...'d by	Survey of	F.B. 3187 Pg.
	JN ___ Tape ___ Std ___ °F	
Work	Surveyed by	
	Notes ___ Date ___	
	Indexed	

	Job	Description
		W.W. DIST. #35 5354.16
2	B.M.	Bench levels for well site #1
3C	B.M.	Bench levels for Booster Plant pump site
0	Loc.Imp	Loc. of Well Site No. 1
3	X-Sec.	On Ave. G-140th St. E.
2	Loc.Imp	Loc. Booster Plant pump site @ Ave. G & 170th St. E.
0	X-Sec.	On pump site
4	Locl Imp	On 180th St. E. fr. Ave. G to Ave. H
3	X-Sec.	On the above.
2	Loc.Imp	Of timpr. on Ave. I fr. 180th St. E. to Blue Rock Tank Site
01	X-Sec.	Ave. I fr. 180th St. E. to Blue Rock Tank
08	X-Sec.	On Blue Rock Tank Site
34	Sect. Ln.	Survey of Sec. 11, T7N., R9W
47	B.M.	Bench levels for sec 11, T7N., R9W
74	X-Sec.	On pipelines & easement in WWD 35

Microfilmed Feb. 85.

185-288	X-Sec.	On pipelines & easements in WWD 35

NOTES RED. JOB NO 5354.16 SURVEY OF W.W. #35 Well Site #1 F. B. 318 / PG. 5

DATE SURVEY BY J S COATES

NOTES CHKD. M. HARASU NOTES BY J.S.C. DATE 5-19-64

DATE INDEXED E. J. GALLI DATE MAY 2 1964

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.

765420 S 4-54

Do not extend notes this side of this line

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 5354.16						
WELL SITE # 1.						
FOR						
WATER WORKS # 35						
BENCH LEVELS						
	COATES VAN NESS MITCHELL HILL					

76S420 S & E-353 4-54

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JOB NO 5354.16 SURVEY OF WELL SITE #35
SURVEY BY JSC COATES
NOTES BY JSC DATE 5-19-64
INDEXED DATE
NOTES RED DATE
NOTES CHKD. DATE

F.B. 3187 Pg. 6

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 106-108	2451.019					BM106-108 Elev. 2451.019 F.B. 2418-114 140th St. E. & Ave G 59.5' W. of 140th St. E & 32' N. of AVE. G 28.6 W. of PP# 767485 E. & 67' NW of B.M. 106-108A A Co. Eng B.M. brass cap mon. stamped "B.M 106-108 1959 RE 5869. Set in 12"X12" Conc. post.
+	1.891		2.003			
⊼	52.910	-5.112	-5.115			
−	7.003		7.118			
T.P.	45.907					
+	2.081		2.204			
⊼	47.988	-5.349	-5.349			
−	7.430		7.553			
TP	40.558					
+	2.298		2.381			
⊼	42.856	-5.311	-5.308			
−	7.609		7.689			
T.P.	35.247					
+	2.274		2.346			
⊼	37.521	-4.915	-4.914			
−	7.189		7.260			
T.P.	30.332					
+	3.352		3.499			
⊼	33.684	-2.927	-2.923			
−	6.279		6.422			
BM SET NC1066	27.405					BMNC 1066 Elev FB 3187-6 AVE. G & 137th St. E. S.E. Cor. B.S. in cb. 3' E. of E. end C.R.
+	3.000		3.129			
⊼	30.405	-4.231	-4.233			
−	7.231		7.362			
T.P.	23.174					
+	2.841		2.969			
⊼	26.015	-4.205	-4.206			
−	7.046		7.175			
TP	18.969					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2418.969					
+	3.579		3.705			
⊼	22.548	-3.070	3.073			
−	6.649		6.778			
T.P	15.899					
+	3.608		3.632			
⊼	19.507	-1.875	-1.874			
−	5.483		5.506			
TP	14.024					
+	4.830		5.078			
⊼	18.854	-1.181	1.181			
−	6.011		6.259			
SET BMNC1067	12.843					BMNC 1067 Elev FB.3187-7
+	5.702		5.781			AVE G & 135Th ST. E., ℄ INT; 1/4 Cor
⊼	18.545	+0.540	+0.539			Section 36, T 7, 8N, R10W Top C.S.Mon
−	5.162		5.242			(N. side brass-cap)
TP	13.383					
+	5.002		5.092			
⊼	18385	-0.674	-0.678			
−	5.676		5.770			
T.P.	12.709					
+	5.145		5.254			
⊼	17.854	+0.497	0.494			
−	4648		4.760			
TP	13.206					
+	4.613		4.664			
⊼	17.819	-0.509	-0.510			
−	5.122		5.174			
T.P.	12.697					

NOTES RED ____ JOB NO. 5354.16 SURVEY OF WELL SITE #1 WW#35 F.B. 3187 PG. 7
DATE ____ SURVEY BY J S COATES
NOTES CHKD. M. HAMASU NOTES BY J S C DATE 5-19-64
DATE ____ INDEXED E. J. GALLI DATE ____

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JOB NO 5354.16 SURVEY OF Well Site #1 W.W.#35 NOTES RED
SURVEY BY JS COATES DATE
NOTES BY JSC DATE 5-19-64 NOTES CHKD
INDEXED J. GALLY DATE DATE

F.B. 3187 Pg. 8

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2412697					
+	4.718		4.785			
⅄	17.415	-1.203	-1.203			
—	5.921		5.988			
TP	11.494					
+	4.648		4.760			
⅄	16.142	-1.121	-1.121			
—	5.769		5.881			
TP	10.373					
+	4.350		4.446			
⅄	14.723	-0.750	-0.751			
—	5.100		5.197			
TP	09.623					
+	4.655		4.675			
⅄	14.278	-0.796	-0.796			
—	5.451		5.471			
T.P.	08.827					
+	4.563		4.714			
⅄	13.390	-0.139	-0.136			
—	4.702		4.850			
TP	08.688					
+	4.151		4.242			
⅄	12.839	-1.962	-1.962			
—	6113		6.204			
SET BMNC1068	2406726					BMNC1068 Elev. F.B. 3187-8
+	6119		6.190			AVE G & 130th St. E. & INT. Top
⅄	12.845	+1.269	+1.265			C.E. MON. 16"dn. Cor. Section 35,36,1,2
—	4.850		4.925			T7,8N R10W
SET BMNC1069	2407995					BMNC1069 Elev. F.B. 3187-8
						AVE G & 130th St. E. 40'E. & 40'N. & INT

76S420 S & E-358 4-54

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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
BMNC1069	2407.995					BMNC 1069 Elev. 2407. FB 3187-8
+	4.866		4.989			See preceeding page
⊼	12.861	+0.429	+0.427			
−	4.437		4.562			
TP	08.424					
+	5.236		5.255			
⊼	13.660	+0.402	0.401			
−	4.834		4.854			
TP	08.826					
+	5.481		5.546			
⊼	14.307	+0.981	+0.982			
−	4.500		4.564			
TP	09.807					
+	5.029		5.139			
⊼	14.836	+0.835	+0.837			
−	4.194		4.302			
TP	10.642					
+	5.251		5.469			
⊼	15.893	+0.864	+0.864			
−	4.387		4.605			
TP	11.506					
+	5.976		6.055			
⊼	17.482	+1.173	+1.174			
−	4.803		4.881			
TP	12.679					
+	5.201		5.305			
⊼	17.880	+0.838	+0.836			
−	4.363		4.469			
TP	2413.517					

NOTES RED _____ JOB NO 5354.16 SURVEY OF Well Site #1
DATE _____ SURVEY BY J.S. COATES
NOTES CHKD A. HAMASU NOTES BY J.S.C. DATE 5-19-64
DATE _____ INDEXED C.J. GALL DATE _____

F.B. 3187 Pg. 9

JOB NO. 5354-16 SURVEY OF Well Site #1 W.W. #35 NOTES RED

SURVEY BY JS COATES DATE

NOTES BY JSC DATE 5-20-64 NOTES CHKD

INDEXED C. J. GALL DATE DATE

F. B. 3187 PG. 10

763420 E & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2413.517					
+	4582		4.725			
⊼	18.099	-0.452	-0.455			
−	5.034		5.180			
TP	13.065					
+	5.299		5.463			
⊼	18.364	+0.138	+0.138			
−	5.161		5.328			
TP	13.203					
+	5.250		5.061			
⊼	18.453	+0.179	+0.181			
−	5.071		4.880			
TP	13.382					
+	5.254		5.401			
⊼	18.636	-0.525	-0.523			
−	5.779		5.924			
FD BMNC 1067	12.857					BMNC 1067 Elev. 2412.843 FB. 3187-7
+	6.148		6.264			AVE G. & 135TH ST. E. & INT 1/4 Cor. Section
⊼	19.005	+0.966	+0.965			36, T 7, 8 N R 10 W Top C.E. MON
−	5.182		5.299			(N. side brass-cap)
T.P.	13.823					
+	5.591		5.730			
⊼	19.414	+1.447	+1.446			
−	4.144		4.284			
TP	15.270					
+	6.407		6.499			
⊼	21.677	+2.746	+2.750			
−	3.661		3.749			
TP	18.016					

76S420 S & E 53 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2418.016					
+	6.803		6.983			
⊼	24.819	+4.043	+4.042			
−	2.760		2.941			
TP	22.059					
+	6.619		6.778			
⊼	28.678	+4.150	+4.146			
−	2.469		2.632			
T.P.	26.209					
+	5.606		5.718			
⊼	31.815	+1.225	+1.224			
−	4.381		4.494			
FD BMNC1066	27.434					BM NC 1066 Elev. FB.3187-6
+	7.213		7.308			AVE. G & 137th ST. E S.E. COR.
⊼	34.647	+4.623	+4.619			B.S. in cb 3 E. of E end C.R.
−	2.590		2.689			
TP	32.057					
+	7.427		7.570			
⊼	39.484	+4.759	+4.758			
−	2.668		2.812			
TP	36.816					
+	7.245		7.379			
⊼	44.061	+5.102	+5.098			
−	2.143		2.281			
TP	41.918					
+	7.046		7.257			
⊼	48.964	+5.006	+5.008			
−	2.040		2.249			
TP	46.924					

NOTES RED ____ JOB NO. 5354.16 SURVEY OF WELL SITE #1 WW#35 F.B. 3161 PG. 11
DATE ____ SURVEY BY J.S. COATES
NOTES CHKD M. HAMASU NOTES BY J.S.C. DATE 5-21-64
DATE ____ INDEXED C. J. GREEN DATE ____

766420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2446.924					
+	6.692		6.813			
⊼	53.616	44.138	4.135			
—	2.554		2.678			
FD BM106-108	2451.062					BM106-108 Elev. 2451.019 FB 2418-114 140th ST. E. & AVE. G 59.5 W. ℄ 140th ST E & 32' N. ℄ AVE. G., 28.0 W. PP.#767485E & 67' N.W. of BM 106-108A, A. Co. Eng BM brass-cap mon. stamper "BM 106-108 1959 RE 5869" Set in 12"X12" CONC. POST

JOB NO. 5354.16 SURVEY OF Well Site #1 W.W.#35 NOTES RED
SURVEY BY J S COATES DATE
NOTES BY J&C DATE 5-21-64 NOTES CHKD
INDEXED C. K. GALLI DATE DATE

F. B. 3187 PG. 12

NOTES RED _____ JOB NO. 5354.08 SURVEY OF WATER WORKS #35 | F. B. 2167 PG. 13

DATE _____ SURVEY BY J S COATES

NOTES CHKD. _____ NOTES BY J S COATES DATE 5-6-64

DATE _____ INDEXED [redacted] J. GALLI DATE [redacted]

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765420 S & E-353 4-54

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 5354.08 BOOSTER PLANT PUMP SITE FOR WATER WORKS #35 BENCH LEVELS	COATES VAN NESS HILL MITCHELL RITTER					

X

JOB NO 5354.08 SURVEY OF WATER WORKS #35 NOTES RED

SURVEY BY J S COATES DATE 5-6-64 NOTES CHKD.

NOTES BY J S C DATE DATE

INDEXED [redacted] DATE

F. B. 3187 PG. 14

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD BM 106-108	2451.019					BM 106-108 Elev. 2451.019 FB 2418-114 140th ST. E. & AVE G 59.5' W. of ℄ of 140th ST. E. & 32' N. of ℄ AVE. G 28.0' W. PP# 767485E & 67' N.W. of BM 106-108A A. C. Eng. B.M. brass Cap mon. Stamped "BM 106-108 1959 RE 5869. Set in 12"X12" Conc. Post
+	5.478		5.495			
π	56.497	-0.748	-0.748			
−	6.226		6.243			
	50.271					
FD BM 106-108A	2450.271					BM 106-108A Elev. 2450.272 FB 2418-114 140th ST E & AVE. G at ℄ INT., 67' S.E. BM 106-108 - A C.S. Mon. in well & Cover 24" down Stamped "County Surveyor Monument RS 1929 36, 31, 1, 6 T7N R9W T8N R10W
+	9.512		9.483			
π	59.783	+ 7.574	+ 7.575			
−	1.938		1.908			
TP	57.845					
+	8.014		7.864			
π	65.859	+ 5.879	+ 5.877			
−	2.135		1.987			
TP	63.724					
+	8.347		8.330			
π	72.071	+ 6.925	+ 6.923			
−	1.422		1.407			
TP	70.649					
+	8.046		8.022			
π	78.695	+ 6.700	+ 6.700			
−	1.346		1.322			
TP	77.349					
+	8.747		8.675			
π	86.096	+ 7.237	+ 7.236			
−	1.510		1.439			
TP	2484.586					

76S420 S & E-353 4-54

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NOTES RED ____ JOB NO. 5354.08 SURVEY OF WATER WORKS #35
DATE ____ SURVEY BY J S COATES
NOTES CHKD ____ NOTES BY J S C DATE 5-6-64
DATE ____ INDEXED G. J. GAIN DATE AUG 26 64

F. B. 3187 PG. 15

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2484.586					
+	8.767		8.610			
π	93.353	+ 7.543	+ 7.542			
−	1.224		1.068			
TP	92.129					
+	8.852		8.842			
π	2500.981	+ 7.942	+ 7.943			
−	0.910		0.899			
TP	2500.071					
+	9.477		9.413			
π	09.548	+ 8.176	+ 8.174			
−	1.301		1.239			
TP	08.247					
+	9.022		9.003			
π	17.269	+ 8.125	+ 8.125			
−	0.897		0.878			
TP	16.372					
+	6.377		6.341			
π	22.749	+ 1.569	+ 1.571			
−	4.808		4.770			
SET B.M.N.C. 107D	17.941					B.M.N.C. 107D ELEV: F.B 3187-15
+	9.762		9.837			AVE. G & 145TH ST. E. ℄ INT.; 1/4 COR 6,31; 5pk in
π	27.703	+ 9.029	+ 9.027			2" I.P. SET IN CONC. IN WELL & COVER
−	0.733		0.810			
TP	26.970					
+	8.397		8.258			
π	35.367	+ 7.268	+ 7.266			
−	1.129		0.992			
TP	2534.238					

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2534.238					
+	8.582		8.551			
π	42.820	+ 7.861	+ 7.859			
−	0.721		0.692			
TP	42.099					
+	8.423		8.501			
π	50.522	+ 8.135	+ 8.138			
−	0.288		0.363			
TP	50.234					
+	8.502		8.488			
π	58.736	+ 7.567	+ 7.566			
−	0.935		0.922			
TP	57.801					
+	9.047		9.028			
π	66.848	+ 8.458	+ 8.457			
−	0.589		0.571			
TP	66.259					
+	8.423		8.399			
π	74.682	+ 7.905	+ 7.903			
−	0.518		0.496			
TP	74.164					
+	7.965		7.930			
π	82.129	+ 7.253	+ 7.253			
−	0.712		0.677			
TP	81.417					
+	8.712		8.686			
π	90.129	+ 8.235	+ 8.234			
−	0.477		0.452			
TP	2589.652					

NOTES RED
DATE
NOTES CHKD
DATE

JOB NO. 5354.08 SURVEY OF WATER WORKS #35
SURVEY BY T.S. COATES
NOTES BY J.S.C. DATE 5-6-64
INDEXED [redacted] J. GALL DATE

F.B. 3187 PG. 16

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2589.652					
+	7.078		7.052			
π	96.730	+4.210	+4.208			
−	2.868		2.844			
B.M.N.C. 1071	2593.862					B.M.N.C.- 1071 ELEV.= F.B. 3187- 17
+	10.302		10.348			AVE. G & 150TH ST. E. ℄ INT. COR. SEC. 31, 32, 5, 16
π	2604.164	+ 9.876	+ 9.876			T 7, 8N R 9W C.S. MON. IN WELL & COVER
−	0.426		0.472			
TP	2603.738					
+	8.388		8.343			
π	12.126	+ 7.530	7.534			
−	0.858		0.809			
TP	11.268					
+	7.785		7.800			
π	19.053	+6.409	+ 6.409			
−	1.376		1.391			
TP	17.677					
+	8.962		8.950			
π	26.639	+7.219	+ 7.220			
−	1.743		1.730			
TP	24.896					
+	7.853		8.025			
π	32.749	+7.495	+7.496			
−	0.358		0.529			
TP	32.391					
+	9.172		9.262			
π	41.563	+8.807	+8.808			
−	0.365		0.454			
T.P.	41.198					

NOTES RED ____ JOB NO. 5354.08 SURVEY OF WATER WORKS # 35
DATE ____ SURVEY BY J S COATES
NOTES CHKD ____ NOTES BY J.S.C. DATE 5-6-64
DATE ____ INDEXED C. J. GALLI DATE ____

F.B. 10 / PG. 17

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

JOB NO 5354.08 SURVEY OF WATER WORKS #35 NOTES RED
SURVEY BY J S COATES DATE
NOTES BY J.S.C DATE 5-6-64 NOTES CHKD
INDEXED G. J. GALM DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2641.198					
+	7.845		7.938			
⅄	49.043	+4.629	+4.629			
−	3.216		3.309			
T.P.	45.827					
+	8.762		8.853			
⅄	54.589	+7.386	+7.385			
−	1.376		1.468			
TP	53.213					
+	8.185		8.252			
⅄	61.398	+7.661	+7.662			
−	0.524		0.590			
TP	60.874					
+	9.592		9.663			
⅄	70.466	+8.014	+8.014			
−	1.578		1.649			
TP	68.888					
+	5.536		5.595			
⅄	74.424	−0.020	−0.022			
−	5.556		5.617			
SET BM NC 1072	2668.868					BM NC 1072 Elev. F.B. 3187-18
+	8.920		9.010			AVE. G & 155 TH ST. E. & INT; ¼ COR. 32,5
⅄	77.788	+6.658	+6.655			T 7,8 N R 9 W FD. Spk. in 2" I.P. in well & COVER
−	2.262		2.355			
TP	75.526					
+	9.173		9.235			
⅄	84.699	+8.284	+8.286			
−	0.889		0.949			
TP	83.810					

F.B. 3187 PG. 18

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2683.810					
+	8.316		8.381			
⅄	2692.126	+4.029	+4.033			
−	4.287		4.348			
TP	87.839					
+	10.038		10.084			
⅄	97.877	+8.214	+8.213			
−	1.824		1.871			
TP	96.053					
+	6.897		6.990			
⅄	2702.950	+5.429	+5.428			
−	1.468		1.562			
TP	01.482					
+	8.154		8.222			
⅄	09.636	+7.553	+7.553			
−	0.601		0.669			
T.P.	09.035					
+	8.801		8.861			
⅄	17.836	+8.483	+8.482			
−	0.318		0.379			
TP	17.518					
+	8.643		8.741			
⅄	26.161	+7.785	+7.788			
−	0.858		0.953			
TP	25.303					
+	8.803		8.865			
⅄	34.106	+8.391	+8.392			
−	0.412		0.473			
T.P.	33.694					

NOTES RED _____ JOB NO. 5354.08 SURVEY OF WATER WORKS # 35
DATE _____ SURVEY BY J S COATES
NOTES CHKD _____ NOTES BY JSC DATE 5-7-64
DATE _____ INDEXED C. J. GALLI DATE _____

F. B. 3187 PG. 19

76S420 S & E-353 4-54

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JOB NO. 5354.08 SURVEY OF WATER WORKS #35 NOTES RED ____ DATE ____
SURVEY BY J.S.C. COATES DATE 5/7/64 NOTES CHKD ____ DATE ____
NOTES BY ____ DATE ____
INDEXED G. J. GALLI

F.B. 3187 PG. 20

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	2733.694					
+	8.866		8.998			
⊼	42.560	+8.137	+8.137			
−	0.729		0.861			
TP	41.831					
+	6.432		6.485			
⊼	48.263	+0.900	+0.900			
−	5.532		5.585			
SET BMNC1073	42.731					BMNC 1073 Elev. F.B. 3187-20
+	7.910		8.008			AVE. G & 160TH ST. E.; & INT.; COR. SEC.
⊼	50.641	+5.963	+5.964			32,33,4,5 T7,8N R9W.; C.S. Mon
−	1.947		2.044			
SET BMNC1074	48.694					BMNC 1074 Elev. F.B. 3187-20
+	6.487		6.557			AVE. G & 160th ST E. 50'N & 50'E. & INT
⊼	55.181	+5.979	+5.979			Brass nail in 2" I.P. 12" up
−	0.508		0.578			
TP	54.673					
+	8.420		8.491			
⊼	63.093	+8.091	+8.090			
−	0.329		0.401			
TP	62.764					
+	7.886		8.030			
⊼	70.650	+7.497	+7.500			
−	0.389		0.530			
TP	70.261					
+	8.627		8.663			
⊼	78.888	+7.981	+7.981			
−	0.646		0.682			
TP	78.242					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2778.242					
+	8.631		8.705			
⅄	86.873	+7.410	+7.409			
−	1.221		1.296			
TP	85.652					
+	9.028		9.079			
⅄	94.680	+8.375	+8.377			
−	0.653		0.702			
T.P.	94.027					
+	9.063		9.129			
⅄	2803.090	+8.196	+8.197			
−	0.867		0.932			
TP	02.223					
+	9.296		9.370			
⅄	11.519	+8.913	+8.912			
−	0.383		0.458			
TP	11.136					
+	9.148		9.211			
⅄	20.284	+8.548	+8.549			
−	0.600		0.662			
TP	19.684					
+	8.223		8.300			
⅄	27.907	+7.647	+7.650			
−	0.576		0.650			
T.P.	27.331					
+	8.103		8.204			
⅄	35.434	+7.424	+7.424			
−	0.679		0.780			
T.P.	34.755					

NOTES RED _____ JOB NO. 5354.08 SURVEY OF WATER WORKS #35
DATE _____ SURVEY BY JS COATES
NOTES CHKD. _____ NOTES BY JSC DATE 5-7-64
DATE _____ INDEXED C. J. GALLI DATE _____

F. B. 3187 PG. 21

76S420 S & E-353 4-54

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JOB NO. 5354.08 SURVEY OF WATER WORKS #35 NOTES RED
SURVEY BY JSC COATES DATE
NOTES BY JSC DATE 5-7-64 NOTES CHKD
INDEXED B. J. GALL DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2834.755					
+	8.516		8.562			
π	43.271	+7.943	+7.940			
−	0.573		0.622			
T.P.	42.698					
+	9.292		9.402			
π	51.990	+6.330	+6.330			
−	2.962		3.072			
SET BM NC 1075	2849.028					BM NC 1075 ELEV. F.B. 3187-22
+	5.648		5.811			AVE. G & 165Th ST E.; & INT.; 1/4 COR
π	54.676	+2.765	+2.765			SEC. 33, 4; T 7, 8 N R 9W FD. Spk. in
−	2.883		3.046			2" I.P. in Well & COVER
BM NC 1076	2851.793					BM NC 1076 ELEV. F.B.
+	8.608		8.668			AVE. G & 165Th ST. E.; 50' E. & 50' S.
π	60.401	+8.285	+8.286			& INT.; Brass Nail in 2" I.P. 10" up
−	0.323		0.382			
TP	60.078					
+	9.471		9.562			
π	69.549	+9.042	+9.045			
−	0.429		0.517			
TP	69.120					
+	9.508		9.568			
π	78.628	+9.297	+9.297			
−	0.211		0.271			
TP	78.417					
+	9.148		9.242			
π	87.565	+8.881	+8.880			
−	0.267		0.362			
T.P.	2887.298					

F.B. 3187 Pg. 22

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2887.298					
+	8.955		8.977			
π	96.253	+8.663	+8.665			
−	0.292		0.312			
TP	95.961					
+	7.938		7.987			
π	2903.899	+7.723	+7.725			
−	0.215		0.262			
TP	2903.684					
+	8.848		8.948			
π	12.532	+7.905	+7.906			
−	0.943		1.042			
TP	11.589					
+	8.564		8.615			
π	20.153	+7.587	+7.588			
−	0.977		1.027			
TP	19.176					
+	7.813		7.882			
π	26.989	+6.393	+6.394			
−	1.420		1.488			
TP	25.569					
+	8.765		8.853			
π	34.334	+7.322	+7.321			
−	1.443		1.532			
TP	32.891					
+	5.272		5.102			
π	38.163	−1.083	−1.085			
−	6.355		6.187			
SET BMNC 1077	2931.808					BMNC 1077 ELEV = F.B. 3187-23 AVE. G & 170TH ST. E & INT COR SEC. 3, 4, 33, 34 T 7, 8N R9W F.O.C.S.

NOTES RED ____ JOB NO. 5354.08 SURVEY OF WATER WORKS #35
DATE ____ SURVEY BY J S COATES
NOTES CHKD. ____ NOTES BY J S C DATE 5-7-64
DATE ____ INDEXED C. J. GALLI DATE ____

F. B. 3187 PG. 23

76S420 S & E-353 4-54

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JOB NO 5354.08 SURVEY OF WATER WORKS #35 NOTES RED
SURVEY BY J S C OATES DATE 5-7-64 NOTES CHKD
NOTES BY J S C DATE
INDEXED [redacted] J. GALL DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.N.C.-1077	2931.808					B.M.N.C. 1077 SEE PRECEEDING PAGE FOR
+	6.834		6.749			DESCP.
π	38.642	+2.255	+2.256			
−	4.579		4.493			
B.M.N.C.1078	2934.063					B.M.N.C. 1078 ELEV: F.B. 3187-24
+	7.890		7.839	7.690		AVE. G & 170TH ST. E.; 50'E & 50'S. ℄ INT.; BRASS
π	41.953	+6.218	+6.211	+6.217		NAIL IN 2" I.P. 10" UP
−	1.672		1.628	1.473		
TP	40.281					
+	7.168		7.104			
π	47.449	+5.178	+5.177			
−	1.990		1.927			
TP	45.459					
+	6.328		6.355			
π	51.787	+4.124	+4.127			
−	2.204		2.228			
TP	49.583					
+	5.640		5.233			
π	55.223	+2.303	+2.303			
−	3.337		2.930			
TP	51.886					
+	6.441		6.188			
π	58.327	+4.098	+4.099			
−	2.343		2.089			
TP	55.984					
+	5.251		5.003			
π	61.235	+2.313	+2.314			
−	2.938		2.689			
TP	2958.297					

F.B. 3187 PG. 24

76S420 S & E-853 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2958.297					
+	5.769		5.520			
π	64.066	+2.129	+2.131			
−	3.640		3.389			
TP	60.426					
+	7.800		7.563			
π	68.226	+5.220	+5.221			
−	2.580		2.342			
TP	65.646					
+	5.260		4.948			
π	70.906	+3.295	+3.296			
−	1.965		1.652			
TP	68.941					
+	6.471		6.201	6.602		
π	75.412	+4.269	4.259	+4.272		
−	2.202		1.942	2.330		
SET BMNC-1079	73.210					B.M.N.C. 1079 ELEV.= F.B. 3187-25
+	6.080		5.708			AVE G & 175TH ST. E ℄ INT 1/4 COR SECS. 3, 34 T 7, 8N
π	79.290	+1.221	+1.221			R 9W FD. C.E. MON. IN WELL & COVER
−	4.859		4.487			
SET B.M.N.C. 1080	74.431					B.M.N.C. 1080 ELEV.= F.B. 3187-25
+	7.059		6.760			AVE. G & 175TH ST. E. 50' E. & 50' S. ℄ INT
π	81.490	+4.200	+4.200			FD. BRASS NAIL IN 2" I.P.
−	2.859		2.560			
TP	78.631					
+	5.410		5.121			
π	84.041	+0.998	+0.997			
−	4.412		4.124			
TP	2979.629					

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DATE ____ INDEXED B. J. GAUM DATE

F.B. 3187 PG. 25

76S420 S & E-353 4-54

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SURVEY BY J.S. COATES DATE 5-8-64 DATE NOTES CHKD.
NOTES BY J.S.C. DATE DATE
INDEXED [redacted] DATE

F.B. 3187 PG. 26

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2979.629					
+	5.361		5.990			
π	84.990	−0.160	−0.160			
−	5.521		6.150			
TP	79.469					
+	7.160		6.907			
π	86.629	+5.922	+5.922			
−	1.238		0.985			
TP	85.391					
+	8.148		8.510			
π	93.539	+7.664	7.662			
−	0.484		0.848			
TP	93.055					
+	11.294		11.644			
π	3004.349	+10.924	+10.924			
−	0.370		0.720			
TP	3003.979					
+	11.898		11.617			
π	15.877	+10.448	+10.447			
−	1.450		1.170			
TP	14.427					
+	11.430		11.101			
π	25.857	+9.229	+9.232			
−	2.201		1.869			
TP	23.656					
+	11.166		11.436			
π	34.822	+10.157	+10.157			
−	1.009		1.279			
TP	3033.813					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3033.813					
+	10.160		10.545			
π	43.973	+7.416	+7.415			
−	2.744		3.130			
TP	41.229					
+	10.780		10.466			
π	52.009	+6.350	+6.347			
−	4.430		4.119			
BM.N.C.1081	3047.579					B.M.N.C. 1081 ELEV.: F.B.3187-27
+	9.010		8.704			AVE.G & 180TH ST.E. COR.SECS 2,3,34 & 35
π	56.589	+3.896	+3.895			T 7,8N R9W FD.C.S.MON IN WELL & COVER
−	5.114		4.809			
BM.NC 1082	3051.475					BM.N.C. 1082 ELEV.: F.B.3187-27
+	8.381		8.950			AVE.G & 180TH ST.E. 50'E. & 50'S. & INT
π	59.856	+7.671	+7.670			FD.BRASS NAIL IN 2" I.P.
−	0.710		1.280			
TP	59.146					
+	10.384		10.589			
π	69.530	+9.943	+9.944			
−	0.441		0.645			
TP	69.089					
+	11.320		11.028			
π	80.409	+10.491	+10.487			
−	0.829		0.541			
TP	79.580					
+	9.480		9.789			
π	89.060	+9.179	+9.178			
−	0.301		0.611			
TP	3088.759					

NOTES RED _____ JOB NO. 5354.08 SURVEY OF WATER WORKS #35
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F.B. 3101 PG. 21

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SURVEY BY J S COATES DATE
NOTES BY J S C DATE 5-8-64 NOTES CHKD.
INDEXED [redacted] J. GALLI DATE

F.B. 3187 PG. 28

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3088.759					
+	10.350		10.109			
π	99.109	+9.689	+9.690			
—	0.661		0.419			
TP	98.448					
+	10.761		11.019			
π	3109.209	+10.450	+10.449			
—	0.311		0.570			
TP	3108.898					
+	8.699		8.484			
π	17.597	+1.720	+1.717			
—	6.979		6.767			
TP	10.618					
+	4.698		4.484			
π	15.316	-4.206	-4.206			
—	8.904		8.690			
TP	06.412					
+	3.167		2.970			
π	09.579	-5.861	-5.865			
—	9.028		8.835			
TP	3100.551					
+	0.722		0.552			
π	3101.273	-9.319	-9.318			
—	10.041		9.870			
TP	3091.232					
+	2.610		2.373			
π	93.842	-4.351	-4.351			
—	6.961		6.724			
B.M.N.C. 1083	3086.881					B.M.N.C. 1083 ELEV: F.B 3187-28 180TH ST. E. & AVE G-8 & NT 1/4 COR SECS. 2,3 T 7N R 9W. F.O.

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.N.C.-1083	3086.881					B.M.N.C. 1083 FOR DESCP. SEE PRECEEDING PG.
+	4.161		5.520			
π	91.042	-1.769	-1.769			
−	5.930		7.289			
B.M.N.C.-1084	3085.112					B.M.N.C. 1084 ELEV: F.B. 3137-29
+	2.985		3.699			180TH ST. E. & AVE. G-8 50' W. & 50' S ℄ INT.
π	88.097	-6.275	-6.271			FD. BRASS NAIL IN 2" I.P
−	9.260		9.970			
TP	78.837					
+	0.769		0.452			
π	79.606	-7.931	-7.929			
−	8.700		8.381			
TP	70.906					
+	2.246		1.985			
π	73.152	-6.822	-6.824			
−	9.068		8.809			
TP	64.084					
+	0.982		1.123			
π	65.066	-7.046	-7.045			
−	8.028		8.168			
TP	57.038					
+	3.864		3.885			
π	60.902	-2.474	-2.473			
−	6.338		6.358			
TP	54.564					
+	1.705		1.716			
π	56.269	-7.813	-7.813			
−	9.518		9.529			
TP	304.6751					

NOTES RED ____ JOB NO. 5354.16 SURVEY OF WATER WORKS #35
DATE ____ SURVEY BY J S COATES
NOTES CHKD ____ NOTES BY J S C DATE 5-8-64
DATE ____ INDEXED J. GAIN DATE ____

F.B. 2101 PG. 29

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO 5354.16 SURVEY OF WATER WORKS #35 NOTES RED
SURVEY BY J S COATES DATE
NOTES BY J S.C. DATE 5-8-64 NOTES CHKD
INDEXED C. J. CALV DATE DATE

F. B. 3187 PG. 30

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3046.751					
+	4.761		4.804			
π	51.512	-2.103	-2.102			
—	6.864		6.906			
TP	44.648					
+	7.505		7.464	7.471		
π	52.153	+0.585	+ 0.591	+0.584		
—	6.920		6.873	6.887		
TP	45.233					
+	0.585		0.544			
π	45.818	- 8.217	-8.219			
—	8.802		8.763			
TP	37.016					
+	0.411		0.657			
π	37.427	-8.157	-8.155			
—	8.568		8.812			
TP	28.859					
+	5.737		5.871			
π	34.596	+0.669	+0.668			
—	5.068		5.203			
SET B.M.N.C.-1085	3029.528					B.M.N.C. 1085 ELEV = F.B. 3187-30
+	5.770		5.871			180TH ST. E. & AVE. H & INT COR. SECS. 2,3,10,11
π	35.298	+3.172	+3.170			T 7N, R 9W FD G.L.O. MON. 4" UP
—	2.598		2.701			
SET B.M.N.C.-1086	3032.700					B.M.N.C. 1086 ELEV = F.B. 3187-30
+	3.455		3.663			180TH ST. E. & AVE. H 50' W. & 50' S. & INT. FD.
π	36.155	-2.514	-2.515			BRASS NAIL IN 2" I.P. 4" UP
—	5.969		6.178			
TP	3030.186					

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO 5354.16 SURVEY OF WATER WORKS #35
DATE _____ SURVEY BY J S COATES
NOTES CHKD _____ NOTES BY J S C DATE 5-8-64
DATE _____ INDEXED [redacted] J. GALLI DATE _____

F. B318/Pg. 31

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3030.186					
+	3.207		3.385			
π	33.393	-3.207	-3.203			
—	6.414		6.588			
TP	26.979					
+	5.489		5.447			
π	32.468	-5.459	-5.458			
—	10.948		10.905			
TP	21.520					
+	1.814		1.953			
π	23.334	-6.266	-6.266			
—	8.080		8.219			
TP	15.254					
+	3.399		3.406			
π	18.653	-3.868	-3.870			
—	7.267		7.276			
TP	11.386					
+	3.204		3.266			
π	14.590	-1.713	-1.713			
—	4.917		4.979			
TP	09.673					
+	3.007		3.068			
π	12.680	-5.955	-5.955			
—	8.962		9.023			
TP	03.718					
+	0.877		0.940			
π	04.595	-7.369	-7.369			
—	8.246		8.309			
TP	2996.349					

76S420 S.& E-353 4-54

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JOB NO. 5354.16 SURVEY OF Water Works #35 NOTES RED.
SURVEY BY J S C COATES DATE
NOTES BY J S C DATE 5-8-64 NOTES CHKD.
INDEXED G. J. GALM DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2996.349					
+	6.705		6.801			
π	3003.054	+0.613	+0.612			
−	6.092		6.189			
TP	2996.962					
+	1.396		1.578			
π	98.358	−7.533	−7.534			
−	8.929		9.112			
SET BMNC 1087	89.429					BMNC 1087 ELEV.= F.B. 3187-32
+	4.067		3.982			180TH ST. E. & AVE. H-8 ℄ INT 1/4 COR. SECS. 10,11
π	93.496	−7.611	−7.613			T7N, R9W R.L.63 F.D.C.S. MON. 10"DN
−	11.678		11.595			
TP	81.818					
+	2.644		2.773			
π	84.462	−7.003	−7.003			
−	9.647		9.776			
TP	74.815					
+	0.782		0.639			
π	75.597	10.008	10.010			
−	10.790		10.649			
TP	64.807					
+	0.688		0.922			
π	65.495	−7.652	−7.655			
−	8.340		8.577			
TP	57.155					
+	2.889		3.002			
π	60.044	−6.129	−6.128			
−	9.018		9.130			
TP	51.026					

F.B. 3187 PG. 32

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2951.026					
+	2.011		2.083			
⊼	53.037	-5.487	-5.486			
−	7.498		7.569			
TP	45.539					
+	1.958		2.101			
⊼	47.497	-3.481	-3.481			
−	5.439		5.582			
TP	42.058					
+	2.209		2.345			
⊼	44.267	-4.573	-4.572			
−	6.782		6.917			
T.P.	37.485					
+	4.383		4.538			
⊼	41.868	-1.495	-1.492			
−	5.878		6.030			
TP	35.990					
+	3.080		3.132			
⊼	39.070	3.790	3.792			
−	6.870		6.924			
BMNC1088	2932.200					BMNC1088 ELEV. FB.3187/33
+	6.724		6.596			AVE. I. & 180TH ST. E.; COR. SEC.
⊼	38.924	+2.259	+2.257			10, 11, 14, 15 T7N R9W TOP
−	4.465		4.339			C.S. MON. 10" dn.
SET BMNC 1089	34.459					BMNC 1089 ELEV. F.B 3187-33
+	8.445		8.545			AVE I & 180TH ST. E. 50' W & 50' S OF ℄ INT
⊼	42.904	+7.420	+7.418			BRASS NAIL IN 2" IP & CONC. PLUG 7" UP
−	1.025		1.127			
TP	2941.879					

NOTES RED ____ JOB NO. 5354.1C SURVEY OF WATER WORKS #35
DATE ____ SURVEY BY JS COATES
NOTES CHKD ____ NOTES BY JSC DATE 5-18-64
DATE ____ INDEXED ____ DATE ____

F.B. 3187 PG. 33

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2941.879					
+	8.835		9.040			
π	50.714	+8.404	+8.405			
−	0.431		0635			
TP	50.283					
+	9.208		9357			
π	59.491	+8.777	+8.776			
−	0.431		0.581			
TP	59.060					
+	9.112		8.972			
π	68.172	+8.785	+8.782			
−	0.327		0190			
TP	67.845					
+	8258		8.424			
π	76.103	+7.780	+7.779			
−	0.478		0.645			
TP	75.625					
+	8.595		8.471			
π	84.220	+7.630	+7.627			
−	0.965		0.844			
TP	83.255					
+	10.623		10.728			
π	93.878	+10.016	+10.013			
−	0.607		0.715			
TP	93.271					
+	10.100		10.342			
π	3003371	+8.246	+8.248			
−	1.854		2.094			
TP	3001.517					

JOB NO. 5354.16 SURVEY OF Water Works #35 NOTES RED
SURVEY BY JS COATES DATE
NOTES BY JSC DATE 5-18-64 NOTES CHKD.
INDEXED [illegible] GALLI DATE DATE

F.B. 3187 PG. 34

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T P	3001.517					
+	5.845		6.123			
π	3007.362	+5.549	+5.552			
−	0.296		0.571			
T P	3007.066					SPK & TIM in JOSHUA Tree Stump
+	1.396		1.460			
π	3008.462	−7.902	−7.898			
−	9.298		9.358			
T P	2999.164					
+	2.298		2.384			
π	3001.462	−3.732	−3.728			
−	6.030		6.112			
T P	2995.432					
+	6.620		6.624			
π	3002.052	+5.423	+5.420			
−	1.197		1.204			
BMNC 1090	3000.855					BMNC 1090 Elev FB 3187-35
+	5.897		5.963			AVE. I & 175th ST. E. & INT. 1/4 Cor.
π	3006.752	+3.094	3.093			10, 15 T1N R9W Top C.S. Mon. Fl.
−	2.803		2.870			
BMNC 1091	3003.949					BMNC 1091 Elev FB 3187-35
+	6.462		6.468			AVE. I & 175TH ST. E. 50' N & 50' W
π	3010.411	+5.851	+5.854			& INT Brass-nail in 2" I.P. 18" up
−	0.611		0.614			
TP	3009.800					
+	11.679		11.875			
π	3021.479	+10.877	+10.874			
−	0.802		1.001			
T.P.	3020.677					

NOTES RED ____ JOB NO. 5354-16 SURVEY OF Water Works # 35
DATE ____ SURVEY BY T S Coates
NOTES CHKD ____ NOTES BY J S C DATE 6-1-64
DATE ____ INDEXED ____ C. J. GAU DATE ____

F. B. 3187 PG. 35

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JOB NO. 5354-16 SURVEY OF WATER WORKS #35
SURVEY BY J.S. COATES
NOTES BY J.S.C. DATE 6-1-64
INDEXED G. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3187 PG. 36

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3020.677					
+	9.212		9.380			
⊼	3029.889	+8.561	+8.560			
−	0.651		0.820			
TP	3029.238					
+	10.979		11.162			
⊼	3040.217	+10.280	+10.278			
−	0.699		0.884			
T.P.	3039.518					
+	8.203		8.324			
⊼	3047.721	+7.582	+7.582			
−	0.621		0.742			
T.P.	3047.100					
+	11.188		10.986			
⊼	3058.288	+7.339	+7.338			
−	3.849		3.648			
BM NC-1092	3054.439					BMNC1092 Elev. FB.3187-36
+	9.921		9.942			AVE. I 870'± W. of 1/4 Cor to Sec. 10, 15
⊼	3064.360	+8.012	+8.012			T7N R9W B.S. in 18" JOSHUA 55' S.
−	1.909		1.930			of ℄ AVE. I
TP	3062.451					
+	9.371		9.364			Note June 7th 1976 this Joshua
⊼	3071.822	+6.246	+6.249			tree has fallen - Spk still in
−	3.125		3.115			root crown & O.K. (30' N. of Rd)
TP	3068.697					See pg 70 F.B 3476
+	10.897		10.945			
⊼	3079.594	+10.413	+10.412			
−	0.484		0.533			
T.P.	3079.110					

769420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3079.110					
+	10.028		10.164			
Π	3089.138	+5.750	5.750			
−	4.278		4.414			
SET BM NC 1093	3084.860					BM NC 1093 Elev. FB. 3187-37
+	1.280		1.620			AVE. I. @ 172ND ST. E (1/16 Cor)
Π	3086.140	-7.398	-7.398			Top C.E. Mon. Flush.
−	8.678		9.018			
T.P.	3077.462					June 7, 1976 Fd. C.E. Br. Cap in Rock
+	0.187		0.452			outCrop. See Pg. 70 F.B 3476.
Π	3077.649	-11.475	-11.475			
−	11.662		11.927			
TP	3065.987					
+	0.610		0.454			
Π	3066.597	-11.218	-11.219			
−	11.828		11.673			
T.P.	3054.769					
+	1.900		2.009			
Π	3056.669	-9.424	-9.423			
−	11.324		11.432			
TP	3045.345					
+	2.288		2.130			
Π	3047.633	-8.919	-8.919			
−	11.207		11.049			
TP	3036.426					
+	1.865		1.653			
Π	3038.291	-9.599	-9.597			
−	11.464		11.250			
TP	3026.827					

NOTES RED. JOB NO. 5354.16 SURVEY OF WATER WORKS DIST #35 F.B. 3187 PG. 37
DATE SURVEY BY J. S. COATES
NOTES CHKD. NOTES BY J. S. COATES DATE 6-3-64
DATE INDEXED R. J. GALL DATE

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JOB NO 5354.16 SURVEY OF WATER WORKS #35 NOTES RED
SURVEY BY T S COATES DATE
NOTES BY T S C DATE 6-4-64 NOTES CHKD
INDEXED J. GALLI DATE DATE

F.B. 3187 PG. 38

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	3026.827					
+	0.751		0829			
π	3027.578	-10.720	-10.719			
—	11.471		11.548			
TP	3016.107					
+	1.142		1.314			
π	3017.249	-9.652	-9.653			
—	10.794		10.967			
TP	3006.455					
+	1.943		1.890			
π	3008.398	-9.385	-9.388			
—	11.328		11.278			
TP	2997.070					
+	1.928		1.879			
π	2998.998	-7.132	-7.129			
—	9.060		9.008			
TP	2989.938					
+	2.045		2.248			
π	2991.983	-9.224	-9.225			
—	11.269		11.473			
TP	2980.714					
+	1.307		1195			
π	2982.021	-9.997	-9.993			
—	11.304		11.188			
TP	2970.717					
+	1.857		1.721			
π	2972.574	-9.674	-9.674			
—	11.531		11.395			
TP	2961.043					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2961.043					
+	0.737		0.822			
π	2961.780	-10.308	-10.305			
−	11.045		11.127			
TP	2950.735					
+	0.895		1.024			
π	2951.630	-10.476	-10.477			
−	11.371		11.501			
TP	2940.259					
+	0.331		0.363			
π	2940.590	-8.306	-8.306			
−	8.637		8.669			
TP	2931.953					
+	1.225		1.345			
π	2933.178	-7.513	-7.514			
−	8.738		8.859			
TP	2924.440					
+	3.939		4.023			
π	2928.379	-7.515	-7.515			
−	11.454		11.538			
TP	2916.925					
+	0.808		0.867			
π	2917.733	-9.995	-9.994			
−	10.803		10.861			
TP	2906.930					
+	1.489		1.772			
π	2908.419	-9.094	-9.094			
−	10.583		10.866			
TP	2897.836					

NOTES RED ____ JOB NO. 5354 [illegible] SURVEY OF WATER WORKS #35
DATE ____ SURVEY BY J S COATES
NOTES CHKD. ____ NOTES BY J S C DATE 6-4-64
DATE ____ INDEXED ____ J. GALLI DATE ____

F. B. 3187 PG. 39

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2897.836					
+	0.687		0.867			
π	2898.523	-9.908	-9.906			
−	10.595		10.773			
TP	2887.928					
+	3.522		3.649			
π	2891.450	-4.899	-4.900			
−	8.421		8.549			
SET BMNC1094	2883.029					BMNC1094 ELEV. F.B. 3187-40
+	0.272		0.345			170TH ST. E. 1500' ± N. OF AVE I SET
π	2883.301	-10.837	-10.836			BUTTON TYPE C.E. MON. ON SEC LINE
−	11.109		11.181			
TP	2872.192					
+	0.756		0.889			
π	2872.948	-10.185	-10.185			
−	10.941		11.074			
TP	2862.007					
+	1.228		1.234			
π	2863.235	-9.225	-9.227			
−	10.453		10.461			
TP	2852.782					
+	0.365		0.547			
π	2853.147	-10.640	-10.637			
−	11.005		11.184			
TP	2842.142					
+	0.484		0.449			
π	2842.626	-11.005	11.004			
−	11.489		11.453			
TP	2831.137					

JOB NO. 5354.16 SURVEY OF WATER WORKS #35 NOTES RED.
SURVEY BY J.S. COATES DATE
NOTES BY J.S.C. DATE 6-4-64 NOTES CHKD
INDEXED C. J. GANN DATE DATE

F.B. 3187 PG. 40

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2831.137					
+	0.559		0.621			
π	2831.696	-10.886	-10.887			
−	11.445		11.508			
TP	2820.251					
+	0.660		0.701			
π	2820.911	-9.301	-9.303			
−	9.961		10.004			
TP	2810.950					
+	0.484		0.489			
π	2811.434	-10.884	-10.880			
−	11.368		11.369			
TP	2800.066					
+	1.293		1.416			
π	2801.359	-7.898	-7.898			
−	9.191		9.314			
T.P.	2792.168					
+	3.038		3.177			
π	2795.206	-7.901	-7.902			
−	10.939		11.079			
T.P.	2784.267					
+	0.676		0.739			
π	2784.943	-7.214	-7.213			
−	7.890		7.952			
TP	2777.053					
+	1.948		1.999			
π	2779.001	-7.922	-7.923			
−	9.870		9.922			
TP	2769.131					

NOTES RED _____ JOB NO. 5354.16 SURVEY OF WATER WORKS #35
DATE _____ SURVEY BY J.S. COATES
NOTES CHKD _____ NOTES BY J.S.C. DATE 6-4-64
DATE _____ INDEXED [redacted] J. GALL DATE _____

F.B. 3187 PG. 41

76S420 S & E-353 4-54

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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

JOB NO. 5354.16 SURVEY OF WATER WORKS DIST #35
SURVEY BY J S C COATES
NOTES BY J S C DATE 6-4-64
INDEXED C. J. [redacted] DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 3187 PG. 42

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2769.131					
+	1.530		1.740			
⊼	2770.661	-8.425	-8.425			
—	9.955		10.165			
TP	2760.706					
+	1.925		2.095			
⊼	2762.631	-8.858	-8.858			
—	10.783		10.953			
TP	2751.848					
+	1.786		1.853			
⊼	2753.634	-6.715	-6.716			
—	8.501		8.569			
TP	2745.133					
+	6.799		6.611			
⊼	2751.932	-2.753	-2.757			
—	9.552		9.368			
TP	2742.380					
+	0.884		1.040			
⊼	2743.264	-8.051	-8.049			
—	8.935		9.089			
TP	2734.329					
+	1.005		0.854			
⊼	2735.334	-9.272	-9.271			
—	10.277		10.125			
TP	2725.057					
+	3.146		3.303			
⊼	2728.203	-7.389	-7.388			
—	10.535		10.691			
TP	2717.668					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2717.668					
+	1.135		1.253			
⊼	2718.803	-7.324	-7.324			
−	8.459		8.577			
TP	2710.344					
+	1.129		1.270			
⊼	2711.473	-9.825	-9.828			
−	10.954		11.098			
TP	2700.519					
+	3.417		3.564			
⊼	2703.936	-3.513	-3.513			
−	6.930		7.077			
SET BMNC1095	2697.006					BM NC 1095 Elev. F.B. 3187-43
+	1.032		1.184			AVE. I & 165th ST E. 1/4 COR. 9, 16
⊼	2698.038	-8.888	-8.887			T7N R9W Top C.S. MON. 4" up.
−	9.920		10.071			
TP	2688.118					
+	0.978		0.652			
⊼	2689.096	-9.612	-9.615			
−	10.590		10.267			
TP	2678.506					
+	1.793		1.979			
⊼	2680.299	-8.065	-8.064			
−	9.858		10.043			
TP	2670.441					
+	1.038		1.144			
⊼	2671.479	-9.272	-9.274			
−	10.310		10.418			
TP	2661.169					

NOTES RED. ____ JOB NO. 5354.16 SURVEY OF WATER WORKS DIST #35
DATE ____ SURVEY BY JS COATES
NOTES CHKD. ____ NOTES BY JSC DATE 6-4-64
DATE ____ INDEXED J. GALL DATE ____

F.B. ____ PG. 43

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 5-354 16 SURVEY OF Water Works Dist #35
SURVEY BY JS Coates
NOTES BY JSC DATE 6-5-64
INDEXED J. GALLI DATE
NOTES RED DATE
NOTES CHKD DATE

F. B. 3187 PG. 44

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	2661.169					
+	0.489		0.516			
⅄	2661.658	-9.643	-9.644			
−	10.132		10.160			
TP	2651.526					
+	0.540		0.636			
⅄	2652.066	-8.319	-8.315			
−	8.859		8.951			
TP	2643.207					
+	2.097		2.261			
⅄	2645.304	-7.654	-7.655			
−	9.751		9.916			
T.P.	2635.553					
+	1.290		1.383			
⅄	2636.843	-7.619	-7.620			
−	8.909		9.003			
T.P.	2627.934					
+	1.635		1.684			
⅄	2629.569	-7.013	-7.015			
−	8.648		8.699			
TP	2620.921					
+	1.483		1.520			
⅄	2622.404	-6.169	-6.170			
−	7.652		7.690			
TP	2614.752					
+	1.470		1.464			
⅄	2616.222	-6.558	-6.557			
−	8.028		8.021			
TP	2608.194					

76S420 S & E-353 4-54

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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	2608.194					
+	1.247		1.264			
π	2609.441	-7.113	-7.114			
—	8.360		8.378			
TP	2601.081					
+	1.305		1.401			
π	2602.386	-7.384	-7.384			
—	8.689		8.785			
TP	2593.697					
+	2.681		2.702			
π	2596.378	-4.184	-4.184			
—	6.865		6.886			
SET BMNC1096	2589.513					BMNC1096 ELEV: FB 3187-45
+	2.799		2.805			AVE I & 160TH ST. E. & INT. SEC. COR.; 8,9,
π	2592.312	-5.128	-5.128			16,17 T7N R9W (TOP E. SIDE) C.S. MON
—	7.927		7.933			12"DN
TP	2584.385					
+	1.527		1.610			
π	2585.912	-6.183	-6.185			
—	7.710		7.795			
TP	2578.202					
+	1.189		1.275			
π	2579.391	-6.116	-6.116			
—	7.305		7.391			
TP	2572.086					
+	2.241		2.363			
π	2574.327	-5.287	-5.286			
—	7.528		7.649			
TP	2566.799					

NOTES RED _____ JOB NO 5354.16 SURVEY OF WATER WORKS DIST #35
DATE _____ SURVEY BY J S COATES
NOTES CHKD _____ NOTES BY J S C DATE 6-5-64
DATE _____ INDEXED C. J. GALLI DATE [illegible]

F.B. 3187 PG. 45

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 5354.16 SURVEY OF WATER WORKS DIST #35 NOTES RED. DATE
SURVEY BY T.S. COATES
NOTES BY TSC DATE 6-5-64 NOTES CHKD DATE
INDEXED [redacted] DATE

F.B. 3187 PG. 46

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2566.799					
+	1.259		1.305			
π	2568.058	-7.206	-7.205			
−	8.465		8.510			
TP	2559.593					
+	2.264		2.415			
π	2561.857	-5.105	-5.105			
−	7.369		7.520			
TP	2554.488					
+	1.599		1.751	1.798		
π	2556.087	-7.149	-7.156	-7.148		
−	8.748		8.907	8.946		
TP	2547.339					
+	2.247		2.210			
π	2549.586	-5.109	-5.112			
−	7.356		7.322			
TP	2542.230					
+	1.435		1.456			
π	2543.665	-4.753	-4.749			
−	6.188		6.205			
TP	2537.477					
+	2.334		2.445			
π	2539.811	-5.563	-5.561			
−	7.897		8.006			
TP	2531.914					
+	2.862		2.954			
π	2534.776	-3.843	-3.847			
−	6.705		6.801			
TP	2528.071					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2528.071					
+	4.081		4.000			
π	2532.152	-4.369	-4.367			
−	8.450		8.367			
SET BMNC1097	2523.702					BMNC1097 ELEV: F.B. 3187-47
+	3.594		3.581			AVE. I & 155TH ST. E. & INT. 1/4 COR 8,17
π	2527.296	-3.078	-3.082			T7N R9W (TOP E. SIDE) C.S. MON 12" DN.
−	6.672		6.663			
TP	2520.624					
+	3.533		3.624			
π	2524.157	-3.237	-3.236			
−	6.770		6.860			
TP	2517.387					
+	2.554		2.690			
π	2519.941	-4.883	-4.884			
−	7.437		7.574			
TP	2512.504					
+	3.007		3.068			
π	2515.511	-3.860	-3.859			
−	6.867		6.927			
TP	2508.644					
+	2.855		2.904			
π	2511.499	-4.210	-4.211			
−	7.065		7.115			
TP	2504.434					
+	2.388		2.336			
π	2506.822	-4.198	-4.200			
−	6.586		6.536			
TP	2500.236					

NOTES RED. JOB NO. 5354/16 SURVEY OF WATER WORKS DIST. #35 F.B. 3187 PG. 41
DATE SURVEY BY T S COATES
NOTES CHKD. NOTES BY T S C DATE 6-5-64
DATE INDEXED C. J. GAIN DATE

76S420 S & E-35S 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 5354.16 SURVEY OF WATER WORKS DIST #35
SURVEY BY J S C COATES
NOTES BY J S C DATE 6-5-64
INDEXED [redacted] DATE
NOTES RED. DATE
NOTES CHKD DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2500.236					
+	3.790		3.810			
π	2504.026	-1.635	-1.635			
−	5.425		5.445			
TP	2498.601					
+	2.644		2.750			
π	2501.245	-5.049	-5.053			
−	7.693		7.803			
TP	2493.552					
+	2.362		2.390			
π	2495.914	-3.622	-3.621			
−	5.984		6.011			
TP	2489.930					
+	3.742		3.810			
π	2493.672	-2.723	3.726			
−	6.465		6536			
TP	2487.207					
+	2.597		2.580			
π	2489.804	-3.562	3.563			
−	6.159		6.143			
TP	2483.645					
+	3.597		3.599			
π	2487.242	-2.637	-2.640			
−	6 234		6239			
SET BMNC1098	2481.008					BMNC1098 ELEV. F.B. 3187-48
+	3.487		3.568			AVE. I & 150TH ST. E. & INT. SEC. COR 7,8,17,18
π	2484.495	-3.219	-3.220			T 7N R 9W TOP C.S. MON 14" DN
−	6.706		6.788			
TP	2477.789					

F.B. 3187 PG. 48

76S420 S & E-353 4-54

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NOTES RED ____ JOB NO 5354.16 SURVEY OF WATER WORKS #35
DATE ____ SURVEY BY J S COATES
NOTES CHKD ____ NOTES BY J S C DATE 6-8-64
DATE ____ INDEXED ____ J. GALLI DATE ____

F. B. 3187 PG 48 A

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2477.789					
+	2.784		2.833			
π	2480.573	-4.056	-4.057			
−	6.840		6.890			
TP	2473.733					
+	3.009		2.998			
π	2476.742	-3.627	-3.626			
−	6.636		6.624			
TP	2470.106					
+	4.561		4.652			
π	2474.667	-0.842	-0.841			
−	5.403		5.493			
TP	2469.264					
+	4.437		4.462			
π	2473.701	-0.629	-0.626			
−	5.066		5.088			
TP	2468.635					
+	4.473		4.517			
π	2473.108	-0.555	-0.554			
−	5.028		5.071			
TP	2468.080					
+	5.105		5.130			
π	2473.185	+0.486	+0.483			
−	4.619		4.647			
TP	2468.566					
+	3.008		2.993	2.933		
π	2471.574	-1.836	-1.846	-1.836		
−	4.844		4.839	4.769		
TP	2466.730					

76S420 S & E-353 4-54

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JOB NO. 5354.16 SURVEY OF WATER WORKS DIST #35 NOTES RED. DATE
SURVEY BY T S C COATES NOTES CHKD
NOTES BY T S C DATE 2-8-64 DATE
INDEXED J. GALL DATE

F.B. 3187 Pg. 48B

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2466.730					
+	4.171		4.212			
π	2470.901	− 0.872	−0.873			
−	5.043		5.085			
TP	2465.858					
+	5.358		5.279			
π	2471.216	+ 0.194	+ 0.193			
−	5.164		5.086			
SET BMNC 1099	2466.052					BMNC 1099 ELEV: F.B. 3187-48B
+	6.239		6.393			AVE I & 145TH ST. E. & INT 1/4 COR 7,18
π	2472.291	−2.194	−2.196			T7N R9W R.E. 2177 (TOP) FD C.S. MON 12" UP
−	8.433		8.589			
TP	2463.858					
+	4.435		4.402			
π	2468.293	− 0.682	− 0.685			
−	5.117		5.087			
TP	2463.176					
+	4.203		4.152			
π	2467.379	− 1.043	− 1.040			
−	5.246		5.192			
TP	2462.133					
+	4.928		4.879			
π	2467.061	+ 0.484	+ 0.483			
−	4.444		4.396			
SET BMNC 1100	2462.617					BMNC 1100 ELEV: F.B. 3187-48B
+	5.048		5.102			AVE. I 750'± W. of 1/4 COR 7,18
π	2467.665	+ 0.786	+ 0.789			T7N R9W. & 100'± N. ℄ AVE I
−	4.262		4.313			FD. U.S.C & G.S. Δ sta. "IVY 1947"
TP	2463.403					in 12"X12" CONC. POST 4" UP

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	2463.403					
+	4.940		4.782			
π	2468.343	- 1.357	- 1.355			
—	6.297		6.137			
TP	2462.046					
+	5.189		5.138			
π	2467.235	+ 1.273	+ 1.274			
—	3.916		3.864			
TP	2463.319					
+	4.275		4.226			
π	2467.594	- 1.714	- 1.714			
—	5.989		5.940			
TP	2461.605					
+	4.415		4.337			
π	2466.020	- 0.408	- 0.409			
—	4.823		4.746			
TP	2461.197					
+	4.750		4.728			
π	2465.947	- 0.607	- 0.609			
—	5.357		5.337			
TP	2460.590					
+	4.630		4.700			
π	2465.220	- 0.798	- 0.798			
—	5.428		5.498			
TP	2459.792					
+	5.438		5.368			
π	2465.230	- 0.970	- 0.969			
—	6.408		6.337			
FD BM 106-104	2458.822					

BM 106-104 Elev. 2458.832 FB. 2418-110
140th St. E. & Ave. I ℄ INT. A precast
mon. stamped "County Surveyor RE2177
T7N R9W 12,13,7,18 ". Set 21"
below the Surface & protected by
a Co. Engr cast iron cover

NOTES RED _____ JOB NO. 5354-16 SURVEY OF Water Works Dist #35
DATE _____ SURVEY BY J S Coates
NOTES CHKD _____ NOTES BY J S C DATE 6-8-64
DATE _____ INDEXED E. J. GALLI DATE _____

F. B. 3187 Pg. 48C

Notes Ck'd by	Survey of Well Site #1 W.W.#35 F. B. 3187 Pg. 49
Map No.	JN 5354.06 Tape 197 Std 84 °F
Office Work	Surveyed by J S COATES
Checked	Notes JSC Date 5-18-64
Date	Indexed E. J. GALLI [redacted]

J. N. 5354.06

WELL SITE #1

FOR

WATER WORKS #35

COATES
VAN NESS
HILL
MITCHELL
RITTER

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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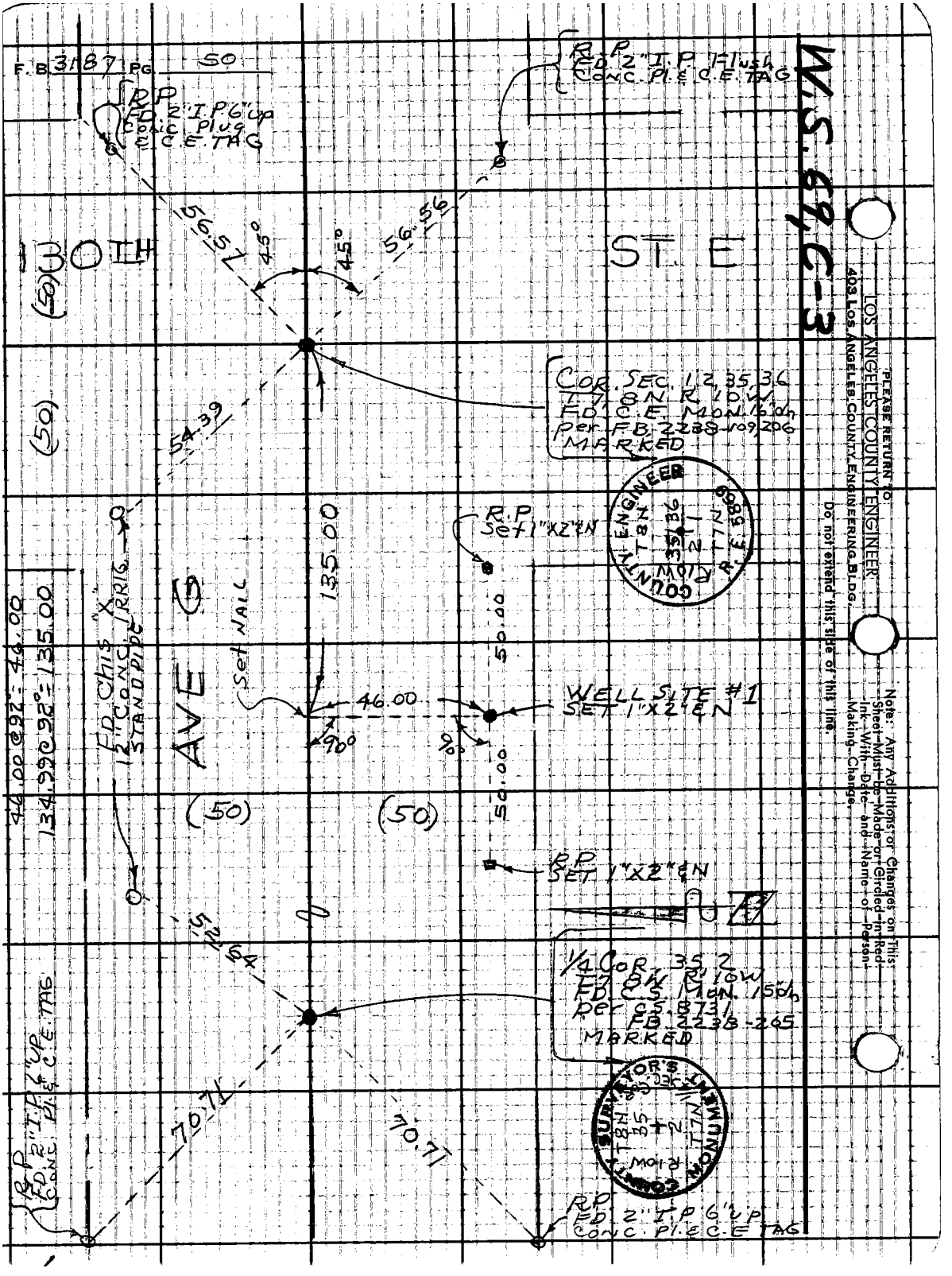
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62


F.B. 3187 PG. 50
R.P. FD. 2" I.P. 6" up Conc. Plug & C.E. TAG
R.P. FD. 2" I.P. Flush Conc. Pl. & C.E. TAG
130TH ST. E
(50)
56.57
56.56
45°
45°
54.39
COR. SEC. 1, 2, 35, 36 T.7 8N R. 10W FD. C.E. MON. 16" dn per F.B. 2238-109, 206 MARKED
R.P. Set 1"X2" & N
135.00
50.00
50.00
46.00
90°
90°
WELL SITE #1 SET 1"X2" & N
AVE G
Set NAIL
FD. Chis "X" 12" Conc. IRRIG. STANDPIPE
46.00 @ 92° = 46.00
134.99 @ 92° = 135.00
(50)
(50)
R.P. SET 1"X2" & N
52.64
1/4 COR. 35, 2 T.7 8N R. 10W FD. C.S. MON. 15" dn per C.S. 8731 FB. 2238-265 MARKED
70.71
70.71
R.P. FD. 2" I.P. 6" up Conc. Pl. & C.E. TAG
R.P. FD. 2" I.P. 6" up Conc. Pl. & C.E. TAG
COUNTY ENGINEER R.E. 5868 T.8N 35 36 2 1 T.7N R.10W
COUNTY SURVEYOR'S MONUMENT R.10W T.8N 35 2 1 T.7N
W.S. 69, C-3
PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.
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Profile No.	Notes Red Date	Plotted Date	Job No. 5354.16	Division No.	F.B. 3187	P.G. 51
X-Sec. No.	Notes Chkd. M. HAMASU Date	Checked Date	Survey of Well Site #1		W.W. #35	
			Survey by J.S.C	Notes JSC	Date 5-19-64	
			Map No.	Indexed E. J. GALM	Date	

J.N. 5354.16

WELL SITE #1

IN

WATER WORKS #35

CROSS-SECTION

ON

AVE. G

0+65 - well site #1

55+43.90 - 140th ST. E

COATES
VAN NESS
HILL
MITCHELL

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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
BMNC1069				2408.00	BM NC1069 Elev. 2407.995 F.B. 3187-8	
	487	2412.87			AVE. G & 130th ST. E. ℄ INT. Cor. Sec.	
					1,2,35,36 T7,8N R10W Top C.E. Mon. 12" dn	
					LT ℄	RT
0+15			4.50	08.37		46' Top 1x2" R.P.
0+65			4.9	08.0	℄	
"			4.60	08.27		46' Well site
1+00			5.0	07.9	℄	
"			4.6	08.3		50'
1+15			4.63	08.24		46' Top 1x2" R.P.
2+00			4.6	08.3	℄	
"			4.9	08.0		50'
3+00			4.3	08.6	℄	
"			4.3	08.6		50'
4+00			4.8	08.1	℄	
"			3.2	09.7		50'
	524	2413.67	4.44	2408.43		
5+00			5.6	08.1	℄ 7.3	
"			5.1	08.6		50'
6+00			5.2	08.5	℄	
"			4.6	09.1		50'

F.B. 3187 Pg. 52 Job No. 5354.16 Division No. Notes Red Plotted Profile
Survey of Well Site #1 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed E. J. GAUL Date Date No.

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.	LT	℄	RT
7+00 ⊙		2413.67	4.8	08.9		℄	
"			4.5	09.2			50'
	5.48	2414.32	4.83	2408.84			
8+00			5.0	09.3		℄	
"			4.8	09.5			50'
9+00			4.8	09.5		℄	
"			4.7	09.6			50'
TP	5.03	2414.85	4.50	2409.82			
10+00			4.9	10.0		℄	
"			5.0	09.9			50'
11+00			4.8	10.1		℄	
"			4.7	10.2			50'
12+00 ⊙			4.2	10.7		℄	
"			4.2	10.7			50'
	5.25	2415.91	4.19	2410.66			
13+00			4.7	11.2		℄	
"			5.0	10.9			50'
14+00			4.2	11.7		℄	
"			3.4	12.5			50'
	5.98	2417.50	4.39	2411.52			
15+00			5.7	11.8		℄	
"			5.4	12.1			50'
16+00			5.1	12.4		℄	
X "			5.1	12.4			50'

Profile No. X-Sec. No.
Notes Red Date
Notes Checked M. HAMASU Date
Plotted Date
Job No. 5354.16 Division No.
Survey of Well Site #1
Survey by JSC Notes JSC Date 5-19-64
Map No. Indexed J. GALLI Date

3137 53

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LT	℄	RT
		2417.50					
17+00			4.9	2412.6		℄	
"			4.8	12.7			50'
	5.20	2417.90	4.80	2412.70			
18+00			5.3	12.6		℄	
"			4.5	13.4			50'
19+00			5.0	12.9		℄	
"			4.6	13.3			50'
	4.58	2418.11	4.37	2413.53			
20+00			4.9	13.2		℄	
"			4.6	13.5			50'
21+00			5.1	13.0		℄	
"			4.8	13.3			50'
22+00			5.2	12.9		℄	
"			4.8	13.3			50'
	5.30	2418.37	5.04	2413.07			
23+00			5.6	12.8		℄	
"			5.1	13.3			50'
24+00			5.5	12.9		℄	
"			4.8	13.6			50'
25+00 ⊗			5.2	13.2		℄	
"			4.7	13.7			50'
	5.25	2418.46	5.16	2413.21			
26+00			5.3	13.2		℄	
"			4.8	13.7			50'

Profile No. ____ Plotted ____ Date ____ Checked ____ Date ____
X-Sec. No. ____ Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. 5354.16 Job No. Site #1 Notes JSC Date ____
Survey of Well Survey by JSC Indexed G. J. GALLI
F.B. 3187 Pg. 54

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LT	℄	RT
27+00		241846	5.3	2413.2		℄	
"			4.9	13.6			50'
28+00	5.25	2418 64	5.07	2413.39		℄	
			5.2	13.4			
"			4.5	14.1			50'
28+7	℄ INT. AVE G & 135th ST. E		5.0	13.6		℄	
"			4.8	13.8			50'
BMNC1067	615	241901	5.78	2412.86	BMNC1067 Elev. 2412.84 F.B. 3187-7		
					AVE. G & 135th ST. E. ℄ INT. 1/4 Cor Sec. 1, 36		
					Top C.S. Mon.		
30+00			5.1	13.9		℄	
"			4.5	14.5			50'
31+00			5.0	14.0		℄	
"			4.4	14.6			50'
32+00	559	241942	5.18	2413.83		℄	
			5.3	14.1			
"			4.9	14.5			50'
33+00			4.1	15.3		℄	
"			4.0	15.4			50'
34+00			4.1	15.3		℄	
"			3.7	15.7			50'
35+00	641	242169	4.14	2415.28		℄	
			5.5	16.2			
"			4.3	17.4			50'

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5354.16 Division No. ____ 3187 33
X-Sec. No. ____ Date ____ Date ____ Survey of Well Site #1
Notes Chk. M. HAMASU Checked ____ Survey by JSC Notes JSC Date 5-19-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAUL Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	LT	℄	RT
36+00		2421.69	43	2417.4		℄	
"			31	18.6			50'
37+00	6.80	2424.83	3.66	2418.03			
			6.2	18.6		℄	
"			48	20.0			50'
38+00			46	20.2		℄	
"			36	21.2			50'
39+00			31	21.7		℄	
"			25	22.3			50'
40+00	6.62	2428.69	2.76	22.07			
			5.3	23.4		℄	
"			5.2	23.5			50'
41+00			3.8	24.9		℄	
"			4.2	24.5			50'
42+05.56	5.61	2431.83	2.47	26.22			
			5.1	26.7		℄	
"			5.1	26.7			50'
42+05.56	℄ INT.	AVE. G & 137th ST. E	4.44	27.39			82' Top E. end of S.E.C.R.
	7.21	2434.66	4.38	2427.45			
43+00			6.7	28.0		℄	
"			6.1	28.5			50'
"			7.1	27.6			67 - ℄ pav Service Road
44+00			5.0	29.7		℄	
"			4.1	30.6			50'
"			5.25	29.41			67 - ℄ pav. Serv. Rd

F.B. 3187 PG. 56
Job No. 5354.16 Division No. WW #35
Survey of Well Site #1
Survey by JSC Notes
Indexed C. J. GALD Date
Notes Red Date
Notes Chkd Date
Plotted Date
Checked Date
Profile No. X-Sec. No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	LT	℄	RT
45+00		2434 66	3.1	2431.6		℄	
"			2.5	32.2			50'
"			3.56	31.10			67' ℄ pav Service Rd.
"			3.52	31.14			82' Top cb
	743	2439 50	2.59	2432.07			
46+00			5.8	33.7		℄	
"			5.9	33.6			50'
"			6.38	33.12			70' ℄ pav Service Rd
"			6.29	33.21			90' Top cb
47+00			3.9	35.6		℄	
"			4.2	35.3			50'
"			4.52	34.98			70' ℄ pav. Service Road
TP	724	2444.07	2.67	2436.83			
48+00			6.1	38.0		℄	
"			6.1	38.0			50'
49+00			4.3	39.8		℄	
"			4.5	39.6			50'
50+00			2.0	42.1		℄	
"			2.6	41.5			50'
TP	705	2448.98	2.14	2441.93			
51+00			5.0	44.0			
			5.3	43.7			

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5354.16 Division No. ____ Survey of Well Site #1 WW #35 Survey by JSCoATE Notes JSC Date 5-

X-Sec. No. ____ Notes Chk'd M. HAMASU Date ____ Checked ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3187 PG. 57

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LT. ℄ RT
52+00		2448.98	31	2445 9	℄
"			29	461	50'
TP	669	2453 63	204	244694	
53+00			58	478	℄
"			58	478	50'
54+00			45	491	℄
"			41	495	50'
55+00			26	510	℄
"			28	508	50'
55+42.70			12	524	℄ INT. AVE G & 140th ST. E
			11	525	50' R
BM106-108			256	245107	BM106-108 Elev. 2451.019 FB.2418-114 140th ST. E. & AVE. G. 595' W. ℄ 140th ST. E. & 30' N. ℄ AVE. G. 28.0 W P.P.# 767485E & 67' N.W. of BM 106-108A, A County Eng BM. brass-cap mon. Stamped "BM 106-108 1959 RE 5869" Set 12"X12" Conc pos

F.B. 3187 Pg. 58 Job No. 5354.16 Division No. Notes Red Plotted Profile
Survey of Well Site #1 WW#35 Date Date No. X-Sec.
Survey by JS GATES Notes JSC Notes Chkd. Checked
Indexed C. J. GALLI Date Date No.

Notes Ck'd by	Survey of BOOSTER PLANT SITE
Map No.	JN 5354.08 Tape 197 Std 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes 15 C Date 5-5-64
Date	Indexed C. J. GALIN

F. B. 3187 PG. 59

J.N. 5354.08

BOOSTER PLANT PUMP SITE

WW #35

COATES
VANNESS
HILL
MITCHELL
RITTER

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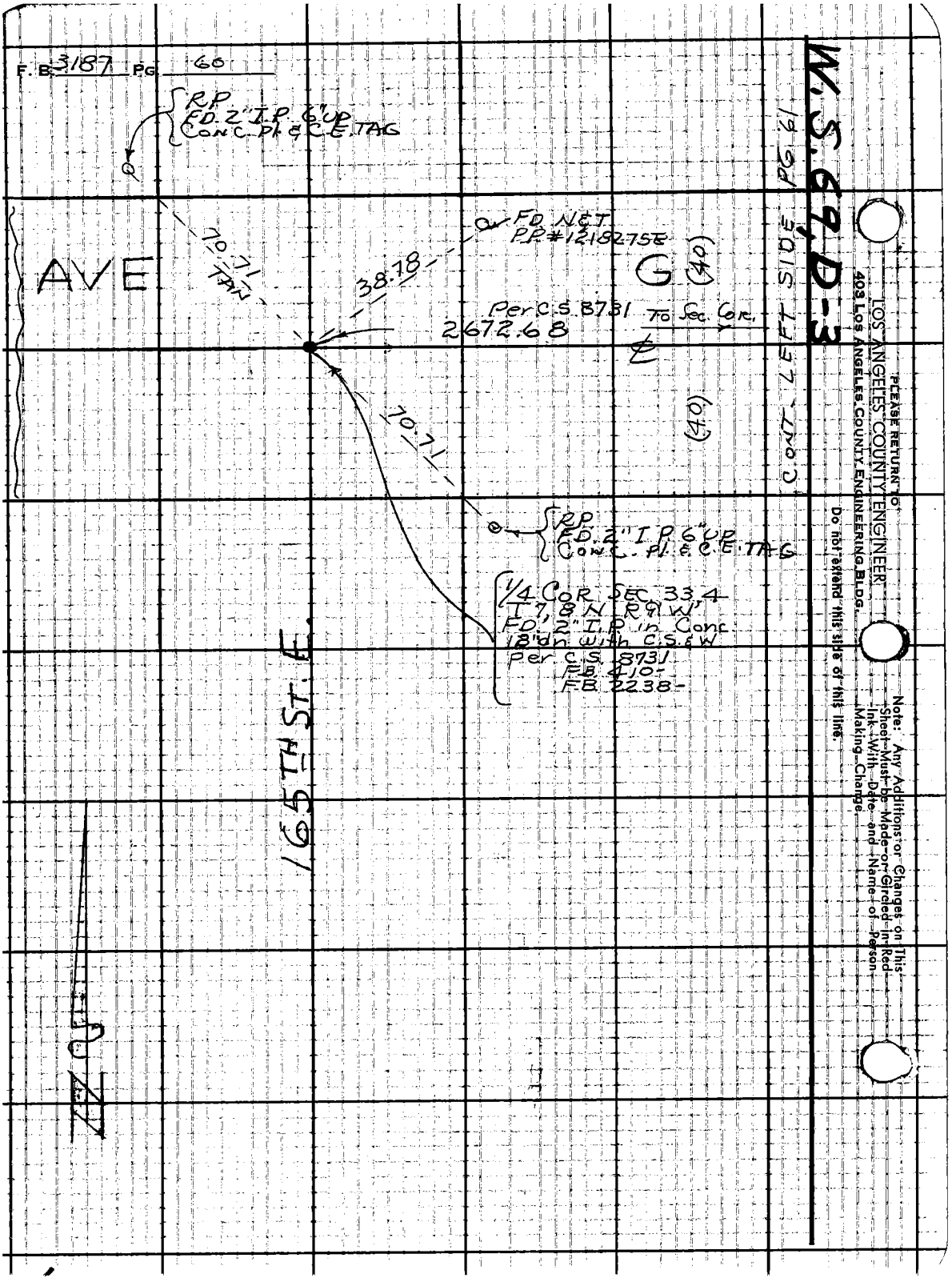
403 Los Angeles County Engineering Bldg.

76F309S C.E. #310 6-62

F.B. 3187 PG. 60



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W.S.G.S. A-3

Notes Ck'd by WJB	Survey of BOOSTER PLANT SITE
Map No.	JN 535206 Tape 197 Std 84°F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 5-5-64
Date	Indexed C. J. GAUM

F. B. 3187 PG. 61

FROM RT SIDE PG. 60

(40) GENERAL LAND OFFICE PENN'L 1947 U.S. 4260 FOR T7N R9W S4 RM

RP FD 2" I.P. 6" UP CONC PI & C.E. TAG

FD G.L.O. MON REFERENCE PT MARKED

TO 1/4 COR. 2672.68 per CS8731

20.71 TAN

42.43

60.75

RP FD 2" I.P. PI & NAIL

FD NGT PP#1218284E

175.00

Set S.W. & T

AVE G

50.00

29.61

42.38

29.97

130.46

FD 2X2 LS2249 .03

SEE FB 7238-21

90° 13' 6"

55"

Set 1" I.P. 2" UP CONC. PI & C.E. TAG

RP FD 2" I.P. 6" UP CONC. PI & C.E. TAG

BOOSTER PUMP PLANT SITE

Runup For "A" "B" & "C" & "D"

(A) 90° 13' 50"
(B) 360° 55' 40"
90° 13' 55"
(C) 181° 23' 50"
90° 13' 58 1/3"

280.00

Per FB 410-205

COR. SEC. 3, 4, 33, 34 T7, 8 N R9W FD. C.S. M 8781 REF. C.S. 8781 MARKED RP FD 2" I.P. 6" UP CONC. PI & C.E. TAG

COUNTY SURVEY T8N R9W 33 34 4 3 T7N MONUMENT

90° 13' 55"

Set 2" I.P. 2" UP CONC. PI & C.E. TAG

Set 1" I.P. 2" UP CONC. PI & C.E. TAG

175.00

2848.20

170th ST

To 1/4 Cor

175.04 @ 48° = 175.00
50.01 @ 48° = 50.00
280.07 @ 48° = 280.00

CONT. TO P PG. 62

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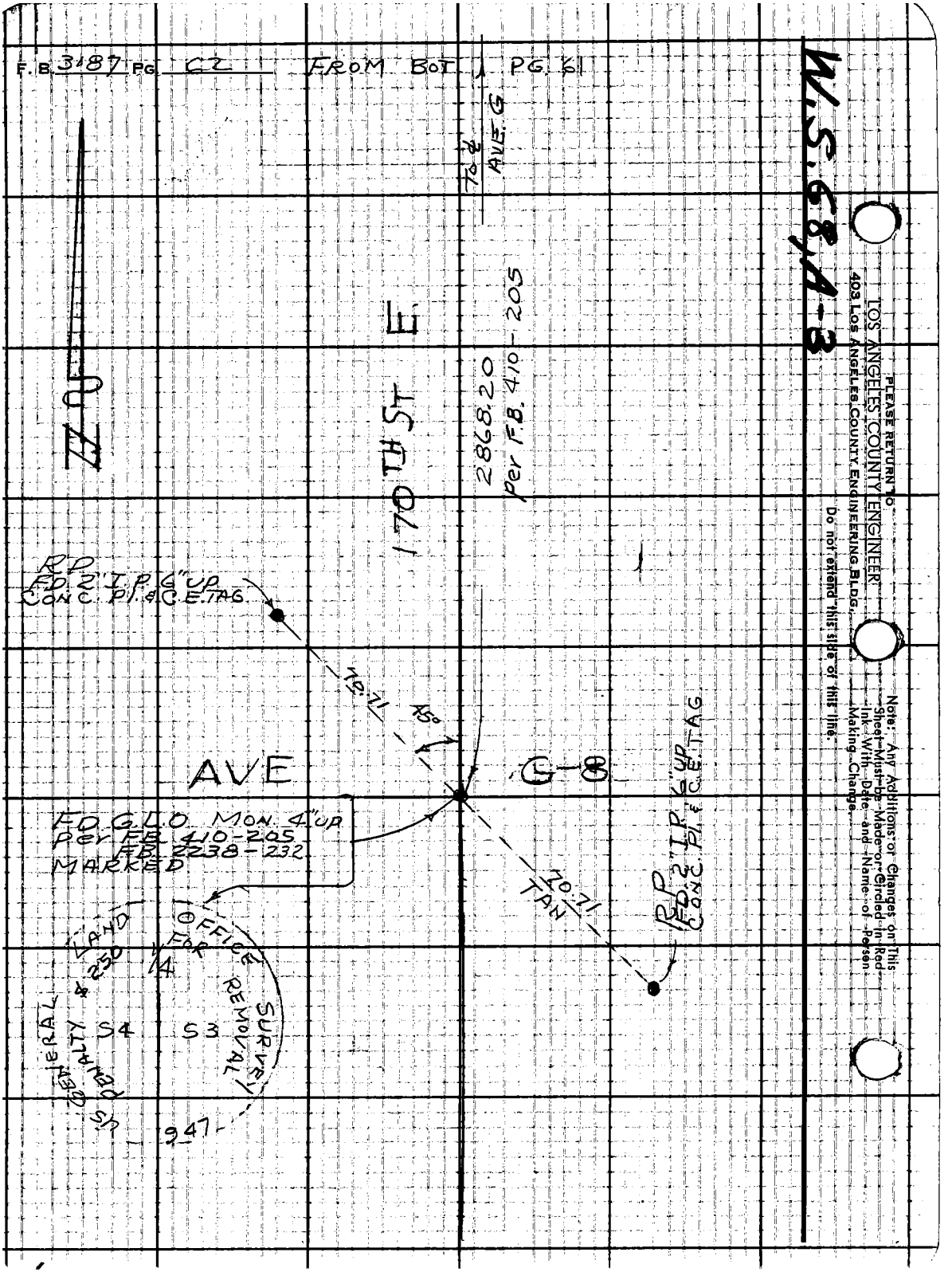
76F309S CE #310 6-62


F.B. 3187 PG. 62
FROM BOT PG. 61
W.S. 68, A-3
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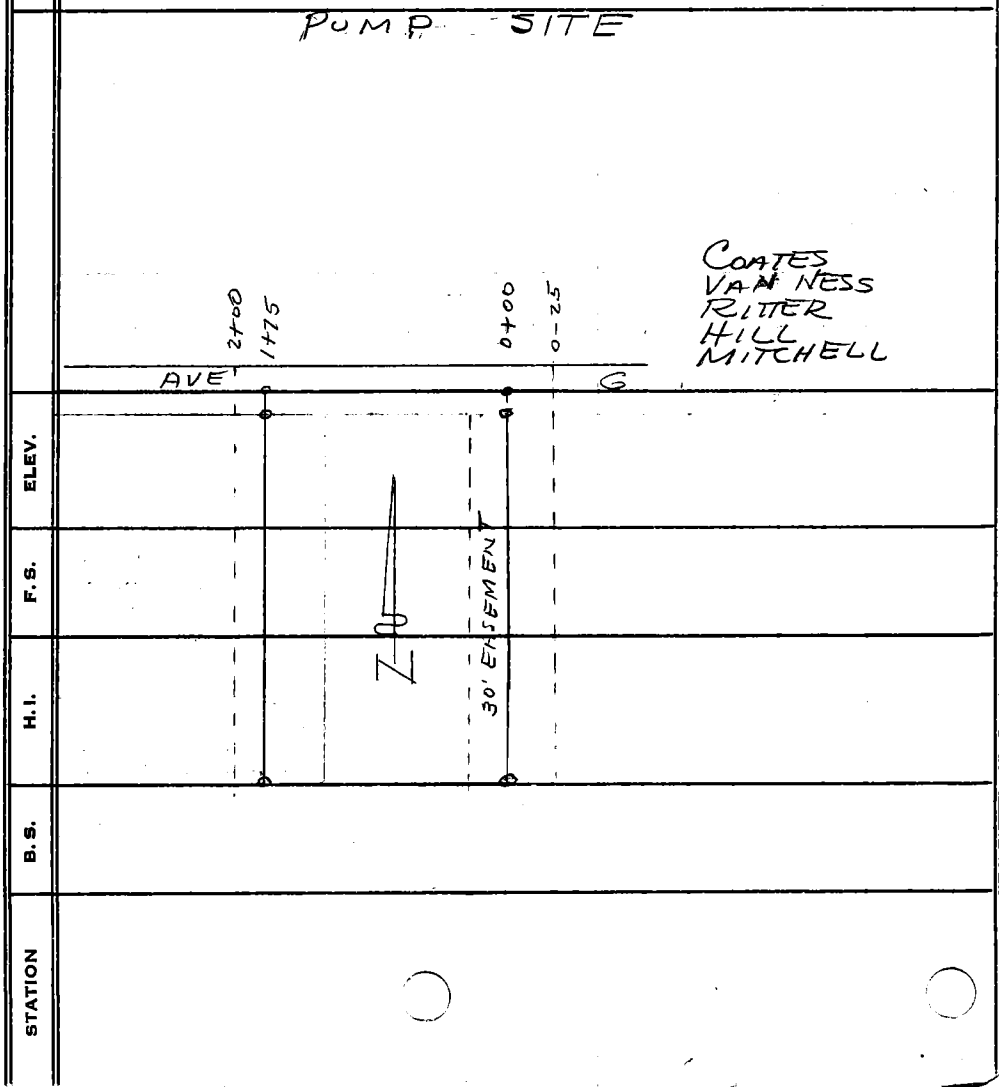
TO ℄ AVE. G
170TH ST E
2868.20
per F.B. 410-205
RP
FD. 2" I.P. 6" UP
CONC. PL. & C.E. TAG
70.71
45°
AVE G-8
FD. G.L.O. MON. 4" UP
per F.B. 410-205
F.B. 2238-232
MARKED
70.71
TAN
RP
FD. 2" I.P. 6" UP
CONC. PL. & C.E. TAG
LAND OFFICE SURVEY
FOR REMOVAL
1/4
S4
S3
US GENERAL PENALTY $250
947

Profile No.	Notes Red	Plotted	Job No. 5354.08	Division No.	3/81 63
	Date	Date	Survey of WATER WORKS #35		
X-Sec. No.	Notes Chkd.	Checked	Survey by JS COATES	Notes JSC	Date 5-7-64
	Date	Date	Map No.	Indexed C. J. GAM	Date

J.N. 5354.08

BOOSTER PLANT PUMP SITE

CROSS-SECTIONS ON PUMP SITE



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STATION	B.S.	H.I.	F.S.	ELEV.		
BMNC 1078				2934.06	BMNC 1078 Elev. 2934.063	F.B. 3187-24
					AVE. G. & 170th ST. E.;	50' E. & 50' S. ℄ INT.
					Brass-nail in 2" I.P.	10" up
0-25				3428		℄ AVE. G.
"				3390	10' L edge pav.	
"				330	21' L flow Line	
"				336	27' L Top brk	
"				33.1	50' L P/L	
"				312	100' L	
"				287	150' L	
"				264	200' L	
"				245	250' L	
"				221	300' L	
"				204	330' L	
"				194	350' L	
0+00				3371		℄ AVE G.
"				33.31	10' L edge pav	
"				32.6	20' L flow Line	
"				33.0	29' L	
" TBM#1				31.85	50' L TBM#1 Top 1" I.P. @ N.E. Cor. of Site	
"				29.8	100' L	

F.B. 3187 Pg. 64 Job No. 5354.08 Division No. Notes Red Plotted Profile
Survey of BOOSTER PLANT SITE - W/W #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed R. J. GAIN Date Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

7.3

STATION	B.S.	H.I.	F.S.	ELEV.		
0+00				278	150'L	
"				259	200'L	
"				235	250'L	
"				204	300'L	
" TBM#2				19.83	330'L	TBM#2 Top 1" I.P. @ S.E. Cor. of Site
"				19.1	350'L	
0+12				31.3	30'L	
"				301	50'L	
"				282	100'L	
"				26.3	150'L	
"				24.3	200'L	
"				220	250'L	
"				200	300'L	
"				187	330'L	
"				185	350'L	
0+25				33 14		℄ AVE. G
"				32 78	10'L	edge pav
"				321	28'L	flow Line
"				324	30'L	
"				310	50'L	P/L
"				29 3	100'L	

Profile Notes Red ____ Plotted ____ Job No. 5354.0 B Division No. ____ P.B. 3187 Pg. 65
No. ____ Date ____ Date ____ Survey of BOOSTER PLANT SITE
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 5-18-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+25				275	150'L	
"				249	200'L	
"				231	250'L	
"				220	300'L	
"				206	330'L	
"				195	350'L	
0+50				3260		℄ AVE. G.
"				3217	10'L edge pav	
"				313	20'L flow line	
"				318	30'L brk	
"				30.4	50'L P/L	
"				293	100'L	
"				270	150'L	
"				247	200'L	
"				232	250'L	
"				213	300'L	
"				195	330'L	
"				18.7	350'L	
0+75				3208		℄ AVE G
"				3162	10'L edge pav	
"				308	20'L flow line	

F.B. 3187 Pg. 66
Job No. Division No. Notes Red Plotted Profile
Survey of BOOSTER PLANT SITE Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
0+75				305	27'L brk	
"				301	50'L P/L	
"				277	100'L	
"				262	150'L	
"				253	200'L	
"				225	250'L	
"				197	300'L	
"				190	330'L	
"				192	350'L	
1+00				31.54		℄ AVE. G
"				31.08	10'L edge pav	
"				30.3	20'L flow line	
"				308	26'L brk	
"				295	50'L P/L	
"				278	100'L	
"				255	150'L	
"				236	200'L	
"				216	250'L	
"				202	300'L	
"				182	330'L	
"				178	350'L	

Profile Notes Red ____ Plotted ____ Job No. 5334.08 Division No. ____ 3181 67
No. ____ Date ____ Date ____ Survey of BOOSTER PLANT SITE
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 5-18-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAIN Date ____

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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.		
1+25				3096		℄ AVE. G
"				3050	10'L edge pav	
"				296	20'L flow Line	
"				302	26'L brk	
"				291	50'L P/L	
"				267	100'L	
"				250	150'L	
"				228	200'L	
"				216	250'L	
"				186	300'L	
"				174	330'L	
"				170	350'L	
1+50				3031		℄ AVE. G.
"				2984	10'L edge pav	
"				289	20'L flow Line	
"				294	26'L brk	
"				294	50'L P/L	
"				275	100'L	
"				243	150'L	
"				222	200'L	
"				204	250'L	

F.B. 3187 Pg. 68 Job No. 5354.08 Division No. Notes Red Plotted Profile
Survey of BOOSTER PUMP SITE Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed R. J. GAIN Date Date Date No.

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.		
1+50				181	300' L	
"				168	330' L	
"				162	350' L	
1+75 =	W. Prop. Line			2956		℄ AVE G
"				2906	10' L edge pav	
"				282	20' L flow Line	
"				287	26' L brk	
" TBM#3				2860	50' L P/L TBM#3 Top 1" I.P. @ N.W. Cor. of Site	
"				258	100' L	
"				246	150' L	
"				216	200' L	
"				195	250' L	
"				175	300' L	
" TBM#4				1657	330' L TBM#4 Top 1" I.P. @ S.W. Cor. of Site	
"				154	350 L	
2+00				2874		℄ AVE. G.
"				2827	10' L edge pav	
"				275	20' L flow Line	
"				281	26' L brk	
"				280	50' L P/L	
"				256	100' L	

Profile Notes Red ____ Plotted ____ Job No. 5354.00 Division No. ____ 3101 69
No. ____ Date ____ Date ____ Survey of BOOSTER PLANT SITE
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 5/18/64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+00				237	150'L	
"				210	200'L	
"				199	250'L	
"				176	300'L	
"				154	330'L	
"				147	350'L	
T.P.				2757		
BM NC1077				2931.81	BM NC1077 Elev. 2931.808 F.B. 3187 - 23 AVE G. & 170th St. E.; ℄ INT. Cor. Sec 3, 4, 33, 34 T 7, 8N R 9W FD. C.S. Mon. in Well & Cover	

F. B. 3187 PG. 70 | Job No. 535408 | Division No. PLANT SITE | Notes Red | Date | Plotted | Date | Profile No. | X-Sec. No.

Survey of BOOSTER | Notes JSC | Notes Chkd. | Checked | Date | Date

Survey by JSC | Indexed C. J. GALM | Date

Notes Ck'd by	Survey of Water Works #35
Map No.	JN 5354-08 Tape 197 Std. 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 5-8-64
Date	Indexed C. J. GAIN

F. B. 3187 PG. 71

J.N 5354.08

WATER WORKS DIST #35

LOCATION
OF
IMPROVEMENTS
ON
180TH ST. E
FROM
AVE. G TO AVE. H

COATES
VAN NESS
HILL
MITCHELL
RITTER

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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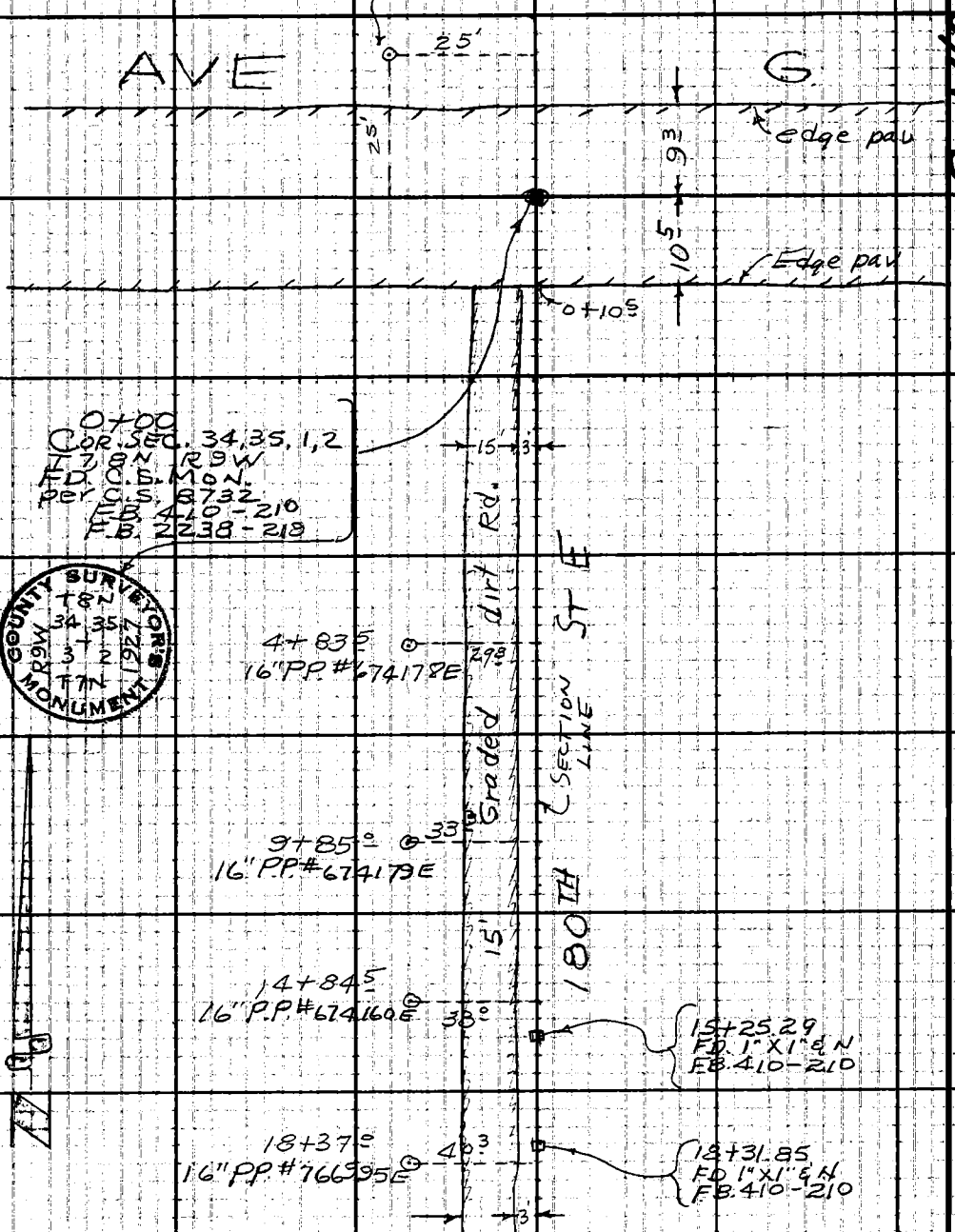
76F309S CE #310 6-62

F.B. 3187 PG. 72



TO TOP PG. 73

W.S. 684-3

LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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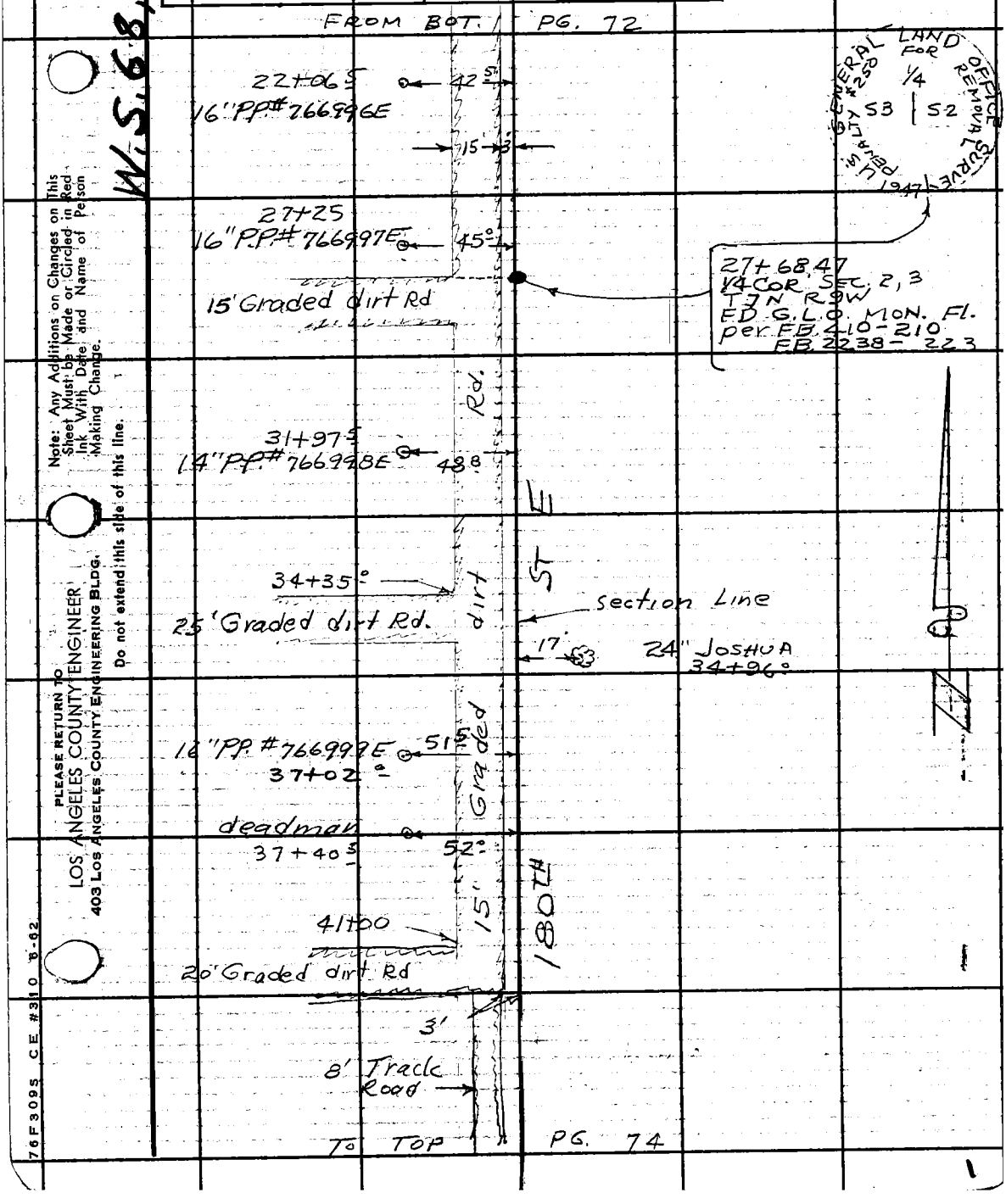
W.S.68, A-3

Notes Ck'd by	Survey of WATER WORKS #35	F. B. 3187 PG. 73
Map No.	JN 5354.08 Tape 197 Std 84 °F	
Office Work	Surveyed by JS COATES	
Checked	Notes JSC Date 5-8-64	
Date	Indexed E. J. GALLI	



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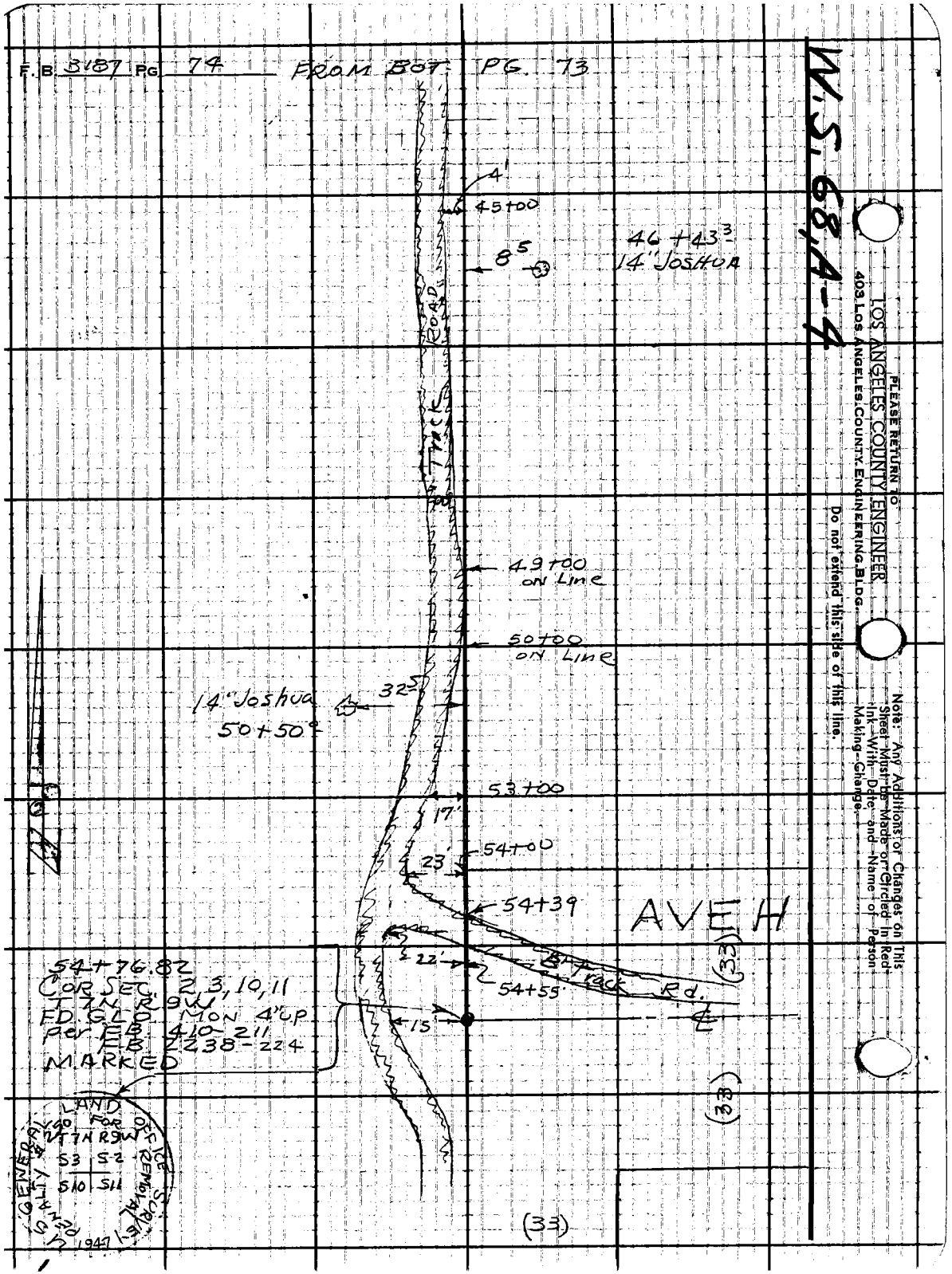
76F3095 CE #310 6-62

F.B. 3187 PG. 74 FROM BOT. PG. 73



W.S. 68A-4

LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile No.	Notes Red Date	Plotted Date	Job No. 5354.08	Division No. 3187	75
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey of WATER WORKS DIST #35		
			Survey by JSC	Notes JSC	Date 5-21-64
			Map No.	Indexed C. J. CALLI	Date

J.N. 5354.08

WATER WORKS DIST #35

CROSS-SECTIONS
ON
180th ST. E

FROM
AVE. G TO AVE. H.

COATES
VAN NESS
MITCHELL
RITTER
HILL

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

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76-1298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
BMNC 1082				305147	BM NC1082 Elev: 3051.475 F.B. 3187-27	
					AVE G. & 180th ST. E. 50'E. & 50'S. ℄ INT.	
					FD. Brass-nail in 2" I.P.	
0+00	℄ INT.	180th ST. E.	& AVE G	48.77	℄ INT	
"				49.58	30'L	
0+10.5				48.85	℄	
"				49.58	30'L	
0+23				49.2	℄	Flow Line of AVE G
"				49.7	30'L	" " "
0+30				50.5	℄	
"				50.5	30'L	
1+00				52.3	℄	
"				53.4	30'L	
2+00				56.7	℄	
"				56.5	30'L	
T.P.				56.78		
3+00				60.1	℄	
"				60.9	30'L	
4+00				64.6	℄	
"				65.3	30'L	
TP				64.57		

F.B. 3187 Pg. 76 Job No. 5354.08 Division No. Notes Red Plotted Profile
Survey of WATER WORKS DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed G. J. GAU Date Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
5+00				3068.6		℄
"				69.3	30'L	
6+00				73.1		℄
"				73.7	30'L	
TP				73.79		
6+55				77.3		℄
7+00				78.9		℄
"				80.0	30'L	
7+30				79.1		℄
"				81.3	30'L	
TP				82.13		
8+00				83.2		℄
"				85.0	30'L	
8+50				82.4		℄
"				84.3	30'L	
9+00				83.7		℄
"				85.0	30'L	
10+00				89.2		℄
"				88.8	30'L	
X TP				90.93		

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 3324.0 Division No. ____ Survey of W. W. DIST. # 35 Survey by JS Coates Notes JSC Date 5-21-64 Map No. ____ Indexed [illegible] J. GALLI Date ____

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

76-L298 CE 307 3-61

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F.B. 3187 Pg. 78 | Job No. 5354.08 | Division No. DIST #35 | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile ____ No. ____
Survey of W.W. DIST | Notes JSC | Notes Chkd. ____ Date ____ | Checked ____ Date ____ | X-Sec. ____ No. ____
Survey by JSC | Indexed [redacted]

STATION	B. S.	H. I.	F. S.	ELEV.	
11+00				3092.7	℄
"				92.3	30'L
12+00				97.6	℄
"				97.8	30'L
T.P.				99.84	
13+00				3101.8	℄
"				02.0	30'L
14+00				05.3	℄
"				05.9	30'L
TP				3108.92	
15+00				10.0	℄
"				09.2	30'L
15+35				11.5	℄
"				10.6	30'L
16+00				11.7	℄
"				10.6	30'L
17+00				10.6	℄
"				09.7	30'L
18+00				11.3	℄
"				10.3	30'L

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	
18+32				3111.9	℄
"				11.2	30'L
T.P.				10.59	
19+00				090	℄
"				089	30'L
20+00				071	℄
"				081	30'L
21+00				046	℄
"				059	30'L
21+65				052	℄
"				040	30'L
TP				0433	
22+00				043	℄
"				3103.0	30'L
23+00				3099.9	℄
"				99.1	30'L
24+00				95.7	℄
"				95.6	30'L
T.P.				9623	
25+00				932	℄
"				942	30'L

Profile Notes Red. ____ Plotted ____ Job No. 5204.03 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by J S CATES Notes JSC Date 5-21-64
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
26+00				3090.5		℄
"				91.2	30'L	
27+00				88.0		℄
"				88.2	30'L	
BMNC1083				3086.88	BMNC1083 Elev. 3086.881 F.B. 3187-28	
28+00				86.2		℄
"				87.2	30'L	
29+00				83.1		℄
"				83.7	30'L	
30+00				80.8		℄
"				82.1	30'L	
31+00				78.1		℄
"				78.7	30'L	
TP				78.06		
32+00				74.3		℄
"				74.7	30'L	
33+00				71.5		℄
"				71.6	30'L	
34+00 TP				69.45		
"				69.0		

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. DIST #35
Job No. 5354.08
Survey of W. W.
Survey by JSC Notes JSC Date ____
Indexed C. J. GALLI
F.B. 3187 PG. 80

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.		
35+00				30 67.0		℄
"				66.0	30'L	
36+00				63.5		℄
"				62.9	30'L	
37+00 TP				60.61		℄
"				60.2	30'L	
38+00				58.1		℄
"				57.2	30'L	
39+00				56.5		℄
"				55.3	30'L	
40+00				56.6		℄
"				54.6	30'L	
41+00				54.66		℄
"				53.6	30'L	
42+00				53.0		℄
"				52.3	30'L	
43+00				49.5		℄
"				49.6	30'L	
44+00				46.58		℄
"				46.0	30'L	

Profile Notes Red ____ Plotted ____ Job No. 5354.08 Division No. 11
No. ____ Date ____ Date ____ Survey of WATERWORKS #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by T.S. COATES Notes TSC Date 5-22-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Division No. 11
Job No. 5354.06
Survey of WATER WORKS #35
Survey by TS COATES Notes TSC Date 5-22-64
Indexed C. J. GAM
F. B. 3187 PG. 82

STATION	B. S.	H. I.	F. S.	ELEV.		
45+00				3046.2		℄
"				45.4	30'L	
46+00				44.8		℄
"				43.9	30'L	
47+00				44.6		℄
"				44.3	30'L	
48+00				48.14		℄
"				48.9	30'L	
48+35				48.8	TOP OF BRK	℄
"				48.3	30'L	
49+00				45.5		℄
"				45.4	30'L	
50+00				41.4		℄
"				41.1	30'L	
T.P.				40.67		
51+00				39.6		℄
"				38.4	30'L	
52+00				34.6		℄
"				34.5	30'L	
T.P.				32.39		

Notes Ck'd by W. J. BRENNER	Survey of Water Works Dist #35	F. B. 3187 PG. 85
Map No.	JN 5354.16 Tape 197 Std. 84 °F	
Office Work	Surveyed by J S COATES	
Checked	Notes JSC Date 5-6-64	
Date	Indexed J. GALLI [redacted] 2 2 64	

J.N. 5354.16

WATER WORKS #35

LOCATION OF IMPROVEMENTS
ON
AVE. I
FROM
180TH ST E TO BLUE ROCK TANK SITE

COATES
VAN NESS
HILL
MITCHELL
RITTER

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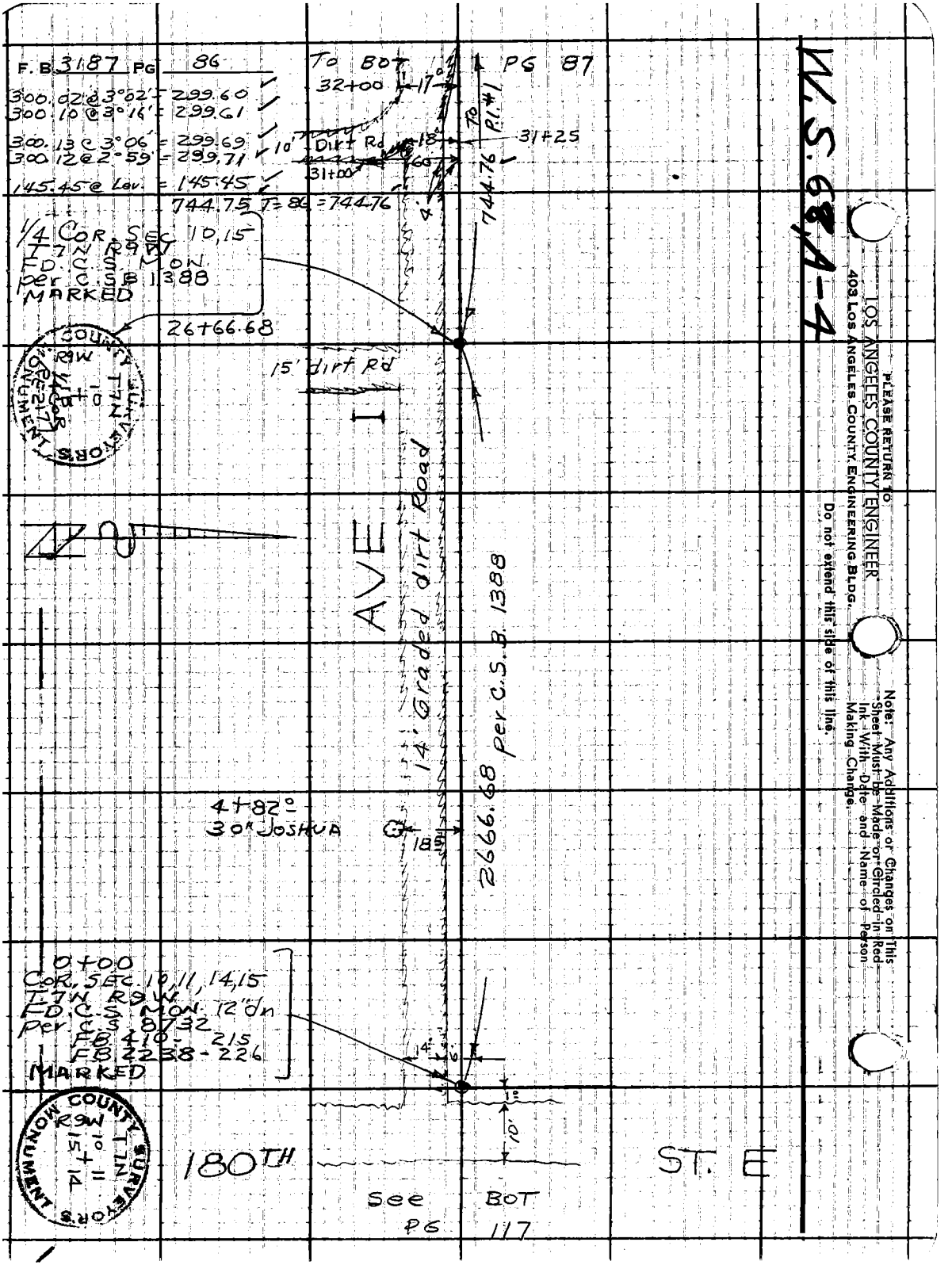
76F309S CE #310 6-62


F.B. 3187 PG 86
300.02 @ 3°02' = 299.60
300.10 @ 3°16' = 299.61
300.13 @ 3°06' = 299.69
300.12 @ 2°59' = 299.71
145.45 @ Lev. = 145.45
744.75 T=86 = 744.76
To BOT PG 87
32+00
17°
10' Dirt Rd
18
31+00
60
To P.I. #1
31+25
744.76
4
1/4 COR. SEC 10,15
T7N R9W
FD. C.S. MON.
per C.S.B 1388
MARKED
26+66.68
15' dirt Rd
AVE I
14' Graded dirt Road
2666.68 per C.S.B. 1388
4+82°
30" JOSHUA
18
0+00
COR. SEC. 10,11,14,15
T7N R9W
FD. C.S. MON. 12" dn
per C.S. 8732
FB 410-215
FB 2238-226
MARKED
14'
6'
10'
180TH
ST. E
See BOT PG 117
COUNTY SURVEYOR'S MONUMENT
R9W T7N 10 11 15 14
W.S. 68, A-4
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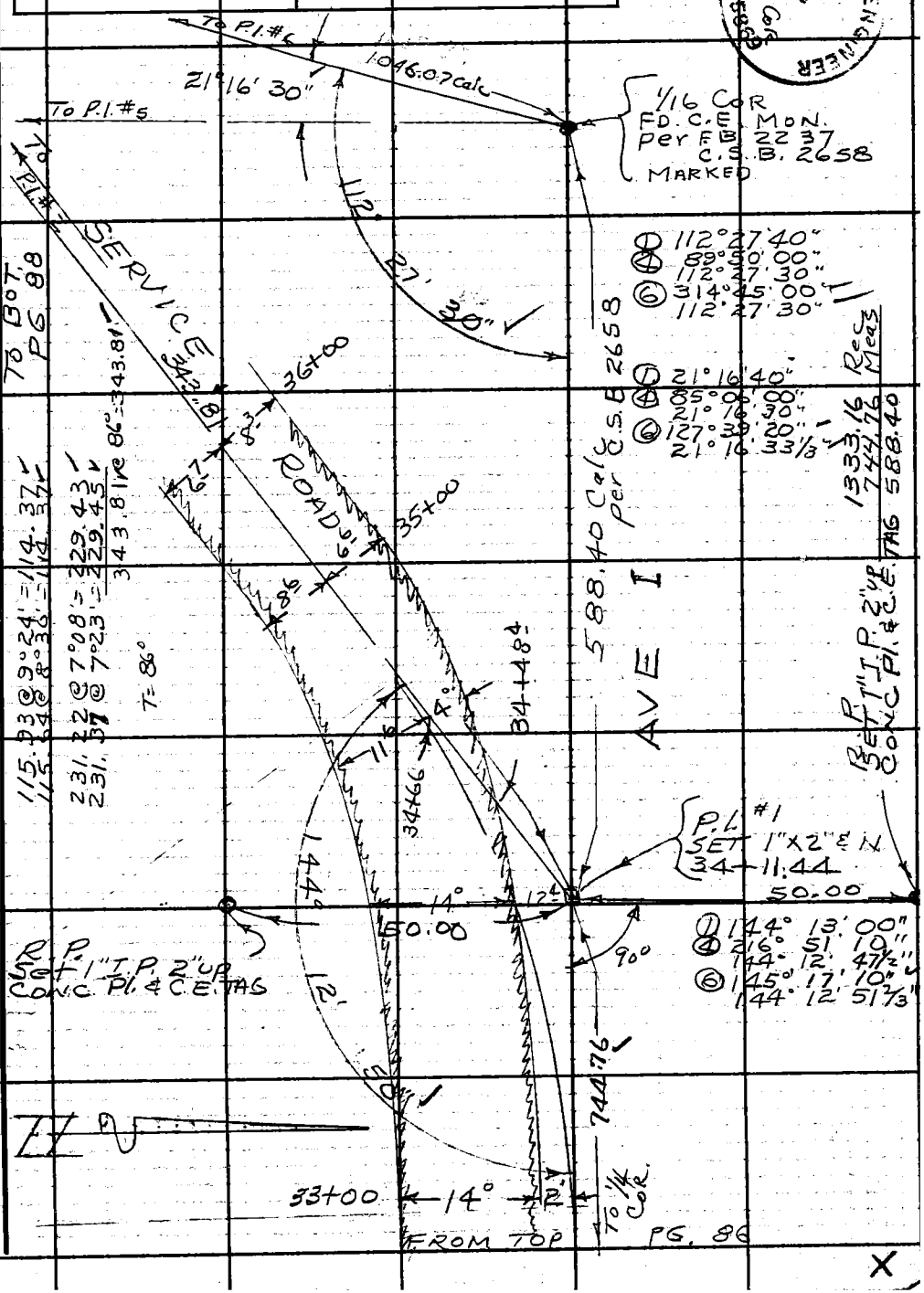
Notes Ck'd W. J. BRENNEL	Survey of WATER WORKS DIST #35
Map No.	JN 5354.16 Tape 197 Std 84 °F
Office Work	Surveyed by J. S. COATES
Checked	Notes J S C Date 5-29-64
Date	Indexed J. GALLI

F. B. 3187 PG. 87



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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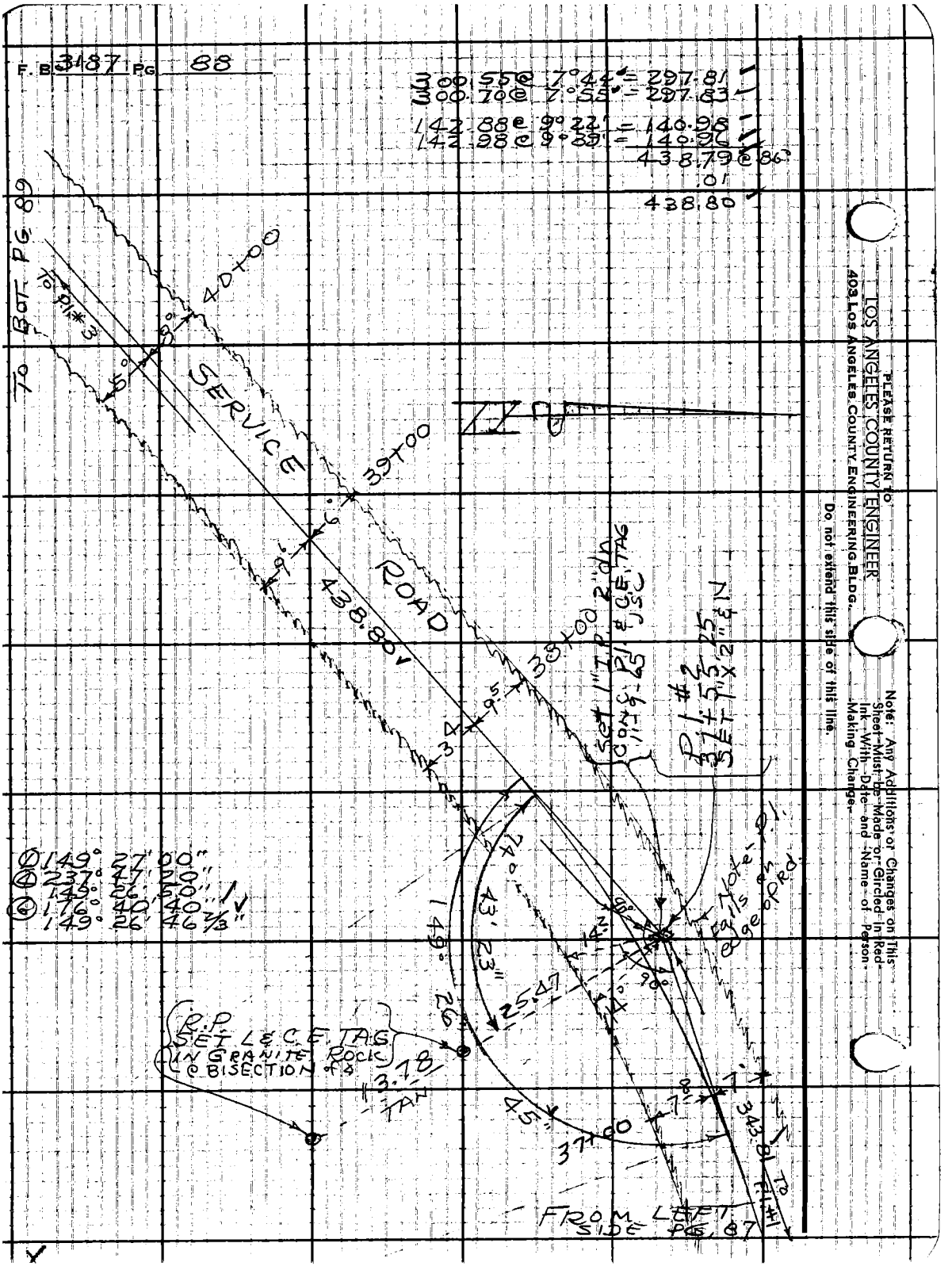
76F3095 CE #310 6-62


F. B. 3187 PG 88
300.55 @ 7°44' = 297.81
300.70 @ 7°55' = 297.83
142.88 @ 9°22' = 140.98
142.98 @ 9°39' = 140.96
438.79 @ 86°
.01
438.80
TO BOT. PG 89
TO P.I. #3
40+00
SERVICE
ROAD
39+00
438.80
38+00
Set 1" I.P. 2" dn
CONC. P.I. & C.E. TAG
11-9-65 JSC
P.I. #2
37+55.25
SET 1" X 2" & N
Note - P.I. falls on edge of Rd.
149° 27' 00"
237° 47' 20"
145° 26' 50"
176° 40' 40"
149° 26' 46 2/3"
R.P.
SET L & C.E. TAG
IN GRANITE ROCK
@ BISECTION of ∡
13.78
TAN
25.47
43' 23"
149° 26'
45"
37+00
343.81
TO P.I. #1
FROM LEFT SIDE PG. 87
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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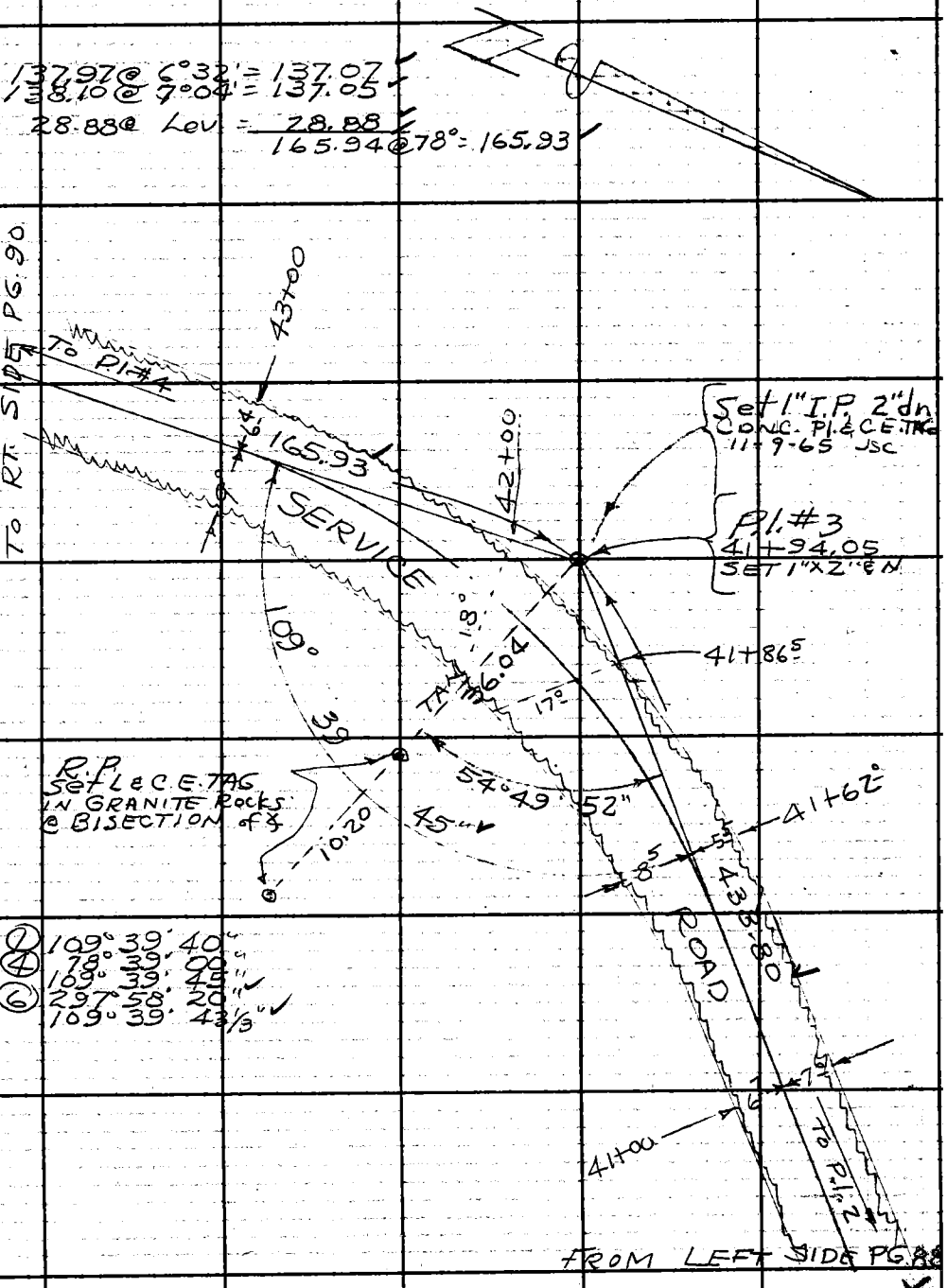
Notes Ck'd by W. J. BRENNAN
Map No.
Office Work
Checked
Date

Survey of WATER WORKS DIST. #35 F. B. 3187 PG. 89
JN 5354-16 Tape 97 Std 84 °F
Surveyed by JS COATES
Notes JSC Date 6-1-64
Indexed C. J. GALLI

137.97 @ 6°32' = 137.07
138.10 @ 7°04' = 137.05
28.88 @ Lev = 28.88
165.94 @ 78° = 165.93



① 109° 39' 40"
④ 78° 39' 00"
⑥ 109° 39' 45"
297° 58' 20"
109° 39' 43 1/3"

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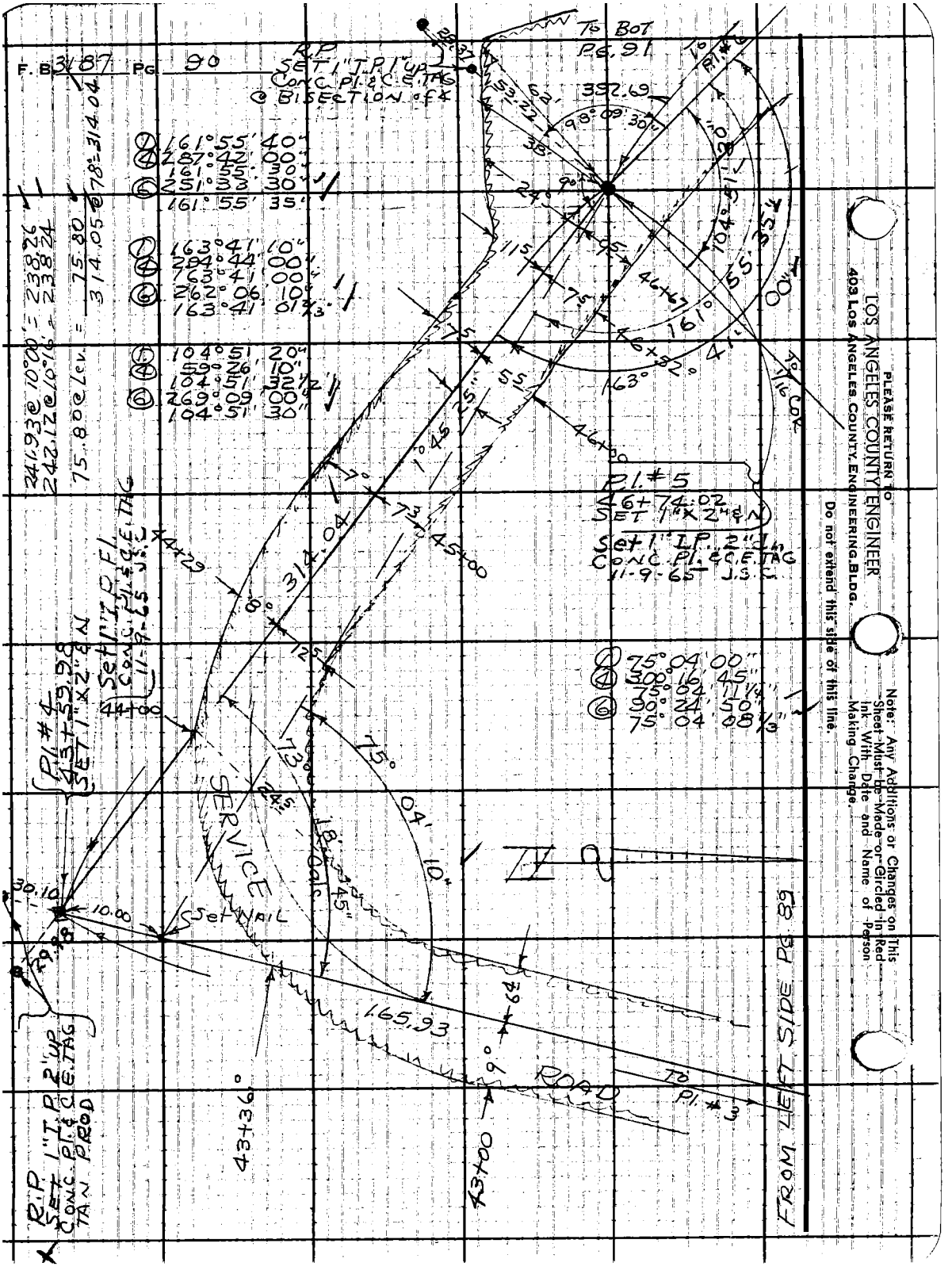
76F309S CE #310 6-62


F. B. 3187 PG. 90
R.P. SET 1" I.P. 1" up CONC. PL. & C.E. TAG @ BISECTION of ∡
To BOT PG. 91
392.69
98°09'30"
161°55'40"
287°42'00"
161°55'30"
251°33'30"
161°55'35"
163°41'10"
284°44'00"
163°41'00"
262°06'10"
163°41'01 2/3"
104°51'20"
59°26'10"
104°51'32 1/2"
269°09'00"
104°51'30"
241.93 @ 10°00' = 238.26
242.12 @ 10°16' = 238.24
75.80 @ Lev. = 75.80
314.05 @ 78° = 314.04
Pl. #5
46+74.02
SET 1" x 2" & N
Set 1" I.P. 2" in CONC. PL. & C.E. TAG 11-9-65 J.S.C.
75°04'00"
300°16'45"
75°04'11 1/4"
90°24'50"
75°04'08 1/3"
Pl. #4
43+59.98
SET 1" x 2" & N
Set 1" I.P. Pl. CONC. PL. & C.E. TAG 11-9-65 J.S.C.
SERVICE
ROAD
Set NAIL
165.93
43+36
43+00
R.P. SET 1" I.P. 2" UP CONC. PL. & C.E. TAG TAN PROD
FROM LEFT SIDE PG. 89
To Pl. #3
To 1/16 COR.
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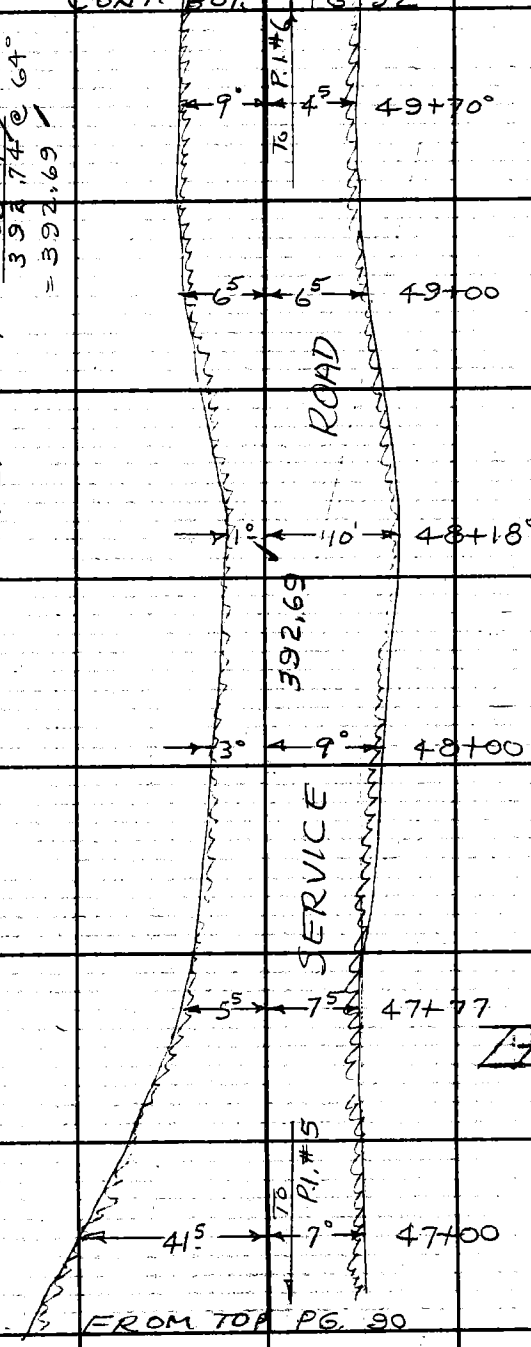
Notes Ck'd by W. J. BRENNER	Survey of WATER WORKS DIST. 35
Map No.	JN 5354.16 Tape 197 Std 84 °F
Office Work	Surveyed by JS CORTES
Checked	Notes JSC Date 6-1-64
Date	Indexed W. J. GALLI

F. B. 3187 PG. 91

CONT. BOT. PG 92



FROM TOP PG. 90

300.43 @ 4°35' = 299.47
300.51 @ 4°45' = 299.48
94.40 @ 8°51' = 93.28
94.21 @ 8°07' = 93.74
394.74 @ 64°
= 392.69

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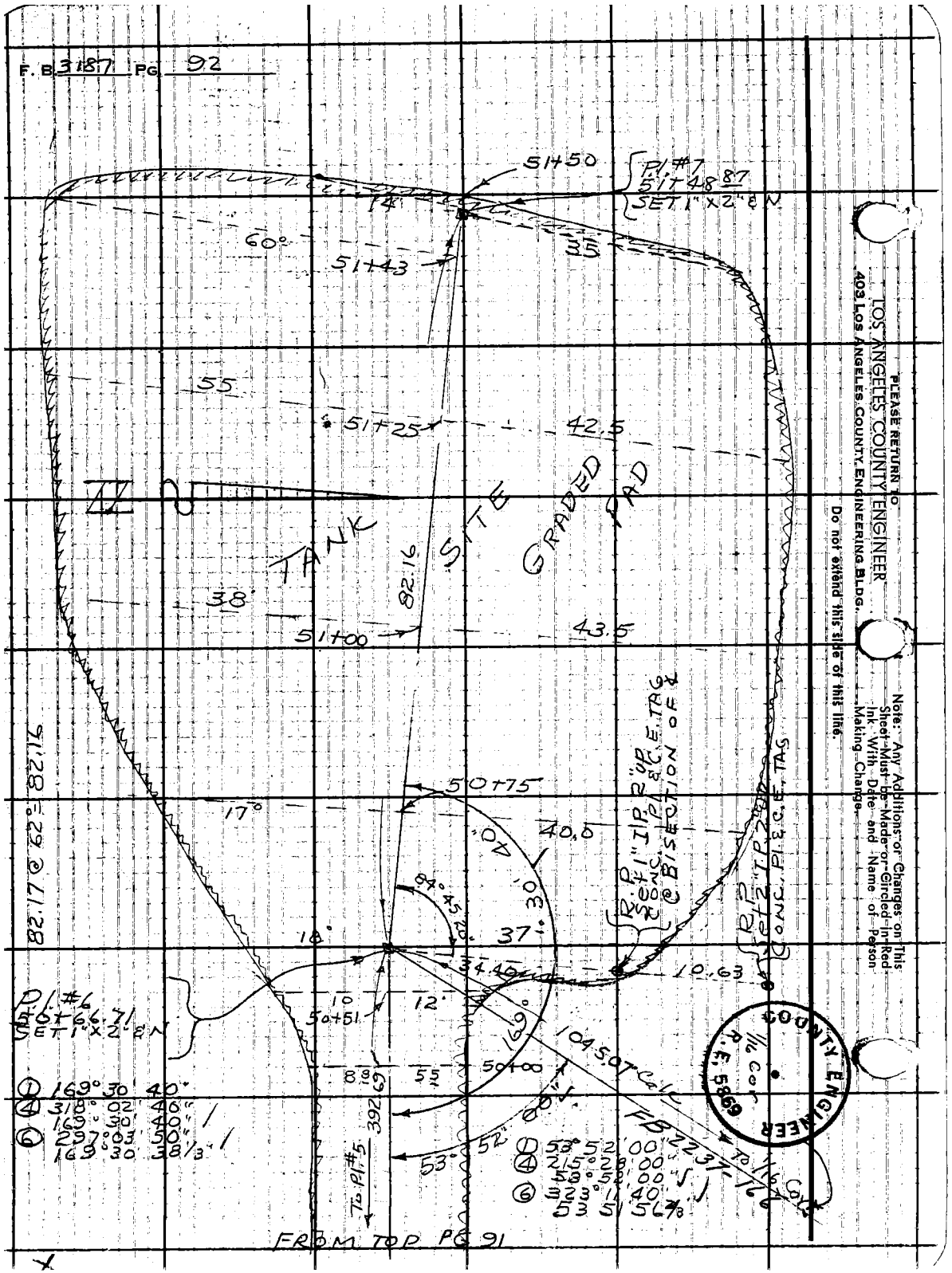
F. B. 3187 PG. 92



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COUNTY ENGINEER
1/16 Cor
R.E. 5869

Profile No.	Notes Red Date	Plotted Date	Job No. 5354.16	Division No.		3187	93
			Survey of WATER WORKS #35 — 180TH ST. E				
X-Sec. No.	Notes Chkd. BRENNER Date	Checked Date	Survey by JSC	Notes JSC	Date 5-18-64		
			Map No.	Indexed J. GALL	Date		

J. N. 5354.16

WATER WORKS DIST #35

CROSS-SECTION
ON
AVE. 1
FROM
180TH ST. E. TO BLUE ROCK TANK SITE.

COATES
VAN NESS
MITCHELL
RITTER
HILL

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

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STATION	B.S.	H.I.	F.S.	ELEV.		
BM NC 1088	660	2938 80		2932.20	BM NC 1088 Elev 2932.20 FB. 3187-33	
					AVE. I & 180th ST. E; Cor. Sec. 10, 11, 14, 15	
					T7N R9W Top C.S Mon. 10" dn	
0+00			6.3	32.5		℄
"			6.8	32.0	30'L	
1+00			3.2	35.6		℄
"			3.4	35.4	30'L	
TP	844	2942.90	434	2934.46		
2+00			4.2	38.7		℄
"			4.4	38.5	30'L	
3+00			0.8	42.1		℄
"			1.2	41.7	30'L	
T.P.	884	2950.72	1.02	2941.88		
4+00			5.6	45.1		℄
"			6.0	44.7	30'L	
5+00			2.0	48.7		℄
"			2.3	48.4	30'L	
T.P.	921	2959.50	043	2950.29		
6+00			6.9	52.6		℄
"			6.9	52.6	30'L	

F.B. 3187 PG. 94

Job No. 5354.16 Division No. Notes Red Plotted Profile

Survey of WATER WORKS DIST #35 Date Date No. X-Sec.

Survey by JSC Notes JSC Notes Checked

Indexed C. J. GAIN Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
7+00		2959.50	30	2956.5		℄
"			37	55.8	30'L	
8+00			05	59.0		℄
"			07	58.8	30'L	
TP	9.11	2968.18	043	2959.07		
9+00			4.7	63.5		℄
"			5.9	62.3	30'L	
10+00			1.1	67.1		℄
"			0.9	67.3	30'L	
TP	8.26	2976.11	0.33	2967.85		
11+00			5.3	70.8		℄
"			4.9	71.2	30'L	
12+00			1.5	74.6		℄
"			1.7	74.4	30'L	
TP	8.60	2984.23	0.48	2975.63		
13+00			5.8	78.4		℄
"			6.0	78.2	30'L	
14+00			1.8	82.4		℄
"			1.6	82.6	30'L	
TP			0.97	2983.26		

Profile No. X-Sec. No. Notes Red Date Notes Checked W. L. BRENNER Plotted Date Checked Date Job No. 5334.16 Division No. WATER WORKS DIST# 35 Survey of Survey by JSC Notes JSC Date 6-1-64 Map No. Indexed E. J. GALLI Date

3187 95

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STATION	B. S.	H. I.	F. S.	ELEV.		
T P	10.62	2993.88		2983.26		
15+00			6.1	87.8		℄
"			7.0	86.9	30'L	
16+00			1.3	92.6		℄
"			1.7	92.2	30'L	
T P	10.10	3003.37	0.61	2993.27		
16+50			7.3	96.1		℄
"			8.4	95.0	30'L	
17+00			5.7	97.7		℄
"			6.0	97.4	30'L	
18+00			2.1	3001.3		℄
"			1.5	01.9	30'L	
T P	5.85	3007.37	1.85	3001.52		
19+00			4.8	02.6		℄
"			5.3	02.1	30'L	
20+00			2.9	04.5		℄
"			4.9	02.5	30'L	
20+50			0.8	06.6		℄
"			2.6	04.8	30'L	
21+00			1.1	06.3		℄
"			2.9	04.5	30'L	

F.B. 3187 PG. 96
Job No. 5354.16 Division No. 11 Notes Red Plotted Profile
Survey of WATER WORKS #35 Date Date No.
Survey by JS COATES Notes JSC Notes Chkd. J. BRENNEL X-Sec.
Indexed J. GAU Date 6-1-64 Date Checked Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	
		3007.37			
T P			0.30	3007.07	SPK & TIN IN INSHUA STUMP 6" UP
21+50	1.40	3008.47	2.8	05.7	℄
"			4.4	04.1	30'L
22+00			6.8	01.7	℄
"			7.7	00.8	30'L
T P	2.30	3001.47	9.30	2999.17	
23+00			2.2	99.3	℄
"			3.8	97.7	30'L
24+00			4.9	96.6	℄
"			6.0	95.5	30'L
25+00			5.7	95.8	℄
"			7.4	94.1	30'L
T P	6.62	3002.06	6.03	2995.44	
26+00			3.6	98.5	℄
"			4.6	97.5	30'L
27+00			0.0	02.1	℄
"			1.4	00.7	30'L
BMNC1090			1.20	3000.86	BM1090 Elev. 3000.855 F.B. 3187-35
	5.90	3006.76			AVE. I & 175th ST. E ℄ INT (1/4 Cor Sec. 11, 14
X T.P.			2.80	3003.96	T7NR9W) Top C.S. MON. Fl.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5394.16 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of WATER WORKS DIST #35
Notes Checked W. J. BRENNER Survey by JSC Notes JSC Date 6-3-64
No. ____ Date ____ Checked ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
	6.46	3010.42		3003.96		
28+00			5.5	04.9		℄
"			6.0	04.4	30'L	
29+00			1.1	09.3		℄
"			1.8	08.6	30'L	
TP	11.68	3021.49	0.61	3009.81		
30+00			6.6	14.9		℄
"			6.9	14.6	30'L	
31+00			0.9	20.6		℄
"			1.1	20.4	30'L	
TP	9.21	3029.90	0.80	3020.69		
32+00			5.0	24.9		
"			5.5	24.4		
TP	10.98	3040.23	0.65	3029.25		
33+00			9.7	30.5		
"			10.3	29.9		
34+00			1.8	38.4		
"			3.0	37.2		
TP	8.20	3047.73	0.70	3039.53		
34+11.44			10.0	37.7	℄ Road 19'L	
35+00			0.62	47.11		℄

F.B. 3187 PG. 98 Job No. 5354.16 Division No. Notes Red Plotted Profile
Survey of WATER WORKS DIST #35 Date Date No. X-Sec.
Survey by ISC Notes ISC Checked Date No.
Indexed J. GALLI Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.		3047.73	0.62	3047.11		
	11.18	3058.29				
BM NC 1092			3.85	3054.439	BM NC 1092 Elev. 3054.439 F.B. 3187-36	
					AVE. I 870'± W. of 1/4 Cor. to Sec. 10,15 B.S. in 18" Joshua 55' S. ℄ AVE. I	
	11.377	3065.816				
36+00			25	63.3		℄
TP			0.520	3065.296		
	11.120	3076.416				
TP			0.491	3075.925		
	11.310	3087.235				
37+00			9.8	77.4		℄
37+55.25			1.9	85.3		℄
"			2.1	85.1	7'L	
TP			0.418	3086.817		
	11.427	3098.244				
38+00			69	91.3		℄
TP			0.510	3097.734		
	10.609	3108.343				
39+00			4.4	3103.9		℄
TP			0.445	3107.898		
	11.518	3119.416				

Profile Notes Red ____ Plotted ____ Job No. 5354.16 Division No. ____ F.B. 3181 99
No. ____ Date ____ Date ____ Survey of WATER WORKS DIST #35
X-Sec. Notes Chkd. W. L. BRENNER Checked ____ Survey by JSC Notes JSC Date 6-3-64
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
40+00 = TP		3119.416	0.599	3118.817		℄
	11.250	3130067				
TP			0.454	3129.613		
	11633	3141246				
41+00			6.1	3135.1		℄
T.P.			0.380	3140.866		
	11320	3152186				
T.P. = 41+94.05			1135	3151.051	bisection of ∡ 11'L =	℄ of Road
	11844	3162895				
42+00			1023	315266		℄ (on Sem-Tan)
TP			0397	3162.498		
	11120	3173.618				
43+00			6.07	67.55		℄
43+36			1.65	71.97		℄ edge of Road
43+59.98 = P.I.			428	69.34		℄ = P.I.
T.P.			0410	3173208		
	11294	3184502				
44+00			549	79.01		℄ = edge Rd
"			57	78.8		9'R ℄ Rd
TP			0.439	3184063		
	11466	3195529				

F.B. 3187 Pg. 100
Job No. 5354.16 Division No. Notes Red Plotted Profile
Survey of WATER WORKS DIST #35 Date Date No.
Survey by JSC Notes JSC Notes Chkd. W. J. BRENNE Checked X-Sec.
Indexed J. GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
TP		3195.529	0.566	3194.963		
	11.560	3206.523				
45+00			9.83	3196.69	℄	
TP			0.351	3206.172		
	11.991	3218.163				
46+00			5.33	12.83	℄	
T.P. = 46+37			0.365	3217.798	℄	Brk. in Grade
	11.539	3229.337				
46 +74.02 = P.I. #5			8.68	20.66	℄	
"			7.1	22.2	Rt. ∡ to forward line 62' L	
47+00			6.99	22.35	℄	
48+00			1.30	28.04	℄	
TP			0.200	3229.137		
	10.998	3240.135				
49+00			4.53	35.60	℄	Grade break
TP			0.369	3239.766		
	11.818	3251.584				
50+00 = T.P.			1.019	3250.565		
	11.538	3262.103				
50 +66.71 = P.I. #6			2.58	3259.52	℄	Top 1"X2" (Flush)

X

Profile Notes Red ____ Plotted ____ Job No. 5354.16 Division No. ____ F.B. 3187 Pg. 101
No. ____ Date ____ Date ____ Survey of WATER WORKS DIST #35
X-Sec. Notes Chk. W. L. BRENNE Checked ____ Survey by JSC Notes JSC Date 6-3-64
No. ____ Date ____ Date ____ Map No. ____ Index J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.			
50+70		3262.103	23	3259.8			℄
"			21	60.0			10'R
"			21	60.0			20'R
"			20	60.1			30'R
"			24	59.7			40'R edge fill
"			23	59.8		10'L	
"			28	59.3	edge fill	20'L	
50+80			20	60.1			℄
"			20	60.1			10'R
"			19	60.2			20'R
"			19	60.2			30'R
"			22	59.9			41.5 R edge fill
"			21	60.0		10'L	
"			23	59.8		20'L	
"			24	59.7	edge fill	23'L	
50+90			19	60.2			℄
"			18	60.3			10'R
"			18	60.3			20'R
"			17	60.4			30'R
"			20	60.1			44'R edge fill
"			20	60.1		10'L	

F.B. 3187 Pg. 102 Job No. 5354.85 Division No. Notes Red Plotted Profile
Survey of WATER WORKS DIST. #35 Date Date No.
Survey by JSC Notes JSC Notes Checked W. L. BRENNER Checked X-Sec.
Indexed C. J. GAIN Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
50+90		3262.103	20	3260.1	20'L	
"			25	59.6	edge fill 32'L	
51+00			18	60.3		℄
"			17	60.4		10' R
"			18	60.3		20' R
"			17	60.4		30' R
"			17	60.4		44' R edge fill
"			19	60.2	10'L	
"			20	60.1	20'L	
"			21	60.0	30'L	
"			25	59.6	edge fill 38'L	
51+10			18	60.3		℄
"			18	60.3		10' R
"			18	60.3		20' R
"			18	60.3		30' R
"			18	60.3		43' R edge fill
"			18	60.3	10'L	
"			19	60.2	20'L	
"			20	60.1	30'L	
"			25	59.6	edge fill 43'L	
"						

Profile No. X-Sec. No.
Notes Red Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 5354.85 Division No.
Survey of WATER WORKS DIST #35
Survey by JSC Notes JSC Date 6-3-64
Map No. Index G. J. GALL Date
F. B. 3187 Pg. 103

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STATION	B. S.	H. I.	F. S.	ELEV.		
51+20		3262.103	18	3260.3		℄
"			17	60.4		10' R
"			18	60.3		20' R
"			19	60.2		30' R
"			19	60.2		42' R edge fill
"			18	60.3	10' L	
"			20	60.1	20' L	
"			20	60.1	30' L	
"			22	59.9	40' L	
"			24	59.7	50' L	
"			26	59.5	edge fill 56' L	
51+30			18	60.3		℄
"			19	60.2		10' R
"			20	60.1		20' R
"			20	60.1		30' R
"			22	59.9		40' R edge fill & Cut
"			19	60.2	10' L	
"			19	60.2	20' L	
"			21	60.0	30' L	
"			22	59.9	40' L	
"			22	59.9	50' L	

F. B. 3187 PG. 104 | Job No. 5354.85 | Division No. WATER WORKS DIST #35

Survey of WATER WORKS DIST #35 Notes Red ____ Plotted ____ Profile ____
Survey by JSC Notes JSC Date ____ Date ____ No. ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Notes Checked W. J. BRENNER Date ____ Checked ____ Date ____ No. ____

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
51+30		3262103	23	3259.8	57'L	
51+40			19	60.2		℄
"			19	60.2		10'R
"			20	60.1		20'R
"			22	59.9		30'R
"			20	60.1		40'R edge cut
"			19	60.2	10'L	
"			19	60.2	20'L	
"			20	60.1	30'L	
"			21	60.0	40'L	
"			23	59.8	50'L	
"			23	59.8	edge fill 60'L	
51+48.87 = West end pad			19	60.2		℄ Toe of Cut bank west edge pad
"			21	60.0	10'L	
51+45			19	60.2		℄
"			20	60.1	10'L	
"			20	60.1	20'L	
"			21	60.0	30'L	
"			21	60.0	40'L	
"			20	60.1	50'L	
"			23	59.8	60'L	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5354.85 Division No. ____ F.B. 3187 Pg. 105
X-Sec. No. ____ Date ____ Date ____ Survey of WATER WORKS DIST #35
Notes Checked ____ Survey by JSC Notes JSC Date 6-3-64
Date ____ Date ____ Map No. ____ Indexed J. GALD Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. B.R.#1		3262.103	2.969	3259.134	BM BR#1 Elev.	F.B. 3187-106
	2.774	3261.908			Blue Rock Reservoir	Pad 60' S'Ly @ Rt.
T.P.			11.341	3250.567	angles to station 51+48.87	Bt. Spk. in
	0.911	3251.478			Rock ledge	
TP			11.709	3239.769		
	0.337	3240.106				
TP			10.964	3229.142		
	0.600	3229.742				
TP			11.940	3217.802		
	0.287	3218.089				
TP			11.912	3206.177		
	0.848	3207.025				
TP			11.508	3195.517		
	0.595	3196.112				
TP			11.460	3184.652		
	0.896	3185.548				
TP			11.705	3173.843		
	2.794	3176.637				
BM BR#2			6.821	3169.816	BMBR#2 Elev.	F.B. 3187-106
	3.582	3173.398			Blue Rock Rervervoir Service Rd. @ P.I.#4	
TP			10.890	3162.508	Brass-nail in 1" I.P. (R.P. to P.I.) 30.10 S.E. of P.I.	

F.B. 3187 Pg. 106
Job No. 5354.85 Division No. Notes Red Plotted Profile
Survey of WATER WORKS DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. W. J. BRENNER Checked Date No.
Indexed [illegible] Date Date

76-L296 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
TP	0.490	3162.998		3162.508		
TP			11.937	3151.061		
	0251	3151.312				
T.P.			10.435	3140.877		
	0.652	3141.529				
T.P.			11.906	3129.623		
	0.573	3130.196				
T.P.			11.369	3118.827		
	0.350	3119.177				
TP			11.261	3107.916		
	0.361	3108.277				
T.P.			10.524	3097.753		
	0249	3098.002				
TP			11.163	3086.839		
	0282	3087.121				
TP			11.173	3075.948		
	0371	3076.319				
TP			11.000	3065.319		
	0315	3065.634				
BM NC 1092 X			11.170	3054.464	BM NC 1092 Elev. 3054.439 FB 3187-36 AVE I 870'± W. of 1/4 Cor. to Sec. 10, 15 18" Joshua 35' S. of AVE I	E.S. in

Profile Notes Red ____ Plotted ____ Job No. 5354.85 Division No. ____ F.B. 3187 Pg. 107
No. ____ X-Sec. ____ Date ____ Date ____ Survey of WATER WORKS DIST # 35
Notes Chkd. BRENNER Checked ____ Survey by JSC Notes JSC Date 6-3-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F.B. 3187 Pg. 108 | Job No. 5354.85 | Division No. _____ | Notes Red _____ | Plotted _____ | Profile

Survey of WATER WORKS DIST # 35 | Date _____ | Date _____ | No. _____

Survey by JSC | Notes JSC | Notes Chkd. _____ | Checked _____ | X-Sec.

Indexed _____ | Date _____ | Date _____ | Date _____ | No. _____

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

78-L298 CE 307 3-61

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Notes Ck'd by	Survey of Water Works Dist #35 F.B. 3187 Pg. 109
Map No.	JN 0303.00 Tape 197 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes Date
Date	Indexed E. J. GALLI

J.N. 0302.01
SECTION-LINE SURVEY
FOR
WATER WORKS DIST #35
IN
SECTION 11 T7N R9W

COATES
VAN NESS
RITTER
HILL
MITCHELL

NOTE: FOR ZONE 7 GEODETIC TIES
SEE F.B. 3182 PGS. 15 - 22
J.C.P.

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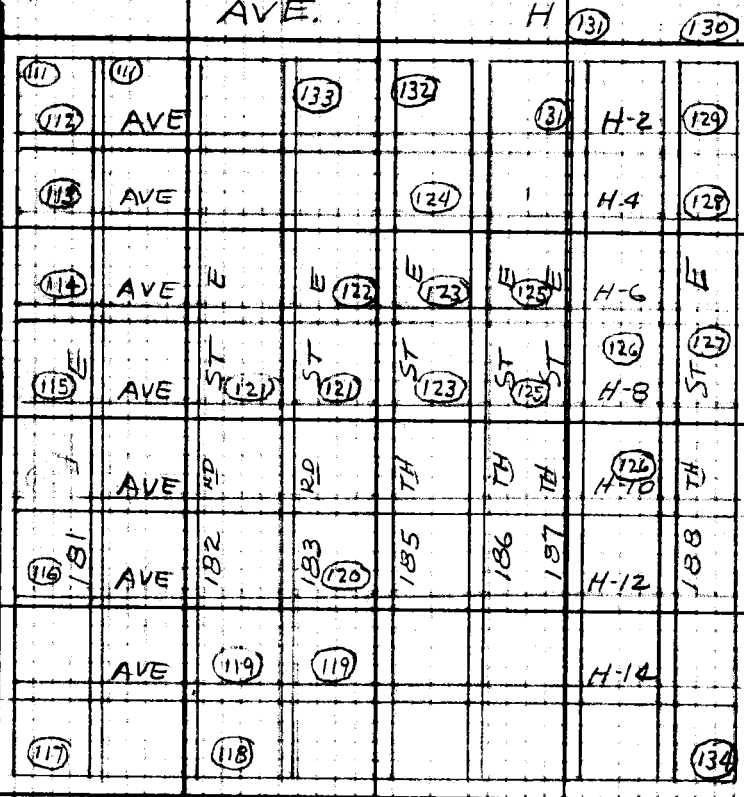
76F3993 CE #310 6-62

F. B. 3187 PG 110

INDEX



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W.S. 68, A-4

Notes Ck'd by W. J. BRENNER	Survey of SECT. LINES
Map No.	JN 0302 01 Tape 197 Std 84 °F
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 6-9-64
Date	Indexed [illegible]

F. B. 3187 Pg. 110

N Z

TO LEFT SIDE PG. 133

153.32 @ 94° = 153.33

Set S&W 16" JOSHUA

1336.67

109.22

89° 34' 00"

181ST ST. E

FD 2" I.P. Flush CONC. Pl. & TAG L.S. 2487

(33)

SIDE PG. 112

677.70 CALC. 677.73 MEAS. TO ℄ AVE H-2

679.59	677.07
677.07	+ 0.63
4 | 2.52	677.70
0.63	

(33)

TO LEFT

25.90

Set S&W 8" JOSHUA

153.33

126.99

Set S&W 12" JOSHUA

677.77 @ (T = 74) = 677.73

1)	89-34-00	1)	89° 33' 20"
4)	358-16-00	4)	358° 13' 10"
	89-34-00		89° 33' 17½"
6)	177-23-50	6)	177° 20' 00"
AVE)	89-33-58⅓		89° 33' 20"

Set 1"x2" & N Top ridge

AVE. H

(33)

(33)

668.33

RP FD 2" I.P. 6" UP CONC. Pl. & C.E. TAG

668.29 @ 94° = 668.33

677.11 @ 76° = 677.07

FD. S. & W 18" JOSHUA

89° 33' 20"

64.26

180TH ST. E

TAN 70.71

45°

(50)

SIDE PG. 112

677.07

TO ℄ H-2

(50)

TO LEFT

70.71

RP FD 2" I.P. 6" UP CONC. Pl. & C.E. TAG

COR. SEC. 2, 3, 10, 11 T 7N R 9W FD. G.L.O. MON. 4" UP MARKED per FB. 410-211 FB. 2238-224

US GENERAL LAND OFFICE SURVEY FOR REMOVAL 1947 PENALTY $250 T7N R9W S3 S2 S10 S11

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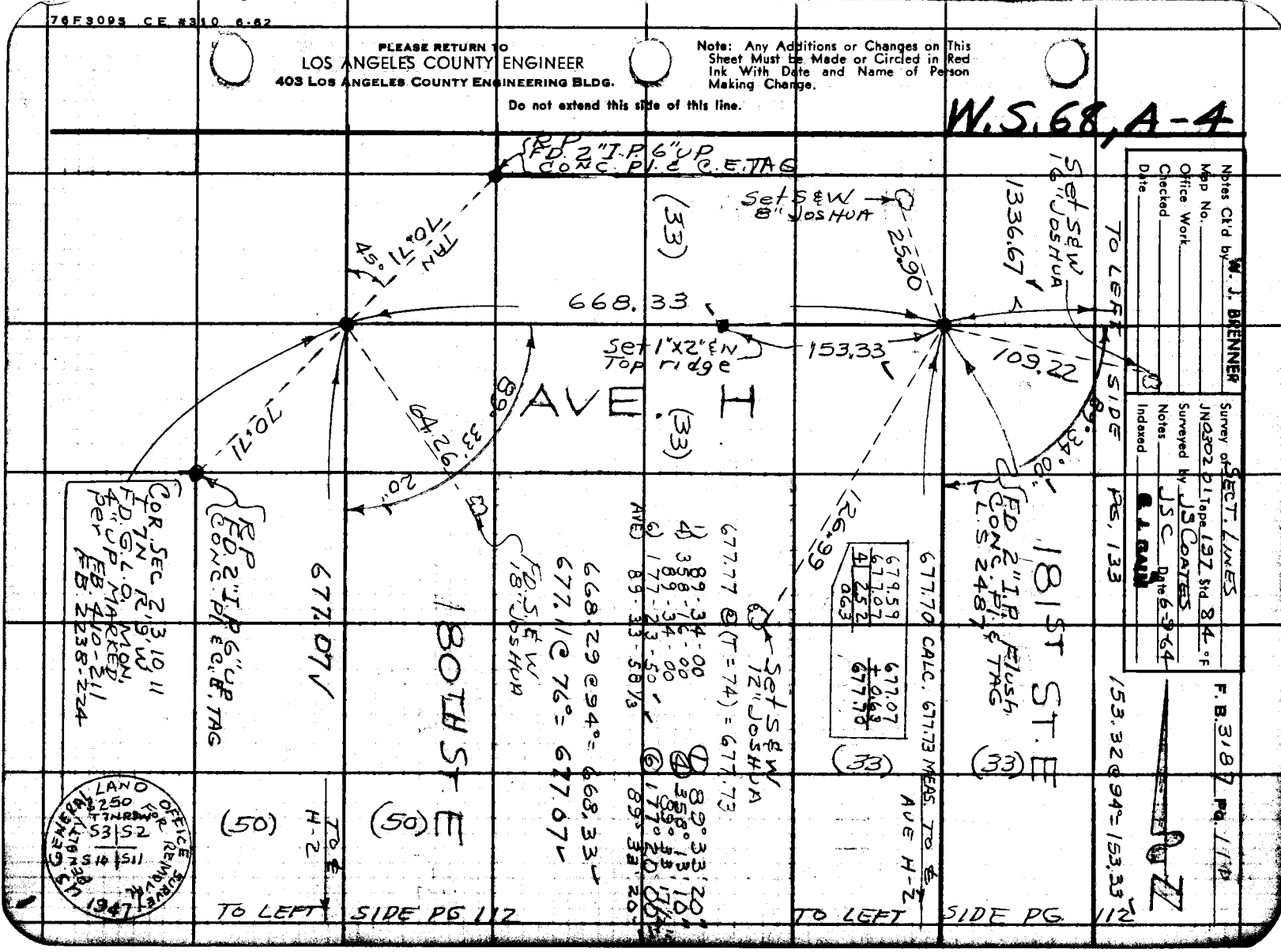
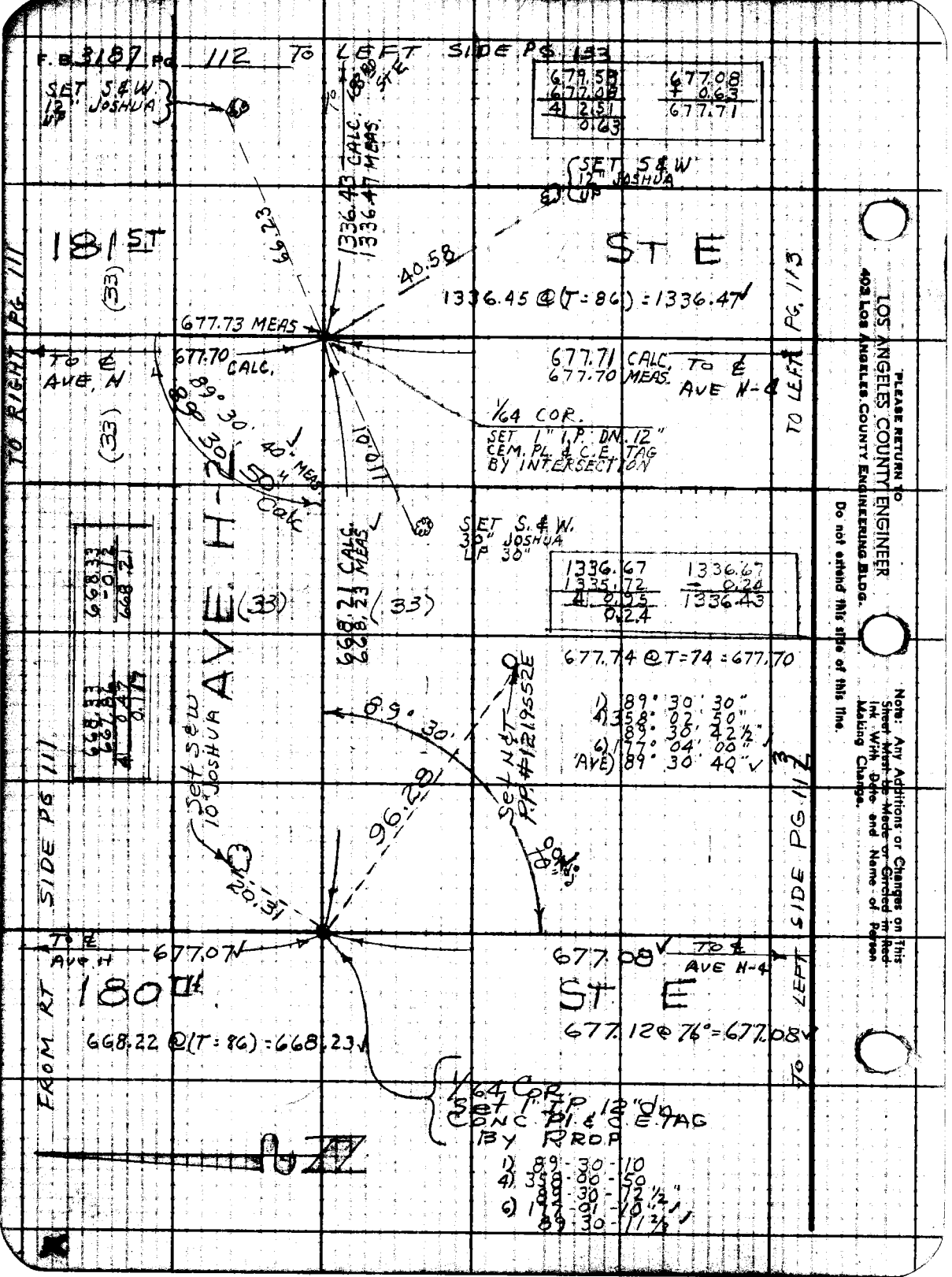
76F3095 CE #310 6-62




F.B. 3187 PG. 112 TO LEFT SIDE PG. 133
SET S&W 12" JOSHUA UP
679.58
677.08
4) 2.51
0.63
677.08
+ 0.63
677.71
SET S&W 12" JOSHUA UP
181 ST
(33)
66.23
1336.43 CALC.
1336.47 MEAS.
40.58
ST E
1336.45 @ (T=86) = 1336.47
677.73 MEAS
677.70 CALC.
TO ℄ AVE. N
677.71 CALC.
677.70 MEAS.
TO ℄ AVE N-4
TO RIGHT PG. 111
TO LEFT PG. 113
89° 30' 40" MEAS
89° 30' 50" Calc
1/64 COR.
SET 1" I.P. DN. 12" CEM. PL. & C.E. TAG BY INTERSECTION
110.01
SET S.&W. 30" JOSHUA UP 30"
AVE H-2
(33)
668.21 CALC.
668.23 MEAS.
(33)
1336.67
1335.72
4) 0.95
0.24
1336.67
- 0.24
1336.43
677.74 @ T=74 = 677.70
1) 89° 30' 30"
4) 358° 02' 50"
89° 30' 42½"
6) 177° 04' 00"
AVE) 89° 30' 40"
89° 30'
Set S&W 10" JOSHUA
96.28
Set N&T P.P. #1219552E
20.31
SIDE PG. 111
SIDE PG. 113
TO ℄ AVE H
677.07
677.08
TO ℄ AVE N-4
180 TH
ST E
668.22 @ (T=86) = 668.23
677.12 @ 76° = 677.08
FROM RT
TO LEFT
1/64 COR.
Set 1" I.P. 12" dn. CONC. PL. & C.E. TAG BY RROP
1) 89-30-10
4) 358-00-50
89-30-12½"
6) 177-01-10"
89-30-11⅔
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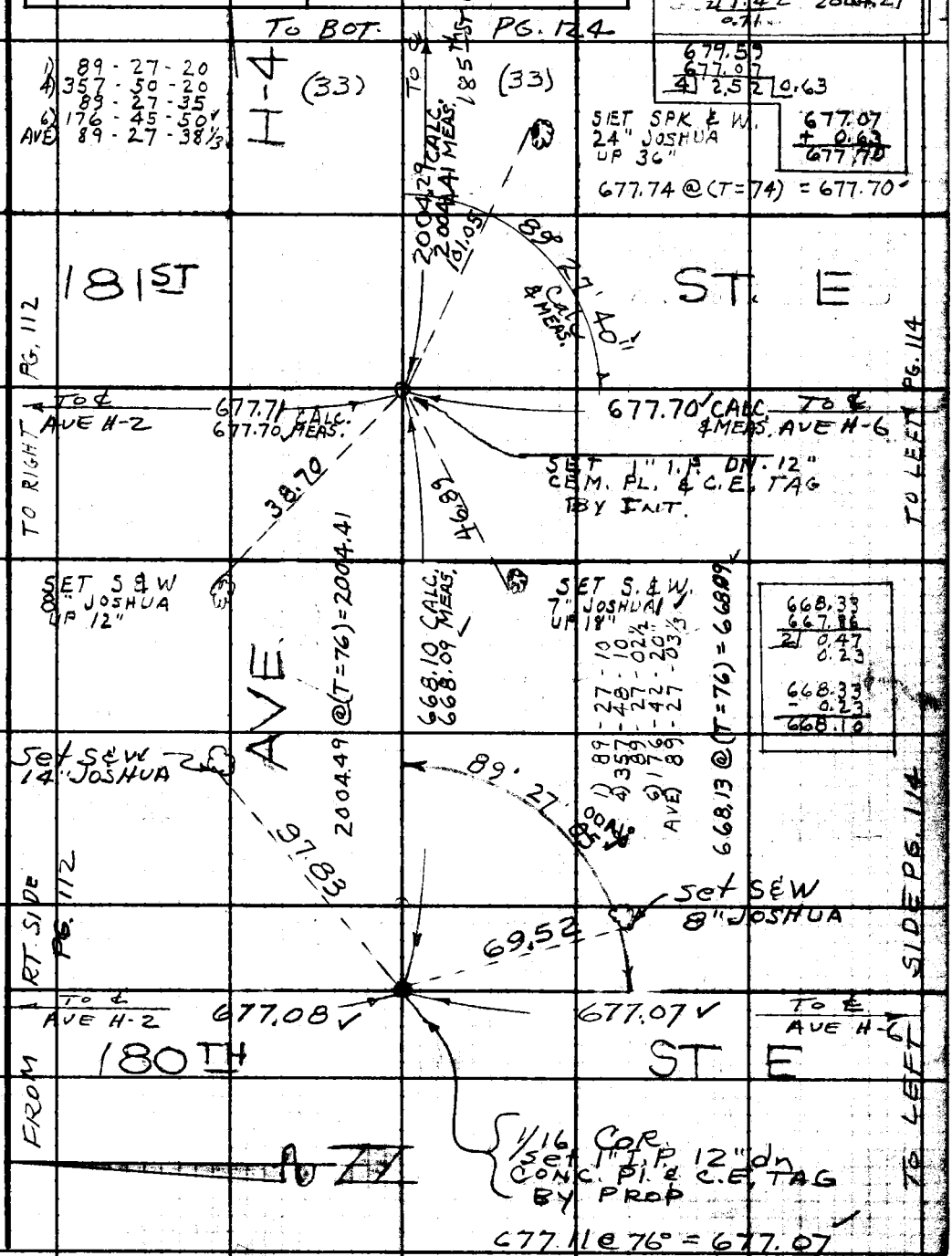
Notes Ck'd by W. J. BRENNER	Survey of SECT. LINES	F. B. 3187 PG. 113
Map No.	JN 0302 01 Tape 197 Std 84 °F	
Office Work	Surveyed by JS COATES	
Checked	Notes JSC Date 6-10-64	
Date	Indexed C. L. GALM	

2005.00 2003.58
2003.58 0.71
2 1.42 2004.29
0.71

679.59
677.07
4 2.52 0.63

677.07
+ 0.63
677.70

677.74 @ (T=74) = 677.70



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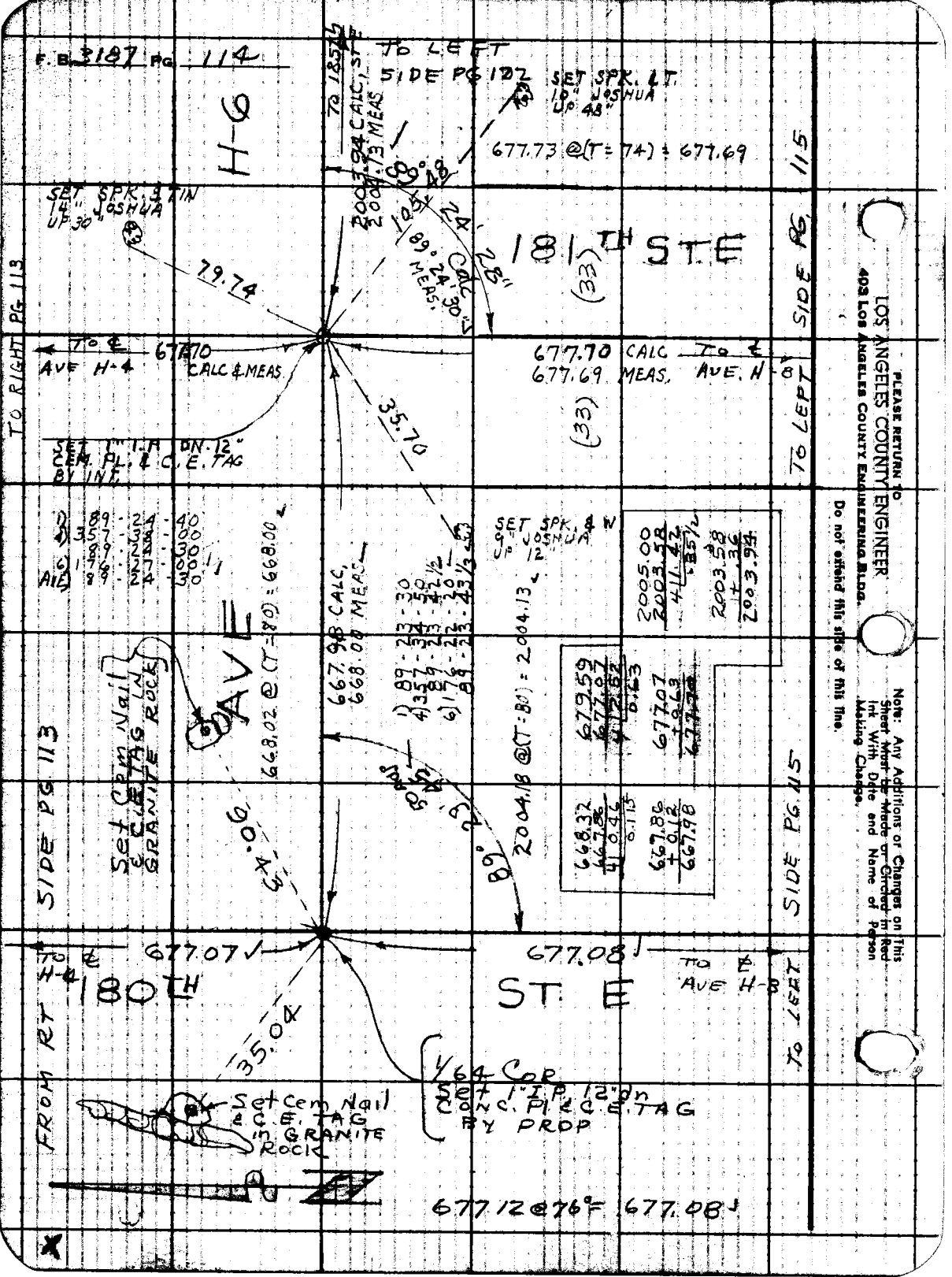
76F3095 CE #310 6-62



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W.S. 68, A-4

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

Survey of SECT. LINES
JN 0302 Tape 197 Std. 84 °F
Surveyed by J.S.C. COATES
Notes
Indexed R. J. GAM
Date 6-10-64

F. B. 3187 Pg. 115

FROM RT. SIDE PG. 114

FROM RT. SIDE PG. 114

To AVE. H-6

180TH ST E

677.08

1359.01
1354.12
4.89 LL.22

1354.12
+ .22
1355.34

To AVE H-8

677.70 CALC
677.68 MEAS

To BOT. ST E

182ND ST E

PG. 121

181ST ST E

To AVE H-12

To AVE H-12

To LEFT SIDE PG. 116

To LEFT SIDE PG. 116

AVE

RP FD. 2" I.P. 12" UP WOOD PL. & NAIL

FD. BRASS NAIL IN CONC. IN DOOR WAY OF HOUSE BLDX OF HOUSE

FD. N&T RP #1219567E

Set SEW 16" JOSHUA

Set 1" I.P. 12" dn. CONC. AL. & C.E. TAG BY PROP

Set SEW 16" JOSHUA

Set 1" X 2" & TAG 79"

1/4 COR

1/4 COR T7N R9W SUR. MON. FD. 1" I.P. PER LS 4015 FB. 2230-215

RP FD. 2" I.P. 10" UP WOOD PL. & NAIL

1/4 COR T7N R9W 10 11 1/4 COR RE 63

1355.46 @ (T=74) = 1355.37

1355.37 MEAS.

1355.34 CALC

1354.12

1354.07 @ 90° = 1354.12

667.92 @ 70° = 667.86

667.86

667.86 To ℄ 182ND ST E

40.00

39.99

44.23

24.40

24.16

48.41

90°

90°

90°

90°

90°

90°

90°

90°

(33)

(33)

(33)

(33)

(33)

(33)

(33)

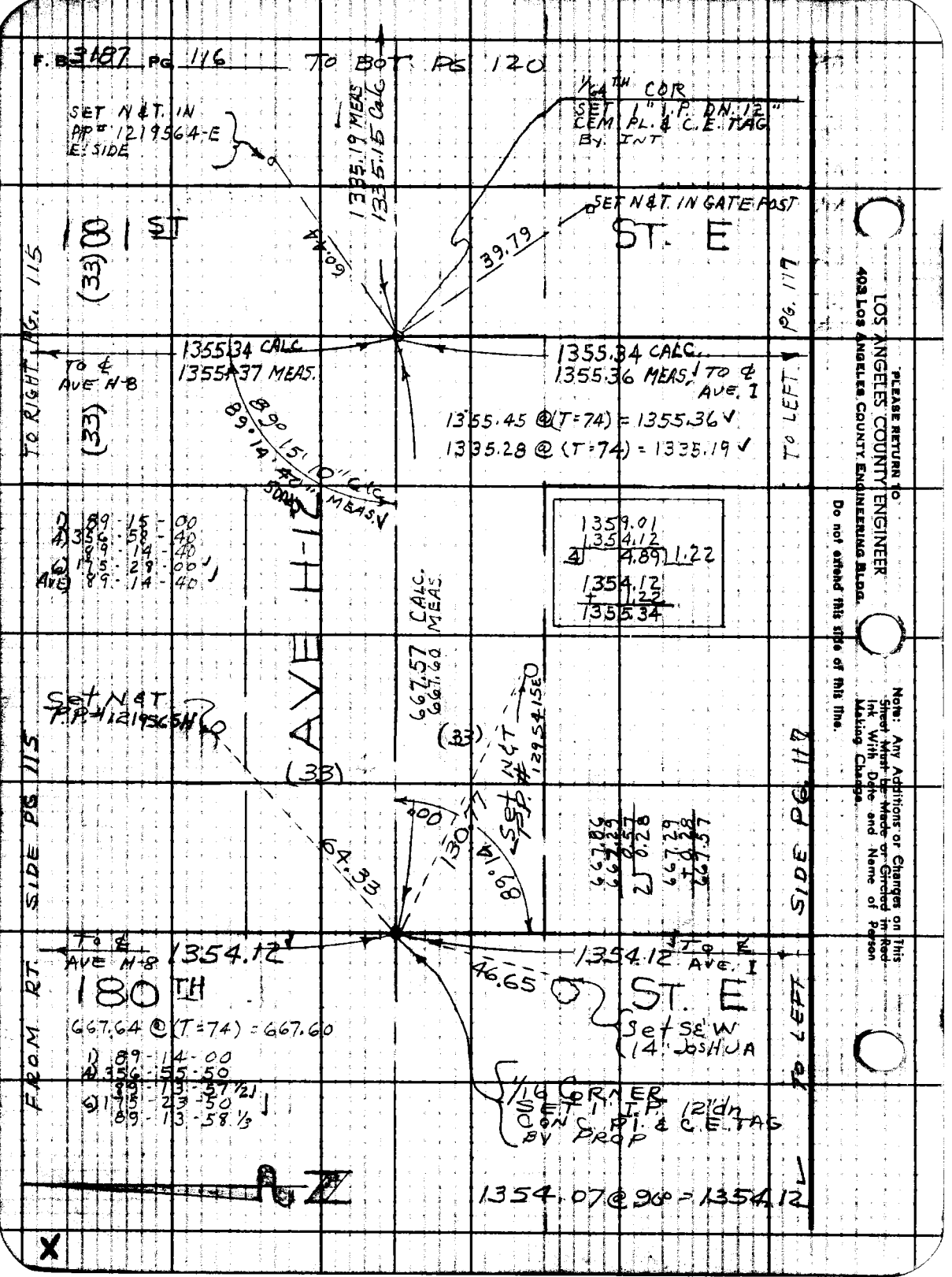
(33)

1) 90°-39'-40"
2) 362°-34'-40"
3) 183°-51'-30½"
AVE 90°-38'-35"

1) 90°-39'-20"
2) 362°-37'-19"
3) 90°-39'-17½"
4) 183°-56'-00"
5) 90°-39'-20"

1) 89°-20'-00"
2) 357°-21'-50½"
3) 89°-20'-27½"
4) 176°-00'-30"
5) 89°-20'-25"

1) 89°-21'-00
2) 357°-24'-00
3) 89°-21'-00
4) 176°-00'-00
AVE 89°-21'-00



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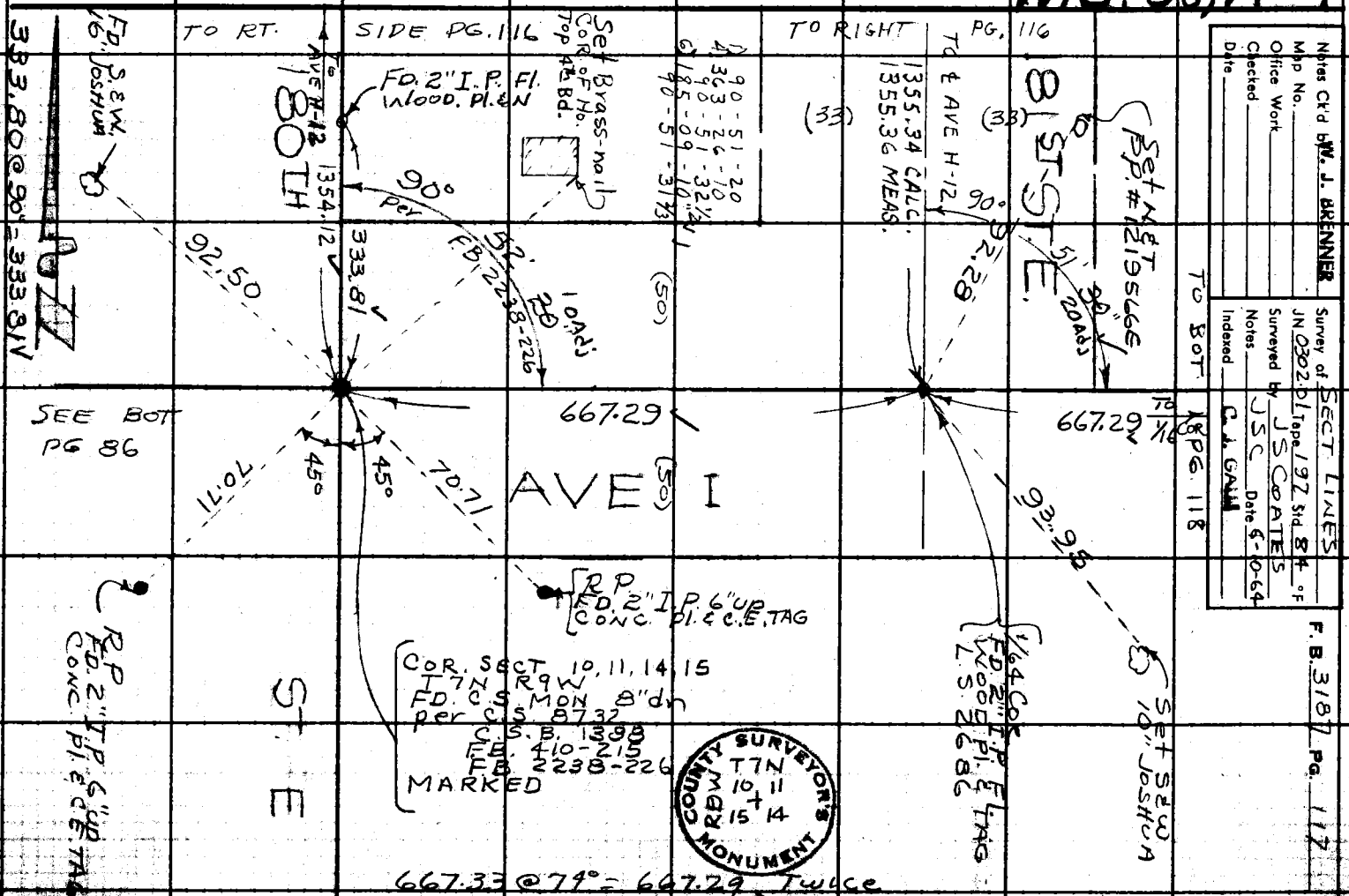
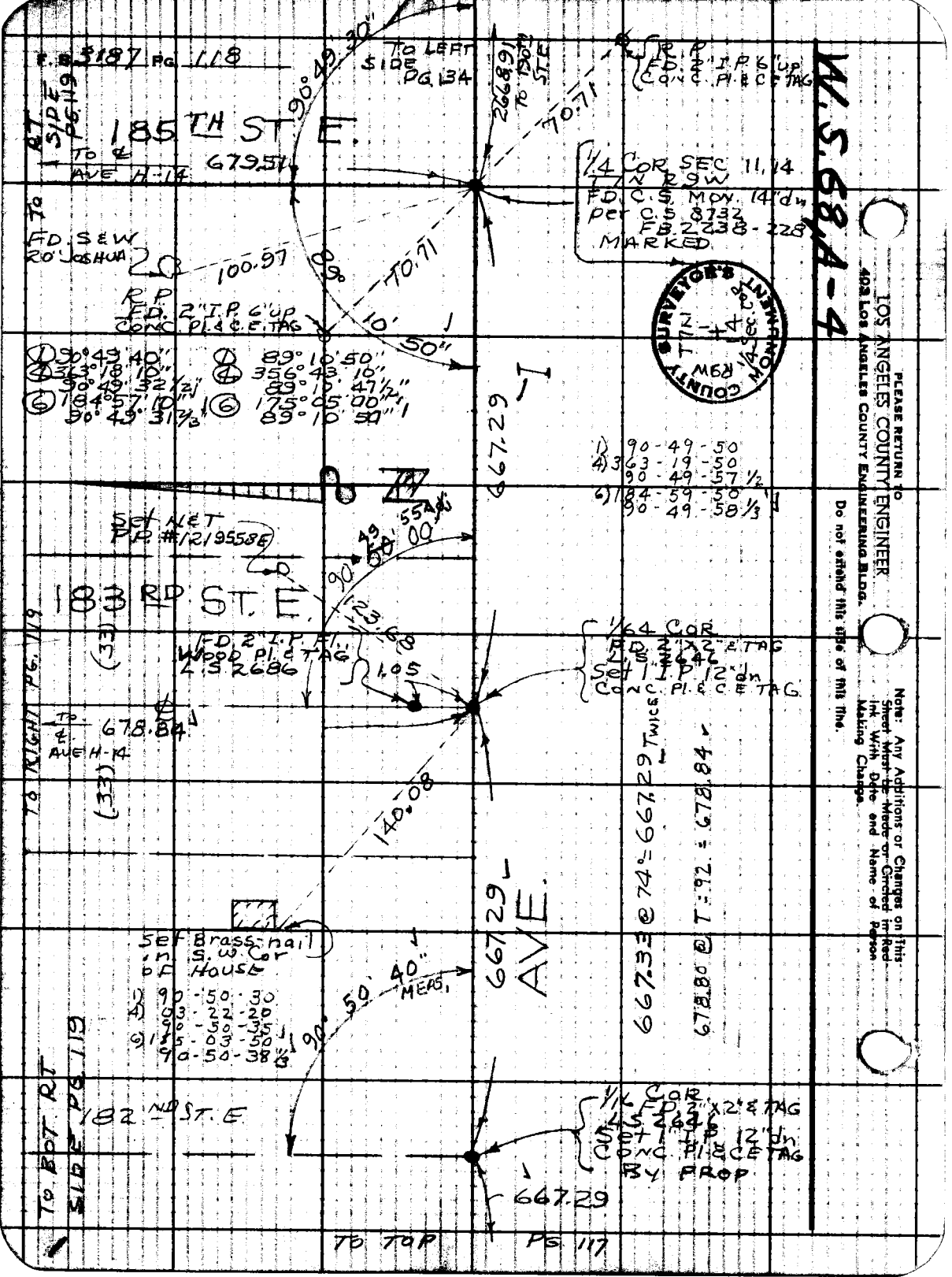
W.S. 68, A-4





F.B. 3187 PG. 118
TO LEFT SIDE PG. 134
90°49'30"
2668.91 TO 190TH ST. E
R.P. FD. 2" I.P. 6" UP CONC. PL. & C.E. TAG
70.71
185TH ST. E.
TO ℄ AVE. H-14
679.51
1/4 COR. SEC. 11, 14 T7N R9W FD. C.S. MON. 14" dn per C.S. 8732 F.B. 2238-228 MARKED
TO RT SIDE PG. 119
FD. S&W 20' JOSHUA
100.97
89°
70.71
R.P. FD. 2" I.P. 6" UP CONC. PL. & C.E. TAG
10'
50"
① 90°49'40"
④ 363°18'10"
90°49'32½"
⑥ 184°57'10"
90°49'31⅔"
① 89°10'50"
④ 356°43'10"
89°10'47½"
⑥ 175°05'00"
89°10'50"
667.29
1) 90-49-50
4) 363-19-50
90-49-57½
6) 184-59-50
90-49-58⅓
Set N&T P.P. #1219558E
90°49'55"
183RD ST. E.
123.68
FD. 2" I.P. Fl. WOOD PL. & TAG L.S. 2686
1.05
1/64 COR. FD. 2"x2" & TAG L.S. 2646 Set 1" I.P. 12" dn CONC. PL. & C.E. TAG
(33)
TO RIGHT PG. 119
TO ℄ AVE. H-14
678.84
(33)
140.08
667.29 AVE.
667.33 @ 74° = 667.29 TWICE
678.80 @ T = 92 = 678.84
Set Brass nail in S.W. Cor of House
1) 90-50-30
4) 03-22-20
90-50-35
6) 185-03-50
90-50-38⅓
90°50'40" MEAS.
TO BOT. RT SIDE PG. 119
182ND ST. E
1/16 COR. FD. 2"x2" & TAG L.S. 2646 Set 1" I.P. 12" dn CONC. PL. & C.E. TAG BY PROP
667.29
TO TOP PG. 117
W.S. 68, A-4
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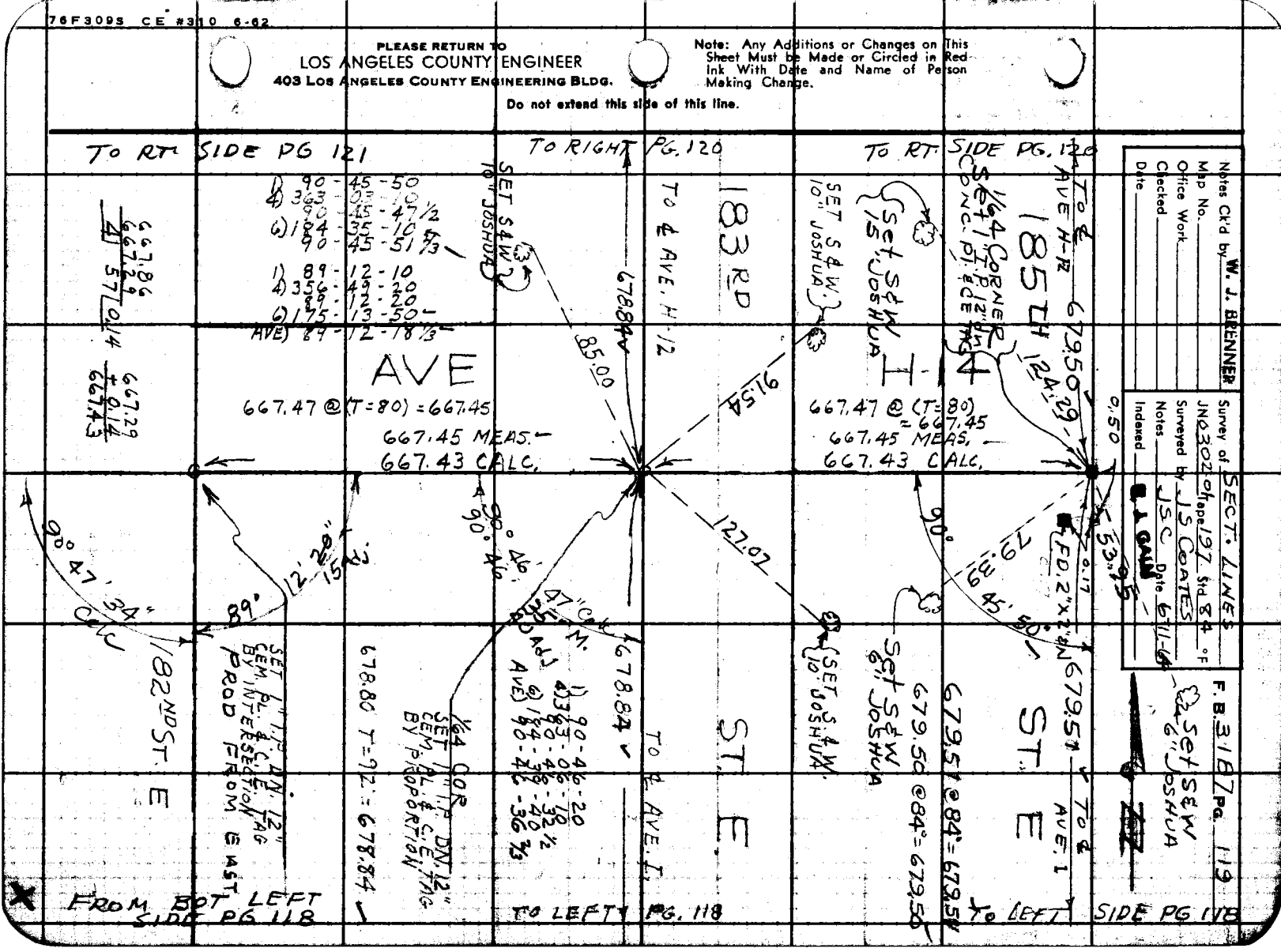
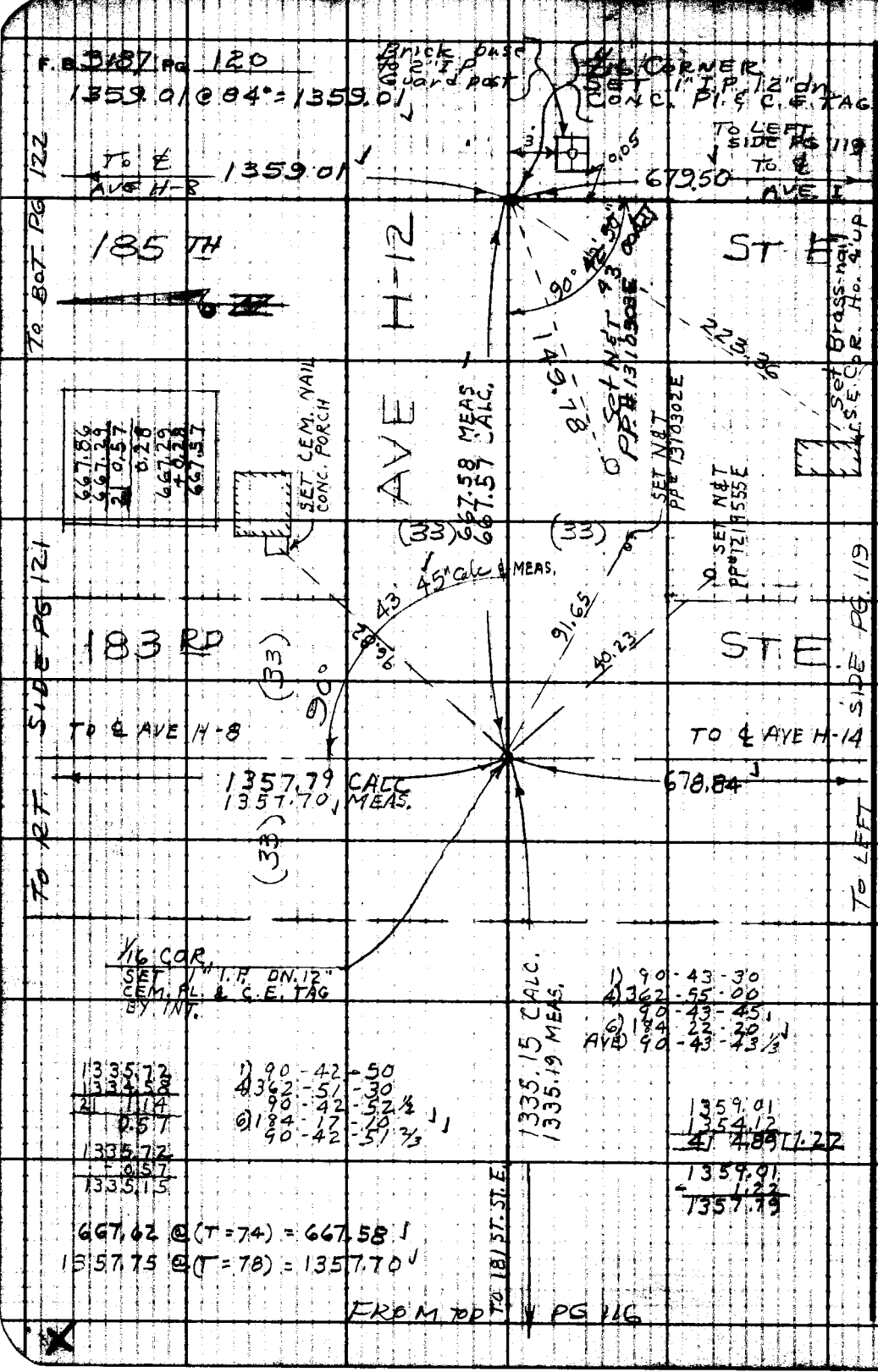


F.B. 3187 PG 120

1359.01 @ 84° = 1359.01



1) 90-43-30
4) 362-55-00
90-43-45
6) 184-22-20
AVE 90-43-43 1/3

1335.72
1334.58
2 1.14
0.57
1335.72
- 0.57
1335.15

1) 90-42-50
4) 362-51-30
90-42-52 1/2
6) 184-17-10
90-42-51 2/3

1359.01
1354.12
4 4.89 1.22
1359.01
- 1.22
1357.79

667.62 @ (T = 74) = 667.58
1357.75 @ (T = 78) = 1357.70

FROM TOP PG 116

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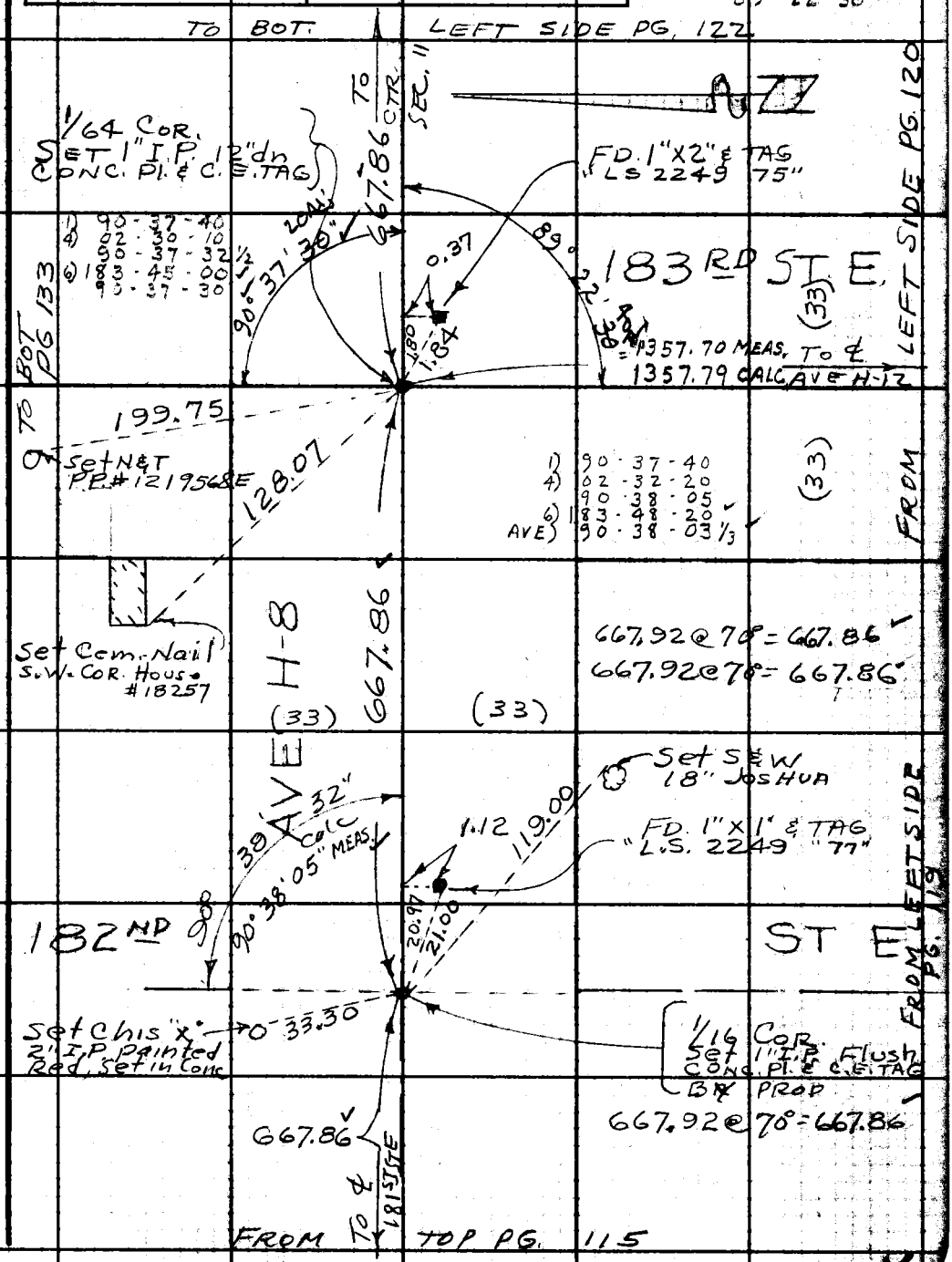
Notes Ck'd by W. J. BRENNER	Survey of SECT. LINES	F. B. 3187 Pg. 721
Map No.	JN 0302.01 Tape 197 Std 84 °F	1) 89-22-20
Office Work	Surveyed by JS COATES	4) 357-29-40
Checked	Notes JSC Date 6-11-64	89-22-25
Date	Indexed [illegible] GALLI	6) 176-15-00
		89-22-30



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76F3095 CE #310 6-62

F.B. 3187 PG 122

TO RT. SIDE PG 124

N 1/4 CORNER
SET 1" I.P. 12" dn
CONC P.L.S. C.E. TAG
BY PROP

Set N & T
PP #1219425B

679.59 AVE H

TO ℄

AVE.

TO ℄
186TH ST E

2004.13 MEAS.
2003.94 CALC.

25 Ac
20 V

89°26'
90°33'
72°33'40"

H-6

667.95 MEAS
667.90 CALC

TO ℄
186TH ST E

SIDE PG 123

TO LEFT

FROM TOP PG 114

(33)

Set P.M. in 1" X 1" on
2" I.P. 18" UP

31.33

667.96 (CT=82) = 667.95

1	89	26	00
2	357	45	20
3	89	26	20
4	176	38	00
	89	26	20
5	90	33	40
6	342	46	00
	90	33	45
7	189	22	10
	90	33	41 2/3
8	89°	23	00"
9	357°	32	20"
10	89°	23	02"
11	176°	18	40"
	89°	23	06 2/3

679.61 @ BOC = 679.59

185TH ST E

679.59

2005.00
2003.59
Δ 1.42 T 0.355

2003.58
2003.94

Set N & T
PP #1309699B

R.P.
SET 2" I.P. 6" UP
CONC P.L.S. C.E. TAG

(33)

(33)

89°

23

70.71

45°

18.31

AVE.

H-8

8.55

667.86

TO ℄
186TH ST E

667.78

TO ℄
186TH ST E

2.39
FD. 1" X 1" TAG
L.S. 2269 73"

CENTER SECT. 11
T7N R9W
SET C.E. MON 12" dn
BY ENT.
MARKED

0.28

FD
2" X 2"
B.N.
N. Pct.

70.71

1359.01

TO ℄
AVE H-12

TO LEFT

SIDE PG 120

R.P.
SET 2" I.P. 6" UP
CONC P.L.S.
C.E. TAG

COUNTY ENGINEER
T7N
CTR.
R9W
SEC. 11
S.E. 8868

LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PLEASE RETURN TO

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Do not extend this side of this line.

WS 68-4-4

Notes Ck'd by W. J. BRENNER	Survey of SECT. LINES	F. B. 3187 PG. 123	
Map No.	JN0302.01 Tape 197 Std 84 °F		
Office Work	Surveyed by JS COATES		
Checked	Notes JSC Date 6-12-64		
Date	Indexed B & GAUM		

TO RT. SIDE PG 124

668.40
667.73
0.67 ÷ 4 = 0.17

667.73
+ 0.17
667.90

FROM RT. SIDE PG 122

1) 90-33-00
4) 362-12-40
90-33-10
6) 1803-13-10
AVE. 90-33-11 2/3

AVE.

SET SPKT W IN 14" JOSHUA

182.12

FD. 1½" & TAG "L.S. 2249 57"

(33) H-6

SET SPKT W IN 14" JOSHUA

201.02

1/64 COR SET 1" I.P. 12" DN CONC. PL. & C.E. TAG BY INT

1.95 4.72 2.59

To ℄ 185TH ST. E 667.90 calc 667.95 MEAS

667.90 CALC 667.92 MEAS. To ℄ 187TH ST. E

90°00'00"

32'57" calc 33'10½ MEAS.

(33) 667.93 @ (T=82) = 667.92

TO LEFT SIDE PG. 125

Set brass-nail Cor. of Ho. up 1'S

682.00
679.59
2.41 ÷ 4 = 0.60
679.59
+ 0.60
680.19

680.19' CALC BY MEAS.

186TH ST. E

680.17 @ T(=88) = 680.19

(33) (33)

90°-36-00
362-24-50½
1803-37-10½
1803-36-11½

Frome House

135.19

90°36'00" FD. 1"x1" & TAG L.S. 2249 71"

set brass-nail cor. of Ho. up 1'S

122.54

3.37 1.63

To ℄ 185TH ST. E 667.73

667.73

To ℄ 187TH ST. E

FROM RT. SIDE PG. 127

AVE.

2.77

H-8

1/64 COR Set 1" IP 12" dn CONC. PL. & C.E. TAG

667.74 @ 82° = 667.73

TO LEFT SIDE PG. 125

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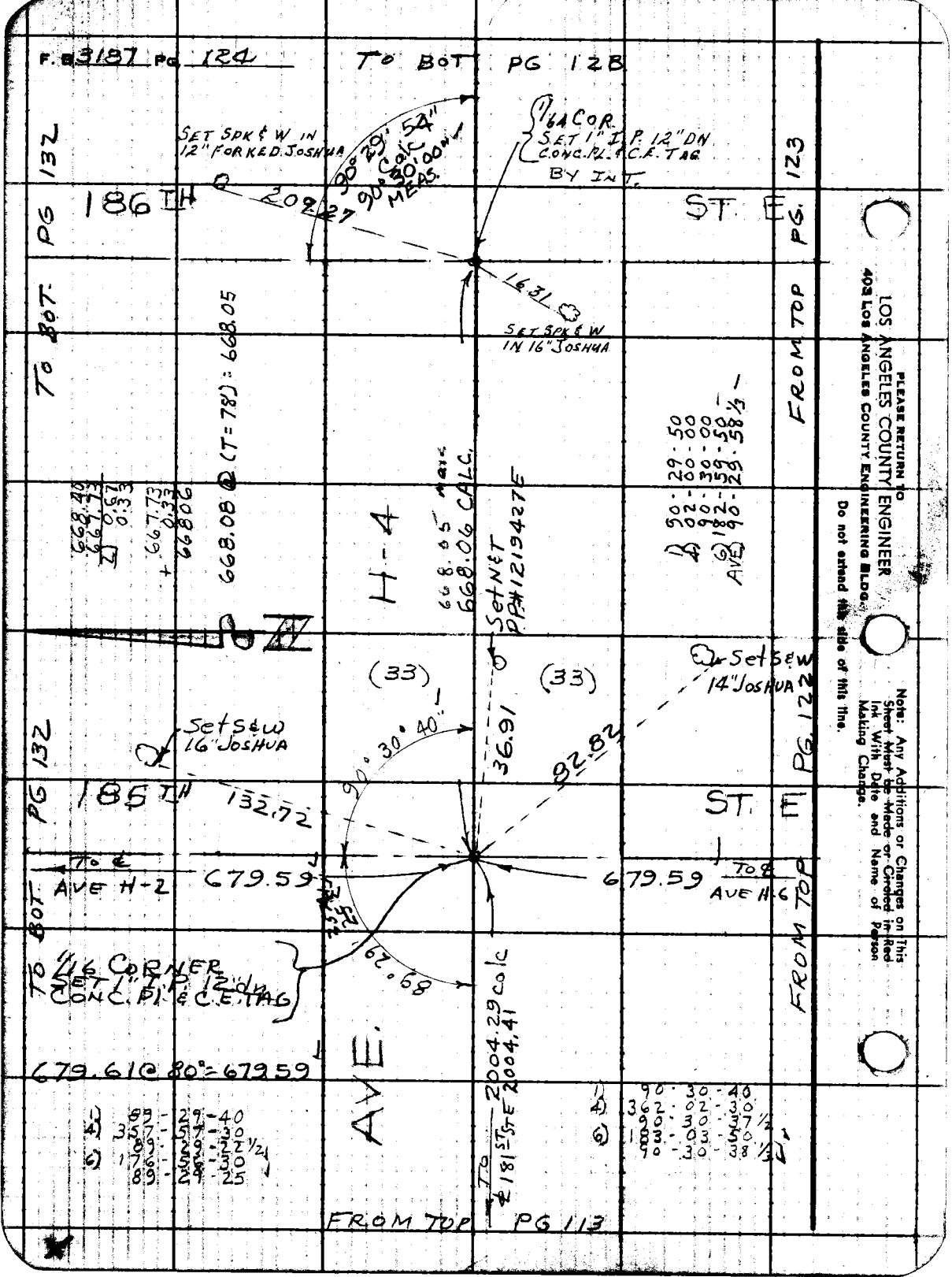
76F3095 CE #310 6-62


F.B. 3187 PG 124
TO BOT PG 128
SET SPK & W IN 12" FORKED JOSHUA
90° 29' 54" Calc
90° 30' 00" MEAS.
1/64 COR. SET 1" I.P. 12" DN CONC. PL. & C.E. TAG BY INT.
186TH
209.27
ST. E
TO BOT. PG 132
FROM TOP PG. 123
1631
SET SPK & W IN 16" JOSHUA
668.08 @ (T=78) = 668.05
668.40
667.73
0.67
0.33
+ 667.73
0.33
668.06
H-4
668.05 MAX
668.06 CALC.
SET NET PP#1219427E
1) 90-29-50
4) 02-00-00
90-30-00
6) 182-59-50
AVE 90-29-58 1/3
(33)
(33)
Set S&W 14" JOSHUA
Set S&W 16" JOSHUA
90° 30' 40"
36.91
82.82
185TH
132.72
ST. E
PG 132
PG 122
TO ℄ AVE H-2
679.59
679.59
TO ℄ AVE H-6
TO BOT.
FROM TOP
1/16 CORNER SET 1" I.P. 12" dn CONC. PL. & C.E. TAG
89° 29'
AVE.
2004.29 calc
2004.41
679.61 @ 80° = 679.59
1) 89-29-40
4) 357-57-30
89-29-22 1/2
6) 176-56-30
89-29-25
1) 90-30-40
4) 362-02-30
90-30-37 1/2
6) 183-03-50
90-30-38 1/3
TO ℄ 181ST STE
FROM TOP PG 113
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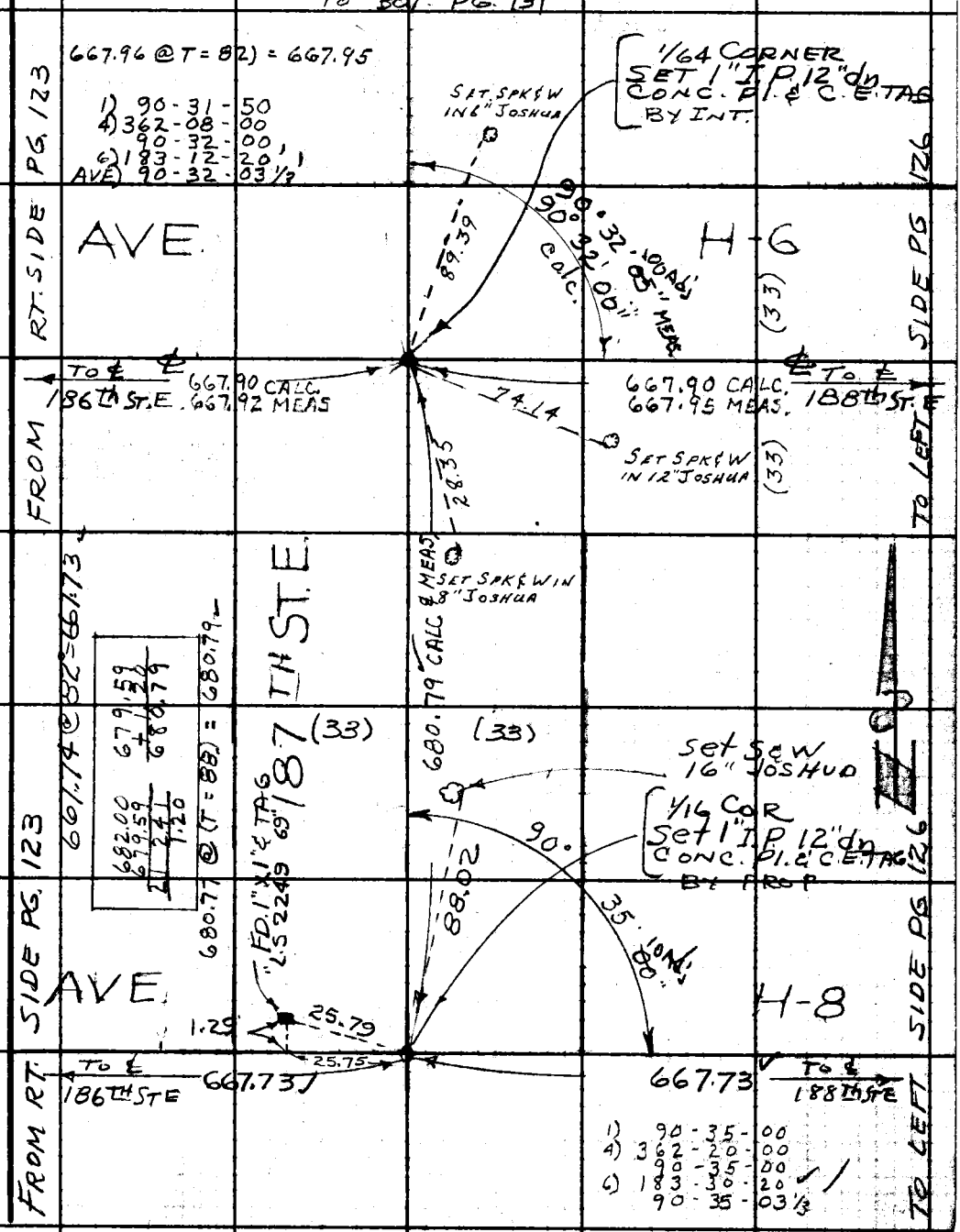
Notes Ck'd by W. J. BRENNER	Survey of SECT. LINES	F. B. 3187 Pg. 125
Map No.	JN 0302-01 Tape 197 Std 84 °F	
Office Work	Surveyed by JS COATES	
Checked	Notes JSC Date 6-12-64	
Date	Indexed G. J. GALLI	



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

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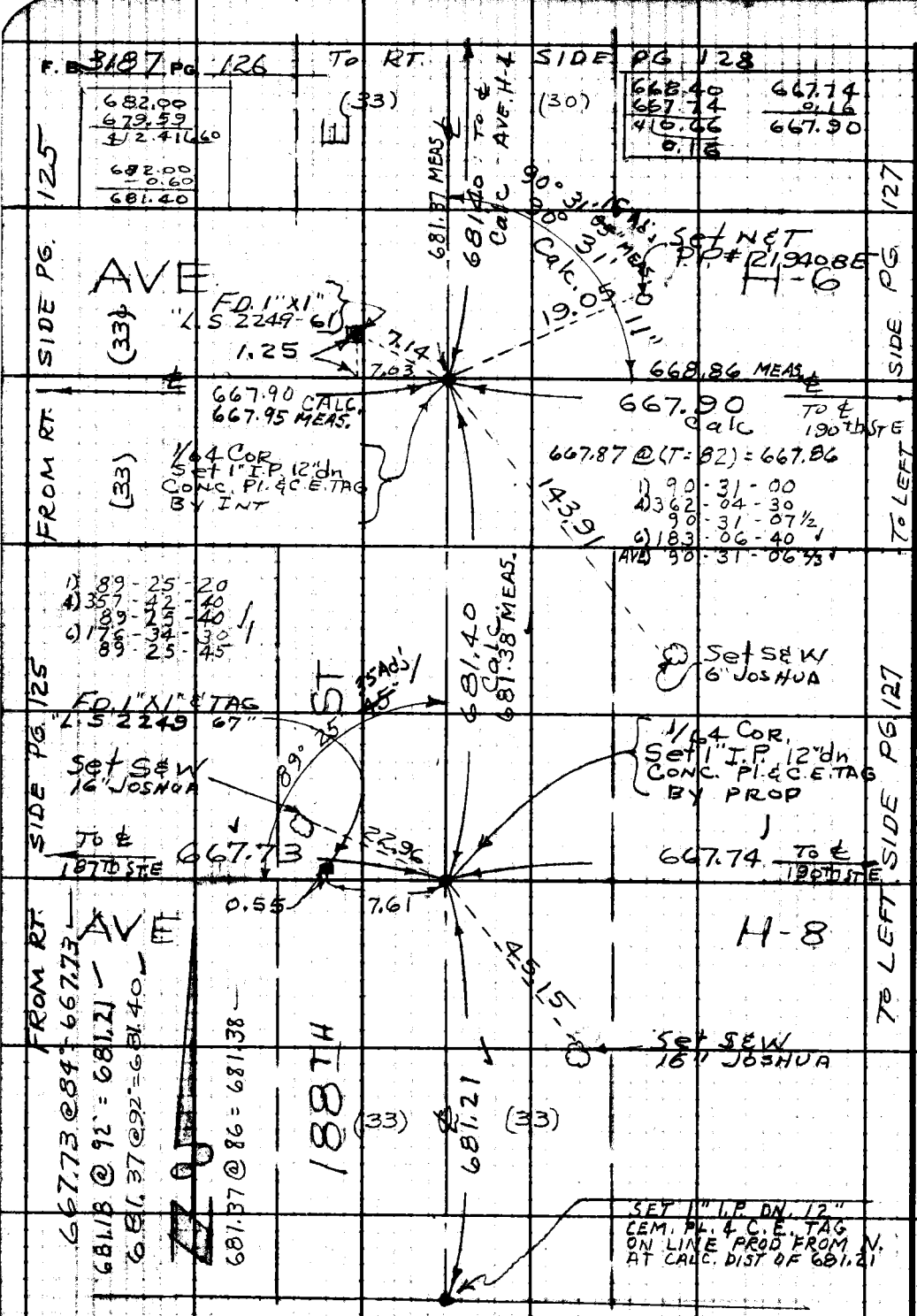
76F3095 CE #310 6-62



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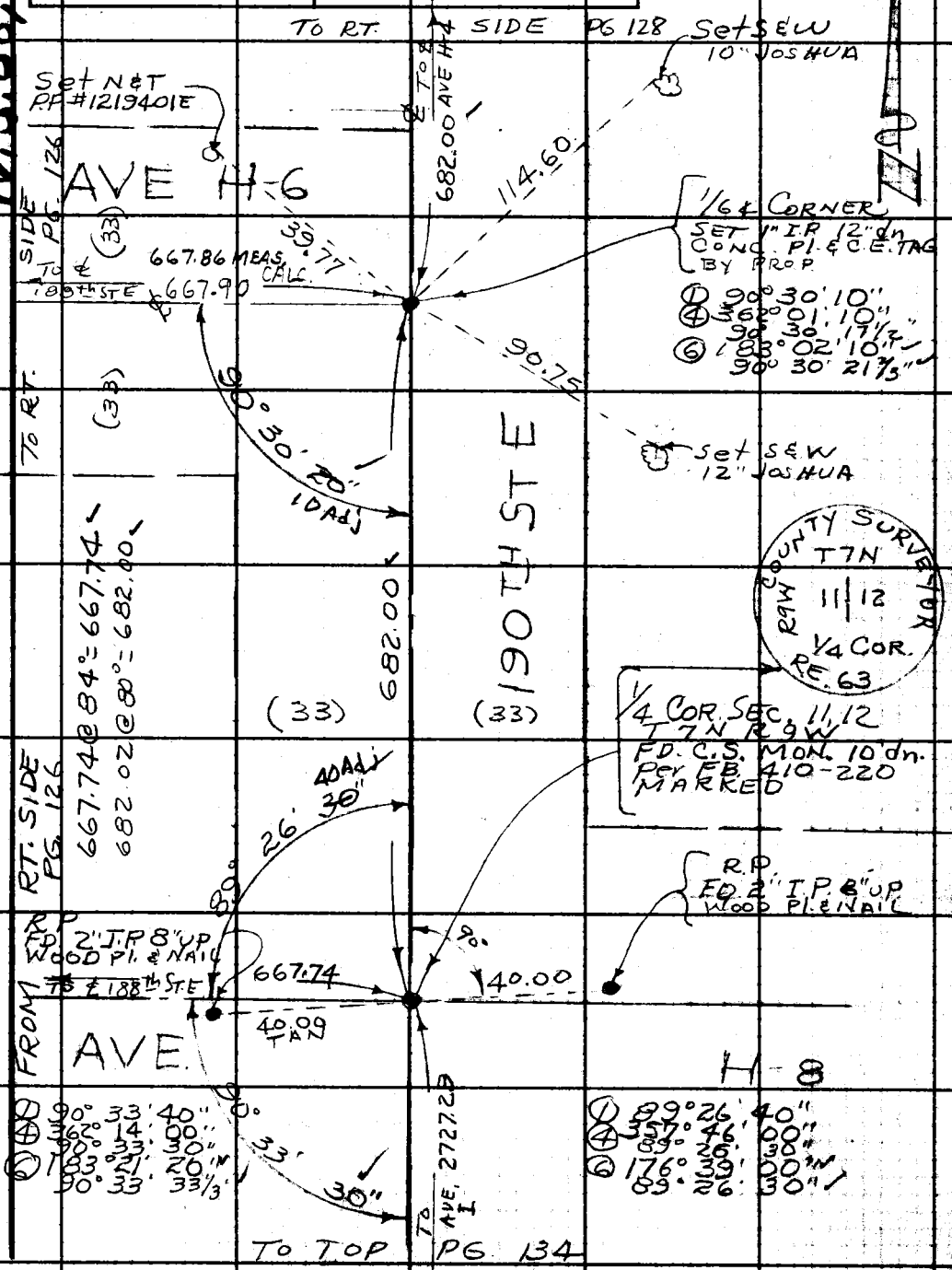
W.S.68, A-4

Notes Ck'd by W. J. BRENNER	Survey of SECT LINES	F. B. 3187 PG. 127
Map No.	JN 0302.01 Tape 197 Std 84 °F	
Office Work	Surveyed by J.S. COATES	
Checked	Notes JSC Date 6-12-64	
Date	Indexed R. J. GALLI	



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LOS ANGELES COUNTY ENGINEER
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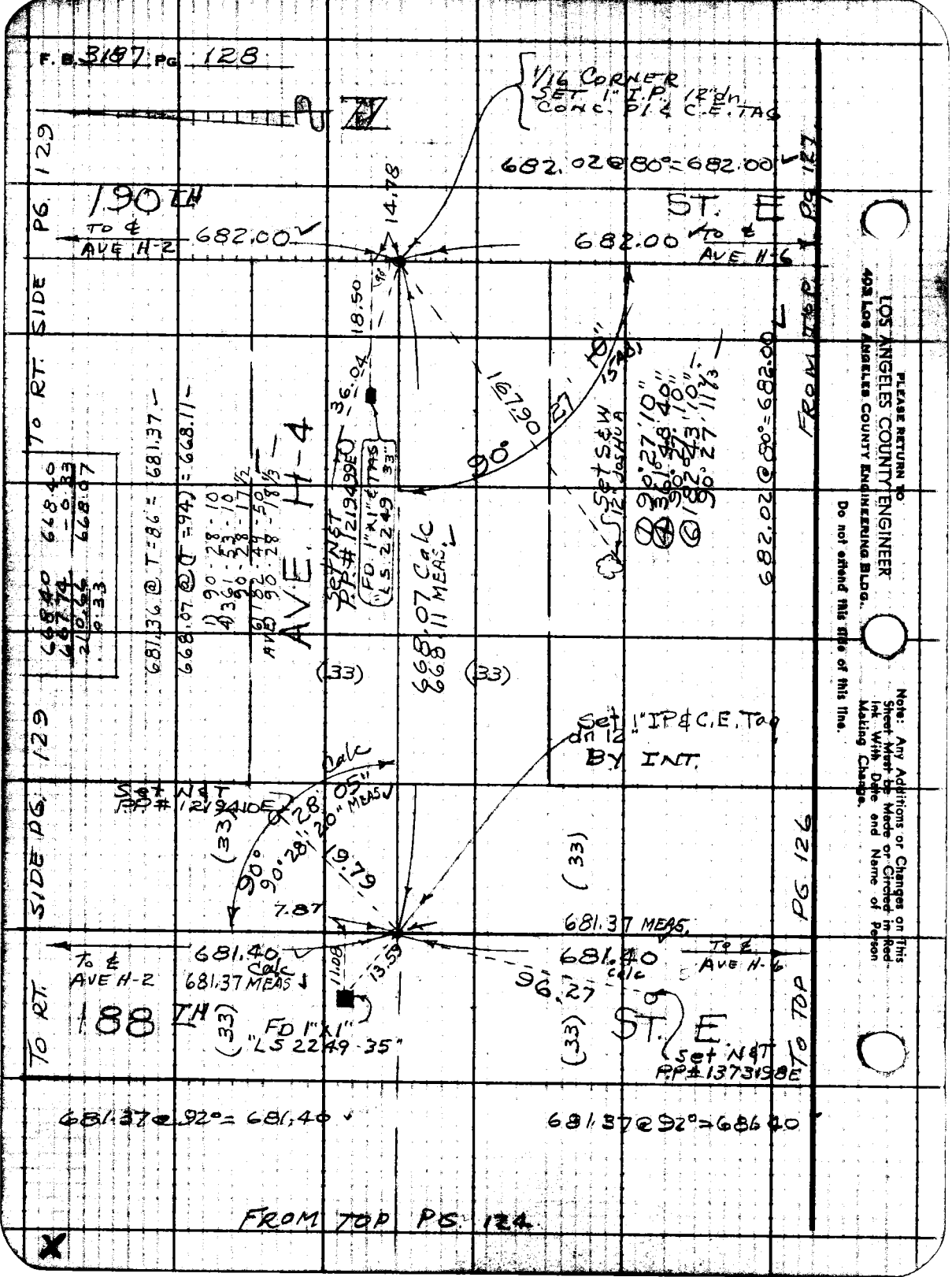
76F3095 CE #310 6-62


F.B. 3187 PG. 128
1/16 CORNER
SET 1" I.P. 12" dn
CONC. P/L & C.E. TAG
682.02 @ 80° = 682.00
190TH
TO ℄ AVE H-2
682.00
ST. E
682.00
TO ℄ AVE H-6
14.78
18.50
36.04
167.90
90° 27' 10"
15 ADJ
Set S&W 12" JOSHUA
90° 27' 10"
90° 27' 10"
90° 27' 11 1/3"
682.02 @ 80° = 682.00
FROM TOP PG. 127
TO RT. SIDE PG. 129
AVE. H-4
Set N&T P.P. # 1219499E
FD 1"x1" "LS 2249 33"
668.07 Calc
668.11 MEAS.
(33)
(33)
681.36 @ T=86 = 681.37
668.07 @ (T=94) = 668.11
Set 1" IP & C.E. Tag dn 12"
BY INT.
Calc
Set N&T P.P. # 1219410E
28.05"
90° 28' 20" MEAS
19.79
7.87
(33)
(33)
681.37 MEAS.
681.40 Calc
681.37 MEAS
681.40 Calc
TO ℄ AVE H-2
TO ℄ AVE H-6
11.08
13.59
96.27
188TH
FD 1"x1" "LS 2249-35"
ST. E
Set N&T P.P. # 1373198E
TO RT. SIDE PG. 129
TO TOP PG. 126
681.37 @ 92° = 681.40
681.37 @ 92° = 681.40
FROM TOP PG. 124
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403 Los Angeles County Engineering Bldg.
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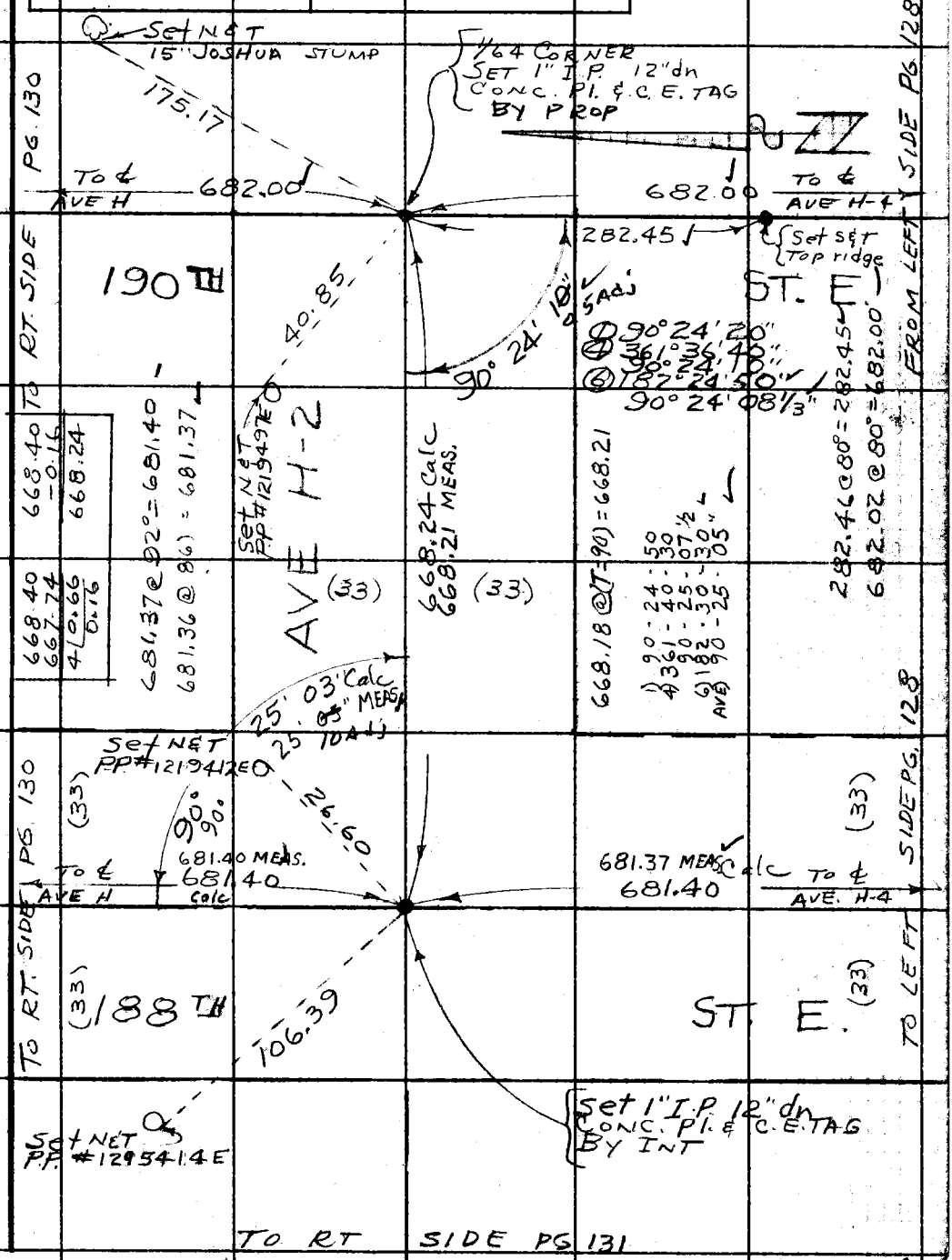
Notes Ck'd by W. J. BRENNER	Survey of SECT. LINES	F. B. 3187 Pg. 129
Map No.	JN 0302.01 Tape 197 Std 84 °F	
Office Work	Surveyed by JS COATES	
Checked	Notes JSC Date 6-12-64	
Date	Indexed G. J. GALL	



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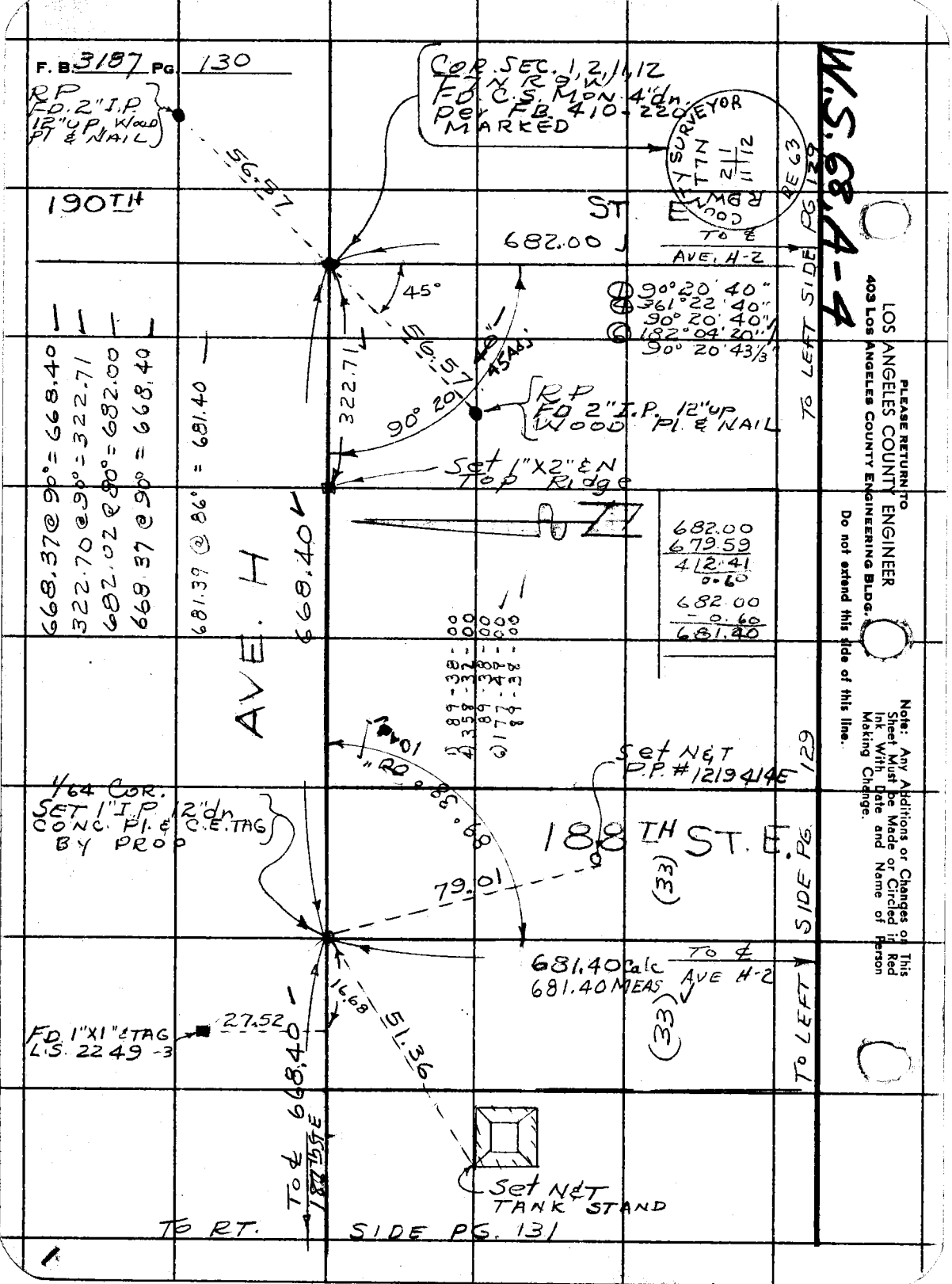
76F309S CE # 310 3-61


F. B. 3187 PG. 130
RP FD. 2" I.P. 12" UP, WOOD PL & NAIL
COR. SEC. 1, 2, 11, 12 T7N R9W FD. C.S. MON. 4" dn. PER F.B. 410-220 MARKED
COUNTY SURVEYOR T7N R9W 2 11 11 12 RE 63
W.S. 68, A-4
190TH ST. E
682.00
TO ℄ AVE. H-2
TO LEFT SIDE PG. 129
45°
56.57
90° 20' 40"
361° 22' 40"
90° 20' 40"
182° 04' 20"
90° 20' 43 1/3"
RP FD 2" I.P. 12" UP WOOD PL. & NAIL
Set 1"X2" & N Top Ridge
322.71
90° 20' 40" 45 Adj
668.37 @ 90° = 668.40
322.70 @ 90° = 322.71
682.02 @ 90° = 682.00
668.37 @ 90° = 668.40
681.39 @ 86° = 681.40
AVE. H
668.40
682.00
679.59
4 12.41
0.60
682.00
- 0.60
681.40
89-38-00
358-32-00
89-38-00
177-48-00
89-38-00
Set N&T P.P. #1219414E
1/64 COR. SET 1" I.P. 12" dn CONC. PL. & C.E. TAG BY PROP
188TH ST. E.
(33)
79.01
681.40 Calc
681.40 MEAS
TO ℄ AVE H-2
(33)
TO LEFT SIDE PG. 129
FD. 1"X1" & TAG L.S. 2249-3
27.52
16.68
51.36
668.40
TO ℄ 188TH ST E
Set N&T TANK STAND
TO RT. SIDE PG. 131
PLEASE RETURN TO
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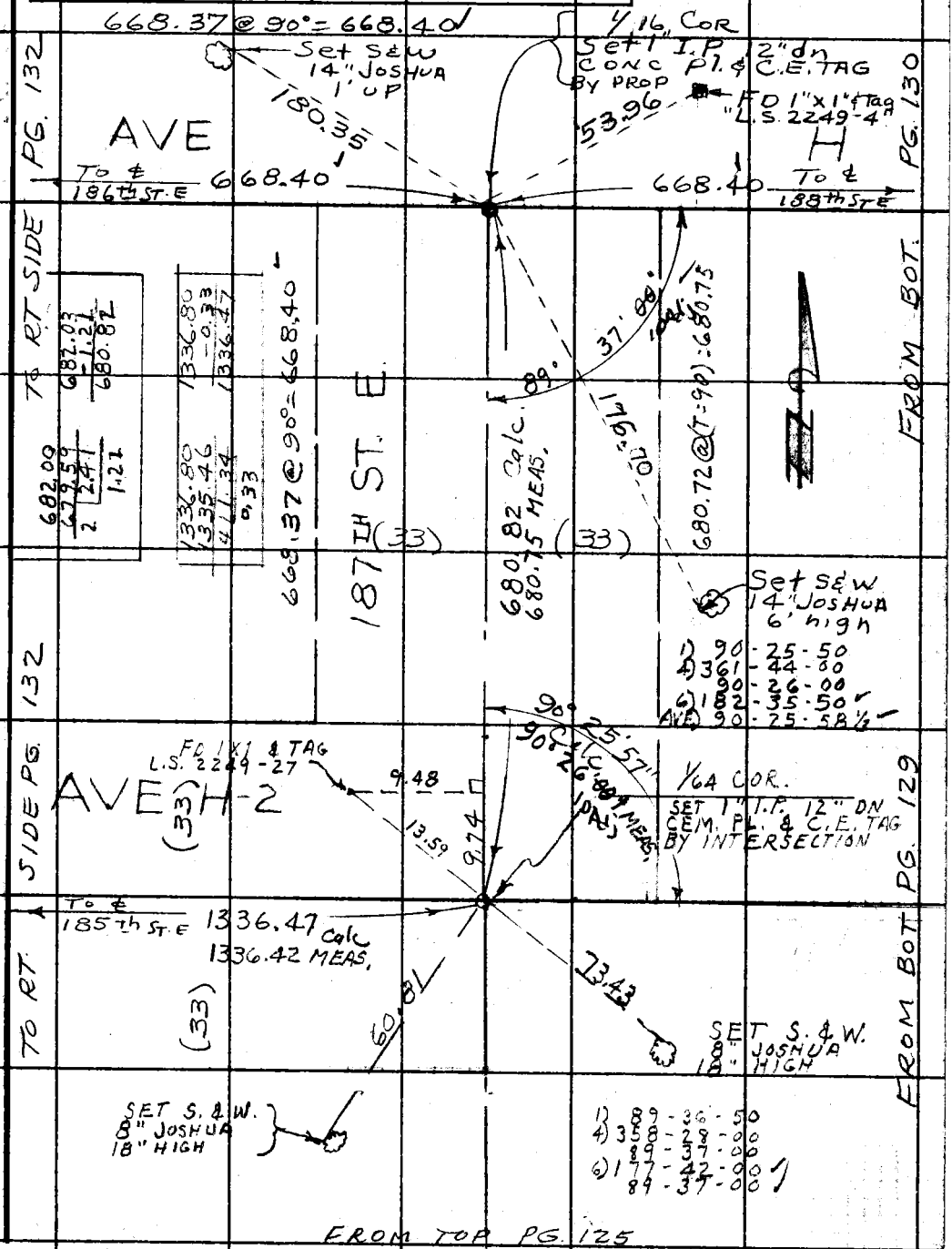
Notes Ck'd by W. J. BRENNER	Survey of SECT. LINES	F. B. 3187 PG. 131
Map No.	JN 6302.01 Tape 197 Std 84 °F	
Office Work	Surveyed by JS COATES	
Checked	Notes JSC Date 6-12-64	
Date	Indexed E. J. GALM	



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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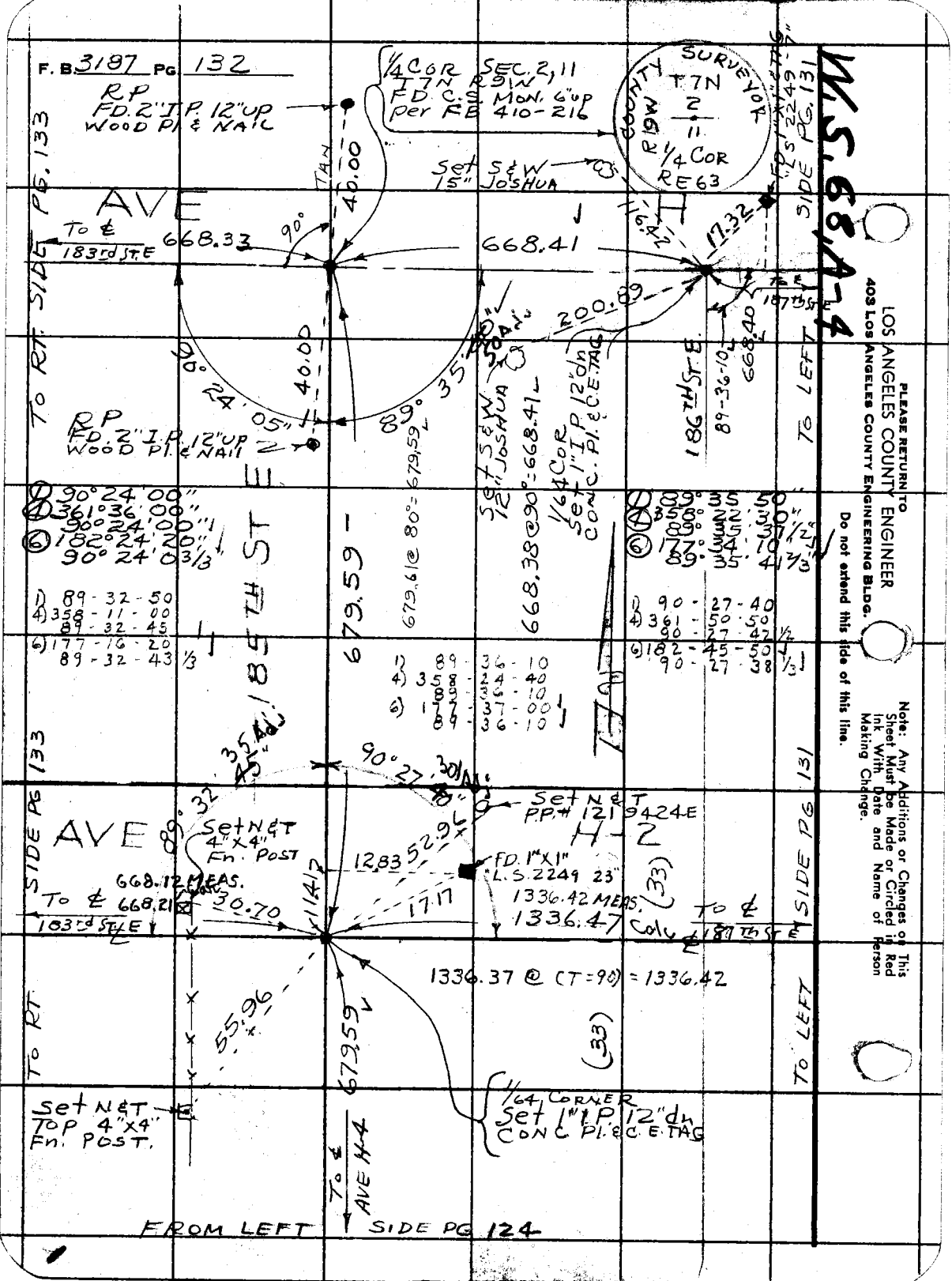
76F3095 CE # 310 3-61


F. B. 3187 PG. 132
RP
FD. 2" I.P. 12" UP
WOOD PL & NAIL
1/4 COR SEC. 2, 11
T7N R9W
FD. C.S. MON. 6" UP
per FB 410-216
COUNTY SURVEYOR
T7N
R9W
2
11
1/4 COR
RE 63
Set S&W
15" JOSHUA
AVE
H
To ℄
183rd ST. E
668.33
90°
40.00
668.41
116.42
17.32
200.89
To ℄
187th ST. E
90° 24' 05"
40.00
89° 35' 50"
RP
FD. 2" I.P. 12" UP
WOOD PL. & NAIL
Set S&W
12" JOSHUA
668.38 @ 90° = 668.41
1/64 COR
Set 1" I.P. 12" dn
CONC. PL. & C.E. TAG
186TH ST. E
89-36-10
668.40
TO RT. SIDE PG. 133
TO LEFT SIDE PG. 131
185TH ST E
679.59
679.61 @ 80° = 679.59
① 90° 24' 00"
④ 361° 36' 00"
90° 24' 00"
⑥ 182° 24' 20"
90° 24' 03 1/3"
1) 89-32-50
4) 358-11-00
89-32-45
6) 177-16-20
89-32-43 1/3
① 89° 35' 50"
④ 358° 22' 30"
89° 35' 37 1/2"
⑥ 177° 34' 10"
89° 35' 41 2/3"
1) 90-27-40
4) 361-50-50
90-27-42 1/2
6) 182-45-50
90-27-38 1/3
1) 89-36-10
4) 358-24-40
89-36-10
6) 177-37-00
89-36-10
90° 27' 30"
89° 32' 45"
Set N&T
P.P.# 121 9424E
AVE
H-2
Set N&T
4"x4"
Fn. POST
12.83
52.96
FD. 1"x1"
L.S. 2249 23"
668.12 MEAS.
To ℄ 668.21
183rd ST. E
30.70
11.41
17.17
1336.42 MEAS.
1336.47
Calc
To ℄
187th ST. E
(33)
1336.37 @ (T=90) = 1336.42
55.96
679.59
(33)
Set N&T
TOP 4"x4"
Fn. POST.
1/64 CORNER
Set 1" I.P. 12" dn
CONC. PL. & C.E. TAG
To ℄
AVE H-4
FROM LEFT SIDE PG. 124
W.S. 68, A-4
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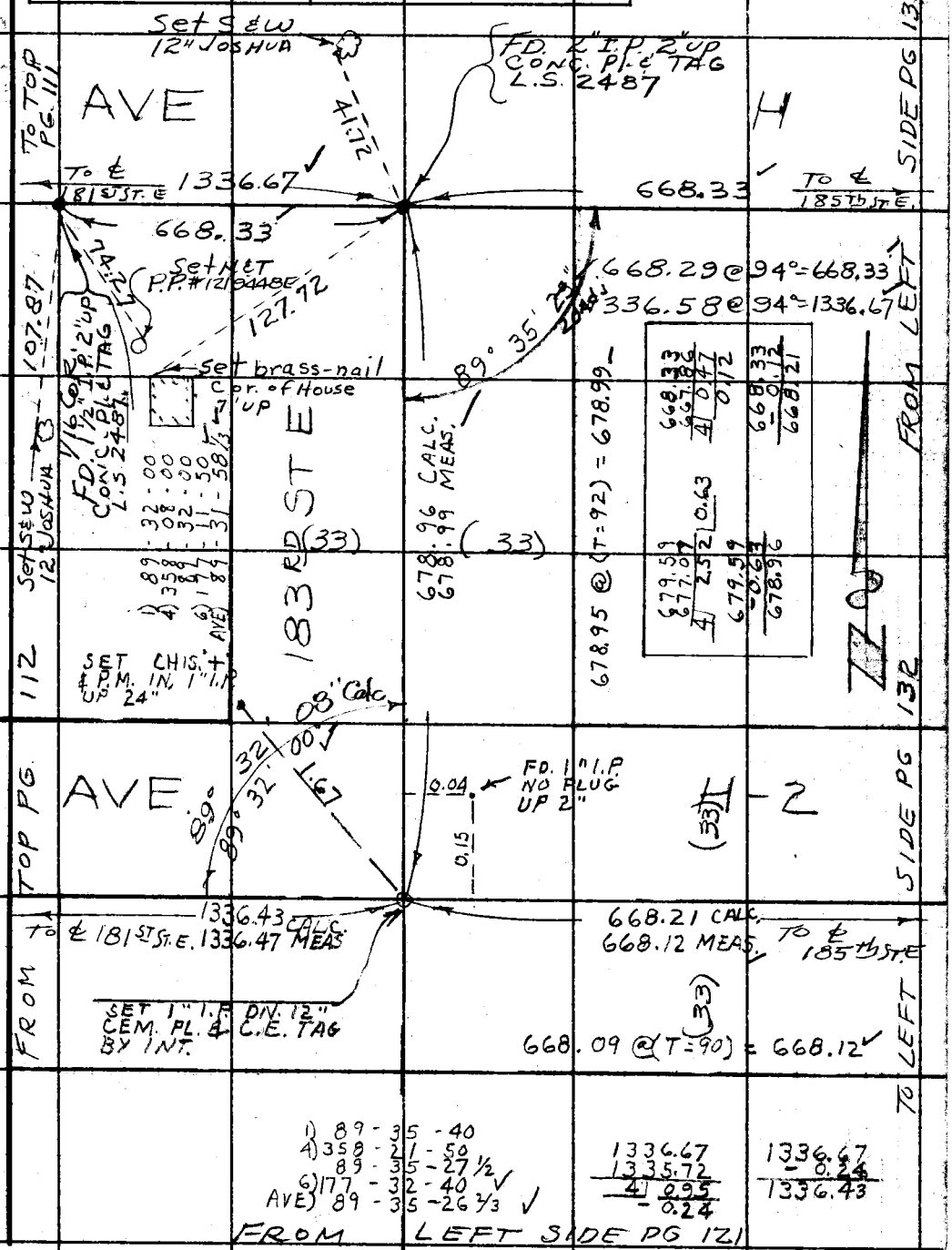
Notes Ck'd by W. J. BRENNER	Survey of SECT. LINES	F. B. 3187 Pg. 133
Map No.	JN 030201 Tape 197 Std 84 °F	
Office Work	Surveyed by J S COATES	
Checked	Notes J.S.C. Date 6-13-64	
Date	Indexed E. J. GALM	



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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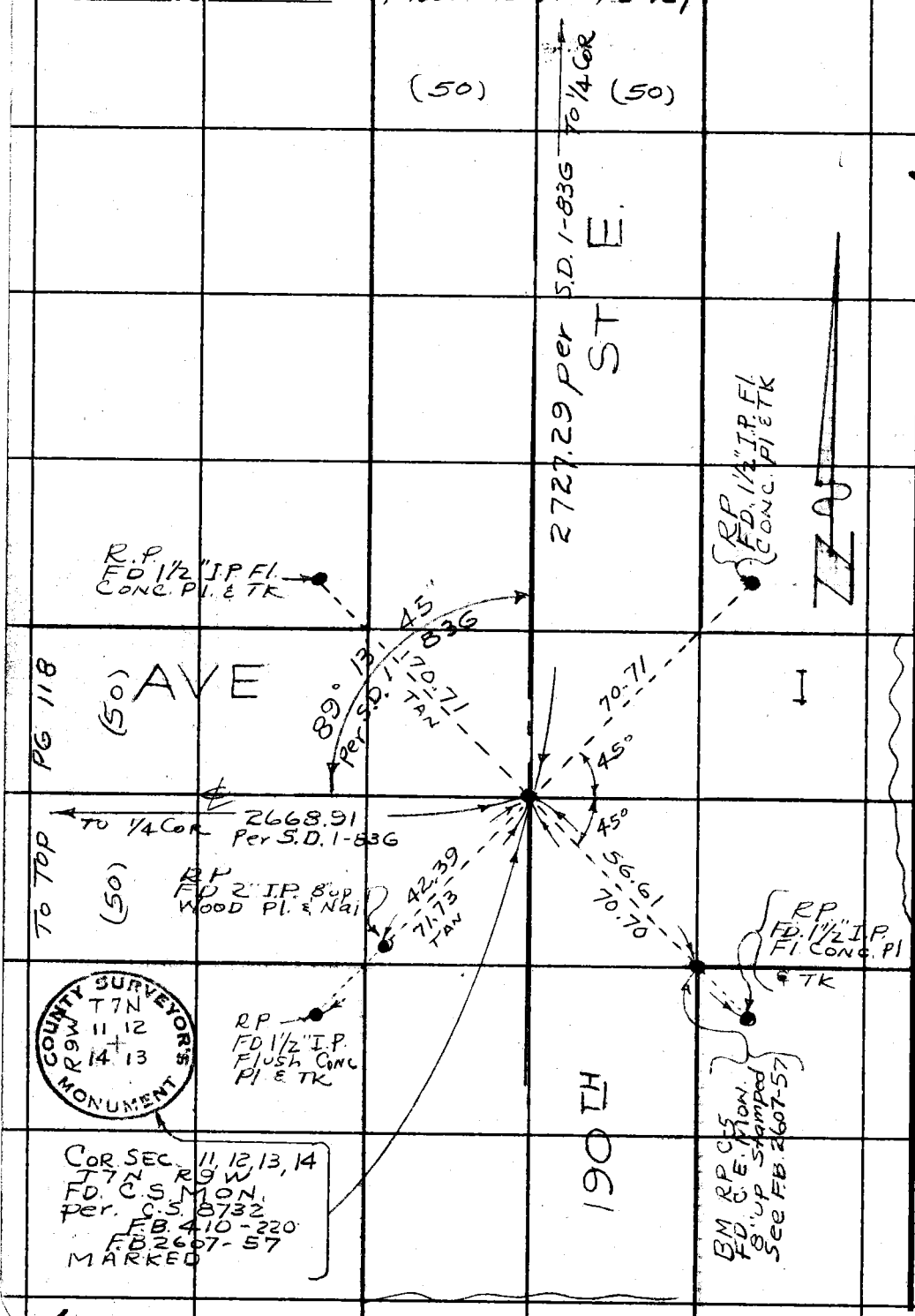
76F3095 CE # 310 3-61

F. B 3187 PG 134

FROM BOT. PG 127



W.S. 68, A-4

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 0118.00 SURVEY OF W. W. DIST. # 35
DATE SURVEY BY J. C. PIERCE
NOTES CHKD. NOTES BY J. C. P. DATE 7-27-64
DATE INDEXED J. J. GAUL DATE

F. B. 3187 PG. 135

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
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 0118.00						
WATER WORKS DISTRICT # 35						
SECTION 11, T.7N. R.9W.						
BENCH LEVELS						
	PIERCE VAN NESS TALBOT ALBRIGHT RITTER					

769420 S & E-353 4-54

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
BMNC. 1085	3029.528					BMNC-1085 UNADJ. ELEV. = 3029.528
+	6.124		6.090			F.B. 3187-30 180TH ST. E. & AVE. H ℄ INT
π	3035.652	+3.170	+3.171			SEC. 30 E. 2, 3, 10, 11, T 7N. R. 9 W. A G. L.O. MON
−	2.954		2.919			4" UP
BMNC 1086	3032.698					BMNC-1086 UNADJ ELEV = 3032.700
+	0.338		0.348			F.B. 3187-30 180TH ST. E. & AVE H. 50' W.
π	3033.036	-7.811	-7.813			& 50' S. ℄ INT FD. BRASS NAIL IN 2" I.P.
−	8.149		8.161			4" UP
T.P.	3024.887					
+	6.866		6.867			
π	3031.753	+5.563	+5.565			
−	1.303		1.302			
T.P.	3030.450					
+	8.183		8.221			
π	3038.633	-0.955	-0.956			
−	9.138		9.177			
T.B.M.H-181E	3029.495					T.B.M. H-181E ELEV. = F.B. 3187-136
+	2.634		2.607			AVE. H & 181ST ST. E. ℄ INT FD. BRASS NAIL &
π	3032.129	-2.122	2.122			L.S. TAG 2487 IN 2" I.P. CONC. PLUG 2" UP
−	4.756		4.729			
T.P.	3027.373					
+	1.266		1.177			
π	3028.639	-9.193	-9.193			
−	10.459		10.370			
T.P.	3018.180					
+	1.545		1.482			
π	3019.725	-8.826	8.825			
−	10.371		10.307			
T.P.	3009.354					

JOB NO. 0118.00 SURVEY OF WATERWORKS DIST. 35 NOTES RED
SURVEY BY J.C. PIERCE DATE
NOTES BY J.C.P. DATE 7-27-64 NOTES CHKD
INDEXED [illegible] J. GAIN DATE DATE

F.B. 3187 PG. 136

X

76S420 S & E-383 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	3009.354	-				
+	2.482		2.519			
π	3011.836	-5.311	-5.312			
−	7.793		7.831			
T.B.M. H-182E	3004.043					T.B.M. H-182E ELEV.= F.B. 3187-137
+	3.960		3.911			AVE. H. & 182ND ST. E. & INT FD. BRASS NAIL
π	3008.003	-0.271	0.272			& L.S. TAG 2487 IN 2" I.P CONC. PLUG 2" UP
−	4.231		4.183			
T.P.	3003.772					
+	5.832		5.722			
π	3009.604	+3.522	+3.522			
−	2.310		2.200			
T.P	3007.294					
+	7.166		7.114			
π	3014.460	+4.844	+4.844			
−	2.322		2.270			
T.B.M. H-183E	3012.138					T.B.M. H-183E ELEV.= F.B. 3187-137
+	4.565		4.548			AVE. H & 183RD ST. E. & INT FD BRASS NAIL
π	3016.703	-3.815	3.814			& L.S. TAG 2487 IN 2" I.P CONC. PLUG 2" UP
−	8.380		8.362			
T.P.	3008.323					
+	5.771		5.742			
π	3014.094	+1.390	+1.394			
−	4.381		4.348			
T.P.	3009.713					
+	4.980		5.019			
π	3014.693	+4.580	+4.580			
−	0.400		0.439			
B.M.N.C. 1101	3014.293					B.M.N.C. 1101 ELEV.= F.B. 3187-137
						AVE. H. & 185TH ST. E. & INT 1/4 COR 2,11 T7NR9W
						A.C.S. MON. 6" UP

NOTES RED_____ JOB NO. 0113.00 SURVEY OF WATER WORKS DIST # 35
DATE_____ SURVEY BY J.C. PIERCE
NOTES CHKD._____ NOTES BY J.C.P. DATE 7-28-64
DATE_____ INDEXED G. J. GAUM DATE_____

F.B. 3182 Pg. 137

768420 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
B.M.N.C. 1101	3014.293					SEE PRECEEDING PAGE FOR DESCP.
+	5.743		5.710			
π	3020.036	+0.891	+0.891			
−	4.852		4.819			
B.M.N.C. 1102	3015.184					B.M.N.C. ELEV.: F.B. 3187-138
+	5.623		5.567			AVE. H & 185TH ST. E. 40'W & 40'N. ℄ INT
π	3020.807	−3.407	−3.409			FD. 2" I.P. WD PLUG & N 12" UP (ELEV ON N. SIDE)
−	9.030		8.976			
TP	3010.777					
+	1.360		1.339	1.340		
π	3013.137	+ 0.850	+0.901	+0.851		
−	0.510		0.438	0.489		
TP	3012.627					
+	3.563		3.503			
π	3016.190	−2.470	−2.471			
−	6.033		5.974			
T.B.M. H-186E	3010.157					T.B.M. H-186E ELEV.: F.B. 3187-138
+	6.571		6.549			AVE. H & 186TH ST. E. ℄ INT. FD BRASS NAIL &
π	3016.728	+6.241	+6.241			C.E. TAG IN 1" I.P. 12" DN
−	0.330		0.308			
T.P.	3016.398					
+	4.698		4.651			
π	3021.096	−2.571	−2.573			
−	7.268		7.224			
T.P.	3013.827					
+	2.451		2.388			
π	3016.278	−3.359	−3.356			
−	5.810		5.744			
T.B.M. H-187E	3010.468					T.B.M. H-187E ELEV.: F.B. 3187-138
						AVE H & 187TH ST. E. ℄ INT. FD BRASS NAIL &
						C.E. TAG IN 1" I.P. 12" DN

JOB NO. 0118.00 SURVEY OF WATER WORKS DIST. #35 NOTES RED
SURVEY BY J.C. PIERCE DATE
NOTES BY J.C.P. DATE 7-30-64 NOTES CHKD
INDEXED [illegible] DATE [illegible] DATE

F.B. 3187 PG. 138

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. H-187E	3010.468					SEE PRECEEDING PG. FOR DESCP.
+	6.681		6.601			
Π	3017.149	+ 3.778	+3.779			
—	2.903		2.822			
T.P.	3014.246					
+	5.362		5.299			
Π	3019.608	+ 4.618	+4.620			
—	0.744		0.679			
T.P.	3018.864					
+	8.663		8.607			
Π	3027.527	+4.441	+4.440			
—	4.222		4.167			
T.B.M. H-188E	3023.305					T.B.M. H-188E ELEV.: F.B. 3187-139
+	10.321		10.242			AVE. H & 188TH ST. E. & INT. FD. BRASS NAIL &
Π	3033.626	+8.526	+8.525			C.E. TAG IN 1" I.P. 12" DN
—	1.795		1.717			
T.P.	3031.831					
+	7.013		6.942			
Π	3038.844	+0.050	+ 0.051			
—	6.963		6.891			
T.P.	3031.881					
+	3.029		2.972			
Π	3034.910	- 5.229	- 5.229			
—	8.258		8.201			
B.M.N.C. 1103	3026.652					B.M.N.C. 1103 ELEV.: F.B. 3187-139
+	5.940		5.876			AVE H & 190TH ST. E & INT. SEC. COR 1,2,11,12
Π	3032.592	+ 1.895	+1.894			T 7N, R 9W A.C.S. MON 4" DN (ELEV. ON S.E.
—	4.045		3.982			EDGE)
B.M.N.C. 1104	3028.547					B.M.N.C. 1104 ELEV.: F.B. 3187-
						AVE H & 190TH ST. E. 40'W & 40'S, WD. PLUG & N IN 2" I.P.
						8" UP (ELEV. ON E. SIDE)

NOTES RED _____ JOB NO. 011800 SURVEY OF WATER WORKS DIST #35
DATE _____ SURVEY BY J.C. PIERCE
NOTES CHKD. _____ NOTES BY _____
DATE _____ INDEXED G.J. GAUL DATE 7-30-64
DATE _____

F.B. 3187 PG. 139

769420 S & E-253 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 01/8.00 SURVEY OF WATER WORKS DIST #35 NOTES RED ____ DATE ____
SURVEY BY J.C. PIERCE
NOTES BY J.C.P. DATE 7-30-64 NOTES CHKD ____ DATE ____
INDEXED B. J. GAUL DATE ____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMN.C.1104	3028.547					SEE PRECEEDING PG. FOR DESCR.
+	1.023		1.075			
Π	3029.570	-3.950	-3.949			
−	4.973		5.024			
T.P.	3024.597					
+	3.003		2.898			
Π	3027.600	-4.005	-4.004			
−	7.008		6.902			
T.P.	3020.592					
+	5.795		5.854			
Π	3026.387	-1.581	1.583			
−	7.376		7.437			
T.B.M. H2-190E	3019.011					T.B.M. H2-190E ELEV.= F.B. 3187-140
+	2.445		2.504			190TH ST. E. & AVE H-2 & INT. FA BRASS
Π	3021.456	-1.108	-1.106			NAIL & C.E. TAG IN 1" I.P. 12" DN
−	3.553		3.610			
T.P.	3017.903					
+	1.208		1.357			
Π	3019.111	-8.080	-8.081			
−	9.288		9.438			
T.P.	3009.823					
+	1.356		1.413			
Π	3011.179	-8.602	-8.604			
−	9.958		10.017			
T.B.M. H4-190E	3001.221					T.B.M. H4-190E ELEV.= F.B. 3187-140
+	1.474		1.548			190TH ST. E. & AVE. H-4 & INT. F.D. BRASS NAIL
Π	3002.695	-7.209	-7.208			& C.E. TAG IN 1" I.P. 12" DN
−	8.683		8.756			
T.P.	2994.012					

F. B. 3187 Pg. 140

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
72S 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.	2994.012					
+	2.585		2.557			
Π	2996.597	-6.300	-6.301			
−	8.885		8.858			
TP	2987.712					
+	2.210		2.260			
Π	2989.922	-6.072	-6.070			
−	8.282		8.330			
T.B.M. H6-190E	2981.640					T.B.M. H6-190E ELEV.: F.B. 3187-141
+	2.673		2.749			190TH ST. E. & AVE. H-6 & INT FD. BRASS NAIL
Π	2984.313	-6.135	-6.135			& C.E. TAG IN 1" I.P. 12" DN
−	8.808		8.884			
T.P.	2975.505					
+	1.692		1.722			
Π	2977.197	-6.826	-6.824			
−	8.518		8.546			
T.P.	2968.679					
+	3.387		3.428			
Π	2972.066	-4.077	-4.080			
−	7.464		7.508			
B.M.N.C. 1105	2964.602					B.M.N.C. 1105 ELEV.: F.B. 3187-141
+	6.240		6.290			190TH ST. E. & AVE H-8 & INT 1/4 COR 11, 12,
Π	2970.842	+1.260	1.258			T7N R9W A.C.S. MON 10' DN
−	4.980		5.032			
B.M.N.C. 1106	2965.862					B.M.N.C 1106 ELEV.: F.B. 3187-141
+	4.253		4.198			190TH ST. E & AVE H-8 40' W & INT FD. WD. PLUG
Π	2970.115	+1.350	+1.350			IN 2" I.P. 12" UP (ELEV. ON E. SIDE)
−	2.903		2.848			
T.P.	2967.212					

NOTES RED _____ JOB NO. 01180 SURVEY OF WATER WORKS DIST #35
DATE _____ SURVEY BY J.C. PIERCE DATE 7-30-64
NOTES CHKD. _____ NOTES BY J.C.P.
DATE _____ INDEXED G. J. GAUM DATE _____

F.B. 3187 PG. 141

F.B. 3187 PG. 142

JOB NO. 0118.00 SURVEY OF WATER WORKS DIST. #35 NOTES RED.
SURVEY BY J.C. PIERCE DATE
NOTES BY J.C.P. DATE 7-30-64 NOTES CHKD
INDEXED C. J. GALLI DATE DATE

768420 S & E-383 4-54

PLEASE RETURN TO
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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.	2967.212					
+	6.100		6.154			
π	2973.312	+0.932	+0.932			
−	5.168		5.222			
T.P.	2968.144					
+	2.776		2.830			
π	2970.920	−3.254	−3.254			
−	6.030		6.084			
T.B.M. H8-188E	2964.890					T.B.M. H8-188E ELEV.= F.B. 3187-142
+	2.644		2.750			AVE. H-8 & 188TH ST. E. ℄ INT. FD. BRASS NAIL
π	2967.534	−5.574	−5.574			& C.E. TAG. IN 1" I.P. 12" DN
−	8.218		8.324			
T.P.	2959.316					
+	2.744		2.703			
π	2962.060	−4.208	−4.207			
−	6.952		6.910			
T.P.	2955.108					
+	4.788		4.840			
π	2959.896	−2.296	−2.295			
−	7.084		7.135			
T.B.M. H8-187E	2952.812					T.B.M. H8-187E ELEV.= F.B. 3187-142
+	7.790		7.857			AVE. H-8 & 187TH ST. E. ℄ INT. FD. BRASS
π	2960.602	+ 3.806	3.809			NAIL & C.E. TAG IN 1" I.P. 12" DN
−	3.984		4.048			
T.P.	2956.618					
+	4.698		4.623			
π	2961.316	−2.247	−2.243			
−	6.945		6.866			
T.P.	2954.371					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2954.371					
+	4.035		4.122			
π	2958.406	-1.845	-1.846			
−	5.880		5.968			
TBM.H8-186E	2952.526					TBM H8-186E ELEV.= F.B. 3187-143
+	6.250		6.324			AVE H-8 & 186TH ST. E ℄ INT. FD. BRASS NAIL
π	2958.776	-0.454	-0.456			& C.E. TAG IN 1" I.P. 12" DN
−	6.704		6.780			
T.P.	2952.072					
+	4.763		4.838			
π	2956.835	-2.640	-2.641			
−	7.403		7.479			
T.P.	2949.432					
+	3.658		3.723			
π	2953.090	-2.249	-2.247			
−	5.907		5.970			
BMNC 1107	2947.183					B.M.N.C. 1107 ELEV.= F.B. 3187-143
+	5.342		5.530			AVE. H-8 & 185TH ST. E. ℄ INT CTR. SEC. 11
π	2952.525	+0.430	+0.428			T 7N, R 9W. FD. C.E. MON. 12" DN
−	4.912		5.102			
B.M.N.C. 1108	2947.613					B.M.N.C. ELEV.= F.B. 3187-143
+	1.763		1.901			AVE H-8 & 185TH ST. E. 50' S. & 50' E. ℄ INT.
π	2949.376	-5.552	-5.548			FD. BRASS NAIL & C.E. TAG IN 2" I.P. 6" UP
−	7.315		7.449			
T.P.	2942.061					
+	2.000		2.208			
π	2944.061	-5.270	-5.272			
−	7.270		7.480			
T.P.	2936.791					

NOTES RED. ____ JOB NO. 0118.00 SURVEY OF WATER WORKS DIST. #35
DATE ____ SURVEY BY J.C. PIERCE
NOTES CHKD. ____ NOTES BY J.C.P. DATE 7-31-64
DATE ____ INDEXED ____ DATE ____

F.B. 3187 PG. 143

JOB NO. 011800 SURVEY OF WATER WORKS DIST #35 NOTES RED
SURVEY BY J.C. PIERCE DATE
NOTES BY J.C.P. DATE 7-31-64 NOTES CHKD.
INDEXED U. J. GALLI DATE DATE

F.B. 3187 PG. 144

768420 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.	2936.791					
+	2.920		3.052			
π	2939.711	-4.508	-4.508			
−	7.428		7.560			
T.P.	2932.283					
+	1.575		1.688			
π	2933.858	-6.635	-6.634			
−	8.210		8.322			
T.P.	2925.648					
+	3.188		3.425			
π	2928.836	-3.707	-3.705			
−	6.895		7.130			
T.B.M. H12-185E	2921.941					T.B.M. H12-185E ELEV.= F.B. 3187-144
+	2.630		2.835			185TH ST. E & AVE. H-12 ℄ INT FD. BRASS NAIL
π	2924.571	-4.885	-4.885			& C.E. TAG IN 1" I.P. 12" DN
−	7.515		7.720			
T.P.	2917.056					
+	2.670		2.915			
π	2919.726	-4.962	-4.963			
−	7.632		7.878			
T.P.	2912.094					
+	3.412		3.652			
π	2915.506	-4.133	-4.133			
−	7.545		7.785			
T.B.M. H14-185E	2907.961					T.B.M. H14-185E ELEV.= F.B. 3187-144
+	2.882		3.022			185TH ST. E. & AVE. H-14 ℄ INT. FD. BRASS NAIL
π	2910.843	-4.780	-4.780			& C.E. TAG IN 1" I.P. 12" DN
−	7.662		7.802			
T.P.	2903.181					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2903.181					
+	2.598		2.870			
π	2905.779	-3.037	-3.040			
−	5.635		5.910			
T.P.	2900.144					
+	3.761		4.020			
π	2903.905	-3.387	-3.385			
−	7.148		7.405			
B.M.N.C. 1109	2896.757					B.M.N.C. 1109 ELEV.: F.B. 3187-145
+	7.437		7.090			185TH ST.E. & AVE. I. & INT. 1/4 COR 11,14
π	2904.194	+2.527	+2.528			T.7N, R9W FD. C.S. MON. 12" DN
−	4.910		4.562			
B.M.N.C. 1110	2899.284					B.M.N.C. 1110 ELEV.: F.B. 3187-145
+	4.220		3.945			185TH ST.E. & AVE. I. 50'N. & 50' W. & INT.
π	2903.504	-1.458	-1.456			BRASS NAIL & C.E. TAG IN 2" I.P. 6" UP
−	5.678		5.401			
T.P.	2897.826					
+	5.120		4.910			
π	2902.946	+1.040	+1.040			
−	4.080		3.870			
T.P.	2898.866					
+	5.450		5.322			
π	2904.316	-0.822	-0.823			
−	6.272		6.145			
T.B.M. I-183E	2898.044					T.B.M. I-183E ELEV.: F.B. 3187-145
+	7.862		7.625			AVE. I & 183RD ST.E. & INT. FD. BRASS NAIL
π	2905.906	+1.867	+1.864			& C.E. TAG IN 1" I.P. 12" DN
−	5.995		5.761			
T.P.	2899.911					

X

NOTES RED. JOB NO. 0118.00 SURVEY OF WATER WORKS DIST. #35
DATE SURVEY BY J.C. PIERCE
NOTES CHKD. NOTES BY J.C.P. DATE 7-31-64
DATE INDEXED C. J. GAUL DATE

F.B. 3187 PG. 145

JOB NO. 0118.00 SURVEY OF WATER WORKS DIST. #35 NOTES RED
SURVEY BY J.C. PIERCE DATE
NOTES BY J.C.P. DATE 7-31-64 NOTES CHKD
INDEXED [illegible] DATE DATE

F.B. 3187 PG. 146

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.	2899.911					
+	4.648		4.353			
π	2904.559	+1.568	+1.565			
−	3.080		2.788			
T.P.	2901.479					
+	5.968		5.760			
π	2907.447	+1.117	+1.117			
−	4.851		4.643			
T.B.M. I-182E	2902.596					T.B.M. I-182E ELEV.= F.B. 3187-146
+	7.955		8.260			AVE. I & 182ND ST. E. ℄ INT. FD BRASS NAIL &
π	2910.551	+6.203	+6.202			C.E. TAG IN 1" I.P. 12" DN
−	1.752		2.058			
T.P.	2908.799					
+	7.098		6.788			
π	2915.897	+3.873	3.873			
−	3.225		2.915			
T.P.	2912.672					
+	6.518		6.172			
π	2919.190	+2.843	2.842			
−	3.675		3.330			
T.B.M. I-181E	2915.515					T.B.M. I-181E ELEV.= F.B. 3187-146
+	7.803		8.102			AVE. I & 181ST ST. E. ℄ INT. FD. WD. PLUG & NAIL
π	2923.318	+6.221	+6.221			L.S. TAG 2686 IN 2" I.P. 2" UP
−	1.582		1.881			
T.P.	2921.736					
+	8.430		8.338			
π	2930.166	+6.990	+6.993			
−	1.440		1.345			
T.P.	2928.726					

X

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.	2928.726					
+	7.568		7.342			
⊼	2936.294	+3.513	+3.512			
−	4.055		3.830			
B.M.N.C. 1088	2932.239					B.M.N.C. 1088 UNADJUSTED ELEV.= 2932.200 F.B. 3187-33 AVE. I & 180TH ST. E. COR. SEC. 10, 11, 14, 15 T 7N R 9W TOP C.S. MON 10" DN

NOTES RED ____ JOB NO. 0118.00 SURVEY OF WATERWORKS DIST #35
DATE ____ SURVEY BY J.C. PIERCE
NOTES CHKD. ____ NOTES BY J.C.P. DATE 7-31-64
DATE ____ INDEXED S. J. GALM DATE ____

F.B. 3187 PG. 147

F. B. 3187 Pg. 148

JOB NO. 0118.00 SURVEY OF WATER WORKS DIST #35 NOTES RED
SURVEY BY J.C. PIERCE DATE
NOTES BY J.C.P DATE 7-31-64 NOTES CHKD
INDEXED DATE DATE

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

De not extend notes this side of this line

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187 Pg. 149
	Date	Date	Survey of: W.W. DIST #35		
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-3-64
	Date	Date	Map No.	Indexed E. J. GAIN	Date

J.N. 0118.00

WATER WORKS DIST #35

CROSS-SECTION
ON

AVE H, — 180th ST. E TO 181st ST. E
181st ST. E — AVE H TO AVE I
AVE I — 181st ST E TO 180th ST E

COATES
HILL
RITTER

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

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76-L296 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE H
BM NC 1085				302953	BM NC-1085 Elev. 3029.528 F.B. 3187-30	
					180th ST. E. & AVE. H, ℄ INT., COR SEC. 2,3,10,11	
					T7N R9W FD. G.L.O. MON. 6" UP	
0+00				29.1		℄ INT. 180th ST. E & AVE. H
"				30.2		33' R
"				32.3		133' R
"				28.2	33' L	
"				29.9	133' L	
1+00				26.4		℄
"				26.3		33' R
"				27.1		133' R
"				27.1	33' L	
"				29.4	133' L	
2+00	Section is @ Bot of Swale			25.4		℄
"				24.5		33' R
"				23.1		133' R
"				26.2	33' L	
"				28.7	133' L	
3+00				27.1		℄
"				26.1		33' R
"				23.5		133' R

F.B. 3187 Pg. 150
Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE H
3+00				3028.5	33' L	
"				30.4	133' L	
3+60				27.9		℄ BK. in GR.
T.P.				3030.30		
4+00				29.2		℄
"				29.0		33' R
"				26.8		133' R
"				29.2	33' L	
"				29.9	133' L	
5+00		Top brk.		34.0		℄
"				32.3		33' R
"				29.8		133' R
"				33.9	33' L	
"				31.6	133' L	
6+00				31.7		℄
"				30.6		33' R
"				28.5		133' R
"				31.9	33' L	
"				29.9	133' L	
6+68.33		℄ INT. AVE H & 181ST ST ℄		29.4		℄
"				30.8	33' L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. #35 F.B. 3187 Pg. 151
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-3-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAUL Date ____

76-L298 CE 307 3-61

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76-L298 CE 307

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STATION	B. S.	H. I.	F. S.	ELEV.		181ST ST. E.
6+68 33 E				3030.4	133'L (No.)	
=		181ST ST. E				
0+00 S. = ℄ INT. AVE. H & 181ST ST. E				29.4		℄
"				29.3	(East) 33'L	
"				26.5	" 133'L	
1+00				27.7		℄
"				29.0		33'R (west)
"				31.0		133'R
"				26.3	33'L	
"				22.7	133'L	
T.P.				29.16		
2+00				25.9		℄
"				25.3		33'R
"				27.5		133'R
"				25.9	33'L	
"				20.9	133'L	
3+00				22.0		℄
"				21.6		33'R
"				22.5		133'R
"				22.2	33'L	
"				19.5	133'L	

F.B. 3187 Pg. 152
Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. #35 Date Date No.
Survey by JSC Notes JSC Notes Chkd. Checked X-Sec.
Indexed J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		181ST ST. E
TP				3021.11		
4+00				18.1		℄
"				17.9		33' R
"				18.1		133' R
"				18.6	133' L	
"				17.2	133' L	
5+00				14.7		℄
"				15.1		33' R
"				13.4		133' R
"				15.5	33' L	
"				13.6	133' L	
T.P.				3011.67		
6+00				11.1		℄
"				10.7		33' R
"				13.1		133' R
"				10.6	33' L	
"				10.1	133' L	
6+77.70				09.2		℄ INT. 181ST ST. E & AVE H-2
7+00				08.7		℄
X "				09.5		33' R
"						133' R

Profile Notes Red. Plotted Job No. 0118.00 Division No. F.B. 3187 Pg. 153
No. Date Date Survey of W.W. #35
X-Sec. Notes Chkd. Checked Survey by JSC Notes JSC Date 8-3-64
No. Date Date Map No. Indexed L. J. GAUM Date

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STATION	B.S.	H.I.	F.S.	ELEV.		181 ST ST. E
7+00				3012.6		133' R
"				08.1	33' L	
"				06.7	133' L	
8+00				09.3		℄
"				09.4		33' R
"				11.8		133' R
"				08.6	33' L	
"				04.8	133' L	
9+00				11.0		℄
"				12.2		33' R
"				12.7		133' R
"				10.4	33' L	
"				07.1	133' L	
T.P.				3008.09		
10+00				08.1		℄
"				08.3		33' R
"				09.7		133' R
"				07.6	33' L	
"				06.5	133' L	
11+00				03.9		℄
"				04.7		33' R

F.B. 3487 PG. 154 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed D. J. GAUTT Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		181ST ST. E.
11+00				300.60		133' R
"				03.3	33' L	
"				01.8	133' L	
12+00				01.3		℄
"				02.2		33' R
"				04.6		133' R
"				00.7	33' L	
"				299.90	133' L	
12 +75				300.13		℄ brk in GR.
T.P.				300.41		
13+00				299.97		℄
"				300.08		33' R
"				300.22		133' R
"				299.93	33' L	
"				97.8	133' L	
13+55.41				97.1		℄ INT. 181ST ST. E & AVE H-4
14+00				95.3		℄
"				95.9		33' R
"				98.5		133' L
X "				94.8	33' L	
"				95.5	133' L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____
No. ____ Date ____ Date ____ Survey of W. W. #35
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-3-64
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3187 Pg. 155

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STATION	B. S.	H. I.	F. S.	ELEV.		181 ST ST. E.
15+00				2993.7		℄
"				94.7		33' R
"				96.3		133' R
"				93.6	33' L	
"				91.1	133' L	
TP				93.77		
16+00				92.5		℄
"				93.0		33' R
"				94.8		133' R
"				91.7	33' L	
"				89.9	133' L	
17+00				91.7		℄
"				92.8		33' R
"				95.1		133' R
"				91.2	33' L	
"				89.2	133' L	
18+00				93.5		℄
"				94.4		33' R
"				96.2		133' R
"				92.6	33' L	
"				89.8	133' L	

F.B. 3187 Pg. 156 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [redacted] J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		181ST ST. E
19+00				2994.9		℄ Brk in GR.
"				94.8		33' R
"				96.2		133' R
"				92.8	33' L	
"				90.9	133' L	
20+00				93.6		℄
"				93.9		33' R
"				93.1		133' R
"				93.7	33' L	
"				90.2	133' L	
TBM H-6-181E				2992.36	TBM H-6-181E Elev. 2992.36 F.B. 3187-157 AVE H-6 & 181ST ST. E ℄ INT. TOP 1" I.P. 12" dn	
20+33 "				93.2		℄ INT. 181ST ST. E. & AVE H-6
21+00				91.4		℄
"				91.7		33' R
"				89.7		133' R
"				92.5	33' L	
"				89.5	133' L	
22+00				89.1		℄
"				88.2		33' R
"				87.0		133' R
X "				90.4	33' L	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 Pg. 157
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. #35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-3-64
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		181ST ST E
22+00				2990.7	133' L	
22+65				88.4		℄ brk in GR.
23+00				86.0		℄
"				85.1		33' R
"				85.0		133' R
"				86.0	33' L	
"				85.6	133' L	
T.P.				2985.95		
23+40				82.8		℄ brk. in GR.
24+00				81.7		℄
"				82.8		33' R
"				86.6		133' R
"				81.3	33' L	
"				80.4	133' L	
24+75				84.0		℄ brk. in GR.
25+00				83.9		℄
"				85.6		33' R
"				87.1		133' R
"				81.9	33' L	
"				77.2	133' L	

F.B. 3187 PG. 158 Job No. 0118.00 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of W.W. #35 Date ____ Date ____ No. ____ X-Sec. ____
Survey by JSC Notes JSC Notes Chkd. ____ Checked ____ No. ____
Indexed I. J. GAIN Date ____ Date ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		181ST ST. E.
26+00				2980.4		℄
"				81.6		33' R
"				82.2		133' R
"				79.1	33' L	
"				75.9	133' L	
27+00				76.8		℄
"				77.3		33' R
"				82.2		133' R
"				75.6	33' L	
"				73.9	133' L	
T.P.				2979.15		
27+10 81				76.5		℄ INT. AVE H-8 & 181ST ST. E
TBM H8-181E				2975.43	TBM H8-181E Elev 2975.43 F.B. 2187-159 AVE H-8 & 181ST ST. E ℄ INT. TOP 1" J.R 12" dn	
28+00				73.6		℄
"				74.4		33' R
"				75.4		133' R
"				73.2	33' L	
"				70.7	133' L	
TP				2973.77		
29+00				70.4		℄
"				71.4		33' R

Profile Notes Red. Plotted Job No. Division No.
No. Date Date Survey of W.W. #35
X-Sec. Notes Chkd. Checked Survey by JSC Notes JSC Date 8-4-64
No. Date Date Map No. Indexed C. J. GALL Date
F.B. 3187 PG. 159

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		181ST ST. E.
29+00				2973.5		133' R
"				69.5	33' L	
"				67.8	133' L	
30+00	to 30+25	Rock outcropping		67.1		℄
"				68.0		33' R
"				69.8		133' R
"				66.8	33' L	
"				64.7	133' L	
31+00				63.5		℄
"				64.7		33' R
"				66.0		133' R
"				63.2	33' L	
"				61.5	133' L	
T.P.				2964.83		
32+00				61.2		℄
"				61.7		33' R
"				63.2		133' R
"				59.7	33' L	
"				58.6	133' L	
33+00				57.3		℄
"				58.1		33' R

F. B. 3187 Pg. 160 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [illegible] GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		181ST ST. E
33+00				29603		133'R
"				565	33'L	
"				552	133'L	
34+00				54.9	℄	
"				55.7		33'R
"				58.0		133'R
"				54.2	33'L	
"				52.8	133'L	
T.P.				2956.27		
35+00				53.3	℄	
"				53.7		33'R
"				55.4		133'R
"				52.4	33'L	
"				50.1	133'L	
36+00				50.3	℄	
"				51.0		33'R
"				53.0		133'R
"				49.5	33'L	
"				47.9	133'L	
37+00				47.8	℄	
"				48.3		33'R

Profile Notes Red ____ Plotted ____ Job No. 0116 Division No. ____ 3181 161
No. ____ Date ____ Date ____ Survey of W.W. #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-4-64
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		181ST ST. E.
37+00				2950.5		133'R
"				46.6	33'L	
"				45.4	133'L	
T.P.				2948.00		
38+00				45.4		℄
"				46.0		33' R
"				47.5		133'R
"				45.0	33'L	
"				42.8	133'L	
39+00				42.8		℄
"				43.4		33'R
"				45.8		133'R
"				42.3	33'L	
"				40.8	133'L	
40+00				41.6		℄
"				42.5		33' R
"				43.2		133'R
"				40.6	33'L	
"				37.7	133'L	
T.P.				2940.46		
TBM H12-181E	℄ INT	AVE H-12 & 181ST ST.E		2938.95	TBM H12-181E Elev. 2938.95 F.B. 3187-162 AVE H-12 @ 181ST ST. E. ℄ INT Top 1" I.P. 12"	

F.B. 3187 Pg. 162 | Job No. 0118.00 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. #35 | Date | Date | No. | X-Sec.
Survey by J.S.C. | Notes J.S.C. | Notes Chkd. | Checked | No.
Indexed C. J. GALLI | Date | Date | Date

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		181 ST ST. E.
40+66.15				2939.8		℄ INT. AVE. H-12 & 181 ST ST E
41+00				39.0		℄
"				39.9		33' R
"				42.3		133' R
"				39.3	33' L	
"				37.8	133' L	
42+00				38.6		℄
"				39.1		33' R
"				39.2		133' R
"				37.2	33' L	
"				34.9	133' L	
43+00				36.8		℄
"				36.6		33' R
"				37.4		133' R
"				36.0	33' L	
"				33.5	133' L	
T.P.				29 34.84		
44+00				33.0		℄
"				33.3		33' R
"				36.3		133' R
X "				32.3	33' L	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6118 Division No. ____ No. 3181 163
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. #35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-4-64
Date ____ Date ____ Map No. ____ Indexed J. GALLI Date ____

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F.B. 3187 PG. 164 | Job No. 0118.00 | Division No. | Notes Red | Plotted | Profile
Survey of W. W. #35 | Date | Date | No.
Survey by JSC | Notes JSC | Notes Chk'd. | Checked | X-Sec.
Indexed [redacted] J. GAM | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		181ST ST E.
44+00				2930.7	133'L	
45+00				30.9		℄
"				31.6		33'R
"				32.4		133'R
"				30.5	33'L	
"				28.4	133'L	
46+00				28.6		℄
"				29.3		33'R
"				30.0		133'R
"				27.7	33'L	
"				26.6	133'L	
47+00				26.2		℄
"				27.7		33'R
"				29.3		133'R
"				25.5	33'L	
"				26.1	133'L	
TP				25.73		
48+00				25.5		℄
"				25.7		33'R
"				26.9		133'R
"				24.1	33'L	

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.		181 ST JT E
48+00				29 22.2	133'L	
49+00				23.8		℄
"				24.7		33'R
"				24.5		133'R
"				23.0	33'L	
"				22.5	133'L	
50+00				22.4		℄
"				22.7		33'R
"				23.5		133'R
"				21.8	33'L	
"				20.3	133'L	
51+00				19.9		℄
"				20.0		33'R
"				22.6		133'R
"				20.3	33'L	
"				18.7	133'L	
T.P.				20.70	Top 2" I.P. 330'±N. AVE. I	
52+00				19.3		℄
"				19.1		33'R
"				21.9		133'R
"				18.9	33'L	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 0118.00 Division No. ___
X-Sec. No. ___ Date ___ Date ___ Survey of W.W. #35
Notes Chkd. ___ Checked ___ Survey by JSC Notes JSC Date 8-4-64
Date ___ Date ___ Map No. ___ Indexed [illegible] Date ___

3181 165

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		181ST ST. E.
52+00				2917.0	133'L	
53+00				16.6		℄
"				18.0		33'R
"				20.1		133'R
"				16.1	33'L	
"				14.1	133'L	
54+00				15.3		℄
"				16.4		33'R
"				18.9		133'R
"				14.8	33'L	
"				12.7	133'L	
54+21.49 So.	℄ INT	181ST ST E &	AVE. I	15.3		
"				2915.45	Top 2" I.P. Flush	
"				15.3	133'L	
"				12.2	133'L	
		AVE.	I	-181ST ST. E to 180th ST E		
= 0+00 West				15.3		℄ INT. AVE. I & 181ST ST E.
"				16.0	33'L	(South)
"				16.0	133'L	(")
1+00				18.4		℄
"				18.0		33'R

F.B. 3187 Pg. 166 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. #35 Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd Checked
Indexed [illegible] Date Date Date No.

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.		AVE. I
1+00				2919.2		133'R
"				18.8	33'L	
"				18.1	133'L	
2+00				20.6	℄	
"				20.6		33'R
"				21.4		133'R
"				21.2	33'L	
"				20.0	133'L	
TP				22.08		
3+00				23.0	℄	
"				23.1		33'R
"				24.2		133'R
"				23.1	33'L	
"				22.0	133'L	
4+00				25.3	℄	
"				26.0		33'R
"				26.8		133'R
"				25.2	33'L	
"				24.0	133'L	
5+00				28.3	℄	
X "				28.6		33'R

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0118-00 Division No. ____ P.B. 3181 Pg. 167
X-Sec. No. ____ Date ____ Date ____ Survey of W. W. #35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-4-64
Date ____ Date ____ Map No. ____ Indexed J. GALLI Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE. I
5+00				2929.3		133' R
"				28.0	33' L	
"				27.2	133' L	
T.P.				2928.65		
6+00				30.7		℄
"				31.0		33' R
"				32.5		133' R
"				30.3	33' L	
"				29.8	133' L	
6+67 29				32.6		℄ INT AVE. I & 180th ST E
"				33.4		33' R
"				35.0		133' R
"				32.1	33' L	
"				32.1	133' L	
BM NC 1088				2932.19	BM NC 1088 Elev. 2932.200 F.B. 3187-33 AVE. I. & 180th ST E. 10, 11, 14, 15 T 7N R 9W	℄ INT. COR. SECT TOP C.S. MON. 10" d

F.B. 3187 Pg. 168 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed J. GALLI Date Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	5187 169
	Date	Date	Survey of W. W. #35		
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-5-64
	Date	Date	Map No.	Indexed E. J. GALLI	Date

J. N. 0118.00

WATER WORKS DIST #35

CROSS - SECTION
ON
AVE H-2
180th ST. E TO 187th ST. E.

187th ST. E & - AVE H-2 TO AVE. H

COATES
HILL
RITTER

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

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F.B. 3187 Pg. 170 | Job No. 0118.00 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. #35 | Notes | Date | Date | No.
Survey by JSC | Notes Chkd. | Checked | X-Sec.
Indexed [redacted] | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-2
BM NC 1086				3032.70	BM NC 1086 Elev, 3032.700 F.B. 3187-30	
TP				3028.50	180th ST. E. & AVE. H	50' W. & 50' S. ℄ INT
					Fo. brass-nail in 2" I.P. 4" up.	
0+00				3026.62	Top I.P. 12" dn @	℄ INT 180th ST. E & AVE H
0+00				27.6		℄ INT. 180th ST E & AVE H-2
"				27.3		33' R
"				22.9		133' R
"				26.5	33' L	
"				27.2	133' L	
1+00				26.1		℄
"				26.2		33' R
"				23.2		133' R
"				25.5	33' L	
"				23.7	133' L	
2+00				25.8		℄
"				26.2		33' R
"				22.1		133' R
"				24.7	33' L	
"				21.6	133' L	
3+00				23.6		℄
"				23.0		33' R

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-2
3+00				3019.6		133'R
"				22.2	33'L	
"				18.9	133'L	
T.P.				3023.18		
4+00				18.7	℄	
"				16.8		33'R
"				17.3		133'R
"				19.1	33'L	
"				16.1	133'L	
5+00				14.0	℄	
"				13.6		33'R
"				12.8		133'R
"				13.5	33'L	
"				13.5	133'L	
TP				15.55		
6+00				104	℄	
"				10.4		33'R
"				10.0		133'R
"				10.4	33'L	
"				12.5	133'L	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ P.B. 3181 Pg. 111
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. #35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-5-64
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		AVE H-2
TBM H2-181E	℄ INT AVE H-2 & 181ST ST E			3008.31	TBM H2-181E Elev. 3008.31 AVE H-2 & 181ST ST. E.	FB 3187-172 ℄ INT Top 1" I.P. 12" dn
6+68.21				09.3		℄ INT AVE H-2 & 181ST ST. E
7+00				08.6		33' R
"				08.1		133' R
"				08.3	33' L	
"				09.7	133' L	
"				13.6		
8+00				07.8		℄
"				07.1		33' R
"				04.8		133' R
"				08.8	33' L	
"				12.1	133' L	
9+00				07.4		℄
"				06.4		33' R
"				03.3		133' R
"				08.8	33' L	
"				11.5	133' L	
T.P.				3007.51		
10+00				06.4		℄
"				05.4		33' R
"				01.4		133' R

F.B. 3187 PG. 172 Job No. 0118.00 Division No. Notes Red. Plotted Profile
Survey of W.W. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed E. J. GALLT Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE H-2
10+00				3008.3	33'L	
"				09.6	133'L	
11+00				05.3		℄
"				04.8		33'R
"				00.9		133'R
"				05.7	33'L	
"				07.5	133'L	
12+00				02.7		℄
"				01.7		33'R
"				00.1		133'R
"				03.3	33'L	
"				04.2	133'L	
T.P.				3000.71		
13+00				2999.8		℄
"				99.8		33'R
"				97.7		133'R
"				99.7	33'L	
"				3000.2	133'L	
14+00				2995.9		℄
"				95.5		33'R
X "				94.3		133'R

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. 0181 113
No. ____ Date ____ Date ____ Survey of W.W. #35
X-Sec. Notes Chkd ____ Checked ____ Survey by JSC Notes JSC Date 8-5-64
No. ____ Date ____ Date ____ Map No. ____ Indexed L. J. GALLI Date ____

76-L298 CE 307 3-61

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F. B. 3187 Pg. 174 | Job No. 0118.00 | Division No. | Notes Red | Plotted | Profile
Survey of W. W. #35 | Notes | Date | Date | No.
Survey by JSC | Notes Chkd | Checked | X-Sec.
Indexed G. J. GAIN | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-2
14+00				2996.6	33'L	
"				97.2	133'L	
15+00				93.0		℄
"				92.8		33'R
"				91.4		133'R
"				93.4	33'L	
"				92.8	133'L	
T.P.				2992.08		
16+00				90.8		℄
"				90.8		33'R
"				90.1		133'R
"				91.0	33'L	
"				92.7	133'L	
17+00				90.1		℄
"				89.0		33'R
"				89.0		133'R
"				90.3	33'L	
"				92.9	133'L	
18+00				88.8		℄
"				88.6		33'R
"				86.0		133'R

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE. H-2
18+00				2989.2	33' L	
"				2992.8	133' L	
19+00				89.9		℄
"				88.0		33' R
"				86.0		133' R
"				90.9	33' L	
"				92.4	133' L	
20+00				88.0		℄
"				87.1		33' R
"				83.7		133' R
"				88.9	33' L	
"				92.6	133' L	
20+04.64	TBM	H-2-183E		2986.94	Top 1" I.P. 12" dn	℄ INT. AVE H-2 & 183RD ST E
"				87.8		℄ " " " "
21+00				87.6		℄
"				86.8		33' R
"				84.1		133' R
"				88.1	33' L	
"				90.9	133' L	
22+00				87.9		℄
X "				87.5		33' R

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3181 Pg. 185
No. ____ Date ____ Date ____ Date ____ Survey of W.W. #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-5-64
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALL Date ____

76-L298 CE 307 3-61

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F.B. 3187 Pg. 186 | Job No. 0118.00 | Division No. | Notes Red | Date | Plotted | Date | Profile No.
Survey of W.W. #35 | Notes JSC | Notes Chkd. | Checked | X-Sec. No.
Survey by JSC | Date | Date | Date
Indexed R. J. GALL | Date

STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-2
22+00				2985.7		133'R
"				88.7	33'L	
"				91.3	133'L	
23+00				89.3		℄
"				88.8		33'R
"				87.4		133'R
"				90.8	33'L	
"				93.4	133'L	
24+00				91.4		℄
"				91.5		33'R
"				89.2		133'R
"				92.4	33'L	
"				95.5	133'L	
T.P.				2991.44		
25+00				94.5		℄
"				93.6		33'R
"				91.6		133'R
"				95.7	33'L	
"				96.4	133'L	
26+00				98.0		℄
"				96.8		33'R

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.		AVE. H-2
26+00				2993.0		133' R
"				99.2	33' L	
"				3000.2	133' L	
26+72.89	= TBM	H-2-185th ST		2995.89	Top 1" I.P. 12" dn	℄ INT. AVE. H-2 & 185th ST E
"				97.0		℄ " " " "
27+00				95.9		℄
"				94.9		33' R
"				92.8		133' R
"				96.5	33' L	
"				3000.6	133' L	
28+00				2993.8		℄
"				92.9		33' R
"				90.8		133' R
"				94.6	33' L	
"				96.3	133' L	
29+00				95.3		℄
"				94.6		33' R
"				92.6		133' R
"				96.3	33' L	
X "				98.3	133' L	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.O. #35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-5-64
Date ____ Date ____ Map No. ____ Indexed [redacted] J. GALL Date ____

76-L298 CE 307 3-61

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Division No.
Job No. 0118.00
Survey of W.W. #35 Notes JSC Date
Survey by JSC
Indexed B. J. GALM
F.B. 3187 Pg. 188

STATION	B.S.	H.I.	F.S.	ELEV.		AVE H-2
30+00				2998.5		℄
"				97.5		33' R
"				95.5		133' R
"				98.9	33' L	
"				3000.5	133' L	
31+00				95.9		℄
"				95.6		33' R
"				93.0		133' R
"				96.5	33' L	
"				98.8	133' L	
32+00				95.7		℄
"				94.6		33' R
"				92.3		133' R
"				96.3	33' L	
"				99.1	133' L	
33+00				95.0		℄
"				94.4		33' R
"				93.8		133' R
"				96.1	33' L	
"				98.4	133' L	
T.P.				2995.20		

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-2
34+00				2997.2		℄
"				97.4		33' R
"				95.0		133' R
"				97.2	33' L	
"				99.2	133' L	
35+00				99.2		℄
"				98.9		33' R
"				96.4		133' R
"				99.7	33' L	
"				3001.6	133' L	
36+00				3000.8		℄
"				3000.0		33' R
"				2997.8		133' R
"				3001.5	33' L	
"				02.8	133' L	
37+00				00.7		℄
"				00.2		33' R
"				2998.1		133' R
"				3002.0	33' L	
"				3003.7	133' L	
T.P.				3000.71		

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. W.W. DIST #35 F.B. 3187 PG. 89
No. ____ Date ____ Date ____ Survey of ____
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-6-64
No. ____ Date ____ Date ____ Map No. ____ Indexed R. L. GALM Date ____

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	AVE H-2	
38+00				3000.6		℄
"				00.3		33' R
"				2997.5		133' R
"				3001.0	33' L	
"				3003.3	133' L	
39+00				2998.4		℄
"				98.3		33' R
"				96.2		133' R
"				99.5		
"				3000.9		
39+35				2993.0	Bot. of drainage Course	133' R
40+00				97.0		℄
"				94.6		33' R bot. drainag Course
"				94.2		133' R
"				97.5	33' L	
"				3000.7	133' L	
40+09 32	= TBM	H-2-187E		2995.60	Top I.P. 12" dn	℄ INT. AVE H-2 & 187th ST.
"				96.6		℄ " " "
↓	187 TH ST. E			— AVE	H-2 TO AVE. H.	
= 0+00 No.				96.6		℄ " " " "
"				95.2		15' R bot. drain Course

F.B. 3187 PG. 190 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed Date Date No.

76L-298 CE 307 11-58

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		187th ST E
0+00				2996.6		33' R
"				99.6		133' R
1+00				99.7	℄	
"				99.6		33' R
"				97.2		100' R bot. drain Cours
"				3000.1		133' R
"				2999.8	33' L	
"				3001.4	133' L	
2+00				02.0	℄	
"				02.2		33' R
"				00.1		115' R bot. drain Course
"				01.0		133' R
"				02.7	33' L	
"				03.0	133' L	
2+50				03.5	℄	
3+00				03.1	℄	
"				02.7		33' R bot. drain Course
"				03.2		133' R
"				04.4	33' L	
X "				05.3	133' L	

Profile Notes Red. ____ Plotted ____ Job No. 0118.00 Division No. W. W. DIST # 35 F. B. 3181 Pg. 191
No. ____ X-Sec. ____ Date ____ Date ____ Survey of ____
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-6-64
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GAUM Date ____

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

F.B. 3187 PG. 192 | Job No. 0718.00 | Division No. | Notes Red | Plotted | Profile
Survey of W. W. DIST #35 | Date | Date | No.
Survey by JSC | Notes JSC | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		187TH ST. E
3+15				3003.1		℄ bot. drain Course
3+60				05.1		℄ brk. in Gr.
4+00				05.7		℄
"				06.0		33' R
"				06.2		133' R
"				04.7	33' L	
"				05.0	bot. drain Course 55' L	
"				07.9	133' L	
5+00				08.0		℄
"				07.6		33' R
"				09.1		133' R
"				07.6	33' L	
"				06.1	bot. drain Course 70' L	
"				09.7		
6+00				10.0		℄
"				10.4		33' R
"				10.2		133' R
"				10.5	33' L	
"				08.1	bot. drain Course 85' L	
"				09.7		
				3010.43		

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		187th ST. E
6+80.82				3011.5		℄ INT. 187th ST. E. & AVE H.
"				11.5		33' R
"				11.6		133' R
"				11.2	33' L	
"				09.1	65' L	bot. drain Course
"				11.7	133' L	
TBM H-187E				3010.43	TBM H-187E Elev. 3010.468 F.B. 3187-138 AVE H & 187th ST. E. ℄ INT. FD. brass nail in 1" I.P. 12' dn.	

X

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 Pg. 193
X-Sec. No. ____ Date ____ Date ____ Survey of W. W. DIST #35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-6-64
No. ____ Date ____ Date ____ Map No. ____ Indexed J. GALLI Date ____

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187 PG 95
	Date	Date	Survey of W. W. #35		
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-6-64
	Date	Date	Map No.	Indexed B. J. GALLI	Date

J. N. 0118.00

WATER WORKS DIST #35

CROSS-SECTION

ON

183 RD ST. E.

AVE H-2 TO AVE. H

COATES
RITTER
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
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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.		183RD ST E.
TBM H-2-183E				2986.94	TBM H-2-183E Elev. 2986.94 F.B. 3187-185	
					AVE H-2 & 183RD ST E.	℄ INT. Top 1" I.P. 12" dn
0+00				87.8		℄
"				87.5		33' R
"				87.8		133' R
"				88.0	33' L	
"				89.6	133' L	
1+00				91.1		℄
"				91.2		33' R
"				90.2		133' R
"				90.8	33' L	
"				92.6	133' L	
2+00				96.0		℄
"				94.8		33' R
"				93.2		133' R
"				95.3	33' L	
"				94.2	133' L	
T.P.				2996.30		
3+00				98.8		℄
"				97.7		33' R
"				96.3		133' R

F.B. 3187 Pg. 196 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No.
Survey by JSC Notes JSC Notes Chkd. Checked X-Sec.
Indexed G. J. GAIN Date Date Date No.

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.			183RD ST. E
3+00				2998.2		33'L	
"				97.3		133'L	
3+40				98.5		℄	brk. in GR.
4+00				3000.4		℄	
"				3000.1			33'R
"				2998.8			133'R
"				3000.6		33'L	
"				2999.8		133'L	
5+00				3003.8		℄	
"				03.7			33'R
"				02.9			133'R
"				03.5		33'L	
"				03.0		133'L	
T.P.				3004.34			
6+00				08.9		℄	
"				09.1			33'R
"				07.9			133'R
"				08.8		33'L	
"				06.6		133'L	
X							

Profile Notes Red. Plotted Job No. 0118.00 Division No.
No. X-Sec. Date Date Survey of W.W. DIST #35
Notes Chkd. Checked Survey by JSC Notes JSC Date 8-6-64
No. Date Date Map No. Indexed G. J. GALL Date
F.B. 3181 Pg. 91

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		183RD ST E
6+79				3012.0		℄ INT. AVE H. & 183RD ST
"				12.3		33' R
"				11.5		133' R
"				109	33' L	
"				074	133' L	
TBM H-183E				3012.11	TBM H-183E Elev. 3012.13 FB 3187-137 AVE H. & 183RD ST E. ℄ INT. Top brass-nail in 2" I.P. 2" up	

Profile ____ No. ____ X-Sec. ____ No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Job No. 0118.00 Division No. DIST #35

Survey of W.W. Notes J.S.C.

Survey by J.S.C. Date [redacted]

Indexed ____ Date ____

F.B. 3187 PG. 198

Profile No.	Notes Red	Plotted	Job No.	Division No.	5187 199
	Date	Date	Survey of W. W. DIST #35		
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-6-64
	Date	Date	Map No.	Indexed	Date

J.N. 0118.00

WATER WORKS DIST. #35

CROSS-SECTION
ON
AVE H-4

181ST ST. E. TO 186TH ST. E

COATES
RITTER
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.

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76-L298 CE 307 3-61

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. 0118.00
Notes ____ Date ____
Survey of ____
Survey by ____
Indexed ____
F.B. 3187 Pg. 200

STATION	B.S.	H.I.	F.S.	ELEV.		AVE. H-4
BMNC1085				302953	BMNC1085 Elev. 3029.528 FB.3187-30	
TP				303030	180th ST E & AVE. H	℄ INT. Cor Sect 2,3,10,11
TP				302916	T7N R9W FD. G.L.O Mon. 6"UP	
T.P.				302111		
TP				301167		
TP				300809		
TP				300141		
TBM H-4-181E				2996.09	TBM H-4-181E Elev. 2996.09 FB.3187-200	℄ INT. AVE H & 181st ST E TOP 1"I.
0+00				96.9	℄	
"				95.7		33'R
"				937		133'R
"				985	33'L	
"				3001.4	133'L	
					6.8	
1+00				2996.6	℄	
"				95.7		33'R
"				91.3		133'R
"				97.3	33'L	
"				98.9	133'L	
					5.8	
2+00				95.2	℄	
"				94.6		33'R
"				92.8		133'R

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.			AVE H-4
2+00				2996.2		33'L	
"				98.6		133'L	
3+00				92.9	3.0		℄
"				92.1			33'R
"				88.8			133'R
"				95.2		33'L	
"				97.7		133'L	
T.P.				2992.16			
4+00				92.5	2.4		℄
"				90.8			33'R
"				87.6			133'R
"				83.9		33'L	
"				97.5		133'L	
5+00				92.0	2.2		℄
"				90.2			33'R
"				87.1			133'R
"				92.9		33'L	
"				95.5		133'L	
6+00				91.0	1.0		℄
"				90.2			33'R
"				87.4			133'R

Profile Notes Red ____ Plotted ____ Job No. 011800 Division No. ____ 3181 201
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-6-64
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] J. GALM Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.			AVE H-4
6+00				2992.0		33'L	
"				94.7		133'L	
7+00				89.0	9°		℄
"				88.7			33'R
"				86.2			133'R
"				89.6		33'L	
"				90.8		133'L	
T.P.				88.14			
8+00				88.0	8°		℄
"				87.8			33'R
"				85.8			133'R
"				88.4		33'L	
"				90.1		133'L	
9+00				85.6	5.6		℄
"				85.6			33'R
"				85.6			133'R
"				86.5		33'L	
"				86.9		133'L	
10+00				83.8	3.9		℄
"				82.9			33'R
"				82.2			133'R

F.B. 3187 Pg. 202 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed B. J. GATTI Date Date No.

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.			AVE H-4
10+00				29836		33'L	
"				848		133'L	
11+00				81.4	1.4		℄
"				80.5			33'R
"				79.4			133'R
"				81.6		33'L	
"				82.2		133'L	
T.P.				2980.29			
12+00				80.4	0.4		℄
"				80.4			33'R
"				78.6			133'R
"				80.7		33'L	
"				81.3		133'L	
13+00				80.0	3.0		℄
"				80.0			33'R
"				787			133'R
"				80.8		33'L	
"				81.7		133'L	
14+00				765	6.5		℄
X "				752			33'R
"				741			133'R

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ P.B. 3181 Pg. 203
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-6-64
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.			AVE H-4
14+00				297.1		33'L	
"				77.3		133'L	
15+00				75.0			℄
"				74.4			33'R
"				73.6			133'R
"				75.0		33'L	
"				77.0		133'L	
16+00				73.4	4.2		℄
"				73.5			33'R
"				71.8			133'R
"				73.9		33'L	
"				75.9		133'L	
17+00				73.4	3.4		℄
"				72.5			33'R
"				70.3			133'R
"				76.5		33'L	
"				75.4		133'L	
18+00				74.6	4.5		℄
"				74.1			33'R
"				71.4			133'R
"				75.5		33'L	

Profile No. ____ Plotted ____ Date ____ Notes Red ____ Date ____ Division No. 0118.00 Job No. ____ Notes ____ Date ____

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

F.B. 3187 PG. 204

Survey of ____
Survey by ____
Indexed ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-4
18+00				2977.4	133'L	
BM H-4-185E				2977.05	BM H-4-185E Elev. 2977.05 FB 3187-205 AVE H-4 & 185th ST. E. ℄ INT.	1" I.R. 12" dn
19+00				75.6		℄
"				75.4		33'R
"				72.8		133'R
"				76.4	33'L	
"				78.7	133'L	
20+00				78.1		℄
"				76.8		33'R
"				74.8		133'R
"				78.6	33'L	
"				80.5	133'L	
20+04.29	℄ INT.			78.0		℄ INT-AVE. H-4 & 185th ST. E
21+00				78.6		℄
"				78.0		33'R
"				75.3		133'R
"				79.8	33'L	
"				81.8	133'L	
22+00				81.0		℄
"				79.3		33'R
X "				77.2		133'R

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of W. W. # DIST. 35
X-Sec. Notes Chkd ____ Checked ____ Survey by JSC Notes JSC Date 8-11-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F.B. 3187 PG 205

76-L298 CE 307 3-61

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Division No. Job No. 0118.00 Notes Date
Survey of W. W. DIST #35
Survey by JSC
Indexed JSC
F.B. 3187 PG. 206

STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-4
22+00				2981.1	33'L	
"				83.5	133'L	
23+00				80.7		℄
"				80.3		33'R
"				77.8		133'R
"				81.4	33'L	
"				85.0	133'L	
24+00				81.0		℄
"				80.0		33'R
"				77.9		133'R
"				82.1	33'L	
"				84.2	133'L	
TP				81.01		
25+00				80.7		℄
"				79.9		33'R
"				78.2		133'R
"				81.7	33'L	
"				82.6	133'L	
26+00				81.5		℄
"				80.7		33'R
"				78.4		133'R

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-4
26+00				2982.2	33' L	
"				83.7	133' L	
IBM H4-186E				2981.78	TBM H-4-186E Elev. 2981.78 F.B. 3187-207 AVE H-4 & 186th ST. E ℄ INT. 1" I.P. 12" dn.	
26+74.35				82.6		℄ INT. AVE H-4 & 186th ST E
"				81.7		33' R
"				79.5		133' R
"				83.5	33' L	
"				85.6	133' L	
27+00				82.9		℄
T.P.				2986.80		
T.P.				2991.30		
TBM H-2-185E				2995.87	TBM H-2-185E Elev. 2995.89 F.B. 3187-187 AVE H.2 & 185th ST. E.	℄ INT. Top 1" I.P. 12" dn

X

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 Pg. 207
Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-11-64
Date ____ Date ____ Map No. ____ Indexed ____ J. GALLI Date ____

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187 PG. 209
	Date	Date	Survey of W.W. DIST #35		
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-11-64
	Date	Date	Map No.	Indexed [redacted]	Date

J.N. 0118.00

WATER WORKS DIST. #35

CROSS-SECTION

ON

AVE H-6

181ST ST. E TO 190TH ST. E.

COATES
RITTER
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
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

F.B. 3187 Pg. 210 | Job No. 0018.00 | Division No. W.W. DIST. #35 | Notes Red ____ Date ____ | Notes Chkd. ____ Date ____ | Profile No. ____ | X-Sec. No. ____
Survey of W.W. DIST. #35 | Survey by JSC | Notes JSC | Indexed [redacted] | Plotted ____ Date ____ | Checked ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-6
TBM H-6-181E				2992.36	TBM H-6-181E Elev. 2992.36 F.B. 3187-157	
					AVE H-6 & 181ST ST. E. ℄ INT. Top 1" I.P. 12" dn	
0+00				93.2		℄ INT
"				92.7		33' R
"				90.2		133' R
"				93.5	33' L	
"				95.2	133' L	
1+00				90.0		℄
"				89.9		33' R
"				91.0		133' R
"				91.2	33' L	
"				91.3	133' L	
2+00				89.1		℄
"				88.8		33' R
"				88.4		133' R
"				90.1	33' L	
"				89.1	133' L	
3+00				89.5		℄
"				89.3		33' R
"				85.0		133' R
"				89.6	33' L	

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-6
3+00				2988.3	133'L	
T.P.				2988.59		
4+00				85.1	℄	
"				85.7		33'R
"				81.8		133'R
"				84.7	33'L	
"				84.6	133'L	
5+00				80.3	℄	
"				80.7		33'R
"				77.7		133'R
"				80.4	33'L	
"				80.8	133'L	
T.P.				2979.95		
6+00				76.5	℄	
"				77.6		33'R
"				74.5		133'R
"				76.3	33'L	
"				76.8	133'L	
7+00				74.1	℄	
"				72.9		33'R
X "				71.5		133'R

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6118.00 Division No. ____ F.B. 3187 Pg. 211
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. DIST # 35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-11-64
Date ____ Date ____ Map No. ____ Indexed [redacted] J. GALLI Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-6
7+00				2974.2	33'L	
"				76.1	133'L	
8+00				71.3		℄
"				70.8		33'R
"				68.9		133'R
"				72.8	33'L	
"				74.1	133'L	
T.P.				2970.94		
9+00				70.1		℄
"				69.7		33'R
"				68.2		133'R
"				71.2	33'L	
"				74.1	133'L	
10+00				68.9		℄
"				67.9		33'R
"				66.5		133'R
"				69.9	33'L	
"				71.5	133'L	
11+00				67.9		℄
"				66.1		33'R
"				65.2		133'R

F.B. 3187 PG. 212 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [redacted] Date Date No.

76-L298 CE 307 3-61

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-6
11+00				2968.3	33'L	
"				70.0	133'L	
12+00				65.8		℄
"				64.9		33'R
"				63.2		133'R
"				66.9	33'L	
"				69.5	133'L	
13+00				65.8		℄
"				65.2		33'R
"				62.2		133'R
"				66.8	33'L	
"				69.4	133'L	
14+00				65.1		℄
"				64.6		33'R
"				63.2		133'R
"				66.1	33'L	
"				68.2	133'L	
15+00				64.2		℄
"				63.5		33 R
"				60.8		133 R
X "				64.7	33'L	

Profile Notes Red. Plotted Job No. 0118.00 Division No.
No. Date Date Survey of W.W. DIST #35
X-Sec. Notes Chkd. Checked Survey by JSC Notes JSC Date 8-11-64
No. Date Date Map No. Indexed Date
F.B. 3187 PG. 213

76-L298 CE 307 3-61

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-6
15+00				2965.6	133 L	
T.P.				63.90		
16+00				63.2		℄
"				62.4		33'R
"				60.0		133'R
"				64.1	33'L	
"				65.2	133'L	
17+00				61.8		℄
"				61.2		33'R
"				59.4		133'R
"				62.7	33'L	
"				64.7	133'L	
18+00				61.1		℄
"				60.8		33'R
"				59.1		133'R
"				62.2	33'L	
"				64.7	133'L	
19+00				61.0		℄
"				60.1		33'R
"				59.1		133'R
"				61.2	33'L	

F.B. 3187 Pg. 214 Job No. 0118.00 Division No. Notes Red Date Plotted Date No. Profile
Survey of W.W. DIST #35 Notes Chkd. Date Checked Date No. X-Sec.
Survey by JSC Notes JSC Date
Indexed [illegible] Date

76-L298 CE 307 3-61

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		AVE. H-6
19+00				2963.2	133'L	
20+00				61.6	℄	
"				61.3		33'R
"				58.7		133'R
"				62.7	33'L	
"				64.6	133'L	
20+03.94				61.9	℄	
TBM H-6-185E				2960.94	TBM H-6-185E Elev. 2960.94 F.B. 3187-215	
					AVE H-6 & 185th ST E. ℄ INT. Top 1" I.P. 12" dn	
21+00				62.6	℄	
"				61.9		33'R
"				59.6		133'R
"				63.8	33'L	
"				66.0	133'L	
TP				63.58		
22+00				63.4	℄	
"				62.9		33'R
"				59.7		133'R
"				63.7	33'L	
"				66.6	133'L	

X

Profile Notes Red ____ Plotted ____ Job No. 6118.00 Division No. ____ F.B. 3187 Pg. 215
No. ____ Date ____ Date ____ Survey of W.W. #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-11-64
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-6
23+00				2964.0		℄
"				63.4		33'R
"				60.6		133'R
"				64.6	33'L	
"				67.3	133'L	
24+00				65.2		℄
"				64.6		33'R
"				63.0		133'R
"				65.8	33'L	
"				68.8	133'L	
25+00				66.4		℄
"				66.2		33'R
"				63.3		133'R
"				67.2	33'L	
"				69.6	133'L	
26+00				66.2		℄
"				65.7		33'R
"				63.5		133'R
"				67.0	33'L	
"				69.3	133'L	
TBM H6-186E				2966.35	TBM H-6-186E Elev. 2966.35 FB 3187 216 AVE H6 & 186 ST E, ℄ INT. Top 1" I.P. 12" dn	

F.B. 3187 PG. 216

Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd Checked
Indexed [illegible] Date Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-6
26+71.84				29672		℄ INT. AVE H-6 & 186th STE
27+00				674		℄
"				66.9		33'R
"				65.1		133'R
"				67.8	33'L	
"				70.0	133'L	
28+00				69.1		℄
"				68.6		33'R
"				65.9		133'R
"				70.1	33'L	
"				71.2	133'L	
TP				29689.8		
29+00				70.1		℄
"				69.2		33'R
"				67.2		133'R
"				70.7	33'L	
"				72.7	133'L	
30+00				70.1		℄
"				69.4		33'R
"				66.9		133'R
X "				71.4	33'L	

Profile No. ____ Notes Red ____ Plotted ____ Job No. C118.00 Division No. ____ F.B. 3187 Pg. 217
Date ____ Date ____ Survey of W.W. DIST. #35
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-12-64
Date ____ Date ____ Map No. ____ Indexed ____ C. J. GALD Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-6
30+00				2974.1	133'L	
31+00				70.9		℄
"				70.7		33'R
"				66.4		133'R
"				72.2	33'L	
"				73.9	133'L	
32+00				70.6		℄
"				67.7		33'R
"				65.4		65'R. bot. of drain
"				68.6		123"R Top bank
"				68.9		133'R
"				71.7	33'L	
"				74.3	133'L	
32+65				67.8		℄ bot. drain
33+00				71.0		℄ = Top bank (E.S.d
"				71.5		33'R
"				71.1		133'R
"				68.9	33'L	
"				72.9	103'L	
"				73.7	133'L	
33+50				71.2	133'L	bot. drain

F.B. 3187 PG. 218 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by J.S.C. Notes J.S.C. Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

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.		
						AVE H-6
TBM H-6-187E				2972.86	TBM H-6-187E Elev. 2972.86 F.B. 3187-219 AVE. H-6 & 187th ST. E.	℄ INT. Top 1" I.P. 12' dn
33+39.74				73.9		℄ INT AVE H-6 & 187th ST E
34+00				76.7		℄
"				75.5		33' R
"				72.4		133' R
"				76.5	33' L	
"				76.7	133' L	
34+65				78.7		℄ Top of brk.
35+00				76.9		℄
"				76.9		33' R
"				74.3		133' R
"				77.4	33' L	
"				80.2	133' L	
36+00				74.4		℄ bot. swale
"				73.6		33' R
"				70.8		133' R
"				75.9	33' L	
"				78.5	133' L	
36+70				77.0		℄ - Top brk
37+00				76.6		℄
"				74.9		33' R

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____
No. X-Sec. Date ____ Date ____ Survey of W.W. DIST #35
Notes Chkd ____ Checked ____ Survey by JSC Notes JSC Date 8-12-64
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F.B. 3187 PG. 219

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE H-6
37+00				2972.8		133'R
"				78.2	33'L	
"				79.6	133'L	
38+00				77.0		℄
"				76.0		33'R
"				72.8		133'R
"				78.0	33'L	
"				81.2	133'L	
T.P.				2978.76		
39+00				78.5		℄
"				77.1		33'R
"				72.9		133'R
"				79.7	33'L	
"				83.2	133'L	
40+00				79.2		℄
"				78.3		33'R
"				75.9		133'R
"				80.4	33'L	
"				84.6	133'L	
40+07.64				79.5		℄ INT. AVE H-6 & 188th ST E
TBM H-6-188E				2978.28	TBM H-6-188E Elev. 2978.28 F.B. 3187-220 AVE. H-6 & 188th ST. E ℄ INT Top 1" I.P. 12" dn.	

F.B. 3187 Pg. 220 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GAIN Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-6
41+00				2980.5		℄
"				79.6		33' R
"				77.3		133' R
"				81.7	33' L	
"				84.6	133' L	
42+00				82.6		℄
"				82.3		33' R
"				81.4		133' R
"				83.4	33' L	
"				85.9	133' L	
42+60				84.8		℄
43+00				83.6		℄
"				82.3		33' R
"				80.1		133' R
"				84.6	33' L	
"				88.7	133' L	
T.P.				2983.97		
44+00				83.5		℄
"				82.5		33' R
"				79.7		133' R
X "				85.1	33' L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 PG. 221
No. ____ Date ____ Date ____ Survey of W. W. DIST. # 35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-12-64
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE H-6
44+00				2988.5	133'L	
45+00				86.2		℄ Top of brk.
"				85.3		33' R
"				82.0		133' R
"				86.8	33'L	
"				87.6	133'L	
45+75				82.7		℄
46+00				83.1		℄
"				82.0		33' R
"				79.1		133' R
"				83.5	33'L	
"				86.1	133'L	
46+75 54				82.5		℄ INT AVE. H-6 & 190th ST
"				81.3		33' R
"				78.2		133' R
"				83.5	33'L	
"				86.7	133'L	
TBM H6-190E				2981.64	TBM H-6-190E Elev. 2981.64 FB. 3187-141 AVE H-6 & 190th ST. E. ℄ INT. Top 1" I.P.	12"d

F.B. 3187 Pg. 222 Job No. 0118.00 Division No. Notes Red Date Plotted Date Profile No. X-Sec.
Survey of W.W. DIST #35 Notes Chkd. Date Checked Date No.
Survey by JSC Notes JSC Date
Indexed [illegible] Date

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	318/ 223
	Date	Date	Survey of W.W. DIST #35		
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-12-64
	Date	Date	Map No.	Indexed	Date

J.N. 0118.00

WATERWORKS DIST #35

CROSS-SECTION
ON
185TH ST. E.

FROM AVE H-6 TO AVE H-8

COATES
HILL
RITTER

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

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PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG

761-298 CE 307 11-58

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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STATION	B.S.	H.I.	F.S.	ELEV.		185th ST. E.
TBM H6-185E				2960.91	TBM H6-185E Elev. 2960.91 F.B. 3187-215	
					AVE H-6 & 185th ST. E	℄ INT Top 1" I.P. 12" dn
0+00				61.8		℄ INT 185th ST. E. & AVE H-6
"				62.0		33' R
"				60.8		133' R
"				62.8	33' L	
"				62.9	133' L	
1+00				59.6		℄
"				59.9		33' R
"				59.4		133' R
"				60.0	33' L	
"				60.4	133' L	
2+00				57.7		℄
"				57.7		33' R
"				58.0		133' R
"				58.5	33' L	
"				58.0	133' L	
3+00				55.2		℄
"				55.0		33' R
"				56.3		133' R
"				55.2	33' L	

F.B. 3187 Pg. 224 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

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.		185TH ST. E
3+00				2956.2	133' L	
T.P.				2955.19		
4+00				53.1		℄
"				53.6		33' R
"				54.6		133' R
"				53.0	33' L	
"				53.5	133' L	
5+00				51.9		℄
"				52.1		33' R
"				52.5		133' R
"				51.2	33' L	
"				51.4	133' L	
6+00				49.5		℄
"				49.7		33' R
"				51.4		133' R
"				49.5	33' L	
"				49.3	133' L	
6+79.59				47.9		℄ INT. AVE. H8 & 185TH ST. E.
"				48.0		33' R
"				49.1		133' R
X "				48.1	33' L	

Profile Notes Red Plotted Job No. 0118.00 Division No.
No. X-Sec. Date Date Survey of W.W. DIST # 35
Notes Chkd Checked Survey by JSC Notes JSC Date 8-12-64
No. Date Date Map No. Indexed C. J. GALL Date

F.B. 3181 PG. 225

76-L296 CE 307 3-61

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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. 3187 PG. 226 | Job No. 0118.00 | Division No. 35 | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile No. ____

Survey of W.W. DIST. | Notes Chkd. ____ Date ____ | Checked ____ Date ____ | X-Sec. No. ____

Survey by JSC | Notes JSC | Indexed [redacted]

STATION	B. S.	H. I.	F. S.	ELEV.		185th ST E
6+79 59				2948.1	133'L	
BMNC 1107				2947.16	BMNC 1107 Elev. 2947.183 FB. 3187-143 AVE H-8 & 185th St. E. & INT. Qtr. Sec. 11 T7N R9W FD. C.E. MON. 12" dn	

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187	PG. 227
	Date	Date	Survey of W.W. DIST #35			
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-12-64	
	Date	Date	Map No.	Indexed C. J. GALLI	Date	

J.N. 0118.00

WATER WORKS DIST # 35

CROSS-SECTION
ON
186th ST E

AVE H-6 TO AVE H-8

COATES
RITTER
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.

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700 LOS ANGELES COUNTY ENGINEERING BLDG

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		186th ST. E.
TBM H6-186E				2966.35	TBM H6-186E Elev. 2966.35 F.B. 3187-216	
					AVE H-6 & 186th ST. E. ℄ INT. Top 1" I.P. 12" dn.	
0+00				67.1	℄	
"				66.8		33'R
"				65.9		133'R
"				67.4	33'L	
"				68.9	133'L	
1+00				65.2	℄	
"				65.2		33'R
"				63.7		133'R
"				65.7	33'L	
"				67.0	133'L	
2+00				64.0	℄	
"				63.3		33'R
"				62.0		133'R
"				64.4	33'L	
"				65.4	133'L	
3+00				62.0	℄	
"				61.5		33'R
"				60.4		133'R
"				62.6	33'L	

F.B. 3187 PG. 228 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GAIN Date Date Date No.

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.		186Th St. E
3+00				2963.3	133'L	
TP				2960.72		
4+00				59.9		℄
"				59.7		33'R
"				59.2		133'R
"				60.2	33'L	
"				60.0	133'L	
5+00				57.8		℄
"				57.2		33'R
"				56.3		133'R
"				58.4	33'L	
"				57.4	Top bank 113'L	
"				53.7	bot. drain 145'L	
6+00				55.3		℄
"				54.8		33'R
"				54.3		133'R
"				55.9	33'L	
"				55.4	Top bank 80'L	
"				51.7	bot drain 115'L	
X "				53.0	133'L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-12-64
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3187 PG. 229

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		186th ST. E.
6+80.19				2953.4		℄ INT. AVE H-8 & 186th ST E
"				53.0		33' R
"				53.0		133' R
"				53.4	33' L	
"				53.1	Top bank 60' L	
				50.2	bot. drain 105' L	
				52.2	" 133' L	
TBM H8-186E				2952.52	TBM H8-186E Elev. 2952.52	F.B. 3187 14:
					AVE H-8 & 186th ST. E	℄ INT Top 1" I.P. 12' dn

F.B. 3187 PG. 230 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187	Pg. 23
	Date	Date	Survey of W. W. DIST #35			
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-12-64	
	Date	Date	Map No.	Indexed		

J.N. 0118.00

WATERWORK DIST #35

CROSS-SECTION
ON
187th ST. E

AVE. H-6 TO AVE H-8

COATES
RITTER
HILL

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

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76-1298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		187th ST. E.
TBM H6-187E				2972.86	TBM H6-187E Elev. 2972.86 FB.3187-219	
					AVE. H-6 & 187th ST. E.	℄ INT. Top 1" I.P. 12" dn
0+00						℄
"				71.7		33'R
"				67.8		75'R bot drain
"				70.4		133'R
"				75.3	33'L	
"				78.5	133'L	
1+00				73.5		℄
"				71.7		33'R
"				69.1		133'R
"				73.7	33'L	
"				74.6	133'L	
2+00				69.9		℄
"				70.9		33'R
"				68.4		133'R
"				69.3	33'L	
"				69.0	133'L	
TP				68.26		
3+00				66.3		℄
"				66.7		33'R

F.B. 3187 PG. 232 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GALLI Date Date No.

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.		187th ST. E.
3+00				2968.0		133'R
"				65.5	33'L	
"				65.8	133'L	
4+00				62.0		℄
"				61.8		33'R
"				63.1		133'R
"				61.9	33'L	
"				61.8	133'L	
T.P.				2959.61		℄
5+00				58.3		℄
"				58.6		33'R
"				60.0		133'R
"				58.3	33'L	
				58.6	133'L	
6+00				56.1		℄
"				55.8		33'R
"				57.2		133'R
"				56.1	33'L	
"				57.1	133'L	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 Pg. 233
Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-14-64
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L298 CE 307 3-61

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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.		187th ST. E
6+80.79				29536		℄ INT. 187th ST. E. & AVE H-8
"				541		33' R
"				554		133' R
"				539	33' L	
"				545	133' L	
TBM H8-187E				2952.80	TBM H8-187E Elev. 2952.81 F.B. 3187-142 AVE H-8 & 187th ST. E	℄ INT. Top 1" I.P. 12" dn

F.B. 3187 Pg. 234 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [redacted] J. GALLI Date Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187	Pg. 235
	Date	Date	Survey of W.W. DIST #35			
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-12-64	
	Date	Date	Map No.	Indexed G. J. GALLI	Date	

J.N. 0118.00

WATER WORKS DIST #35

CROSS- SECTION
ON
188TH ST. E.

FROM - AVE H TO AVE. H-10

COATES
HILL
RITTER

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-L298 CE 307 3-61

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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.		188th ST. E.
TBM H-188E				3023.30	TBM H-188E Elev. 3023.305 FB. 3187-139	
					AVE H & 188th ST E ℄ INT. Top 1" I.P 12" dn	
0+00				24.3		℄ INT. AVE. H & 188th ST. E
"				23.2		33' R
"				20.3		133' R
"				25.5	33' L	
"				27.8	133' L	
1+00				24.8		℄
"				23.2		33' R
"				19.3		133' R
"				25.5	33' L	
"				25.6	133' L	
2+00				20.1		℄
"				19.7		33' R
"				15.7		133' R
"				20.2	33' L	
"				24.1	133' L	
T.P.				20.13		
3+00				17.0		℄
"				16.4		33' R
"				13.9		133' R

F.B. 3187 Pg. 236 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

76-L298 CE 307 3-61

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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.		188th ST. E
3+00				3018.4	33'L	
"				22.2	133'L	
4+00				16.5		℄
"				15.0		33'R
"				12.2		133'R
"				16.3	33'L	
"				17.6	133'L	
TP				3014.13		
5+00				13.4		℄
"				13.2		33'R
"				12.0		133'R
"				14.0	33'L	
"				15.5	133'L	
6+00				11.1		℄
"				10.5		33'R
"				09.3		133'R
"				11.5	33'L	
"				14.0	133'L	
6+81.40				09.1		℄ INT. 188th ST. E & AVE H-2
TBM H2-188E				3008.02	TBM H2-188E Elev. 3008.02 F.B. 3187-237 188th ST. E & AVE H-2 ℄ INT Top 1" I.P. 12" dn	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0118.00 Division No. ____ Survey of W.W. DIST #35

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by JSC Notes JSC Date 8-14-64 Map No. ____ Indexed G. J. GAIN

F.B. 3187 PG. 237

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.		188th ST E
7+00				3009.4		℄
"				08.6		33'R
"				07.3		133'R
"				09.8	33'L	
"				12.3	133'L	
8+00				07.7		℄
"				06.7		33'R
"				04.7		133'R
"				09.1	33'L	
"				11.5	133'L	
9+00				07.7		℄
"				06.3		33'R
"				03.0		133'R
"				08.0	33'L	
"				07.6	133'L	
10+00				03.7		℄
"				03.1		33'R
"				01.4		133'R
"				03.6	33'L	
"				06.0	133'L	
T.P.				3005.23		

F.B. 3187 Pg. 238 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

76-L298 CE 307 3-61

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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.		188th St. E.
11+00				3001.3		℄
"				3000.7		33' R
"				2999.3		133' R
"				3001.5	33' L	
"				3003.1	133' L	
12+00				2998.8		℄
"				2998.2		33' R
"				2997.7		133' R
"				2999.0	33' L	
"				3001.4	133' L	
13+00				2995.1		℄
"				95.1		33' R
"				94.2		133' R
"				95.7	33' L	
"				99.0	133' L	
T.P.				2996.85		
13+62.80				94.8		℄
TBM H4-188 E				2992.95	TBM H4-188E Elev. 2992.95 F.B. 3187-239 188th St. E. & Ave. H-4 ℄, NT. Top 1" I.P. 12" dn	
14+00				94.0		℄
"				93.2		33' R

Profile Notes Red ____ Plotted ____ Job No. 0118,00 Division No. W.W. DIST #35 F.B. 3187 Pg. 239
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-14-64
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		188th ST E
14+00				2991.5		133'R
"				95.0	33'L	
"				97.7	133'L	
15+00				96.2	℄	
"				94.5		33'R
"				90.2		133'R
"				97.4	33'L	
"				98.1	133'L	
16+00				94.6	℄	
"				94.0		33'R
"				90.7		133'R
"				96.0	33'L	
"				96.8	133'L	
17+00				94.3	℄	
"				92.6		33'R
"				89.4		133'R
"				94.5	33'L	
"				93.0	133'L	
T.P.				2993.98		
18+00				90.4	℄	
"				89.4		33'R

F.B. 3187 Pg. 240 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GAIN Date Date Date No.

76-L298 CE 307 3-61

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Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0118.06 Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of W.W. DIST #35 Survey by JSC Notes JSC Date 8-11-64
Map No. ____ Indexed ____ Date ____

F.B. 3187 Pg. 24

STATION	B.S.	H.I.	F.S.	ELEV.		188th ST. E
18+00				2989.2		133' R
"				90.3	33' L	
"				89.0	133' L	
19+00				85.5		℄
"				85.0		33' R
"				83.3		133' R
"				85.0	33' L	
"				85.6	133' L	
T.P.				2985.46		
20+00				81.0		℄
"				80.7		33' R
"				79.8		133' R
"				81.7	33' L	
"				83.0	133' L	
20+44.20				79.2		℄ INT. 188th ST. E. & AVE. H-6
T.B.M. H6-188E				78.28	TBM H6-188E Elev. 2978.28 F.B. 3187-220 AVE H-6 & 188th ST. E. ℄ INT. TOP 1" I.P. 12' d/h	
21+00				77.6		℄
"				76.8		33' R
"				75.8		133' R
X "				78.3	33' L	

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.		188TH STE
21+00				2979.1	133'L	
22+00				75.2		℄
"				74.5		33'R
"				72.3		133'R
"				75.7	33'L	
"				78.7	133'L	
23+00				74.3		℄
"				73.0		33'R
"				70.8		133'R
"				75.5	33'L	
"				78.8	133'L	
23+30				75.8		℄ brk. in grade
24+00				73.4		℄
"				72.1		33'R
"				68.7		133'R
"				73.7	33'L	
"				76.2	133'L	
TP				2972.30		
25+00				71.3		℄
"				69.8		33'R
"				67.3		133'R

Profile No. ____ Notes Red Date ____ Plotted Date ____ Job No. 0118.00 Division No. W.W. DIST #35 F.B. 3187 PG. 243

Y.Sec. No. ____ Notes Chkd Date ____ Checked Date ____ Survey of ____ Survey by JSC Notes JSC Date 8-14-64

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

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		188th ST. E
25+00				2972.3	33'L	
"				72.7	133'L	
26+00				69.4		℄
"				68.5		33'R
"				65.5		133'R
"				69.8	33'L	
"				69.6	133'L	
27+00				65.8		℄
"				65.6		33'R
"				63.3		133'R
"				65.8	33'L	
"				68.4	133'L	
27+25.60				65.5		℄ INT. 188th ST. E. & AVE. H-8
TBM H8-188E				2964.88	T.B.M H8-188E Elev. 2964.890 F.B. 3187-142 AVE H-8 & 188th ST. E	℄ INT. Top 1" I.P. 1 2" dn.
T.P.				64.26		
28+00				63.5		℄
"				63.8		33'R
"				60.0		133'R
"				63.1	33'L	
"				66.2	133'L	

F.B. 3187 Pg. 244 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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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.		188th ST. E
29+00				2960.2		℄
"				59.4		33'R
"				57.0		133'R
"				60.7	33'L	
"				63.0	133'L	
30+00				57.1		℄
"				56.3		33'R
"				55.0		133'R
"				57.0	33'L	
"				59.7	133'L	
T.P.				2956.39		
31+00				54.3		℄
"				53.7		33'R
"				52.6		133'R
"				54.2	33'L	
"				55.2	133'L	
32+00				50.0		℄
"				50.5		33'R
"				49.3		133'R
"				50.6	33'L	
"				51.3	133'L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 Pg. 245
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-14-64
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		188th ST. E
TP				2948.73		
33+00				46.8		℄
"				46.6		33'R
"				47.4		133'R
"				47.1	33'L	
"				47.5	133'L	
34+00				43.4		℄
"				43.2		33'R
"				44.8		133'R
"				44.0	33'L	
"				44.6	133'L	
34+06.81				43.2		℄ INT. 188th ST. E. & AVE H-10
"				42.9		33'R
"				43.7	33'L	
TBM H10-188E				2942.38	TBM H10-188E Elev. 2942.35 F.B. 3187-246 188th ST. E. & AVE. H-10 ℄ INT Top 1" I.P. 12" dn	
T.P.				2950.27		
T.P.				2959.30		
TBM H8-188E				2964.87	TBM H8-188E Elev. 2964.89 FB 3187-142 AVE H-8 & 188th ST. E ℄ INT Top 1" I.P. 12" dn	

F.B. 3187 Pg. 246 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187	PG. 247
	Date	Date	Survey of W. W. DIST #35			
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-13-64	
	Date	Date	Map No.	Indexed C. J. GALLI	Date	

J. N. 0118.00

WATERWORK DIST. #35

CROSS- SECTION,
ON
AVE H-2

188th ST. E. TO 190th ST. E

COATES
RITTER
HILL
HUBBARD

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-L298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

F.B. 3187 PG. 248 | Job No. 0118.00 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST #35 | Date | Date | No. | X-Sec.
Survey by JSC Notes JSC | Notes Chkd. | Checked | No.
Indexed E. J. GAUM Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-2
TBM H2-188E				3008.02	TBM H2-188E Elev. 3008.02 FB. 3187 — 237	
					188th ST. E & AVE H-2 ℄ INT. Top I"I.P. 12"d.	
0+00				09.2		℄
"				08.5		33'R
"				07.7		133'R
"				10.0	33'L	
"				13.4	133'L	
1+00				12.3		℄
"				11.1		33'R
"				10.0		133'R
"				14.0	33'L	
"				14.7	133'L	
2+00				14.0		℄
"				13.7		33'R
"				12.0		133'R
"				14.5	33'L	
"				17.3	133'L	
T.P.				16.63		
3+00				17.5		℄
"				17.0		33'R
"				13.0		133'R

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE. H-2
3+00				3018.0		33'R
"				19.7		133'R
4+00				20.2	℄	
"				20.4		33'R
"				17.8		133'R
"				20.8	33'L	
"				22.2	133'L	
5+00				22.0	℄	
"				21.4		33'R
"				20.1		133'R
"				22.4		
"				24.1		
6+00				20.5	℄	
"				19.6		33'R
"				18.4		133'R
"				21.2	33'L	
"				23.7	133'L	
6+68.24				20.0		℄ INT- 190th ST. E. & AVE H-2
"				19.1		33'R
"				16.1		133'R
X "				21.0	33'L	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0118.00 Division No. W.W. DIST 35 F.B. 3187 PG. 249

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by JSC Notes JSC Date 8-16-64

Map No. ____ Indexed G. J. GAUM Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE, H-2
6+68.24				3020.4	133'L	
TBM H2-188E				3019.02	TBM H2-188E Elev. 3019.011 F.B. 3187-140 190th ST. E. & AVE. H2 ℄ INT Top 1" J.P. 12" dn	

F.B. 3187 Pg. 250 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked No.
Indexed C. J. GALL Date Date Date

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187	PG. 251
	Date	Date	Survey of W. W. DIST #35			
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-16-64	
	Date	Date	Map No.	Indexed	Date	

J.N. 0118.00

WATER WORKS DIST #35

CROSS-SECTION
ON
AVE. H-4

188th ST. E TO 190th ST. E

COATES
HILL
HUBBARD
RITTER

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

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76-1298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-4
TBM H4-188E				2992.95	TBMH4-188E Elev. 2992.95 F.B. 3187-239	
					188th ST. E & AVE. H-4	℄ INT. Top 1" I.P. 12" dn
0+00				94.2		℄
"				93.8		33'R
"				95.9		133'R
"				95.2	33'L	
"				96.9	133'L	
1+00				96.8		℄
"				96.8		33'R
"				97.4		133'R
"				97.5	33'L	
"				99.6	133'L	
2+00				3000.4		℄
"				00.9		33'R
"				00.5		133'R
"				00.8	33'L	
"				04.5	133'L	
T.P.				3001.47		
3+00				02.6		℄
"				02.2		33'R
"				02.2		133'R

F.B. 3187 Pg. 252 Job No. 0118-00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [redacted] Date Date Date No.

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.		AVE. H-4
3+00				3003.0	33'L	
"				06.5	133'L	
4+00				02.8		℄
"				01.7		33'R
"				01.0		133'R
"				04.3	33'L	
"				07.4	133'L	
5+00				01.8		℄
"				00.6		33'R
"				2998.3		133'R
"				3003.1	33'L	
"				07.3	133'L	
6+00				02.1		℄
"				3000.8		33'R
"				2997.7		133'R
"				3003.2	33'L	
"				06.5	133'L	
6+68.07				02.1		℄ INT. 190th ST. E. & AVE H-4
"				3000.8		33'R
"				2997.2		133'R
"				3003.1	33'L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 Pg. 253
No. ____ Date ____ Date ____ Survey of W. W. DIST
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-16-64
No. ____ Date ____ Date ____ Map No. ____ Indexed R. J. GALLY Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-4
6+68.07				3006.0	133 L	
TBM H4-190E				3001.20	TBM H4-190E Elev. 3001.221 FB. 3187-140 190th ST. E & AVE. H-4 ℄ INT. Top 1" I.P. 12" dn	

F.B. 3187 Pg. 254 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187	PG. 255
	Date	Date	Survey of W. W. DIST #35			
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-13-64	
	Date	Date	Map No.	Indexed C. J. GALLI	Date	

J.N. 0118.00

WATERWORKS DIST. #35

CROSS-SECTION

ON

190TH ST. E.

AVE H-6 TO AVE H-8

COATES
RITTER
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.

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76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		190th ST. E
TBM H6-190E				2981 64	TBM H6-190E Elev, 2981.640 FB, 3187-141	
					190th ST. E. & AVE H-6	℄ INT. Top 1" I.P. 12" dn.
0+00				82.5		℄
"				82.7		33' R
"				85.0		133' R
"				84.1	33' L	
"				87.3	133' L	
1+00				79.2		℄
"				79.8		33' R
"				81.2		133' R
"				80.0	33' L	
"				82.6	133' L	
TP				78.01		
2+00				76.7		℄
"				77.4		33' R
"				77.8		133' R
"				77.0	33' L	
"				78.8	133' L	
3+00				74.0		℄
"				74.0		33' R
"				74.0		

F. B. 3187 Pg. 256 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed J. GALLY Date Date Date No.

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.		190th ST. E.
3+00				2974.7	33'L	
"				77.2	133'L	
4+00				71.6		℄
"				71.8		33'R
"				71.1		133'R
"				72.4	33'L	
"				76.5	133'L	
T.P.				2970.95		
5+00				69.3		℄
"				69.2		33'R
"				68.7		133'R
"				70.3	33'L	
"				74.4	133'L	
6+00				67.3		℄
"				66.8		33'R
"				66.5		133'R
"				68.9	33'L	
"				73.3	133'L	
6+82.00				75.4		℄ INT. 190th
X "				64.9		
"				64.4		

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-16-64
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3187 Pg. 257

76-L298 CE 307 3-61

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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.		190th ST. E
6+82.00				29669	33'L	
"				29718	133'L	
BMNC 1105				2964.58	BMNC 1105 Elev. 2964.602 F.B. 3187-141 190th ST. E. & AVE H-8 ℄ INT. 1/4 COR 11,12 T7N R9W C.S. MON. 10"dn	

F.B. 3187 PG. 258 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GALLI Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187	PG. 259
	Date	Date	Survey of W. W. DIST #35			
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-16-64	
	Date	Date	Map No.	Indexed C. J. GALL	Date	

J.N. 0118.00

WATER WORKS DIST #35

CROSS-SECTION
ON
AVE H-8

180TH ST. E TO 183RD ST. E

COATES
HILL
HUBBARD
RITTER

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

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-8
BMNC 1087				2989.43	BMNC 1087 Elev. 2989.429 F.B. 3187-32. 180th ST. E. & AVE H-8 ℄ INT. 1/4 COR. Sect. 10, 11 T7N R9W FD. C.S. MON. 10" dn.	
0+00				90.2		℄ INT. 180th ST E. & AVE H-8
"				89.5		33'R
"				87.7		133'R
"				91.4	33'L	
"				94.2	133'L	
1+00				93.6		℄
"				91.3		33'R
"				86.2		133'R
"				94.7	33'L	
"				96.7	133'L	
2+00				90.2		℄
"				88.7		33'R
"				91.8		133'R
"				90.6	33'L	
"				83.5	133'L	
2+50				88.5		℄
3+00				89.2		℄
"				88.5		33'R

F.B. 3187 PG. 260 Job No. 0118.00 Division No. Notes Red Plotted Date No. X-Sec.
Survey of W. W. DIST #35 Date Notes Chkd. Checked Date No.
Survey by JSC Notes JSC Date
Indexed [redacted] GALLI Date

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-8
3+00				84.5		133'R
"				90.7	33'L	
"				91.0	133'L	
3+60				88.7	℄	
T.P.				87.11		
4+00				86.3	℄	
"				86.2		33'R
"				82.5		133'R
"				87.3	33'L	
"				87.5	133'L	
4+60				84.4	℄	
5+00				85.1	℄	
"				82.8		33'R
"				78.7		133'R
"				84.3	33'L	
"				84.7	133'L	
T.P.				79.52		
6+00				78.5	℄	
"				77.2		33'R
"				74.1		133'R
"				79.1	33'L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F. B. 3187 Pg. 261
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-16-64
No. ____ Date ____ Date ____ Map No. ____ Indexed G. A. GALL Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE. H-8
6+00				2983.3	133'L	
6+67.86				76.3		℄ INT. 181ST ST. E. & AVE H-8
T.B.M. H8-181E				2975.43	TBM H8-181E Elev. 2975.43 FB 3187-159	
					AVE H-8 & 181ST ST. E. ℄ INT. Top 1" I.P. 12" dn.	
7+00				75.3		℄
"				74.5		33'R
"				71.0		133'R
"				76.1	33'L	
"				79.6	133'L	
8+00				72.7		℄
"				71.6		33'R
"				69.2		
"				74.5	33'L	
"				76.0	133'L	
T.P.				71.96		
9+00				70.5		℄
"				69.5		33'R
"				66.6		133'R
"				72.3	33'L	
				73.3	133'L	

F.B. 3187 Pg. 262 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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.		AVE H-8
10+00				2969.0		℄
"				68.7		33' R
"				65.6		133' R
"				69.9	33' L	
"				71.7	133' L	
11+00				67.5		℄
"				66.5		33' R
"				65.4		133' R
"				68.6	33' L	
"				71.5	133' L	
12+00				64.8		℄
"				63.9		33' R
"				62.7		133' R
"				65.9	33' L	
"				66.7	133' L	
T.P.				64.89		
13+00				61.8		℄
"				61.5		33' R
"				64.3		133' R
"				62.7	33' L	
"				59.6	133' L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F. B. 3187 PG. 263
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 9-16-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. Gau Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE. H-8
13+35.72				2961.0		℄ INT. H-8 & 182ND ST E
TBM H8-182E				2961.02	TBM H8-182E Elev.	2961.02 F.B. 3187-264
					AVE H-8 & 182ND ST E.	℄ INT Top 1" I.R Fl.
14+00				59.4		℄
"				58.7		33' R
"				57.4		133' R
"				60.5	33' L	
"				61.4	133' L	
15+00				58.1		℄
"				57.8		33' R
"				55.1		133 R
"				59.2	33' L	
"				61.2	133' L	
16+00				58.3		℄
"				57.1		33' R
"				54.5		133' R
"				58.1	33' L	
"				60.5	133	
T.P.				2957.03		
17+00				55.8		℄
"				55.6		33' R

F.B. 3187 Pg. 264 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed [redacted] J. GALLI Date Date Date No.

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.		AVE. H-8
17+00				58.2		133'R
"				567	33'L	
"				583	133'L	
18+00				540		℄
"				53.2		33'R
"				51.2		133'R
"				542	33'L	
"				56.4	133'L	
19+00				52.5		℄
"				51.3		33'R
"				49.8		133'R
"				53.0	33'L	
"				555	133'L	
20+00				50.5		℄
"				49.8		33'R
"				48.1		133'R
"				51.1	33'L	
"				53.1	133'L	
TBM H8-183E				2949.62	TBM H8-183E Elev. 2949.62 FB. 3187-265	
					AVE H-8 & 183RD ST. E	℄ INT. TOP
20+03 58				503		℄ INT. 183RD ST. E. & AVE H-8

Profile Notes Red ____ Plotted ____ Job No. 6118.00 Division No. W.W. DIST #35 F.B. 3187 PG. 265
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd ____ Checked ____ Survey by JSC Notes JSC Date 8-16-64
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date ____

F.B. 3187 PG. 266 Job No. 0118-00 Division No. Notes Red Plotted Profile

Survey of W. W. DIST #35 Date Date No.

Survey by JSC Notes JSC Notes Chkd. Checked X-Sec.

Indexed [redacted] J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE. H-8
BMNC 1107				2947.16	BMNC 1107 Elev. 2947.183 FB. 3187-143 AVE H-8 & 185th St. E. & INT. ctr. Sect. 11 T 7N R9W FD. C.E. MON. 12" dn	

Profile No.	Notes Red	Plotted	Job No. 0118.00	Division No.	F.B. 3187	PG. 267
	Date	Date	Survey of W. W. DIST #35			
X-Sec. No.	Notes Chkd.	Checked	Survey by JSC	Notes JSC	Date 8-16-64	
	Date	Date	Map No.	Indexed C. J. GALLI	Date	

J. N. 0118.00

WATERWORKS DIST #35

CROSS-SECTION
ON
183RD ST. E

FROM AVE H-8 TO AVE I

COATES
HILL
HUBBARD
RITTER
MITCHELL

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

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		183RD ST. E
TBMH8-183				2949.62	TBMH8-183E Elev. 2949.62 F.B. 3187-265 AVE H-8 & 183RD ST. E. ℄ INT. TOP 1" I.P.	
0+00				50.3		℄
"				50.9		33'R
"				52.5		133'R
"				50.0	33'L	
"				49.3	133'L	
1+00				48.4		℄
"				49.4		33'R
"				51.0		133'R
"				47.8	33'L	
"				47.5	133'L	
2+00				46.8		℄
"				47.4		33'R
"				49.1		133'R
"				46.4	33'L	
"				45.3	133'L	
3+00				44.6		℄
"				45.3		33'R
"				46.8		133'R
"				44.6	33'L	

F.B. 3187 Pg. 268 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		183 RD ST. E
3+00				2943.7	133'L	
4+00				42.7		℄
"				43.4		33'R
"				46.0		133'R
"				42.4	33'L	
"				41.6	133'L	
T.P.				2943.03		
5+00				40.5		℄
"				41.7		33'R
"				42.8		133'R
"				39.9	33'L	
"				40.2	133'L	
6+00				38.2		℄
"				39.3		33'R
"				41.6		133'R
"				38.0	33'L	
"				38.2	133'L	
7+00				36.7		℄
"				37.7		33'R
"				39.9		133'R
"				36.4	33'L	

Profile No. X.Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 0118.00 Division No. W.W. DIST. #35 Survey of Survey by JSC Map No. Notes JSC Indexed R. J. GALLI Date 8-16-64 Date F.B. 3187 Pg. 269

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		183 RD ST. E
7+00				2937.0	133' L	
8+00				35.2		℄
"				35.8		33' R
"				38.6		133' R
"				34.4	33' L	
"				35.2	133' L	
T.P.				34.82		
9+00				33.2		℄
"				34.8		33' R
"				37.5		133' R
"				32.5	33' L	
"				33.2	133' L	
10+00				30.9		℄
"				32.1		33' R
"				34.1		133' R
"				30.8	33' L	
"				31.5	133' L	
11+00				29.9		℄
"				30.4		33' R
"				31.8		133' R
"				29.6	33' L	

F.B. 3187 Pg. 270 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W. W. DIST #35 Date No.
Survey by JSC Notes JSC Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L29B CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		183 RD ST. E.
11+00				2929.4	133'L	
12+00				292		℄
"				289		33'R
"				301		133'R
"				280	33'L	
"				28.1	133'L	
13+00				27.0		℄
"				276		33'R
"				302		133'R
"				266	33'L	
"				26.3	133'L	
13+57.79				262		℄ INT. AVE H-12 & 183 RD ST E
TBM H12-183E				2925.29	TBM H12-183E Elev. 2925.29 F.B. 3187-271	
					AVE H-12 & 183 RD ST. E	℄ INT Top 1" I.P. 12" dn
14+00				25.2		℄
"				255		33'R
"				266		133'R
"				24.7	33'L	
"				24.0	133'L	
15+00				23.8		℄
"				2923.6		33'R

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 Pg. 271
X-Sec. No. ____ Date ____ Date ____ Survey of W. W. DIST #35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-16-64
No. ____ Date ____ Date ____ Map No. ____ Indexed L. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		183RD ST. E.
15+00				2924.0		133' R
"				23.0	33'L	
"				21.8	133'L	
16+00				21.2		℄
"				21.2		33'R
"				21.1		133'R
"				21.1	33'L	
17+00				20.0	133'L	
"				19.9		℄
"				19.4		33'R
"				18.6		133'R
"				20.0	33'L	
"				18.8	133'L	
18+00				17.6		℄
"				18.0		33'R
"				16.4		133'R
TP				2918.11		
"				17.6	33'L	
"				18.2	133'L	
19+00				16.1		℄
"				16.2		33'R
"				2914.7		133'R

Profile
Plotted
Date
Notes Red
Date
Division No. 0118.00
Job No. W.W. DIST #35
Notes Chkd.
Date
Pg. 272
Survey of JSC
Notes
Date
Survey by
Indexed J. GALLI
B. 3187
X-Sec.
No.
No.

GE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		183RD ST. E.
19+00				29 16.5	33'L	
"				16.9	133 L	
20+00				15.2		℄
"				14.7		33'R
"				12.8		133'R
"				15.2	33'L	
"				14.3	133'L	
20+ 36.63				14.6		℄ INT AVE. H-14 & 183RD ST E
TBM H14-183E				29 13.68	TBM H-14-183E ELEV. 2913.68 FB 3187-273	
					AVE H14 & 183RD ST.E. ℄ INT. TOP OF 1" IP 12dN	
				12.5		℄
21+00				12.3		33 R
"				11.9		133R
"				13.5	33L	
"				12.8	133L	
22+00				11.6		℄
"				11.1		33R
"				10.5		133R
"				11.6	33L	
"				10.5	133L	
X TP				29 10.69		
23+00				29 08.4		℄

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W W DIST #35
Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-17-64
Date ____ Date ____ Map No. ____ Indexed C. J. GAULT Date ____

F.B. 3187 PG. 273

76-L298 CE 307 3-61

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F.B. 3187 PG. 274 | Job No. 0118.00 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST #35 | Notes HCH | Date | Date | Date | No.
Survey by JSC | Notes Chkd. | Checked | X-Sec.
Indexed J. GAIN | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		183RD ST. E
23+00				2908.9		33'R
"				08.4		133'R
"				07.7	33'L	
"				08.2	133'L	
24+00				06.5		℄
"				07.2		33'R
"				06.9		133'R
"				06.0	33'L	
"				05.0	133'L	
25+00				04.4		℄
"				04.2		33'R
"				04.3		133'R
"				05.0	33'L	
"				02.6	133'L	
TP				2903.38		
26+00				02.2		℄
"				02.5		33'R
"				02.8		133'R
"				02.0	33'L	
"				00.7	133'L	
27+00				2899.8		℄

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		183 RD ST E
27+00				28995		33'R
"				29009		133'R
"				28996	33'L	
"				28985	133'L	
27+15 47				28992		℄
"				28992		33R
"				29005		133R
"				28991	33L	
"				28982	133L	
TBM I-183E				2898.02	TBM I-183E ELEV. 2898.044 FB 3187-145	
					AVE I & 183 RD ST E. ℄ INT.	TOP OF 1" IP 12" dN

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____
No. ____ Date ____ Date ____ Survey of WW DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes HCH Date 8-17-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3187 PG. 275

Profile No.	Notes Red Date	Plotted Date	Job No. 0118.00	Division No.	F.B. 3187 PG. 277
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey of W. W. DIST #35		
			Survey by JSC	Notes JSC	Date 8-17-64
			Map No.	Indexed J. GAUL	Date

J.N. 0118.00

WATER WORKS DIST #35

CROSS-SECTION
ON
AVE. H-14

183RD ST. E TO 182TH ST. E

COATES
HUBBARD
HILL
MITCHELL
RITTER

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

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-14
TBM H14-183 E				2913.68	TBM H14-183E Elev. 2913.68 F.B. 3187-273	
					AVE. H-14 & 183RD ST. E.	℄ INT. Top 1" J.P. 12" dn
0+00				14.5		℄ INT 0+00
"				15.1		33'R
"				16.0		133'R
"				13.2	33'L	
"				12.4	133'L	
1+00				12.7		℄
"				13.3		33'R
"				15.2		133'R
"				12.5	33'L	
"				11.2	133'L	
2+00				12.9		℄
"				12.4		33'R
"				14.1		133'R
"				11.3	33'L	
"				10.1	133'L	
3+00				12.9		℄
"				13.7		33'R
"				14.0		133'R
"				29124	33'L	

F.B. 3187 Pg. 278 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed B. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		AVE H-14
3+00				2910.5	133'L	
4+00				13.0		℄
"				14.1		33'R
"				16.2		133'R
"				12.2	33'L	
"				10.9	133'L	
TP				2913.08		
5+00				14.0		℄
"				15.0		33'R
"				16.8		133'R
"				13.8	33'L	
"				11.5	133'L	
6+00				15.5		℄
"				16.1		33'R
"				18.2		133'R
"				14.7	33'L	
"				12.0	133'L	
6+67.43				15.6		℄ INT. 182ND ST. E & AVE H-14
"				16.4		33'R
"				18.4		133'R
"				2914.6	33'L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLS Date ____

F.B. 3187 PG. 279

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-14
6+67 43				2913.4	133'L	
TBM H14-182E				2914.70	TBM H14-182E ELEV. 2914.70	FB 3187-280
					AVE H-14 & 182nd STE ℄ INT	Top 1" IP 12" dn
TP				2906.51		
TBM I-182E				2902.57	TBM I-182E Elev. 2902.596	F.B. 3187-146
					AVE. I & 183RD ST. E. ℄ INT.	Top 1" I.P. 12" dn

F.B. 3187 PG. 280

Job No. 0118.00 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of WW DIST #35 Date ____ Date ____ No. ____

Survey by JSC Notes JSC Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

Profile No.	Notes Red Date	Plotted Date	Job No. 0118.00	Division No.	F.B. 3187	PG. 281
			Survey of W. W. DIST #35			
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey by JSC	Notes JSC	Date 8-17-64	
			Map No.	Indexed G. J. GALLI	Date	

J.N. 0118.00

WATERWORKS DIST #35

CROSS-SECTION

ON

AVE. H-12

183RD ST. E TO 185TH ST. E

COATES
HUBBARD
HILL
RITTER
MITCHELL

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

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

Do not extend notes this side of this line.

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-12
TBM H12-183E				2925.29	TBM H12-183E Elev. 2925.29 F.B. 3187-271	
					AVE. H12-& 183RD STE.	℄ INT. Top 1" I.P. 12" dn
0+00				26.2		℄ INT. AVE H-12 & 183RD STE
"				25.6		33'R
"				23.8		133'R
"				26.5	33'L	
"				27.6	133'L	
1+00				24.8		℄
"				24.4		33'R
"				22.6		133'R
"				25.6	33'L	
"				27.2	133'L	
2+00				24.7		℄
"				23.8		33'R
"				21.6		133'R
"				25.4	33'L	
"				26.9	133'L	
3+00				25.6		℄
"				25.0		33'R
"				22.5		133'R
"				29 26.4	33'L	

F.B. 3187 Pg. 282 Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No.
Survey by JSC Notes HCH Notes Chkd. Checked X-Sec.
Indexed J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-12
3+00				29280	133'L	
4+00				24.3		℄
"				23.5		33'R
"				22.2		133'R
"				24.7	33'L	
"				26.3	133'L	
TP				292348		
5+00				23.5		℄
"				22.9		33'R
"				21.0		133'R
"				23.8	33'L	
"				25.4	133'L	
6+00				22.8		℄
"				22.2		33'R
"				20.4		133'R
"				23.3	33'L	
"				25.0	133'L	
6+67 57				22.8		℄ INT. 185th ST. E. & AVE H 12
"				21.4		33'R
"				29.8		133'R
"				2923.2	33'L	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0118.00 Division No. ____ Survey of W W DIST #35

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by JSC Notes JSC Date 8-17-64

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

F.B. 3187 PG. 203

F.B. 3187 PG. 284

Job No. 0118.00 Division No. Notes Red Plotted Profile

Survey of W W DIST #35 Date Date No.

Survey by JSC Notes JSC Notes Chkd. Checked X-Sec.

Indexed C J GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
6+67 57				29246		AVE H-12
TBM H12-185E				2921.92	133L	
					TBM H12-185E ELEV. 2921.94 FB 3187-144	
					AVE H-12 & 185TH ST. E. & INT TOP 1" IP 12" dw.	

X

F.B. 3187 PG. 285

Profile No. | Notes Red | Plotted | Job No. 0118.00 | Division No.
Date | Date | Survey of W. W. DIST #35
X-Sec. No. | Notes Chkd. | Checked | Survey by JSC | Notes JSC | Date 8-17-64
Date | Date | Map No. | Indexed C. J. GALLI | Date

J.N. 0118.00

WATER WORKS DIST #35

CROSS-SECTION

ON

AVE H-12

181 ST. E. TO 180 ST. E.

COATES
HUBBARD
HILL
RITTER
MITCHELL

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

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-12
TBM H12-181E				2938.95	TBM H12-181E. Elev. 2938.95 FB 3187-162	
					181th ST. E & AVE. H12	℄ INT. Top 1" I.P. 12" dn.
0+00				39.8		℄ INT.
"				41.2		33'R
"				41.3		133'R
"				39.2	33'L	
"				37.9	133'L	
1+00				42.1		℄
"				42.2		33'R
"				44.1		133'R
"				42.3	33'L	
"				39.6	133'L	
2+00				43.0		℄
"				44.2		33'R
"				45.5		133'R
"				41.9	33'L	
"				40.2	133'L	
3+00				45.0		℄
"				45.2		33'R
"				46.6		133'R
"				2943.7	33'L	

F.B. 3187 Pg. 286
Job No. 0118.00 Division No. Notes Red Plotted Profile
Survey of W.W. DIST #35 Date Date No. X-Sec.
Survey by JSC Notes H.C.H. Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-12
3+00				2943.1	133'L	
TP				2946.98		
4+00				46.6		℄
"				46.7		33'R
"				48.2		133'R
"				46.5	33'L	
"				44.9	133'L	
5+00				46.4		℄
"				47.2		33'R
"				49.7		133'R
"				45.7	33'L	
"				43.8	133'L	
6+00				48.4		℄
"				49.8		33'R
"				52.0		133'R
"				47.7	33'L	
"				45.8	133'L	
6+67.57				49.9		℄ INT. AVE H-12 & 180TH ST.E.
"				50.4		33'R
"				53.4		133'R
"				2949.1	33'L	

Profile Notes Red ____ Plotted ____ Job No. 0118.00 Division No. ____ F.B. 3187 Pg. 287
No. ____ Date ____ Date ____ Survey of W/W DIST #35
X-Sec. Notes Chkd. ____ Checked ____ Survey by JSC Notes JSC Date 8-17-64
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		AVE H-12
6+67.57				294.78	133'L	
TBM H12-180E				2948.94	TBM H12-180E ELEV. 2948.97 FB 3187-288	
					AVE H-12 & 180th ST. E. ℄ INT TOP OF 1" IP 12" dn.	
TP				45.54		
TP				42.06		
TP				37.49		
TP				35.99		
BM NC 1088				2932.20	BM NC 1088 Elev. 2932.200 FB. 3187-33	
					AVE I & 180th ST. E. ℄ INT Cor. Sect. 10, 11, 14, 15	
					T7N R9W Top C.S. Mon 10" dn.	

F. B. PG. Job No. Division No. Notes Red Plotted Profile
Survey of Date Date No. X-Sec.
Survey by Notes Notes Chkd. Checked
Indexed Date Date No.