60TH ST.
						W. E. SIDE 1150'± N. ℄ AVE M A C/E MON. S.W. COR.
						PUMPING PLANT

JOB NO. 5045.02 SURVEY OF W.W. DIST #4 L12-60W NOTES RED. W. EDMONDSON
SURVEY BY J. S. COATES DATE APR 2 3 '68
NOTES BY G.L. VAN NESS DATE 4-4-68 NOTES CHKD.
INDEXED DATE DATE

F.B. 3452 PG. 38

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
SET BMNC 1251	2486.427				2486.433	B.M.N.C. 1251 SEE PRECEDING PG FOR [illegible]
+	3.674		3.632			
π	2490.101	-2.294	-2.294	-2.294		
−	5.968		5.926			
SET BMNC 1252	2484.133				2484.139	BMNC 1252 EL. F.B. 3452-59 60 [illegible]
+	3.458		4.078			E. SIDE 1265'± N. OF ℄ AVE M. A BT. SPK [illegible]
π	2487.591	-2.430	2.431	-2.430		Cb 15'± S. OF N. END Cb.
−	5.888		6.509			
FD BM L12-60W	2481.703				2481.709	B.M L12-60W EL=2481.98 F.B. 2968-178
+	5.622		5.548			60TH ST. W. E. SIDE 1330'± N. OF ℄ AVE M
π	2487.325	+2.430	+2.431	+2.431		A 1" I.P. AT N.W. COR. PUMPING [illegible]
−	3.192		3.117			15" DN
SET BMNC NC 1252	2484.133				2484.140	B.M.NC 1252 ELEV. F.B. 3452-39 60 [illegible]
+	4.578		4.533			E. SIDE 1265'± N. OF ℄ AVE. M. A BT S [illegible]
π	2488.711	-1.174	-1.175	-1.174		Cb. 15'± S. OF N. END Cb.
−	5.752		5.708			
SET BMNC 1253	2482.959				2482.966	B.M.NC. 1253 ELEV.: F.B. 3452-39
+	6.048		5.972			60TH ST. W. E. SIDE 1330'± N. ℄ INT [illegible]
π	2489.007	+3.826	+3.824	+3.826		AVE. M A C.E. MON AT N.W. COR PUMPING
−	2.222		2.148			PLANT FL.
T.P.	2486.785					
+	6.939		6.871			
π	2493.724	+4.334	+4.330	+4.332		
−	2.605		2.541			
T.P.	2491.119					
+	7.443		7.402			
π	2498.562	+5.353	+5.354	+5.354		
−	2.090		2.048			
T.P.	2496.472					

W. EDMONDSON
NOTES RED ____ JOB NO. [illegible] SURVEY OF [illegible]
DATE APR 23 '68 SURVEY BY J.S. COATES
NOTES CHKD ____ NOTES BY [illegible] DATE APR 2 '68
DATE ____ INDEXED ____ DATE ____

F.B. 3452 PG. 79

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
T.P.	2496.472					
+	7.789		7.729			
π	2504.261	+ 5.911	+5.910	+5.911		
−	1.878		1.819			
T.P.	2502.383					
+	7.803		7.730			
π	2510.186	+6.455	+6.457	+6.457		
−	1.348		1.273			
T.P.	2508.838					
+	8.308		8.251			
π	2517.146	+4.588	4.587	+4.588		
−	3.720		3.664			
BM104-15	2513.426				2513.434	BM104-15 ELEV.= 2513.434 F.B. 2416-135 AVE. M & 60TH ST. W. & INT A.C.S. MON IN WELL & COVER SEC. COR. STAMPED 34, 35, 3, & 2 T 6, 7N R13W 1927

JOB NO. 5045.02 SURVEY OF W.W. DIST #4 L12-60W NOTES RED. W. EDMONDSON
SURVEY BY J. S. COATES DATE APR 2 3 '68
NOTES BY G. L. VAN NESS DATE APR 2 '68 NOTES CHKD.
INDEXED DATE APR 1 '68 DATE

F. B. 3452 PG. 40

PWFB 3623

283

Notes Ck'd by	Survey of W.W. DIST #4	F.B. ~~[illegible]~~ Pg. ~~[illegible]~~
Map No.	JN 5043.72 Type 133 Std 64	
Office Work	Surveyed by J.S. Gates	
Checked	Notes JSC Date 5/20/68	
Date	Indexed C. J. GALLO FEB 1 9 '69	

J.N. 5043.72

WATERWORKS DIST #4

18th ST. W. WATERMAIN

SPEC. W.W.4-C-1236 of 1968

COATES
VAN NESS
ADAMS

X

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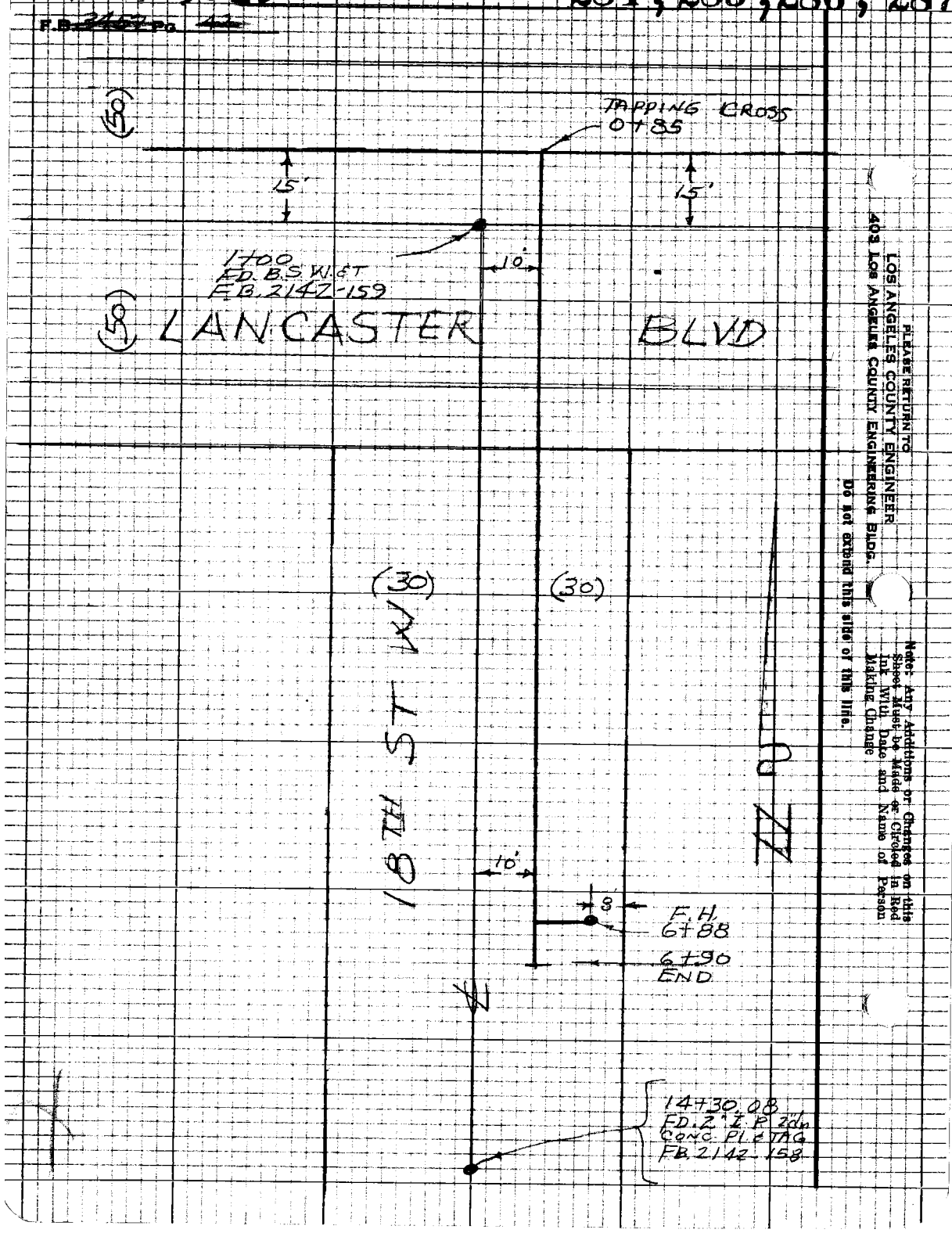
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

PWFB 3623 284, 285, 286, 287

F.B. ~~2147~~ PG. ~~42~~



5043.72

F.B. 3152 Pg. 43

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____ Survey of W.W. DIST #4

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

Map No. ____ Indexed ____ Date ____

J.N 5043.72

WATER WORKS DIST #4

18TH ST. W. WATERMAIN

SPEC WW4-C-1236 OF 1968

Set Spk & Tin 6' E. ℄ pipe

COATES
VAN NESS
ADAMS

Grade sheets made
5/20/68 JSC

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.			
BMAV 285				2333.89	BMAV 285 Elev. 2333.891 FB. 2142-90 Lancaster Blvd 450' E. & 30' S. ℄ INT. 20th St. W. A Spike in lead in Curb		
0+85	Tapping crass			34.03	28.95	5.08	Set Spk & Tin 6' E. ℄ pipe
1+00				34.45	29.05	5.40	
1+30	So Gutter			33.75			
1+50				36.69	29.38	7.31	"X" Top of Blox Wall
2+00				34.97	29.72	5.25	"X" Conc. drive
2+50				35.17	30.05	5.12	"X" " "
3+00				35.35	30.39	4.96	
3+50				35.66	30.72	4.94	
4+00		F.L.=35.56		35.95	31.06	4.89	
4+50				35.98	31.20	4.78	
5+00				35.94	31.34	4.60	
5+50				36.58	31.48	5.10	
6+00				36.67	31.62	5.05	
6+50				36.29	31.76	4.53	
6+88	"T" to F.H.			36.42	31.86	4.56	
6+90				36.51	31.86	4.65	
TP				35.34			
BMAV 285					BMAV 285 Elev. 2333.891 FB. 2142-90		

F.B. 3452 Pg. 44 Job No. 5043.72 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [illegible] Date Date No.

PWFB 3524

261

Notes Ck'd by R. MANOR	Survey of W.Y. DIST. #4
Map No.	J.N. 5042.46 Tape 216 Std 84 °F
Office Work R. R. SHEAN	Surveyed by J. C. PIERCE
Checked	Notes J. C. PIERCE Date 2-4-69
Date FEB 22 1971	Indexed G. J. GALLI FEB 19 '69

F.B. 5432 PG. 45

J. N. 5042.46

WATERWORKS DISTRICT #4

WELL #33

BOUNDARY & LOT CORNERS

AT

DIVISION ST. & AVE K-8

PIERCE
KING
TALBOT
EGSTROM

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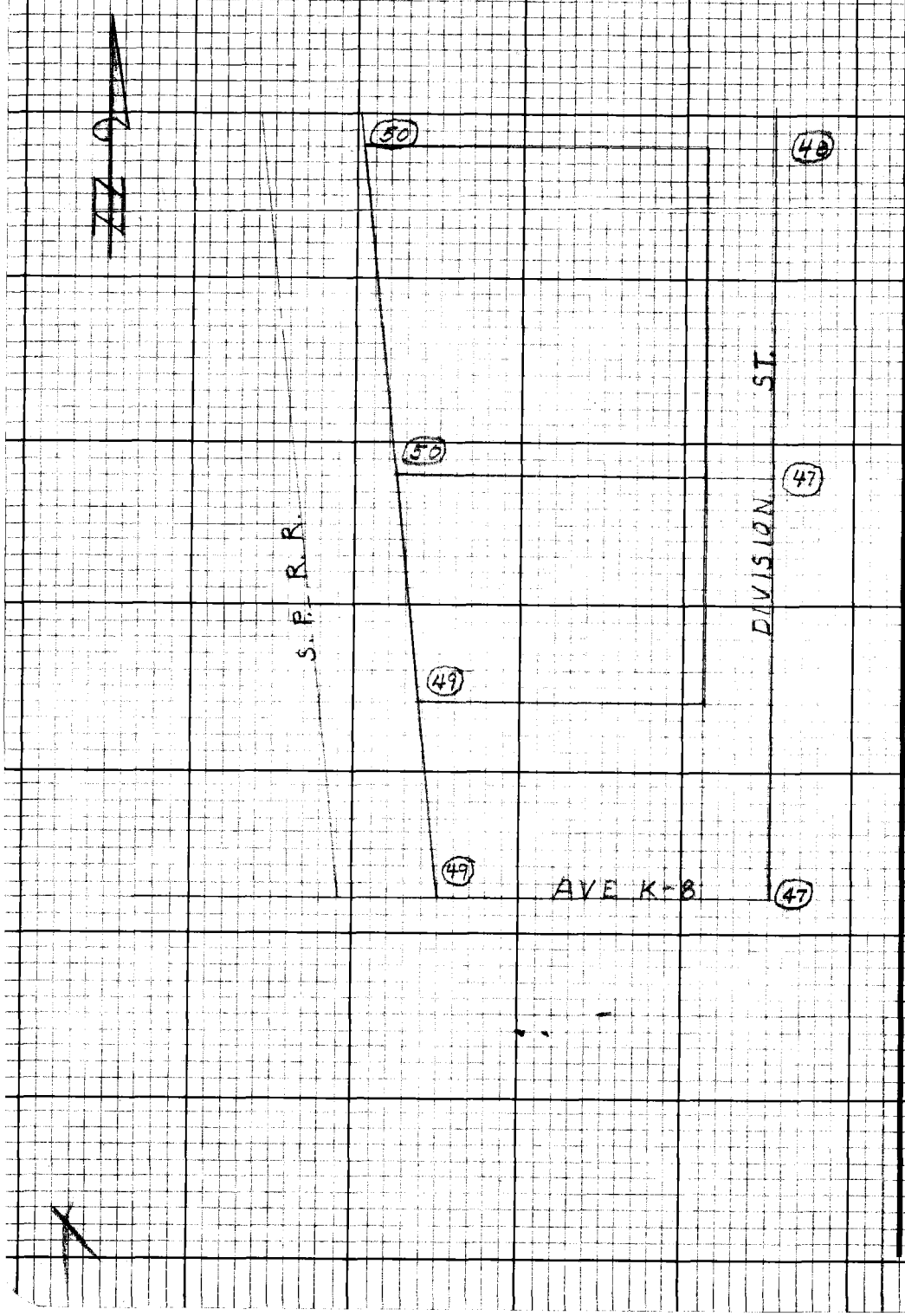
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

PWFB 3524

F.B. 3452 Pg 46

262



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403 Los Angeles County Engineering Bldg.

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PWFB 3524

263

Notes Ck'd by	Survey of [illegible]
Map No.	IN 5042 [illegible] 216 [illegible] 84 °F
Office Work R. R. SHEAN	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 2-4-70
Date	Indexed G. L. GALLI FEB 19 '70

F.B. ~~3457~~ PG. ~~47~~

W.S. 79A-5

1) 90-05-30
4) 00-22-30
90-05-37
6) 180-33-40
90-05-37

30" ad
37"
90°05'
215.00 M.

298.35 MEAS. & REC.

PT. ON SEC. LINE
FD. 2" I.P. CEM. PL
& CO. ENG'R. TAG
DN. 12"
PER F.B. 2638-16

TO RIGHT PG. 50

DIVISION

M.E.R.
SEC. LINE

250.00

90°05'35 REC.

AVE K-8
266.07 MEAS
266.04 (F.B. 2638-16)
1/4 SEC. LN

SE COR PUMPING
PLANT SITE #8
1/4 SECTION COR.
SECS. 26 & 27
T. 7 N. R. 12 W.
FD. A. CO. SURVEYORS
B.C. MON. DN. 6"
MKD. AS SHOWN
PER F.B. 1558-58
F.B. 2638-16, 46

TO RIGHT PG. 50

266.10 @ LEV (T = 64) = 266.07
250.03 @ LEV (T = 64) = 250.00
298.39 @ LEV (T = 64) = 298.35

COUNTY SURVEYORS
T 7 N
R 12 W
27 + 26
1/4 SEC COR
MONUMENT

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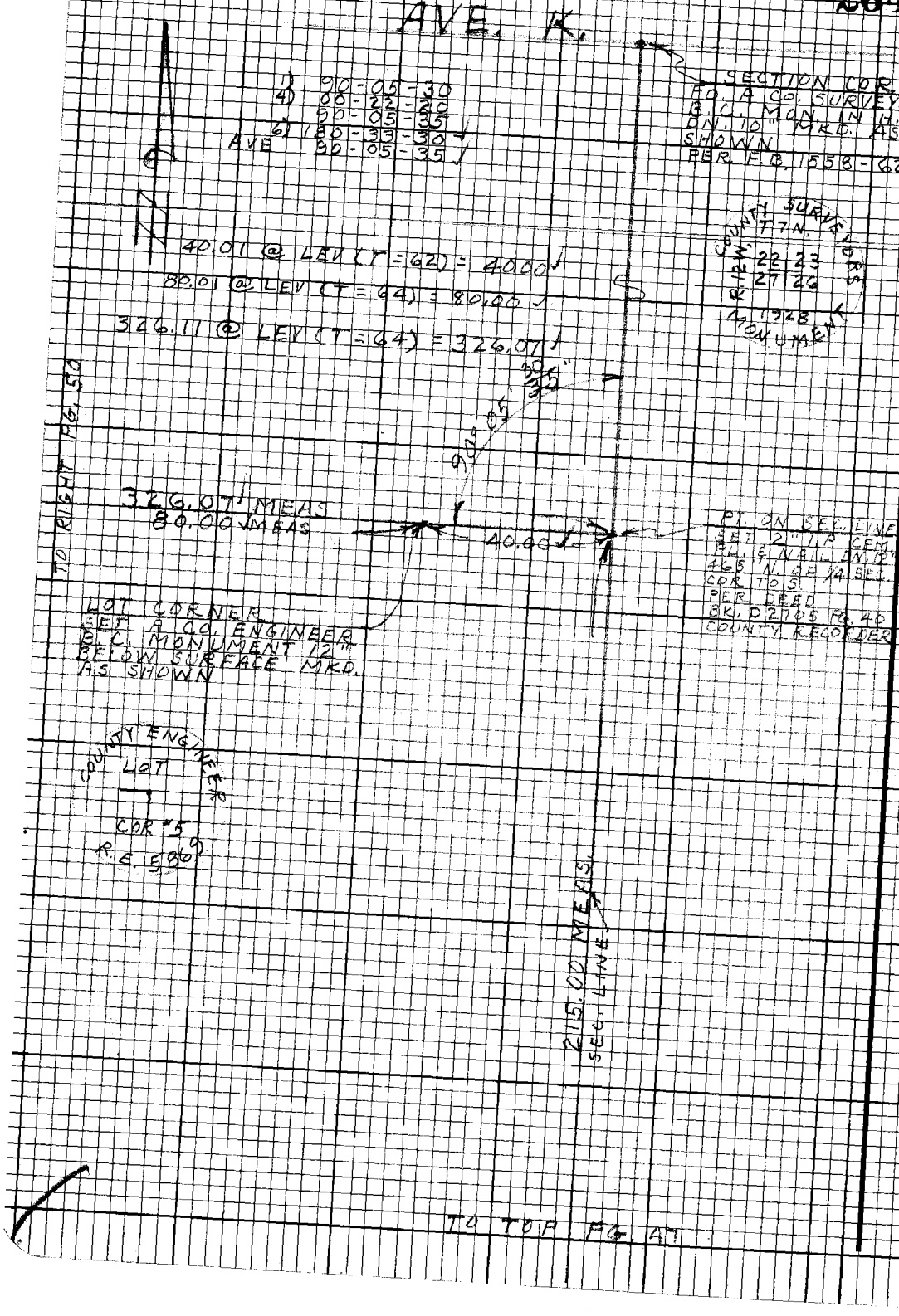
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #310 9-67

PWFB 3524

F.B. ~~3452~~ PG. ~~48~~

264



W.S. 70, A-5

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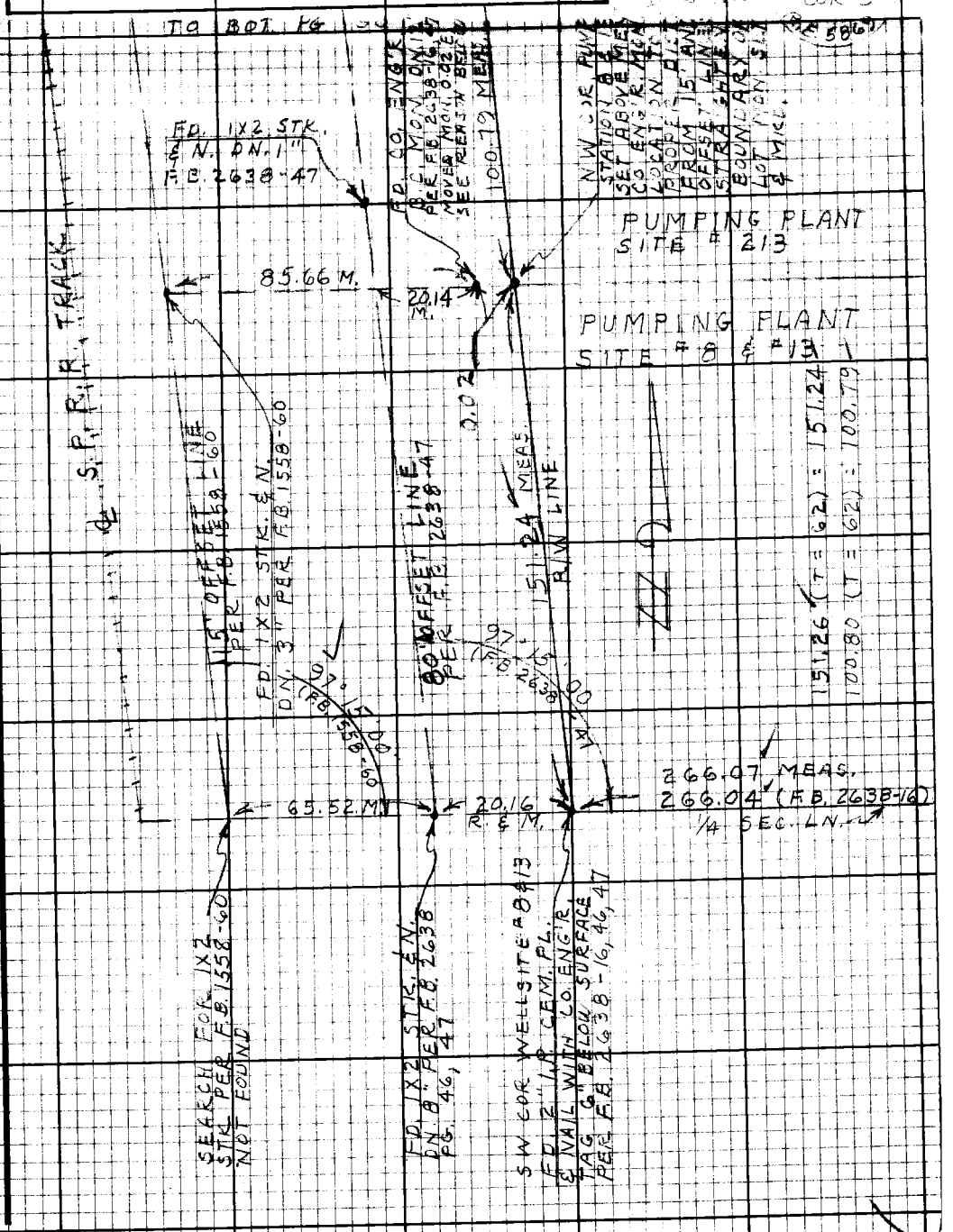
PWFB 3524

265

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

Survey of W.W. DIST. #4
JR 5042 Trans 216 Sta 84 °F
Surveyed by J. C. PIERCE
Notes J. C. F.
Indexed B. J. GALLI FEB 19 '70

F.B. ~~3152 PG 49~~



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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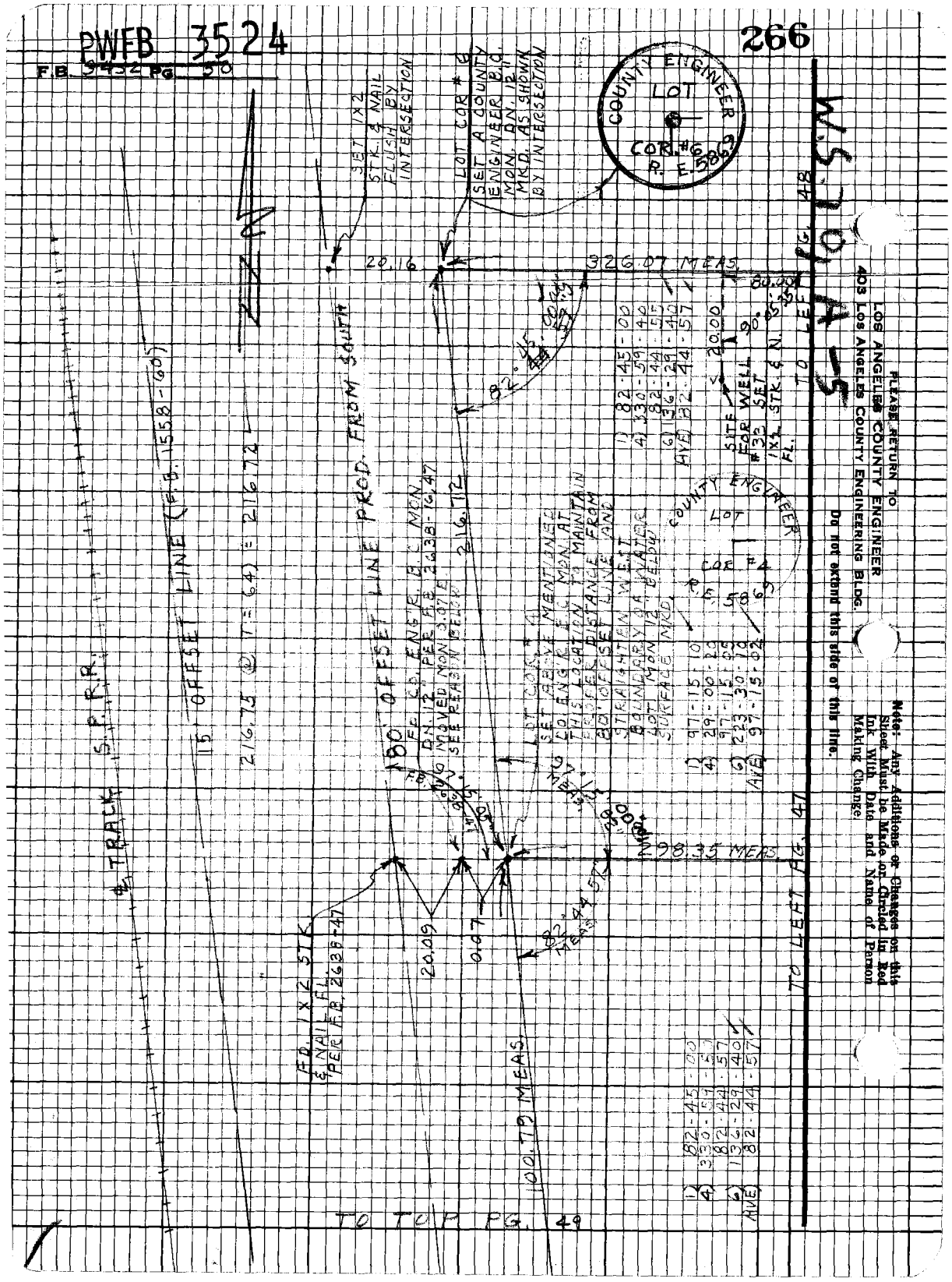
403 LOS ANGELES COUNTY ENGINEERING BLDG.

26F3098 CE#310 9-67

PWFB 3524

F.B. 9432 PG. 50

266



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F. B. 3452 PG. 51

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of W. W. DIST #4 WELL # 33
X-Sec. No. ____ Notes Ch'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

WATERWORKS DISTRICT #4
WELL # 33

BENCH LEVELS TO ESTABLISH ELEVATIONS ON NORTH PROPERTY LINE OF WELLSITE

PIERCE
KING
EGSTROM

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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3.554

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
U.S.B.M "T-811"	3 13	2450 59	~~55~~	2447 46	U.S.BM "T-811" UNADJ. ELEV. = 2447.456 F.B. 1873-191 SIERRA HWY. & AVE. K-8 N.E. COR. BRASS CAP IN CONC. MON. ALONG W. SIDE OF S.P.R.R. AND ON E. SIDE OF SIERRA HWY. MARKED "U.S. COAST & GEODETIC SURVEY BENCH MARK "T-811, 1947"
T.P.	6 49	2451 59	5 49	2445 10	
T.P.	4 31	2452 34	3 56	2448 02	
T.B.M. # 2	4 92	2453 65	3 61	2448 73	T.B.M. # 2 ELEV. = 2448.71 F.B. 1873-192 LEAD & TACK IN TOP S.W. COR CONC BASE FOR PUMP AT WELL # 13
T.B.M. # 1	4 36	2454 73	4 28	2449 37	T.B.M. # 1 ELEV = 2449.36 F.B. 1873-192 LEAD & TACK IN TOP S.W. COR. CONC. BASE FOR PUMP AT WELL # 8
T.P.	4 24	2451 93	6 04	2447 69	
T.P.	1 57	2449 61	3 89	2448 04	
B.M. # 5	5 26	2448 41	6 46	2443 15	B.M. # 5 UNADJ. ELEV. = 2443.15 F.B. DIVISION ST. & AVE. K-8, 465' N. OF 1/4 SEC. LINE AT AVE. K-8 40' W. OF ℄ DIVISION ST. A COUNTY ENGINEER B.C. MON MKD. "LOT COR # 5" 12" BELOW SURFACE
B.M. # 6	6 76	2449 74	5 43	2442 98	B.M. # 6 UNADJ. ELEV. = 2442.98 F.B. 465' N. OF 1/4 SEC. LINE AT AVE. K-8 326' ± W. OF ℄ DIVISION ST. ON ELY R/W LINE S.P.R.R. A COUNTY ENGINEER B.C. MON. MKD "LOT COR. # 6" 12" BELOW SURFACE
U.S.B.M "T-811			2 27	2447 47	U.S.BM "T-811 UNADJ. ELEV. = 2447.456 F.B. 1873-191 SEE DESCRIPTION TOP OF THIS PAGE

F.B. 3452 PG. 52
Job No. 50424
Survey of W.W. DIST # 4 WELL # 33
Survey by J.C. PIERCE
Notes J.C. PIERCE
Indexed
Date
Notes Chk. R. MANOR
Date FEB 22 1971
Notes Red
Date
Plotted
Date
Checked
Date
Profile
No.
X-Sec.
No.

F. B. 2152 PG. 53

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 ____ Notes ____ Date ____
Map No. ____ Indexed ____ Date ____

WATERWORKS DISTRICT #4

STAKING WATER MAIN
ON
25TH ST. WEST

FROM: AVE. K-8
TO: AVE. K-12

MENDONCA
ALBRIGHT
RITTER
MITCHELL
RIECKHOFF

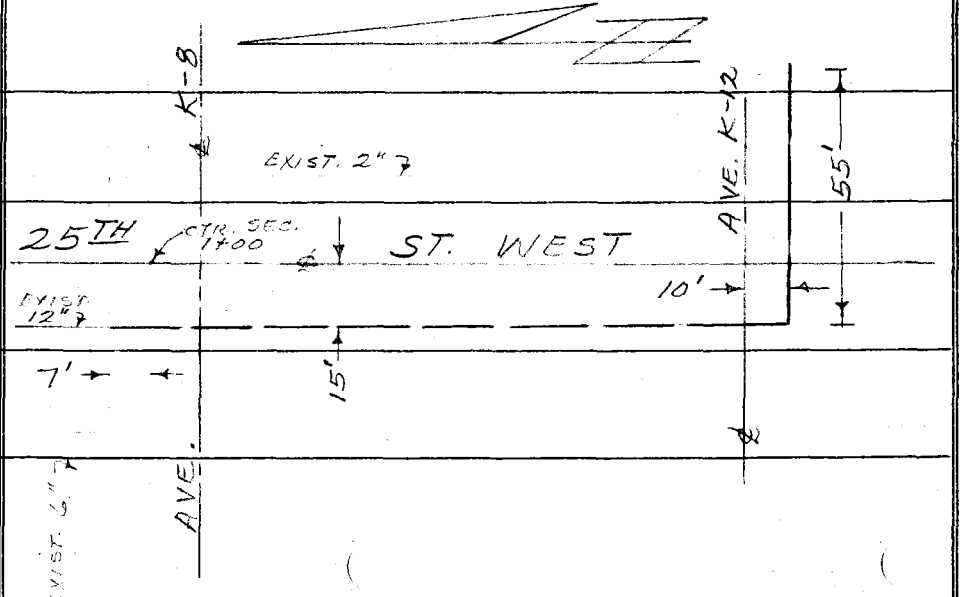
ELEV.

F. S.

H. I.

B. S.

STATION



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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.	% GR.	BOT. OF TRENCH	CUT	
FD. T.B.M. #2				2417.23				T.B.M. #2 EL. = 2417.23 F.B. 3137-188 AT AVE. K-8 & 25TH ST. W. 18 FT. N. & 55 FT. W. OF ℄ INT. A SPK. IN S.W. OF T.P. #K6774Y
0+91	EXIST. CROSS							1X2 STK & TIN (6' WEST)
1+00	℄ SECTION							" "
1+50				2417.83		2411.08	6.75	" "
2+00				18.15		2411.60	6.55	" "
2+50				18.33		12.12	6.21	SPK & TIN
3+00				19.54	1.044%	12.64	6.90	1X2 STK & TIN (6' WEST)
3+50 ⊙				19.43		13.17	6.26	SPK & TIN "
4+00				20.67		13.69	6.98	1X2 STK & TIN (6' WEST)
4+50				21.03		14.21	6.82	" "
5+00				21.42		14.74	6.68	" "
5+50				21.37		15.26	6.11	" "
6+00				21.89		15.78	6.11	" "
6+50	GRADE BRK.			22.29		16.30	5.99	" "
7+00				23.10	1.306%	16.95	6.15	" "
7+50 ⊙				2423.92		2417.60	6.32	" "

F. B. 3452 Pg. 54 | Job No. 5043.24 | Division No. | Notes Red | Plotted | Profile
Survey of W. W. DIST. #4 | Date | Date | No.
Survey by MENDONCA | Notes ALBRIGHT | 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.	% GR.	BOT. OF TRENCH	CUT	
8+00				2424.48		2418.25	6.23	1X2 STK & TIN (6' WE
8+50				25.48		18.90	6.58	" "
9+00				25.85		19.56	6.29	SPK & TIN "
9+50				27.17		20.21	6.96	1X2 STK & TIN (6' WE
10+00				28.82		20.86	7.96	" "
10+50				28.42	1.305%	21.51	6.91	" "
11+00				29.23		22.16	7.07	" "
11+50				29.33		22.82	6.51	" "
12+00				29.38		23.47	5.91	" "
12+50				30.52		24.12	6.40	"
13+00				31.05		24.77	6.28	" "
13+50				31.85		25.42	6.43	" "
14+00				32.16		2426.08	6.08	" "
14+29.49	℄ OF AVE. K-12					—	—	" "
14+39.49	12" CROSS		SAME POINT	32.27		2426.60	5.67	SPK & TIN "
0+85 (EAST)	12" CROSS					2426.60	—	
1+00 (EAST)	℄ OF 25TH ST. WEST					—	—	
1+40 (EAST)	TRACT BOUNDARY			2432.11		2426.60	5.51	SPK & TIN (6' SO
T.B.M. #2				2417.23				FOR DESCRIPTIONS SE ABOVE

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

F. B. [illegible] PG. [illegible]

F. B. 3452 PG. 56

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-298 CE 307/5-66

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F. B. [illegible] PG. 57

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

J.N. 5043.10

WATER WORKS DIST. #4

DIVISION ST
WATERMAIN
&
WELL SITE #33

SPEC. WWD-4-438

COATES
HUBBARD
BITTEL
ADAMS
CROWE

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

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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.

F. B. 3452 PG. 58 | Job No. 5043.19 | Division No. | Notes Red | Plotted | Profile No.
Survey of W.W. DIST #4 | Notes | Date | Date | X-Sec. No.
Survey by J.S. Coates | Notes J.S.C. | Notes Chk'd. | Checked
Indexed | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT TRENCH GRADE	CUT		
BM #101-126				2423.01		BM #101-126		Elev. 2423.010 1970 adj	FB. 2410-32
TP				23.28		1.0 S.R.R. C.E. Mon. in	140'± S	& Arc K 12"x12" Conc Post	4" up
0+19	EXIST.	10" MAIN		22.93		2417.82	5.11	Set spk & Tin	6' E. & pipe
0+26	10" G.V.			22.82		2417.88	4.94	"	"
0+40				22.70		18.00	4.70	"	"
0+50				23.21		18.09	5.12	Set stk & Tin	6' E. & pipe
1+00				24.34		18.52	5.75		
2+00				25.67		19.38	6.29		
3+00				26.53		20.24	6.29		
4+00				27.39		21.10	6.29		
5+00				28.12		21.96	6.16		
6+00				28.98		22.82	6.16		
7+00				29.82		23.68	6.14		
8+00				30.61		24.54	6.07		
9+00				31.42		25.40	6.02		
10+00				32.01		26.26	5.75		
11+00				33.01		27.12	5.89		
12+00				33.62		27.98	5.64		
13+00				34.28		28.83	5.45		
13+36	12" G.V.			35.39		2429.10	6.28	Elev 2433.2	
14+00				2435.81		29.96	5.85		

76-L-298 CE 307 5-66

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	%	BOT. TRENCH GRADE	CUT		
15+00				2437.04		2430.78	6.26 ✓		
16+00				38.17		31.80	6.37 ✓		
17+00				39.28		32.82	6.46 ✓		
18+00				40.16		33.84	6.32 ✓		
19+00				41.23		34.86	6.37 ✓		
20+00				42.30		35.88	6.42 ✓		
21+00				43.20		36.90	6.30 ✓		
22+00				43.78		37.92	6.06 ✓		
22+27.75	12" "T"			43.73		38.20	5.53 ✓		
" "	& 31' W.	45° down		2442.96	1.02%	"	4.76 ✓		
" "	& 81' W	" "		43.95		"	5.75 ✓		
" "	& 113.5 W	End		43.98		"	5.78 ✓		
23+00				45.04		38.94	6.10 ✓		
24+00				46.40		39.96	6.44 ✓		
25+00				47.10		40.98	6.12 ✓		
25+26.75	"T" to F.H.			47.63		41.26	6.37 ✓		
25+46.75	14" "T"			47.79		41.46	6.33 ✓	DIFF 2446.3	
" "	& 7' W (G.V.)			47.23		"	5.77 ✓		
" "	& 31' W			46.30		"	4.84 ✓		
" "	61' W			47.20		"	5.74 ✓		
	105.25 W.			48.51		"	7.05 ✓		
	120.5 W	14"x14"x10" T		49.04		44.24	4.80 ✓		-4.8

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. ____ Pg. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM #5				2443.15	BM #5 Elev. 2443.15 FB. 3452-52	
					DIV. ST. & AVE K-8, 465' W of 1/4 sec line	
					40' W. CF MON. N.E. LOT COR MKD, COR #5, 12" dn.	

F. B. 3452 PG. 60

Job No. 5043-19 Division No. Notes Red Plotted Profile

Survey of Date No.

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

Indexed Date Date Date No.

Notes Ck'd by	Survey of W.W. DIST.
Map No.	JN 5043.18 Tape Std °F
Office Work	Surveyed by J.S. COATES
Checked	Notes JSC Date 3-10-72
Date	Indexed

F.B. 2453 PG. 61

J.N. 5043.18

WATERWORKS DISTRICT #4

RELOCATION
OF
WATERMAIN
AT
AVE. J & A.V. FREEWAY DRAINAGE STRUCTURE
&
15th ST. W. @ A.V. FREEWAY

SPEC. W.W.D. 4-363

COATES
HUBBARD
BITTEL
ADAMS
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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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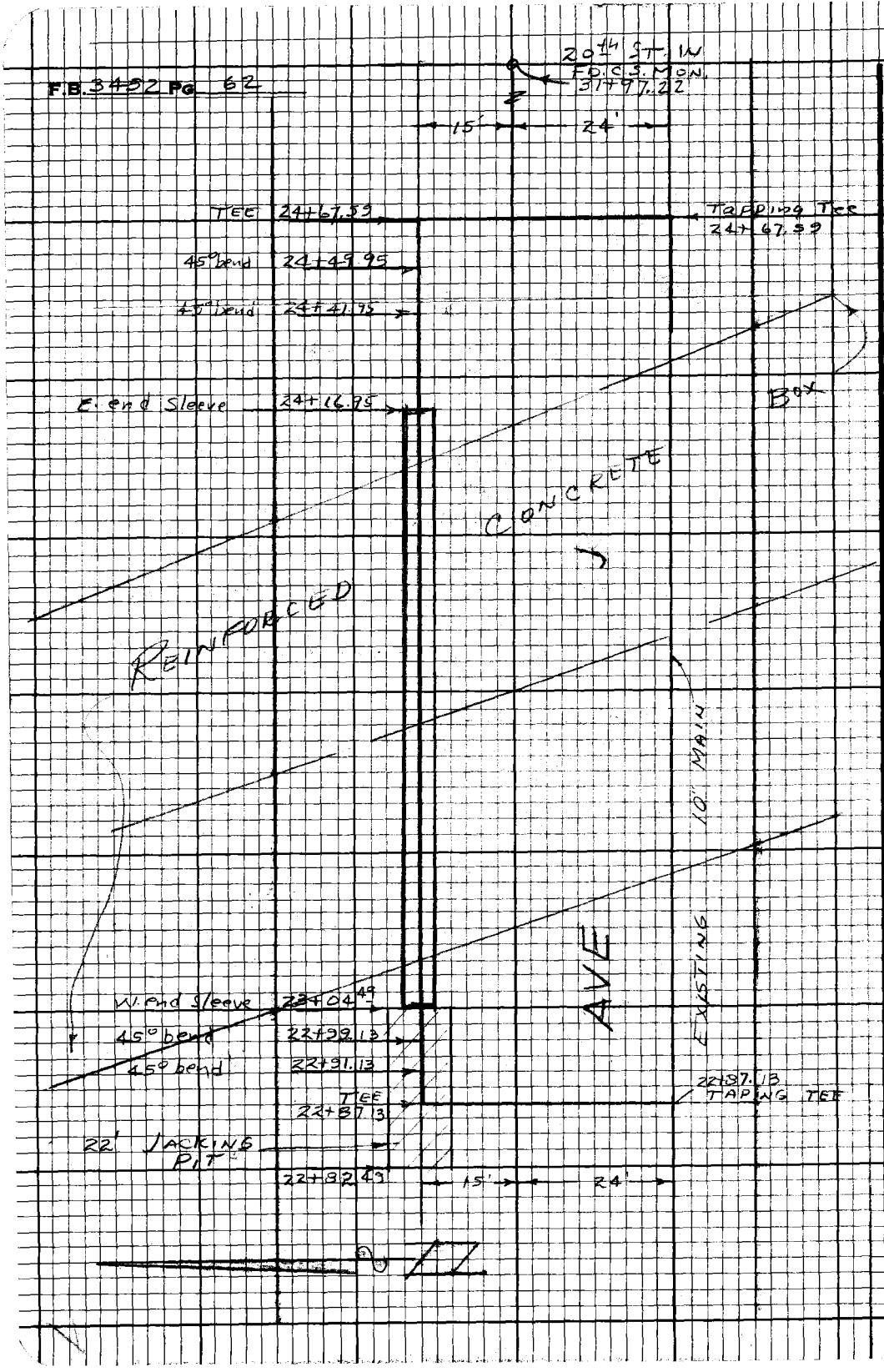
76F3098 CE#310 9-67

FB. 3452 PG 62



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403 Los Angeles County Engineering Bldg.

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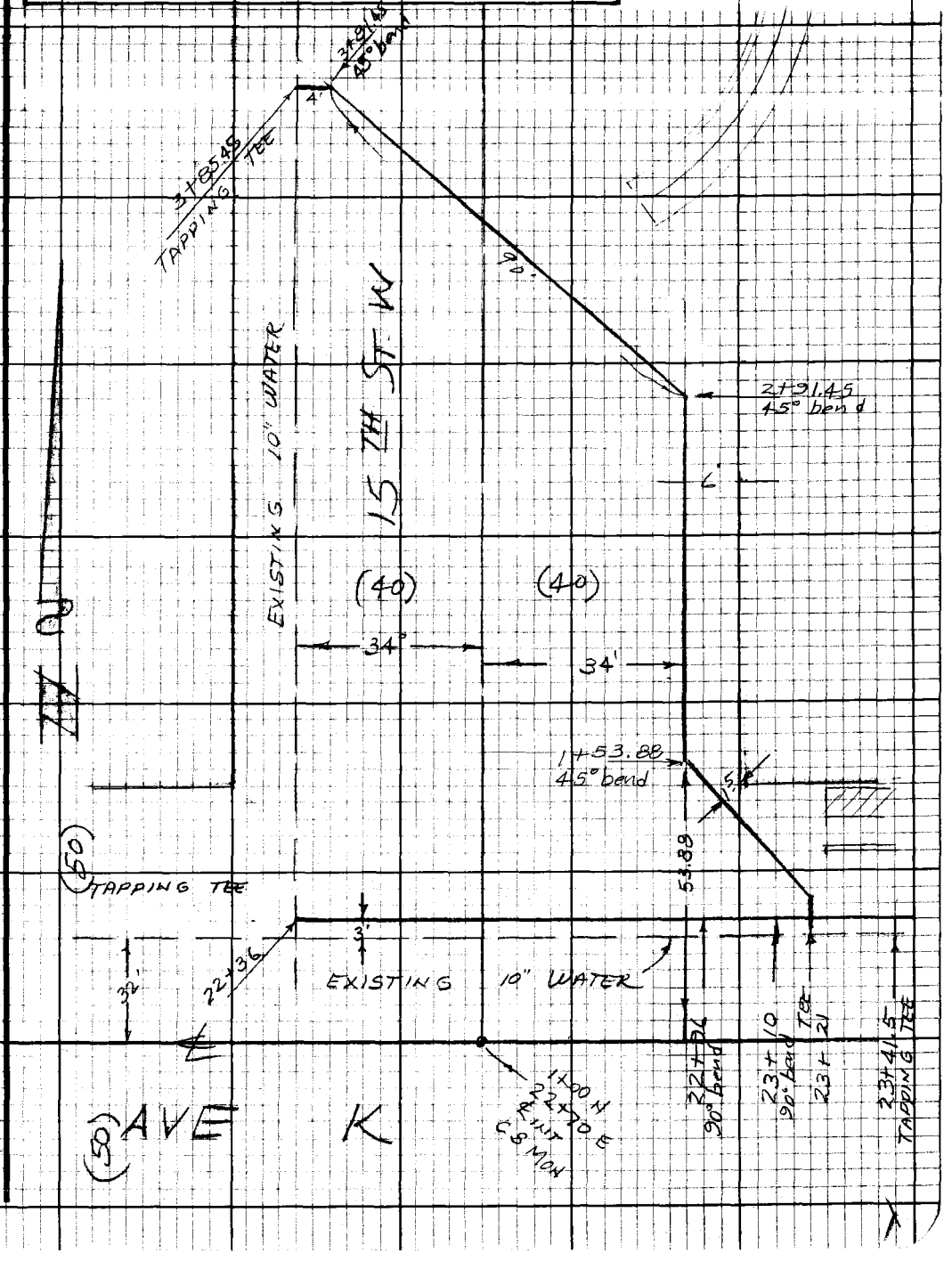
Notes Ck'd by	Survey of W W D
Map No.	JN 3043.18 Tape Std
Office Work	Surveyed by
Checked	Notes JSC Date 3-10-72
Date	Indexed

F.B. 3452 PG. 63



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

75F3098 CE#310 9-67

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F.B. 3452 PG 68

Profile	Notes Red	Plotted	Job No. 5043.18	Division No.	F. B. 3171 Pg. 65
No.	Date	Date	Survey of W. W. DIST. #4		
X-Sec.	Notes Chk'd.	Checked	Survey by	Notes	Date
No.	Date	Date	Map No.	Indexed	Date

J. N. 5043.18

WATERWORKS DISTRICT #4

RELOCATION
OF
WATER MAIN

AT
AVE. J & A.V. FREEWAY DRAINAGE STRUCTURE
&
15th ST. W. @ A.V. FREEWAY

SPEC WWD 4-363

COATES
HUBBARD
ADAMS
BITTEL
CROWE

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.				
TBM (STATE)				2343 24	TBM Elev. 2343 24			per STATE SURVEY CREW
					Chis Knob in cb			near TP# K1180Y
TBM (STATE)				42 66	TBM Elev. 2342.65			per STATE SURVEY CREW
					Chis Knob in west			end cb.
South Side								
22+87.13	Tapping "T"			40 05	2337.00	2.05		Set W&T 5'S. of "T"
North Side								
22+82.49	West end pit & sleeve			41 82	2330 00	11.82		
22+87.13	"T"			41 82	2337.00	4.82		
22+91.13				41.82	2337.00	4.82		
22+99.13				41 82	30.00	11.82		
23+04.49				41 81	"	11 81		
24+16.95	E. end Sleeve			41 95	"	11.95		
24+41.95				41 98	"	11.98		
24+49.95				42 00	37.00	5 00		
24+67.59	"T"			42 09	37.00	5.09		
	South Side							
"				42 04	37.00	5.04		
TBM State							TBM	Elev. 2342.65

F. B. 3452 Pg. 66 Job No. 5043.18 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.

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.	%	Flow Line Grade	Cut		
BM 105-5				2391 67				BM 105-5 Elev. 2391.67 FB AVE K & 15th St W ... C.S. MON. in H.H.	
22+36	Tapping "T"			9278		2387.20	5.58	Set S&T 5' N. ℄ P.C.	
22+96	90° Elbow			9293		87.50	5.43		
"	90° Elbow					82.70	10.23		
23+10	90° Elbow			9288		"	10.18		
"	90° Elbow			"		87.50	5.38		
23+21	"T"			9321		87.60	5.61		
23 +41.5				9324		"	5.64		
1 + 53.88				9358		87.00	6.58	Set S&T 5' E. ℄ P.C.	
2+00				9299		86.30	6.69		
2+91.45	45° bend			90.34		85.00	5.34		
	"			9020		85.00	5.20		
3+28.8				8967		84.50	5.17		
3+81.5	45° bend			8885		84.00	4.85		
"	"			8950		"	5.50		
3+85.5	Tapping Tee			8983		"	5.83		
BM 105-5				2391 67					

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

F. B. ____ PG. ____

F. B. 3452 Pg. 70 Job No. 504310 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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408 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L-298 CE 307 5-66

Notes Ck'd by	Survey of [illegible]	F. B. [illegible] PG. 71
Map No.	JN 5043.18 Tape 10 Std. 24 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes MCH Date 5-72	
Date	Indexed	

JN 5043.18
WATERWORKS DISTRICT #4

RELOCATION
OF
WATER MAIN
AT
AVE J & A.V. FREEWAY DRAINAGE STRUCTURE

Spec. W.W. D. 4-363

Hubbard
ADAM
BITTEL

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

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

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76F309S CE#310 3-69

F. B. 3452 PG 72

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. Pg.

Profile No. Notes Red Date Plotted Date Job No. Division No.
Survey of W W DIST #4
X-Sec. No. Notes Chk'd. Date Checked Date Survey by Notes Date
Map No. Indexed Date

J.N. 5045.18

WATERWORKS DISTRICT #4

RELOCATION

OF

WATER MAIN

AVE J & AV FREEWAY DRAINAGE STRUCTURE

SPEC WWD #4-363

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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408 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.		
TBM (STATE)				2343.24	TBM Elev. 2343.24 PER STATE SURVEY crew. chis Knob in cb. near TP #K1180Y	
					Cr. / CUT	Set STAKE 5'N
23+11.13 (West End Sleeve)				* 2337.73	2330.00 / 8.73	
23+67.36 (Center Sleeve)				* 2333.22	" / 4.22	
24+13.59 (East End Sleeve)				2338.58	" " / 9.58	
TP				2340.95		
TBM (STATE)				2342.65	TBM Elev. 2342.65 PER STATE SUR. crew chis Knob in west in cb	

F. B. 3452 Pg. 74 Job No. 5043.18 Division No. Notes Red Plotted Profile
Survey of WW DIST 4 Date Date No. X-Sec.
Survey by HCH Notes HCH Notes Chk'd. Checked
Indexed Date 3-72 Date Date No.

7

Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN 5043.45 Tape 1/2 Std 0.7 °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 4-[illegible]
Date	Indexed C. J. CALLI MAY 3 [illegible]

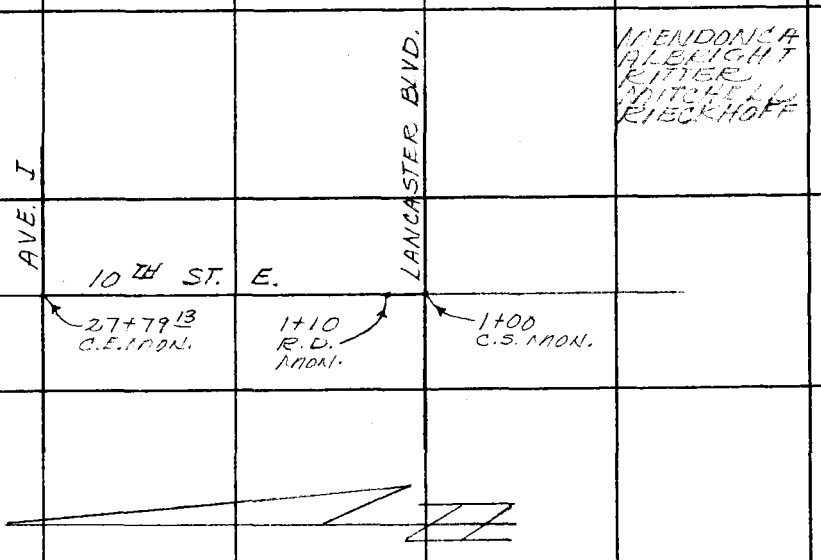
F. B. 3452 PG. 75

J.N. 5043.45

10TH ST. E. WATERMAIN

LOCATION OF IMPROVEMENTS

FROM: LANCASTER BLVD.
TO: AVE. I



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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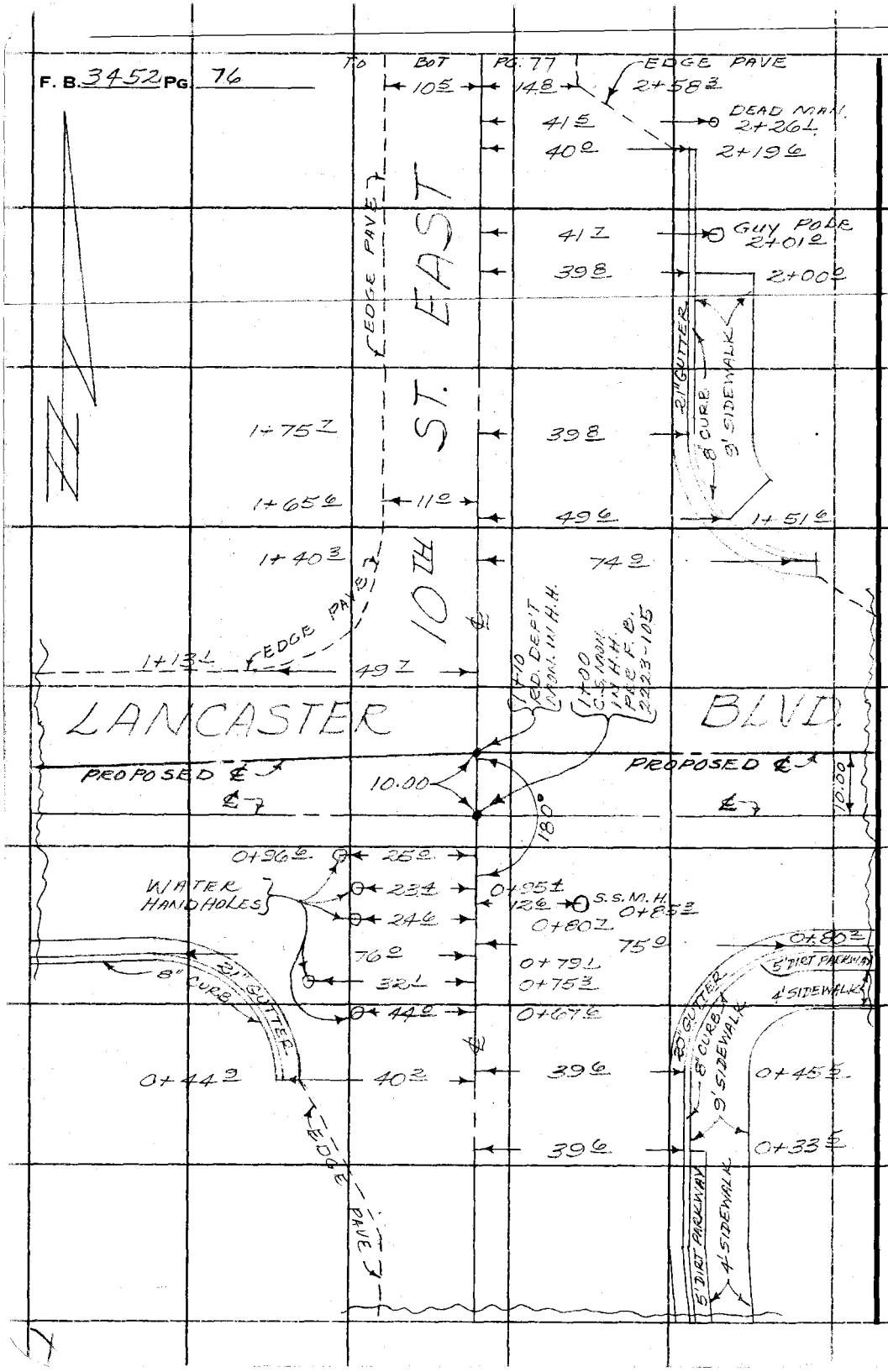
76F309S CE#310 3-68

F. B. 3452 PG. 76



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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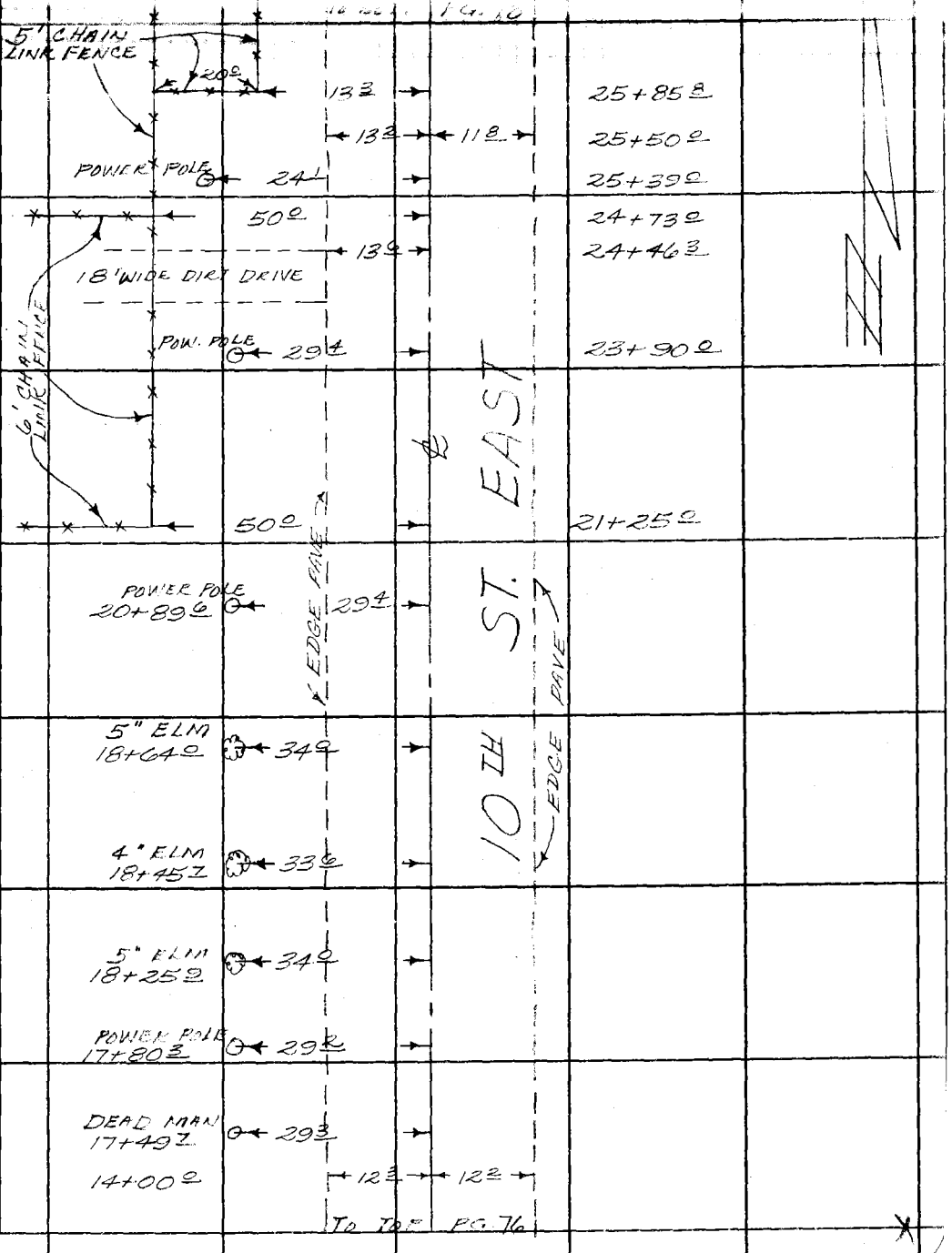
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible] DIST #1
Map No.	JN 0043.40 Tape 142 Std 24 °F
Office Work	Surveyed by [illegible]
Checked	Notes J. M. Date 4-[illegible]
Date	Indexed C. J. GALLI [illegible]

F. B. 3152 PG. 77



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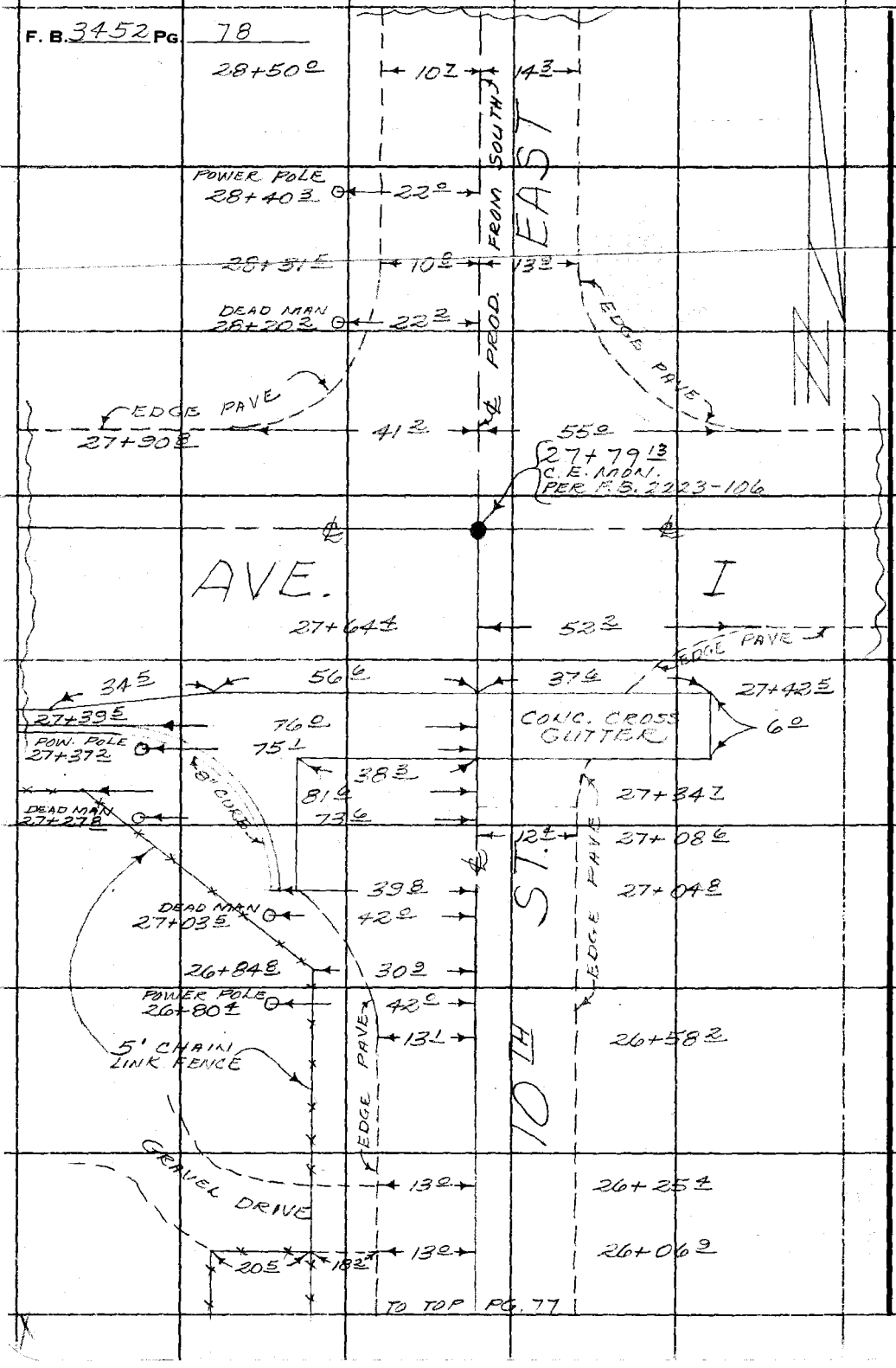
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3452 PG 78



TO TOP PG. 77

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. [illegible] PG. 79

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. [illegible] Division No. ____ Survey of W.W. DIST. #4

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Notes ____ Indexed O. J. GALLI Date ____ Date ____

J.N. [illegible]

10TH ST. E. WATERMAIN

CROSS SECTIONS

FROM: LANCASTER BLVD.
TO: AVE. I

STATION	B. S.	H. I.	F. S.	ELEV.
				MENDONCA ALBRIGHT RITTER MITCHELL RIECKHOFF

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76-L-298 CE 307 5-66

X

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.		
FD. BM. #105-18	5.14	2365.27		2360.13	BM #105-18 EL.=2360.132 1967 ADJ. F.B. 3715-51 IN LANCASTER AT THE CENTERLINE INTERSECTION OF AVE I AND 10TH ST E. A PRECAST MONUMENT 10 INCHES BELOW THE SURFACE UNDER A CAST IRON COVER. THIS B.M. IS MARKED "SECTION CORNER 11, 12, 14, 13 T 7N R 12W-R.H.W."	
FD. B.M. #105-19A	4.40	2365.49	4.18	2361.09	B.M. #105-19A EL.=2361.089 1967 ADJ. F.B. 3715-51 AT INT. OF AVE I AND 10TH ST. E. 77.6 FT. W. AND 405 FT. S. OF ℄ INT. A USC & GS. BRASS CAP MON. SET IN TOP OF CONCRETE CURB. 1.50 FT. W. OF W CURB RETURN. MON MKD. "Y448 1961"	
T.P.	5.67	2367.50	3.66	2361.83		
T.P.	5.86	2369.48	3.88	2363.62		
T.P.	6.15	2371.73	3.90	2365.58		
T.P.	5.75	2373.65	3.83	2367.90		
T.P.	5.87	2375.72	3.80	2369.85		
T.P.	5.94	2377.83	3.83	2371.89		
T.P.	5.95	2380.04	3.74	2374.09		
T.P.	6.40	2382.88	3.56	2376.48		
FD. TBM #I8-10E			2.73	2380.15	TBM #I8-10E EL.= AT INT. OF LANCASTER BLVD AND 10TH ST E. 77.5 FT W. AND 22.0 FT. S. OF ℄ INT. A RD. DEPT. B.M. TAG AND NAIL SET IN TOP OF CONCRETE CURB. 2 FT. W OF W. CURB RETURN. TAG MKD. "B.M. L.A. CO. RD. DEPT."	

X

F. B. 3452 PG. 80 Job No. 5043.45 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. #4 Date Date No.
Survey by MEHDOKEH Notes AIRFIGHT 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.		
TBM#I8-105				2380.15	TBM#I8-10E EL= AT INT. OF LANCASTER BLVD AND 10TH ST. E. W. AND 22.0 FTS. OF ℄ INT. A RD. DEPT. B.M.7.A. NAIL SET IN TOP OF CONCRETE CURB 2 FT. W. CURB RETURN. TAG MKD. "B.M.L.A. CO. RD.	
0+00				80.24	℄	
0+33.5				80.42	℄	
				79.61	39.6' R GUTTER	
				80.42	39.6' R TOP CURB	
				80.73	49.3' R EDGE SIDEWALK	
0+49.2				80.45	℄	
				79.59	49.3' L GUTTER	
				80.23	49.3' L TOP CURB	
				80.5	50.0' L	
0+79.1				80.43	℄	
				79.51	76.0' L GUTTER	
				80.15	76.0' L TOP CURB	
0+82.2				80.43	℄	
				79.90	75.0' R GUTTER	
				80.54	75.0' R TOP CURB	
1+[illegible]00				80.38	℄ INT. (LANCASTER BLVD & 10TH ST. E) (A[illegible])	
				2380.28	50.0' R (℄ " ")	

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

C. J. GALLI

F. B. 2457 PG. 81

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.		
1+00				2380.34	100.0' R (℄ LANCASTER BLVD)	
				79.97	50.0' L (" " ")	
				79.94	100.0' L (" " ")	
1+13.1				80.45	℄	
				80.18	50.0' R PAVE	
				79.77	49.7' L EDGE PAVE	
1+40.3				[illegible]	℄	
				79.62	74.9' R GUTTER	
				80.28	74.9' R TOP CURB	
1+65.2				[illegible]	℄	
				79.84	11.0' L EDGE PAVE	
				78.8	23.8' L FLOW LINE	
				79.2	27.5' L TOP BRK	
				79.5	50.0' L	
1+75.7				79.81	℄	
				78.80	39.8' R GUTTER	
				79.57	39.8' R TOP CURB	
				79.86	49.5' R EDGE SIDEWALK	
2+00				79.43	℄	
				78.23	39.8' R GUTTER	
				2379.06	39.8' R TOP CURB	

F. B. 3452 PG. 92 Job No. 504845 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDOZA Notes ALBRIGHT 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.		
2+00				237931	49.5' R	EDGE SIDEWALK
				7922	10.3' L	EDGE PAVE
				781	24.2' L	FLOW LINE
				786	26.7' L	TOP BRK
				787	50.0' L	
2+19.6				7917	℄	
				7813	40.0' R	GUTTER
				7881	40.0' R	TOP CURB
2+58.3				7875	℄	
				7857	14.8' R	EDGE PAVE
				776	32.9' R	FLOW LINE
				790	37.5' R	TOP BRK
				788	50.0' R	
				7863	10.5' L	EDGE PAVE
				775	25.3' L	FLOW LINE
				786	27.0' L	TOP BRK
				792	50.0' L	
3+00				7831	℄	
				7810	14.1' R	EDGE PAVE
				769	26.2' R	FLOW LINE
				23786	30.0' R	TOP BRK

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

F. B. [illegible] PG. [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.	
3+00				23783	50.0' R
				7823	9.7' L EDGE PAVE
				771	26.0' L FLOW LINE
				782	27.9' L TOP BRK.
				792	50.0' L
4+00				7737	℄
				7705	13.7' R EDGE PAVE
				758	27.0' R FLOW LINE
				776	32.1' R TOP BRK.
				773	50.0' R
				7726	9.9' L EDGE PAVE
				762	25.9' L FLOW LINE
				784	35.1' L TOP BRK.
				782	50.0' L
5+00				7651	℄
				7621	13.4' R EDGE PAVE
				750	28.4' R FLOW LINE
				764	33.4' R TOP BRK
				762	50.0' R
				7644	10.5' L EDGE PAVE
				23756	25.8' L FLOW LINE

F. B. 3452 Pg. 84 Job No. 50245 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
5+00				2377.6	34.7' L TOP BRK	
				77.8	26.9' L	
6+00				75.77	℄	
				75.46	13.4' R EDGE PAVE	
				74.1	28.8' R FLOW LINE	
				75.7	32.4' R TOP BRK	
				75.3	50.9' R	
				75.64	10.6' L EDGE PAVE	
				74.6	26.4' L FLOW LINE	
				76.0	31.8' L TOP BRK	
				76.8	50.9' L	
7+00				74.97	℄	
				74.68	13.8' R EDGE PAVE	
				73.3	28.9' R FLOW LINE	
				74.8	33.3' R TOP BRK	
				74.5	50.9' R	
				74.19	11.9' L EDGE PAVE	
				73.4	26.3' L FLOW LINE	
				74.0	33.3' L TOP BRK	
				73.7	50.9' L	
8+00				337.20	℄	

Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of [illegible]
X-Sec. Notes Chk'd.____ Checked____ Survey by [illegible] Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed R. J. GALLI Date [illegible]

F. B. Pg.

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STATION	B. S.	H. I.	F. S.	ELEV.	
8+00				237388	12.9' R EDGE PAVE
				724	27.4' R FLOW LINE
				733	33.1' R TOP BRK
				734	50.0' R
				7405	11.0' L EDGE PAVE
				727	26.1' L FLOW LINE
				733	29.5' L TOP BRK
				726	50.0' L
9+00				7340	℄
				7314	12.6' R EDGE PAVE
				717	27.6' R FLOW LINE
				727	31.3' R TOP BRK
				727	50.0' R
				7328	11.4' L EDGE PAVE
				715	26.4' L FLOW LINE
				724	29.7' L TOP BRK
				712	50.0' L
10+00				7267	℄
				7239	12.5' R EDGE PAVE
				710	27.2' R FLOW LINE
				23718	32.3' R TOP BRK

F. B. 3452 PG. 86 Job No. 50345 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 Date Date No.
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Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
10+00				2371.7	50.0' R	
				7255	11.6' L EDGE PAVE	
				713	26.7' L FLOW LINE	
				719	30.0' L TOP BRK	
				713	50.0' L	
11+00				7205	℄	
				7174	12.5' R EDGE PAVE	
				705	28.0' R FLOW LINE	
				710	31.6' R TOP BRK	
				706	50.0' R	
				7187	11.7' L EDGE PAVE	
				707	27.0' L FLOW LINE	
				712	30.0' L TOP BRK	
				707	50.0' L	
12+00				7134	℄	
				7118	12.3' R EDGE PAVE	
				698	27.4' R FLOW LINE	
				713	31.3' R TOP BRK	
				704	50.0' R	
				7109	11.9' L EDGE PAVE	
				23699	26.4' L FLOW LINE	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of [illegible]
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed D. J. GALLI Date MAY 3 [illegible]

F. B. [illegible] PG. [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.		
12+00				2870.6	29± L TOP BRK.	
				71.0	50.0 L	
13+00				70.69	℄	
				70.45	12.1' R EDGE PAVE	
				69.1	27.0' R FLOW LINE	
				70.0	30.3' R TOP BRK	
				69.6	50.0' R	
				70.53	11.2' L EDGE PAVE	
				69.1	26.2' L FLOW LINE	
				69.9	30.3' L TOP BRK.	
				70.6	50.0' L	
14+00				69.96	℄	
				69.78	11.2' R EDGE PAVE	
				68.5	26.8' R FLOW LINE	
				69.8	31.5' R TOP BRK	
				68.8	50.0' R	
				69.79	12.1' L EDGE PAVE	
				68.5	27.0' L FLOW LINE	
				70.7	35.4' L TOP BRK	
				70.6	50.0' L	
15+00				2369.35	℄	

F. B. 3452 Pg. 88 Job No. 504345 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	
15+00				2369.15	11.8' R EDGE PAVE
				680	26.2' R FLOW LINE
				692	31.2' R TOP BRK
				684	50.2' R
				6910	12.8' L EDGE PAVE
				680	26.8' L FLOW LINE
				696	33.8' L TOP BRK
				697	50.8' L
16+00				6872	℄
				6855	11.8' R EDGE PAVE
				673	27.8' R FLOW LINE
				689	32.8' R TOP BRK
				682	50.8' R
				6857	12.8' L EDGE PAVE
				673	27.4' L FLOW LINE
				698	33.4' L TOP BRK
				702	50.8' L
17+00				6805	℄
				6797	11.8' R EDGE PAVE
				668	27.8' R FLOW LINE
				23684	32.8' R TOP BRK

Profile Notes Rec'd_____ Plotted_____ Job No._____ Division No._____
No._____ Date_____ Date_____ Survey of [illegible]
X-Sec. Notes Chk'd._____ Checked_____ Survey by_____ Notes_____ Date_____
No._____ Date_____ Date_____ Map No._____ Indexed [illegible] Date [illegible]

F. B. [illegible] Pg. [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.		
17+00				23681	50.0' R	
				6787	12.3' L EDGE PAVE	
				668	26.8' L FLOW LINE	
				696	34.4' L TOP BRK	
				693	50.0' L	
18+00				6722	℄	
				6707	11.8' R EDGE PAVE	
				662	27.0' R FLOW LINE	
				682	33.6' R TOP BRK	
				681	50.0' R	
				6705	12.3' L EDGE PAVE	
				662	25.6' L FLOW LINE	
				678	32.3' L TOP BRK	
				677	50.0' L	
19+00				6640	℄	
				6630	11.4' R EDGE PAVE	
				655	27.0' R FLOW LINE	
				683	34.8' R TOP BRK	
				681	50.0' R	
				6621	12.5' L EDGE PAVE	
				23654	26.4' L FLOW LINE	

F. B. 3452 Pg. 90 Job No. 5048.45 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT 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.		
19+00				2367.5	34.0' L TOP BRK	
				676	50.0' L	
20+00				6579	℄	
				6565	11.5' R EDGE PAVE	
				648	27.3' R FLOW LINE	
				678	36.3' R TOP BRK	
				679	50.0' R	
				6554	12.6' L EDGE PAVE	
				647	26.7' L FLOW LINE	
				671	33.0' L TOP BRK	
				668	50.0' L	
21+00				6509	℄	
				6491	11.3' R EDGE PAVE	
				642	26.2' R FLOW LINE	
				668	35.3' R TOP BRK	
				668	50.0' R	
				6500	12.7' L EDGE PAVE	
				643	26.6' L FLOW LINE	
				663	33.4' L TOP BRK	
				661	50.0' L	
22+00				236431	℄	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of W.W. DIST #4
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed D. J. GALLI Date MAY 3 '72

F. B. ____ PG. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
22+00				236420	11.6' R EDGE PAVE	
				636	26.4 R FLOW LINE	
				656	29.7' R TOP BRK	
				660	50.0' R	
				6420	12.3' L EDGE PAVE	
				632	27.4' L FLOW LINE	
				644	28.5' L TOP BRK	
				658	50.0' L	
23+00				6367	℄	
				6354	12.1' R EDGE PAVE	
				630	26.1' R FLOW LINE	
				656	30.0' R TOP BRK	
				655	50.0' R	
				6358	12.5' L EDGE PAVE	
				626	27.0 L FLOW LINE	
				640	29.5 L TOP BRK	
				652	50.0' L	
24+00				6315	℄	
				6297	11.4' R EDGE PAVE	
				623	26.0' R FLOW LINE	
				23641	29.0' R TOP BRK	

X

F. B. 3452 Pg. 92 Job No. 50245 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
24+00				23648	50' R	
				6296	12' L EDGE PAVE	
				618	26' L FLOW LINE	
				622	30' L TOP BAR	
				628	50' L	
25+00				6257	℄	
				6236	11' R EDGE PAVE	
				615	25' R FLOW LINE	
				629	30' R TOP BAR	
				634	50' R	
				6226	12' L EDGE PAVE	
				612	25' L FLOW LINE	
				622	31' L TOP BAR	
				638	50' L	
26+00				6200	℄	
				6183	11' R EDGE PAVE	
				608	24' R FLOW LINE	
				626	31' R TOP BAR	
				625	50' R	
				6184	12' L EDGE PAVE	
				23611	26' L FLOW LINE	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes by O. J. GALLI Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date [redacted] 3 72

F. B. ____ PG. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	
26+00				26625	32.1 L TOP BRK
				622	50.0 L
26+58.2				6158	℄
				6146	13.1' L EDGE PAVE
				607	26.1' L FLOW LINE
				615	41.5' L TOP BRK
27+00				6113	℄
				6095	11.5' R EDGE PAVE
				604	25.5' R FLOW LINE
				622	31.0' R TOP BRK
				618	50.0' R
27+04.8				6108	℄
				6044	39.8' L GUTTER
				6111	39.8' L TOP CURB
				616	50.0' L
27+39.5				6038	℄ GUTTER
				6025	37.0' R " EAST EDGE
				6040	76.0' L "
				6110	76.0' L TOP CURB
27+64.4				6098	℄
				236069	52.3' R

F. B. 3453 PG. 94 Job No. 5043.45 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
27+79.13				236117	℄ INT (AVE L & 10TH ST. E) (PAVE)	
				6090	50.0' R (℄ AVE L)	
				6077	100.0' R " "	
				6134	50.0' L " "	
				6144	100.0' L " "	
27+90.8				6101	℄	
				6080	55.0' R	
				6102	41.2' L	
28+04.0				6071	℄ (FLOW LINE) (PAVE)	
				6040	23.1' R " "	EDGE PAVE
				608	[illegible] R " "	
				6047	18.3' L " "	EDGE PAVE
				605	50.0' L " "	
28+21.5				6047	℄	
				6045	13.3' R EDGE PAVE	
				6032	10.8' L " "	
28+50				6040	℄	
				6048	14.3' R EDGE PAVE	
				596	30.2' R FLOW LINE	
				600	36.1' R TOP BRK.	
				23603	50.0' R	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible]

F. B. PG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
28150				236031	10 2' L EDGE PAVE	
				6000	19 3' L FLOW LINE	
				61.6	23 4' L TOP BRK	
				61.1	50 0' L	
FD B.M. #105-19A				2361.08	B.M. #105-19A EL.=2361.089 1967 ADJ. F.B. 3715-51	
					(FOR DESCRIPTION SEE PAGE 80)	

F. B. 3452 Pg. 96 Job No. 5043.46 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

Notes Ck'd by	Survey of [illegible] #1	F. B. 3452 Pg. 97
Map No.	JN 5043.46 Tape 145 Std 84 °F	
Office Work	Surveyed by	
Checked	Notes J.M. Date 4-72	
Date	Indexed C. J. GALLI MAY 5 72	

J.N. 5043.46

20TH ST. E. WATERMAIN

FROM: AVE. J-8
TO: AVE. J

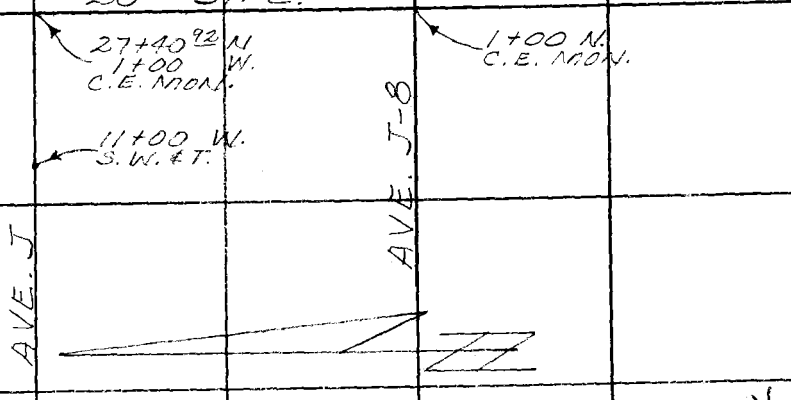
ALSO

AVE. J WATERMAIN

FROM: 20TH ST. E.
TO: 1000 FT± WESTERLY

LOCATION OF IMPROVEMENTS

MENDONCA
ALBRIGHT
RITTER
MITCHELL
RIECKHOFF



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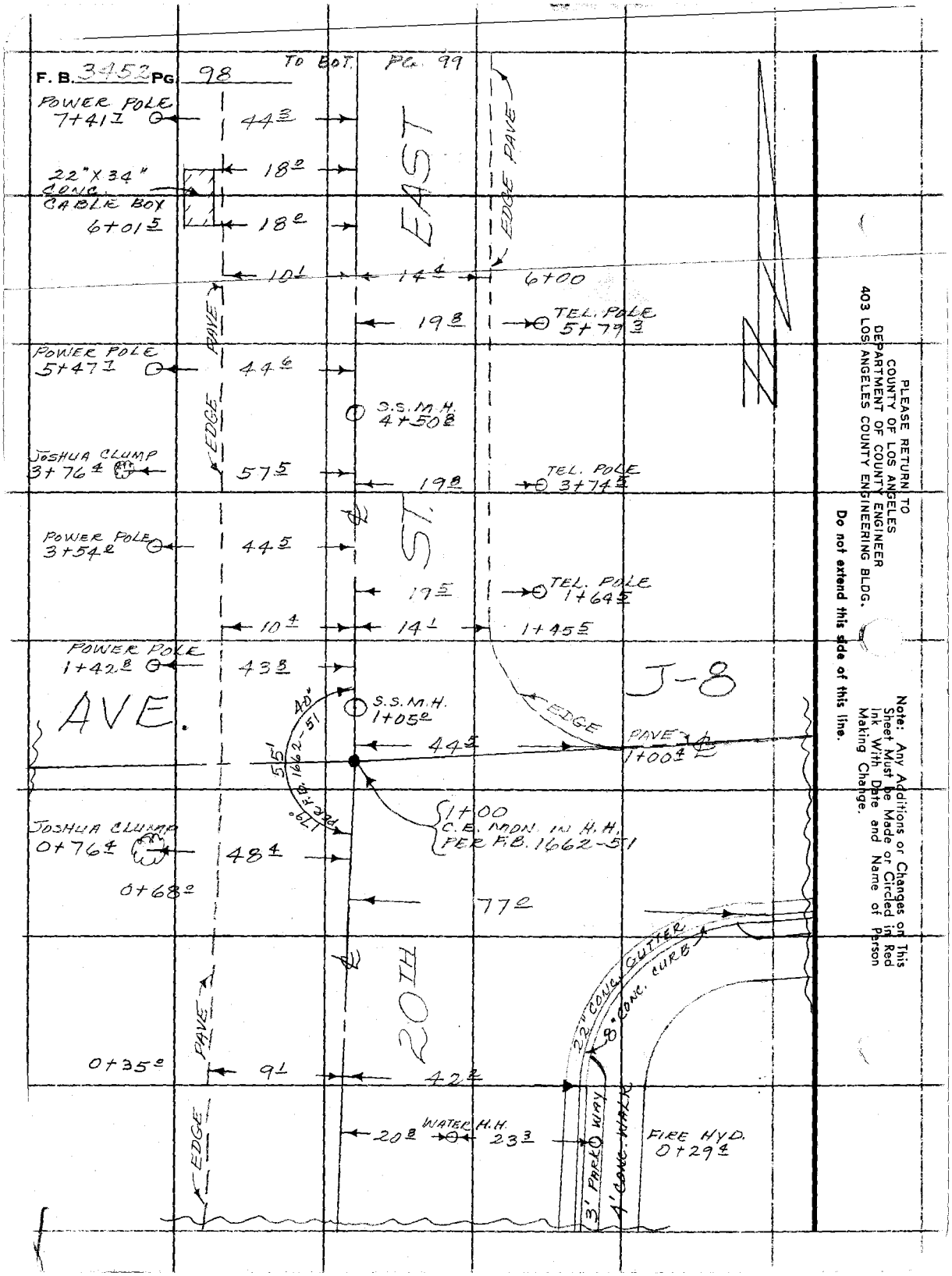
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-68



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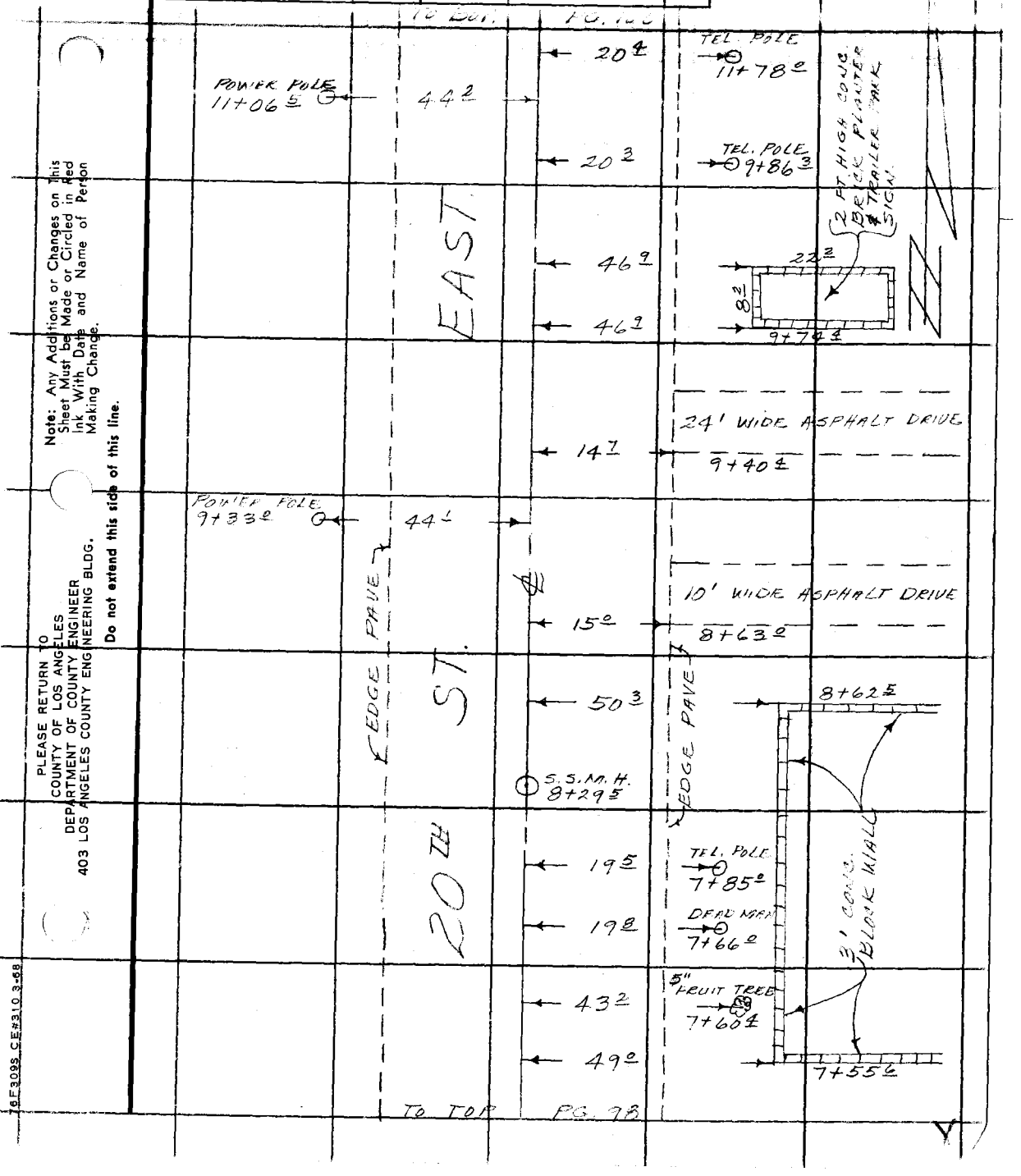
Notes Ck'd by	Survey of [illegible] DIST. #4
Map. No.	JN5043.46 Tape 145 Std. 0.4 °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 4-72
Date	Indexed C. J. GALLI

F. B. [illegible] PG. 99



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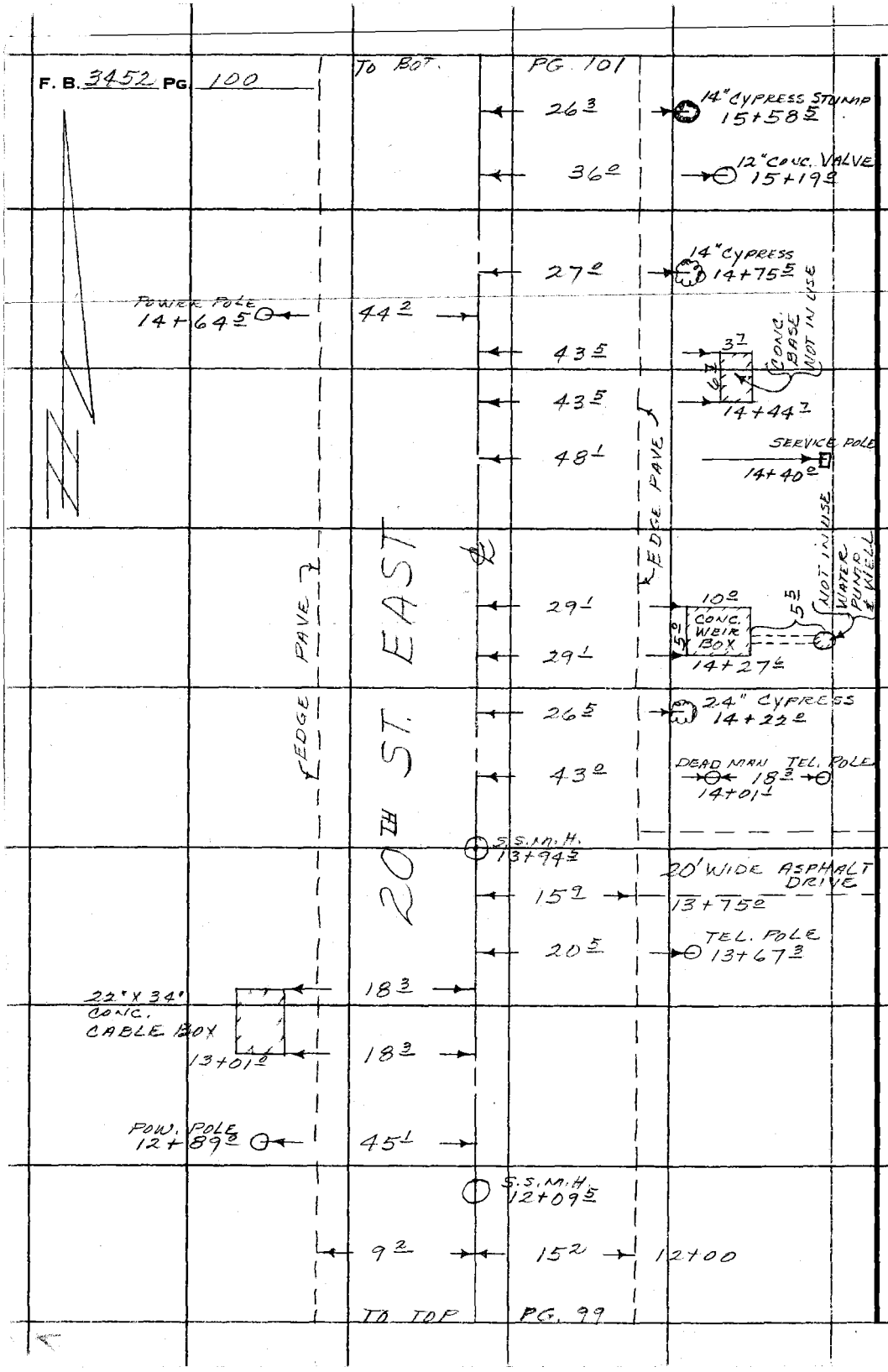
76F309S CE#310 3-68

F. B. 3452 PG. 100



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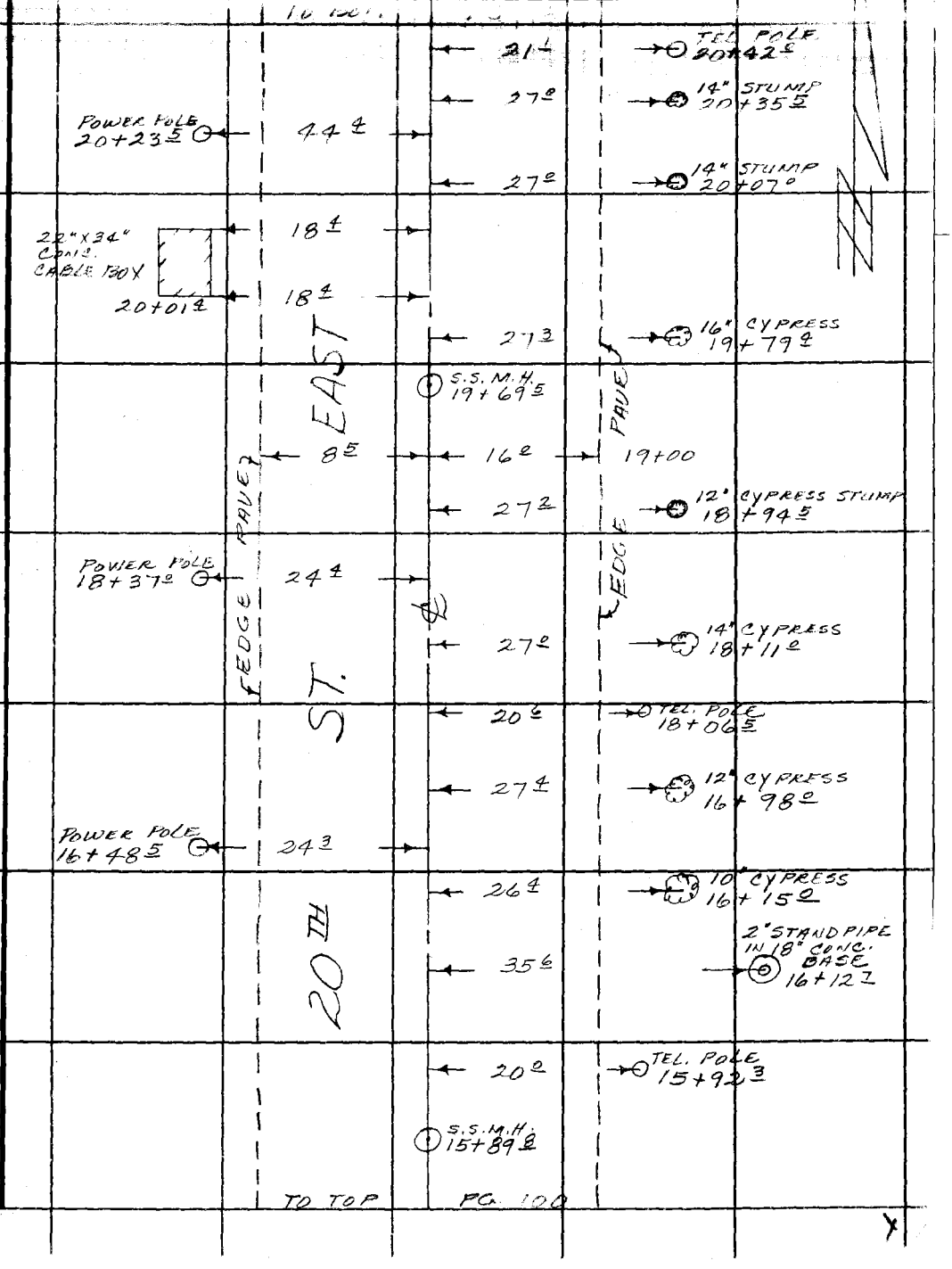
Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN 20424 Tape 1 Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed C. J. GALLI MAY 3

F. B. 3452 PG. 101



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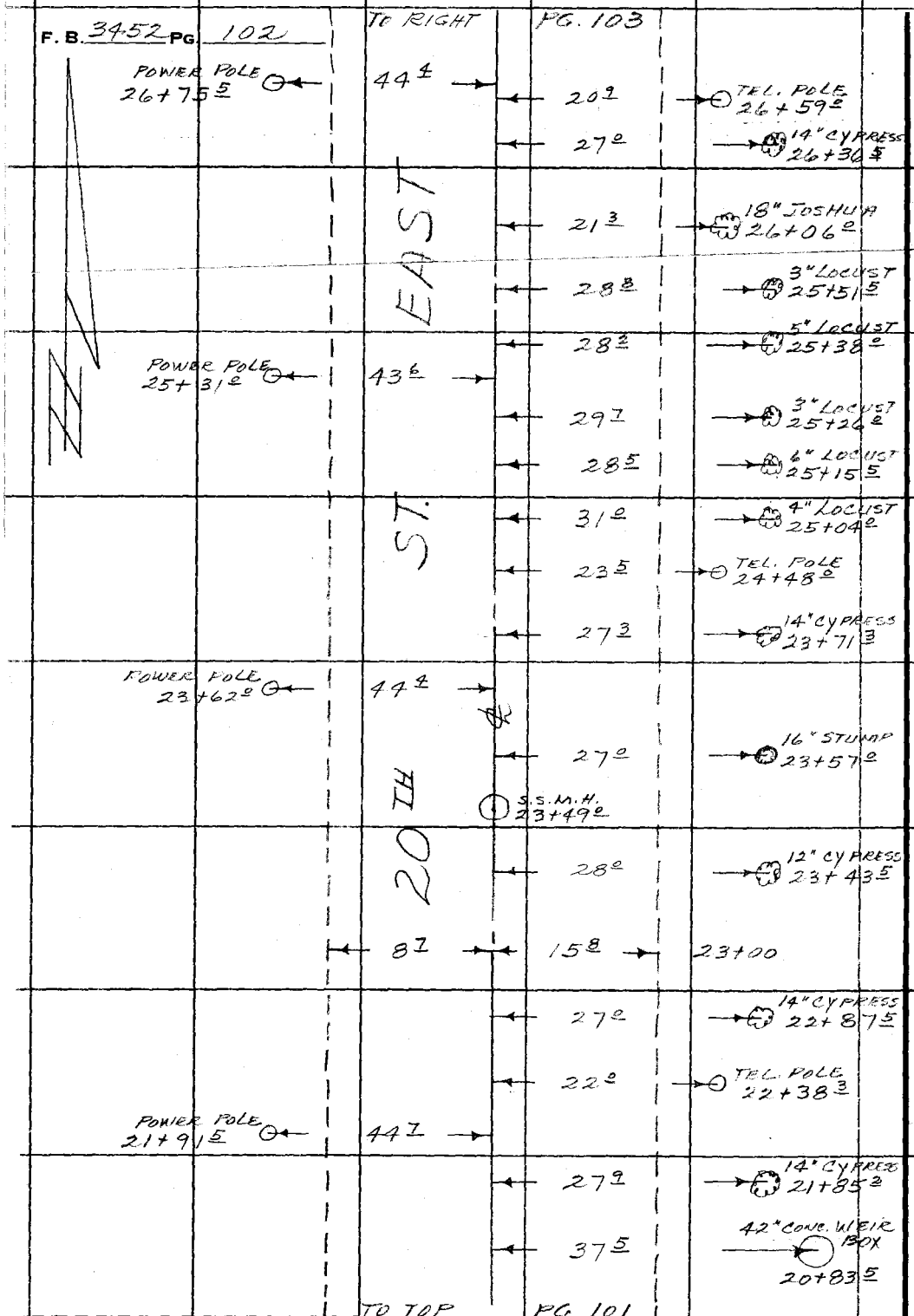
76F309S CE#310 3-68

F. B. 3452 PG. 102



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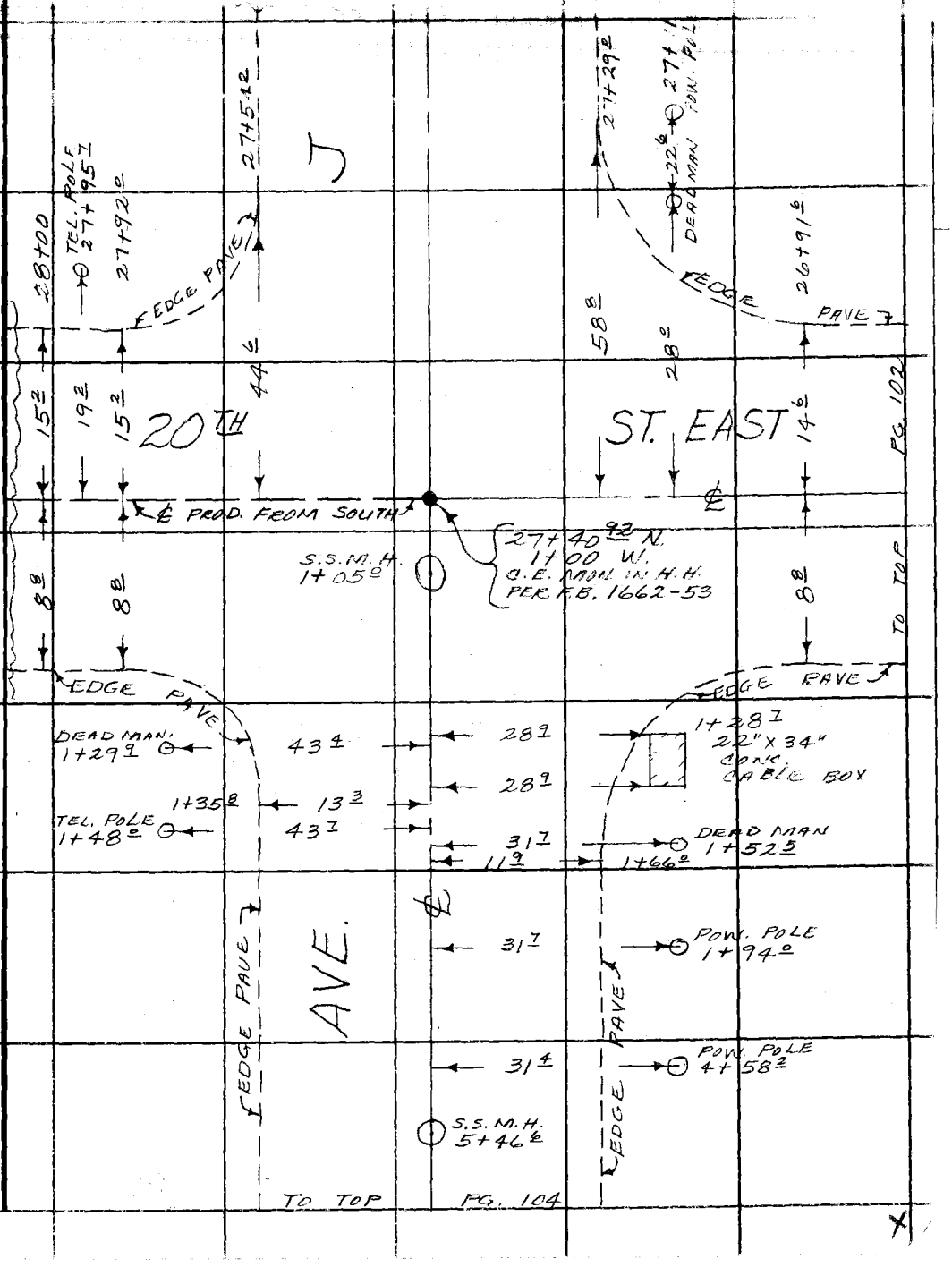
Notes Ck'd by	Survey of W.W. DIST. #4
Map No.	JN 5043.40 Tape [illegible] Std [illegible] °F
Office Work	Surveyed by [illegible]
Checked	Notes J.M. Date [illegible]
Date	Indexed C. J. GALLI MAY 3 72

F. B. 3452 PG. 103



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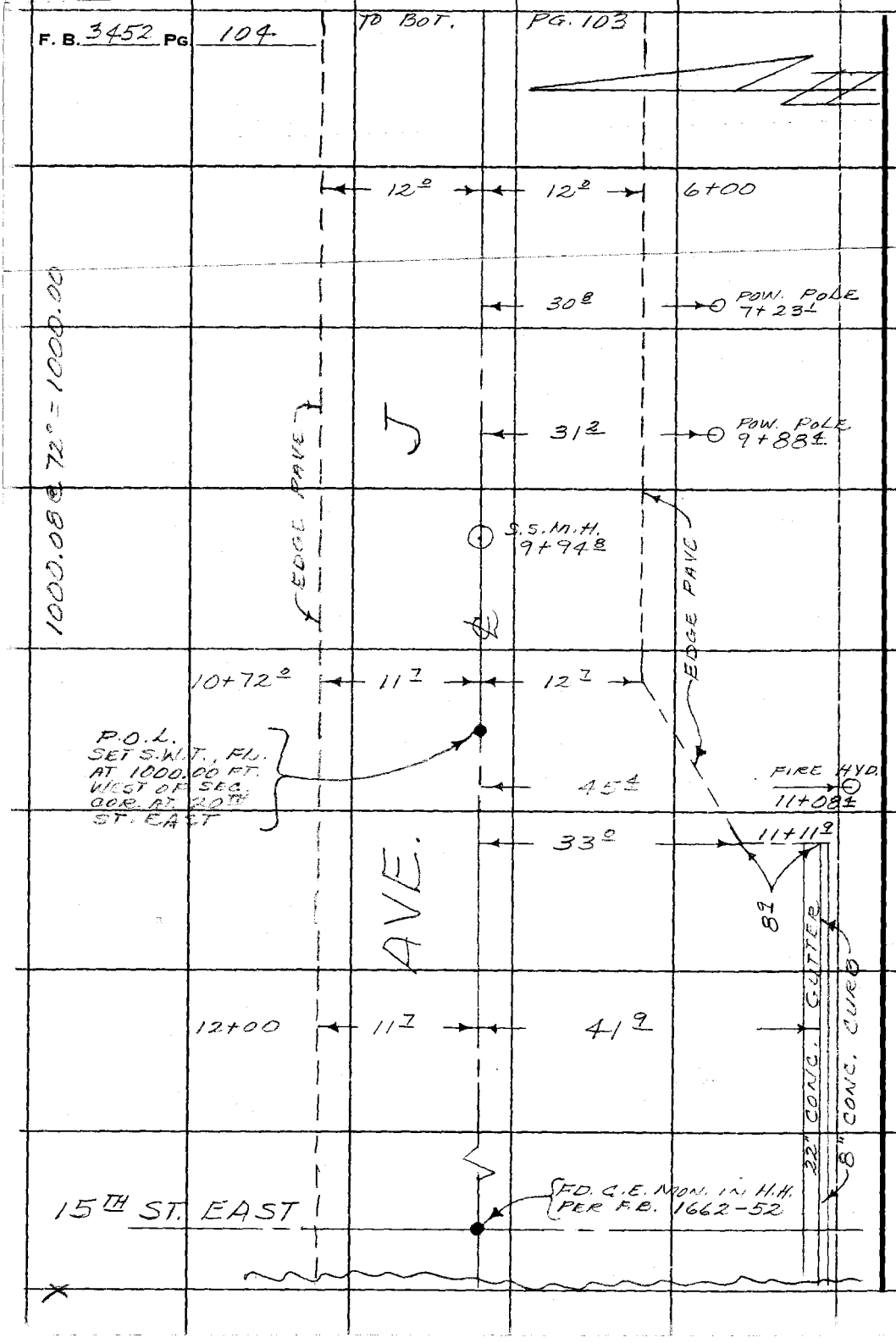
F. B. 3452 PG. 104



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F. B. 3452 PG. 105

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

20TH ST. E. WATERMAIN

FROM: AVE. J-8
TO: AVE. J

ALSO

AVE. J WATERMAIN

FROM: 20TH ST. E.
TO: 1000 FT. ± WESTERLY

CROSS SECTIONS

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

MENDONCA
ALBRIGHT
RITTER
MITCHELL
KIRCKHOFF

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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH ST. EAST
FD. BM#105-13				2409.68	BM#105-13 EL.=2409.68 1967 ADJ. F.B. 2417-155 AT INT. AVE J-8 & 20TH ST. E. A 1/4 SEC. COR. C.E. MON. IN H.H. FOR ℄ INT. MKD. "1/4 COR. 19, 24, T. 7N., R. 11 W., R. 12 W."
0+00				11.56	℄ (20TH ST. E.)
				10.82	42.3' R GUTTER
				11.50	42.3' R TOP CURB
				11.68	49.2' R E. EDGE WALK
				11.33	8.3' L EDGE PAVE
				10.8	16.3' L FLOW LINE
				12.6	22.8' L TOP BRK
				13.8	50.0' L
0+35.0				11.24	℄
				10.52	42.3' R GUTTER
				11.24	42.3' R TOP CURB
				11.42	49.2' R E. EDGE WALK
0+68.0				10.94	℄
				10.08	77.0' R GUTTER
				10.71	77.0' R TOP CURB
1+00.0				10.63	℄ INT. (AVE J-8 & 20TH ST. E.) (PAVE)
1+00.4				2410.63	℄

F. B. 3452 PG. 106 Job No. 50-12-46 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 Date Date No.
Survey by NEWTON Notes ALBERTO 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.	20th ST. EAST
1+00±				241051	44.5' R (N. EDGE PAVE)
				1055	50.0' R " " "
				1041	9.3' L EDGE PAVE
				101	17.3' L FLOW LINE
				120	25.3' L TOP BRK
				130	50.0' L
1+45.5				1018	℄
				1013	14.5' R EDGE PAVE
				099	19.3' R FLOW LINE
				101	29.5' R TOP BRK
				099	50.0' R
				0982	9.5' L EDGE PAVE
				097	17.0' L FLOW LINE
				113	24.5' L TOP BRK
				119	50.0' L
2+00				0957	℄
				0976	13.5' R EDGE PAVE
				090	21.6' R FLOW LINE
				098	29.5' R TOP BRK
				094	50.0' R
				240915	9.7' L EDGE PAVE

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible]

F. B. [illegible] PG. [illegible]

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
2+00				24089	17.9' L FLOW LINE	
				103	25.0' L TOP BRK	
				107	50.0' L	
3+00				0835	℄	
				0909	13.5' R EDGE PAVE	
				081	22.4' R FLOW LINE	
				088	29.3' R TOP BRK	
				087	50.0' R	
				0855	10.7' L EDGE PAVE	
				082	17.8' L FLOW LINE	
				092	26.5' L TOP BRK	
				095	50.0' L	
4+00				0841	℄	
				0848	13.8' R EDGE PAVE	
				077	22.8' R FLOW LINE	
				085	30.7' R TOP BRK	
				080	50.0' R	
				0806	10.3' L EDGE PAVE	
				075	17.3' L FLOW LINE	
				085	25.0' L TOP BRK	
				24096	50.0' L	

F. B. 3452 PG. 108 Job No. 504246 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
5+00				240779	℄	
				0768	13.7' R EDGE PAVE	
				070	21.9' R FLOW LINE	
				075	24.5 R TOP BRK.	
				075	50.0' R	
				0738	10.4' L EDGE PAVE	
				070	17.5' L FLOW LINE	
				080	26.0' L TOP BRK.	
				090	50.0' L	
6+00				0718	℄	
				0731	14.4' R EDGE PAVE	
				068	23.9' R FLOW LINE	
				075	28.9' R TOP BRK.	
				072	50.0' R	
				0697	10.0' L EDGE PAVE	
				066	16.3' L FLOW LINE	
				081	23.9' L TOP BRK.	
				101	50.0' L	
7+00				0679	℄	
				0682	14.3' R EDGE PAVE	
				24063	23.0' R FLOW LINE	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index E. J. GALLI Date NOV 3 '72

F. B. ____ Pg. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
7+00				24071	26.7' R TOP BRK	
				069	50.0' R	
				0643	9.7' L EDGE PAVE	
				060	17.5' L FLOW LINE	
				067	22.5' L TOP BRK	
				079	50.0' L	
9+00				0625	℄	
				0628	14.5' R EDGE PAVE	
				057	22.0' R FLOW LINE	
				060	26.0' R TOP BRK	
				064	50.0' R	
				0586	10.0' L EDGE BRK	
				057	17.3' L FLOW LINE	
				073	20.0' L TOP BRK	
				089	50.0' L	
9+00				0552	℄	
				0535	14.0' R EDGE PAVE	
				048	21.5' R FLOW LINE	
				052	28.0' R TOP BRK	
				054	50.0' R	
				240505	9.8' L EDGE PAVE	

F. B. 3452 PG. 110 Job No. 5[illegible] Division No. Notes Red Plotted Profile
Survey of W. W. 21ST #4 Date Date No.
Survey by [illegible] Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH ST. EAST
9+00				24048	17.8' L FLOW LINE
				060	20.5' L TOP BRK
				068	50.5' L
10+00				0482	℄
				0481	14.5' R EDGE PAVE
				026	24.5' R FLOW LINE
				044	20.5' R TOP BRK
				050	50.5' R
				0430	5.8 L EDGE PAVE
				038	17.5' L FLOW LINE
				037	20.5' L TOP BRK
				046	50.5' L
11+00				0420	℄
				0488	15.5' R EDGE PAVE
				025	23.5' R FLOW LINE
				039	20.5' R TOP BRK
				039	50.5' R
				0384	9.5' L EDGE PAVE
				032	16.5' L FLOW LINE
				042	19.5' L TOP BRK
				24034	50.5' L

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____ Date ____
Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by ____ Date ____
Map No. ____ Date ____ Indexed ____ Date ____ Notes C. J. GALLI Date NOV 3

F. B. ____ PG. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
12+00				24036.1	℄	
				0319	14.8' R. EDGE PAVE	
				021	21.8' R. FLOW LINE	
				034	31.3' R. TOP BRK.	
				033	50.8' R.	
				0310	9.8' L. EDGE PAVE	
				027	16.5' L. FLOW LINE	
				037	19.3' L. TOP BRK.	
				037	50.8' L.	
13+00				0287	℄	
				0245	15.5' R. EDGE PAVE	
				018	23.1' R. FLOW LINE	
				027	32.8' R. TOP BRK.	
				026	50.8' R.	
				0255	9.8' L. EDGE PAVE	
				022	16.3' L. FLOW LINE	
				034	21.8' L. TOP BRK.	
				031	50.8' L.	
14+00				0231	℄	
				0200	15.5' R. EDGE PAVE	
				24017	22.8' R. FLOW LINE	

F. B. 3452 PG. 112 Job No. 5043.46 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT 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.	30TH	ST. EAST
14+00				24022	30.0' R TOP BRK	
				024	50.0' R	
				0219	9.0' L EDGE PAVE	
				021	16.1' L FLOW LINE	
				035	22.0' L TOP BRK	
				038	50.0'	
15+00				0177	℄	
				0156	15.3' R EDGE PAVE	
				013	21.3' R FLOW LINE	
				029	26.8' R TOP BRK	
				022	50.0' R	
				0158	8.0' L EDGE PAVE	
				014	15.4' L FLOW LINE	
				028	20.3' L TOP BRK	
				022	50.0' L	
16+00				0109	℄	
				0088	15.3' R EDGE PAVE	
				008	18.8' R FLOW LINE	
				014	21.8' R TOP BRK	
				014	50.0' R	
X				240090	8.5' L EDGE PAVE	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of WW 7117 #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date 3

F. B. 2 [illegible] PG. [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
16+00				2400.8	15.2' L FLOW LINE	
				02.0	19.8' L TOP BRK	
				01.4	50.0' L	
17+00				00.44	℄	
				00.28	15.4' R EDGE PAVE	
				2399.8	22.4' R FLOW LINE	
				2401.8	28.4' R TOP BRK	
				01.4	50.0' R	
				00.11	8.0' L EDGE PAVE	
				2400.00	15.4' L FLOW LINE	
				01.4	20.0' L TOP BRK	
				00.7	50.0' L	
18+00				2399.76	℄	
				99.50	15.2' R EDGE PAVE	
				99.4	18.8' R FLOW LINE	
				2400.6	22.0' R TOP BRK	
				00.7	50.0' R	
				2399.45	8.4' L EDGE PAVE	
				99.1	15.8' L FLOW LINE	
				99.9	18.6' L TOP BRK	
				2400.2	50.0' L	

F. B. 3452 PG. 114 Job No. 5042.46 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 Date Date No.
Survey by MEADOWS Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
19+00				2396.95	℄	
				98.82	15.6' R EDGE PAVE	
				98.7	21.6' R FLOW LINE	
				2400.2	27.5' R TOP BRK.	
				2599.8	50.9' R	
				98.66	8.3' L EDGE PAVE	
				98.4	15.3' L FLOW LINE	
				99.4	19.8' L TOP BRK.	
				99.6	50.9' L	
20+00				98.38	℄	
				98.29	15.3' R EDGE PAVE	
				98.3	20.6' R FLOW LINE	
				99.8	24.4' R TOP BRK.	
				99.1	50.9' R	
				98.16	8.1' L EDGE PAVE	
				97.9	15.4' L FLOW LINE	
				99.7	21.8' L TOP BRK.	
				99.4	50.9' L	
21+00				97.85	℄	
				97.76	15.5' R EDGE PAVE	
X				2397.5	21.3' R FLOW LINE	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. TUST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date [illegible]

F. B. [illegible] PG. [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
21+00				23989	26.9' R TOP BRK	
				982	50.9' R	
				9765	8.5' L EDGE PAVE	
				974	16.9' L FLOW LINE	
				990	22.9' L TOP BRK	
				986	50.9' L	
22+00				9727	℄	
				9703	15.6' R EDGE PAVE	
				968	21.6' R FLOW LINE	
				980	26.1' R TOP BRK.	
				974	50.9' R	
				9707	8.3' L EDGE PAVE	
				969	15.3' L FLOW LINE	
				981	20.9' L TOP BRK	
				979	50.9' L	
23+00				9685	℄	
				9649	15.6' R EDGE PAVE	
				960	22.6' R FLOW LINE	
				969	27.2' R TOP BRK	
				966	50.9' R	
				239660	8.4' L EDGE PAVE	

F. B. 3452 Pg. 116 Job No. 50424 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI 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.	20TH	ST. EAST
23+00				23963	15.3' L FLOW LINE	
				973	20.3' L TOP BRK	
				972	50.0' L	
24+00				9648	℄	
				9605	15.6' R EDGE PAVE	
				953	22.3' R FLOW LINE	
				964	29.7' R TOP BRK	
				959	50.0' R	
				9627	8.4' L EDGE PAVE	
				959	15.3' L FLOW LINE	
				971	21.3' L TOP BRK	
				969	50.0' L	
25+00				9602	℄	
				9556	15.7' R EDGE PAVE	
				950	22.3' R FLOW LINE	
				962	28.9' R TOP BRK	
				958	50.0' R	
				9580	8.4' L EDGE PAVE	
				956	15.6' L FLOW LINE	
				970	21.5' L TOP BRK	
X				23968	50.0' L	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible] DIST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date MAY 3 [illegible]

F. B. [illegible] PG. [illegible]

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
26+00				2[illegible]518	℄	
				9517	15±' R EDGE PAVE	
				950	19±' R FLOW LINE	
				952	28±' R TOP BRK	
				955	50±' R	
				9494	8±' L EDGE PAVE	
				950	15±' L FLOW LINE	
				966	20±' L TOP BRK	
				964	50±' L	
26+91.6				9468	℄	
				9420	14±' R EDGE PAVE	
				944	18±' R FLOW LINE	
				956	24±' R TOP BRK	
				95[illegible]	50±' R	
				9445	8±' L	
				942	14±' L FLOW LINE	
				961	20±' L TOP BRK	
				961	50±' L	
27+19.[illegible]				9454	℄	
				9445	22±' R EDGE PAVE	
				2394[illegible]	50±' R	

F. B. 3452 PG. 118 Job No. [illegible] Division No. Notes Red Plotted Profile
Survey of W.W. DIETZ 1944 Date Date No.
Survey by MENTOR Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
27+[illegible]				[illegible]	℄	
				9473	58.8' R. S. EDGE PAVE	
27+40.92				[illegible]	℄ INT. (AVE J & 20TH ST.) (FR [illegible])	
				9470	25.3' R (S AVE J) (PAVE)	
				9501	50.0' R " "	"
[illegible]				9441	℄	
				9447	[illegible] R. EDGE PAVE	
				9448	35.8' L " "	
27+65.9				9430	℄	
				9434	20.0' R. EDGE PAVE	
				940	50.0' R.	
				9418	10.0' L. EDGE PAVE	
				940	50.0' L	
[illegible]				9457	℄	
				9426	15.5' R. EDGE PAVE	
				942	18.5' R. FLOW LINE	
				936	22.0' R. TOP BRK	
				956	50.0' R	
				9424	8.8' L EDGE PAVE	
				938	20.0' L FLOW LINE	
				28955	36.5' L. TOP BRK	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible]

F. B. ____ PG. ____

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F. B. [illegible] PG. [illegible]

Job No. [illegible] Division No. [illegible] Notes Red [illegible] Plotted [illegible] Profile

Survey of [illegible] Date [illegible] No. [illegible]

Survey by [illegible] Notes [illegible] Notes Chk'd. [illegible] Checked [illegible] X-Sec.

Indexed L. L. GALLI Date [illegible] Date [illegible] No. [illegible]

STATION	B. S.	H. I.	F. S.	ELEV.	20TH	ST. EAST
27+92.9				[illegible]	50.9' L	
FD. B.M. #105-14				[illegible]	B.M. #105-14 EL=[illegible] IN LINK SPOKE AT THE [illegible] AVE J & PROJ. 1ST MON. STA [illegible] NEAR A [illegible] MARKED "SL.R.COR. 13, 18, 24, 19 T1N R13W, R14W."	1967 ALL F.E. 2417-156 INT. OF 20TH ST. E. AND 12 INCHES BELOW THE INCH COVER. THIS B.M. IS 24.9 T1N R13W, R14W."
					AVE	J
FD. B.M. #105-14				[illegible]	B.M. #105-14	
1+00				[illegible]	℄ INT (AVE J & 20TH ST E) (PAVE)	
1+16.1				[illegible]	℄	
				9+17	28.9' L EDGE PAVE	
				9+10	36.8' L FLOW LINE	
1+23.9				9+66	℄	
				[illegible]	21.5' L EDGE PAVE	
				9+10	29.9' L FLOW LINE	
				[illegible]	34.3' L TOP BRK	
				[illegible]	50.9' L	
1+66.9				9+84	℄	
				[illegible]	11.9' L EDGE PAVE	
				9+45	20.9' L FLOW LINE	
				[illegible]	20.5' L TOP BRK	

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	J
1+66.9				23960	50' L	
2+00				9504	℄	
				9490	11' L EDGE PAVE	
				948	21' L FLOW LINE	
				965	30' L TOP BOK	
				953	50' L	
3+00				9525	℄	
				9491	12' L EDGE PAVE	
				949	20' L FLOW LINE	
				967	29' L TOP BOK	
				956	50' L	
4+00				9537	℄	
				9497	10' L EDGE PAVE	
				948	21' L FLOW LINE	
				965	29' L TOP BOK	
				956	50' L	
5+00				9570	℄	
				9540	12' L EDGE PAVE	
				954	30' L FLOW LINE	
				970	28' L TOP BOK	
X				23904	50'	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed B. J. GALLI Date MAY 3 7

F. B. ____ PG. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE	
6+00				2896.20	℄	
				95.94	12.0' L EDGE PAVE	
				95.5	21.3' L FLOW LINE	
				97.7	29.0' L TOP BRK	
				97.3	50.0' L	
7+00				94.60	℄	
				96.31	12.0' L EDGE PAVE	
				95.9	21.0' L FLOW LINE	
				98.0	29.3' L TOP BRK	
				98.0	50.0' L	
8+00				96.95	℄	
				96.62	12.0' L EDGE PAVE	
				96.5	20.3' L FLOW LINE	
				98.6	28.0' L TOP BRK	
				98.7	50.0' L	
9+00				97.15	℄	
				96.75	12.0' L EDGE PAVE	
				96.6	20.3' L FLOW LINE	
				99.0	27.1' L TOP BRK	
				99.4	50.0' L	
10+00				2897.01	℄	

F. B. 3452 Pg. 123 Job No. 5043.46 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT 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.	AVE	J
10+00				2296.90	12.9' L EDGE PAVE	
				96.9	20.8' L FLOW LINE	
				99.6	29.5' L TOP BRK	
				99.1	50.5' L	
10+72.9				97.23	℄	
				97.23	12.7' L EDGE PAVE	
				97.1	21.5' L FLOW LINE	
				98.8	29.8' L TOP BRK	
				98.8	50.0' L	
11+11.9				97.27	℄	
				96.91	33.5' L EDGE PAVE	
				96.69	41.8' L GUTTER	(BEGINNING)
				97.37	41.9' L TOP CURB	"
				98.8	50.0' L	
12+00				97.14	℄	
				96.51	41.9' L GUTTER	
				97.20	41.9' L TOP CURB	
				97.8	50.0' L	
SET T.B.M. CHURCH				2297.31	T.B.M. CHURCH ELEV.= SPK WASHER & TIN, FLUSH, ON ℄ AVE 1000 [illegible] WEST OF SEC COR C.E. MON AT ℄ INT OF [illegible] & 20TH ST. E.	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date [illegible] 3 72

F. B. [illegible] PG. [illegible]

F. B. 3452 PG. 124 Job No. 5045-16 Division No. Notes Red Plotted Profile

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

Survey by MENDONCA Notes ALBRIGHT 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.		
FD. B.M. #105-14				2393.60	B.M. #105-14 EL.=2393.615 1967 ADJ. F.B. 2417-156 (SEE PAGE 120 FOR DESCRIPTION)	
FD. B.M. #105-13				2409.71	B.M. #105-13 EL.=2409.683 1967 ADJ. F.B. 2417-155 (SEE PAGE 106 FOR DESCRIPTION)	

Notes Ck'd by	Survey of W.W. Dist. #4
Map No.	JN 504337 Tape 191 Std 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes J. C. Pierce Date 4-19-72
Date	Indexed C. J. GALLI [illegible]

F.B. 2484 Pg. 165

J. N. 504337

WATERWORKS DISTRICT #4

LOCATION OF WELL # 34-B

FOR LOT SURVEY OF THIS WELLSITE
SEE F.B. 3188 PGS. 39 TO 44

PIERCE
KING
TALBOT

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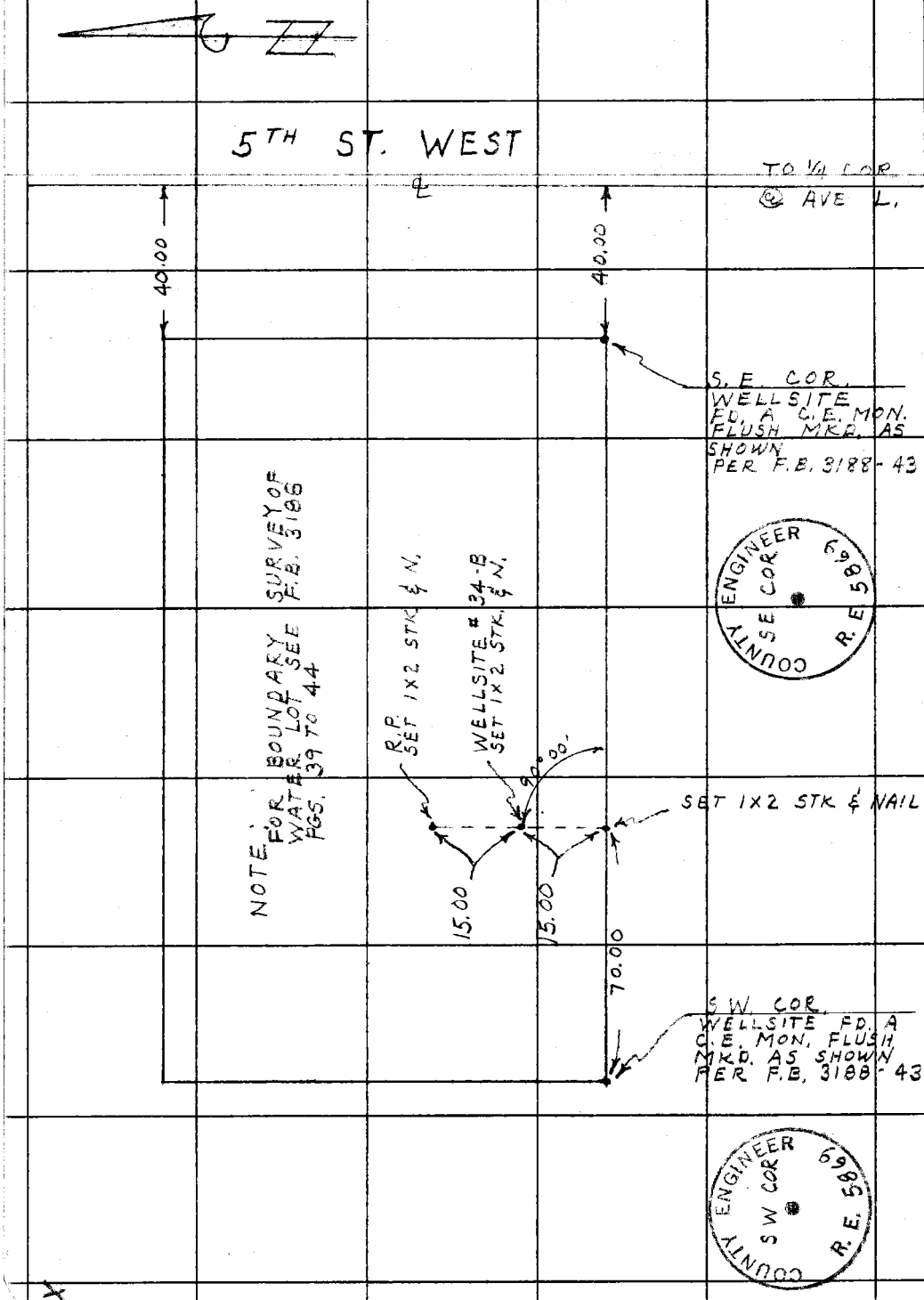
76F309S CE#310 3-69

F. B. 3452 PG. 126.



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Profile No.	Notes Red Date	Plotted Date	Job No. 504337	Division No.	F. B. Pg. 121
			Survey of		
X-Sec. No.	Notes Chk'd. Date	Checked Date	Survey by PIERCE	Notes U.C.F.	Date 4-17-72
			Map No.	Indexed C. J. CALLI	Date

J.N. 5043.37

WATERWORKS DISTRICT # 4

ESTABLISHMENT OF BENCH MARK FOR WELL SITE # 34-B

PIERCE
KING
TALBOT

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.	
BMNC 1292	6 08	2468 07		2461 99	BMNC # 1292 ADJ. ELEV = 2461.992 F.B. 3188-48 5TH ST W. 727' N ℄ AVE L A C.E. MON. AT NE. COR WELL SITE # 32
BMNC # 1291	4 01	2467 32	4 76	2463 31	BMNC # 1291 ADJ. ELEV = 2463.313 F.B. 3188-47 5TH ST W. 577' N. OF ℄ AVE. L. A C.E. MON AT SE COR. WELL SITE # 32.
BMNC #	4 88	2466 08	6 12	2461 20	BMNC # UNADJ. EL. = 370' W OF ℄ 5TH ST. W. 577' N. OF AVE. L A C.E. MON. AT S.W. COR. WELL SITE # 32
BMNC #	6 29	2466 46	5 91	2460 17	BMNC # UNADJ. EL. = 370' W. OF ℄ 5TH ST. W. 727' N. OF ℄ AVE. L. A C.E. MON. AT NW COR. WELL SITE # 32
BMNC # 1292			4 45	2462 01	BMNC # 1292 ADJ. ELEV. = 2461.992 PER F.B. 3188-48 SEE DESCRIPTION ABOVE.

F. B. 3452 Pg. 128 Job No. 5043.37 Division No. Notes Red Plotted Profile
Survey of W. W. DIST # 4 Date Date No.
Survey by J.C. PIERCE Notes PIERCE Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

PWFB 3425

80

Notes Ck'd by R. HILARIO	Survey of WW #4
Map No.	JN 5043.42 Tape 231 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 6-13-72
Date	Indexed C. J. GALLI [illegible] 72

F. B. [illegible] PG. [illegible]

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WW #4 AVE M-8 - 6TH ST E

RESERVOIR SITE

JN 5043.42

References Used: FB 3245
FB 1664
RS 66-40

PARTY: Voge
Van Ness
Rieckhoff
Crowe

76F309S CE#310 3-68

PWFB 3425

F. B. ~~[illegible]~~ PG. ~~[illegible]~~

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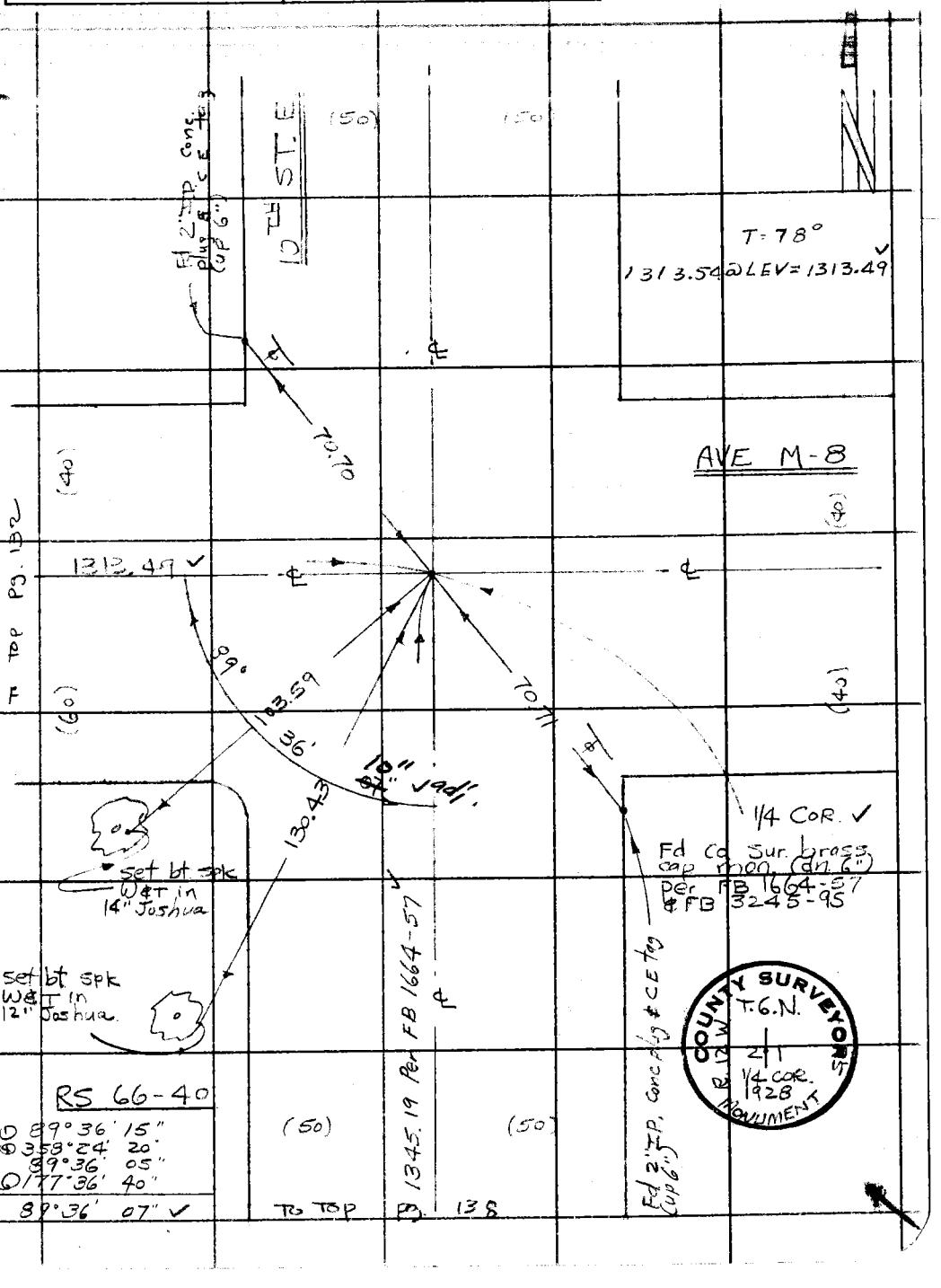
82

Notes Ck'd by R. HILARIO	Survey of [illegible]
Map No.	JN 50 4342 Topo 231, Std. 84 °F
Office Work	Surveyed by
Checked	Notes Vogle Date 6-7-72
Date	Indexed C. J. GALL JUN 1 5 72

F. B. PG.

W.S. 65, B-1



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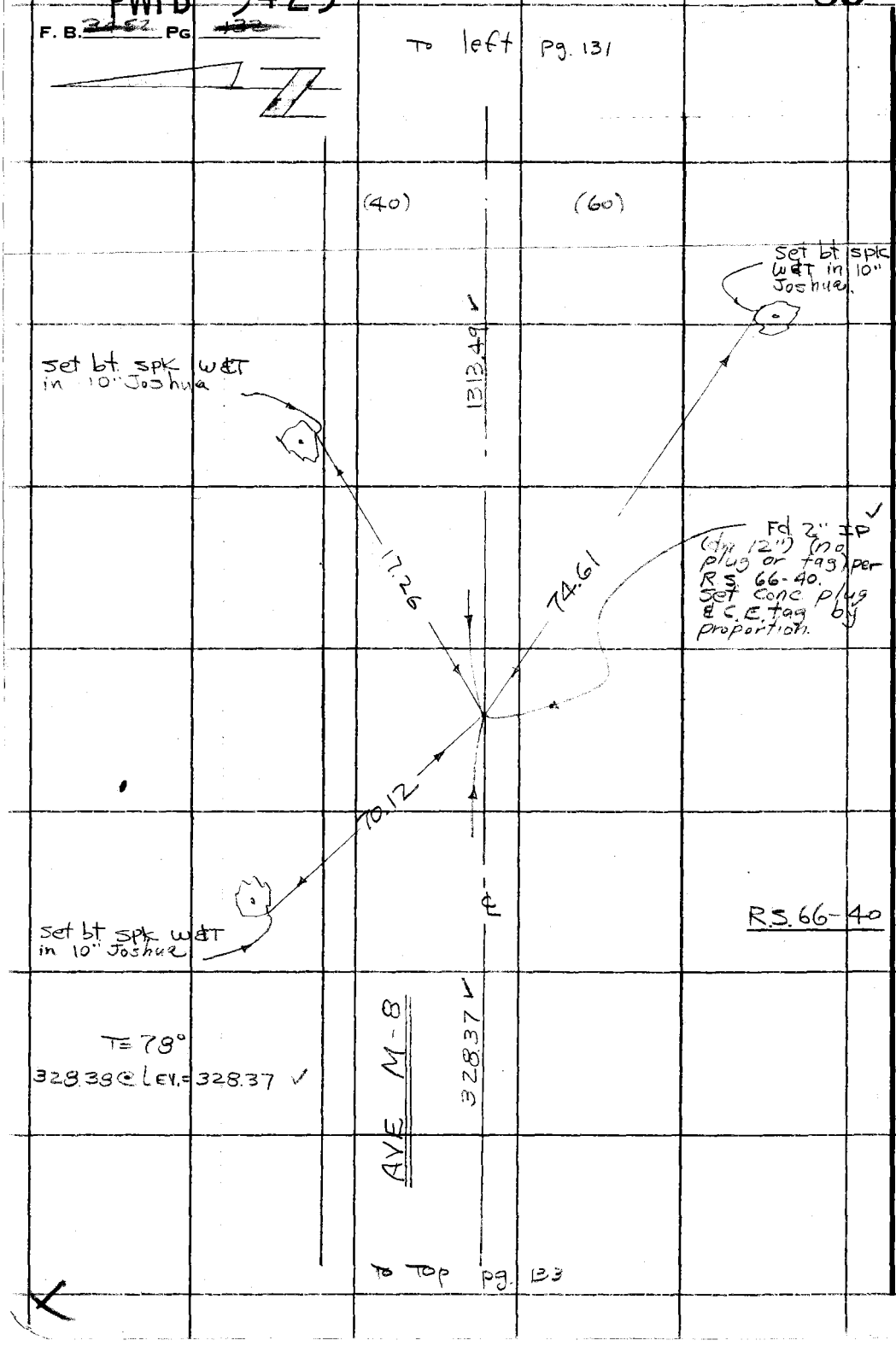
76F309S CE#310 3-68

PWFB 3425

83

F. B. ~~3452~~ PG ~~132~~



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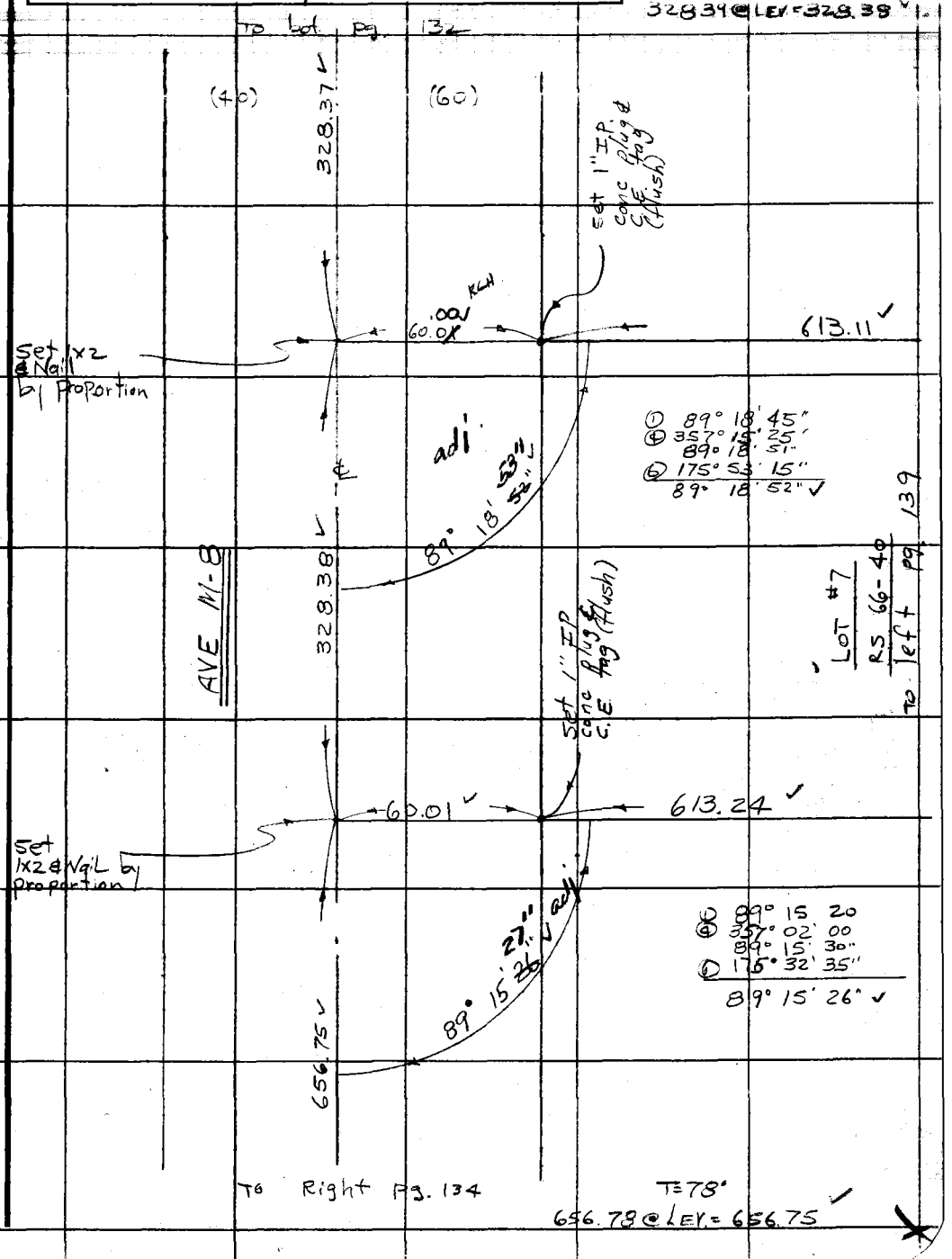
PWFB 3425

84

Notes Ck'd by R. HILARIO	Survey of [illegible]
Map No.	JN 5-43-42 Tape 231 Std 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes Vogel Date 6-7-72
Date	Indexed C. J. GALLI JUL 16 '72

F. B. — Pg. —

328.39 @ LEV = 328.38



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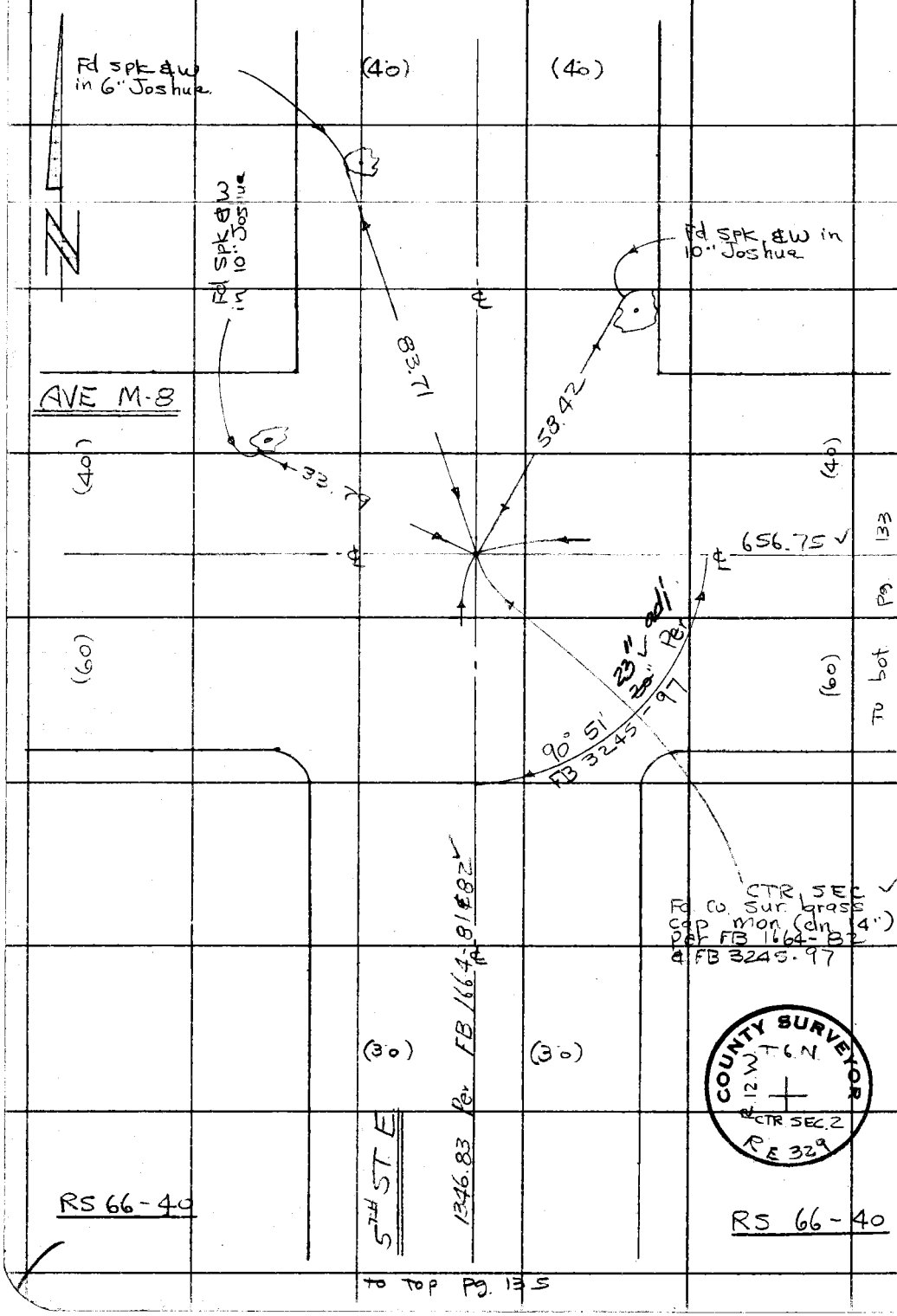
PWFB 3425

F. B. ~~3452~~ PG. ~~434~~

85

WS 65/A-1



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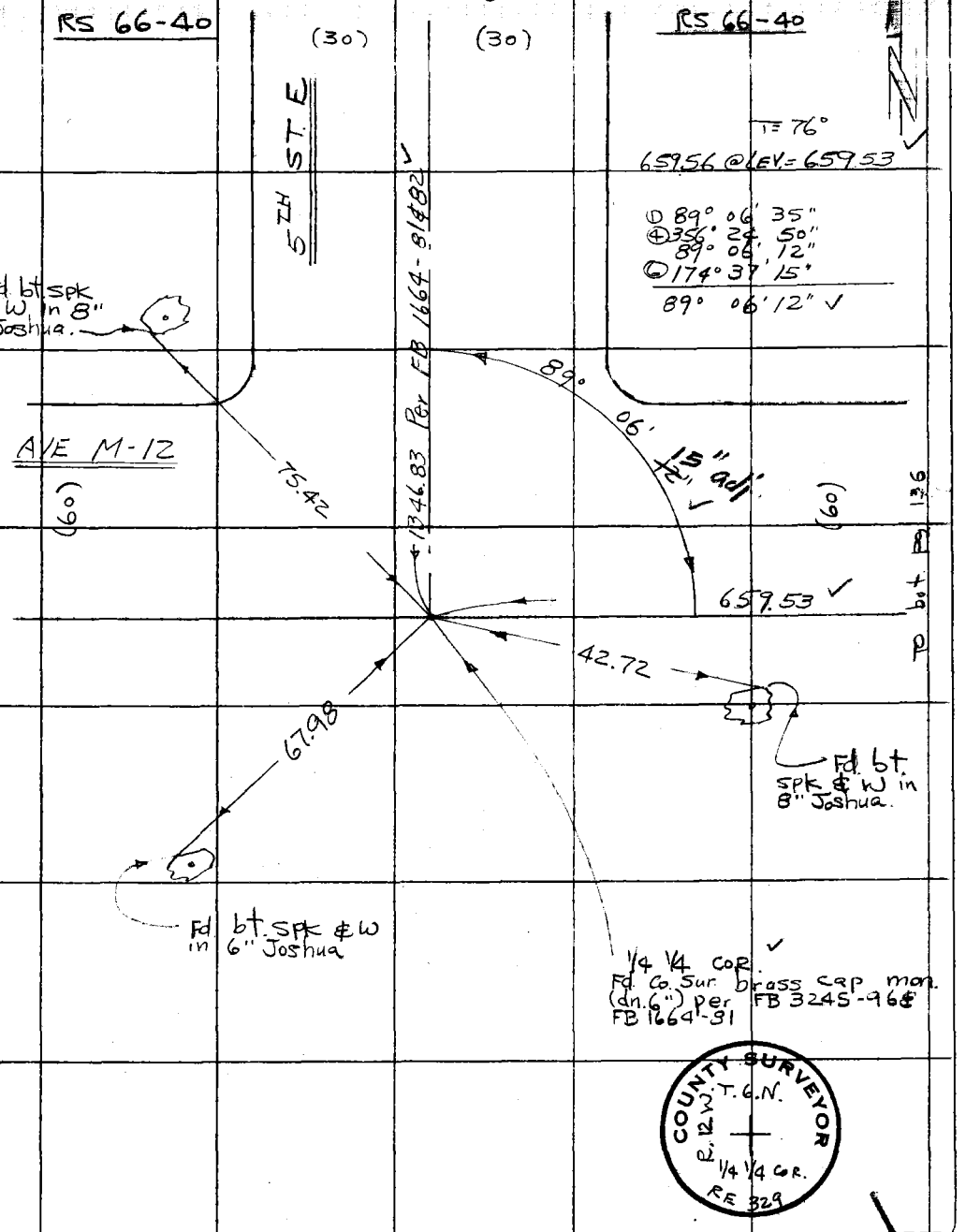
To top Pg. 135

PWFB 3425

86

Notes Ck'd by R. HILARIO	Survey of [illegible]
Map No.	JN 5-43-42 Tape 22 Std. 84 °F
Office Work	Surveyed by
Checked	Notes Voge Date 6-7-72
Date	Indexed C. J. GALLI JUN 16 '72

F. B. Pg.



W.S.S.A-1

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76F309S CE#310 3-69

PWFB 3425

87

F. B. ~~3452~~ PG. ~~126~~

To bot. pg. 137

RCR

(60)

329.76

673.12 ✓

Set 1x2 & Nail by Proportion

① 90° 43' 40"
④ 362 54 00
90 43 30
⑥ 184 20 50
90° 43' 28" ✓

90° 43' 29" adj. ~~28"~~ ✓

To Right pg 139

LOT # 18
RS 66-40

329.76

T=76°
329.78 @ LEV. =
329.76 ✓

673.25 ✓

Set 1x2 & Nail by proportion

90° 46' 53" adj. ~~53"~~

AVE M-12

① 90° 47' 10"
④ 363 07 40
90 46 55
⑥ 184 41 20
90° 46' 53" ✓

659.53

(60)

To Right pg 135

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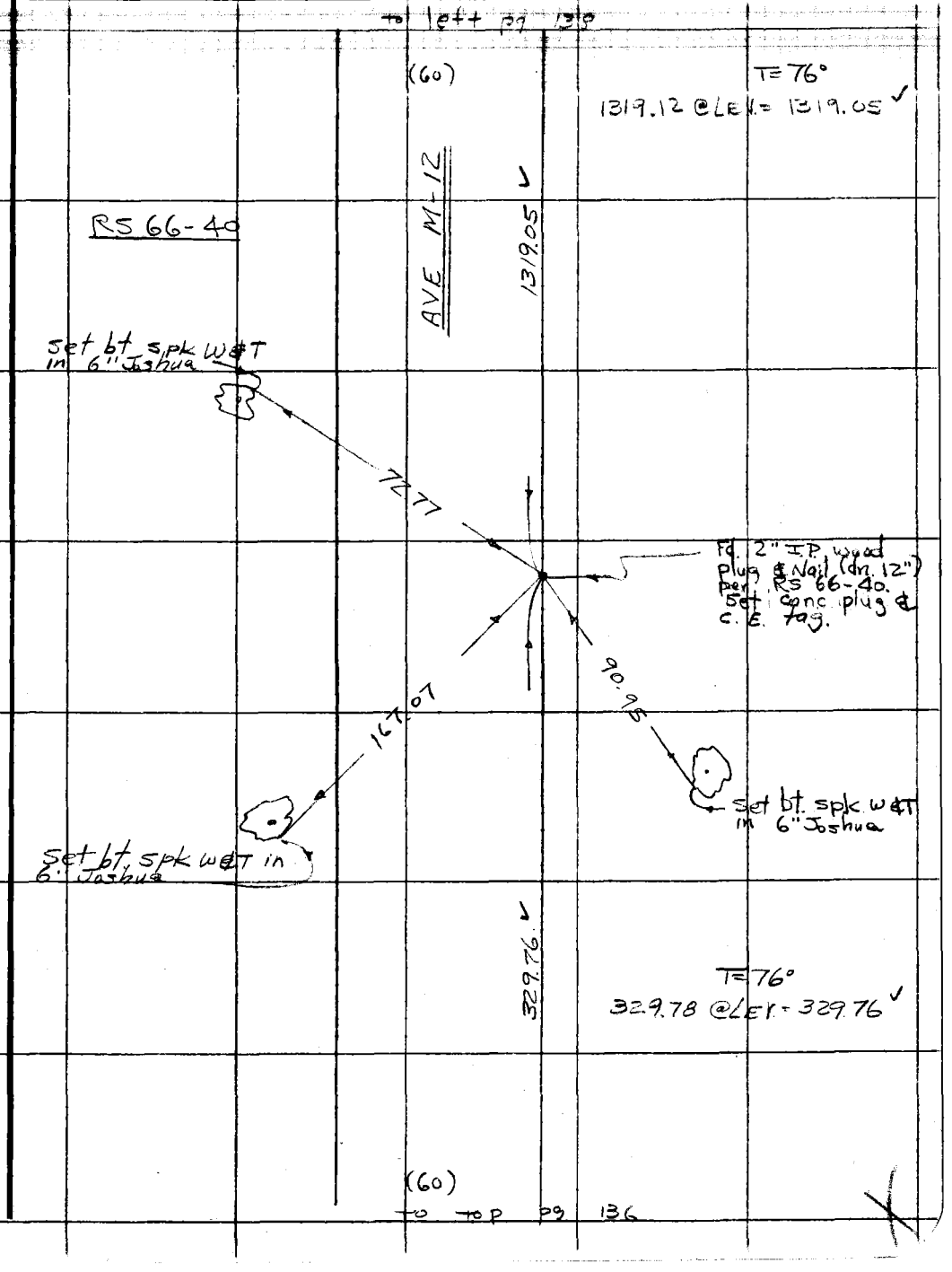
PWFB 3425

88

Notes Ck'd by R. HILARIO	Survey of [illegible]	F. B. [illegible] PG. [illegible]
Map No.	[illegible] Tape 231, Std. 84	
Office Work	Surveyed by	
Checked	Notes Vogel Date 6-9-72	
Date	Indexed [illegible] GALLI	



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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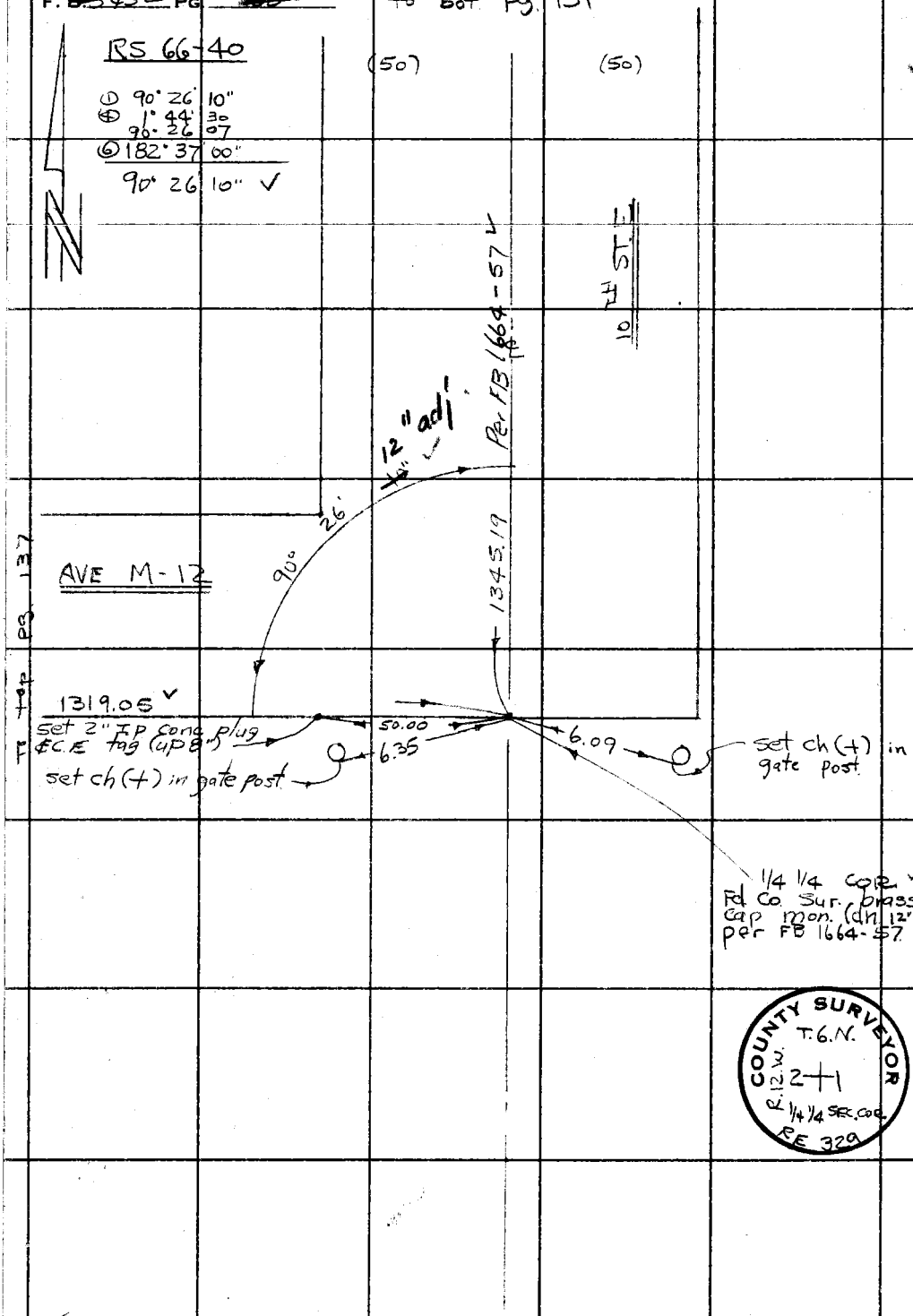
76F309S CE#310 3-69

PWFB 3425

89

F. ~~B. 3452~~ PG. ~~138~~ to bot pg. 131



R.C.R.

W565, B-1

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PWFB 3425

90

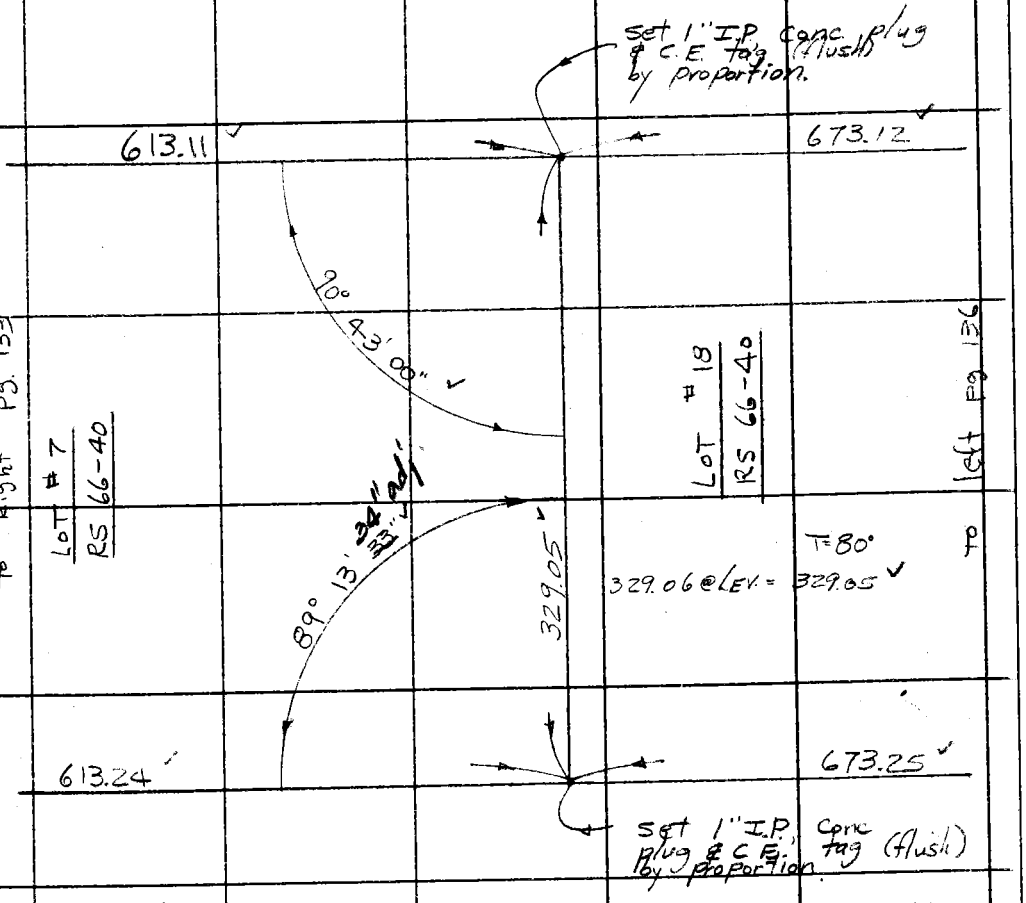
Notes Ck'd by R. HILARIO	Survey of W/O #4 M-8 . 64 ...
Map No.	JN 50434 Tape ... Std ... °F
Office Work	Surveyed by ... Vogel
Checked	Notes Vogel Date 6-3-72
Date	Indexed C. J. GALLI JUN 1 6 72

F. B. 3450 PG. 128

T=84°

613.11
673.12
613.24
673.25 } LEV. ✓

① 90° 42' 55"
④ 2° 52' 15"
90° 43' 04"
⑥ 184° 18' 00"
90° 43' 00" ✓



① 89° 13' 35"
④ 356° 54' 20"
89° 13' 35"
⑥ 175° 21' 20"
89° 13' 33" ✓

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

F. B. 3452 PG. 140

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F. B3452 PG. 141

NOTES RED. _____ JOB NO. 5-43-42 SURVEY OF [illegible]
DATE _____ SURVEY BY W.J. Yooc
NOTES CHKD. [illegible] NOTES BY [illegible] DATE _____
DATE 6-23-71 INDEXED [illegible] DATE [illegible] 1 6 72

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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DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
BENCH LEVELS FOR AVE M-8 - 6TH ST E RESERVOIR SITE						

76S420 353 3-51

F. B. 3452 PG. 142

JOB NO. 5093.42 SURVEY OF W6 #4 AVE M-8 6TH ST. E NOTES RED.
SURVEY BY W. J. Voge DATE
NOTES BY Voge DATE 6-13-72 NOTES CHKD. RGB
INDEXED DATE DATE 6-23-72

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

Do not extend notes this side of this line

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

768420 353 3-51

765420 353 3-51

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.
BM 101-118	2590.333				2590.333
+	8.429		8.348		
⊼	2598.762	+ 2.792	+ 2.786		
−	5.647		5.562		
TP	2593.115				
+	3.648		3.587	3.558	
⊼	2596.763	− 2.803	− 2.812	− 2.803	
−	6.451		6.399	6.361	
TP	2590.312				
+	5.849		5.741		
⊼	2596.161	− 2.662	− 2.662		
−	8.511		8.403		
TP	2587.650				
+	1.935		1.802		
⊼	2589.585	− 3.874	− 3.876		
−	5.809		5.678		
TP	2583.776				
+	1.987		1.906		
⊼	2585.763	− 2.703	− 2.707		
−	4.690		4.613		
TP	2581.073				
+	2.461		2.436		
⊼	2583.534	− 2.552	− 2.555		
−	5.013		4.991		
TP	2578.521				
+	3.091		3.197	3.126	
⊼	2581.612	− 1.739	− 1.736	− 1.742	
−	4.830		4.933	4.868	
TP	2576.782				

DESCRIPTION

Bm 101-118 Elev.= 2590.333 (ADJ)
5PRR 0.80 So of Ave N
957' E. of the E rail of
the main line, 28' west of
N.W. fence corner of Lockwood
Co. A Co Engr mon set
Bm 101-118 1957
FB 2410-37

NOTES RED _____ DATE _____
NOTES CHKD. _____ DATE _____
JOB NO. 5043.42 SURVEY OF W.O. 4 M.B. 6 PG.
SURVEY BY _____ DATE _____
NOTES BY _____ DATE _____
INDEXED _____ DATE _____
F.B. 2452 PG. 143

JOB NO. 5043.42 SURVEY OF WW #4 AVE M-8 6TH ST E NOTES RED. DATE
SURVEY BY W.J. Voge NOTES CHKD. RGD
NOTES BY Voge DATE 6-12-72 DATE 6-23-72
INDEXED C. J. GALLI DATE

F.B. 3452 PG. 144

76S420 353 3-51

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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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2576.782					
+	5.416		5.317			
⊼	2582.198	+0.028	+0.027			
−	5.388		5.290			Fd.
BM 101-119	2576.810				2576.793	BM 101-119 Elev. = 2576.793 (1970 ADJ)
" "	2576.793					S.P.R.R. @ 0.40± mi south of
+	4.492		4.438			Ave N, 1° N & 14° W of
⊼	2581.285	−2.331	−2.332			Signal box, 43³ west of the
−	6.823		6.770			West rail, 3⁷ N.W. of
TP	2574.462					T. pole a 45C & 65 BM
+	5.608		5.524	5.483		marked W 811 1947
⊼	2580.070	−2.497	−2.506	−2.501		FB 2410-37
−	8.105		8.030	7.984		
TP	2571.965					
+	5.871		5.778			
⊼	2577.836	−3.232	−3.230			
−	9.103		9.008			
TP	2568.733					
+	2.487		2.411			
⊼	2571.220	−3.553	−3.558			
−	6.040		5.969			
TP	2565.180					
+	2.121		2.045			
⊼	2567.301	−2.926	−2.924			
−	5.047		4.969			
TP	2562.254					
+	2.479		2.403			
⊼	2564.733	−2.144	−2.149			
−	4.623		4.552			
TP	2560.110					

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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	2560.110					
+	3280		3.207			
⊼	2563.390	- 1.100	- 1.101			
−	4.380		4308			
TP	2559.010					
+	2.698		2.670			
⊼	2561.708	- 3.390	- 3.392			
−	6088		6062			
BM 101-120A	2555.620				2555.612	Fd. BM 101-120 A Elev. = 2555.612 (1[illegible] A.S.)
"	2555.612					S.P.R.R. 650'± No. of Ave A
+	5.000		4938			40 3/4 West of the West no.
⊼	2560.612	+ 0.792	+ 0.790			& 2 8/8 No. of Mile pole #410
−	4.208		4148			a U.S.C.&G.S. BM marked
TP	2556.404					K1147 1961
+	2.712		2.601			FB 3754-189.
⊼	2559.116	- 0.319	- 0.320			
−	3.031		2.921			
TP	2556.085					
+	1.249		1.171			
⊼	2557.334	- 3.541	- 3.539			
−	4.790		4.710			
TP	2552.544					
+	2013		1.957			
⊼	2554.557	- 1.805	- 1.803			
−	3818		3.760			
TP	2550.739					
+	~~2.079~~		2031	1.979		
⊼	2552.770	- 2.120	- 2.070	- 2.070		
−	~~4.199~~		4.101	4049		
TP	2548.669					

NOTES RED. JOB NO. 5043.42 SURVEY OF [illegible] 4 [illegible]
DATE SURVEY BY W. J. [illegible]
NOTES CHKD. [illegible] NOTES BY [illegible] DATE 6-12-72
DATE 6-23-72 INDEXED C. J. GALLI DATE [illegible]

F. B. 3252 PG. 145

769420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 3043.42 SURVEY OF WO #4 Ave M-9 6th ST E NOTES RED. DATE
SURVEY BY W.J. Voge
NOTES BY Voge DATE 6-12-72 NOTES CHKD. RGB
INDEXED C. J. GALLI DATE DATE 6-23-72
F.B. 3454 Pg. 146

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2548.669					
+	2.623		2.490			
K	2551.292	- 1.676	-1.674			
-	4.299		4.164			
TP	2546.993					
+	3.919		3.858			
K	2550.912	- 2.204	- 2.204			
-	6.123		6.062			
TP	2544.789					
+	3.148		3.104			
K	2547.937	- 2.419	-2.415			
-	5.567		5.519			
TP	2542.370					
+	3.923		3.880			
K	2546.293	- 2.707	-2.709			
-	6.630		6.589			
TP	2539.663					
+	4.564		4.522			
K	2544.227	- 1.075	- 1.076			
-	5.639		5.598			
TP	2538.588					
+	3.299		3.249			
K	2541.887	-3.408	- 3.410			
-	6.707		6.659			
TP	2535.180					
+	4.741		4.671			
K	2539.921	-2.239	-2.239			
-	6.980		6.910			
BM NC 1343	2532.941					BM N.C. 1343 Description Pg.

765420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Bm NC 1343	2532.941				2532.951	Set Bm NC 1343 ELEV.= 2532.951
+	4.161		4.094			5TH ST E & Ave M-8, ℄ int. a ℄.
⊼	2537.102	-2.482	-2.484			Sur. brass cap mon. (dn. 14") marked
−	6.643		6.578			ctr. Sec. 2 RE 329
TP	2530.459					Hold rod on +.
+	3.843		3.801			
⊼	2534.302	-1.468	-1.467			
−	5.311		5.268			
N.W. Cor Lot 7	2528.991				2527.002	Set N.W. Cor. Lot #7 2527.002
+	5.232		5.168			1" IP, conc plug & C.E. Tag
⊼	2534.223	+1.233	+1.233			Per FB 3452-133
−	3.999		3.935			
Bm NC 1344	2530.224				2530.234	set Bm NC 1344 Elev. 2530.234
+	4.348		4.270			5TH ST E & AVE M-8, East 400±
⊼	2534.572	-1.357	-1.358			East ℄ 80'± South of ℄ of
−	5.705		5.628			Ave M-8 a boot spk West in
TP	2528.867					12" Joshua.
+	8.378		8.330			
⊼	2537.245	+3.130	+3.126			
−	5.248		5.204			
S.W. Cor Lot 7	2531.997				2532.007	Set S.W. Cor Lot #7 2532.007
+	5.196		5.098			1" I.P., conc plug & C.E. Tag
⊼	2537.193	-2.427	-2.429			Per FB 3452-139
−	7.623		7.527			
S.E. Cor Lot #7	2529.570				2529.580	set S.E. Cor Lot #7 2529.580
+	3.129		3.172			1" I.P. conc plug & C.E. Tag
⊼	2532.699	-3.562	-3.562			per FB 3452-139
−	6.691		6.734			
TP	2526.008					

NOTES RED. _____ JOB NO. 5343.42 SURVEY OF WW #9 & 5TH & M-8
DATE _____ SURVEY BY W. J. Yager
NOTES CHKD. K.C. NOTES BY Yager DATE 6-12-72
DATE 8-23-72 INDEXED G. J. GALLI DATE _____ DATE _____

F.B. 2551 PG. 197

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2526.008					
+	7.530		7.478			
⊼	2533.538	+3.332	+3.336			
−	4.198		4.142			
N.E. COR LOT #7	2529.340				2529.353	set N.E COR LOT #7 2529.353
+	3.807		3.759			1" I.P., conc plug & C.E. tag
⊼	2533.147	−1.072	−1.072			per FB 3452-133
−	4.879		4.831			set
BM NC 1345	2528.268				2528.282	BM NC 1345 Elev.= 2528.282
+	4.833		4.776			5TH ST E & AVE M-8, East 1000'±
⊼	2533.101	−0.379	−0.381			& North 15'± of ℄ of Ave
−	5.212		5.157			M-8, a bt spk W&T in
TP	2527.889					14" Joshua
+	2.408		2.359			
⊼	2530.297	−4.221	−4.219			
−	6.629		6.578			
TP	2523.668					
+	3.648		3.604			
⊼	2527.316	−3.380	−3.379			
−	7.028		6.983			
TP	2520.288					
+	2.769		2.729			
⊼	2523.057	−4.279	−4.277			
−	7.048		7.006			
TP	2516.009					
+	2.878		2.822			
⊼	2518.887	−2.629	−2.627			
−	5.507		5.449			
TP	2513.380					

F.B. 3452 PG. 148

JOB NO. 5043.42 SURVEY OF 6TH ST E & AVE M-8 WW #4
SURVEY BY K.J. Voge
NOTES BY Voge DATE 6-12-72
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. RGB DATE 6-23-72

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2513.380					
+	4.640		4.550			
⊼	2518.020	-0.923	-0.928			
−	5.563		5.478			
Bm NC 1346	2512.457				2512.475	Set Bm NC 1346 Elev.= 2512.475
+	5.633		5.577			10th ST E & AVE M-8, ℄ int.
⊼	2518.090	+4.694	+4.696			a Co. Sur. brass cap man (dn. 6")
−	0.939		0.881			Marked 1/4 COR 2-1 1928
Bm NC 1347	2517.151				2517.171	Held rod on "S" on North side Set Bm NC 1347 Elev.= 2517.171
+	0.793		0.742			10th ST. E & AVE M-8, South 50±
⊼	2517.944	-3.759	-3.761			& West 75' ± from ℄ int.
−	4.552		4.503			boat spk W&T in 16" Joshua
TP	2513.392					
+	4.751		4.688			
⊼	2518.143	+1.699	+1.700			
−	3.052		2.988			
TP	2515.091					
+	7.172		7.084			
⊼	2522.263	+5.189	+5.186			
−	1.983		1.898			
TP	2520.280					
+	7.007		6.962			
⊼	2527.287	+3.379	+3.381			
−	3.628		3.581			
TP	2523.659					
+	6.513		6.438			
⊼	2530.172	+4.221	+4.226			
−	2.292		2.212			
TP	2527.880					

NOTES RED. ____ JOB NO. 5043 ++ SURVEY OF WW#4 6th St E & Ave M-8
DATE ____ SURVEY BY W J Voge
NOTES CHKD. [illegible] NOTES BY [illegible] DATE 6-13-72
DATE 6-23-72 INDEXED C. J. GALLO DATE [illegible]

F. B. 345 PG. 149

F.B. 3452 PG. 150

JOB NO. 5043.42 SURVEY OF WW #4 6TH ST. E & Ave M-3 NOTES RED. DATE

SURVEY BY W.J. Voge NOTES CHKD. RGB

NOTES BY Voge DATE 6-13-72 DATE 6-23-72

INDEXED C. J. GALLI DATE

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2527.880					
+	5.370		5.312			
⊼	2533.250	+0.388	+0.387			
−	4.982		4.925			
TP	2528.268					
+	4.839		4.595			
⊼	2533.107	−0.409	−0.407			
−	5.248		5.002			
TP	2527.859					
+	5.782		5.621			
⊼	2533.641	+2.342	+2.341			
−	3.440		3.280			
TP	2530.201					
+	6.428		6.326			
⊼	2536.629	+2.740	+2.741			
−	3.688		3.585			
TP	2532.941					
+	6.788		6.650			
⊼	2539.729	+2.666	+2.667			
−	4.122		3.983			
TP	2535.607					
+	6.810		6.531	6.861		
⊼	2542.417	+3.360	+3.368	+3.361		
−	3.450		3.163	3.500		
TP	2538.967					
+	5.564		5.402			
⊼	2544.531	+1.468	+1.471			
−	4.096		3.931			
TP	2540.435					

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2540.435					
+	5.996		5.827			
⊼	2546.431	+ 1.914	+1.911	+2.911		
−	4.082		2.916			
TP	2542.349					
+	5.699		5.778			
⊼	2548.048	+4.531	+4.529			
−	1.168		1.249			
TP	2546.880					
+	4.158		4.049			
⊼	2551.038	+ 2.892	+2.896			
−	1.266		1.153			
TP	2549.772					
+	4.057		3.859			
⊼	2553.829	+ 2.095	+2.097			
−	1.962		1.762			
TP	2551.867					
+	4.654		4.707	4.779		
⊼	2556.521	+4.181	+4.189	4.176		
−	0.473		0.518	0.603		
Bm 101-120 B	2556.048					Fd. BM 101-120 B Elev. = 2556.081 (19[illegible]) Sierra Hwy at Station 175+25 0.25 mi. North of Ave N, a boat spk in E. headwall of [illegible] culv. 1' N. of So. End FB 2411-11

NOTES RED. ____ JOB NO. 5043 4 [illegible] SURVEY OF [illegible]
DATE ____ SURVEY BY [illegible]
NOTES CHKD. [illegible] NOTES BY [illegible] DATE [illegible]
DATE 6-23-72 INDEXED C. J. GALLI DATE [illegible]

F. B. [illegible] PG. 151

F. B. 3452 Pg. 152

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY _____ DATE _____ NOTES CHKD. _____
INDEXED _____ DATE _____ DATE _____

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

Do not extend notes this side of this line

769420 353 3-51

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 3452 PG. 165

Profile No.	Notes Red	Plotted	Job No.	Division No.
	Date	Date	Survey of 6-ST E & AVE M-8	WW #4
X-Sec. No.	Notes Chk'd.	Checked	Survey by	Notes Date
	Date	Date	Map No.	Indexed C. J. GALLI Date JUL 16 '72

X SECTIONS FROM THE N.E. COR OF LOT #1 TO THE EAST 1/4 COR SEC. #2.

LENKER ROD USED.

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.

Do not extend notes this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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.		℄ (1/4 SEC. LINE)
BM NC 1345				2528 27	BM NC1345 EL= 2528.268 FB 3452-148	
					LEFT & NORTH	℄ RIGHT & SOUTH
						1x2 & NAL FB 3452-133.
0+00				2527 7		℄ @ Fly line Lot #7
"				2528 0		34° N. edge dirt road.
"				2528 3		43° S. " " "
"				2529 4		50³ brk.
"				2529 3		60°
1+00				2528 1		℄
"				2527 9		23° N. edge of dirt road
"				2528 1		35⁷ S. " " " "
"				2528 8		51° brk
"				2528 8		60°
2+00				2528 4		℄
"				2527 6		21³ N. edge of dirt road
"				2527 6		35° S. " " " "
"				2527 3		60°
3+00				2528 1		℄ & brk
"				2526 2		22³ N. edge of dirt road
"				2526 1		34° S. " " " "
"				2525 7		60°
T.P.				2528 37		

F. B. 3452 Pg. 154

Job No. 5043.44 Division No. Notes Red Plotted Profile

Survey of 6TH ST EAST & AVE M-8 WW #4 Date Date No.

Survey by VOGE Notes VOGE Notes Chk'd. Checked X-Sec.

Indexed C. J. GALLI Date 6-13-72 Date Date No.

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Left & North	℄ Right & South
4+00				2526 2		℄
"				2524 5		21° N. edge of dirt r.
"				2524 2		34° S. " " "
"				2524 9		53° brk.
"				2523 7		60°
5+00				2524 6		℄
"				2523 6		21° N. edge of dirt
"				2523 7		34° S. " "
"				2523 6		60°
6+00				2523 1		℄
"				2522 7		21° N. edge of dirt
"				2523 0		35° S. " "
"				2523 1		60°
7+00				2522 5		℄
"				2521 7		20° N. edge of dirt road
"				2522 0		35° S. " "
"				2521 8		60°
TP				2523 03		
8+00				2521 2		℄
"				2520 5		22° N. edge of dirt road
"				2520 5		34° S. " "

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of 6TH ST. EAST & AVE #1-8 WW #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JAN 16 '72

F.B. 3452 PG. 155

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 & North	℄ Right & South
8+00				2520 1		60°
9+00				2519 6		℄
"				2518 8		18° N. edge of dirt road
"				2518 7		25.8 S. " " " "
"				2518 5		60°
10+00				2518 1		℄
"				2517 3		21.5 N. edge of dirt road
"				2517 4		35.5 S " " " "
"				2517 5		60°
11+00				2516 7		℄
"				2516 1		22.2 N. edge of dirt road
"				2516 2		36° S " " " "
"				2516 6		60°
T.P.				2517 75		
12+00				2515 3		℄
"				2514 7		23.5 N. edge of dirt road
"				2514 8		36.8 S " " " "
"				2515 4		60°
13+00				2513 6		℄
"				2513 3		23.2 N. edge of dirt road
"				2513 6		37° S " " " "

F. B. 3452 PG. 156

Job No. 5043.02 Division No. Notes Red Plotted Profile

Survey of 6TH ST. EAST & AVE M-8 WW #4 Date No.

Survey by VOGE Notes VOGE Notes Chk'd. Checked X-Sec.

Indexed C. J. GALLI Date 6-13-72 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.	Left & North	℄ Right & South
13+00				2514 4		60°
14+00				2512 7		℄
"				2512 9		23° N. edge of dirt road
"				2513 0		36° S. " "
"				2513 8		60°
15+00				2513 0		℄
"				2512 9		23° N. edge of dirt road
"				2513 1		37° S. " "
"				2513 8		60°
T.P.				2513 55		
16+00				2512 6		℄
"				2512 3		21° N. edge of dirt road
"				2512 9		45° S. " "
"				2513 5		60°
16+41.86				2512 8		FB3452-131 ℄ @ 1/4 Cor & W. edge of dirt road
"				2513 6		60°
16+58				2513 0		℄ @ E. edge of dirt road
"				2513 9		60°
Bm N.C. 1347				2517 12	Bm NC 1347 Elev=2517.151	FB 3452-1[illegible]

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of 6TH ST EAST FAVE M-8 WW #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JAN 16 72

F.B. 3452 Pg. 167

F. B. 3452 PG. 158

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

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

Indexed Date Date Date No.

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

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76-L-298 CE 307 5-65

Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F
Office Work	Surveyed by MENDONCA
Checked	Notes [illegible] Date [illegible]
Date	Indexed T. M. PALMERI

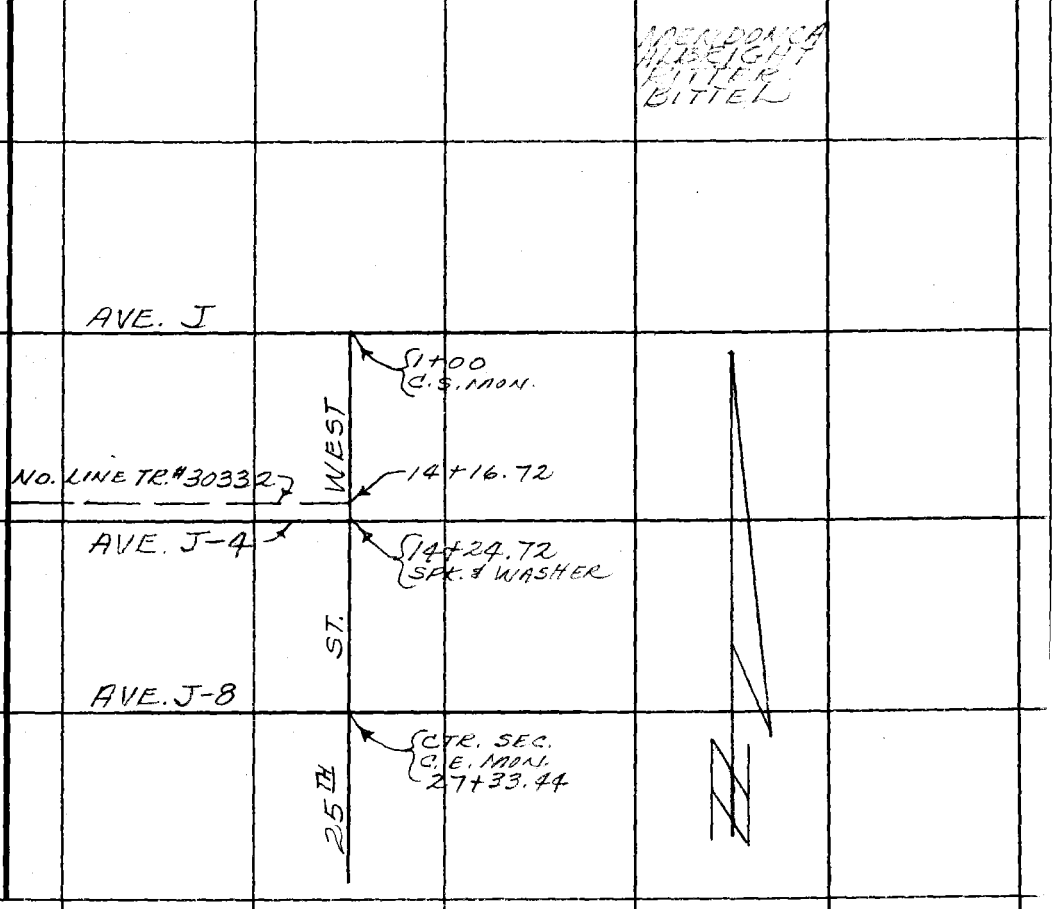
F. B. 3452 PG. 159

J.N. 5043.59

25TH ST. W. WATERMAIN

LOCATION OF IMPROVEMENTS

FROM: AVE. J
TO: AVE. J-4



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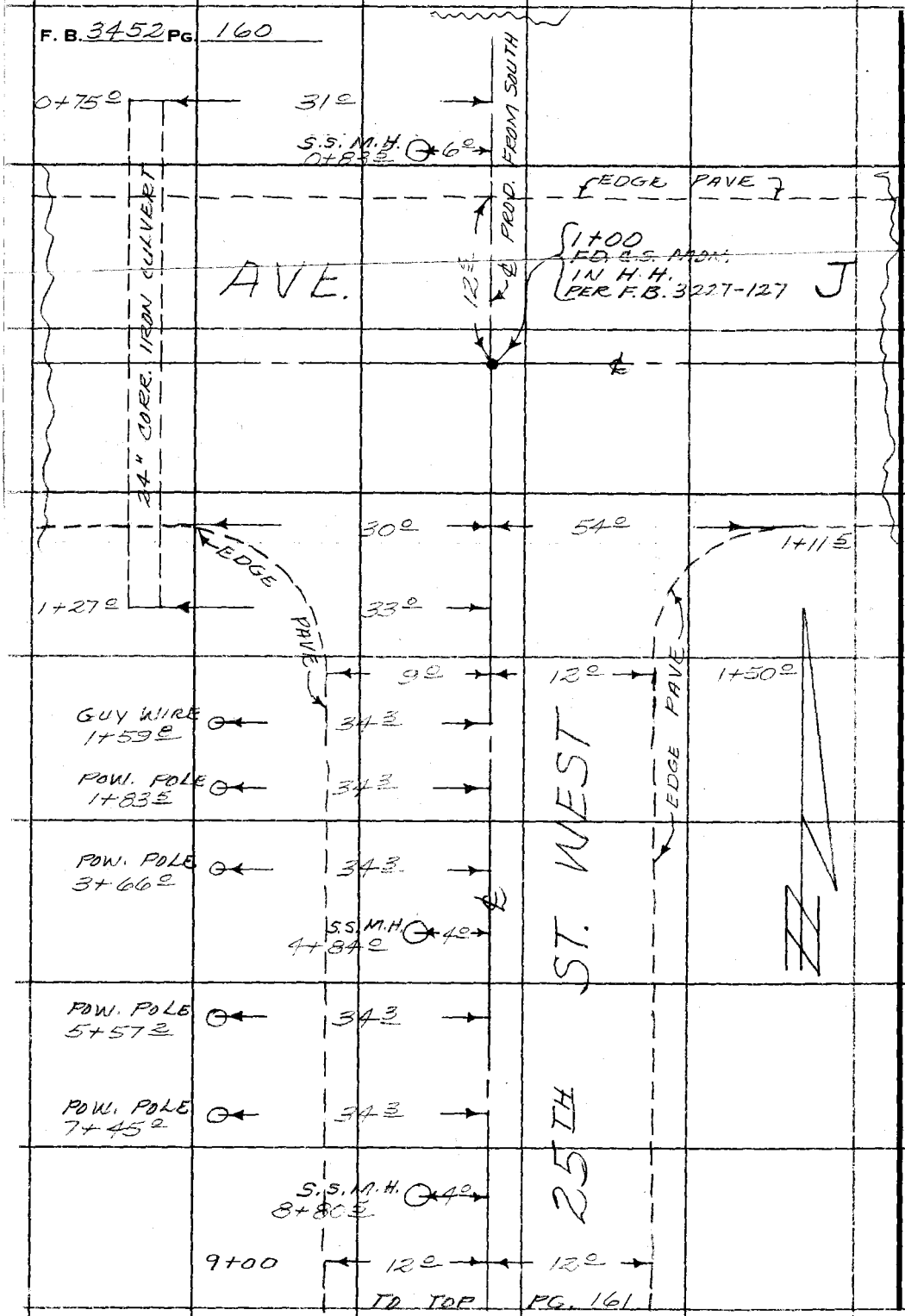
76F309S CE#310 3-68

F. B. 3452 PG. 160



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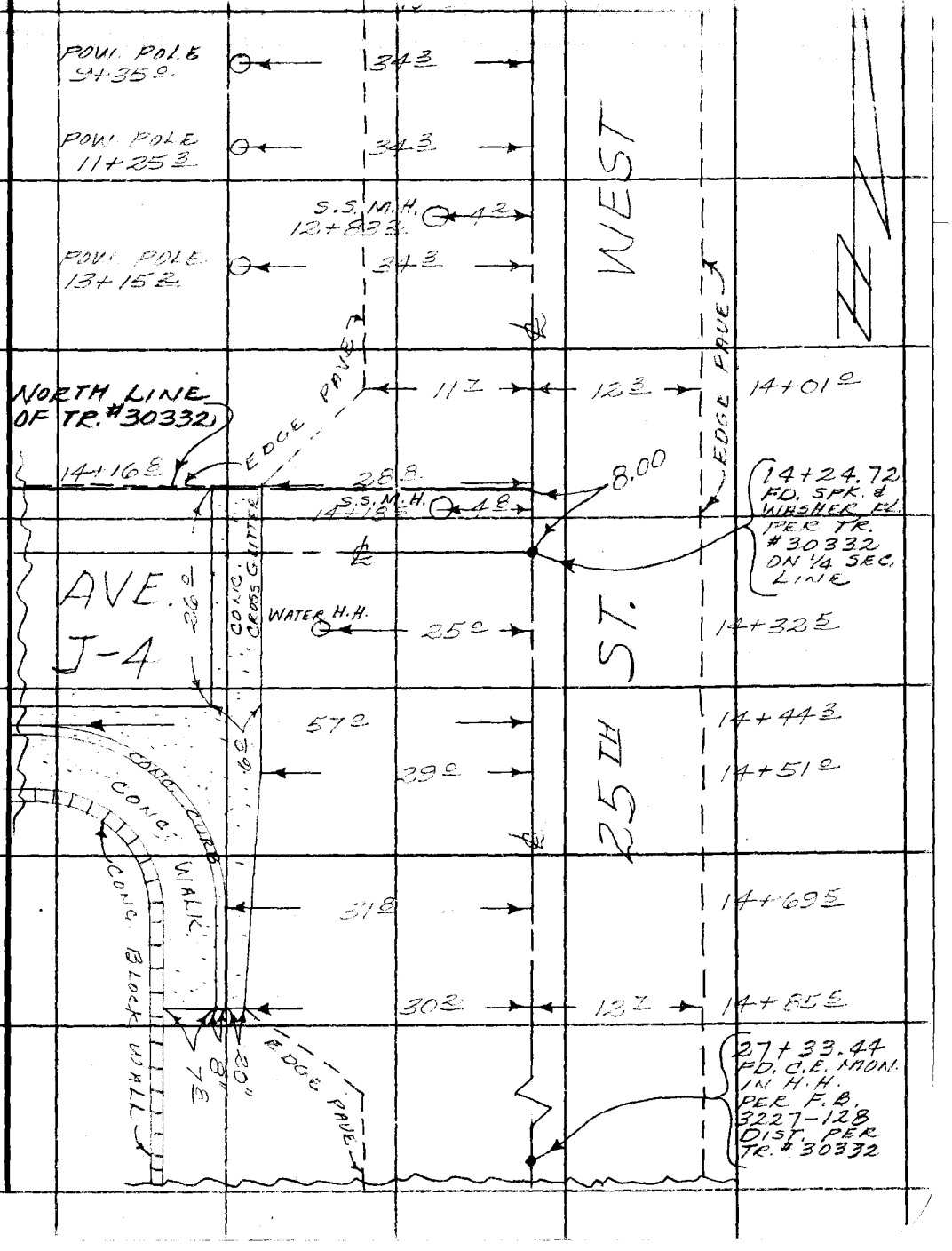
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of W.W. DIST #4
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F
Office Work	Surveyed by [illegible]
Checked	Notes Date
Date	Indexed T. M. PALMERI [illegible] 2 9 72

F. B. 3452 PG. 161



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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76F3095 CE#310 3-68

F. B. 3452 PG. 162

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F. B. 3457 PG. 163

NOTES RED. _____ JOB NO. _____ SURVEY OF _____
DATE _____ SURVEY BY MENDONCA
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE 9-1-72 INDEXED T. M. PALMERI DATE MAR 20 '72

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						J.N. 5043.59
						25TH ST. W. WATERMAIN
						BENCH LEVELS
					MENDONCA HUBRIGHT RITTER BITTER	

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765420 S & E-353 4-54

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
PD. B.M. #105-4	2387.968				2387.968	B.M. #105-4 1968 ADJ. EL=2387.968 F.B. 2417-146 IN LANCASTER @ 20TH ST. W. & AVE. K, 39' W. & 39' S. OF ℄ INT., 18.6' N.W. OF P.P. # K6622Y. A C.E. B.C. B.M. STAMPED "BM 105-4 1958 R.E. 5869" SET FL. IN TOP OF A 12" CONC. POST.
+	3.478		3.605			
H.I.	91.446	-2.434	-2.437			
—	5.912		6.042			
T.P.	85.534					
+	4.885		4.985			
H.I.	90.419	+1.150	+1.150			
—	3.735		3.835			
T.P.	86.684					
+	4.308		4.482			
H.I.	90.992	-0.442	-0.442			
—	4.750		4.924			
T.P.	86.242					
+	4.930		5.100			
H.I.	91.172	-1.748	-1.748			
—	6.678		6.848			
T.P.	84.494					
+	4.598		4.820			
H.I.	89.092	-0.900	-0.900			
—	5.498		5.720			
T.P.	83.594					
+	5.048		5.158			
H.I.	88.642	+0.523	+0.524			
—	4.525		4.634			
T.P.	2384.117					

JOB NO. 5043.59 SURVEY OF W.W. DIST. #4 NOTES RED.
SURVEY BY MENDONCA DATE
NOTES BY J.M. DATE 8-25-72 NOTES CHKD. RCB
INDEXED T. M. FALMERI DATE DATE 9-1-72

F.B. 3452 PG. 164

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2384.117					
+	5.635		5.818			
H.I.	89.752	+1.673	+1.673			
—	3.962		4.145			
T.P.	85.790					
+	5.442		5.665			
H.I.	91.232	+0.800	+0.800			
—	4.642		4.865			
T.P.	86.590					NOTE: 0.25 IS AVERAGE A[illegible]D TO B.M.'S ON 20TH S[illegible] IN 1968 MAKING THIS B.M. TO = 2387.19 (ADJ.)
+	5.630		5.770			
H.I.	92.220	+0.588	+0.588			
—	5.042		5.182			
FD. B.M.# A.V. 262	2387.178				2387.198	B.M.# A.V. 262 1958 ADJ. EL. = ~~2386.94~~ [illegible] ℄ INT. OF AVE. K & 25TH ST W. C.S. MON. WITH BRASS CAP MKD. "COUNTY SURVEYORS MON., 20 & [illegible] T.7N., R.12W., DN. 8" IN H.H. (SOUTH EDGE BRASS CAP)
+	2.528		2.720			
H.I.	89.706	-4.217	-4.218			
—	6.745		6.938			
T.P.	82.961					
+	2.772		2.935			
H.I.	85.733	-3.676	-3.675			
—	6.448		6.610			
T.P.	79.285					
+	3.148		3.292			
H.I.	82.433	-3.504	-3.506			
—	6.652		6.798			
T.P.	2375.781					

NOTES RED ____ JOB NO. ____ SURVEY OF ____
DATE ____ SURVEY BY MENDONCA
NOTES CHKD. [illegible] NOTES BY ____ DATE ____
DATE ____ INDEXED I. M. PALMER DATE ____

F. B. 3457 Pg. 165

F. B3452 PG. 166

JOB NO. 5043.59 SURVEY OF W.W. DIST. #4 NOTES RED.

SURVEY BY MENDONCA DATE

NOTES BY J.M. DATE 8-25-72 NOTES CHKD KGB

INDEXED T. M. PALMERI DATE DATE 9-1-72

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2375.781					
+	3.028		3.292			
H.I.	78.809	-3.274	-3.273			
—	6.302		6.565			
T.P.	72.507					
+	3.015		3.290			
H.I.	75.522	-3.580	-3.580			
—	6.595		6.870			
T.P.	68.927					
+	3.308		3.610			
H.I.	72.235	-3.650	-3.650			
—	6.958		7.260			
T.P.	65.277					
+	4.198		4.490			
H.I.	69.475	-2.022	-2.022			
—	6.220		6.512			
T.P.	63.255					
+	3.762		3.960			
H.I.	67.017	-1.713	-1.715			
—	5.475		5.675			
SET BM#NC1348	2361.542				2361.579	B.M.#NC1348 EL. = 2361.579 AT INT. OF AVE. J-8 & 25TH ST W., 84 FT. SOUTH & 32 FT. WEST OF ℄ INT. A NAIL IN LEAD IN CONC. CURB, 2 FT. NO. FROM SO. END OF CURB
+	4.060		4.305			
H.I.	65.602	-1.940	-1.942			
—	6.000		6.247			
SET BM#NC1349	2359.602				2359.640	B.M.#NC1349 EL. = 2359.640 AT ℄ INT OF AVE. J-8 & 25TH ST W. A C.E. MON. IN H.H. (CTR. OF BRASS CAP)

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.#NC1349	2359.602					
+	4.318		4.585			
H.I.	63.920	-2.830	-2.830			
—	7.148		7.415			
T.P.	56.772					
+	3.782		3.970			
H.I.	60.554	-3.570	-3.570			
—	7.352		7.540			
T.P.	53.202					
+	3.682		3.952			
H.I.	56.884	-2.776	-2.776			
—	6.458		6.728			
T.P.	50.426					
+	3.878		4.218			
H.I.	54.304	-1.340	-1.340			
—	5.218		5.558			
SET B.M.#NC1350	2349.086				2349.133	B.M.#NC1350 EL = 2349.133 AT INT. OF AVE. J-4 & 25TH ST. 58.5 FT. SO. & 32 FT. WEST OF [illegible] A PK NAIL IN LEAD IN CONC [illegible] 2.5 FT. NO. OF SO. END OF CURB [illegible]
+	3.820		4.038			
H.I.	52.906	-2.415	-2.414			
—	6.235		6.452			
T.P.	46.671					
+	4.005		4.308			
H.I.	50.676	-2.500	-2.500			
—	6.505		6.808			
T.P.	2344.171					

NOTES RED _____ JOB NO. _____ SURVEY OF _____
DATE _____ SURVEY BY. MEIJITMANICR
NOTES CHKD. [illegible] DATE 7-72 NOTES BY _____ DATE _____
INDEXED T. M. PALMERI DATE 10-3-72

F. B. [illegible] PG. [illegible]

JOB NO. 2043.59 SURVEY OF W.W. DIST. #4 NOTES RED. DATE
SURVEY BY MENDONCA NOTES CHKD. R.C.B. DATE 8-25-72
NOTES BY J.M. DATE 9-1-72
INDEXED L. M. FAUNE DATE

F. B. 3452 Pg. 168

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2344.171					
+	4.112		4.405			
H.I.	48.283	-2.438	-2.440			
—	6.550		6.845			
T.P.	41.733					
+	4.382		4.648			
H.I.	46.115	-3.250	-3.250			
—	7.632		7.898			
SET B.M.# NC1351	2338.483				2338.538	B.M. # NC 1351 EL. = 2338.538 AT & INT. OF AVE. J & 25TH ST. W. A C.S. MON. IN H.H. (NORTH EDGE BRASS CAP)
+	6.514		6.718			
H.I.	44.997	+1.546	+1.546			
—	7.968		5.172			
SET B.M.# NC1352	2340.029				2340.087	B.M. # NC 1352 EL = 2340.087 AT INT. OF AVE. J & 25TH ST. W., 50' NORTH & 50' EAST OF INT. A 2" I.P. WITH CEM. PL. & C.E. TAG, 4" UP (WEST EDGE)
+	4.445		4.700			
H.I.	44.474	-1.030	-1.030			
—	5.475		5.730			
T.P.	38.999					
+	5.242		5.420			
H.I.	44.241	+0.640	+0.640			
—	4.602		4.780			
T.P.	39.639					
+	5.168		5.462			
H.I.	44.807	+0.830	+0.830			
—	4.338		4.632			
T.P.	2340.469					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2340.469					
+	4.362		4.508			
H.I.	44.831	−0.763	−0.764			
−	5.125		5.272			
T.P.	39.706					
+	5.485		5.682			
H.I.	45.191	+0.803	+0.802			
−	4.682		4.880			
T.P.	40.509					
+	5.408		5.675			
H.I.	45.917	+0.578	+0.580			
−	4.830		5.095			
T.P.	41.087					
+	5.662		5.942			
H.I.	46.749	+1.380	+1.380			
−	4.282		4.562			
T.P.	42.467					
+	6.378		6.573			
H.I.	48.845	−0.202	−0.205			
−	6.580		6.778			2342.339
FD. B.M. #105-2	2342.265				2342.339	B.M. #105-2 1968 ADJ. EL.=2342.508 F.B. 24 [illegible] 44 IN LANCASTER @ THE ℄ INT. OF 20[illegible] [illegible] W. & AVE. J. A PRECAST MON. SET 14 [illegible] IN H.H. MKD. "SECTION CORNER 17, 16, [illegible] 21 T.7N. R.12 W."
+	6.745		6.985			
H.I.	49.010	+1.803	+1.803			
−	4.942		5.182			
T.P.	2344.068					

NOTES RED. ____ JOB NO. [illegible] SURVEY OF [illegible]
DATE ____ SURVEY BY MENDONCA
NOTES CHKD. [illegible] NOTES BY [illegible] DATE [illegible]
DATE [illegible] INDEXED I. M. PALMERI DATE [illegible] 30 [illegible]

F. B. [illegible] PG. [illegible]

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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2344.068					
+	6.150		6.430			
H.I.	50.218	+ 1.135	+ 1.135			
−	5.015		5.295			
T.P.	45.203					
+	6.168		6.408			
H.I.	51.371	+ 2.450	+ 2.450			
−	3.718		3.958			
T.P.	47.653					
+	7.052		6.928			
H.I.	54.705	+ 2.754	+ 2.753			
−	4.298		4.175			
T.P.	50.407					
+	6.380		6.625			
H.I.	56.787	+ 1.902	+ 1.900			
−	4.478		4.725			
T.P.	52.309					
+	5.722		5.928			
H.I.	58.031	+ 1.158	+ 1.158			
−	4.564		4.770			
T.P.	53.467					
+	6.458		6.578			
H.I.	59.925	+ 2.906	+ 2.906			
−	3.552		3.672			
T.P.	2356.373					

JOB NO. 5043.59 SURVEY OF W.W. DIST. #4 NOTES RED.
SURVEY BY MENDONCA DATE
NOTES BY J.M. DATE 8-25-72 NOTES CHKD. RGB
INDEXED T. M. PALMERI DATE DATE 9-1-72

F. B. 3452 PG. 170

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2356.373					
+	7.065		7.260			
H.I.	63.438	+3.360	+3.360			
—	3.705		3.900			
FD. B.M. #105-3A	2359.733				2357.824	B.M. #105-3A 1968 ADJ. EL=2357.824 FT. AT INT. OF AVE. J-8 & 20TH ST. W., SOUTH & 35 FT. W. OF ℄ INT. A C.E. B.M. MK. "B.M. 105-3A 1967 R.E. 5869" FL. IN 12" CONC. POST.
+	6.130		6.298			
H.I.	65.863	+2.540	+2.540			
—	3.590		3.758			
T.P.	62.273					
+	6.320		6.482			
H.I.	68.593	+2.925	+2.924			
—	3.395		3.558			
T.P.	65.198					
+	7.648		7.920			
H.I.	72.846	+3.523	+3.520			
—	4.125		4.400			
T.P.	68.721					
+	7.625		7.988			
H.I.	76.346	+4.507	+4.508			
—	3.118		3.480			
T.P.	73.228					
+	8.058		8.182			
H.I.	81.286	+6.158	+6.157			
—	1.900		2.025			
T.P.	2379.386					

NOTES RED ____ JOB NO. ____ SURVEY OF ____
DATE ____ SURVEY BY MENDONCA
NOTES CHKD. ____ NOTES BY ____ DATE ____
DATE ____ INDEXED J. M. PALMERI DATE 30 70

F.B. ____ PG. ____

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2379.386					
+	6.965		7.272			
H.I.	86.351	+2.550	+2.550			
−	4.415		4.722			
T.P.	81.936					
+	6.772		6.945			
H.I.	88.708	+2.952	+2.953			
−	3.820		3.992			
T.P.	84.888					
+	6.418		6.550			
H.I.	91.306	+3.146	+3.145			
−	3.272		3.405			
FD. B.M. #105-4	2388.034				2387.968	B.M. #105-4 1968 ADJ. EL = 2387.968 F.B. 2417-146 (FOR DESCRIPTION SEE PG. 164) BEG. OF RUN

JOB NO. 5043.59 SURVEY OF W.W. DIST. #4 NOTES RED.
SURVEY BY MENDONCA DATE
NOTES BY J.M. DATE 8-25-72 NOTES CHKD. 2613
INDEXED I. M. PALMIERI DATE DATE 9-1-72

F. B. 3452 PG. 172

F. B. 2450 PG. 173

Profile No.	Notes Red	Plotted	Job No. 5943.59	Division No.
	Date	Date	Survey of W. W. DIST. #4	
X-Sec. No.	Notes Chk'd.	Checked	Survey by	Notes Date
	Date	Date	Map No.	Indexed T. M. PALMERI Date AUG 30 '72

25TH ST. W. WATERMAIN

CROSS SECTIONS

FROM: AVE. J

TO: AVE. J-4

MENDONCA
ALBRIGHT
RITTER
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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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M.# NC 1352				2340.03	B.M.# NC 1352 UNADJ. EL=2340.029 AT INT. OF AVE. J & 25TH ST. W., 50' NORTH & 50' EAST OF ℄ INT. A 2" I.P. WITH CEM. PL. & C.S. TAG, 4" UP. (WEST EDGE)	F.B. 3452-168
0+70				401	℄ PROD. TOP BANK	
0+75 2				390	" " FLOW LINE	
0+87 5				3935	" " N. EDGE PAVE	
1+00				40.07	℄ INT 25TH ST. W. & AVE J	
				4000	50° R. (℄ AVE J)	
				4015	100° R. "	
				4014	50° L "	
				4001	100° L "	
1+11 5				[illegible]	℄	
				[illegible]	30° R.	
				[illegible]	50° R.	
				[illegible]	54° L	
1+28 5				4000	℄	
				[illegible]	12.5 R. EDGE PAVE	
				389	30° R. FLOW LINE	
				[illegible]	50° R. " "	
				3974	24° L EDGE PAVE	
				3935	54° L FLOW LINE	

F. B. 3452 Pg. 174 Job No. 5043.59 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by [illegible] Notes [illegible] Notes Chk'd. Checked X-Sec.
Indexed L. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+50				234028	℄	
				4016	9° R EDGE PAVE	
				390	31° R FLOW LINE	
				398	35° R TOP BRK	
				396	40° R	
				4028	13° L EDGE PAVE	
				391	33° L FLOW LINE	
				406	40° L TOP BRK	
2+00				4079	℄	
				4082	11° R EDGE PAVE	
				396	27° R FLOW LINE	
				400	40° R TOP BRK	
				4074	11° L EDGE PAVE	
				393	31° L FLOW LINE	
				405	40° L TOP BRK	
3+00				4154	℄	
				4141	11° R EDGE PAVE	
				402	30° R FLOW LINE	
				408	35° R TOP BRK	
				406	40° R	
				234138	12° L EDGE PAVE	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index J. M. PALMERI Date 3 0 72

F. B. 2450 PG. 1-2

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
3+00				[illegible]	32.0 L FLOW LINE	
				408	40.0 L TOP BRK	
4+00				4206	℄	
				4181	11.8 R EDGE PAVE	
				[illegible]	27.0 R FLOW LINE	
				[illegible]	32.0 R TOP BRK	
				414	40.0 R	
				4157	11.8 L EDGE PAVE	
				[illegible]	32.0 L FLOW LINE	
				[illegible]	40.0 L TOP BRK	
5+00				[illegible]	℄	
				[illegible]	11.8 R EDGE PAVE	
				[illegible]	30.0 R FLOW LINE	
				[illegible]	32.0 R TOP BRK	
				[illegible]	40.0 R	
				[illegible]	11.8 L EDGE PAVE	
				413	32.0 L FLOW LINE	
				[illegible]	40.0 L TOP BRK	
6+00				[illegible]	℄	
				4327	12.0 R EDGE PAVE	
				3419	30.0 R FLOW LINE	

F. B. 3452 Pg. 176 Job No. 5-4259 Division No. Notes Red Date Plotted Date No. Profile
Survey of W.W. DIST. #4 Date No. X-Sec.
Survey by MENDONA Notes ALBRIGHT Notes Chk'd. Checked Date No.
Indexed T. M. PALMERI Date

76-L-298 CE 307 5-66

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
6+00				23426	35° L TOP PRK	
				426	40° R	
				4320	11° L EDGE PAVE	
				430	30° L FLOW LINE	
				430	40° L TOP BRK	
7+00				4388	℄	
				4385	12° R EDGE PAVE	
				438	30° R FLOW LINE	
				432	40° R TOP BRK	
				4374	11° L EDGE PAVE	
				437	30° L FLOW LINE	
				440	40° L TOP BRK	
8+00				4467	℄	
				4469	12° R EDGE PAVE	
				441	30° R FLOW LINE	
				444	35° R TOP BRK	
				446	40° R	
				4452	11° L EDGE PAVE	
				436	30° L FLOW LINE	
				457	35° L TOP PRK	
				23458	45° L	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index T. M. PALMER Date [illegible] 3 0 '76

F. B. ____ PG. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
9+00				234529	℄	
				4529	12° R EDGE PAVE	
				442	30° R FLOW LINE	
				455	33° R TOP BRK	
				457	40° R	
				4528	11I L EDGE PAVE	
				445	30° L FLOW LINE	
				463	40° L	
10+00				4600	℄	
				4599	12° R EDGE PAVE	
				449	30° R FLOW LINE	
				461	33° R TOP BRK	
				468	40° R	
				4598	11I L EDGE PAVE	
				451	30° L FLOW LINE	
				469	40° L TOP BRK	
11+00				4661	℄	
				4658	12° R EDGE PAVE	
				456	30° R FLOW LINE	
				474	40° R TOP BRK	
				234660	11I L EDGE PAVE	

F. B. 3452 Pg. 178 Job No. 5042.59 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI 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.		
11+00				23457	30° L FLOW LINE	
				476	40° L TOP BRK	
12+00				4716	℄	
				4789	11.8 R EDGE PAVE	
				459	30° R FLOW LINE	
				475	40° R TOP BRK	
				4720	12.2 L EDGE PAVE	
				460	30° L FLOW LINE	
				478	40° L TOP BRK	
13+00				4782	℄	
				4765	11.2 R EDGE PAVE	
				467	30° R FLOW LINE	
				476	30° R TOP BRK	
				475	40° R	
				4786	12.8 L EDGE PAVE	
				462	30° L FLOW LINE	
				484	40° L TOP BRK	
14+00				4838	℄	
				4822	11.2 R EDGE PAVE	
				477	30° R FLOW LINE	
				23482	40° R TOP BRK	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMERI Date [illegible] 30 [illegible]

F. B. [illegible] PG. [illegible]

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
14+00				234845	13.8 L. EDGE PAVE	
				415	30.0 L. FLOW LINE	
				491	40.0 L. TOP ERR	
14+16.8				4851	℄	
				4793	31.8 R. ℄ CONC. GUTTER (N. END)	
				4836	50.0 R. N. EDGE PAVE	
14+24.73				4856	℄ INT. 25TH STR. & AVE. J-4 (PAVE)	
				4798	31.8 R. ℄ CONC. GUTTER	
				4845	50.0 R. ℄ AVE J-4	
				4900	100.0 R. " " "	
14+44.3				4873	℄	
				4807	31.8 R. ℄ CONC. GUTTER	
				4842	57.0 R. GUTTER	
				4907	57.0 R. TOP CURB	
14+69.5				4894	℄	
				4825	31.8 R. GUTTER	
				4895	31.8 R. TOP CURB	
				4915	40.8 R. CONC. WALK	
14+85.5				4906	℄	
				4836	32.9 R. GUTTER (S. END)	
				234903	32.9 R. TOP CURB (" ")	

F. B. 2452 Pg. 180 Job No. 504259 Division No. Notes Red Plotted Profile
Survey of W.W. DIST H4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
14+85				2349.16	40' R CONC WALK	(5 [illegible])
[illegible]				49.15	℄	
				48.97	12.5 R EDGE PAVE	
				48.5	29.5 R FLOW LINE	
				48.9	40.9 R TOP BRK	
				49.13	12.9 L EDGE PAVE	
				48.1	32.9 L FLOW LINE	
				50.0	40.9 L TOP BRK	
15+50				49.38	℄	
8 M.# N.C. 1350				2349.04	5 M.# NC 1350 UNADJ EL = 2349.086 F.S. 3412 AT INT. OF AVE J-4 & [illegible] ST. W., 58.5 FT [illegible] 32 FT WEST OF ℄ INT. A PK NAIL IN LEAD CONC. CURB, 2.5 FT NO. OF SO. END OF CURB.	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. [illegible] #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed M. PALMERI Date AUG 30 72

F. B. [illegible] PG. [illegible]

F. B. 3152 Pg. 182

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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76-L-298 CE 307 5-66

Notes Ck'd by	Survey of PUMP PLANT M-7W
Map. No.	JN 5043.62 Tape 114 Std. 87 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes PIERCE Date 9-22-72
Date	Indexed T. M. PALMERI SEP 25 '72

F. B. 3452 PG. 187

J. N. 5043.62

WATERWORKS DISTRICT #4

MO-7W PUMPING PLANT

LOCATION OF GRID FOR CROSS SECTIONS OF RESERVOIR SITE #3 & LOCATION OF EXISTING FENCE & PAVING

PIERCE
KING
TALBOT
ADAMS
HILL

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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76F309S CE#310 3-68

F. B. 3452 PG. 188

6+60.00
NE COR
WATER LOT
FD. CO. ENG'R
B.C. MON FL.
PER F.B. 3123-156
MKD.

COUNTY ENGINEER
LOT COR
RE 586

5+10 | 4+70 | 4+30 | 3+90

LINE 'A'

20' | 20' | 20' | 20'

150.00

LINE 'B'

E. PROPERTY LINE

LINE 'C'

WATER LOT

40'

LINE 'D'

40'

TYPICAL SECTION

LINE 'E'

TO LEFT PG. 189

150.00

LINE 'F'

WEST PROPERTY LINE

20 | 20 | 20 | 20

LINE 'G'

N W COR
WATER LOT
FD. CO. ENG'R
B.C. MON FL.
PER F.B. 3123-156
MKD.

COUNTY ENGINEER
LOT COR
RE 586

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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

Office Work

Checked

Date

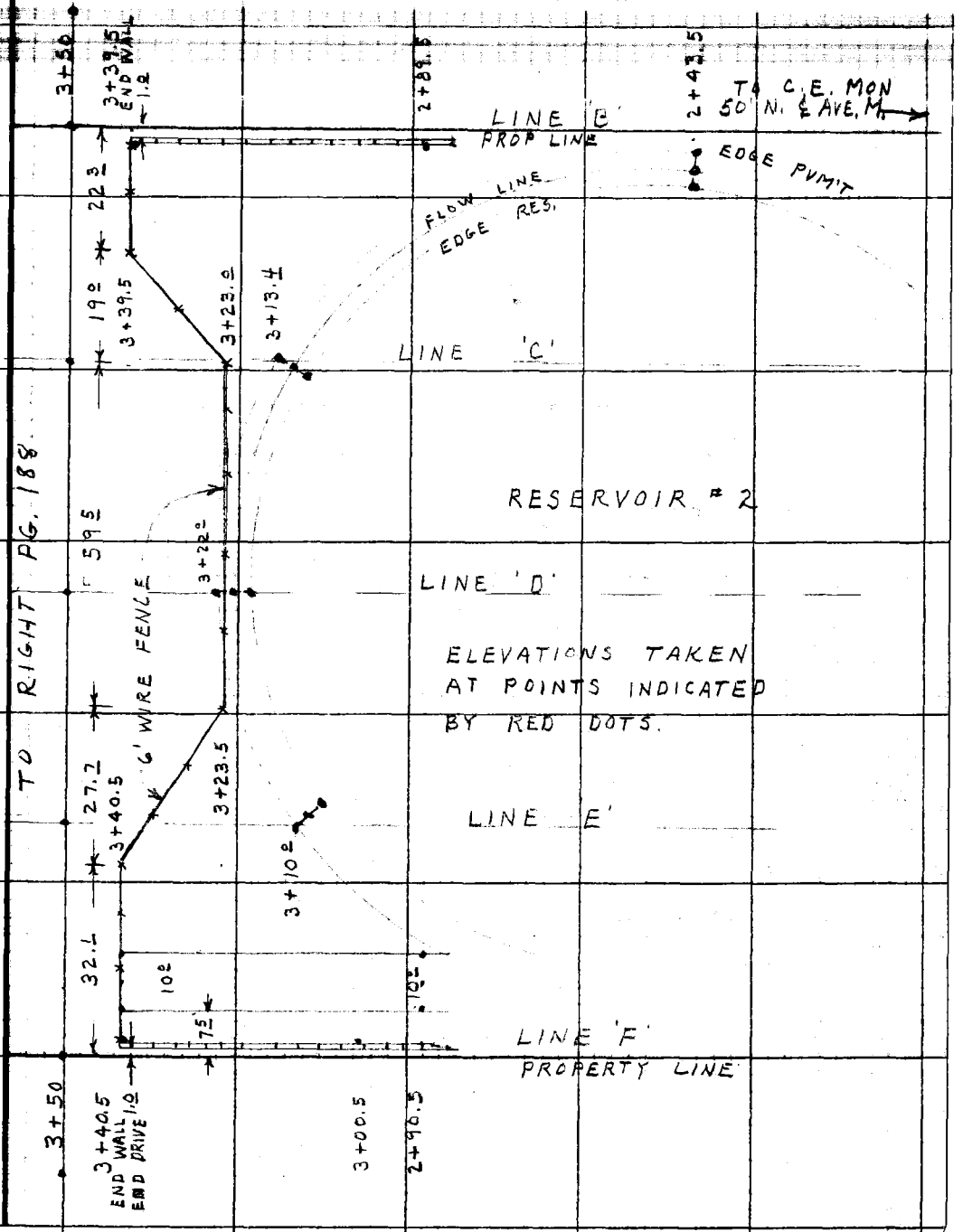
Survey of PUMP PLANT M-7W

Surveyed by PIERCE

Notes PIERCE Date 9-22-72

Indexed J. M. PALMERI

F. B. 3452 PG. 189



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 CEN310 3-69

F. B. 3452 PG. 190

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 3457 PG. 191

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

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of MO 7W PUMP PLANT W.W. DIST. 4

Survey by ____ Notes ____ Date ____

Map No. ____ Indexed J. M. PALMER Date 12 2 [illegible]

M.O 7W PUMPING PLANT

ELEVATIONS OF RESERVOIR

#2 & CROSS SECTIONS OF

RESERVOIR SITE # 3

PARTY
PIERCE
KING
HILL
ADAMS
TALBOT

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

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

PLEASE RETURN TO
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Do not extend notes this side of this line.

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM # 3				2519 29	BM # 3 ELEV 2519.29 F.B. 3137 - 186 AVE M & 10TH ST. W. 990' E & 660' N ℄ INT FD. C.E. MON @ N.E. COR WATER LOT	
LINE A						
5+10				20 2		
4+70				20 3		
4+30				20 5		
3+90				20 9		
3+50				22 0		
LINE B						
5+10				19 9		
4+70				20 2		
4+30				20 6		
3+90				20 4		
3+50				20 9		
LINE C						
5+10				19 1		
4+70				18 9		
4+30				19 2		
3+90				19 5		
3+50				19 9		
3+13 ±				20 13	EDGE PAVED DRAIN	
				19 40	F/L PAVED DRAIN	
				20 98	TOP RETAINING RING BOT TANK	
LINE D						
5+10				2518 6		

F. B. 3452 PG. 192 Job No. 504363 Division No. Notes Red Plotted Profile
Survey of MOTW PUMP PLANT W.W.D. #4 Date Date No. X-Sec.
Survey by J.C. PIERCE Notes KING Notes Chkd. Checked
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
LINE "D" 4+70				2518 5		
4+30				19 0		
3+[illegible]				19 2		
3+[illegible]				19 2	5' EAST LINE "D" CTR NEW T[illegible]	
3+50				19 4		
3+22				19 40	NO EDGE PAVED DRAIN	
				19 04	F/L DRAIN	
				20 92	TOP RETAINING RING BOT TA[illegible]	
LINE "E" 5+10				17 9		
4+70				18 3		
4+30				18 5		
3+[illegible]				18 7		
3+50				19 1		
3+10				18 57	NO EDGE PAVED DRAIN	
				18 67	F/L PAVED DRAIN	
				20 94	TOP RETAINING RING BOT TAN	
LINE "F" 5+10				16 [illegible]		
4+70				17 3		
4+30				17 7		
3+[illegible]				18 3		
[illegible] 50				2518 [illegible]		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of MOTW PUMP PLANT W.W. DIST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed L. M. PALMER Date SEP 28 '72

F. B. PG.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
LINE "G"						
5+10				2516 7		
4+70				[illegible]		
4+50				[illegible]		
3+50				[illegible]		
3+[illegible]				[illegible]		
3+40.5				18 17	FTG N. END W. BLOCK WALL	
3+40.5				26 70	TOP BLOCK WALL W/SIDE N. END	
3+00.5				[illegible]	40' SO. OF N. END W. BLOCK WALL	
3+00.5				[illegible] 43	TOP BLOCK WALL W/SIDE 40' S. OF N. END	
3+40.5				18 77	W/SIDE N. END PAVE DRIVEWAY	
3+40.5				18 44	℄ " " "	
3+40.5				18 66	E/SIDE " " "	
2+90.5				18 82	℄ 50' SO. OF N. END OF DRIVEWAY	
2+90.5				18 33	W. EDGE DRIVEWAY 50' SO. OF N. END	
2+90.5				18 93	E. " " " " " "	
2+43.5				21 06	TOP RETAINING RING	MOST ESTLY PT BOT TANK
2+43.5				20 42	F/L PAVED GUTTER	MOST ESTLY PT.
2+43.5				21 08	EDGE PAVED GUTTER	MOST ESTLY PT.
3+39.5				20 86	FTG. N. END EAST BLOCK WALL	
3+39.5				29 41	TOP WALL N. END EAST BLOCK WALL	
2+89.5				2520 84	FTG. 50' S. N. END EAST BLOCK WALL	

F. B. 3452 PG. 194
Job No. 3043.62 Division No. Notes Red Plotted Profile
Survey of MOTW PUMP PLANT W.W. DIST #4 Date Date No.
Survey by J.C. PIERCE Notes KING Notes Chk'd. Checked X-Sec.
Indexed R. M. PALMERI Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+89.5				2529.39	TOP OF EAST BLOCK WALL 50' S of [illegible]	
BM # 3				2519.29	BM # 3 ELEV 2519.29 FB 3137-13 AVE [illegible] & 10TH ST. W. 990' E & 660' N. [illegible] FD [illegible] @ N.E. COR WATER LOT	

Profile No. ____ Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of MOTW PUMP PLANT W.W. DIST # 4
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed L. M. PALMERI Date SEP 28 72

F. B. ____ Pg. ____

F. B. 3452 PG. 196 Job No. 5043.62 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of MOTW PUMP PLANT W.W. DIST # 4 Date _____ Date _____ No. _____

Survey by J.C. PIERCE Notes KING Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-298 CE 3075-66

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Notes Ck'd by D. SAPPELL	Survey of W.W. #4 Ave L-9
Map No.	JN 504347 Tape 231 Std 84 °F
Office Work	Surveyed by W. J. Yoge
Checked	Notes Yoge Date 9/24/72
Date	Indexed T. M. PALMERI 9/ 2 /72

F. B. 3452 PG. 197

W. W. #4

FUTURE 8" WATER MAIN ON

AVE L-9, EAST OF 10TH ST. W.

PARTY: YOGE
VAN NESS
RIECHOFF
CROWE

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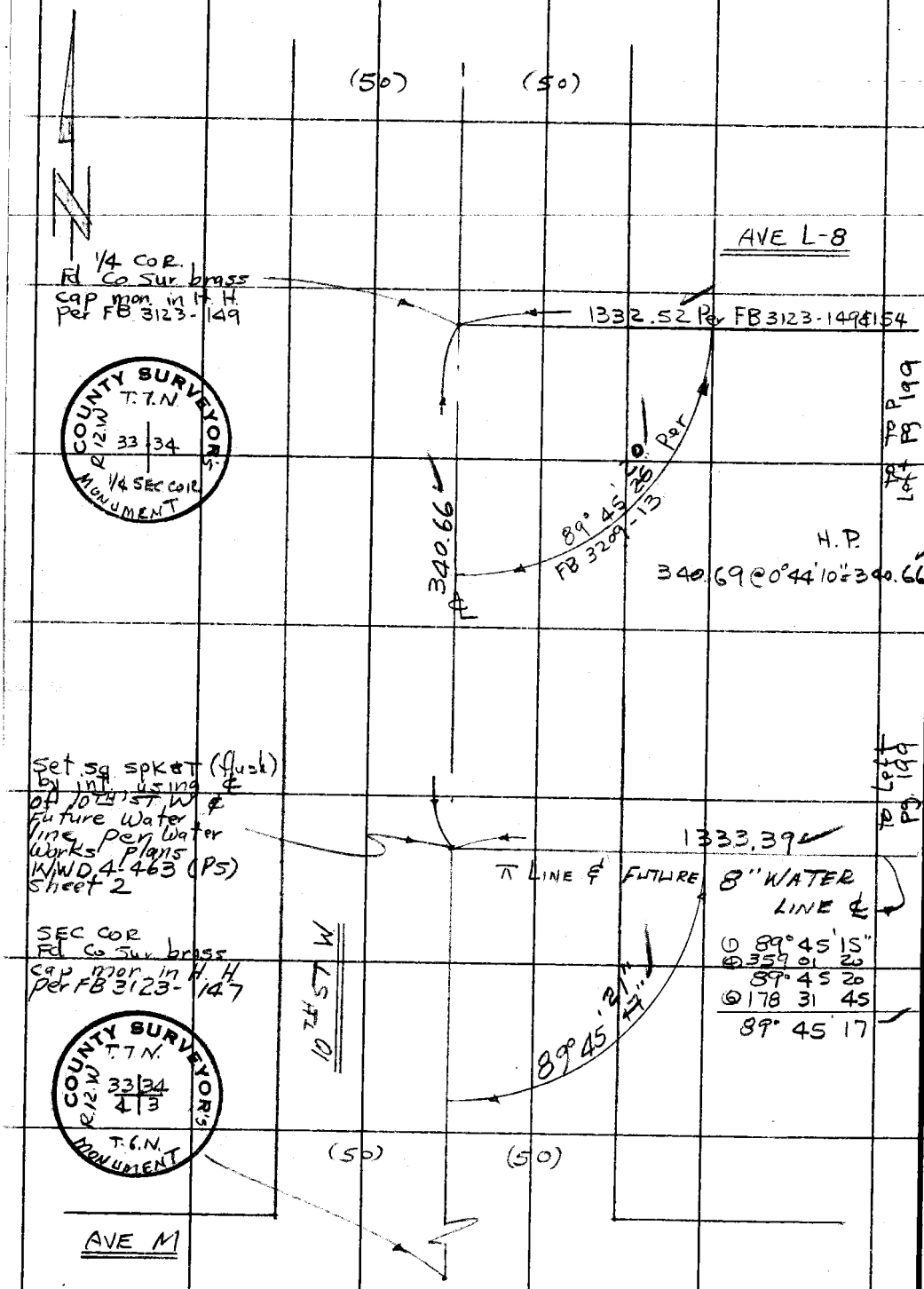
76F309S CE#310 3-68

F. B. 3452 PG 198



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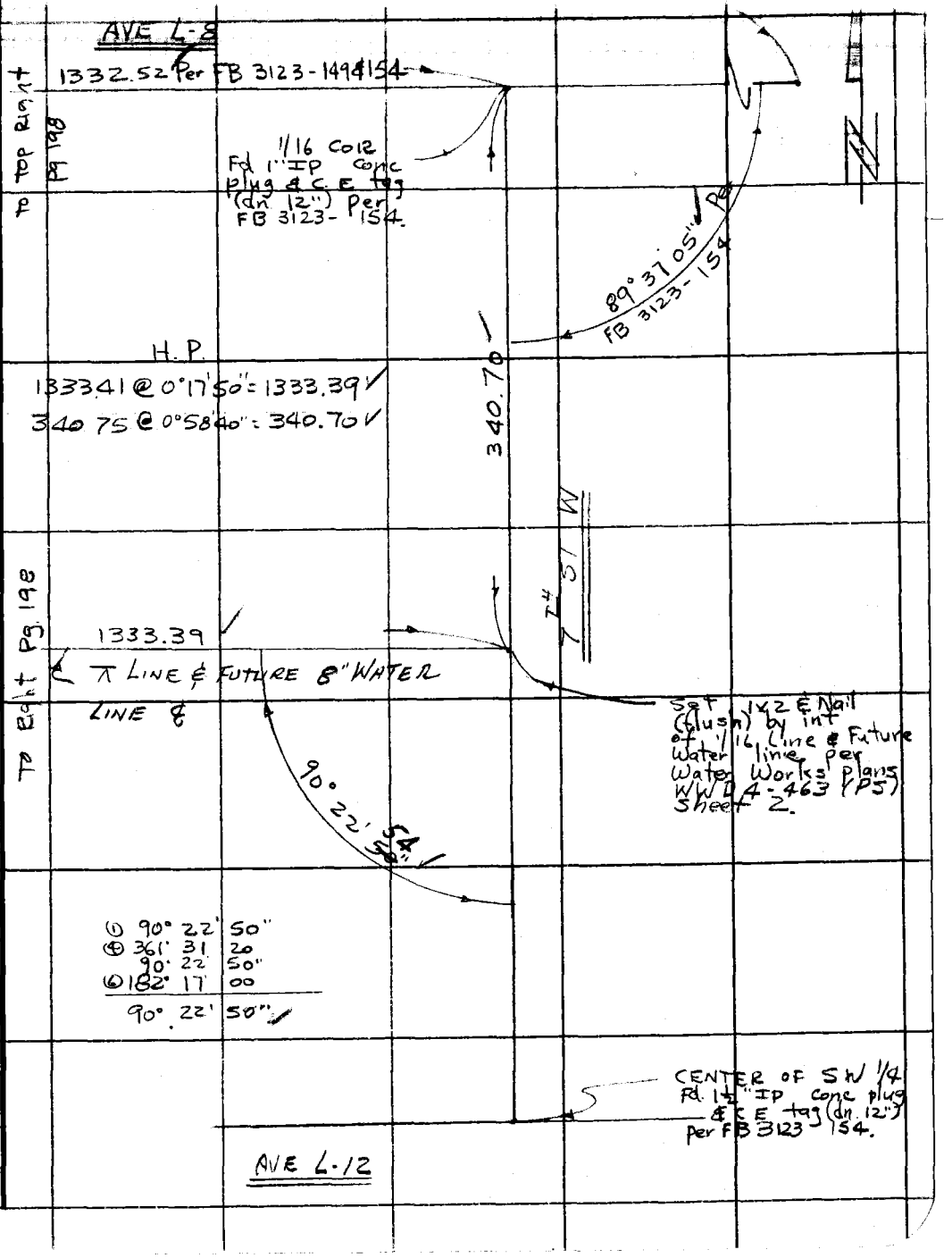
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by D. SAPPELL	Survey of W(1) #4 AVE L-9	F. B. 3452 PG. 199
Map No.	JN 5043.47 Tape 231 Std 84 °F	
Office Work	Surveyed by W J Yoge	
Checked	Notes Yoge Date 9/22/72	CTR
Date	Indexed T. M. PALMERI 9/22/72	Sec 34.



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

F. B. 3452 PG 200

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Notes Ck'd by	Survey of
Map No.	JN 5043.47 Tape Std. of F
Office Work	Surveyed by
Checked	Notes 109d Date 10/6/72
Date	Indexed T. M. PALMERI OCT 1

F. B. PG.

WATER WORKS #4

LOCATION OF IMPROVEMENTS ON AVE L-9, EAST OF 10TH ST W.

JN 5043.47

References Used: FB 3452

PARTY: Voge
Van Ness
Riechoff
Crowe

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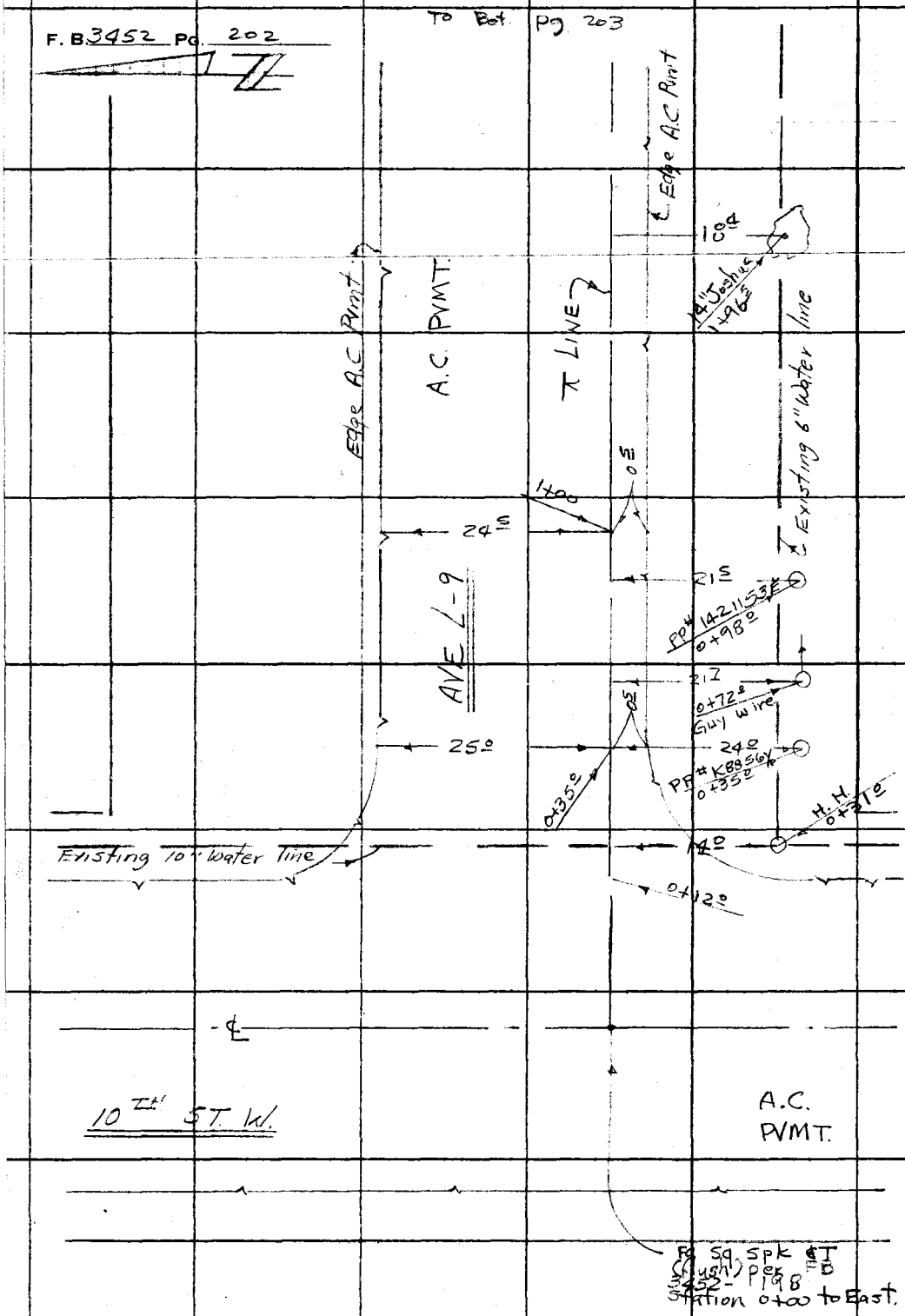
76F309S CE#310 3-69

F. B. 3452 Pg. 202

To Bot. Pg. 203



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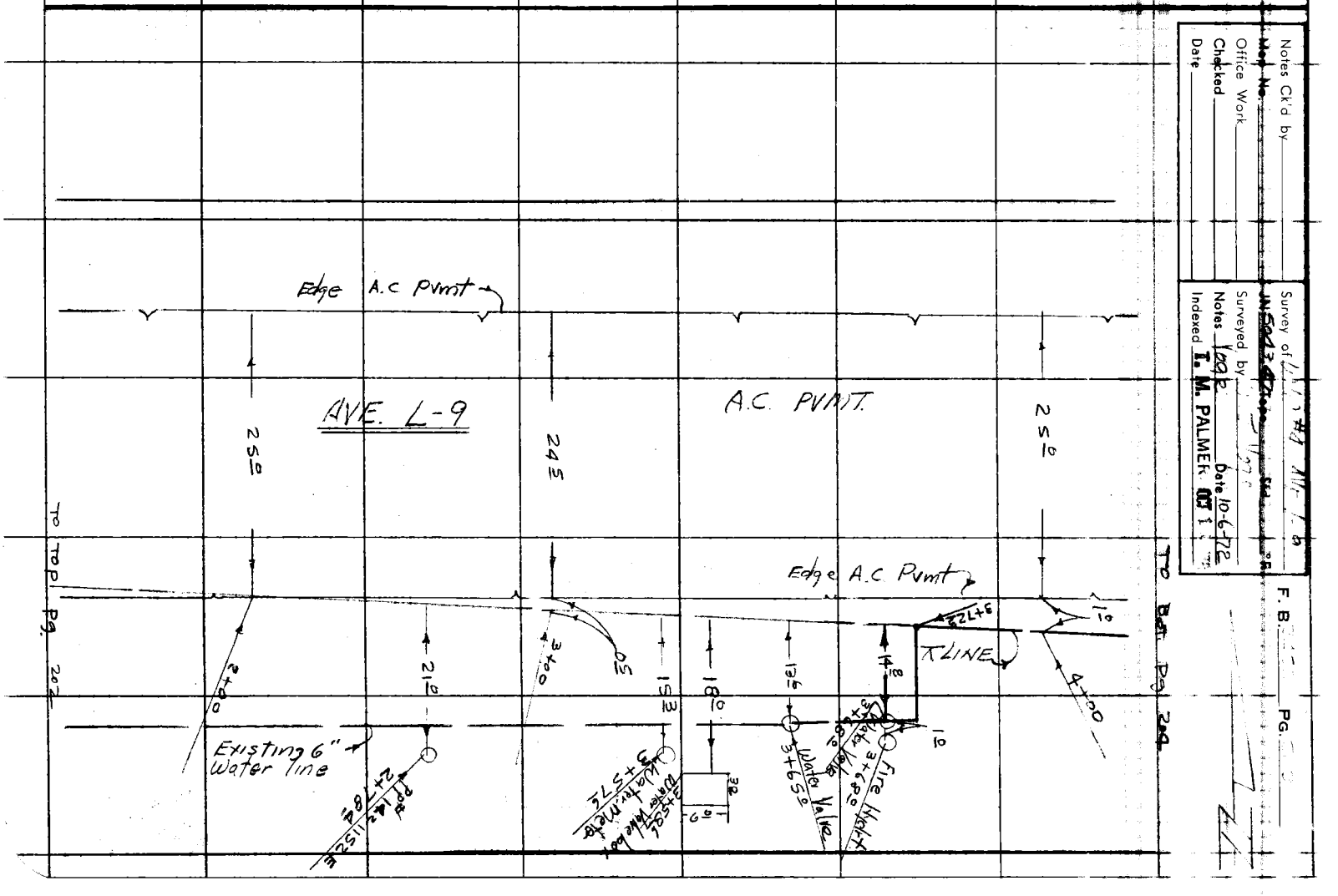
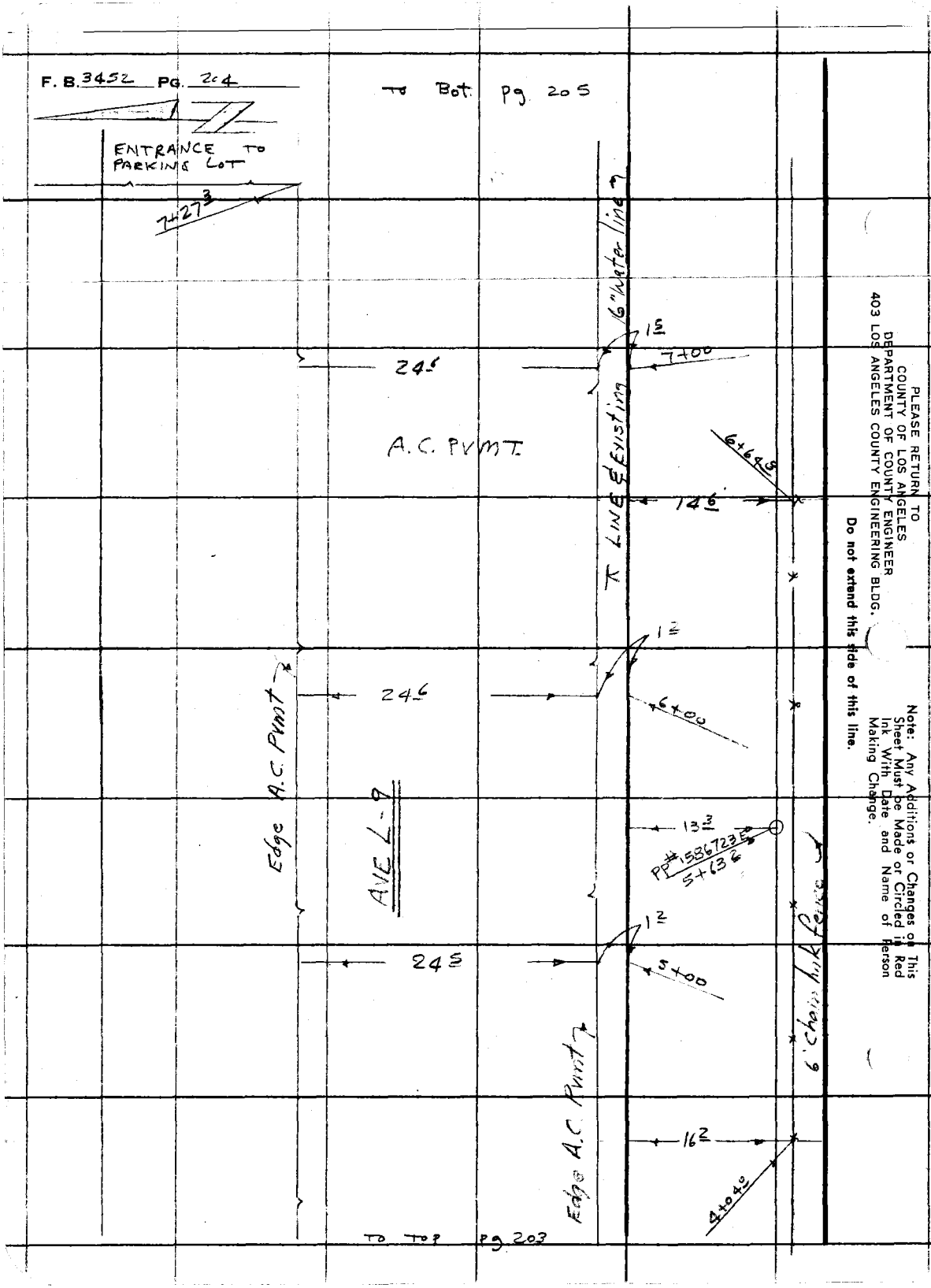


F. B. 3452 PG. 204

To Bot. Pg. 205



To Top Pg. 203

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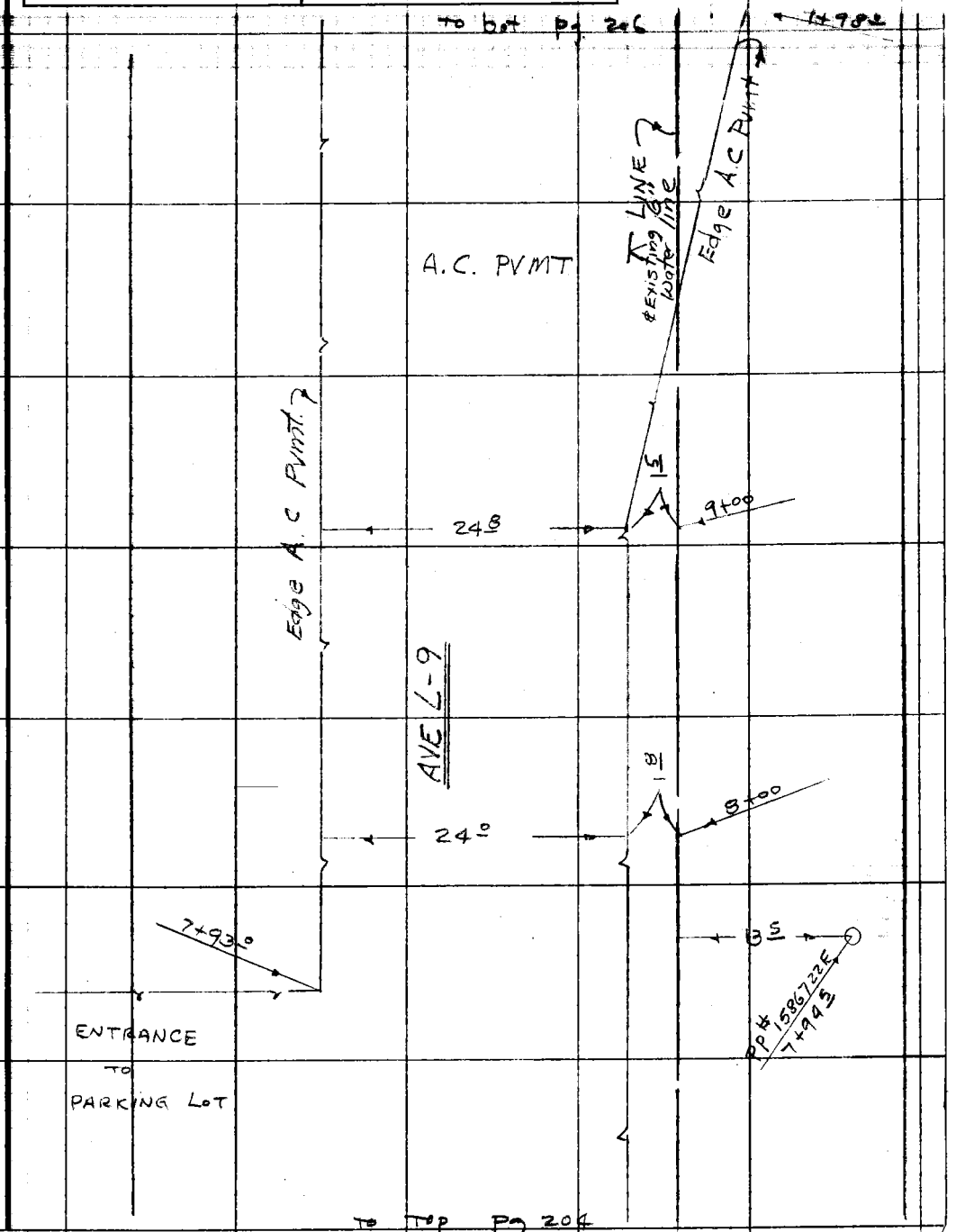
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible]
Map No.	JN 5-42-47 Topo. Std. °F
Office Work	Surveyed by [illegible]
Checked	Notes 1/09e Date 10/6/72
Date	Indexed T. M. PALMERI OCT [illegible] '72

F. B. [illegible] PG. [illegible]



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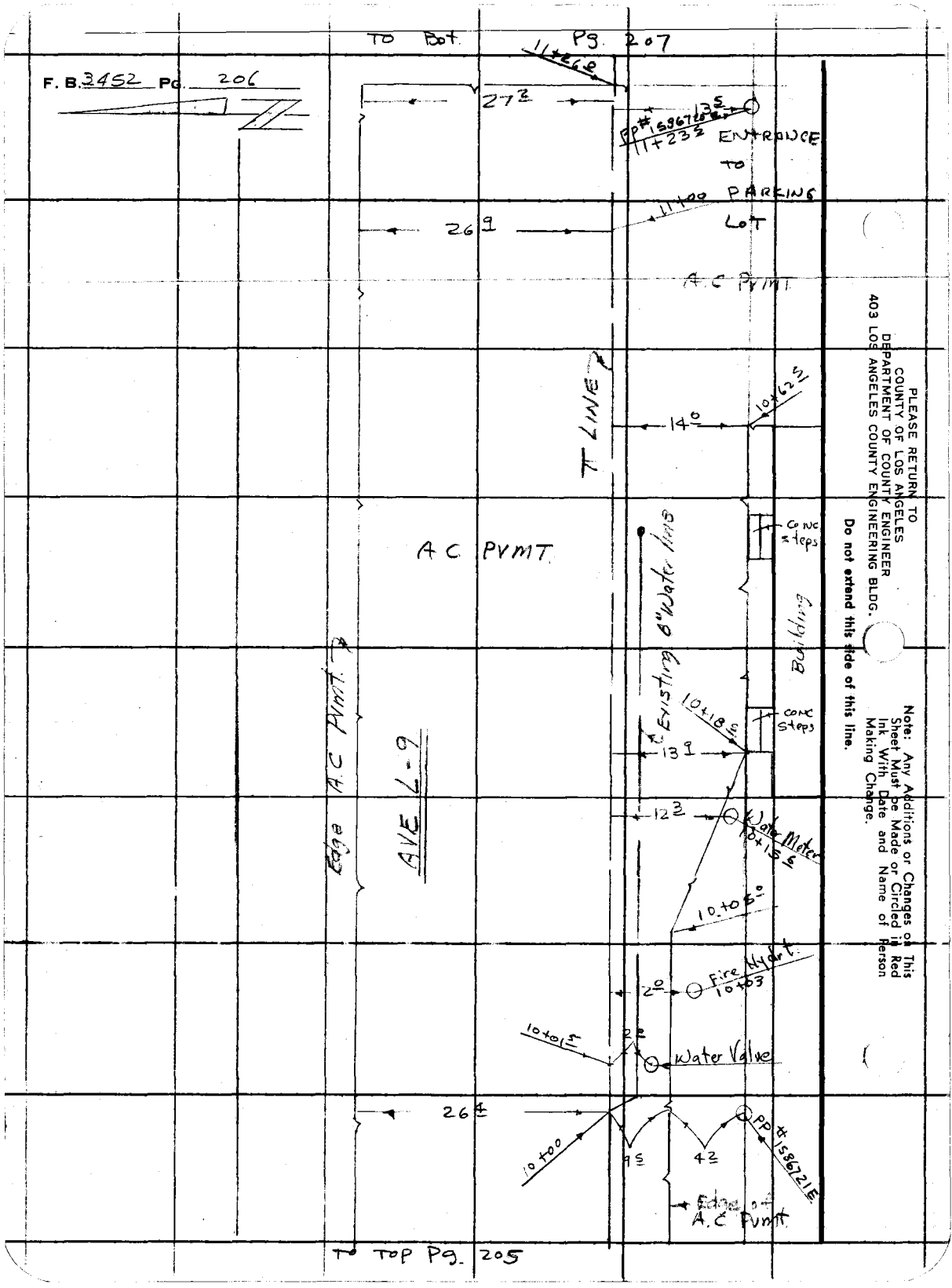
76F309S CE#310 3-69



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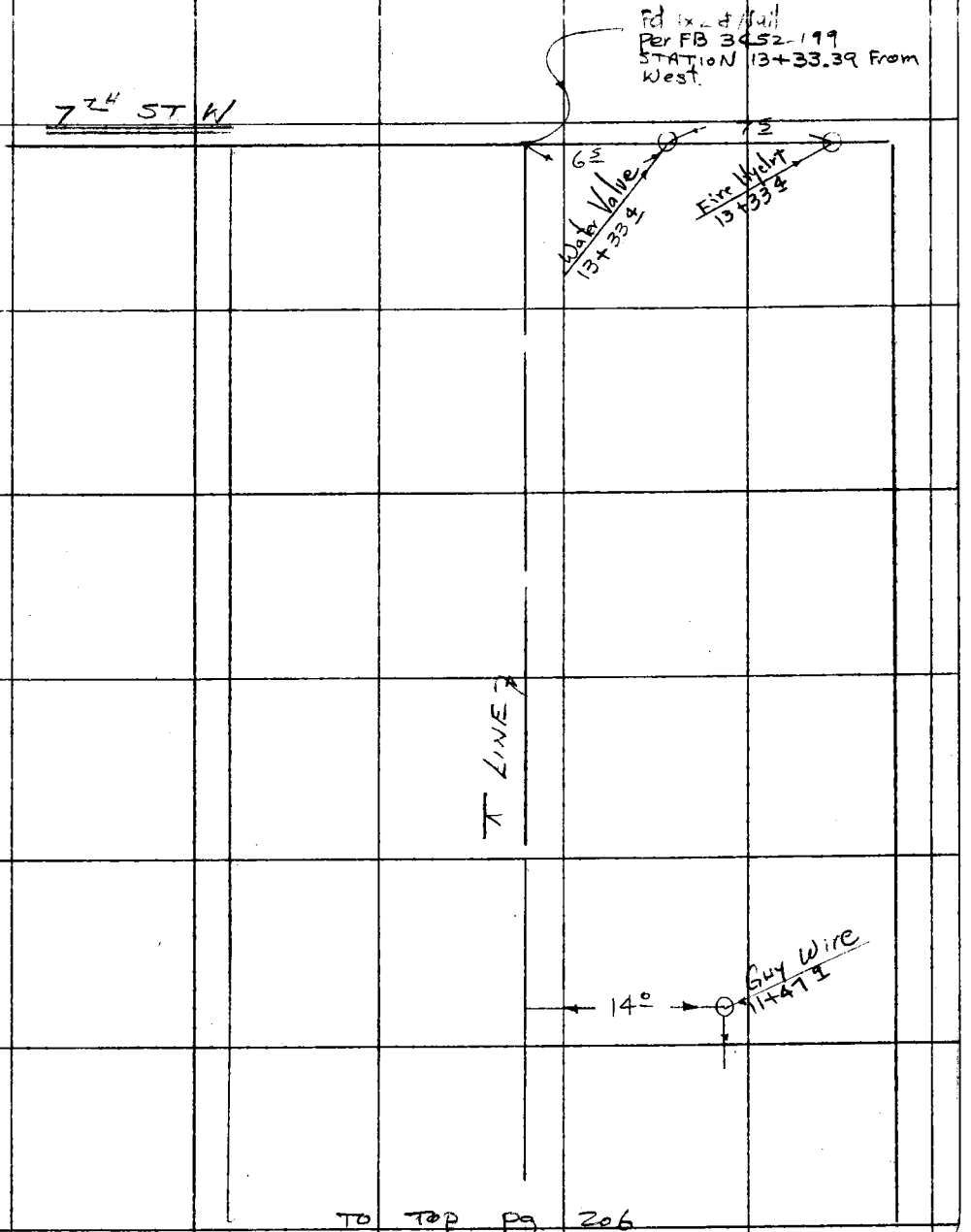
Notes Ck'd by	Survey of [illegible] #4 AVE L-9
Map No.	IN 5043.49 Tape Std. °F
Office Work	Surveyed by [illegible]
Checked	Notes Yoge Date 10/6/72
Date	Indexed T. M. PALMERI OCT 11 '72

F. B. 345[illegible] PG. [illegible]



TO TOP Pg 206

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76F309S CE#310 3-69

F. B. 3452 PG. 208

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PWFB 3629

92

Notes Ck'd by	Survey of W.W. #4
Map No.	JN 504998 Tape 231, Std. 84 °E
Office Work	Surveyed by
Checked	Notes VOGE Date 11/1/72
Date	Indexed S. D. BAILEY NOV 1972

F. B. Pg.

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W.W. #4 90TH ST. E. #

NUGENT ST.

JN 504998

REFERENCES USED: FB. 3184
RS. 72-38

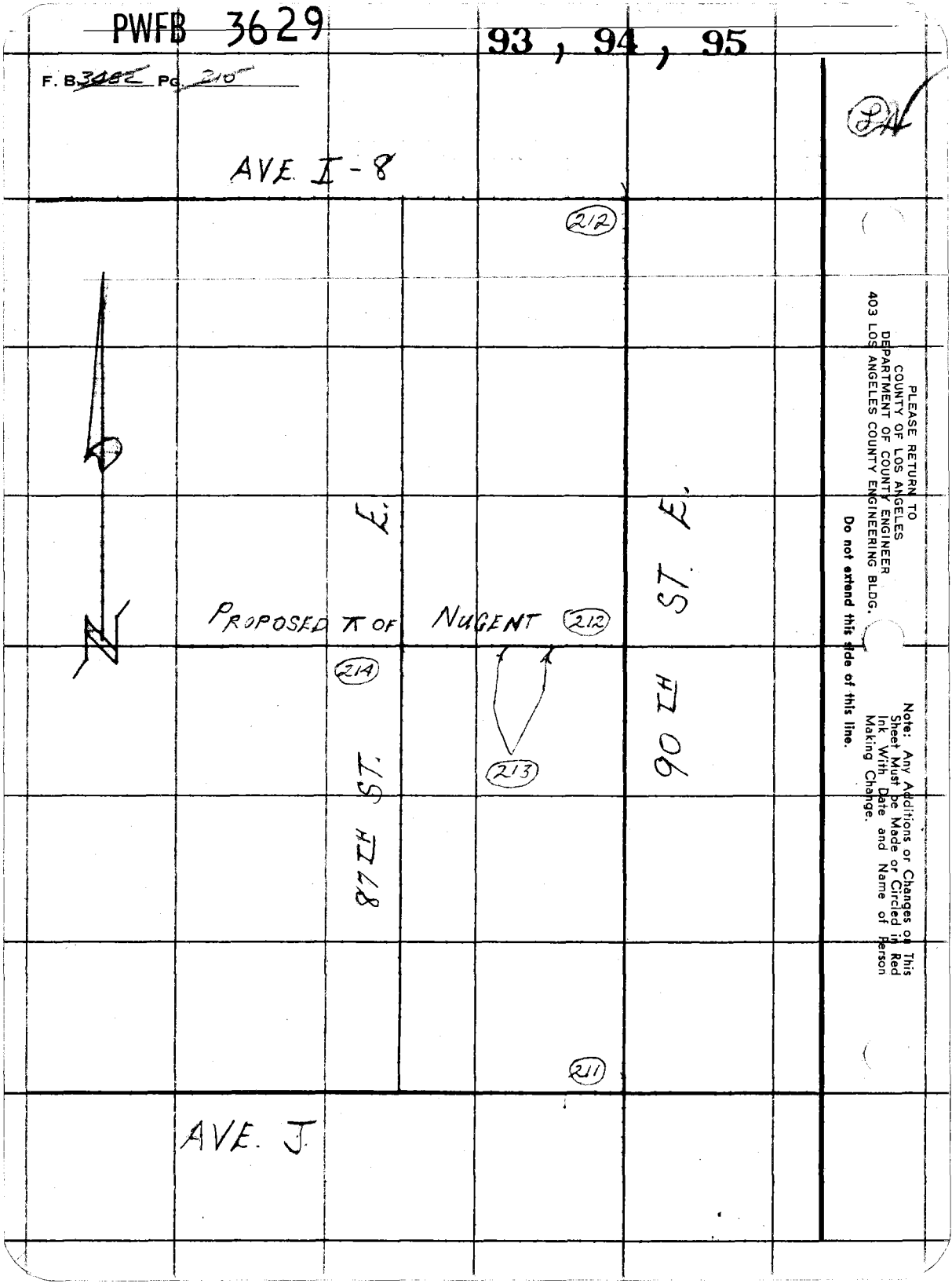
PARTY: VOGE
VAN NESS
RIECHOFF
CROWE

76F309s CE#310 3-68

PWFB 3629

93, 94, 95

F. B. ~~3482~~ Pg. ~~210~~



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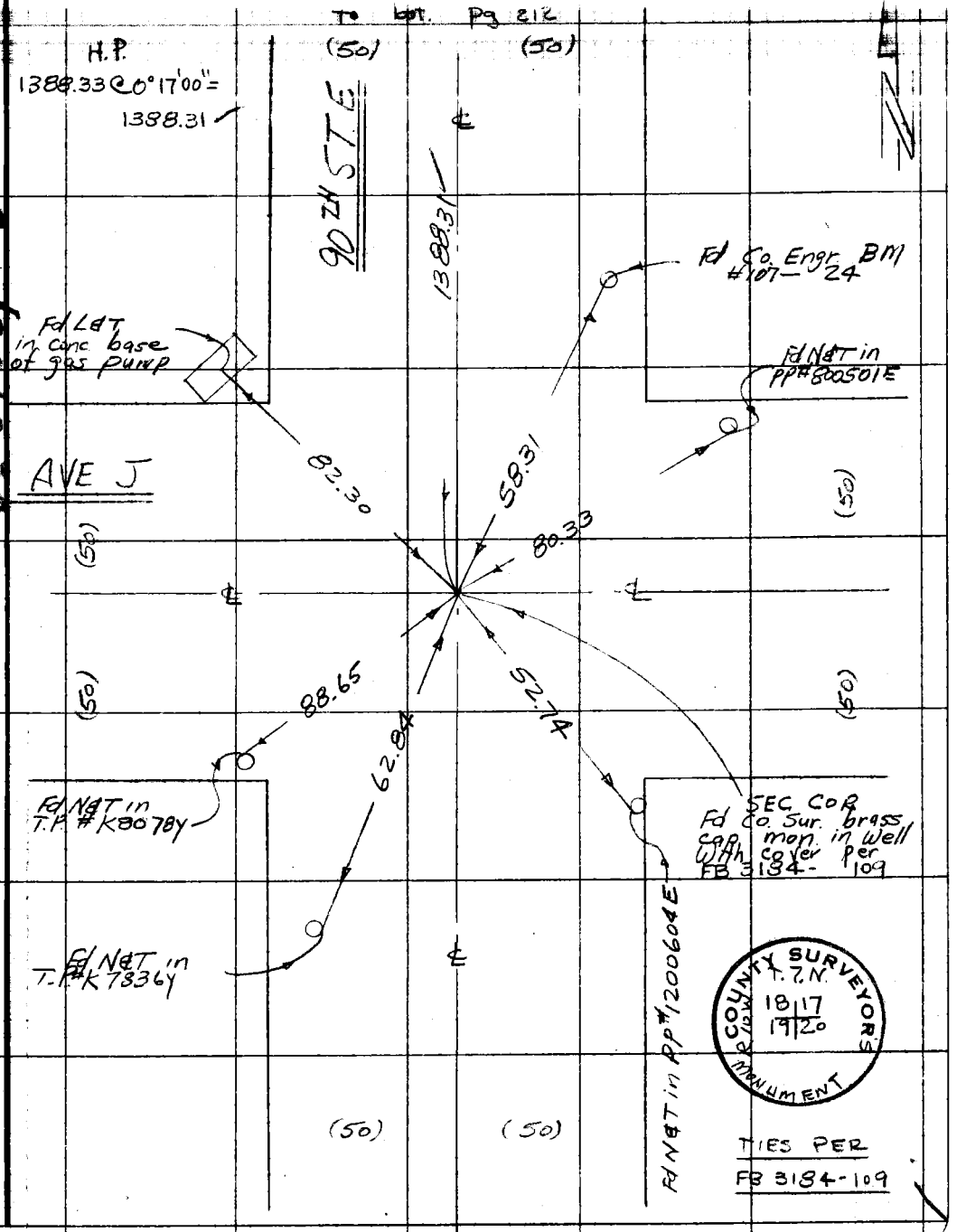
PWFB 3629

96

Notes Ck'd by A. E. DART	Survey of W(1) #4 90th ST E & Nusbit
Map No.	IN 5049.98 Tape 231 Std 8.4 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 6/21/72
Date	Indexed B. D. BAILEY NOV 8 1972

F. B. 3457 PG. 21

To bot. Pg 212



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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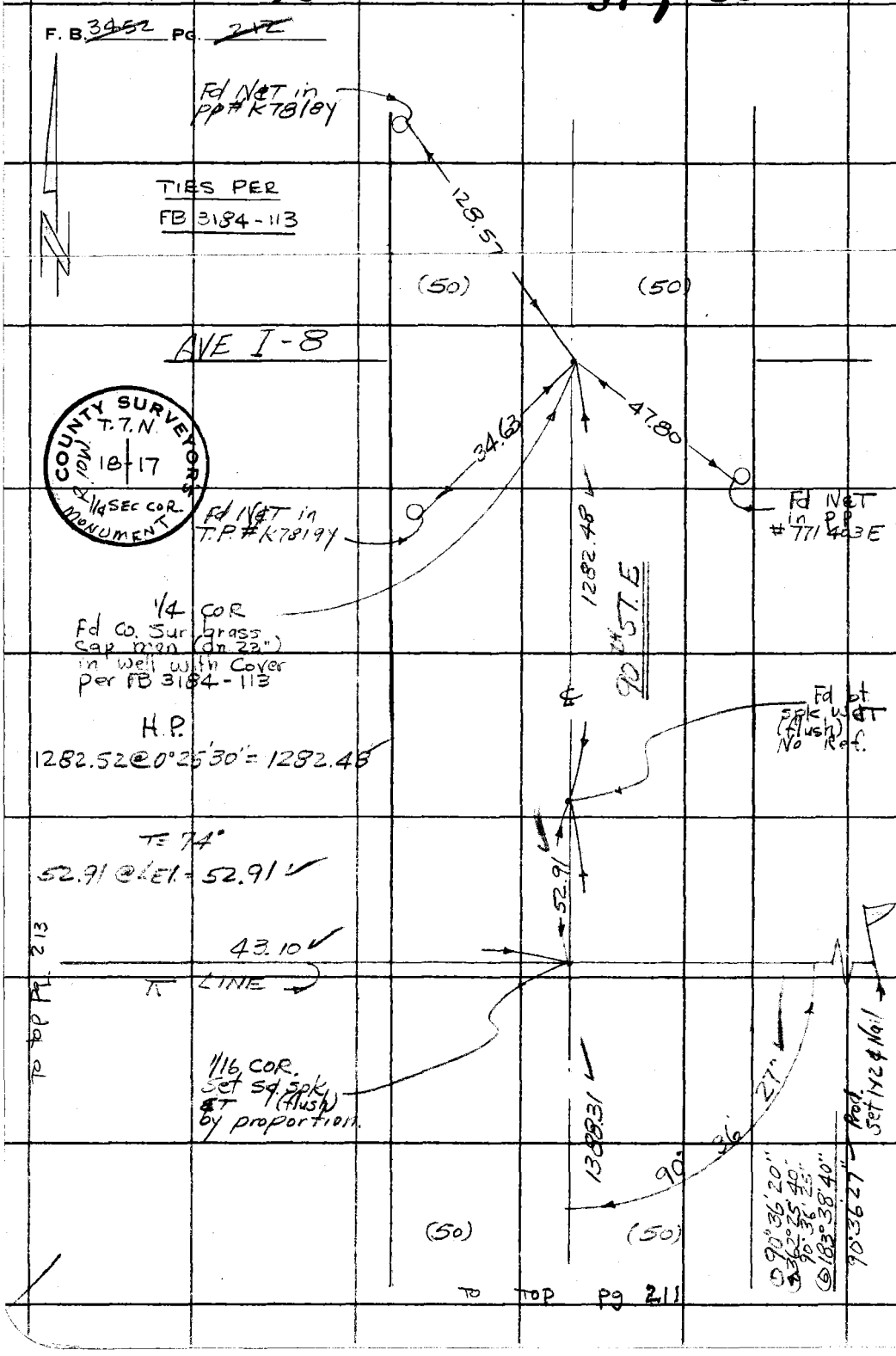
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

PWFB 3629

97, 98

F. B. ~~3452~~ Pg. ~~212~~



WS 69A-4

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PWFB 3629 99, 100

Notes Ck'd by A. E. DART	Survey of WW #4 90th ST E & Nevada
Map No.	JN 5049 93 Topo 231 Sta 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes Voge Date 11/1/72
Date	Indexed G. D. BAILEY NOV 1972

F. B. [illegible] PG. [illegible]

To left Pg 212

TE 74°

43.10 @ LEV = 43.10

H.P.

1296.97 @ 00°12'02" = 1296.96

43.10

H.P.

342.93 @ 00°28'30" = 342.92

Set 1/2 & Nail (flush)

TE 74°

51.00 @ LEV = 51.00

342.92
− 51.00
291.92

291.92

TE 74°

117.05 @ LEV = 117.04

51.00
+ 117.04
168.04

PT. A
Set 1" IP conc plug & CE tag (flush)

168.04

1296.96

PT B
Set 1" IP conc plug & CE tag (flush)

TLINE

To TOP Pg 214

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

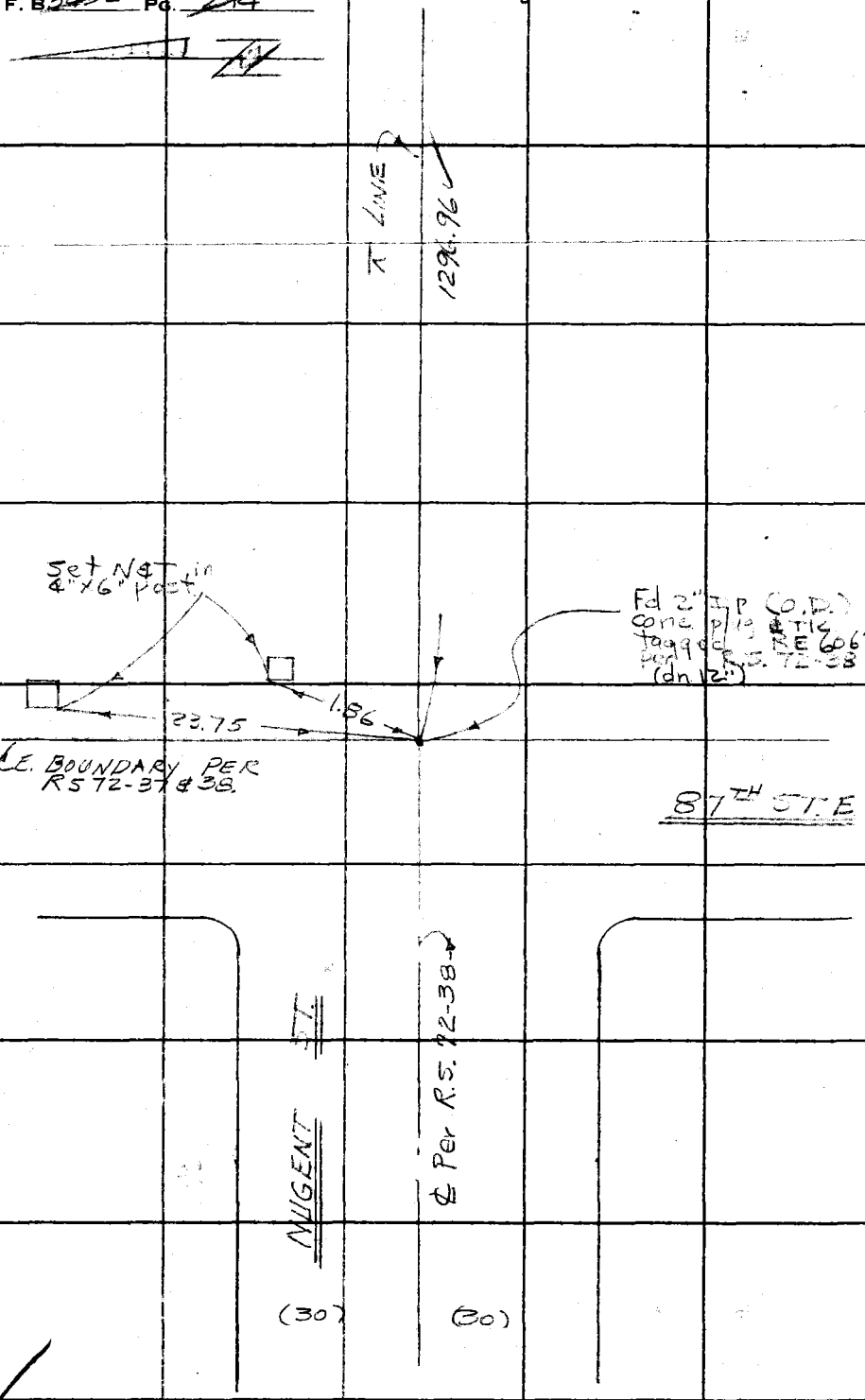
76F309S CE#310 3-69

PWFB 3629

101

F. B. 3452 Pg. 214

To bot. Pg 213



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WS 69-A-4

F. B. 3457 PG. 315

NOTES RED. _____ JOB NO. 5049.98 SURVEY OF W # 90TH ST E
DATE _____ SURVEY BY WJ Voge
NOTES CHKD. [illegible] NOTES BY Voge DATE 1/72
DATE 14 NOV 72 INDEXED G. D. BAILEY DATE NOV 8 1972

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						LEVELS FOR WW #4
						90TH ST E & NUGENT ST.
						JN 5049.98

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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725 LOS ANGELES COUNTY ENGINEERING BLDG.

76S420 S & E-353 4-54

765420 S & E-353 4-54

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

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JOB NO 5049.98 SURVEY OF Hwy #4 90° 31' E of Vogel
SURVEY BY W. S. Vogel
NOTES BY Vogel DATE 11/1/72
INDEXED G. D. BAILEY DATE
NOTES CHKD ROBERT R. HEACOCK DATE 14 NOV '72
NOTES RED.
F.B. 3462 Pg. 216

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 107-26	2415.464					Fd BM 107-26 ELEV= 2415.464 (1967 ADJ.)
+	4.368		4.451			AVE I & 90TH ST. E, S.W. COR 76' S.W
⊼	2419.832	+0.531	+0.532			OF ℄ INT & 2' E of PP# 935497E
−	3.837		3.919			A CO ENGR BRASS CAP IN ON
TP	2415.995					(BUTTON TOP) MARKED BM 107-26
+	5.149		5.254			1961 RE 5369 PER FB 2840-34
⊼	2421.144	+ 1.366	+ 1.363			
−	3.783		3.891			
TP	2417.361					
+	5.120		5.293			
⊼	2422.481	+ 1.856	+ 1.852			
−	3.264		3.441			
TP	2419.217					
+	5.535		5.678			
⊼	2424.752	+ 1.873	+ 1.371			
−	3.662		3.807			
TP	2421.090					
+	5.761		5.921			
⊼	2426.851	+ 1.961	+ 1.962			
−	3.800		3.959			
TP	2423.051					
+	5.120		5.308			
⊼	2428.171	+ 1.531	+ 1.530			
−	3.589		3.778			
TP	2424.582					
+	5.020		5.129			
⊼	2429.602	+ 1.531	+ 1.530			
−	3.489		3.599			
BM 107-25	2426.113					Fd BM 107-25 ELEV= 2426.198 (1967 ADJ)

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.
BM 107-25	2426.198				
+	4.549		4.673		
⊼	2430.747	+ 0.621	+0.619		
-	3.923		4.054		
TP	2426.819				
+	5.945		6.021		
⊼	2432.764	+ 1.712	+ 1.713		
-	4.233		4.308		
TP	2428.531				
+	~~5.584~~		5.703	5.795	
⊼	2434.234	+ ~~2.106~~	+2.092	+ 2.094	
-	~~3.478~~		3.611	3.701	
TP	2430.623				
+	6.288		6.429		
⊼	2436.911	+2.639	+ 2.638		
-	3.649		3.791		
TP	2433.262				
+	~~6.355~~		6.458	6.330	
⊼	2439.720	~~2.258~~	+ 2.278	+2.278	
-	~~4.067~~		4.180	4.052	
TP	2435.540				
+	6.403		6.519		
⊼	2441.943	+2.582	+2.581		
-	3.821		3.938		
TP	2438.122				
+	~~6.548~~		6.539	6.668	
⊼	2444.661	~~+1.929~~	+1.875	+1.878	
-	~~4.619~~		4.664	4.790	
BM NC 853	2439.997				

Fd DESCRIPTION

BM 107-25 ELEV. - 2426.198 (1962 ...)
90± STE, 0.55± mi N. OF AEJ
34.5' E OF ℄, & 3° E OF
PP # 771405E, A CO. ENGR. ...
CAP MON (BUTTON TOP MARKER)
BM 107-25 RE 5969 196
PER FB 2540-33

NOTES RED DATE
MARKS ON PP LIST ON NOTES BY
DATE 14 NOV 72 INDEXED D. BAILEY DATE NOV 8 1972
JOB NO. SURVEY OF
SURVEY BY DATE
F. B. PG.

765420 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 ROTES NOTES RED. ROBERT E. HEACOCK CHKD. DATE 14 NOV 72

Do not extend notes this side of this line

JOB NO. 5047.18 SURVEY OF DIW # 4 90th ST E of Nugent
SURVEY BY C.J. Voge DATE 11/1/72
NOTES BY Voge DATE
INDEXED G. D. BAILEY DATE

F.B. 3452 Pg. 218

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMNC1353	2439.997					Set B.M-N.C.1353 ELEV. 2439.997 F.B. 3452-218
+	1.972		2.143			ON 90TH ST. E. 1300'± N. OF AVE. J. & 250'±
⊼	2441.969	-0.985	-0.983			W. OF & SET BT. SPK & T IN 24" JOSHUA (S. SIDE)
-	2.957		3.126			
PT "A"	2439.012					Set PT "A"
+	3.005		3.147			A 1" IP, conc plug & CE tag
⊼	2442.017	-2.173	-2.171			Per FB 3452-213
-	5.178		5.318			
PT "B"	2436.839					Set PT "B"
+	6.112		6.292			A 1" IP conc plug & CE tag
⊼	2442.951	+3.143	+3.143			Per FB 3452-213
-	2.969		3.149			
BM NC1354	2439.982					Set B.M.N.C. 1354 ELEV. = 2439.982 F.B. 3452-218
+	4.964		5.044			ON 90TH ST. E. 1050'± N. OF AVE. J. & 250'±
⊼	2444.946	+1.725	+1.724			W. OF & SET BT. SPK & T IN 20" JOSHUA (N. SIDE)
-	3.239		3.320			
BM NC1355	2441.707					Set B.M.N.C. 1355 ELEV. = 2441.707 F.B. 3452-218
+	3.866		3.970			ON 90TH ST. E. 1100'± N. OF AVE. J. & 40'±
⊼	2445.573	-0.675	-0.678			W. OF & SET BT. SPK. & T IN BASE OF 30"
-	4.541		4.648			JOSHUA (E. SIDE)
TP	2441.032					
+	5.458		5.625			
⊼	2446.490	+1.448	+1.443			
-	4.010		4.182			
TP	2442.480					
+	5.250		5.347			
⊼	2447.730	+1.749	+1.747			
-	3.501		3.600			
BM107-24	2444.229					Fd BM107-24 ELEV. = 2443.662 (1967 ADJ)

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 107-24	2444.229					Fd. BM 107-24 ELEV = 2443.662 (196 A.D.)
+	4.001		4.119			90TH ST. E & AVE J, N.E. COR
⊼	2448.230	-1.461	-1.463			38S E of ℄ & 44° N of ℄.
−	5.462		5.582			A Co ENGR BRASS CAP MON
TP	2442.768					(BUTTON TOP) MARKED BM 107-24
+	4.211		4.331			RE 5869, 1961, PER FB 2840.
⊼	2446.979	-1.313	-1.317			
−	5.524		5.648			
TP	2441.455					
+	4.029		4.117			
⊼	2445.484	-2.153	-2.156			
−	6.182		6.273			
TP	2439.302					
+	3.522		3.275			
⊼	2442.824	-2.670	-2.669			
−	6.192		5.944			
TP	2436.632					
+	3.549		3.703			
⊼	2440.181	-2.420	-2.419			
−	5.969		6.122			
TP	2434.212					
+	3.807		3.954			
⊼	2438.019	-2.480	-2.476			
−	6.287		6.430			
TP	2431.732					
+	3.479		3.301			
⊼	2435.211	-2.729	-2.728			
−	6.208		6.029			
TP	2429.003					

NOTES RED. JOB NO. SURVEY OF
DATE SURVEY BY W.J. Voge
NOTES CHKD. ROBERT E. HEACOCK NOTES BY DATE
DATE 1 NOV 72 INDEXED G. D. BAILEY DATE NOV 8 1972

F. B. PG.

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2429.003					
+	4001		4.196			
⊼	2433.004	-1.569	-1.565			
-	5.570		5.761			
TP	2427.434					
+	3.851		3.623			
⊼	2431.285	-1.272	-1.274			
-	5.123		4.897			
Bm107-25	2426.162					Fd Bm 107-25 Elev = 2426.198 (1967 ADJ.) FOR DESCRIPTION SEE FB 3452-217

NOTES RED. DATE
ROBERT E. HEACOCK NOTES CHKD. DATE 14 NOV 72
JOB NO. 5049.98 SURVEY OF 90th ST. E & Nugent
SURVEY BY W. J. Voge DATE 11/1/72
NOTES BY Voge DATE
INDEXED G. D. BAILEY DATE
WW #4
F.B. 3452 Pg. 220

F. B. [illegible] PG. [illegible]

Profile No.	Notes Red	Plotted	Job No. [illegible]	Division No.
	Date	Date	Survey of W. W. DIST #4	
X-Sec. No.	Notes Chk'd.	Checked	Survey by [illegible]	Notes Date
	Date	Date	Map No.	Indexed G. D. BAILEY Date NOV 8 1972

J. W. [illegible]

W. W. DIST. #4

90TH ST. E. & NUGENT ST.

CROSS-SECTIONS

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

VOGE
VAN NESS
CROWE
RIECKHOFF

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

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.	LEFT OR W.	RIGHT OR E
B.M.N.C.1355				2441.707	B.M.N.C.1355 ELEV.: 2441.707 F.B. 3452-218	
					ON 90TH ST. E. 1100' ± N. OF AVE. J. & 40' ± W.	
					OF ℄ FD. BT. SPK. & T IN BASE 30" JOSHUA (E. SIDE)	
1 + 00				38.01		℄
1 + 50				37.60		℄
2 + 00				37.2		℄
"				36.9	EDGE OF PAV 19.6	
"				36.8	F.L. 21.6	
"				37.4	SIDE BANK 23.6	
2 + 50				36.8		℄
"				36.5	EDGE OF PAV. 19.5	
"				36.5	F.L. 21.5	
"				37.0	SIDE BANK 23.5	
3 + 00				36.4		℄
"				36.0	EDGE OF PAV & F.L. 19.6	
"				36.4	SIDE BANK 24.6	
3 + 50				36.0		℄
"				35.6	EDGE OF PAV 20.5	
"				35.5	F.L. 23.0	
"				36.2	SIDE BANK 25.0	
4 + 00				2435.6		℄

F. B. 3452 Pg. 222
Job No. 5049.78 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey of W.W. DIST. #4 Date ____ Date ____ No. ____
Survey by VOGE Notes VAN NESS Notes Chk'd. ____ Checked ____ X-Sec.
Indexed G. D. BAILEY Date 11-2-72 Date ____ Date ____ No. ____

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.	LEFT OR W.	RIGHT OR E.
4+00				2435.3	EDGE 20°	
"				35.2	F.L. 21°	
"				36.1	SIDE BANK 24°	
B.M.N.C. 1355				2441.72	B.M.N.C. 1355 ELEV. = 2441.707 F.B. 3452+21 ON 90TH ST. E. 1100'± N. OF AVE. J. & 40'± [illegible] OF ℄ FD. BT. SPK. & T IN BASE 30' JOSHUA (E. [illegible])	

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. [illegible]
No. ____ Date ____ Date ____ Survey of W. W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] Date NOV 8 1972

F. B. 3452 Pg. 223

F. B. 3452 Pg. 224 Job No. 504998 Division No. 11 Notes Red _____ Plotted _____ Profile

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

Survey by VOGE Notes VAN NESS Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date 11-2-72 Date _____ Date _____ No. _____

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

76-L-298 CE 307 5-66

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
408 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 WW DIST #4
Map. No.	JN [illegible] Tape Std. [illegible] °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes [illegible] Date 7-7-72
Date	Indexed

F. B. 3452 PG. 225

J. N. 5243.41

WATERWORKS DISTRICT #4
CONSTRUCTION STAKES

FOR 18" SLEEVE
ON 15TH ST. WEST
1000' FT. SOUTH OF AVE. J-8

AND
12" WATERLINE FROM 897.12 SOUTH
OF AVE. J-8 TO 1770.15 SOUTH
OF AVE J-8

PIERCE
KING
ADAMS
HILL
TALBOT

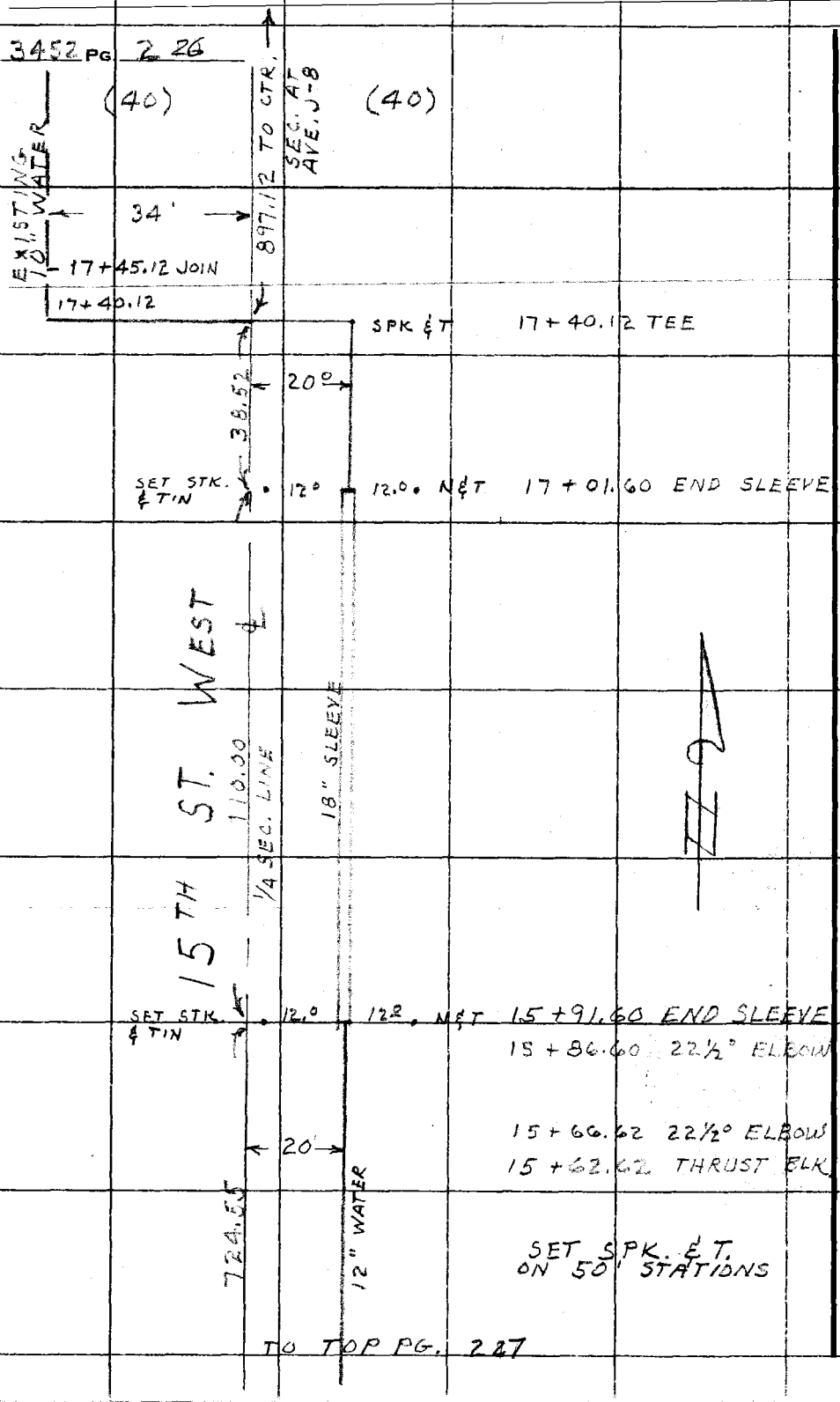
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

16F309S CE#310 3-68

F. B. 3452 PG 2 26



TO TOP PG. 227

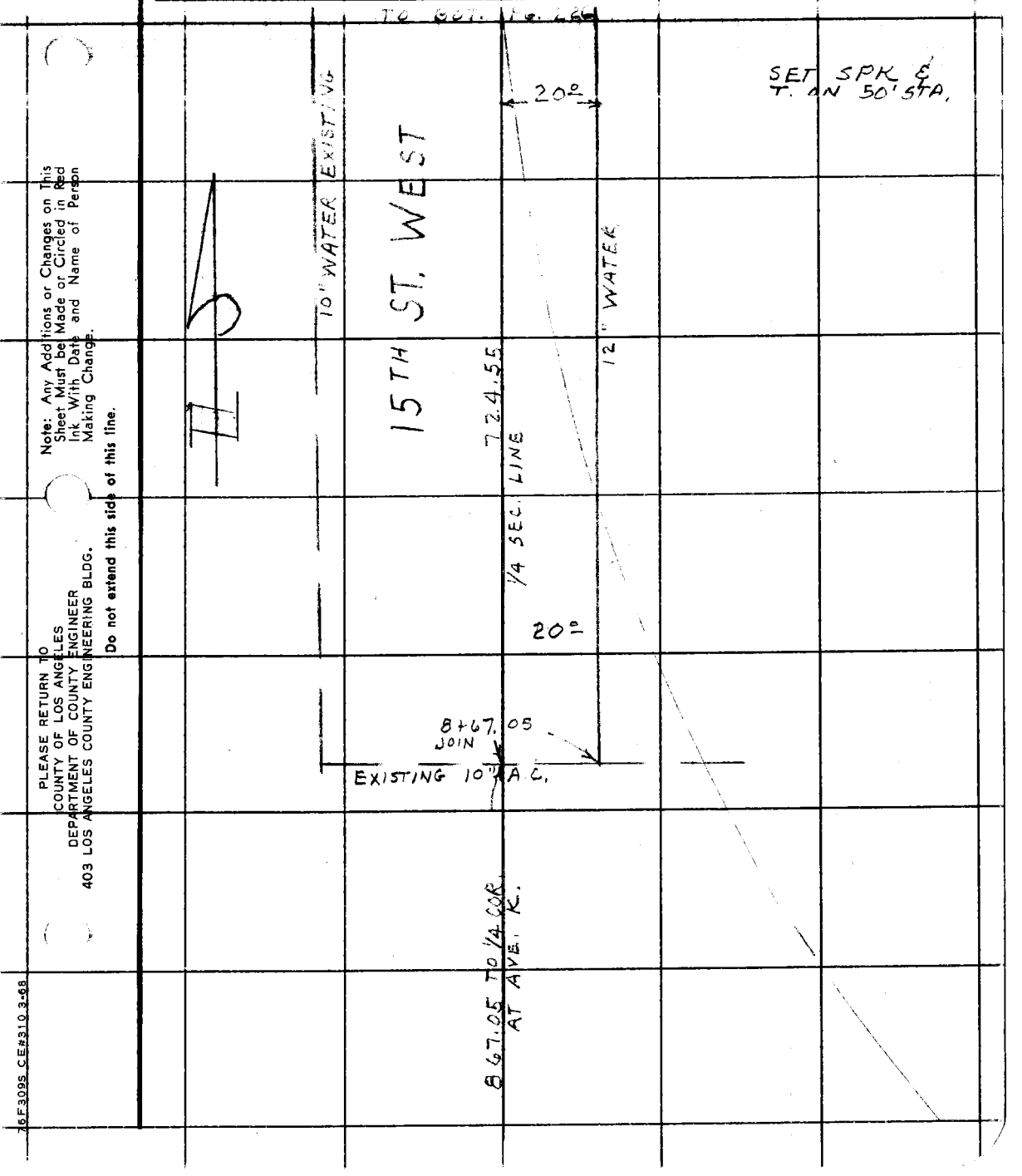
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 W. W. DIST # 4
Map No.	JN 5243 Tape 114 Std 0.1 °F
Office Work	Surveyed by J. C. PIERRE
Checked	Notes [illegible] Date [illegible]
Date	Indexed

F. B. [illegible] PG. 227



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

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

Do not extend this side of this line.

76F309S CE#310 3-68

F. B. 3452 PG 228

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.

F.B. 3453 PG. 229

Profile No. | Notes Red | Plotted | Job No. [illegible] | Division No.
Date | Date | Survey of W W DIST # 4
X-Sec. No. | Notes Chkd. | Checked | Survey by [illegible] | Notes [illegible] | Date 9-1-72
Date | Date | Map No. | Indexed | Date

JN 5243.41

WATEWORKS DISTRICT # 4

GRADE STAKES

FOR SLEEVE ON E. SIDE OF 15TH ST. WEST AND 1000'

SOUTH OF AVE J-8

PARTY
PIERCE
KING
TALBOT
ADAMS
HILL

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.

Do not extend notes this side of this line.

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

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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.				
TBM	2 43	2381 48		2379 05	TBM #		EL = 2379.05 F.B. 3474-118	
					FD A B.S. & T IN		P.P. # 1769290E	
					55'± NO. OF FENCE & 30'± W OF ℄ 15TH ST. W.			
					GRADE CUT			
17+01.60			4 57	2376 91	64.37	12.54	12' R. No.	END SLEEVE
			4 61	2376 87	64.37		CTR. 15TH ST. W.	
			4 50	2376 98			℄ DITCH	
			4 34	2377 14	64.37	12.77	12' L. No.	END SLEEVE
15+91.60			3 59	2377 89	65.33	12.56	12' R So.	" "
			3 65	2377 83	65.33		CTR. 15TH ST. W.	
							℄ DITCH	
			2 90	2378 58	65.33	13.25	12' L. So.	END SLEEVE
			11 14	2370 34			BOT. STL.	CULVERT EAST
TBM			2 28	2379 20			TBM #	EL = 2379.20

F. B. 3452 PG. 236 Job No. 52434 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of W. W. DIST # 4 Date ____ Date ____ No. ____ X-Sec. ____
Survey by PIERCE Notes KING Notes Chkd. ____ Checked ____ No. ____
Indexed ____ Date ____ Date ____ Date ____

Notes Ck'd by	Survey of W.W. DIST #1
Map No.	JN 5243.41 Tape 194 Std 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes KING Date 2-28-72
Date	Indexed

F. B. 3157 PG. 73+

JN 5243.41

AVE. K STEEL SLEEVE
CONST. AT SIERRA HWY

PARTY
PIERCE
KING
ADAMS
HILL
TALBOT

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

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

Do not extend this side of this line.

76F3095 CE#310 3-68

F. B. 3452 PG 238

DIVISION

COR. SEC. 22, 23, 26, 27,
T 7N R 12 W
FD. C.S. MON.
F.B. 2223 - 18, 71
F.B. 3123 - 237

ST

K

93.69

47+31.83

32.00

EXISTING 18" SLEEVE

TRACKS

S.P.R.R.

46+91.83

32.00

46+87.00

22.00

NOTE
SET NAIL & TIN AT
ALL PT'S. MKD. BY
RED DOT

46+79.00

24.00

10.00

46+57.00

12.00

12.00

10.00

46+52.00

22.00

HWY

SIERRA

46+00

45+87

PROPOSED 18" SLEEVE

SET SPK. & TIN
3' E. & 3' W. OF
7' SPLICE IN
SLEEVE

AVE

45+37.00

12.00

12.00

10.00

TO 1/4 COR
5TH ST W

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.

Profile No.	Notes Red	Plotted	Job No. 5243.41	Division No.	F.B. 2452	Pg. 33
	Date	Date	Survey of AVE. K. (W.W. DIST # 4)			
X-Sec. No.	Notes Chkd.	Checked	Survey by PIERCE	Notes J.C.P.	Date 9 25 72	
	Date	Date	Map No.	Indexed	Date	

J.N. 5243.41

WATER WORKS DIST. # 4

AVE. K. STEEL SLEEVE CONST.
AT
SIERRA HWY.

SEE PG. 216 FOR LOCATION

PIERCE
KING
TALBOT
HILL
ADAMS

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.

Do not extend notes this side of this line.

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

76-L298 CE 307 3-61

76-L298 CE 307 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	~~F. S.~~	ELEV.	BOT SLEEVE GRADE		
BM 101-26				2423.00		B.M. 101-26 ELEV = 2423.002	
						F.B. 2410-39 SIERRA HWY. &	
						AVE. K. S.E. COR 190± & 60' E.	
						OF ℄ INT. A CO. ENG'R. MON 2" DN.	
			CUT				
45+37.00				19.57		GUTTER	
			7.11	19.89	2412.78	SPK & T. 12'	N. W. END SLEEVE
			7.33	20.11	2412.78	" " 12'	S. " " "
46+57.00			9.12	21.90	2412.78	" " 12'	N E. " "
			9.19	21.97	2412.78	" " 12'	S " " "
46+79.00			9.77	22.55	2412.78	" " 12'	N ℄ SLEEVE PROD.
			9.91	22.69	2412.78	" " 12'	S " " "
46+91.83			7.12	22.85	2415.73	W. END EXIST. SLEEVE (BOT.	
47+31.83			7.12	22.85	2415.73	E. " " " (BOT)	

F.B. 3452 PG. 239 Job No. 5243.41 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of W. W. DIST # 4 Date ____ Date ____ No. ____
Survey by PIERCE Notes PIERCE Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of W. W. DIST #4
Map No.	JN 5043.41 Tape Std 68 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes PIERCE Date 10-20-72
Date	Indexed

F. B. 2452 Pg. 235

J. N. 5043.41

WATERWORKS DISTRICT # 4

CONSTRUCTION STAKES
FOR
12" WATER LINE IN DIVISION ST. FROM AVE. J. TO 170 FT SOUTH OF LANCASTER BLVD.

PIERCE
KING
TALBOT
ADAMS
HILL

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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309s CE#310 3-69

TO BOT PG. 237

F. B. 3452 PG. 236

SET SPK. & TIN
5' OFFSET LEFT
(WEST) ON 50 FT.
STATIONS

DIVISION ST.

℄ SEC. LINE

12" WATER MAIN

14.0

10 + 22.00
TEE

EXISTING 12" WATER MAIN

22.0

AVE.

J.

10 + 00.00 TO N.
C. E. MON. IN H.H.

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

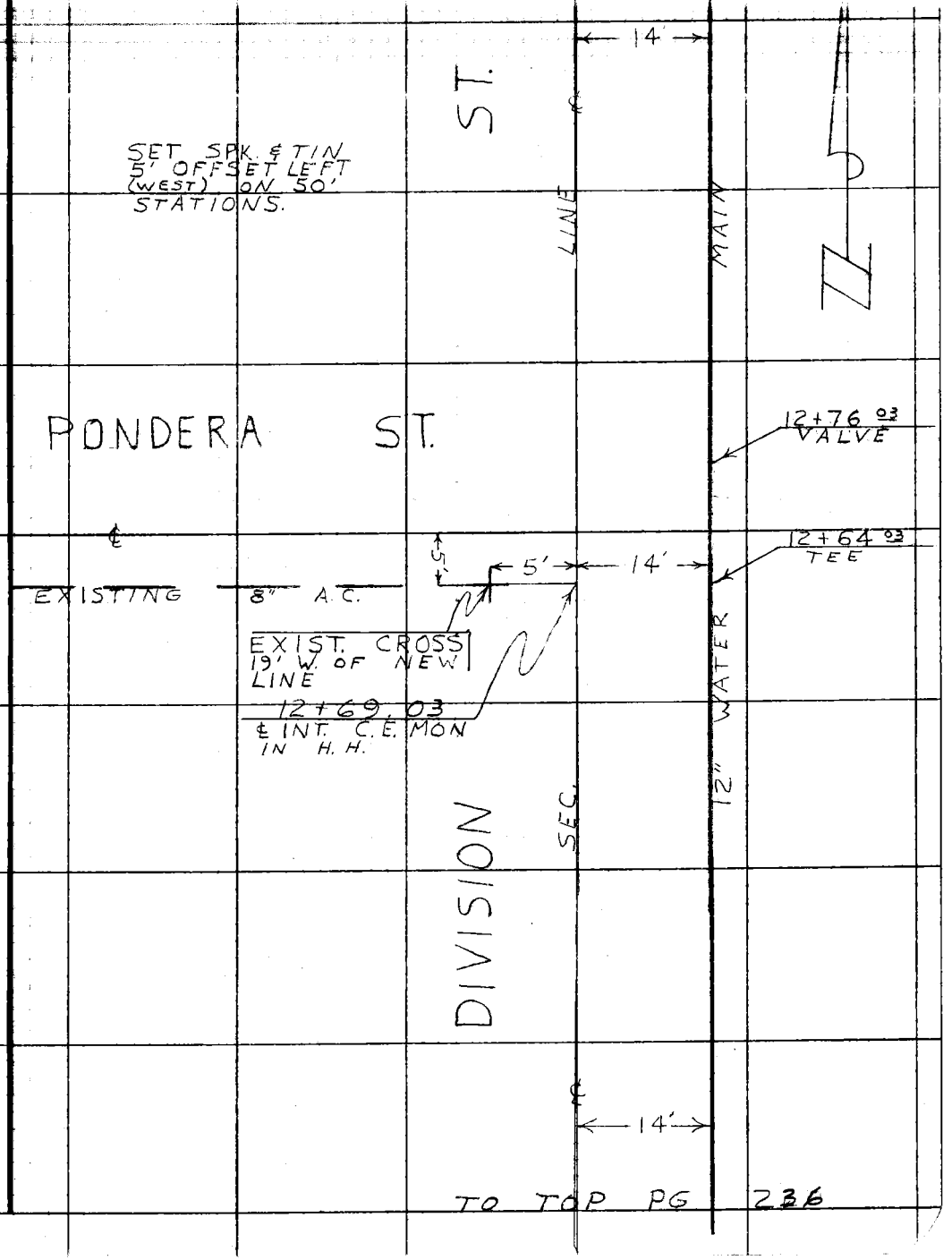
Do not extend this side of this line.

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 [illegible] DIST #1
Map No.	IN 5043.4 Tape Std 60 °F
Office Work	Surveyed by [illegible]
Checked	Notes KING Date 10-20-72
Date	Indexed

F. B. [illegible] PG. 237

TO BOT PG 238



TO TOP PG 236

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

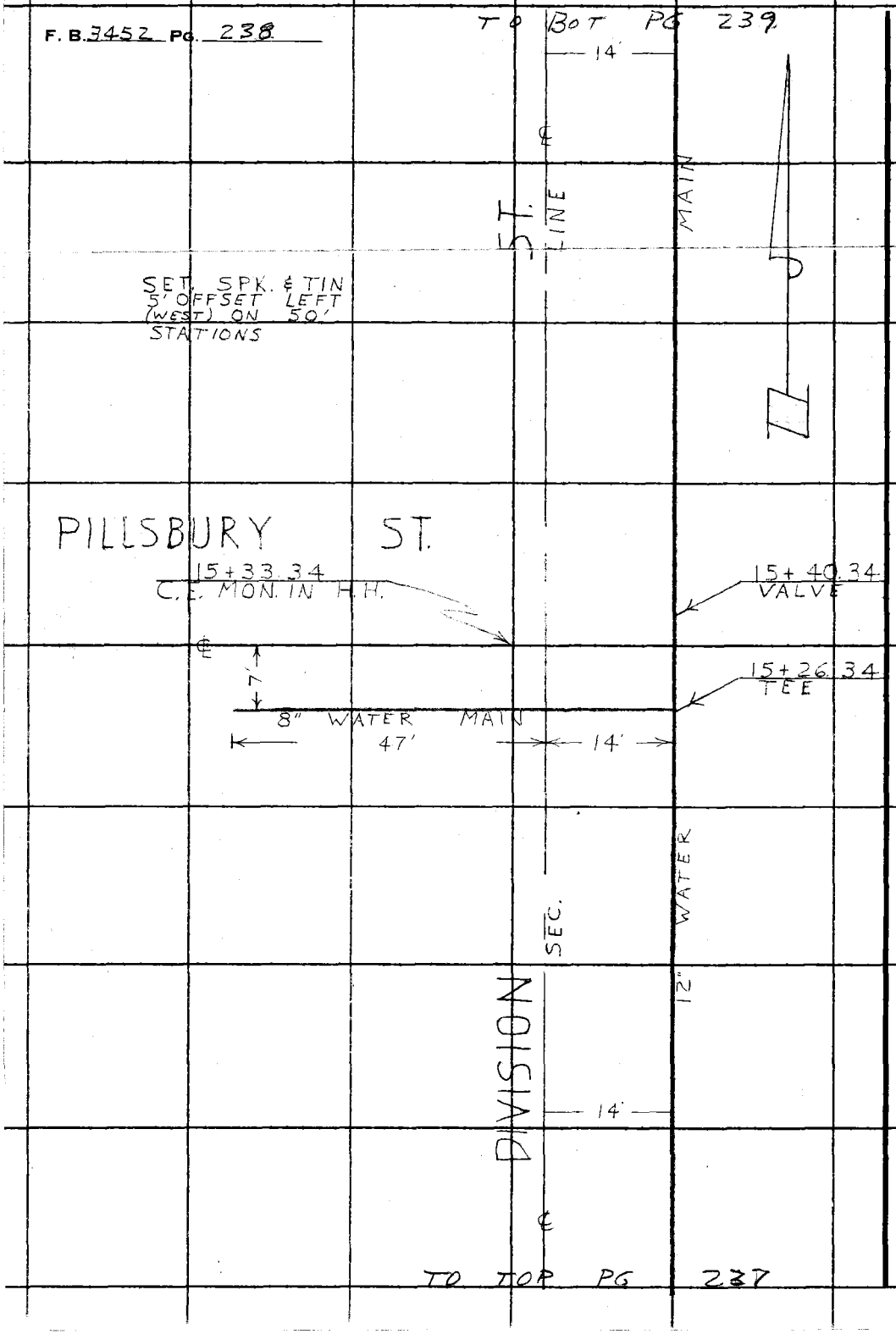
Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3452 PG. 238

TO BOT PG 239



TO TOP PG 237

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

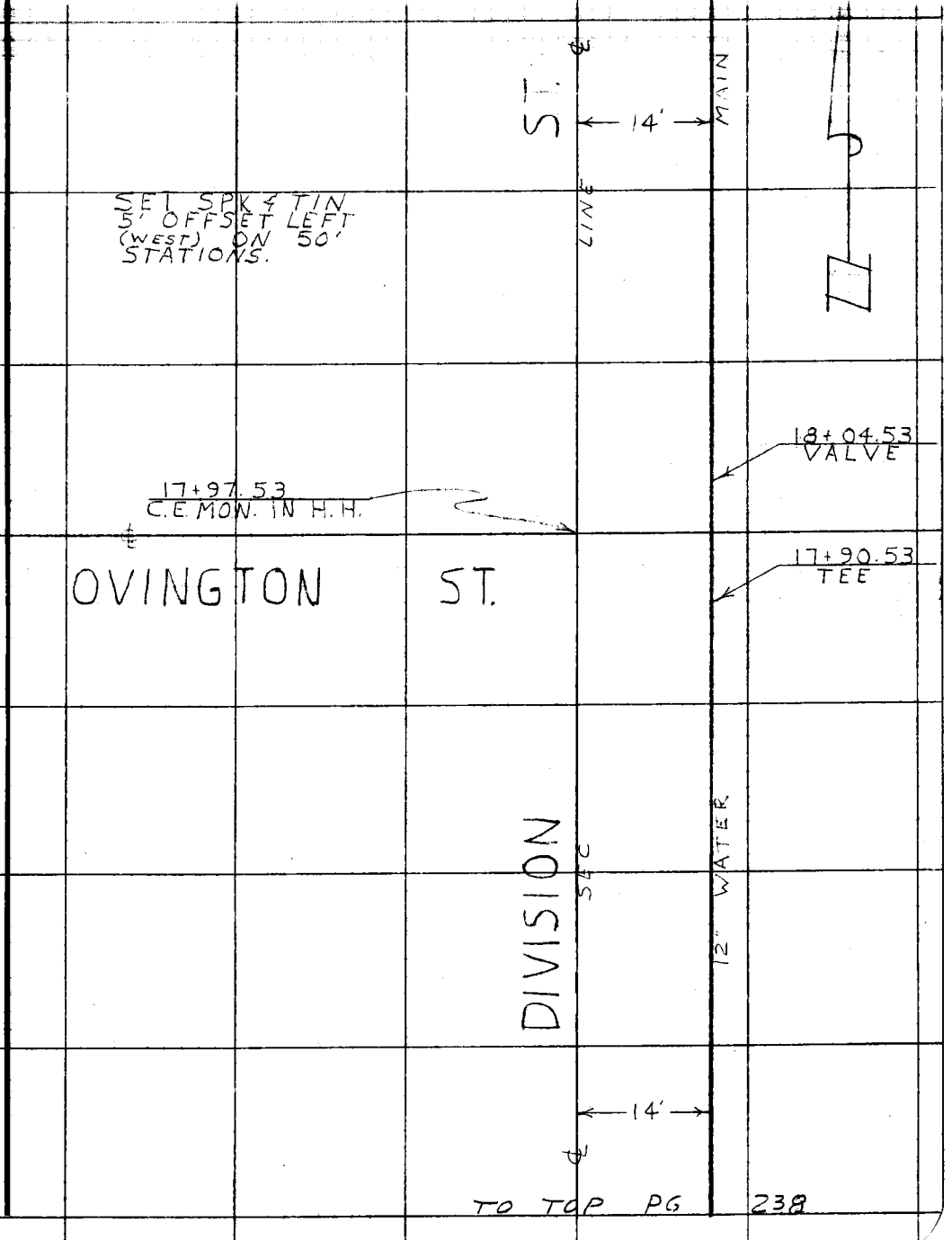
Do not extend this side of this line.

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
Map No.	IN 5043.41 Tape Std 60 °F
Office Work	Surveyed by [illegible]
Checked	Notes KING Date 10-24-72
Date	Indexed

F. B. 3452 PG. 229

To Bot 240



TO TOP PG 238

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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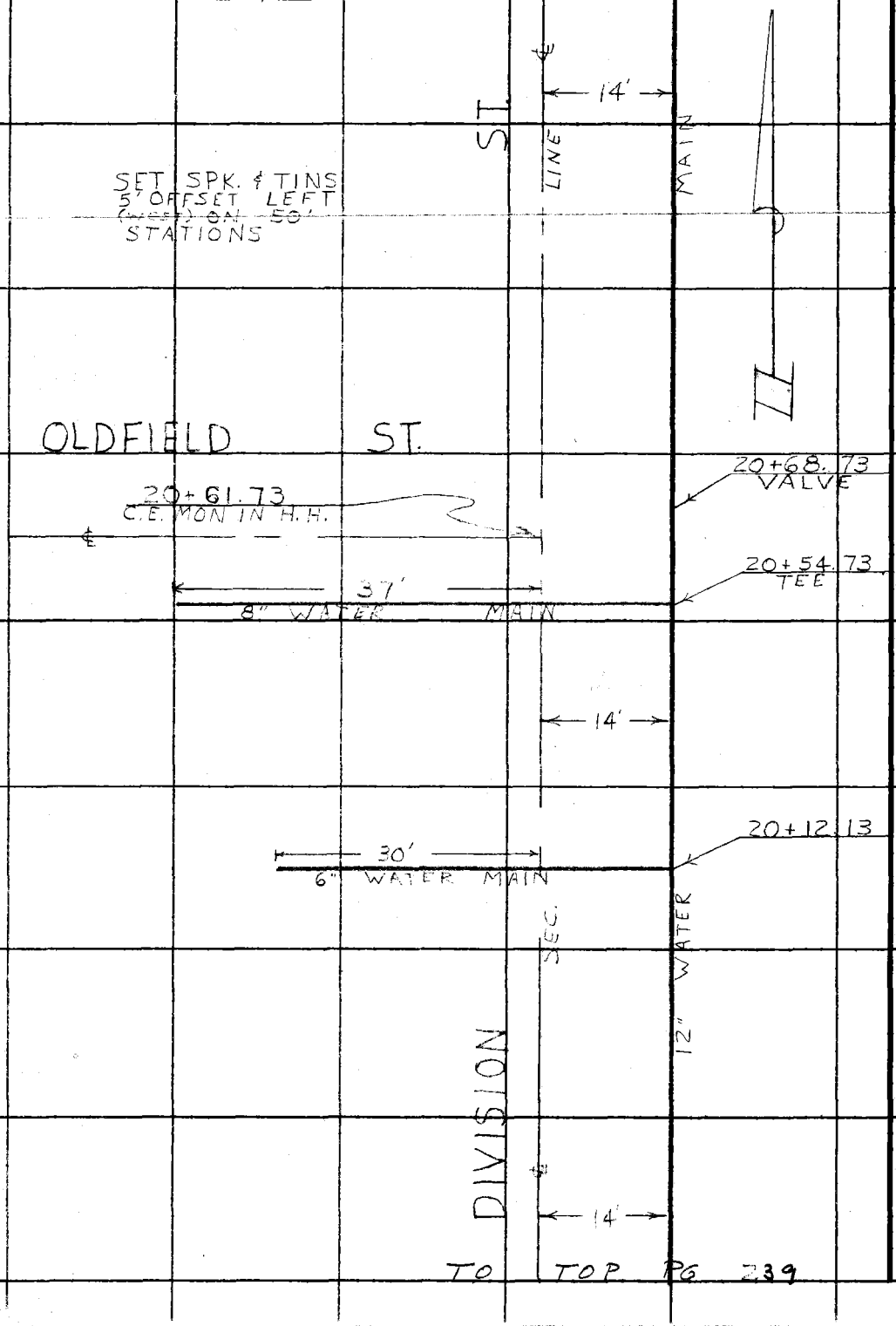
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-69

F. B. 3452 Pg. 240

TO BOT PG 241



TO TOP PG 239

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

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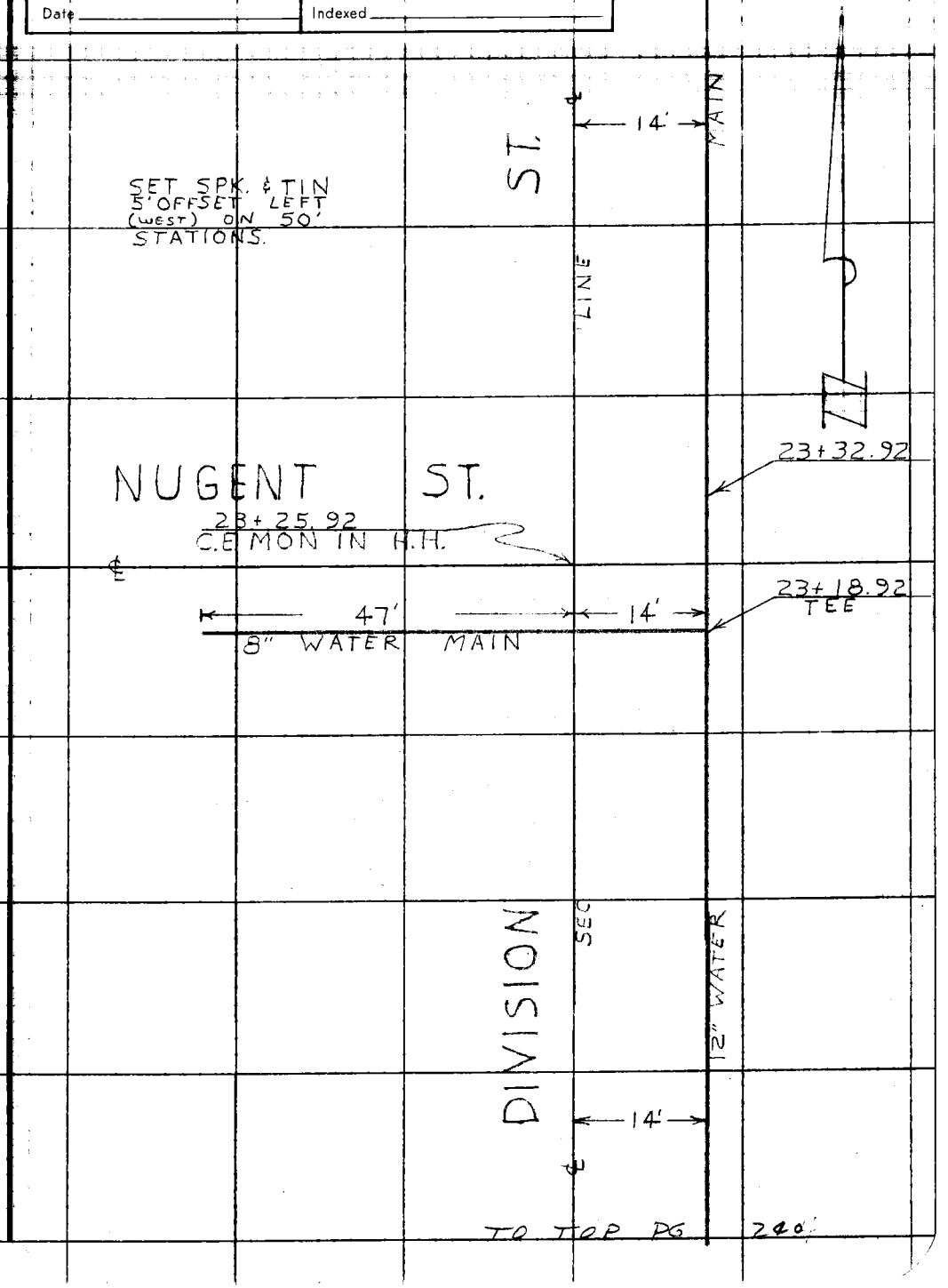
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible] #4
Map No.	JN 504341 Tape Std 68 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes KING Date 10-24-72
Date	Indexed

F. B. 3452 PG. 241

TO BOT PG 242



TO TOP PG 240

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 3-69

F. B. 3452 Pg. 242

TO BOT PG 243

SET SPK & TIN
5' OFFSET LEFT
(WEST) ON 50'
STATIONS

14'

℄

ST.

LINE

NORBERRY ST.

25+90.14
C.E. MON IN H.H.

℄

25+83.14
VALVE

25+71.14
TEE

6" WATER MAIN

13'

SEC

DIVISION

24+58.14
TEE

13'

10" WATER MAIN

℄

14'

TO TOP PG 241

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

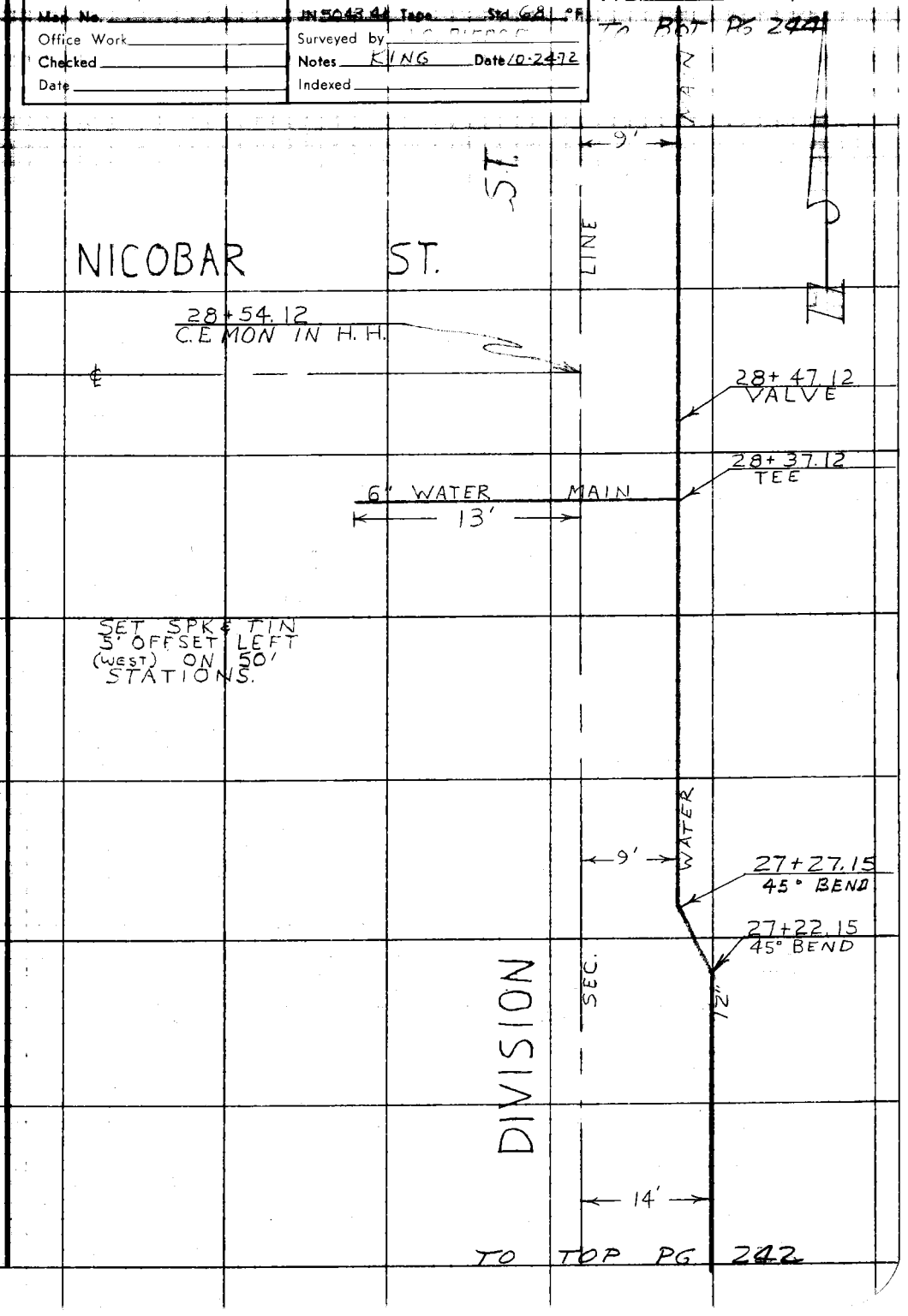
Do not extend this side of this line.

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 [illegible] #4
Map No.	IN 5043.44 Tape Std. 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes KING Date 10-2472
Date	Indexed

F. B. [illegible] Pg. 243

To Bot Pg 244



TO TOP PG 242

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.

16F309S CE#310 3-69

F. B. 3452 Pg. 244

34+78.22
VALVE
34+71.72
TEE

10" WATER MAIN
22'

9'

SET SPK. & TIN
5' OFFSET LEFT
(WEST) ON 50'
STATIONS

DIVISION ST.

SEC LINE

MAIN

12" WATER

NEWGROVE ST

30+13.41
C.E. MON IN H.H.

30+13.41
VALVE

30+06.41
TEE

8" WATER MAIN
13'

9'

TO TOP PG 243

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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.

F. B. 3452 PG. 245

Profile No. | Notes Red | Plotted | Job No. | Division No.
Date | Date | Survey of W.W. DIST #4
X-Sec. No. | Notes Chk'd. | Checked | Survey by | Notes | Date
Date | Date | Map No. | Indexed M. PALMER | Date JAN 2 1979

WATERWORKS DIST #4

CROSS SECTIONS
ON AVE J

FROM: 23RD ST. W
TO: 25TH ST. W.

MENDONCA
ALBRIGHT
RITTER
BITTEL

STATION	B. S.	H. I.	F. S.	ELEV.	
					NOTE: FOR RELOCATION OF 24" CORR. IRON CULVERT & CROSS SECTIONS AT INT. OF AVE J & 25TH ST. W. SEE F.B. 3452 PGS. 160 & 174

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

PLEASE RETURN TO
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408 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.		
FD. B.M.#NC1352				2340.09	B.M.#NC1352 ADJ. EL.= 2340.087 F.B. 3452-168 AT INT. OF AVE J & 25TH ST. W., 50' NORTH & 50' EAST OF ℄ INT. A 2" I.P. WITH CEM. PL. & C.E. TAG, 4" UP (WEST EDGE)	
0+00				2340.26	℄	
				40.23	21° R EDGE PAVE	
				38.9	35° R FLOW LINE	
				39.9	47° R TOP BRK	
				39.2	50° R	
				39.63	30² L GUTTER	
				40.27	30² L TOP CURB	
				40.91	42² L TOP "	
				40.29	42² L GUTTER	
				40.44	70² L "	
				41.07	70² L TOP CURB	
0+50				40.10	℄	
				39.59	30² L GUTTER	
				40.26	30² L TOP CURB	
				40.87	42² L " "	
				40.25	42² L GUTTER	
				2340.32	70² L "	

F. B. 3452 PG. 246 Job No. 504359 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #4 Date Date No.
Survey by MENDONCA Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMER Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
0+50				2340.95	70² L TOP CURB
1+00				40.02	℄ (℄ INT. OF AVE J & 23RD ST. W)
				39.98	16° R EDGE PAVE
				38.7	31° R FLOW LINE
				40.3	42° R TOP BRK
				39.1	50° R
				39.56	30² L GUTTER
				40.22	30² L TOP CURB
				40.82	42² L " "
				40.16	42² L GUTTER
				40.40	70² L CROSS GUTTER
1+50				39.99	℄
				39.55	30² L GUTTER
				40.17	30² L TOP CURB
				40.68	42² L " "
				40.06	42² L GUTTER
				40.02	70² L "
				40.62	70² L TOP CURB
2+00				39.98	℄
				39.80	12° R EDGE PAVE
				2338.2	26° R FLOW LINE

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed M. PALMERI Date JAN 2 1973

F. B. [illegible] PG. [illegible]

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
2+00				2339.2	40° R TOP BRK	
				39.1	50° R	
				39.52	30° L GUTTER	
				40.15	30° L TOP CURB	
				40.61	43° L " "	
				39.98	43° L GUTTER	
				40.06	70° L "	
				40.70	70° L TOP CURB	
2+50				40.02	℄	
				39.67	25° L EDGE PAVE	
				39.4	30° L FLOW LINE	
				40.2	36° L TOP BRK	
				39.8	50° L DRAIN	
3+00				39.84	℄	
				39.72	13° R EDGE PAVE	
				38.4	26° R FLOW LINE	
				39.9	40° R TOP BRK	
				38.9	50° R	
				39.59	21° L EDGE PAVE	
				39.3	30° L FLOW LINE	
				2340.2	37° L TOP BRK	

F. B. 3452 Pg. 248 Job No. 504259 Division No. Notes Red Date Plotted Date Profile No.
Survey of W.W. DIST. # 4 Notes Chk'd. Date Checked Date X-Sec. No.
Survey by MENDONCA Notes ALBRIGHT Date
Indexed J. M. PALMERI

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+00				2339.0	50° L DRAIN	
4+00				39.32	℄	
				39.06	12° R EDGE PAVE	
				38.2	25° R FLOW LINE	
				39.2	41° R TOP BRK	
				38.7	50° R	
				39.35	17° L EDGE PAVE	
				38.9	25° L FLOW LINE	
				39.9	36° L TOP BRK	
				39.1	50° L	
4+50				39.46	℄	
				39.19	12° R EDGE PAVE	
				38.9	25° R FLOW LINE	
				39.2	27° R TOP BRK	
				38.5	50° R	
				39.58	14° L EDGE PAVE	
				39.1	25° L FLOW LINE	
				39.7	35° L TOP BRK	
				39.3	50° L	
5+00				39.96	℄	
				2339.68	13° R EDGE PAVE	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMERI Date JAN 2 1973

F. B. 2452 PG. [illegible]

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
5+00				2338.4	26° R FLOW LINE	
				39.3	38° R TOP BRK	
				38.6	50° R	
				39.94	12° L EDGE PAVE	
				39.1	27° L FLOW LINE	
				40.2	37° L TOP BRK	
				39.6	50° L	
6+00				40.04	℄	
				39.75	13° R EDGE PAVE	
				38.4	25° R FLOW LINE	
				39.4	35° R TOP BRK	
				38.9	50° R	
				39.80	12° L EDGE PAVE	
				38.7	27° L FLOW LINE	
				39.9	32° L TOP BRK	
				39.0	50° L	
7+00				40.06	℄	
				39.88	13° R EDGE PAVE	
				38.2	26° R FLOW LINE	
				39.8	35° R TOP BRK	
				2339.2	50° R	

F. B. 3452 Pg. 250 Job No. 5043.59 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #4 Date Date No.
Survey by MENDONCA Notes AL BRIGHT Notes Chk'd. Checked X-Sec.
Indexed J. M. PALMERI Date Date No.

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+00				2339.83	12° L EDGE PAVE	
				38.7	28° L FLOW LINE	
				40.9	34° L TOP BRK	
				40.4	50° L	
8+00				40.24	℄	
				39.97	13° R EDGE PAVE	
				38.8	25° R FLOW LINE	
				40.7	35° R TOP BRK	
				39.8	50° R	
				40.10	12° L EDGE PAVE	
				38.3	30° L FLOW LINE	
				40.9	40° L TOP BRK	
				40.2	50° L	
FD. B.M.# NC 1351				2338.57	BM# NC 1351 ADJ. EL=2338.538 F.B. 3452-[illegible] AT ℄ INT. OF AVE J & 25th ST. W. A C.S. [illegible] IN H.H. (NORTH EDGE BRASS CAP)	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMERI Date JAN 2 1973

F. B. [illegible] PG. [illegible]

F. B. 3452 PG. 452

Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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76-L-298 CE 307 5-66

F. B. [illegible] PG. [illegible]

Profile No. ____ Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
Date ____ Date ____ Survey of W W #4 AVE J & 20TH ST E

X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUN 29 1973

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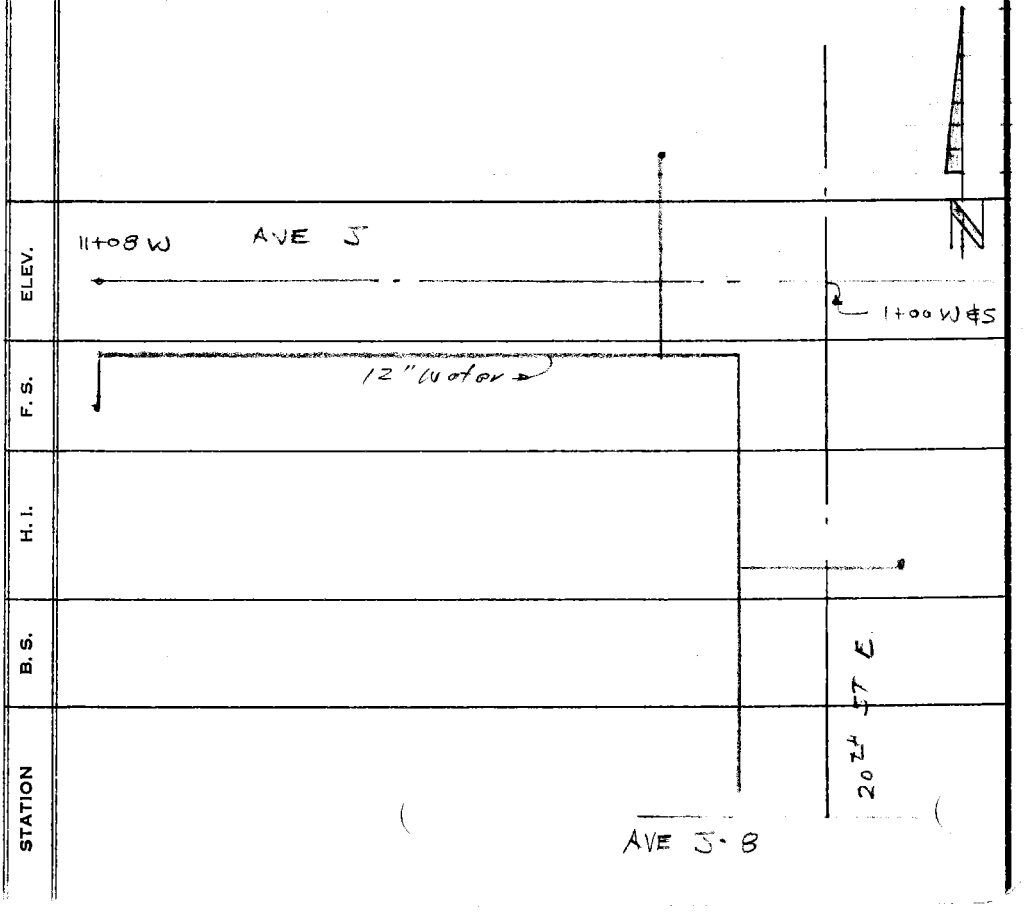
WATER WORKS #4
JN 5012.46

AVE. J (17TH ST E TO 20TH ST E)
20TH ST E (AVE J TO AVE J-8)
10TH ST E (LANCASTER BLVD to AVE I)



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. STK. LINE	LENKER	ROD USED		AVE "J"
TBM "CHURCH				2397 31	Elev W.L.	CUT to bot of trench	T.B.M. "CHURCH" Elev.= 2397.31 (FB 3452-123) Fd spk W&T on ℄ of AVE. "J", 1000.00' W of int of AVE J & 20TH STE	
11+08				96.93	97.11	5.12		
11+00				96 83	97.10	5.03		
10+00				99 76	96.87	8.19		
9+00				99 21	96.74	7.77		
8+00				98.87	96.55	7.62		
7+00				98 65	96.24	7.71		
6+00				98 25	95.86	7.69		
5+00				97.69	95.37	7.62		
4+00				96.87	95.10	7.07		
3+00				97 09	94.81	7.58		
2+00				97 18	94.72	7.76		
1+77 F.H.				96 76	94.61	7.45		
BM 105-14				2393 62			BM 105-14 Elev.= 2393.615 (1967 ADJ) ℄ int AVE J & 20TH STE Sec. Cor Per FB 3452-120	

+ 5.30 to bot. trench

F. B. 3452 PG. 254
Job No. 2043.46 Division No. Notes Red Plotted Profile
Survey of WW#4 on AVE J 20TH STE Date 4/16/73 Date No.
Survey by Voge Notes Voge Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date JUN 29 1973 Date No.

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV. STK. LINE	Elev. W.L.	CUT	LENKER ROD	USED 20th ST. E
1+18 S on W.L. Prod.				2394.68	2394.52	5.46		
2+00				96.44	94.86	6.88		
3+00				96.52	95.67	6.15		
4+00				97.07	96.22	6.15		
5+00				97.70	96.55	6.45		
6+00				98.07	96.86	6.51		
7+00				98.51	97.40	6.41		
8+00				99.23	98.06	6.24		
9+00				99.41	98.47	6.24		
10+00				240035	99.10	6.55		
11+00				1.24	99.91	6.63		
12+00				1.75	0.59	6.46		
13+00				2.46	1.29	6.47	+5.30	
13+69 F.H.				2.87	1.76	6.41		
14+00				3.12	1.97	6.45		
15+00				3.30	2.37	6.23		
16+00				3.42	2.89	5.83		
17+00				4.11	3.55	5.86		
18+00				4.46	4.15	5.61		
19+00				5.04	4.79	5.55		

Profile No. ____ Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
Date ____ Date ____ Survey of W/W #4 on 20th ST E 1st AVE J
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUN 29 1973

F. B. [illegible] PG. [illegible]

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. STK. LINE	Elev. W.L.	CUT	LENKER ROD	USED 20TH ST. E.
20+00				2406.25	2405.60	5.95		
21+00				6.65	6.30	5.65		
22+00				6.73	6.80	5.23		
23+00				7.45	7.29	5.46		
24+00				7.52	7.79	5.03		
25+00				8.24	8.27	5.27		
26+00				8.91	8.81	5.40		
27+00				10.30	9.70	5.90		
27+56				10.92	10.41	5.81		
BM 105-13				2409.70			BM 105-13	Elev = 2409.683
							1/4 Cor. @ Int. of 20th ST. E	
							& Ave J-8, per FB 3452-106.	

F. B. 3452 PG. 256

Job No. 5043.40 Division No. Notes Red Plotted Profile

Survey of WW #4 on 20th ST. E AVES J-8 Date 4/16/73 Date No. X-Sec.

Survey by W.J. Voge Notes Voge Notes Chk'd. Checked No.

Indexed G. D. BAILEY Date JUN 29 1973 Date Date

76-L-298 CE 307 5-66

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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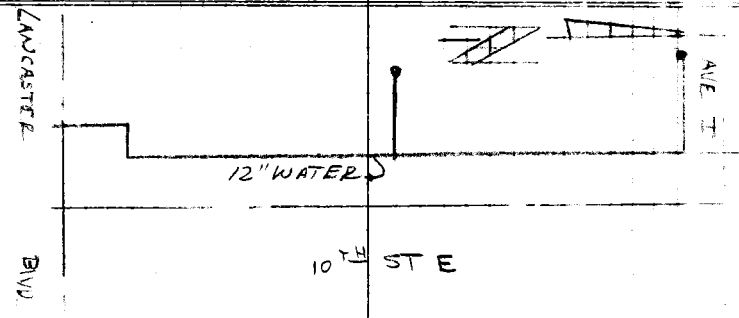
Do not extend notes this side of this line.

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



				ELEV. STK. LINE	ELEV. W.L.	CUT	LENKER ROD USED 10TH ST E
TBM I-8 -10E				2380.15			TBM I8-10E Elev. = 2380.13 FB3-52-80
0+97				80 15	80.19	5.26	Lancaster BL & 10TH ST. E, S.W. C R, 2' W
1+22.5				79 67	80.07	4.90	W end of Curb ret, a Rd Dept B 1
1+35 W				79 44	79.90	4.84	Nail in leed in top of Curb
1+35 E				80 31	80.16	5.45	
2+00				78 41	78.90	4.81	
3+00				77 65	79.05	4.90	
4+00				76 70	77.10	4.90	
5+00				75 97	76.30	4.97	+5.30
6+00				75 04	75.55	4.79	
7+00				73 94	74.55	4.69	
8+ 00				73 27	73.80	4.77	
9+ 00				72 47	73.00	4.77	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of WW #4 on 10TH ST E 2 to I 8
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Map No. ____ Date ____ Date ____ Indexed G. D. BAILEY Date JUN 29 1973

F. B. 21 52 PG. 5-67

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV. STK LINE	ELEV. W.C	CUT	LENKER ROD USED. 20th ST. E.
10+00				2371.89	72.40	4.79	
11+00				71.23	71.75	4.78	
12+00				70.47	70.95	4.82	
13+00				69.73	70.25	4.78	
14+00				69.15	69.60	4.85	
14+93.46" T	F.H.			68.52	69.00	4.82	
16+00				67.94	68.35	4.89	
17+00				67.35	67.70	4.95	
18+00				66.63	66.95	4.98	
19+00				65.78	66.10	4.98	F.30
20+00				65.13	65.50	4.93	
21+00				64.59	64.85	5.04	
22+00				63.79	64.20	4.89	
23+00				63.15	63.50	4.95	
24+00				62.17	62.70	4.77	
25+00				61.63	62.15	4.78	
26+00				61.37	61.60	5.07	
27+09.80" T	F.H.			60.91	60.95	5.26	
27+96.13				60.75	60.85	5.20	
BM 105-19A				2361.10	BM 105-19A FB 3452-90 E/A = 2361.099 (1967 ADJ) AVE I & 10th ST E S.W. COR. 13' W of W end curb return & 1.5 c 4.65 brass disc in curb MKd Y499 1961 RE-SET		

F. B. 3452 Pg. 253

Survey of W.W. #4 on 10th ST E Job No. 5243.46 Division No. I & I-3 Profile Plotted Notes Rec'd Date 4/16/73 No.

Survey by W. Voge Notes Voge Date JUN 25 1973 Date X-Sec. Checked Notes Chk'd Date No.

Indexed G. D. BAILEY

Notes Ck'd by	Survey of TANK SITE 7th & AVE M	F. B. 3452 Pg. 259
Map No.	JN 5043.62 Tape 1.94 Std. .04 °F	
Office Work	Surveyed by J. PIERCE	
Checked	Notes K.K. Date 3-14-73	
Date	Indexed G. D. BAILEY JUN 8 1973	

JN 5043.62

CONST. STKNG FOR
TANK SITE AT 7TH
ST. W. & AVE M

PARTY
PIERCE
KING
ADAMS
TALBOT
CROWE

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DEPARTMENT OF COUNTY ENGINEER
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6F309s CE#310 3-69

F. B. 3452 PG. 260

N.W. COR WATER
LOT F.D. CEMON
PER F.B. 3137-182

PROPERTY

NOTHING SET 8.38

77.00

77.00

77.00

77.00

77.00

77.00

77.00

73.50

45°

90° 00' 00"

340.00

LINE

S.W. COR WATER
LOT F.D. C.E. MON
PER F.B. 3137-182

50.00

℄

℄

AVE

M

NOTE
ALL RED DOTS
REPRESENT 1X1
STKS & TINS SET
5' OFF BLACKTOP
HEADER EXCEPT
STHLY STK IS
1.5' OFF

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F. B. 2452 PG. 261

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of TANK SITE 7TH ST W & AVE M
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUN 29 1973

SUB GRADE FOR
TANK SITE AT 7TH
ST W & AVE M

PARTY
PIERCE
KING
ADAMS
TALBOT
CROWE

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.				
BM # 3				2519 29	BM # 3 EL = 2519.29 F.B. 3452 - 192 AVE M & 10TH ST. W. 990' E & 660' N. ℄ INT FD CS MON @ N.E. COR WATER LOT			
					GRADE	CUT		
NTHLY STK				2518 74	2517.00	C-1.74	1X1 STK & TIN SET 5' OFF HDR.	
N.ESTLY "				19 62	"	C-2.62	"	" "
ESTLY "				20 55	"	C-3.55	"	" "
S.ESTLY "				20 67	"	C-3.67	"	" "
STHLY "				20 95	"	C-3.95	P.K. & TIN SET 1.5' OFF HDR.	
S.WSTLY "				19 13	"	C-2.13	1X1 STK & TIN SET 5' OFF HDR.	
WSTLY "				18 19	"	C-1.19	"	" "
N.WSTLY "				18 49	"	C-1.49	"	" "
CTR TANK				19 45	"	C-2.45	1X1 STK & TIN	
BM # 3				2519 29				

F. B. 3452 PG. 262

Job No. 3452-62 Division No. Notes Red Plotted Profile

Survey of TANK SITE AT 7TH ST W. & AVE M Date Date No. X-Sec.

Survey by J.C. PIERCE Notes K.K. Notes Chk'd. Checked No.

Indexed G. D. BAILEY Date JUN 29 1973 Date Date

F. B. 2452 PG. 263

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of W.W. DIST #4
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUN 29 1973

J.N. 5045.62

WATER WORKS DIST #4

AVE M & 7TH ST. W
BLOCK WALL EXTENSION

ALBRIGHT
HILL
FINBERG
TALBOT

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	BOT. FOOTING GRADE	CUT	
ED B.M. #5				2518.99			B.M. #5 ELEV 2518.992 F.B. 3137-232 AVE M, 900'± E. ℄ 10TH ST. W. & 315'± N OF ℄ AVE M-A B.M. NAIL IN S.W. COR. CONC. BASE TO WELL, 20'± E. OF W. P/L OF WATER LOT
		WEST WALL					
3+40.5 JOIN				18.94	2516.43	2.51	SET 1"X1" & NAIL & TIN 3' W OF W. FACE OF WALL
3+80.5				18.32	"	1.89	
4+20.5				17.88	"	1.45	
4+32.5 END				17.63	"	1.20	
		EAST WALL					
3+39.5 JOIN				20.35	2519.18	3.17	SET 1"X1" & NAIL & TIN 3' E OF E. FACE OF WALL
3+79.5 SOUTH				20.88	"	1.67	
3+79.5 NORTH				20.85	2518.51	2.34	
4+19.5				20.33	"	1.82	
4+61.5 END				20.16	"	1.65	
ED B.M. #3							B.M. #3 ELEV. 2519.29 F.B. 3452-[illegible] AVE M & 10TH ST. W. 990' E & 660' N. ℄ INT. C.E. MON. @ N.E. COR. WATER LOT.

F. B. 3452 PG. 264

Job No. 5043.02 Division No. Notes Red Plotted Profile
Survey of W.W. DIST # 4 Date Date No.
Survey by ALBRIGHT Notes ALBRIGHT Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date JUN 29 1973 Date Date No.

F. B. [illegible] PG. [illegible]

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 TANK SITE M-7

Survey by ____ Notes ____ Date ____

Map No. ____ Indexed ____ Date ____

JN 5[illegible]

4 SHOTS ON TANK FLOOR
TO CHECK FOR SETTLING

PARTY
KING
TALBOT
ADAMS
FIELDMAN

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. 3452 PG. 266 | Job No. 5043.62 Division No. Notes Red Plotted Profile No.
Survey of W.W. DIST #4 TANK SITE M-7 Date Date X-Sec. No.
Survey by K. KING Notes K.K. Notes Chk'd. Checked
Indexed Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	M-7 TANK	SITE
BM # 3				2519.29	BM#3 EL=2519.29 AVE M & 10TH ST. W. 990' E & 660' No. OF & INT. FD C.E. MON @ N.E. COR WATER LOT.	F.B. 3452-192
NORTH				2519.89	SET A CHIS "+" IN OUTER RING.	
WEST			9.92	251.995	" "	" "
EAST			9.83	251.987	" "	" "
SOUTH			9.86	2519.90	" "	" "

Notes Ck'd by	Survey of
Map No.	JN 5043.41 Tape Std 84 °F
Office Work	Surveyed by
Checked	Notes K K Date 12-20-72
Date	Indexed

F. B. 345 Pg. 267

JN 5043.41

18" SLEEVE

ON

15TH ST. WEST

WEST SIDE OF 15TH ST. W.

W. W. #4

PARTY
PIERCE
KING
TALBOT
HILL
ADAMS

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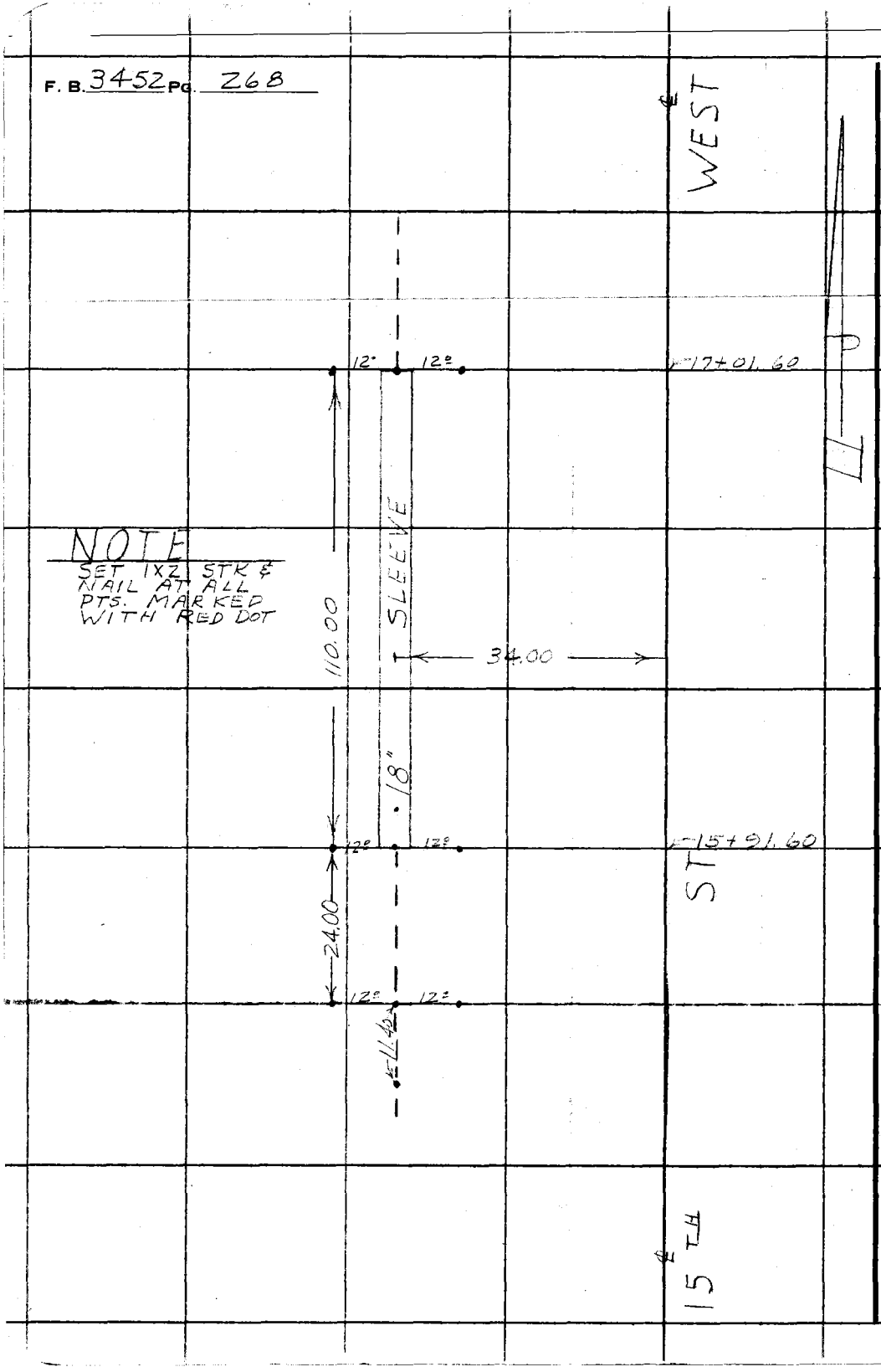
76F309s CE#310 3-69

F. B. 3452 PG. 268



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F. B. [illegible] PG. [illegible]

Profile No. ____ Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
Date ____ Date ____ Survey of W.W. DIST #4

X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

JN [illegible] 41
GRADE FOR 18"
JACKING SLEEVE
WEST SIDE OF 15TH ST. W.
W.W. #4

PARTY
PIERCE
KING
TALBOT
HILL
ADAMS

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.				
TBM				2379.05	TBM EL= 2379.05 F.B. 3474-118 A BT. SPK. & T. IN FP # 1769290 E 55'± N. OF FENCE ACROSS AMARGOSA CRK. 30'± W. OF ℄ 15TH ST. W.			
					GRADE	CUT	SET	1X2 STK & NAIL
℄ No. END SLEEVE				77 19	64.07	13.12		"
12'L " "		"		77 40	64.07	13.33		"
12'R " "		"		76 86	64.07	12.79		"
℄ So. END SLEEVE				78 34	65 03	13.31		"
12'L " "		"		78 40	65.03	13.37		"
12'R " "		"		77 73	65.03	12.70		"
℄ So. END JACK PIT				78 57	65 24	13.33		"
12'L " "		"	"	78 89	65.24	13.65		"
12'R " "		"	"	77 98	65.24	12.74		"

F. B. 3452 PG. 270
Job No. 5[illegible] Division No. Notes Red Plotted Profile
Survey of W. W. DIST # 4 Date No.
Survey by J.C. PIERCE Notes K.R. Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

Notes Ck'd by J. G. RANDALL	Survey of WW#4	F. B. 2452 PG. 271
Map No.	JN 5043.97 Topo 194 Sta 84 of	
Office Work	Surveyed by W S Voge	
Checked	Notes Voge Date 8/13/73	
Date	Indexed G. D. BAILEY AUG 1 5 1973	

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WW DIST #4 - WELL SITE #37

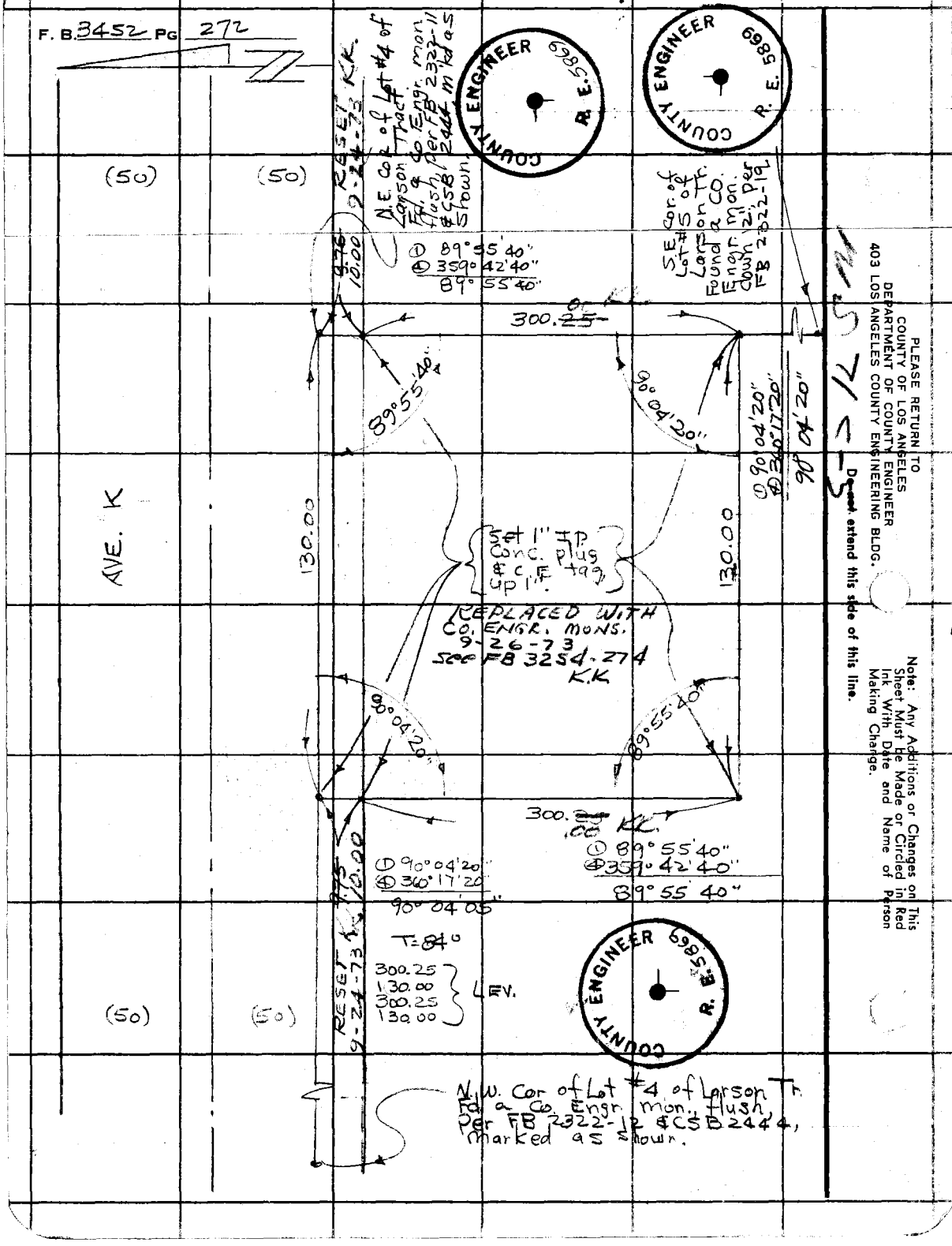
J.N. 5043.97

AVE K & 35TH ST WEST

REFERENCES USED: FB 2322
CSB 2444

PARTY: VOGE
KING
ADAMS
FIELDEN
FINBERG

76F309S CE#310 3-69


F. B. 3452 PG 272
COUNTY ENGINEER R. E. 5869
(50)
(50)
RESET KK. 9-24-73
N.E. Cor of Lot #4 of Larson Tract Fd. a Co. Engr. mon. flush, per FB 2322-11 & CSB 2444 m'kd as shown.
① 89°55'40"
④ 359°42'40"
89°55'40"
SE Cor. of Lot #5 of Larson Tr. Found a Co. Engr. mon. Cown 12", per FB 2322-19
300.25 or KK
89°55'40"
90°04'20"
① 90°04'20"
④ 360°17'20"
90°04'20"
AVE. K
130.00
130.00
Set 1" I.P. Conc. plug & C.E. tag up 1".
REPLACED WITH CO. ENGR. MONS. 9-26-73 See FB 3254-274 K.K.
90°04'20"
89°55'40"
300.00 KK.
① 89°55'40"
④ 359°42'40"
89°55'40"
① 90°04'20"
④ 360°17'20"
90°04'05"
T=84°
300.25
130.00
300.25
130.00
LEV.
RESET K 9-24-73
(50)
(50)
N.W. Cor of Lot #4 of Larson Tr. Fd. a Co. Engr. mon. flush, per FB 2322-12 & CSB 2444, marked as shown.
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Notes Ck'd by	Survey of W.W. #4
~~Map No.~~	~~JN 5043.97 Tape 1941 Sid 84~~
Office Work	Surveyed by
Checked	Notes KK Date 9-73
Date	Indexed

F. B. 3452 PG. 273

JN 5043.97

W. W. DIST # 4
WELL SITE # 37

AVE K & 35TH ST. W.

PARTY
KING
TALBOT
HILL
EGSTROM

X

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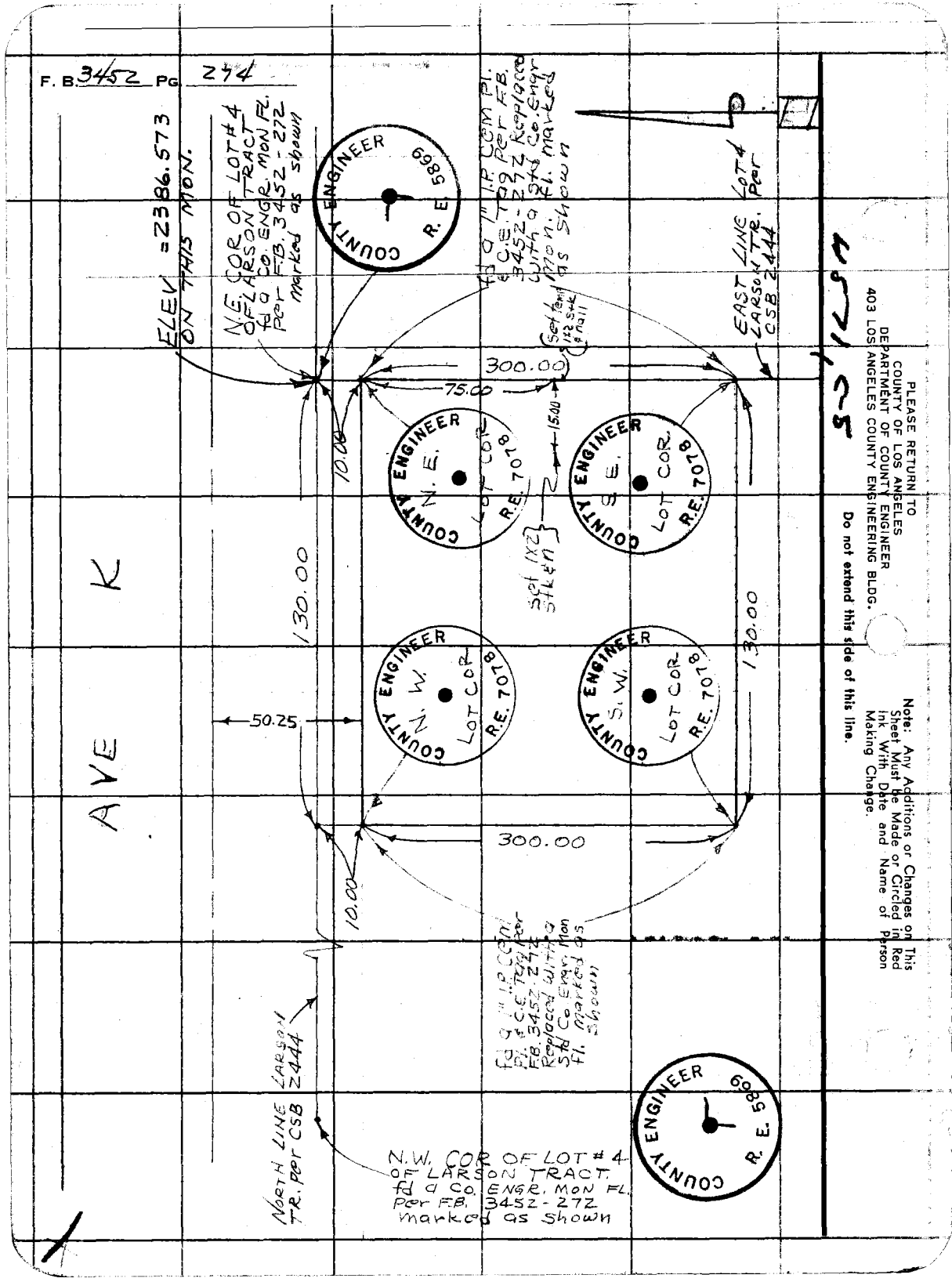
76F309S CE#310 3-69


F. B. 3452 PG. 274
ELEV = 2386.573 ON THIS MON.
N.E. COR OF LOT #4 OF LARSON TRACT fd a CO. ENGR. MON FL. Per F.B. 3452-272 marked as shown
fd a 1" I.P. Cem Pl. & C.E. Tag Per F.B. 3452-272 Replaced with a Std Co. Engr Mon. Fl. marked as shown
EAST LINE LARSON TR. CSB 2444
LOT 4 Per
COUNTY ENGINEER R. E. 5869
COUNTY ENGINEER N. E. LOT COR R.E. 7078
COUNTY ENGINEER S. E. LOT COR R.E. 7078
COUNTY ENGINEER N. W. LOT COR R.E. 7078
COUNTY ENGINEER S. W. LOT COR R.E. 7078
Set 1x2 Stk & nail
Set 1x2 Stk & n
300.00
75.00
15.00
10.00
130.00
50.25
AVE K
NORTH LINE LARSON TR. Per CSB 2444
N.W. COR OF LOT #4 OF LARSON TRACT. fd a Co. ENGR. MON FL. Per F.B. 3452-272 marked as shown
PLEASE RETURN TO
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Notes Ck'd by		Survey of RAWLEY DUNLEY PARK	F. B. 3452 Pg. 2[illegible]
		JN 55.13 Tape HP Std °F	
Office Work		Surveyed by HUBBARD	
Checked		Notes [illegible]RIGHT Date 6-74	
Date		Indexed M. PALMER JUN 18 1974	

JN [illegible]

RAWLEY DUNTLEY CO. PARK

CONTROL
FOR
TOPO.

Hubbard
ALBRIGHT
JERNIGAN
CROWE

15

F.B. 2452 - 776

AVE. R

N.W. COR. OF
LOT 4
FD. C.E. MON.
(FLUSH)
PER F.B. 2322-12
MARKED AS SHOWN

COUNTY ENGINEER
R. E. 5869

216.80

SET 1"X2" ø NAIL
(FLUSH)

340.09

H.P. #2

216.80 @ 89°28'54" =
556.92 @ 89°18'20" =

556.88
- 216.79
340.09

814.31 @ 89°21'59" =

814.26
- 556.88
257.38

1192.38 @ 89°22'15" =

1192.31
- 814.26
378.05

257.38

378.05

SET 1"X2" ø NAIL
(FLUSH)

S.W. COR. OF
LOT 5
FD. C.E. MON.
(FLUSH)
PER F.B. 2322-17
MARKED AS SHOWN

COUNTY ENGINEER
R. E. 5869

SET 1"X2" ø NAIL

65.00