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

F.B. PG.

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
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NAME OF PERSON MAKING CHANGE

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CENTERLINE NOTES
CE 310
76F3096-4/73

Microfilmed July '85.

NOTES RED. _____ JOB NO. 5334.50 SURVEY OF AVE. Q-14 WATERLINE F.B. 4419 PG. 7

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J. C. P. DATE 10-3-77

DATE _____ INDEXED T.M. PALMERI DATE FEB 9 1979

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

J. N. 5334.50

WATERWORKS DISTRICT #33

GRADE STAKES FOR 6" WATERLINE

IN AVE. Q-14 FROM 90TH ST. E.

TO 100TH ST. EAST

SET STK. & TIN AT 100' STATIONS
5' RIGHT (SOUTH) OF WATERLINE

PIERCE
KING
ADAMS

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4419 PG. 8

JOB NO. 5334.50 SURVEY OF AVE Q-14 WATERLINE NOTES RED.

SURVEY BY J. C. PIERCE DATE

NOTES BY J.C.P. DATE 10-3-77 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	%	BOT DITCH GRADE	CUT	AVE. Q-14
				2659.10				BM Q-14-1 RDLB 3229 FCS 185, 186 ELEV=2659.098 LLANO 73 A 1½" I.P. NO PL UP 2" 32' S. & 0.1 MI. E. & INT. 90TH ST. E. & AVE Q-14
59+84.30				58.59				JOIN EX 1ST. 12" WATER
60+00				59.14				NAIL 5' SO. OF 6" WATER
60+30				57.67		2653.93	3.74	ST & T
61+00				57.28		54.23	3.05	G. B.
62+00				57.87		54.43	3.44	G. B.
63+00				57.58		54.63	2.95	
64+00				57.80		54.83	2.97	
65+00				57.74		55.03	2.51	T.P.
66+00				58.50		55.23	3.27	
66+37								F. H.
67+00				58.19		55.43	2.76	
68+00				58.04		55.63	2.41	
69+00				58.45		55.83	2.62	
69+50				59.02		55.93	3.09	
70+00				58.85		55.83	3.02	
71+00				58.91		55.63	3.28	
72+00				58.79		55.43	3.36	
72+11								F. H.
72+45.67				58.80		55.34	3.46	G. V. & G. B.
72+66.17								℄ 92 ND ST. E
72+86				59.03		55.34	3.69	G. B.
73+00				58.73		55.42	3.31	
73+50				59.34		55.73	3.61	G. B.
74+00				59.68		55.87	3.81	
75+00				59.55		56.15	3.40	
76+00				60.02		56.43	3.59	
77+00				60.03		56.71	3.32	
78+00				60.34		56.99	3.35	
78+84.20				~~60.74~~				F. H.
79+00				60.74		57.27	3.47	
B.M. Q14-4				62.41				BM Q 14-4 RDLB 3229-188, 189 ELEV = 2662.410 LLANO 73 1½" I.P. NO PL 2" UA 26' S. & 0.1 MI. E. & INT. AVE Q+14 & 92 ND ST. E. (1' S/O TP # 615784 H
80+00				60.96		57.55	3.41	
81+00				61.35		57.83	3.52	G. B.
82+00				61.92		58.40	3.52	
83+00				61.88		2658.87	3.01	

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NOTES RED. _____ JOB NO. 5334.50 SURVEY OF AVE Q-14 WATERLINE F.B. 4419 PG. 9

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J. C. P. DATE 10-3-77

DATE _____ INDEXED T.M. PALMERI DATE FEB 9 1979

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CE 307
76-L-298-4/73

STATION	B.S.	H.I.	F.S.	ELEV.	%	BOT DITCH GRADE	CUT	AVE Q-14
84+00				2663 03		2659.39	3.64	
85+00				63 22		59.91	3.31	
86+00				63 67		60.43	3.24	
86+25				63 77		60.07	3.70	GR. BRK.
86+51.47								℄ INT. 95TH ST. E.
86+66.74				63 88		60.07	3.81	CROSS
86+78				63 84		60.07	3.76	GR. BRK
87+00				64 19		60.39	3.80	
87+16.47								FIRE HYD.
88+00				65 05		61.28	3.77	
89+00				66 01		61.69	4.32	
90+00				66 13		62.34	3.79	
91+00				66 90		62.99	3.91	
92+00				67 13		63.64	3.49	GR. BRK.
93+00				67 48		64.14	3.34	
93+15.51				67 78		64.22	3.56	TEE TO FIRE HYD.
BM#Q14-5				2667 83				B.M. #Q-14-5 RDLB 3230-95 ELEV. = 2667.83 LLANO 78 A 1½" I.P. NO PL 2' UP 2.5 N. ℄ 0.1 MI. E. ℄ INT AVE Q-14 ℄ 95TH ST. E. 1' N/o PP# 864634 E
93+50				68 38		64.39	3.99	GR. BRK
94+00				68 58		64.59	3.99	
95+00				68.15		64.99	3.16	
96+00				69 40		65.39	4.01	
97+00				69 44		65.79	3.65	GR. BRK.
98+00				70 20		66.41	3.79	
99+00				70 46		67.03	3.43	GR. BRK
99+23.89								FIRE HYD
99+58.14				70 05		66.63	3.42	G.V. ℄ GR. BRK
99+78.89								℄ INT 97TH ST. E.
BM Q14-6				2671 23				B.M. Q14-6 RDLB 3230-95 ELEV. = 2671.230 A 1½" I.P. CONC. PL. ℄ BD. DN. 6" 33' N ℄ 33' W OF ℄ INT AVE Q-14 ℄ 97TH ST. E.
100+00				71 30		66.63	4.67	GR. BRK
101+00				72 10		68.00	4.10	
102+00				72 20		69.35	2.85	GR. BRK
103+00				73 56		70.31	3.25	
104+00				74 25		71.27	2.98	
105+00				75 41		72.23	3.18	
106+00				76 46		2673.19	3.27	GR. BRK

F.B. 4419 PG. 10

JOB NO. 5334.50 SURVEY OF AVE Q-14 WATERLINE NOTES RED. _____

SURVEY BY J. C. PIERCE DATE _____

NOTES BY J. C. P. DATE 10-3-77 NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	BOT DITCH GRADE	CUT	AVE Q-14
106+42.33								FIRE HYD.
107+00				2676 48		2673.95	2.53	
108+00				7854		2674.71	3.83	
109+00				7932		75.47	3.85	GR. BRK.
110+00				7953		75.75	3.78	
111+00				7960		76.03	3.57	GR. BRK.
112+00				7906		75.61	3.45	GR. BRK.
112+90.63				7900				EXISTING CROSS
BM 100-49				8048				BM 100-49 RDLB 3230-152
								ELEV = 2680.477 LLANO 73
								A LD & TK. IN NE COR.
								CONC. BASE TO FIRE HYD.
								45' S & 43' W. OF ℄ INT.
								100TH ST. E. & AVE Q-14

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NOTES RED. _____ JOB NO. 5334.50 SURVEY OF W. W. DIST. # 33 F.B. 4419 PG. 11

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J. C. P. DATE 10-12-77

DATE _____ INDEXED T.M. PALMERI DATE FEB 9 1979

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

J.N. 5334.50

WATERWORKS DISTRICT # 33

GRADE STAKES FOR 6" WATERLINE
IN AVE Q-12 FROM 384' EAST
OF 90TH ST. EAST TO 105TH ST. EAST

SET STAKE AND TIN AT 100' STATIONS
5' OFFSET RIGHT (SOUTH) OF WATERLINE

PIERCE
KING
ADAMS

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F.B. 4419 PG. 12

JOB NO. 5334.50 SURVEY OF WW DIST #33 NOTES RED. _____

SURVEY BY J. C. PIERCE DATE _____

NOTES BY J. C. P. DATE 10-12-77 NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	BOT DITCH GRADE	CUT	
BM 90-12				2658.08			BM 90-12 ROLB 3229-185
							ELEV = 2658.075 A 1½" I.P.
							NO PLUG UP 2" GO' N & 30' E
							OF ℄ INT 90TH ST. E. ℄
							AVE Q-14 (1' E/O TP#
							538150
				5321			T.P.
63+84				5302			EXISTING VALVE
63+97				5300	49.75	3.25	45° BEND
64+28				5374	50.49	3.25	45° BEND
65+00				5355	50.30	3.25	GR BRK
66+00				5371	50.33	3.38	
66+37.47							FIRE HYD. S ℄ E
67+00				5375	50.36	3.39	
68+00				5364	50.39	3.25	GR. BRK
69+00				5382	50.57	3.25	GR. BRK
70+00				5438	50.83	3.55	
71+00				5442	51.10	3.32	
72+00				5461	51.36	3.25	
72+11.66							FIRE HYD. S ℄ E
72+46.66				5425	51.00	3.25	GATE VALVE GR. BRK
72+66.66							℄ 92ND ST. E.
73+00				5513	51.73	3.40	
74+00				5537	52.10	3.27	
75+00				5606	52.46	3.60	
76+00				5630	52.88	3.42	
77+00				5660	53.20	3.40	
78+00				5710	53.56	3.54	
78+84.69							FIRE HYD
79+00				5766	53.98	3.73	
80+00				5784	54.30	3.54	
81+00				5809	54.67	3.42	
82+00				5860	55.03	3.57	
83+00				5898	55.40	3.58	
84+00				5957	55.76	3.81	
85+00				5938	56.18	3.25	GR. BRK 86+53.85 54.04
86+00				5979			
86+53.85							℄ 95TH ST. E.
				6185	56.54	3.25	T.P.
BM Q12-5				26650			BM# Q-12-5 EL. = 2664.993
							SEE NEXT PG.

383.53
64.99

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NOTES RED. _____ JOB NO. 5334.50 SURVEY OF AVE Q-12 W.W. DIST. 33 F.B. 4419 PG. 13

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J.C.P. DATE 10-19-77

DATE _____ INDEXED ~~T.M. PALMERI~~ DATE FEB 9 1979

STATION	B.S.	H.I.	F.S.	ELEV.	DOT DITCH GRADE	CUT	AVE Q-12
BM # Q 12-5				2664 99			BM Q-12-5 LLANO 73
							RDLB 3230-92 A 1½" I.P
							NO PLUG 25.5 S & 0.1 MI. E OF
							℄ INT AVE Q-12 ℄ 95TH ST. E
							ELEV = 2664.993
x 86+69.85				60 10	2656.85	3.25	CROSS
87+00				60 43	57.03	3.40	
87+18.85							FIRE HYD
88+00				61 28	57.62	3.66	
89+00				61 87	58.21	3.66	
90+00				62 22	58.80	3.42	
91+00				62 70	59.39	3.31	
92+00				63 23	59.98	3.25	
93+00				64 16	60.55		
93+18.61							FIRE HYD.
94+00				64 99	61.13	3.86	
95+00				65 81	61.70	4.11	
96+00				66 20	62.28	3.92	
97+00				66 56	62.85	3.71	
98+00				67 00	63.43	3.57	
99+00				67 25	64.00	3.25	
99+26.71							FIRE HYD.
99+81.71				67 73			℄ INT 97TH ST. E.
BM # Q-12-6				2667 18			BM Q12-6 EL = 2667.177
							RDLB 3230-92 LLANO 73
							1½" I.P. CEM. PL. ℄ BRAD 6' DN
							32' N ℄ 32' W OF ℄ INT
							AVE Q-12 ℄ 97TH ST. E.
x 100+00				67 87	64.95	2.92	
101+00				68 99	65.35	3.64	
102+00				69 65	65.75	3.90	
103+00				70 05	66.15	3.90	
104+00				70 20	66.55	3.65	
105+00				71 46	66.95	4.51	
106+00				71 63	67.34	4.29	
106+45.06							FIRE HYD.
107+00				71 83	67.72	4.11	
108+00				72 51	68.11	4.40	
109+00				72 72	68.49	4.23	
110+00				73 07	2668.88	4.17	

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CE 307
76-L-298-4/73

F.B. 4419 PG. 14

JOB NO. 5334.50 SURVEY OF WW DIST. #33 NOTES RED. _____

SURVEY BY J. C. PIERCE DATE _____

NOTES BY J. C. P. DATE 10-27-77 NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	BOT DITCH GRADE	CUT	AVE. Q-12
111+00				2673 97	2669.26	4.71	
112+00				74 46	69.65	4.81	
112+93.89				74 29	69.65	4.64	
113+00				74 62	69.65	4.97	CROSS
BM 100-47				2674 60			BM 100-47 EL = 2674.604
							R.D.L.B. 3230-93 LLANO 73
							L & T IN NE COR BASE TO
							FIRE HYD. 43' S & 42' W
							℄ INT 100TH ST E & AVE Q12
113+09.87							℄ 100TH ST. E.
114+00				74 12	71.15	2.97	
115+00				75 38	71.62	3.76	
116+00				75 45	72.10	3.35	
117+00				76 63	72.57	4.06	
118+00				75 93	73.05	2.88	
119+00				76 00	73.25	2.75	
119+58.83							FIRE HYD.
120+00				76 11	73.48	2.63	
121+00				77 60	73.68	3.92	
122+00				78 48	74.23	4.25	
123+00				78 44	74.78	3.66	
124+00				78 76	75.33	3.43	
125+00				79 71	75.88	3.83	
126+00				80 05	76.43	3.62	
126+83.55							FIRE HYD
127+00				80 52	75.75	4.77	
127+18.55				80 08	75.75	4.33	G.V.
				2680 15			BM # Q12-B EL. = 2680.15
							R.D.L.B. 3230-149 LLANO 73
							1½" I.P. CEM. PL. & BRAD
							6" DN. 35' S & 35' W OF
							℄ INT AVE Q-12 & 100TH
							ST. EAST
127+38.55							℄ INT 102ND ST. E.
128+00				81 39	75.75	5.64	
129+00				81 79	76.95	4.84	
130+00				81 61	77.15	4.46	
131+00				82 29	77.35	4.94	
132+00				2681 87	2677.55	4.32	

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NOTES RED. _____ JOB NO. 5334.50 SURVEY OF W. W. DIST. # 33 F.B. 4419 PG. 15

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J. C. P. DATE 10-28-77

DATE _____ INDEXED ~~T.M. PALMERI~~ DATE FEB 9 1979

STATION	B.S.	H.I.	F.S.	ELEV.	BOT. DITCH GRADE	CUT	
133+00				2681.21	2677.75	3.46	AVE Q-12
133+68.40							FIRE HYD.
134+00				81.17	77.95	3.22	
135+00				81.23	78.15	3.08	
136+00				82.85	78.35	4.50	
137+00				82.66	78.55	4.11	
138+00				83.26	78.95	4.31	
139+00				83.57	79.35	4.22	
139+28.40							FIRE HYD. & INT 105TH ST. E.
139+98.40							
140+01.68				83.13	79.15	3.98	TEE
BM 105-3				82.70	BM 105-3 ELEV = 2682.72 RDLB 3230-101 LLANO 73 1½" I.P. CEM PL & BRAD DN 6" 41' N & 41' W. OF E INT 105TH ST. E. & AVE. Q-12		

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CE 307
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F.B. 4419 PG. 16

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

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

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NOTES RED. _____ JOB NO. 5334.50 SURVEY OF AVE Q-10 WATERLINE F.B. 4419 PG. 17

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J.C.P. DATE 11-2-77

DATE _____ INDEXED T.M. PALMERI DATE FEB 9 1979

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

J. N. 5334.50

WATERWORKS DISTRICT # 33

GRADE STAKES FOR 6" WATERLINE
IN AVE. Q-10 FROM 90TH ST. EAST
TO 105TH ST. EAST

SET STK. & TIN AT 100' STATION
5' OFFSET RIGHT (SOUTH) OF WATERLINE

PIERCE
KING
ADAMS

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4419 PG. 18

JOB NO. 5334.50 SURVEY OF WW DIST 33 NOTES RED. _____

SURVEY BY J. C. PIERCE DATE _____

NOTES BY J.C.P. DATE 11-2-77 NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	BOT DITCH GRADE	CUT	AVE. Q-10
BM Q10-5				265423			BM Q10-5 EL = 2654.232
							LLANO 73 RDLB 3229-177
							A 1½" I.P. NO PL. UP 2"
							30'S & 616'E OF ℄ INT
							AVE Q-10 & 92ND ST E
							1" S/O AP# 1070701 E
49+84.08							TEE
50+00.08							℄ 90TH ST. E.
51+00		NOTE:					
52+00			THE ½ MILE ON AVE Q-10				
53+00			FROM 90TH ST. EAST TO				
54+00			95TH ST. EAST WAS				
55+00			DELETED FROM THIS				
56+00			CONTRACT				
56+55.13							TEE TO FIRE HYD.
57+00							
58+00							
59+00							
60+00							
61+00							
62+00							
62+11.47							TEE TO FIRE HYD.
62+46.17							GATE VALVE
62+66.17							℄ 92ND ST. E
63+00							
64+00							
65+00							
66+00							
67+00							
68+00							
68+30.37							
69+00							
70+00							
71+00							
72+00							
73+00							
74+00							
75+00							
76+00							

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NOTES RED. _____ JOB NO. 5334.50 SURVEY OF W W DIST. 33 F.B. 4419 PG. 19

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J. C. P. DATE 11-2-77

DATE _____ INDEXED T.M. PALMERI DATE FEB 9 1979

STATION	B.S.	H.I.	F.S.	ELEV.	BOT DITCH GRADE	CUT	AVE. Q-10
BM 95-98				2656 52			BM 95-98 EL = 2656.520
							LLANO 73 RDLB 3229-177
							A 1½" I.P. CEM. PL. & BD.
							8" DN. 50' S & 50' E OF
							℄ INT 95TH ST. E. &
							AVE Q-10
76+55.44							℄ INT 95TH ST. E.
76+70.74				56 42	2652.83	3.59	CROSS
77+00				56 92	53.11	3.81	
77+20.44				56 91	53.45	3.46	TEE TO F.H.
78+00				57 76	54.32	3.44	
79+00				58 91	55.05	3.86	
80+00				59 29	55.41	3.88	
81+00				59 75	55.77	3.98	
82+00				59 93	56.13	3.80	
83+00				60 15	56.49	3.66	
83+20.92				60 22	56.57	3.65	TEE TO F.H.
84+00				59 95	56.86	3.09	
85+00				60 31	57.22	3.09	
86+00				60 54	57.58	2.96	
87+00				61 10	57.94	3.16	
88+00				61 53	58.30	3.23	
89+00				62 19	58.66	3.53	
89+29.19				62 13	58.77	3.36	TEE TO F.H.
89+63.47				62 37	58.65	3.72	G.V.
89+84.19							℄ 97TH ST. E.
BM Q10-8				2663 34			BM Q10-8 EL = 2663.362
							RDLB 3229-179 LLANO 73
							1½" I.P. CEM. PL & BD DN 6"
							32' N & 32' E. OF ℄ INT
							AVE. Q-10 & 97TH ST. E.
90+00				62 75	58.65	4.10	
91+00				65 05	59.70	5.35	
92+00				65 31	60.75	4.56	
93+00				65 74	61.35	4.39	
94+00				66 32	61.95	4.37	
95+00				66 06	62.55	3.51	
96+00				66 76	63.40	3.36	
96+47.37				2666 83	63.70	3.13	TEE TO F.H.

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4419 PG. 20

JOB NO. 5334.50 SURVEY OF W W DIST. 33 NOTES RED. _____

SURVEY BY J. C. PIERCE DATE _____

NOTES BY J. C. P. DATE 11-2-77 NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	BOT DITCH GRADE	CUT	AVE Q-10
97+00				2667.35	2664.25	3.10	
98+00				68.71	64.63	4.08	
99+00				69.62	65.00	4.62	
100+00				70.02	65.38	4.64	
101+00				69.60	65.76	3.85	
102+00				69.47	66.14	3.33	
102+97.24				69.98	66.38	3.60	CROSS
103+00				70.21	66.38	3.83	
103+12.94				2670.70			℄ 100TH ST. E.
							BM 100-45 EL = 2670.698
							RDLB 3230-90 LLANO '73'
							L & T IN N.E. COR. CONC. BASE
							TO FIRE HYD. 46'S & 41'W
							℄ INT 100TH ST. E. &
							AVE Q-10
104+00				70.97	66.92	4.05	
105+00				70.45	67.21	3.24	
106+00				70.76	67.49	3.27	
107+00				71.91	67.78	4.13	
108+00				72.22	68.06	4.16	
109+00				72.86	68.35	4.51	
109+54.62				73.10	68.71	4.39	TEE TO F.H
110+00				73.48	69.02	4.46	
111+00				74.51	69.68	4.83	
112+00				75.01	70.35	4.66	
113+00				74.68	71.02	3.66	
114+00				75.48	71.68	3.80	
115+00				75.46	72.35	3.11	
116+00				75.50	72.15	3.35	
116+79.56							F. H.
117+00				75.81	70.75		
117+13.86				74.80	70.75		G.V.
117+34.56							℄ 102ND ST. E.
BM Q10-B.				2675.67			BM Q10-B EL=2675.665
							RDLB 3230-146 LLANO 73
~~+0~~							1½" I.P CEM. P4 & BD. ON 6"
							35'S & 35'W. & INT
							AVE Q-10 & 102ND ST. E.
118+00				74.88	2671.50	3.38	

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76-L-298-CE 307-4/73

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NOTES RED. _____ JOB NO. 5334.50 SURVEY OF W. W. DIST. 33 F.B. 4419 PG. 21

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J.C.P. DATE 11-2-77

DATE _____ INDEXED T.M. PALMERI DATE FEB 9 1979

STATION	B.S.	H.I.	F.S.	ELEV.	BOT DITCH GRADE	CUT	AVE Q-10
119+00				2675 84	2671.70	3.44	
120+00				76 01	71.90	4.11	
121+00				76 05	72.10	3.95	
122+00				75 59	72.30	3.29	
123+00				75 35	72.50	2.85	
123+64.54							F.H.
124+00				75 56	72.70	2.86	
125+00				75 75	72.90	2.85	
126+00				76 55	73.35	3.20	
127+00				77 60	73.80	3.80	
128+00				77 87	74.25	3.62	
129+00				78 26	74.70	3.56	
129+29.54							F.H.
129+84.54				78 39	75.14	3.25	TEE
129+98.54				78 71	75.14	3.57	TEE
BM 105-1				2678 60			BM 105-1 EL = 2678.60

RDLB 3230-147 LLAND 73
1" I.P. CEM. PL. & L.A. CO. ENG'R. TAG 1' UP 40' N. & 40' W. OF & INT. 105TH ST. E. & AVE. Q-10

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4419 PG. 22

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

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

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76-L-298-CE 307-4/73

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NOTES RED. _____ JOB NO. 5334.50 SURVEY OF W. W. DIST #33 F.B. 4419 PG. 23

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J. C. P. DATE 11-16-77

DATE _____ INDEXED T.M. PALMERI DATE FEB 9 1979

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

J. N. 5334.50

W. W. DISTRICT #33

GRADE STAKES FOR 6" WATERLINE
IN 105TH STREET EAST
FROM 330'± NORTH OF AVE Q-10
TO AVE. Q-12

SET SPIKES AND TINS AT 100'
STATIONS ON 5' OFFSET RIGHT (WEST)
OF WATERLINE

PIERCE
KING
ADAMS

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4419 PG. 24

JOB NO. 5334.50 SURVEY OF W. W. DIST 33 WATERLINE NOTES RED.

SURVEY BY J. C. PIERCE DATE

NOTES BY J. C. P DATE 11-16-77 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	BOT DITCH GRADE	CUT	105TH ST. EAST
BM # 105-1				2678.60			BM # 105-1 EL. = 2678.60
							RDLB 3230-147 LLANO 73
							1" I.P. CEM PL & L.A. CO. ENG'R
							TAG 1"UP 40'N & 40'W.
							& INT. 105TH ST. E. & AVE Q-10
63+48				77.10	73.85	3.25	JOIN EXIST 12" LINE
64+00				77.16	73.91	3.25	
65+00				77.17	73.92	3.25	
66+00				77.98	74.56	3.42	
66+50				78.20	74.88	3.32	
66+89.8				78.39	75.14	3.25	TEE
66+89.8				78.71	75.14	3.57	TEE
67+00				78.67	75.21	3.46	
68+00				79.04	75.82	3.22	
69+00				79.71	76.42	3.29	
70+00				80.44	77.03	3.41	
71+00				81.35	77.63	3.72	
72+00				82.00	78.24	3.76	
73+00				82.56	78.85	3.71	
73+51.59				82.91	79.15	3.76	TEE
BM 105-3				2682.72			BM 105-3 EL = 2682.72
							RDLB 3230-101 LLANO 73
							1½" I.P. CONC. PL & BD. DN.6"
							41' N & 41' W. OF ℄ INT.
							105TH ST. E. & AVE Q-12

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Notes Ck'd by	Survey of WW DIST #4 TREVOR AVE F.B. 4419 PG. 25
Map No.	JN 5044.53 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date 2-OCT 78
Date	Indexed T.M. PALMER FEB 9 1979

WATER WORKS DISTRICT #4

TREVOR AVE FROM AVE I S'LY TO MILLING. ST.

10" MAIN

SPEC. NO WWD 4-545

J.N. 5044.53

REFS:

F.B. 2223

PARTY:
C.L. WRIGHT
J.C. PIERCE
W. ALBRIGHT
J. MOODY
A GOBLE

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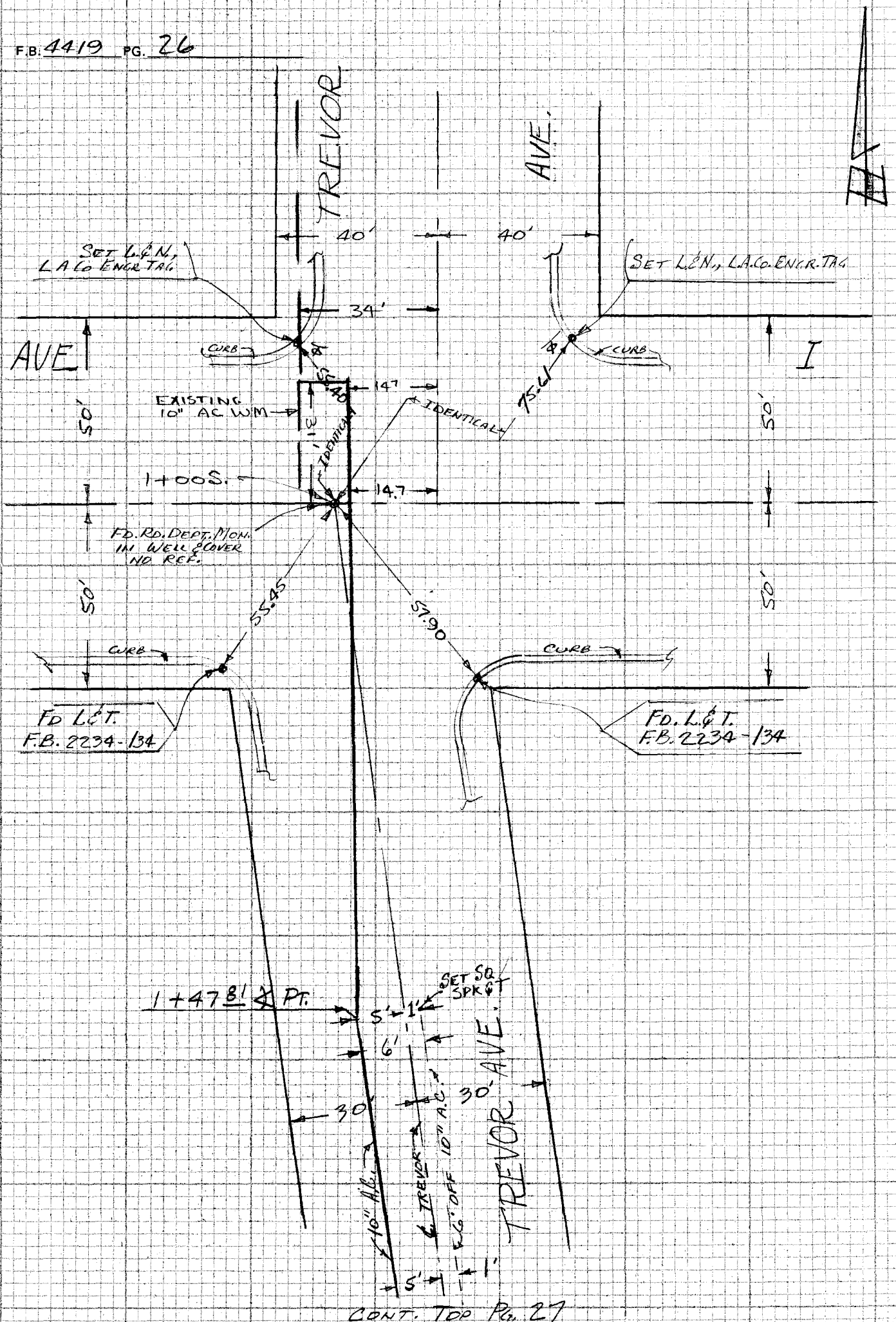
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 26



CONT. TOP PG. 27

CE 310
76F3095-4/73

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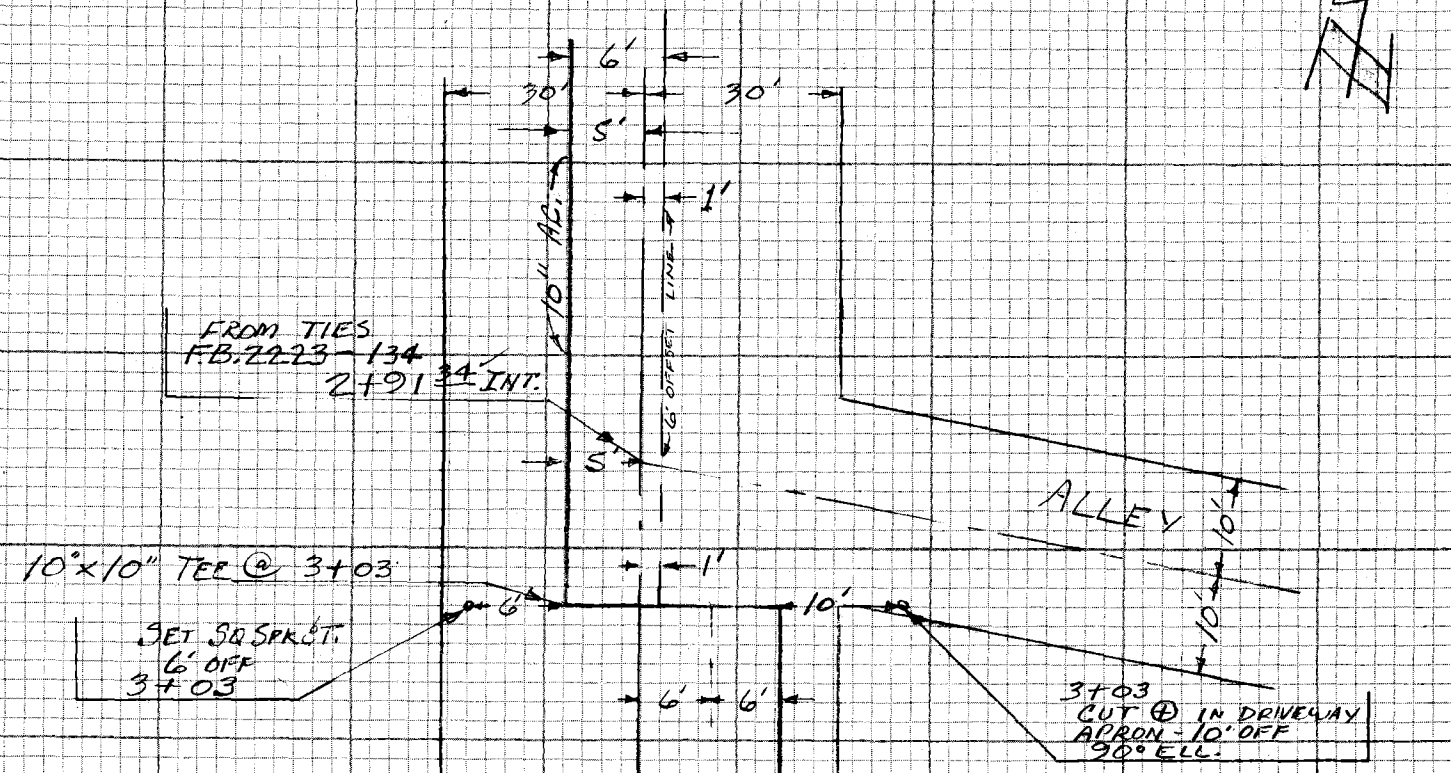
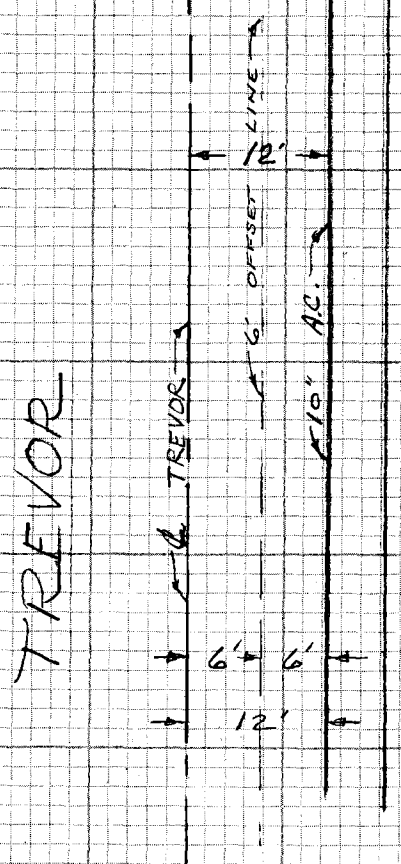
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of L.A. DIST. #4 (TREVOR AVE) F.B. 4419 PG. 27
Map No.	JN 5044.53 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date 2-Oct. 78
Date	Indexed T.M. PALMER FEB 9 1979

CONT. FROM Bot. Pg. 26





CONT. Top Pg. 28

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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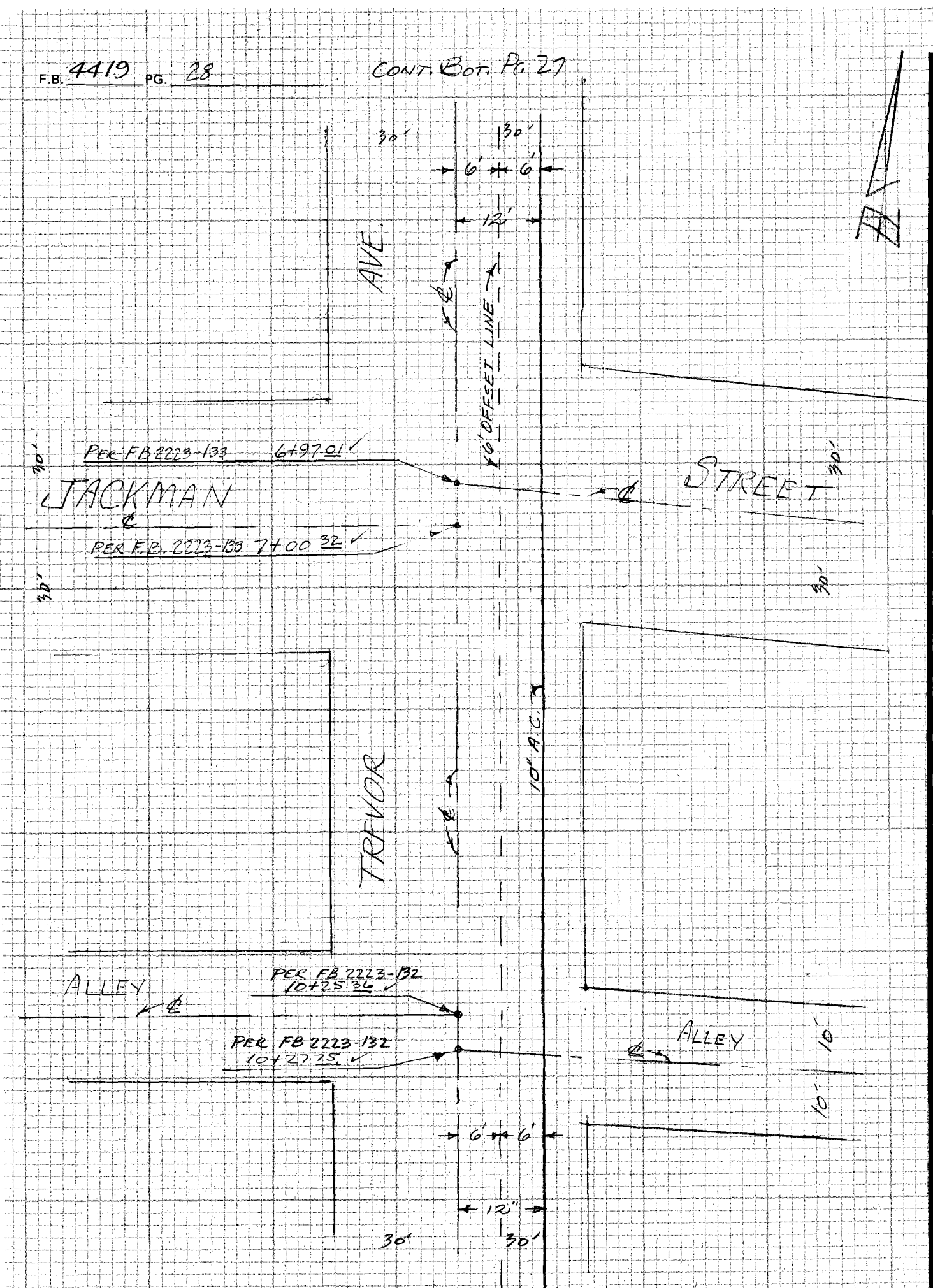
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 28

CONT. BOT. PG. 27



CONT. TOP PG. 29

CE 310
76F3095 4/73

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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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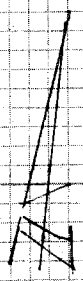
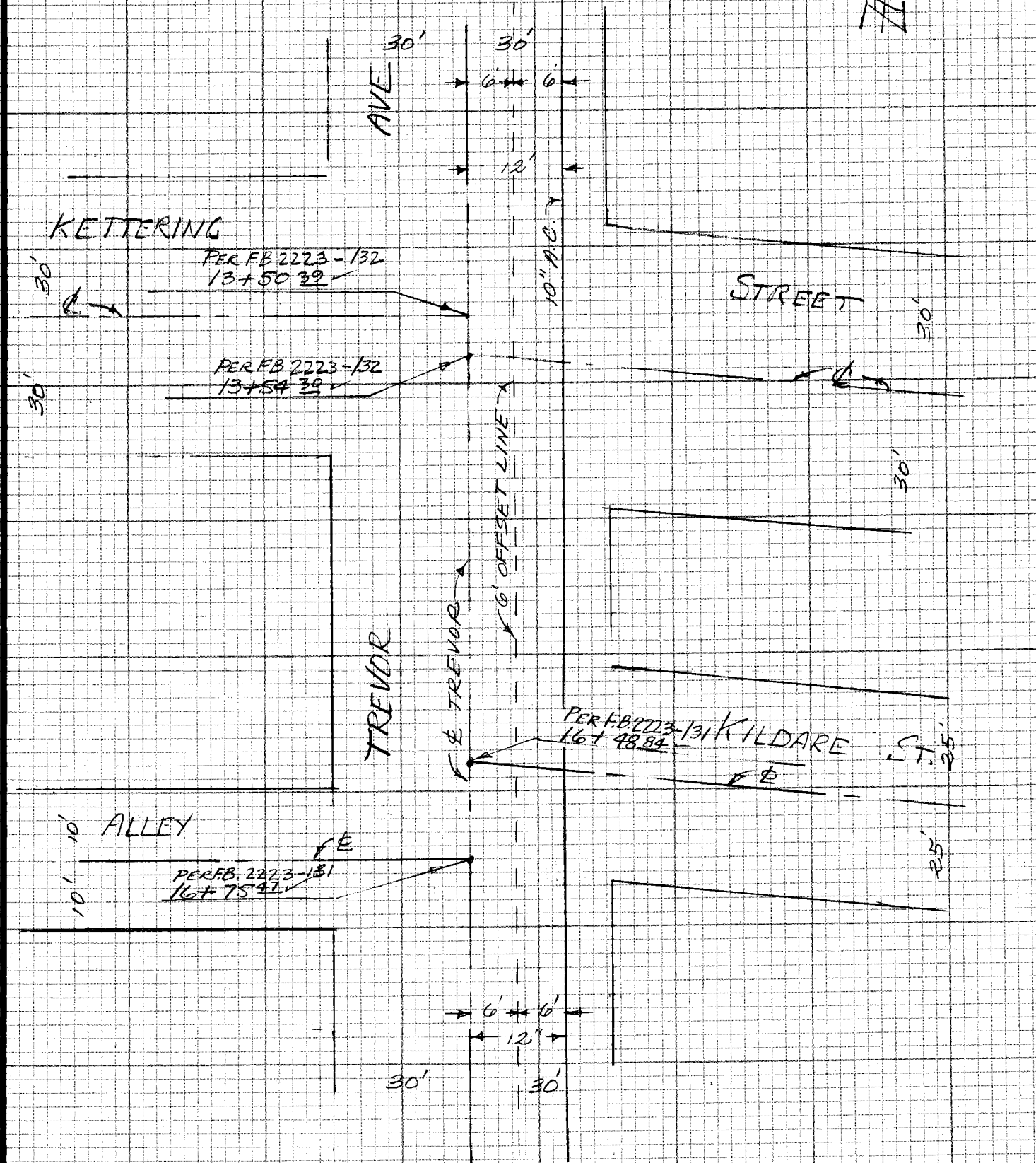
Notes Ck'd by	Survey of L.W. DIST. #4 (TREVOR AVE) F.B. 4419 PG. 29
Map No.	JN 5044.53 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes CLW/ W.A Date OCT. 78
Date	Indexed T.M. PALMER FEB 9 1979

CONT. BOT. PG. 28





CONT. TOP PG. 30

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

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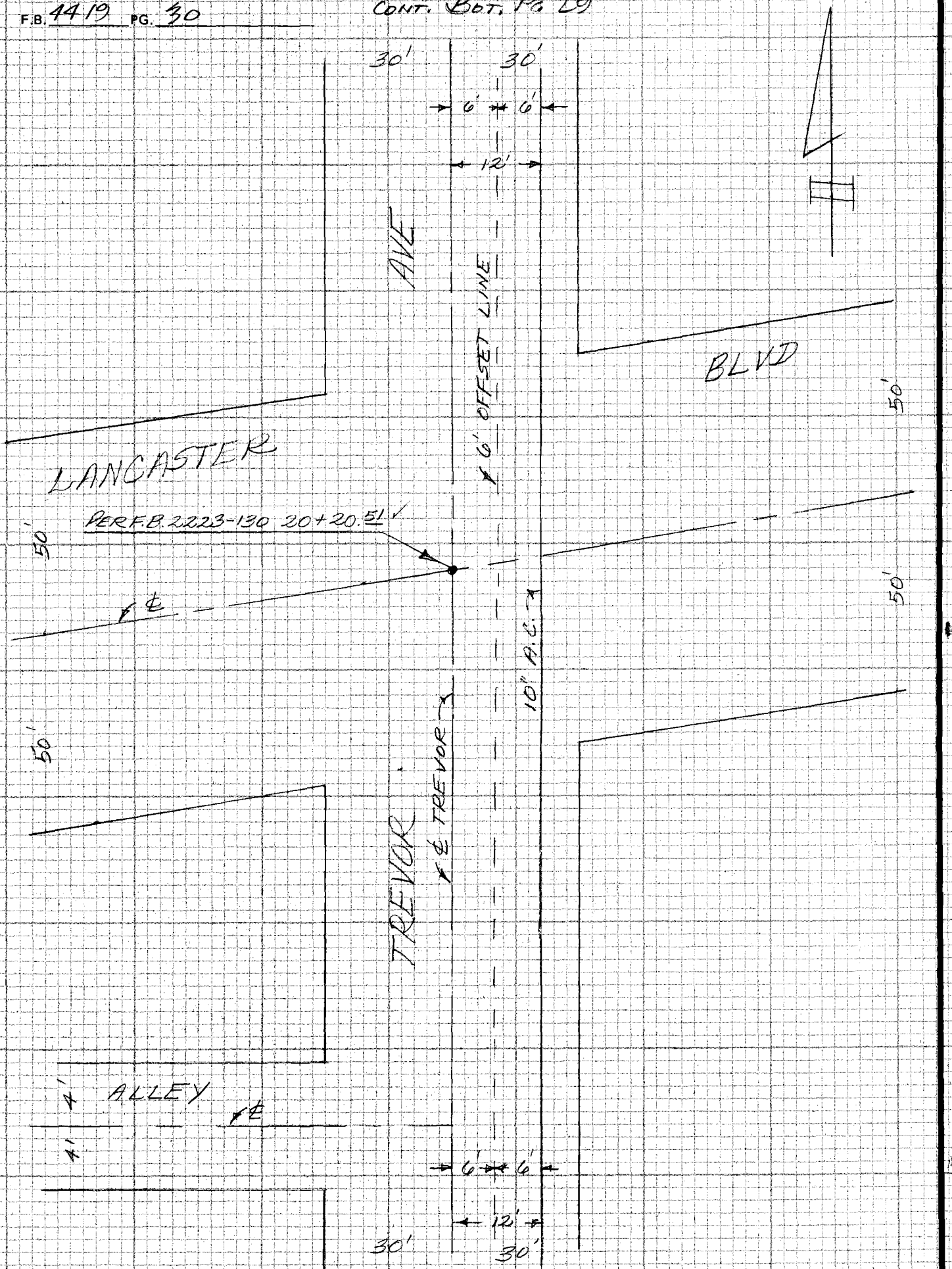
CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4419 PG. 30

CONT. BOT. P. 29



CONT. TOP P. 31

CE 310
76F3096-4/73

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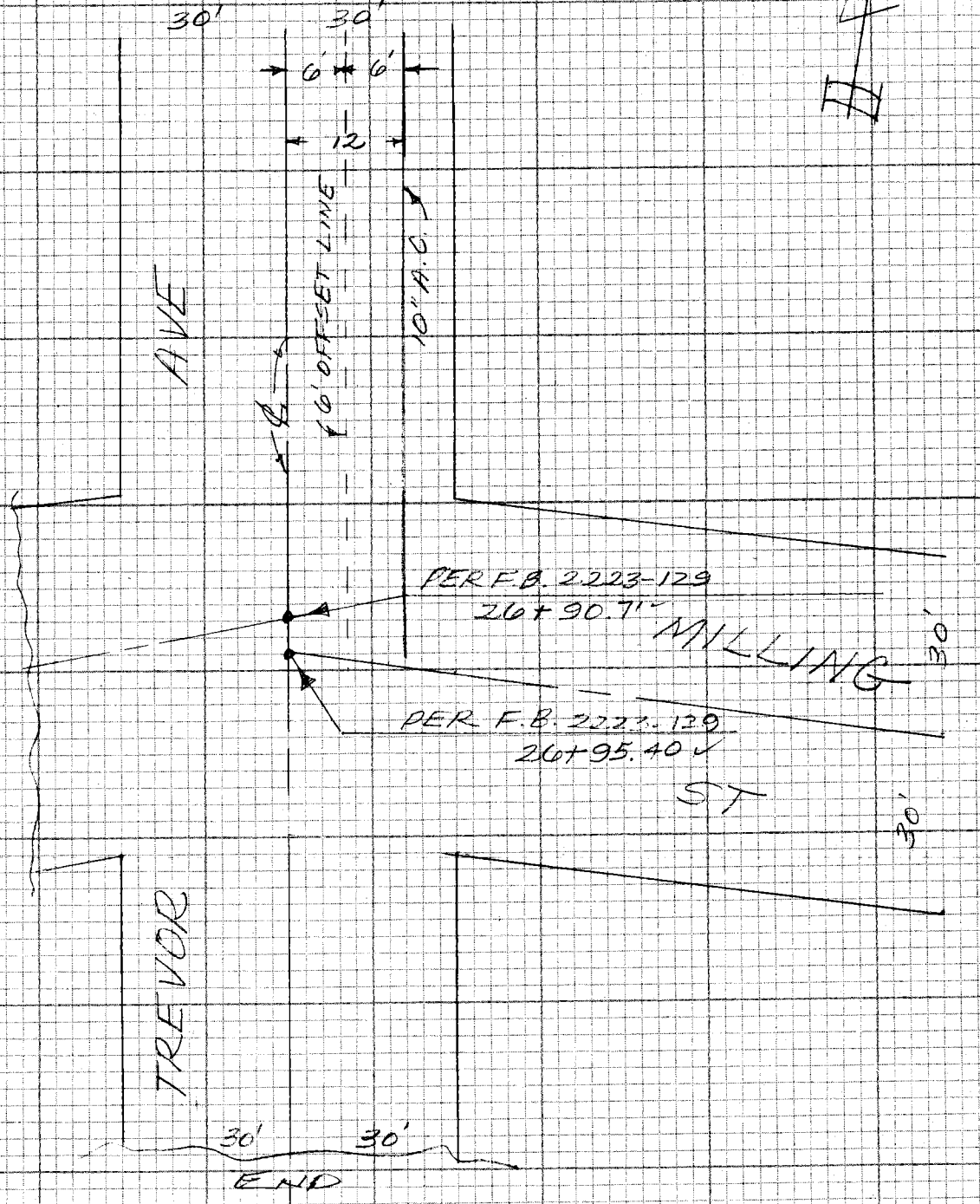
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of W.W. Dist. #4 (TREVOR AVE) F.B. 4419 PG. 31
Map No.	JN 5044.53 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W Date OCT. '78
Date	Indexed T.M. PALMERI FEB 9 1979

CONT: BOT. PG. 30



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CENTERLINE NOTES
CE 310
76F3095-4/73

CE 310
76F3095-4/73

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F.B. 4419 PG. 32

NOTES RED. _____ JOB NO. 5044.53 SURVEY OF W.W. DIST. #4 - TREVOR AVE | F.B. 4419 PG. 33

DATE _____ SURVEY BY C.L. WRIGHT

NOTES CHKD. _____ NOTES BY C.L.W. DATE 2-OCT '78

DATE _____ INDEXED _____ DATE T.M. PALMERI FEB 9 1979

WATER WORKS DISTRICT # 4
TREVOR AVE - AVE I S'LY TO MILLING ST.
J.N. 5044.53

STATION PER PLANS	B.S.	H.I.	F.S.	ELEV.	AS STAKED	EAST OR WEST	REMARKS
3+00					3+00	W.	MARKED H.C. = SERVICE CONNECTION
3+26					3+26	E	"
3+40					3+40	W	"
3+93					3+93	E	"
4+08					4+04	W	"
					4+36	E	" NOTE: NO METER INDICATED PER PLANS
4+44					4+39	W	"
4+49					4+44	W	10"x6" TEE - F.H. W. SIDE
6+56					6+55	W	10"x6" TEE - F.H. W. SIDE
7+43					7+38	W	"
7+69							NOTHING ON E. SIDE
NO SERVICE INDICATED					7+82	E	" AN EXISTING METER - E. SIDE (7+80)
8+05					8+05	W	"
8+22					8+22	E	"
8+87					8+71	W	"
9+17					9+17	E	"
9+72					9+68	E	10"x6" TEE - F.H. - E. SIDE
10+10					10+06	E	2" S.C. FOR LANCASTER INDUSTRIAL LAUNDRY
10+06					10+10	W	H.C.
11+04					11+00	E	"
11+31					11+25	W	"
11+84					11+80	E	"
12+58					12+53	W	" (2")
13+06					13+06	W	H.C.
14+04						W	N/O METER FD IN THIS VICINITY
14+17					14+11	W	H.C.
14+29					14+19	E	"
14+51					14+42	E	"
14+65					14+57	W	"
15+30					15+24	W	"
15+88					15+84	W	"
16+33					16+29	W	"
16+50					16+42	W	10"x6" TEE - F.H. W. SIDE

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4419 PG. 34

JOB NO. 5044.53 SURVEY OF W.W.DIST.#4 - TREVOR AVE. NOTES RED. _____

SURVEY BY C.L. WRIGHT DATE _____

NOTES BY C.L.W DATE 2-OCT '78 NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	
PER PLANS		AS STAKED	EAST OR WEST		REMARKS
17+26		17+13 ✓		W	MARKED H.C. = SERVICE CONNECTION
17+66		17+46 ✓		W	"
17+88		17+78 ✓	E		"
21+72		21+64 ✓		W	"
22+70		22+59 ✓		W	"
23+37		23+25 ✓		W	"
23+56		23+43 ✓		W	10" X 6" TEE F.H. W. SIDE
24+00		24+04 ✓	E		H.C. NOTE: SCALED PLUS DOES NOT CHECK F.H.
24+23		24+11 ✓		W	"
24+48		24+52 ✓	E		"
24+79		24+77 ✓		W	"
25+03		25+00 ✓		W	"
25+49		25+52 ✓	E		"
26+02		25+99 ✓		W	"

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76-L-298-CE 307-4/73

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

Notes Ck'd by	Survey of CONVERSE AVE
Map No.	JN 0889.32 Tape ——— Std ——— °F
Office Work	Surveyed by SOTRO
Checked	Notes MOODY Date 7-23-79
Date	Indexed H. HOLMAN JUL 10 1980

F.B. 4019 PG. 35

INSTALLATION OF WATER MAIN
JN. 0889.32
DISTRICT NO. 16
FLORENCE FIRESTONE WATER MAIN

CONVERSE AVE

FROM

60 TH ST. @ STA 1+08.5 TO GAGE AVE @ STA 14+58

61 ST ST. @ STA 0+88 E. TO STA 2+75

62 nd ST @ STA 0+88 E. TO STA 2+50

63 Rd ST @ STA 0+88 E. TO STA 2+45

SET SPK & T ON 100' STA. 5' RT OR W. OF CONVERSE AVE

SET SPK & T ON 61 ST ST. 0+88, 1+00, 1+50, 2+00
1X2 & T @ 2+75 (STAKE (3) 50. OR RT.)

SET SPK & T. ON 62 ND ST. 0+88, 1+00, 1+50, 2+00, 2+50
(STAKE (5) 50. OR RT.)

SET SPK & T. ON 63 RD ST. 0+88, 1+00, SET CHIS X 1+50, 2+00
2+50 STAKE (3) 50. OR RT.

REF. F.B. 2779-179-183

SOTRO
MOODY
BANKSON

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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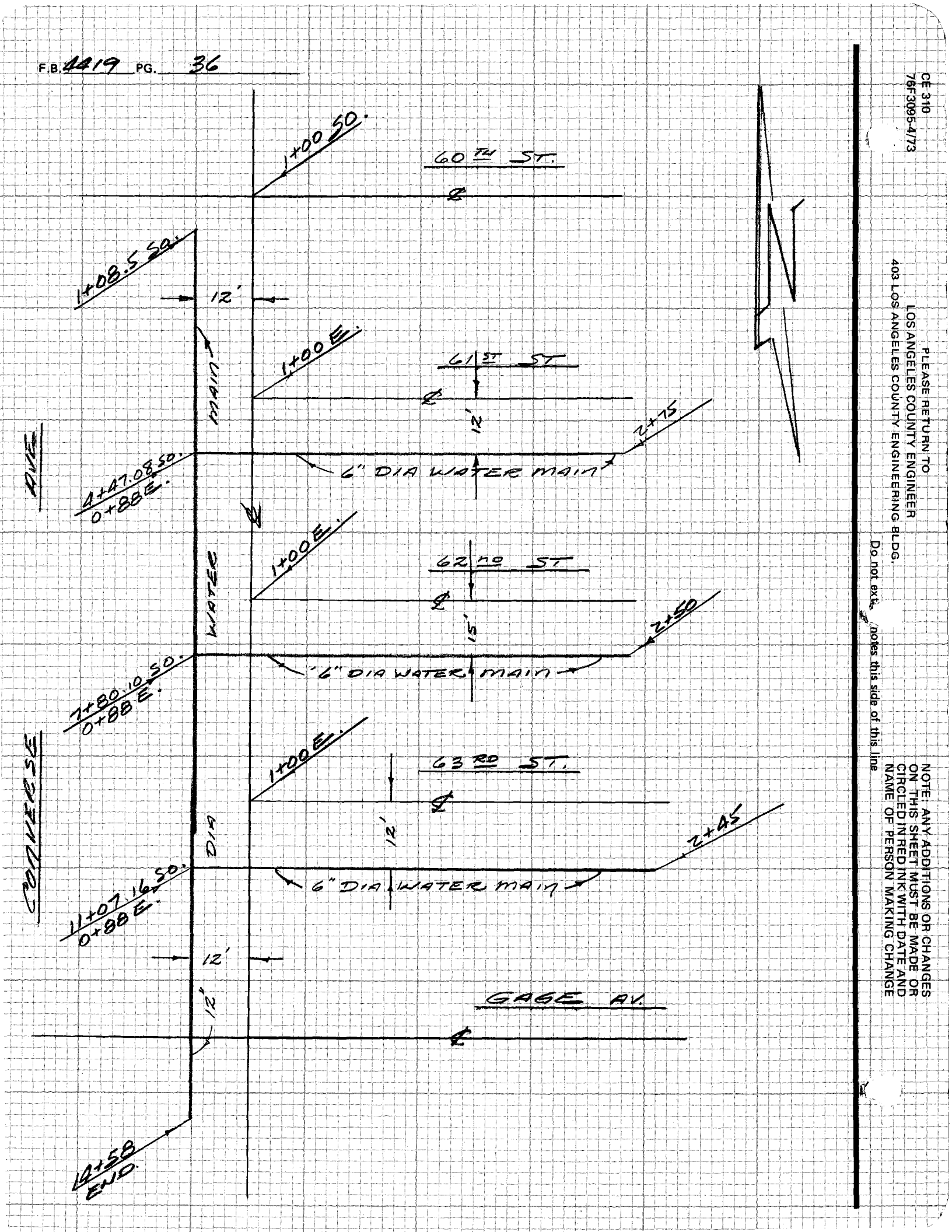
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 36



CE 310
76F3095-4/73

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Notes Ck'd by	Survey of WILLOWBROOK WATER MAIN
Map No.	JN 0889.34 Tape — Std — °F
Office Work	Surveyed by M. SOTRO
Checked	Notes M.S. Date 8-2-79
Date	Indexed H. HOLMAN JUL 10 1980

F.B. 4419 PG. 37

J.N. 0889.34

W.W. #10

WATER SYSTEM IMPROVEMENTS IN WILMINGTON AVE., WILLOWBROOK

CONSTRUCTION

NOTE: EQUATION SHOWN AT 119TH ST. DUE TO ERROR IN PLAN. SEE F.B. 2775-139

REF: SPECS. NO. 4003
F.B. 2763
F.B. 2775

SOTRO
MOODY
BANKSON

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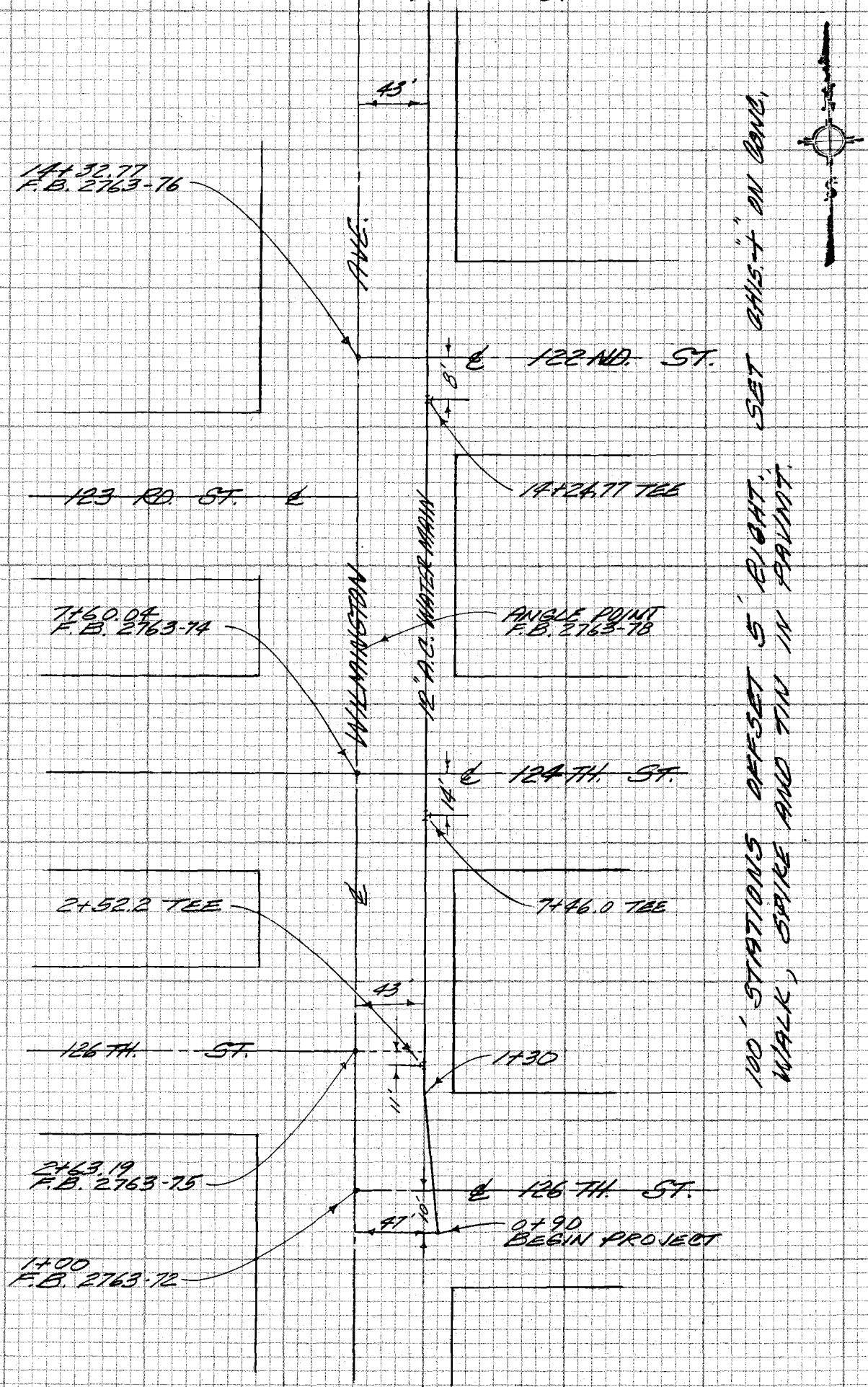
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 38 CONT. BOT. PAGE 39



CE 310
76F3095 4/73

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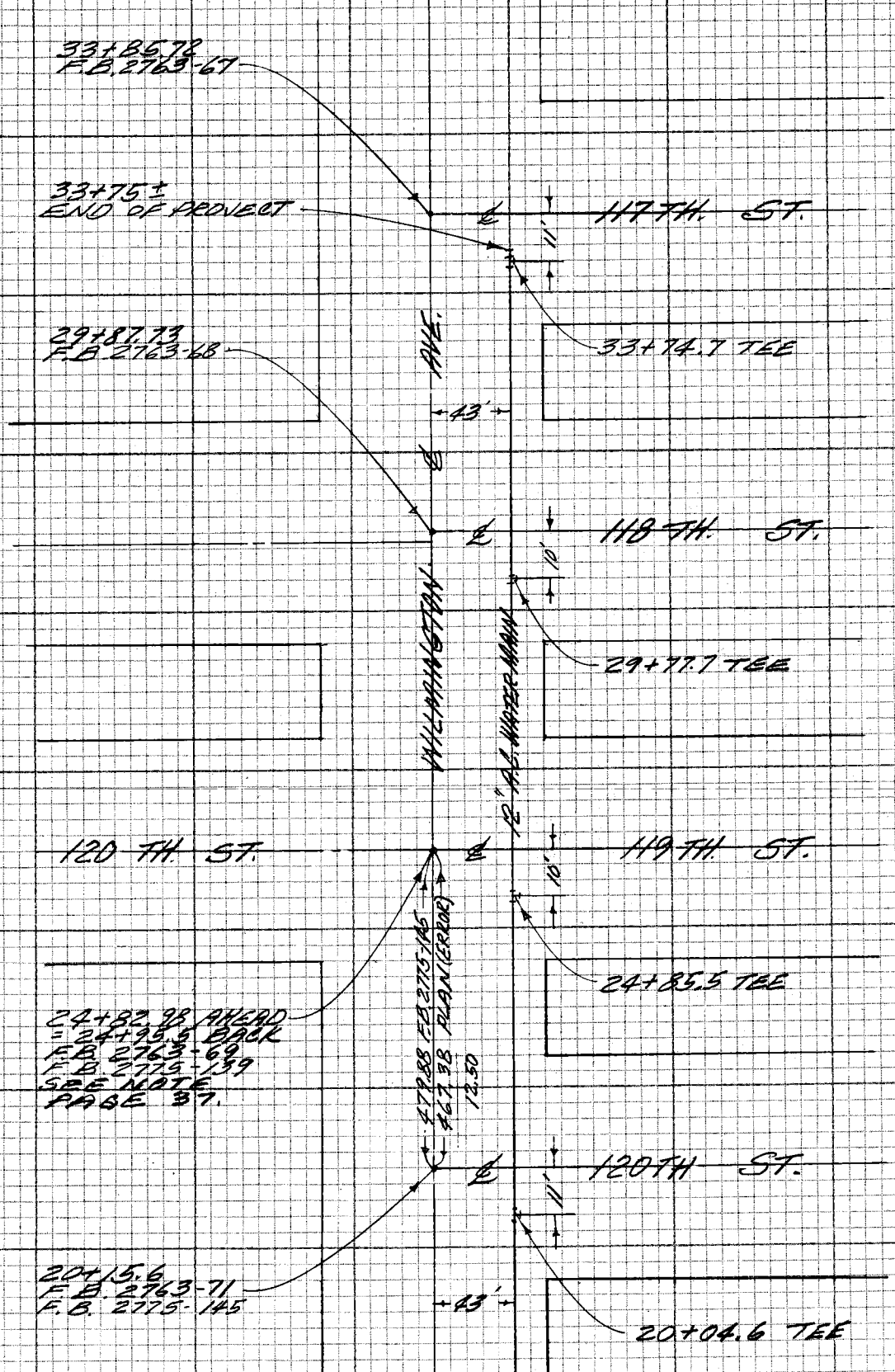
Map No.	JN 0889.34 Tape — Std — °F
Office Work	Surveyed by M. SOTRO
Checked	Notes M. S. Date 8-2-79
Date	Indexed H. HOLMAN JUL 10 1980

F.B. 4419 PG. 39



SEE NOTE PAGE 38 FOR OFFSET.

CONT. TOP PAGE 38

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CE 310
76F3095-4/73

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F.B. 4419 PG. 40

SECTION LINE

Notes Ck'd by L.F. Ramos	Survey of SEC. 30, T.5-N, R.14-W F.B. 4419 PG. 41
Map No. C.S.B. 5426 5427-142	JN 0302.01 Tape 0255 Std 60 °F
Office Work G. MASLIDA	Surveyed by M.E. WACKER
Checked R.G. HILARID	Notes M.E.W. Date DEC. 81
Date APRIL 8, 1982 & NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982

J.N. 0302.01

SECTION LINES

SEC. 30, T.5-N, R.14-W.

AND SIERRA HWY.

REF.:

F.B. 4428
F.B. 3459
F.B. 1260
F.B. 3504
F.M. 10878

PARTY:

WACKER
COBLE
FALSEY
MOODY
BANKSON

L

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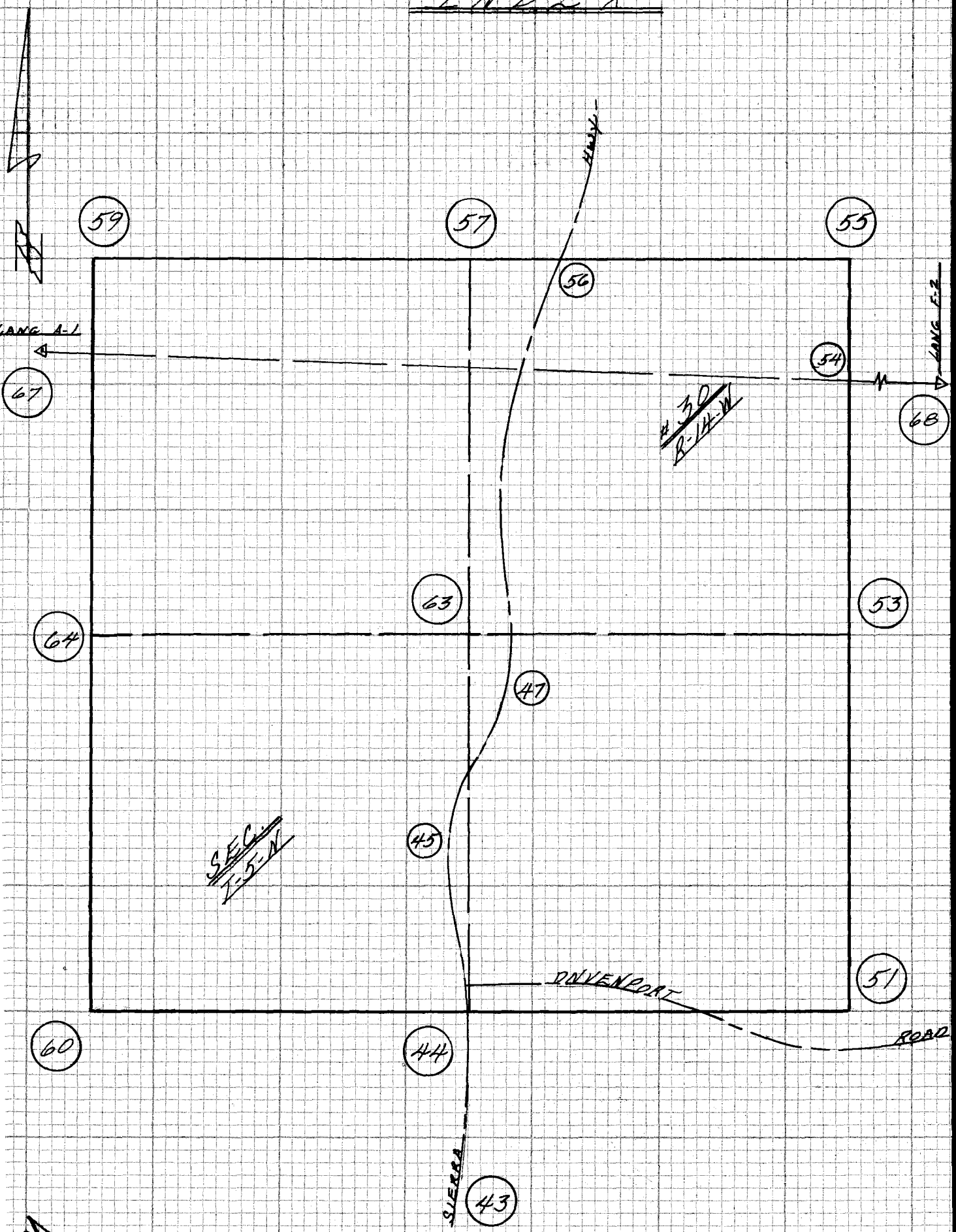
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 42

INDEX



CE 310
76F3095-73

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SECTION LINE

Notes Ck'd by L.F. RAMOS	Survey of SEC. 30, T. 5-N, R. 14-W	F.B. 4419	PG. 43
Map No. C.S.B. 542	JN 0302.01 Tape 0255 Std 68 °F		
Office Work G. MASUDA	Surveyed by M. E. WACKER		
Checked R.G. HILARIO	Notes M.E.W. Date OCT. 81		
Date APRIL 8, 1982 NOV 2, 1982	Indexed H. HOLMAN JAN 13 1982		

BTM. PG-44

FD. N.+TIN UP 3FT IN P.P. # 559546-E PER F.B. 3504-73

239.06

HWY.

67.84

40.94

FD. N.+TIN UP 3FT IN P.P. #6189 HG-H PER. F.B. 3504-73

FD. STATE R.W. MON. & COPPER WIRE IN CTR. DN. 4" PER. F.B. 1260-27

90°

50.00

50.00

FD. STATE R.W. MON. TOP BROKEN OFF. SET L+T. & L.A. CO. ENGR. TAC IN SAME DN. 12" PER. F.B. 1260-27

.04

68.06

B.C. SET BT. SPK. W.+TIN FLUSH IN PVMT. 0.04 EAST OF CUT SPK. + AT 90° TO R.W. MON F.B. 1260-27. HELD FOR LINE

FD. CUT SPK. + W. DN. 5" IN CONC. ROAD BED PER. F.B. 1260-27

FD. CHIS. 'X' ON TOP OF CONC. FENCE POST PER F.B. 3504-73

E.D.M.

239.08 @ 90°48'30"
= 239.06

1186.62 @ 91°05'20"
= 1186.41

1186.41

SILEARA

FD. N.+TIN UP 4FT IN P.P.# 1123485-E PER. F.B. 3504-72

106.99

E.C. FD. CUT SPK. + W. DN. 6" IN CONC. ROAD BED PER. F.B. 1260-27

E.C. SET BT. SPK. W.+TIN FLUSH IN PVMT. 0.04 WEST OF CUT SPK. PER. F.B. 1260-27 HELD FOR LINE.

.04

54.63

FD. N.+TIN UP 2FT. IN T.P. #6198 39-H F.B. 3504-72

150.25

FD. N.+TIN UP 3FT IN P.P.# 1123486-E PER. F.B. 3504-72

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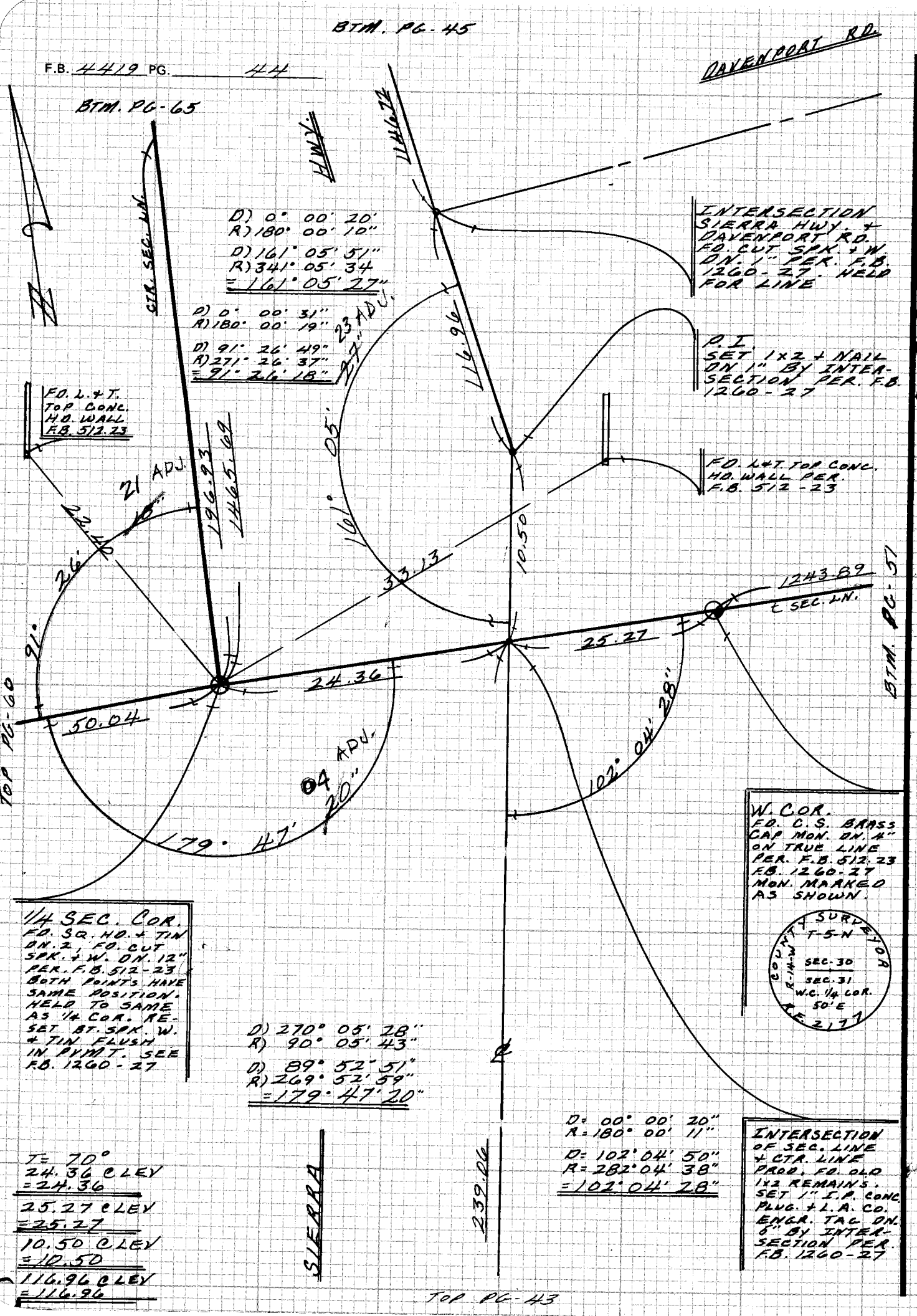
CE 310
76F3095-4/73

BTM. PG-45

F.B. 4419 PG. 44

BTM. PG-65

DAVENPORT RD.



TOP PG-43

CE 310
76F3095-4/73

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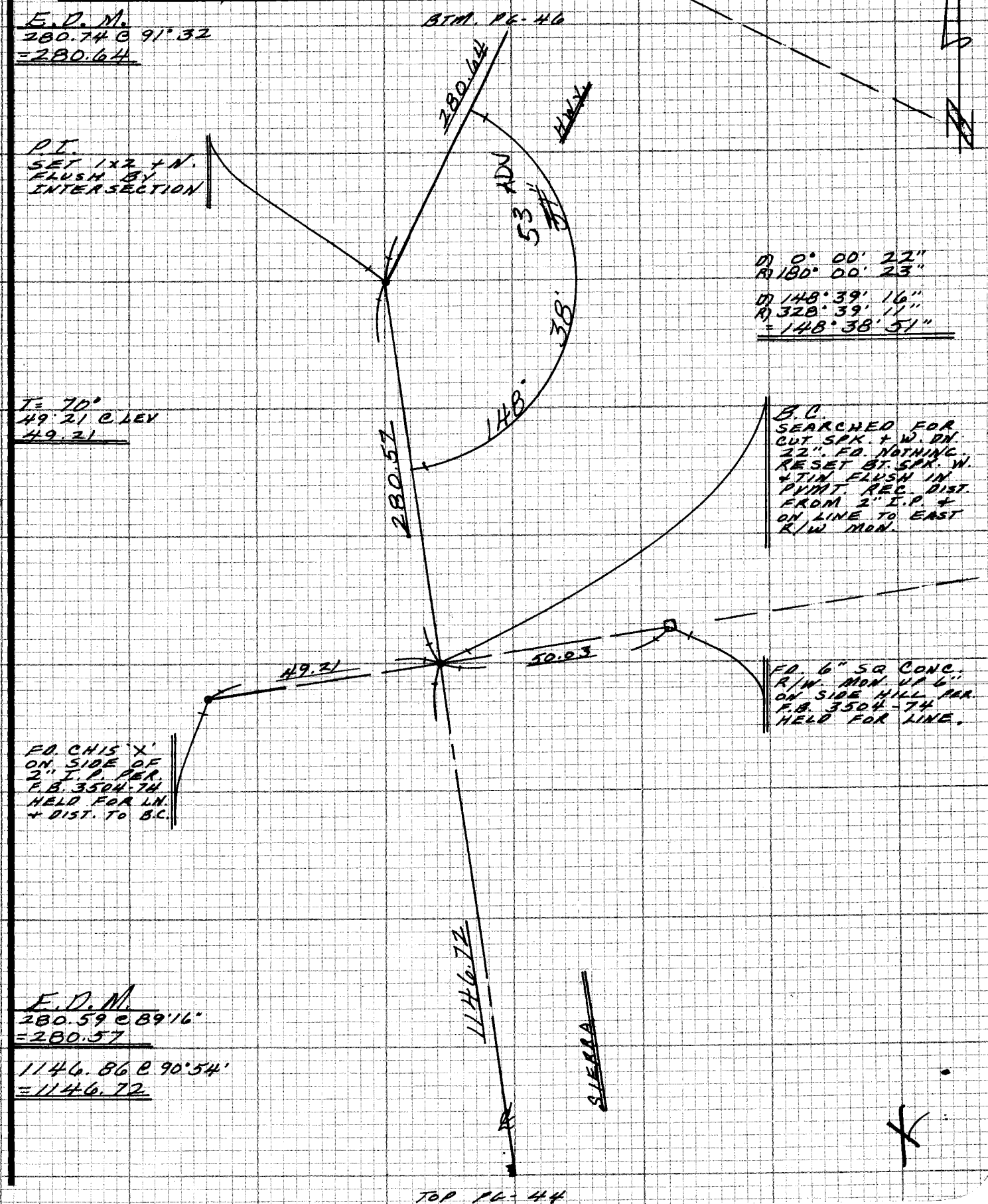
SECTION LINE

Notes Ck'd by LF Ramos	Survey of SEC-30, T-5-N, R-14-W. F.B. 4419 PG. 45
Map No. C.S.B. 5426 + 5427-1+2	JN 0302.01 Tape _____ Std _____ °F
Office Work G. MASUDA	Surveyed by M. E. WACKER
Checked R.G. HILARIO	Notes M.E.W. Date OCT-81
Date APRIL 8, 1982 + NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982



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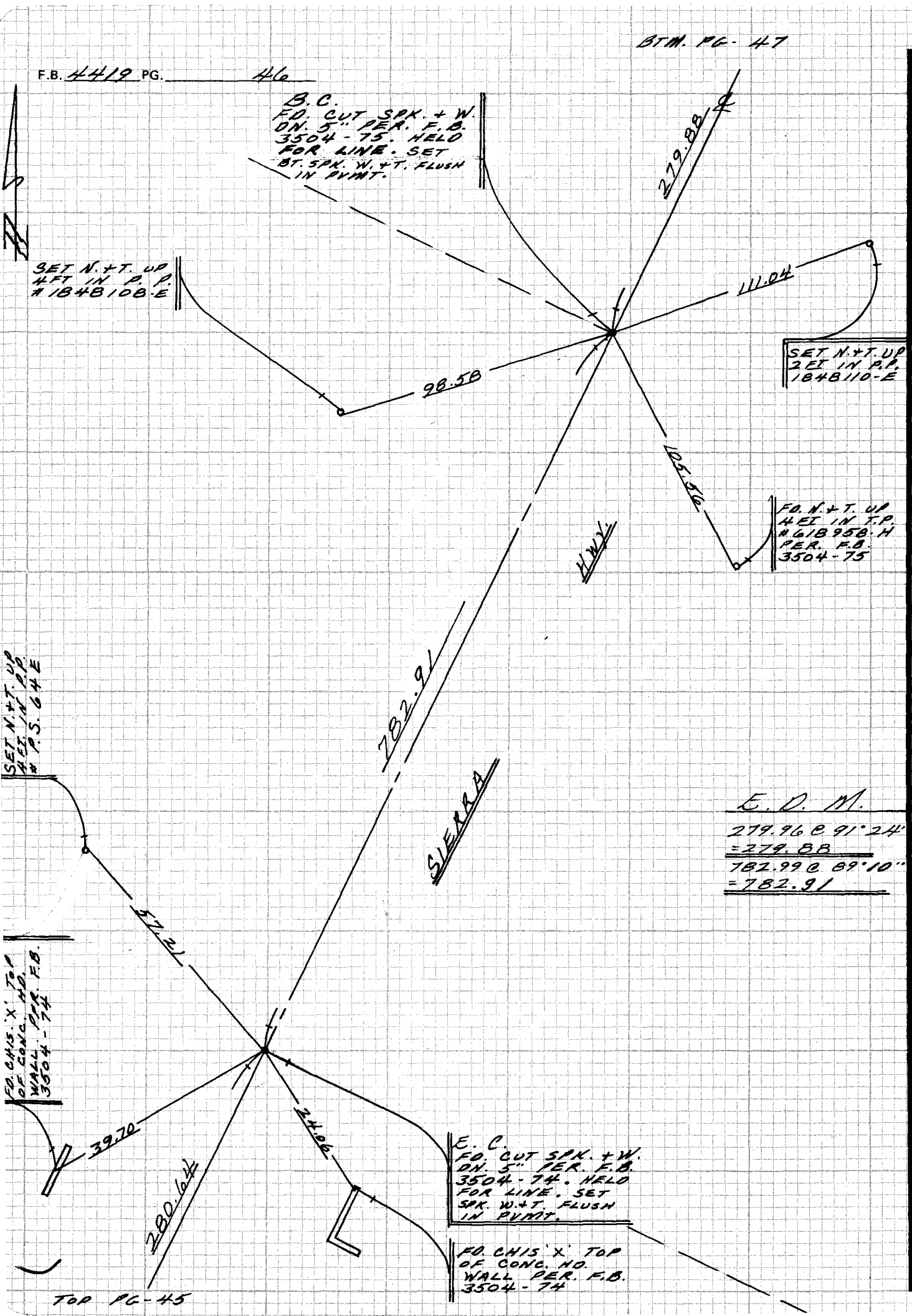
CENTERLINE NOTES
CE 310
76F3095-4/73

BTM. PG. 47

F.B. 4419 PG. 46



E. D. M.

279.96 @ 91° 24'
= 279.88

782.99 @ 89° 10"
= 782.91

TOP PG. 45

CE 310
76F3095-4/73

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SECTION LINE

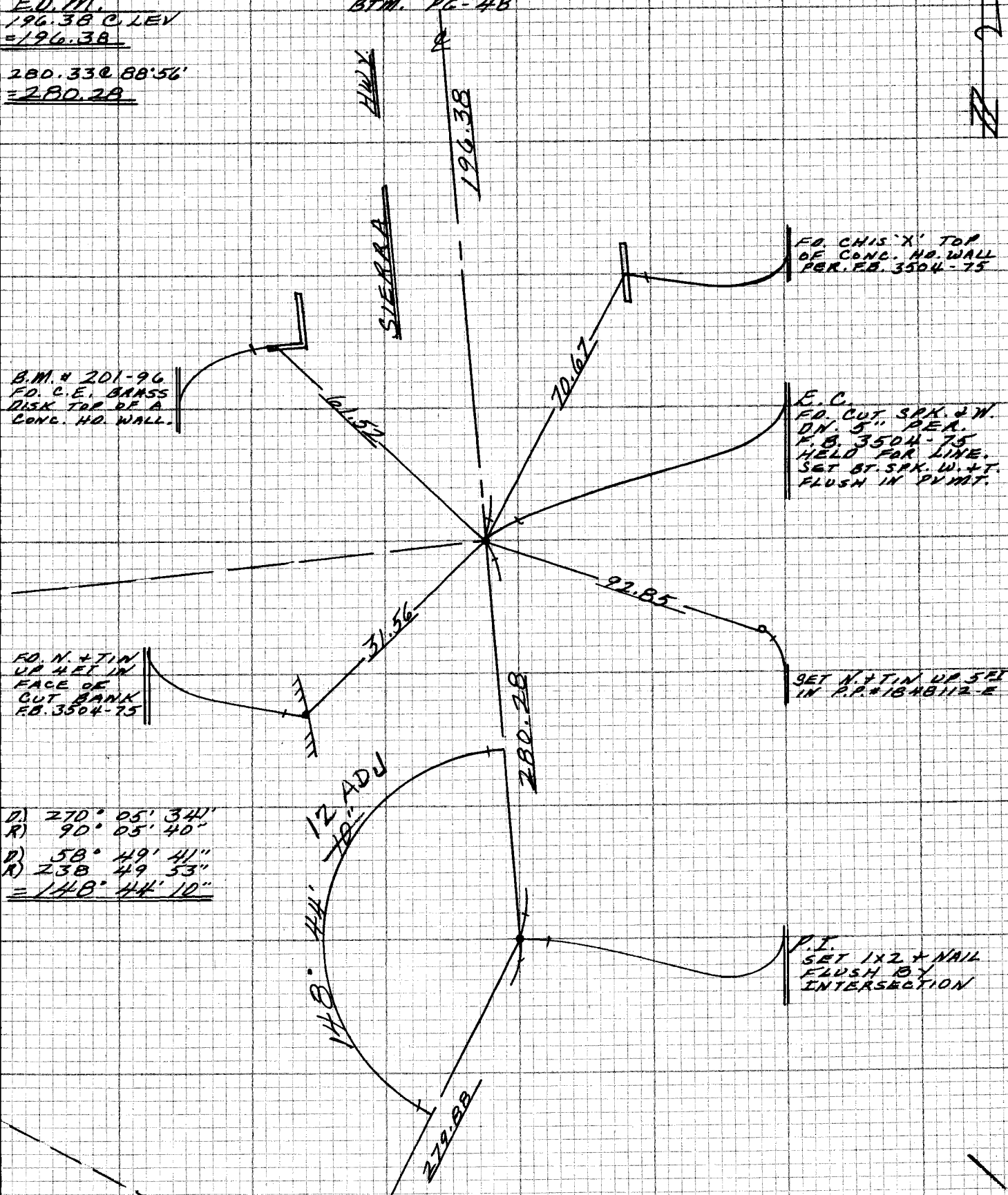
Notes Ck'd by L.F. Ramos	Survey of SEC-30, T-5-N, R-14-W
Map No. C.S.B. 5426 + 5427-1 #2	JN 0302.01 Tape ____ Std ____ °F
Office Work G. MASUDA	Surveyed by M.E. WACKER
Checked R.G. HILARIO	Notes M.E.W. Date OCT-81
Date APRIL 8, 1982 ← NOV 2, 1982	Indexed J.H. HOLMAN JAN 13 1982

F.B. 4419 PG. 47

E.O.M.
196.38 @ LEV
=196.38

280.33 @ 88°56'
=280.28

BTM. PG-48



D) 270° 05' 34"
R) 90° 05' 40"

D) 58° 49' 41"
R) 238 49 53"
=148° 44' 10"

TOP PG-46

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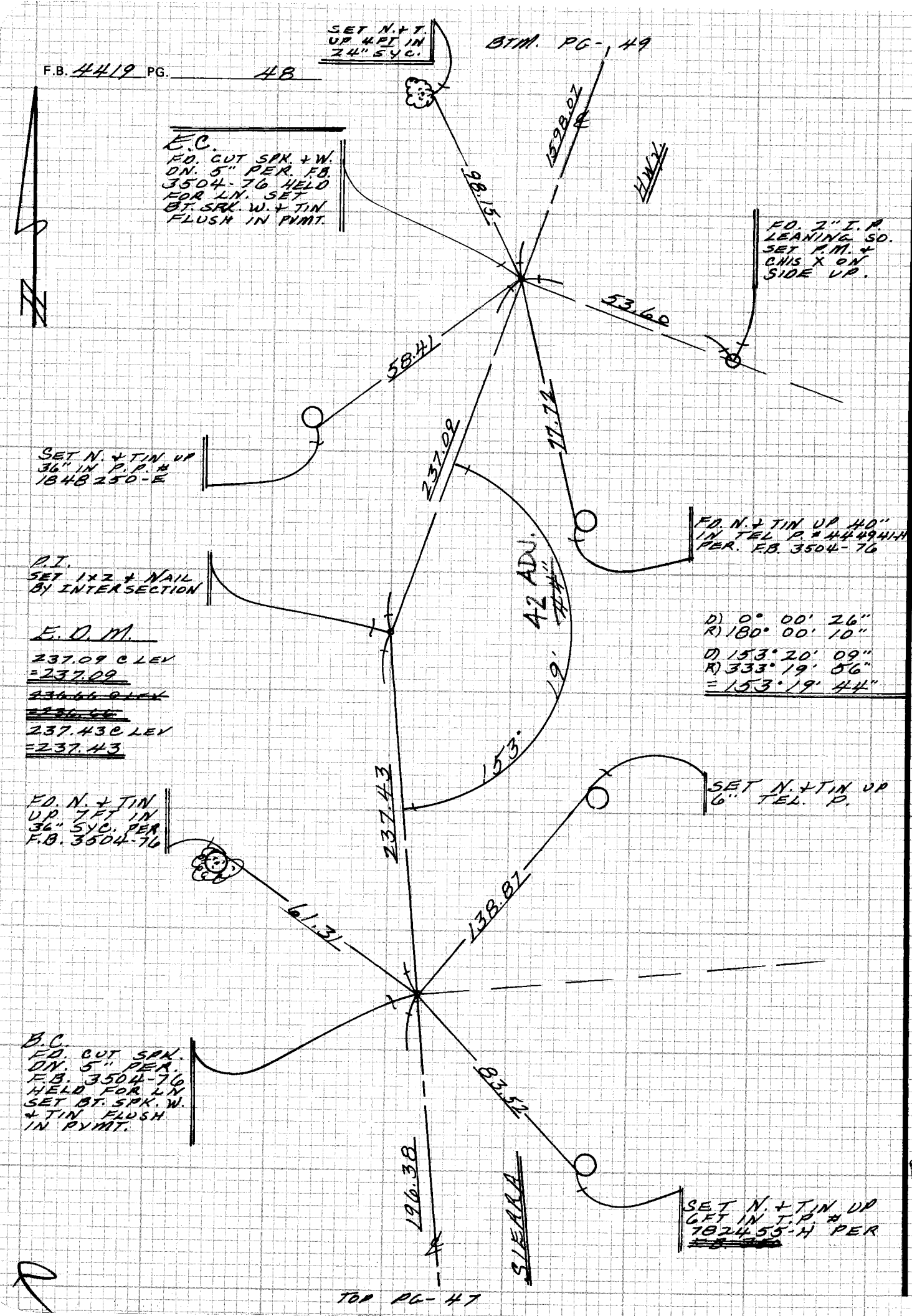
CE 310
76F3095-4/73

F.B. 4419 PG. 48



CE 310
76F3095-4/73

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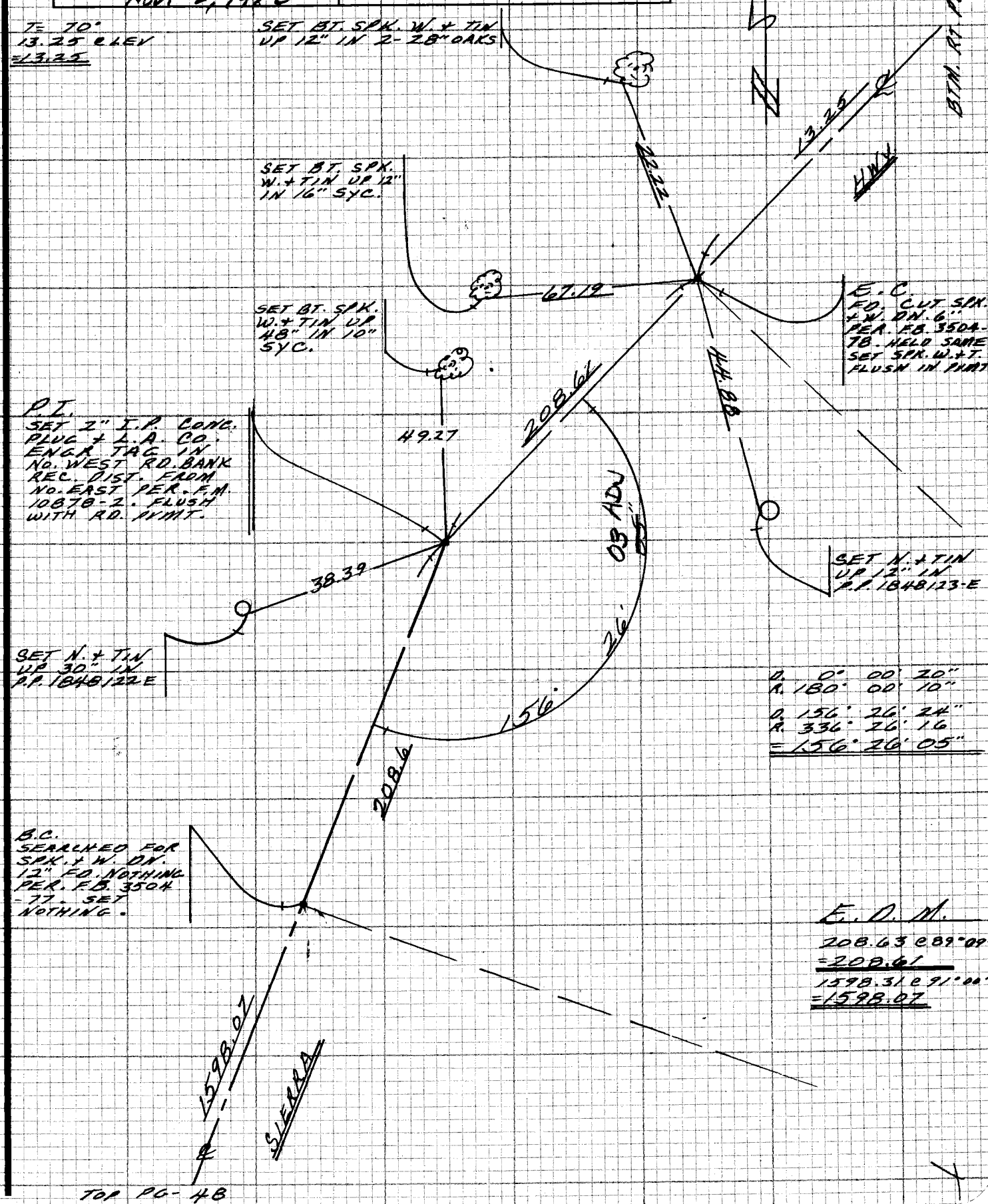
SECTION LINE

Notes Ck'd by L. F. Ramos	Survey of SEC. 30, T-5-N, R-14-W	F.B. 4419 PG. 49
Map No. CSB 5426 + 5427-1+2	JN 0302.01 Tape 0255 Std 68 °F	
Office Work G. MASUDA	Surveyed by M. E. WACKER	
Checked R. G. HILARIO	Notes M. E. W. Date NOV-81	
Date APRIL 8, 1982 + NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982	



TOP PG-48

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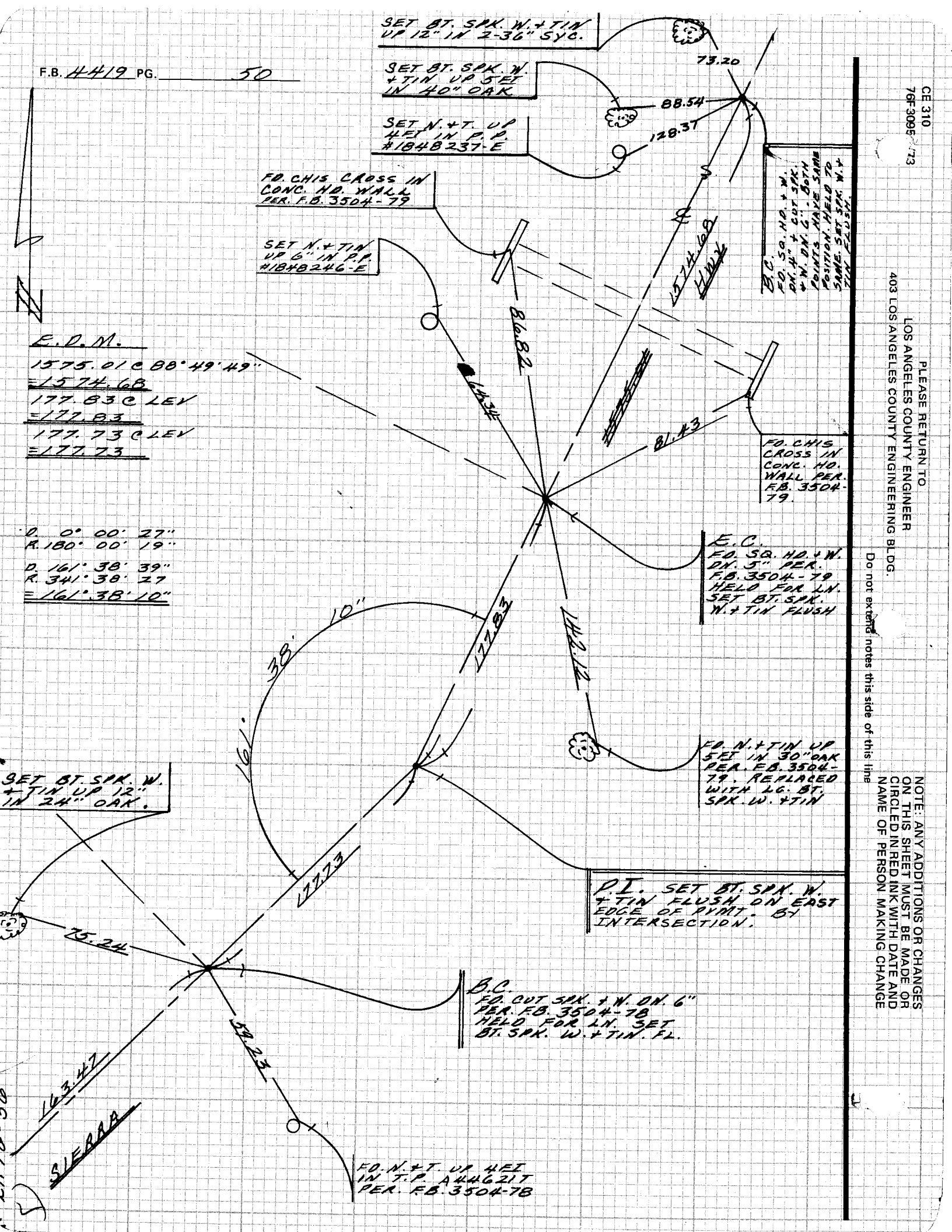
CE 310
76F3095-4/73

F.B. 4419 PG. 50



CE 310
76F 3095 73

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SECTION LINE

Notes Ck'd by L.F. Ramos	Survey of SEC. 30, T-5-N, R-14-W
Map No. CSB 5406 + 5927 142	JN 0302.01 Tape ____ Std ____ F.
Office Work G. MASUDA	Surveyed by M.E. WACKER
Checked R.G. HILARIO	Notes M.E.W. Date OCT-81
Date APRIL 8, 1982 NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982

F.B. 4419 PG. 51

E. D. M.

251.54 @ 105° 35' 10"
= 242.29

1968.92 @ 94° 28' 45"
= 1962.91

SECTION COR.
FD. C.S. BRASS
CAP MON. UP 3"
UNDER BARB WIRE
FENCE. MON. IS
MARKED AS SHOWN.
SEE FB. 4428. 7
FB. 512 - 67

SURVEYORS T-5-N R-14-W SEC. 30 | 29 31 | 32 COR. U.S.G.L.O. MONUMENT

1962.91

242.29

SEC. LINE

BTM. PG. 52

38 ADV.

58'

89°

1443.90

DRAW

LINE PADD
SET 1X2 + NAIL
ON NO. BURM
DAVENPORT R

FOUND FLOOD CONTROL DISK SET IN 2" I.P. FLUSH ON NORTH EDGE OF DIRT RD. A 2" MAK. PIPE SET WEST.

0.20

1) 89 - 58 - 50
4) 359 - 53 - 10
6) 179 - 52 - 30
= 89° 58' 45"

DIRT RD.

1243.89

SEC. LINE

E. D. M.

1443.90 @ LEY
= 1443.90

1251.37 @ 96° 16'
= 1243.89

RT. PG. 44

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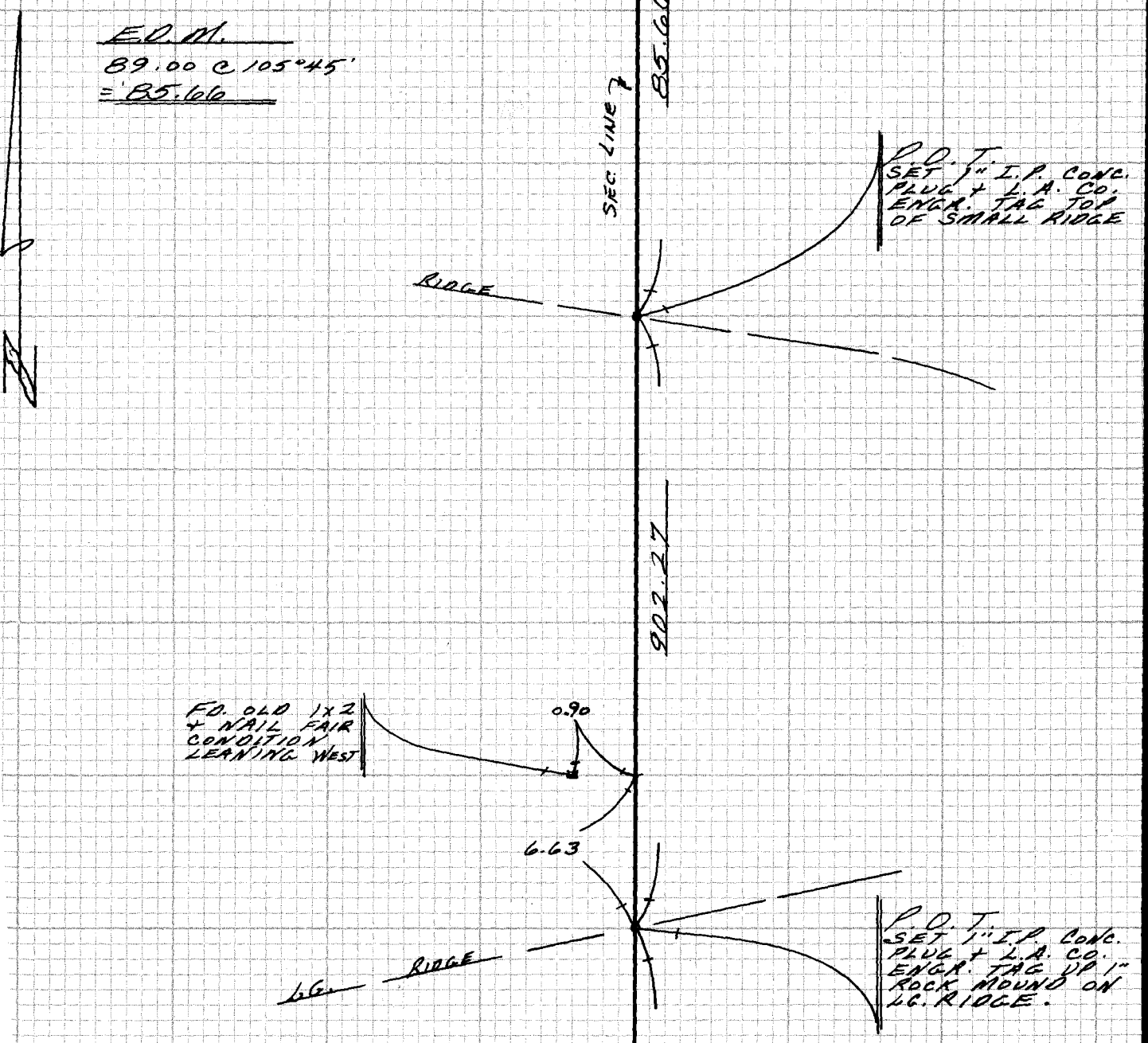
CE 310
76F3095-4/73

BTM. PG- 53

F.B. 4419 PG. 52

E.O.M.
89.00 @ 105°45'
= 85.66



E.O.M.
902.27 @ 90° 05'
= 902.27

LT. PG- 51

CE 310
76F309E '73

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SECTION LINE

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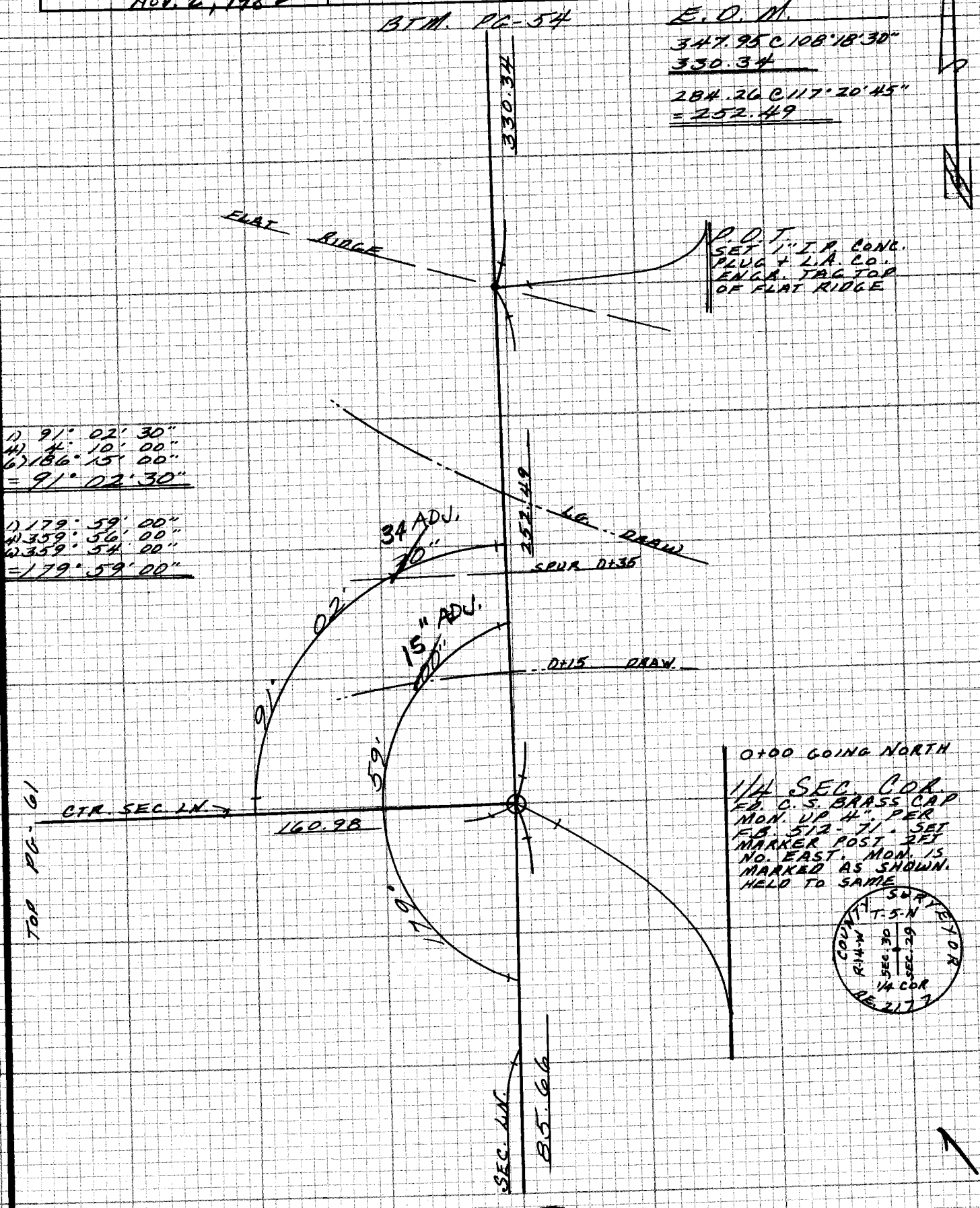
Map No. CSB 5426 + 5427 #2	JN 0302.01 Tape _____ Std _____ °F
Office Work G. MASUDA	Surveyed by M.E. WACKER
Checked RG HILARIO	Notes M.E.W. Date OCT-81
Date APRIL 8, 1982 + NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982

F.B. 4419 PG. 53



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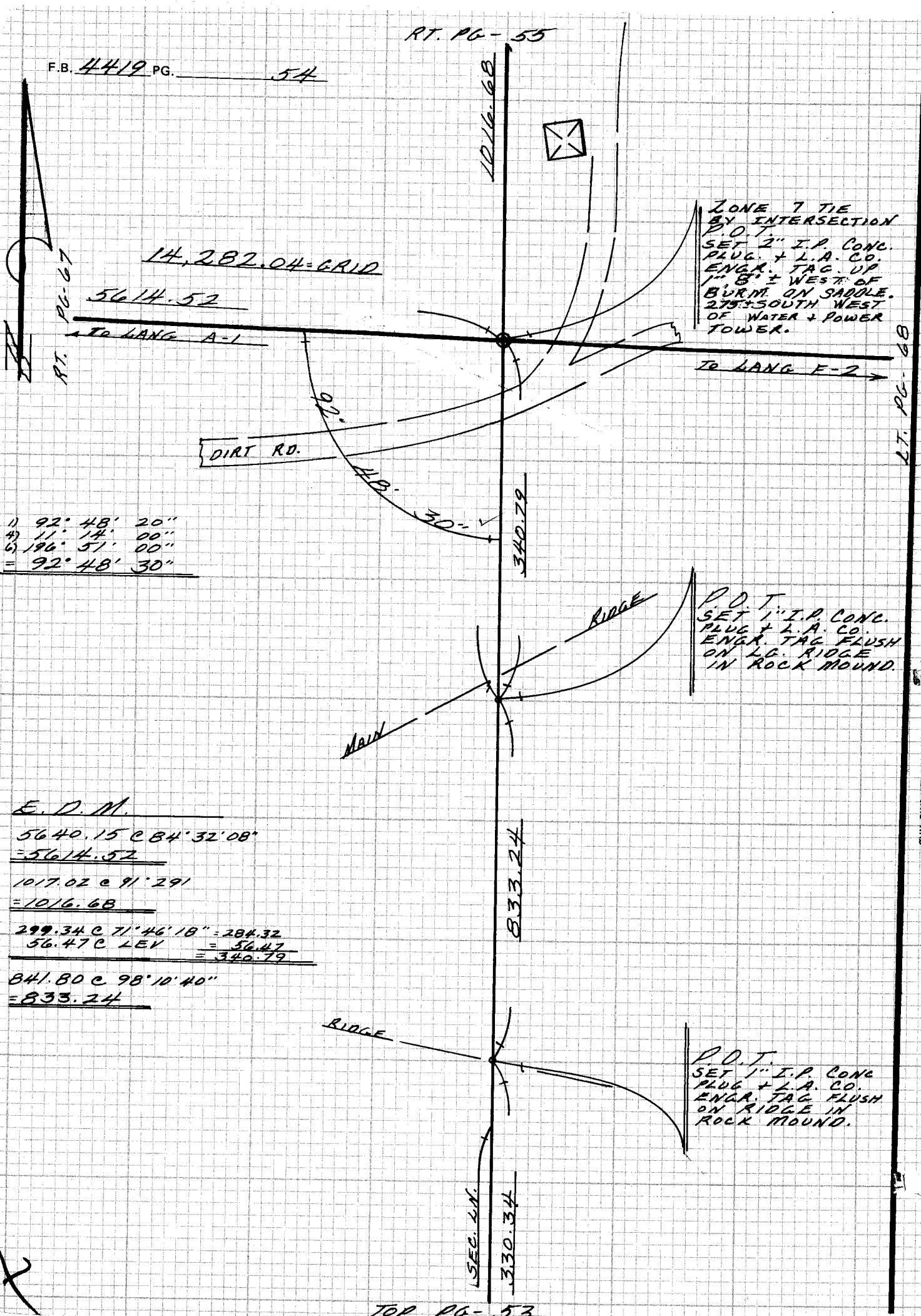
F.B. 4419 PG. 54

RT. PG - 55



1) 92° 48' 20"
4) 11° 14' 00"
6) 196° 51' 00"
= 92° 48' 30"

E.D.M.

5640.15 C 84° 32' 08"
=5614.52

1017.02 C 91° 29'
=1016.68

299.34 C 71° 46' 18" = 284.32
56.47 C ⊥ EV = 56.47
= 340.79

841.80 C 98° 10' 40"
=833.24

TOP PG-53

CE 310
76F3095-A/73

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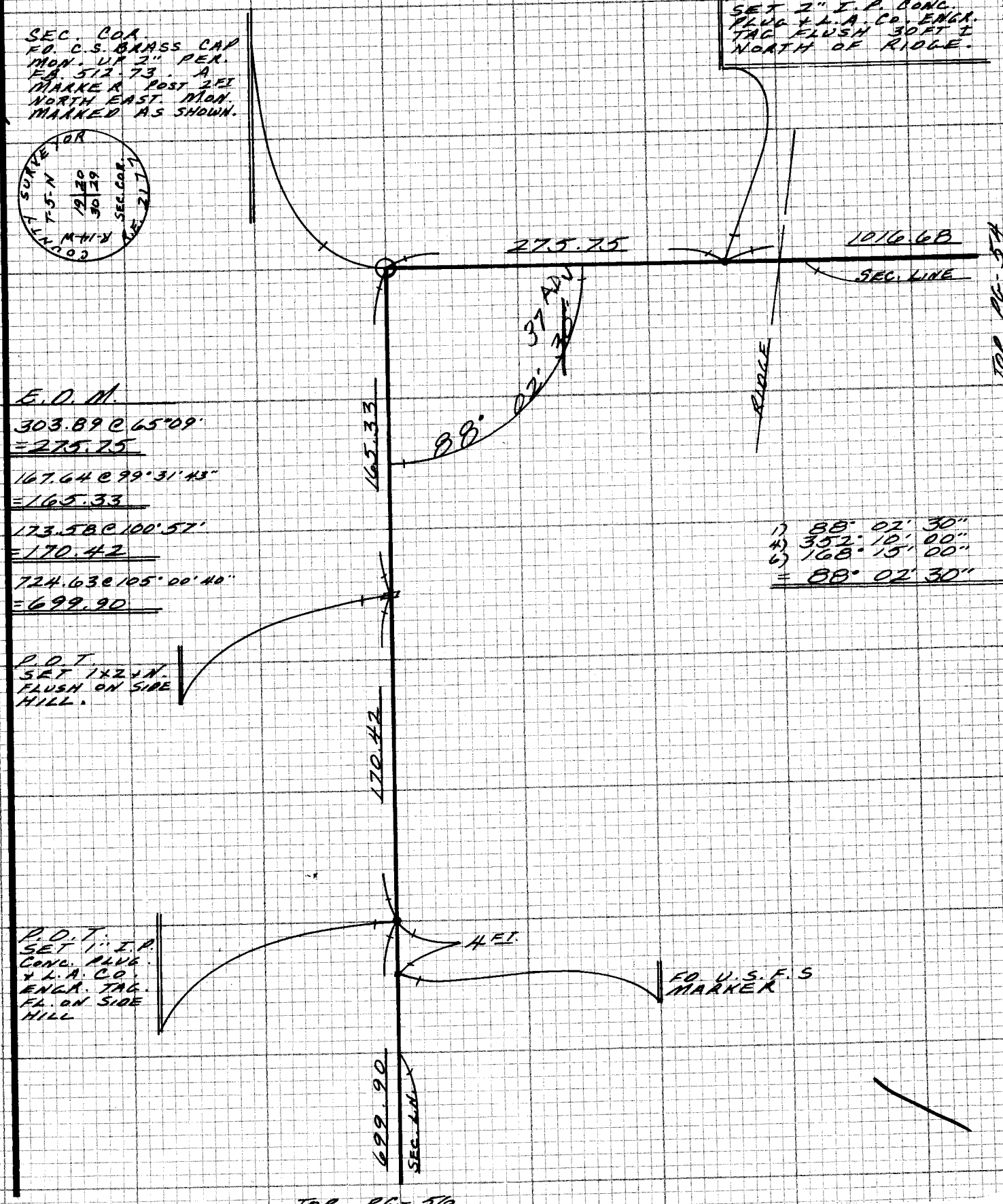
SECTION LINE

Notes Ck'd by LF Ramos	Survey of SEC-30, T-5-N, R-14-W
Map No. CSB 5426 + 5427 1+2	JN 0302.01 Tape 0255 Std 68 °F
Office Work G. MASUDA	Surveyed by M.E. WACKER
Checked RG HILARIO	Notes M.E.W. Date OCT-81
Date APR 8, 1982 + NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982

F.B. 4419 PG. 55



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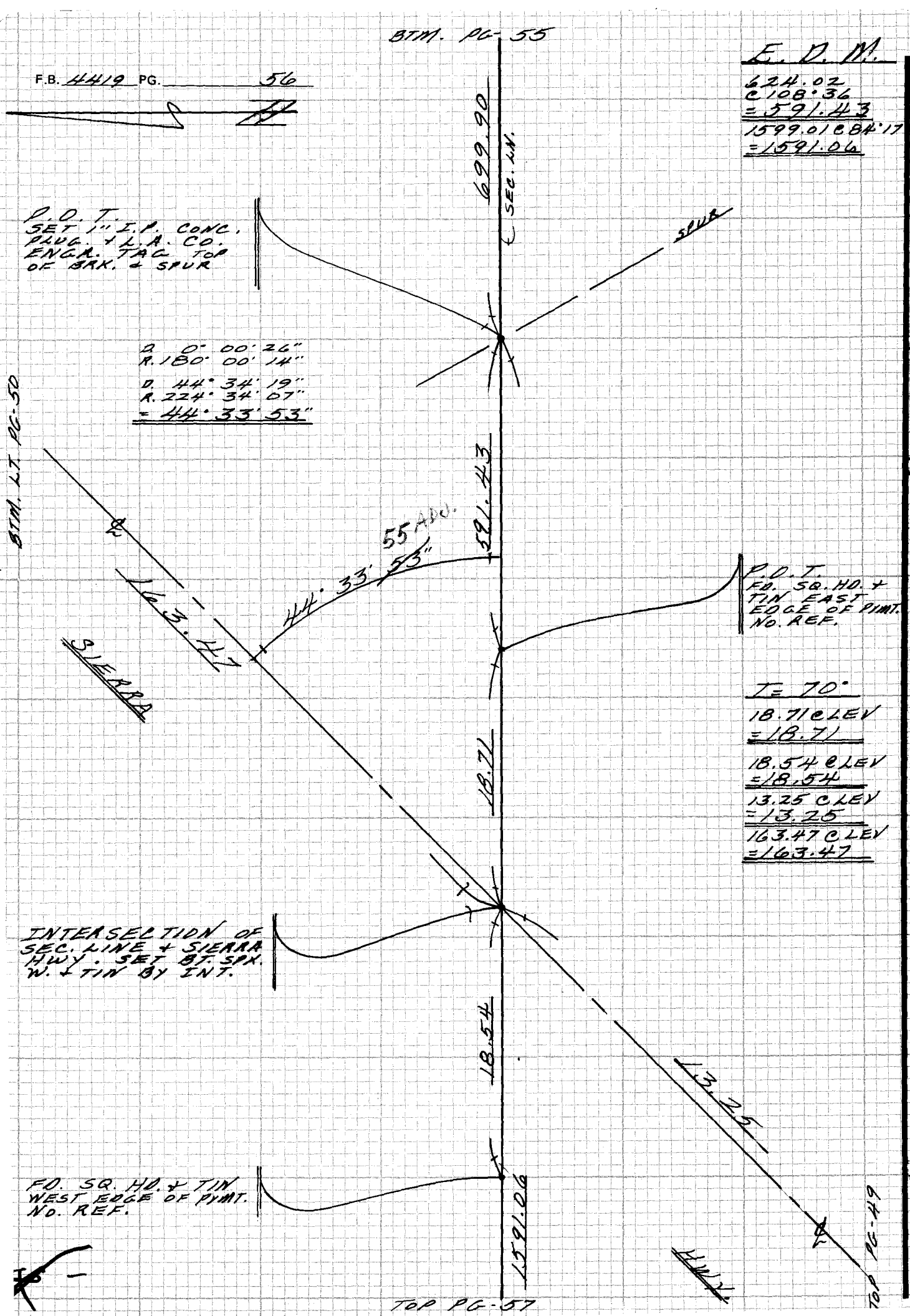
76F3095-4/73



CE 310
76F3095-4/73

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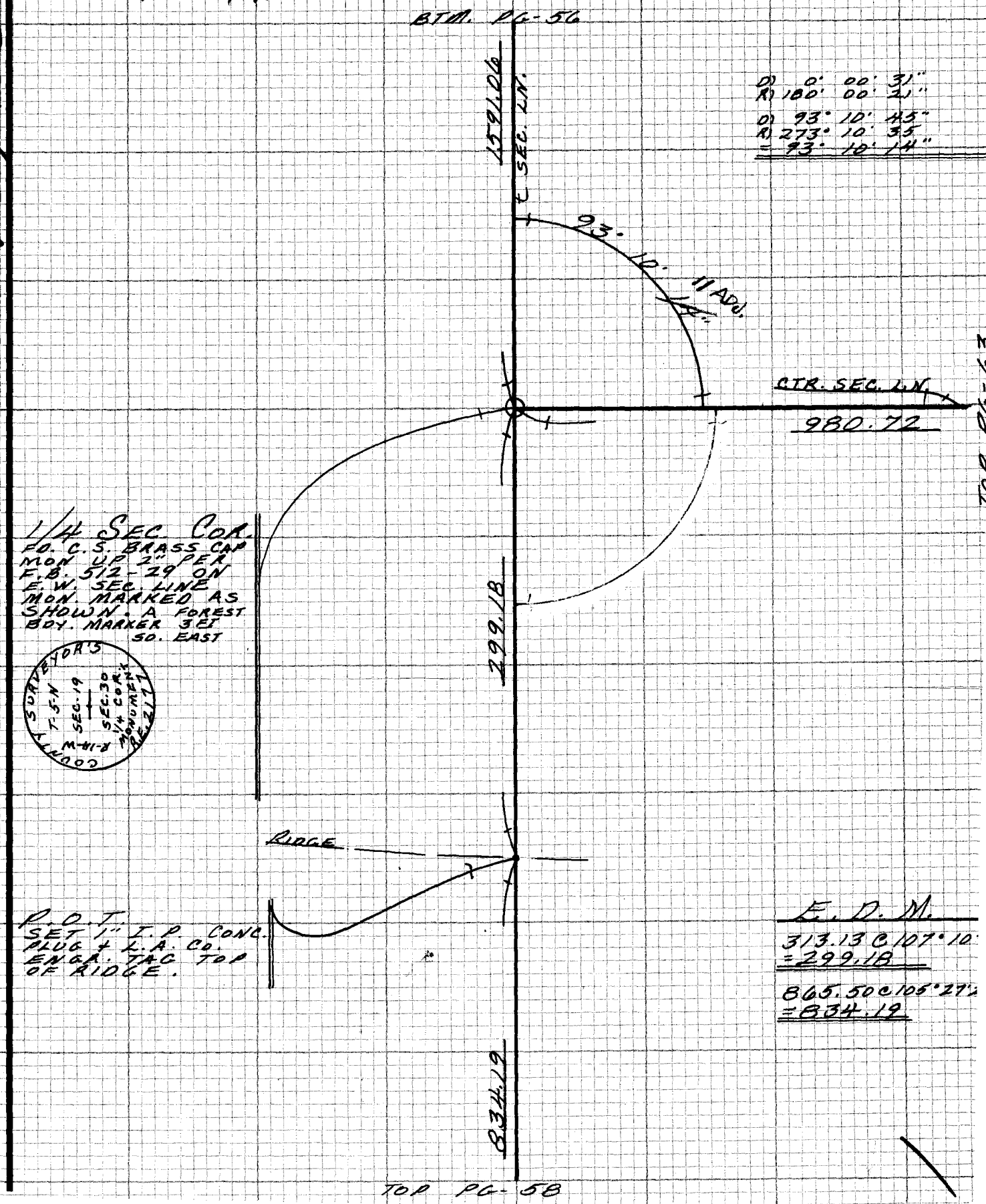
SECTION LINE

Notes Ck'd by LF Ramos	Survey of SEC. 30, T-5-N, R-14-W. F.B. 4419 PG. 57
Map No. GSB 5426 +5427 -1+2	JN 0302.01 Tape ____ Std ____ °F
Office Work G. MASUDA	Surveyed by M.E. WACKER
Checked R.G. HILARIO	Notes M.E.W. Date OCT - 81
Date APR 8 1982 + NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982



D) 0° 00' 31"
R) 180° 00' 21"

D) 93° 10' 45"
R) 273° 10' 35
= 93° 10' 14"

E.D.M.

313.13 @ 107° 10'
= 299.18

865.50 @ 105° 27'
= 834.19

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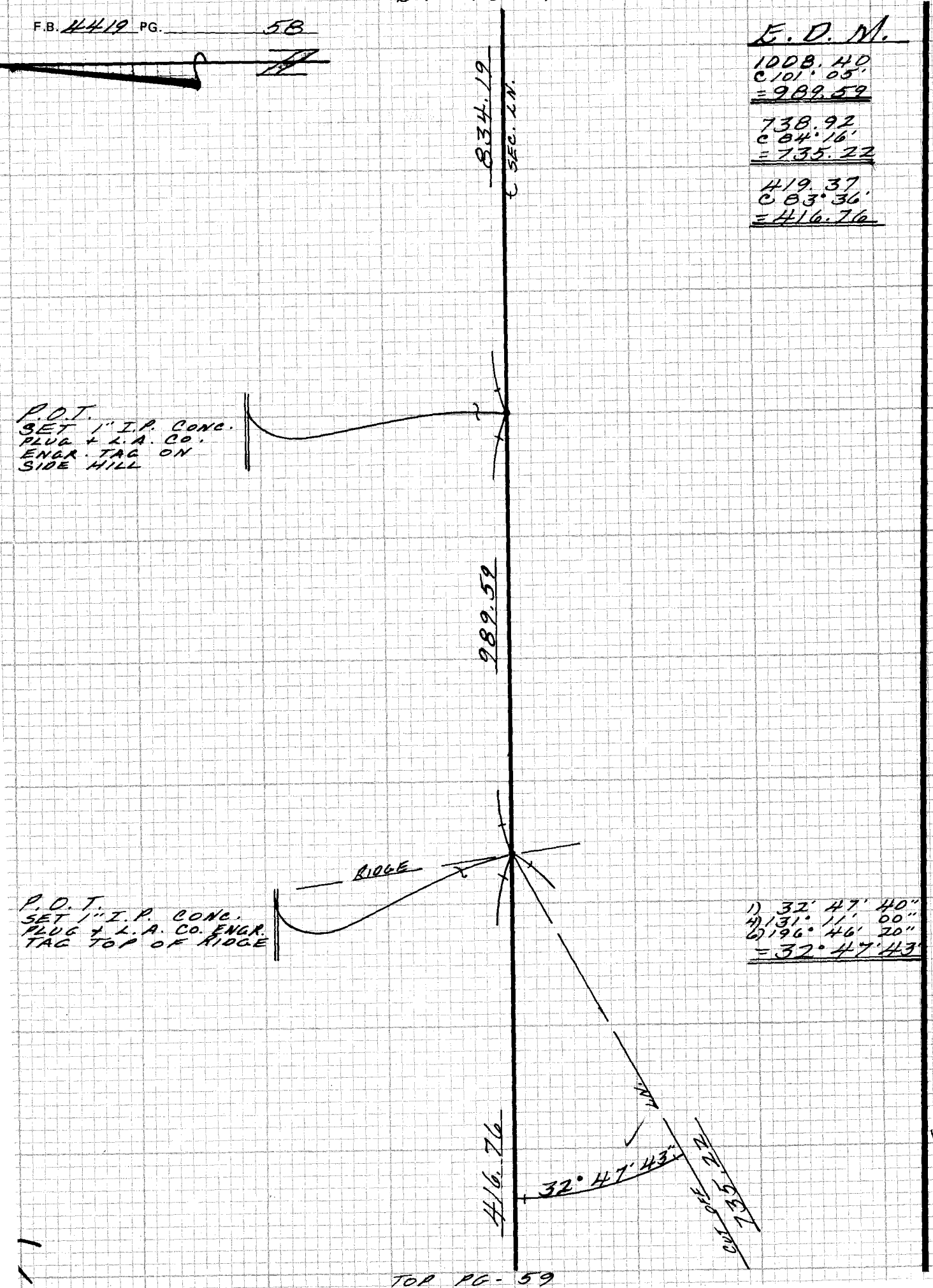
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 58



E.D.M.

1008.40
C 101° 05'
= 989.59

738.92
C 84° 16'
= 735.22

419.37
C 83° 36'
= 416.76

1) 32° 47' 40"
4) 131° 11' 00"
6) 196° 46' 20"
= 32° 47' 43"

CE 310
76F3095-4/73

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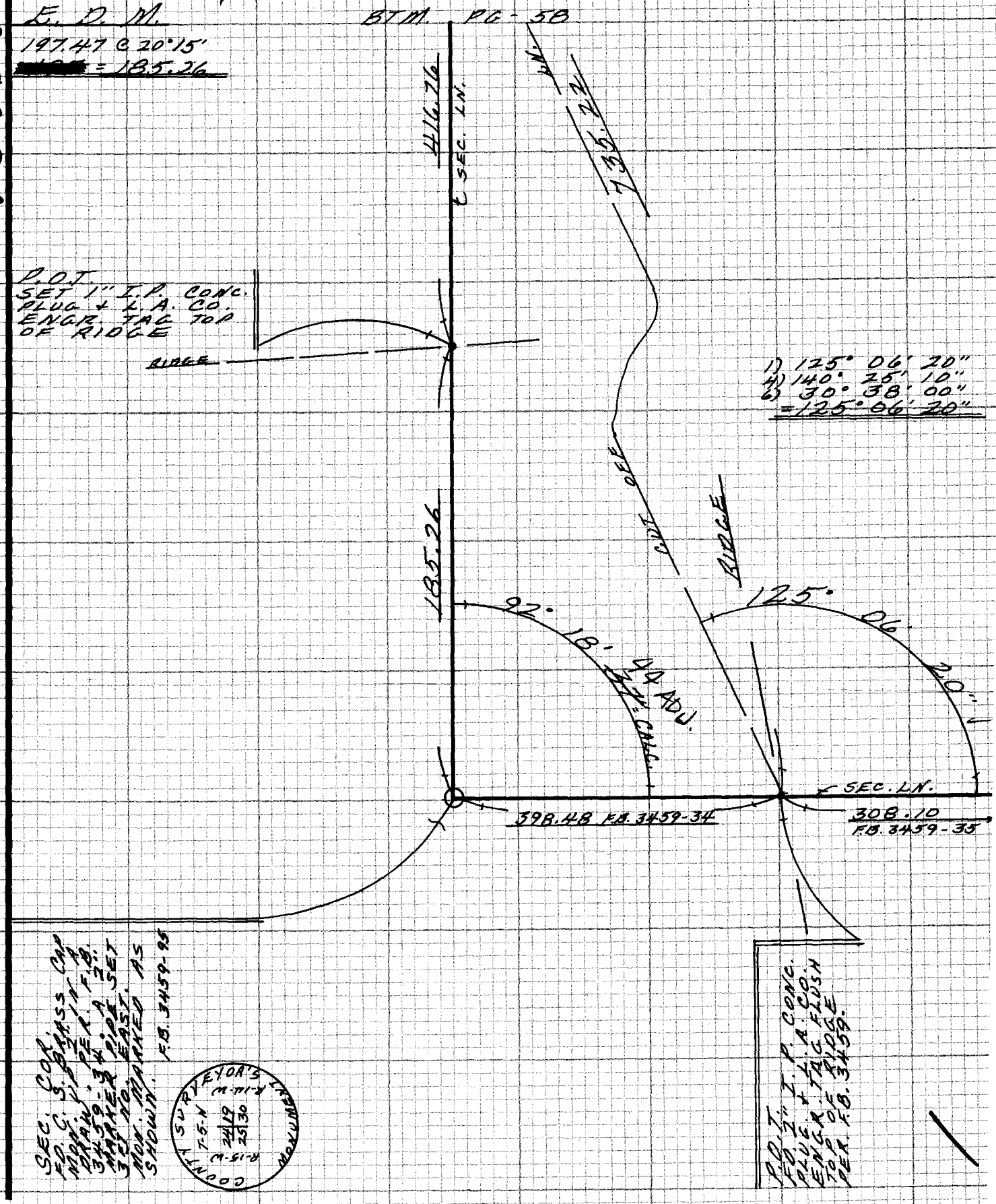
SECTION LINE

Notes Ck'd by L F RAMOS	Survey of SEC. 30, T-5-N, R-14-W.
Map No. CSB 5426 + 5427 1+2	JN 0302.01 Tape ____ Std ____ °F
Office Work G. MASUDA	Surveyed by M. E. WACKER
Checked RG HILARIO	Notes M.E.W. Date OCT. 81
Date APR 8, 1982 + NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982

F.B. 4419 PG. 59



① U.S. 78 B-5

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

Do not extend notes this side of this line

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

L.T. PG. 44

F.B. 4419 PG. 60

CE 310
76F 3095

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Do not extend notes this side of this line

T= 70.
50.04 C LEV
=50.04

E.O.M.

2024.92
C 99° 59' 30"
=1994.21

615.36
C 80° 45'
=607.36

602.32
C 84° 06'
=599.13

D) 0° 00' 26"
R) 180° 00' 16"

D) 169° 55' 41"
R) 349° 55' 29"
=169° 55' 14"

1) 99° 29' 50"
4) 37° 59' 20"
6) 236° 58' 30"
=99° 29' 45"

W. COR.
EQ. FLOOD CONTROL BRASS CAP MON. FL. ON LINE. MON. MARKED AS SHOWN. MARK POST SET No.

50.04 ℄ SEC. LN.

FLOOD CONTROL DISTRICT
FOR DISTURBING THIS MON.
LOS ANGELES COUNTY PINS 600 DOLLARS
T-5-N
SEC. 30
SEC. 31
R-14-W
M.D.M.
W.C.S. 1/4 MARK 1969

N. 85 1/2 86 W

1994.21

169° 55' 14"

RIDGE

P.O.T.
SET 1" I.P. CONC. PLUG + L.A. CO. ENGR. TAG FL. TOP OF RIDGE. ROCK MD.

5.76

0.07

EQ. L.A. CO. FLOOD CONTROL BRASS CAP MON. NO. REF.

607.36 REF

599.13

99° 29' 45"

ADJ 25' 06" 89° 24' 59" calc.

SEC. COR.
EQ. C.S. BRASS CAP MON. FLUSH ON SIDE HILL PER. F.B. 3459-39. A 2" MARKER PIPE SET NO. W. MON. MRK. AS SHOWN

793.72
F.B. 3459-38

106.27
F.B. 3459-39

P.O.T.
EQ. 2" I.P. CONC. PLUG + L.A. CO. ENGR TAG ON RIDGE PER. F.B. 3459-38

P.O.T.
EQ. 2" I.P. CONC. PLUG + L.A. CO. ENGR. TAG TOP OF SPUR. PER. F.B. 3459-39

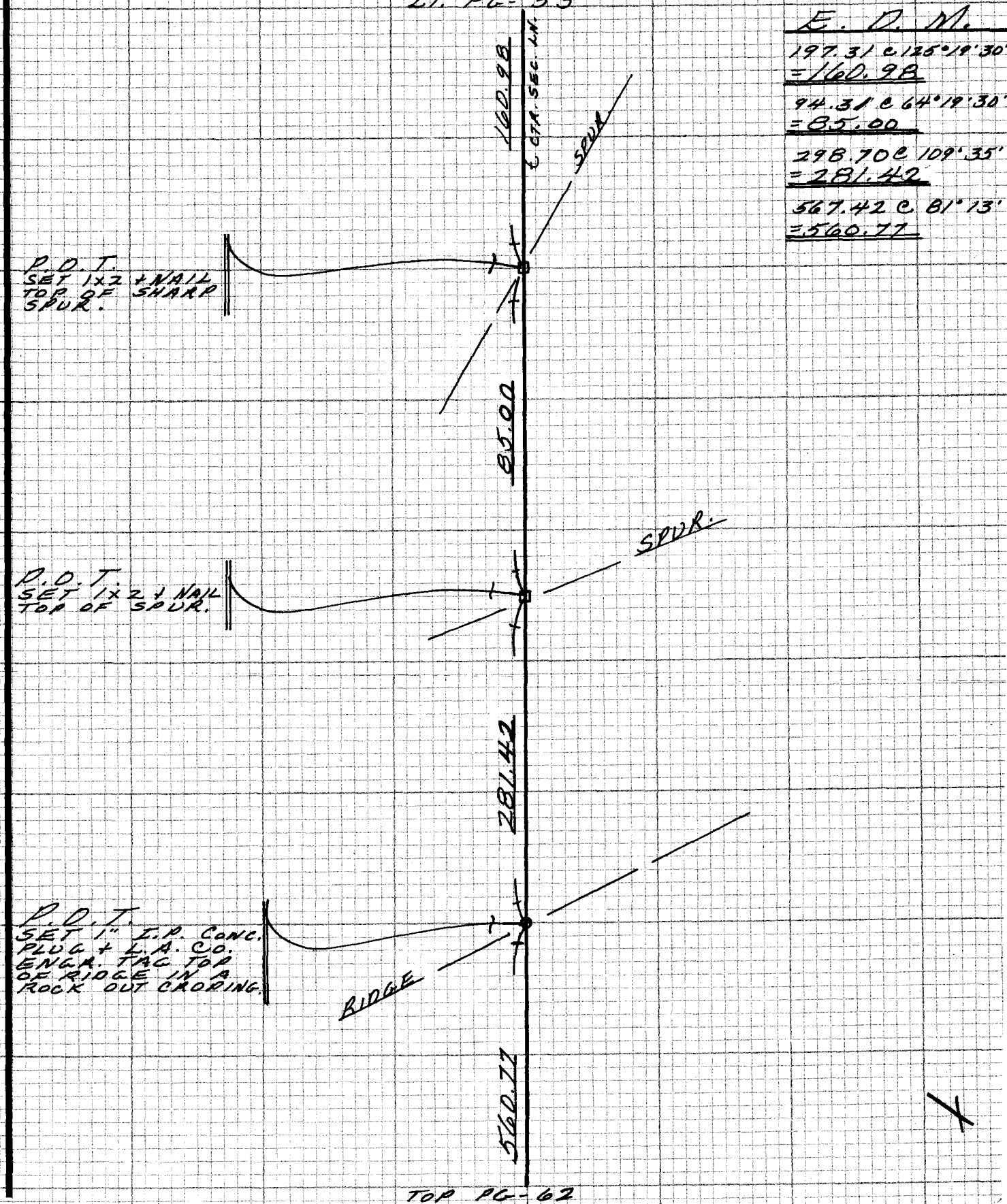
SURVEYOR'S MONUMENT
COUNTY
T-5-N
R-14-W
R-15-W
M-H-W
25 30 31 36

SECTION LINE

Notes Ck'd by LF Ramos	Survey of SEC-30, T-5-N, R-14-W
Map No. CSB 5426 + 5427-1+2	JN 0302.01 Tape _____ Std _____ °F
Office Work G. MASUDA	Surveyed by M.E. WACKER
Checked RG HILARIO	Notes M.E.W. Date NOV-81
Date APR. 8, 1982 + NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982

F.B. 4419 PG. 61

LT. PG-53



E. D. M.

197.31 @ 125°19'30"
= 160.98

94.31 @ 64°19'30"
= 85.00

298.70 @ 109°35'
= 281.42

567.42 @ 81°13'
= 560.77

TOP PG-62

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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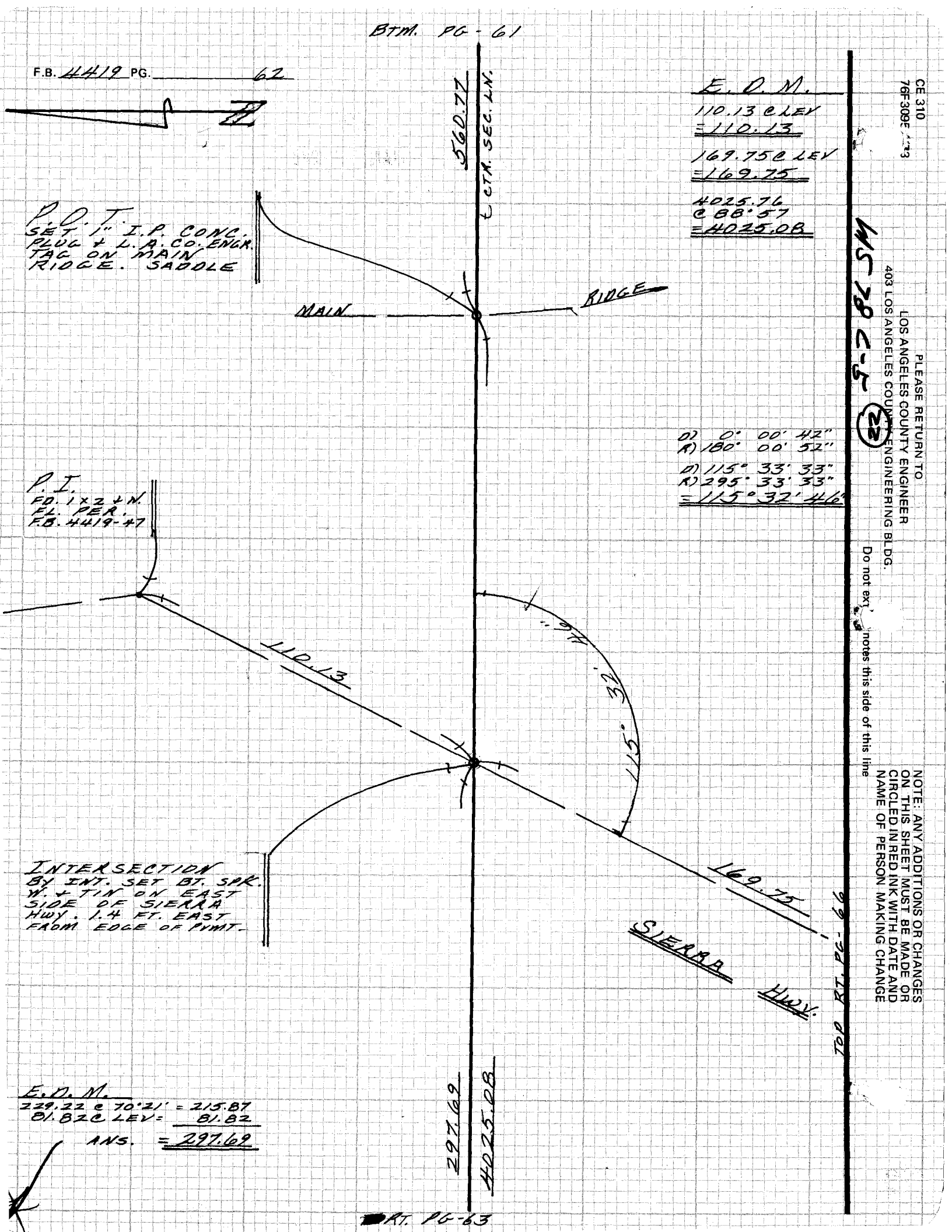
CENTERLINE NOTES
CE 310
76F3095-4/73


BTM. PG-61
F.B. 4419 PG. 62
560.77
℄ CTR. SEC. LN.
E.O.M.
110.13 @ LEV
=110.13
169.75 @ LEV
=169.75
4025.76
@ 88°57
=4025.08
P.O.T.
SET 1" I.P. CONC.
PLUG + L.A. CO. ENGR.
TAG ON MAIN
RIDGE. SADDLE
MAIN
RIDGE
D) 0° 00' 42"
R) 180° 00' 52"
D) 115° 33' 33"
R) 295° 33' 33"
=115° 32' 46"
P.I.
FD. 1x2 + N.
FL. PER.
F.B. 4419-47
110.13
115° 32' 46"
169.75
INTERSECTION
BY INT. SET BT. SPK.
W. + TIN ON EAST
SIDE OF SIERRA
HWY. 1.4 FT. EAST
FROM EDGE OF PVMT.
SIERRA
HWY.
TOP RT. PG-66
297.69
4025.08
E.O.M.
229.22 @ 70°21' = 215.87
81.82 @ LEV = 81.82
ANS. = 297.69
RT. PG-63
CE 310
76F309E
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE
MS 78 C-5
22

SECTION LINE

Notes Ck'd by L F RAMOS	Survey of SEC. 30 T-5-N, R-12-W F.B. 4419 PG. 63
Map No. CSB 5A26 (5927) -12	JN 0302.01 Tape Std F
Office Work G. MASUDA	Surveyed by M. E. WACKER
Checked RG HILARIO	Notes M. E. W. Date JAN - 82
Date APR 8 1982 + Nov. 2, 1982	Indexed H. HOLMAN JAN 13 1982

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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CENTERLINE NOTES
CE.310
76F3095-4/73

Do not extend note this side of this line

RT. PG-57

E. O. M.
982.96 @ 86°08"
= 980.72
1577.10 @ 97°44'10"
= 1543.01
287.76 @ 86°49'18"
= 287.32
147.37 @ 101°20'00"
= 144.50
371.30 @ 95°39'
= 369.58

980.72 CTR. SEC. LN.

SPUR

P.O.T.
SET 1" I.P. CONC.
PLUG & L.A. CO.
ENGR. TAC TOP
OF SPUR. A
FOREST BDY. MARKER
3 EI. SO. EAST

1543.01

FD. OLD CHARED
2x2 NO NAIL ON
LINE TOP OF BRK
ON SPUR.

SPUR

287.32

P.O.T.
SET 2" I.P. CONC.
PLUG & L.A. CO. ENGR.
TAC FLUSH TOP
OF SPUR. A
FOREST BDY. MARKER
2 EI EAST

0.41

FD. 1x2
NAIL

SPUR

D) 270° 05' 30"
R) 90° 05' 30"

D) 357° 50' 08"
R) 177° 50' 00"
= 87° 44' 35"

DRAW

1411.30

87°44'35" A.D.

TOP PG. 64

211.58

CTR. SEC. LN.

297.69

4025.08

BTM. PG-67

SPUR

CTR. SEC. LN. OF SEC. 30 SET 2" I.P. CONC. PLUG & TAG STAMPED RE 12754 IN A HEAD HOLE OUT AREA 26'± NORTH OF SPUR. 50'± SOUTH OF DRAW. 1.4 FT. BELOW TOP OF NORTH OF MARKER POST. NOW. SECTION INTERSECTION MARKED AS SHOWN.

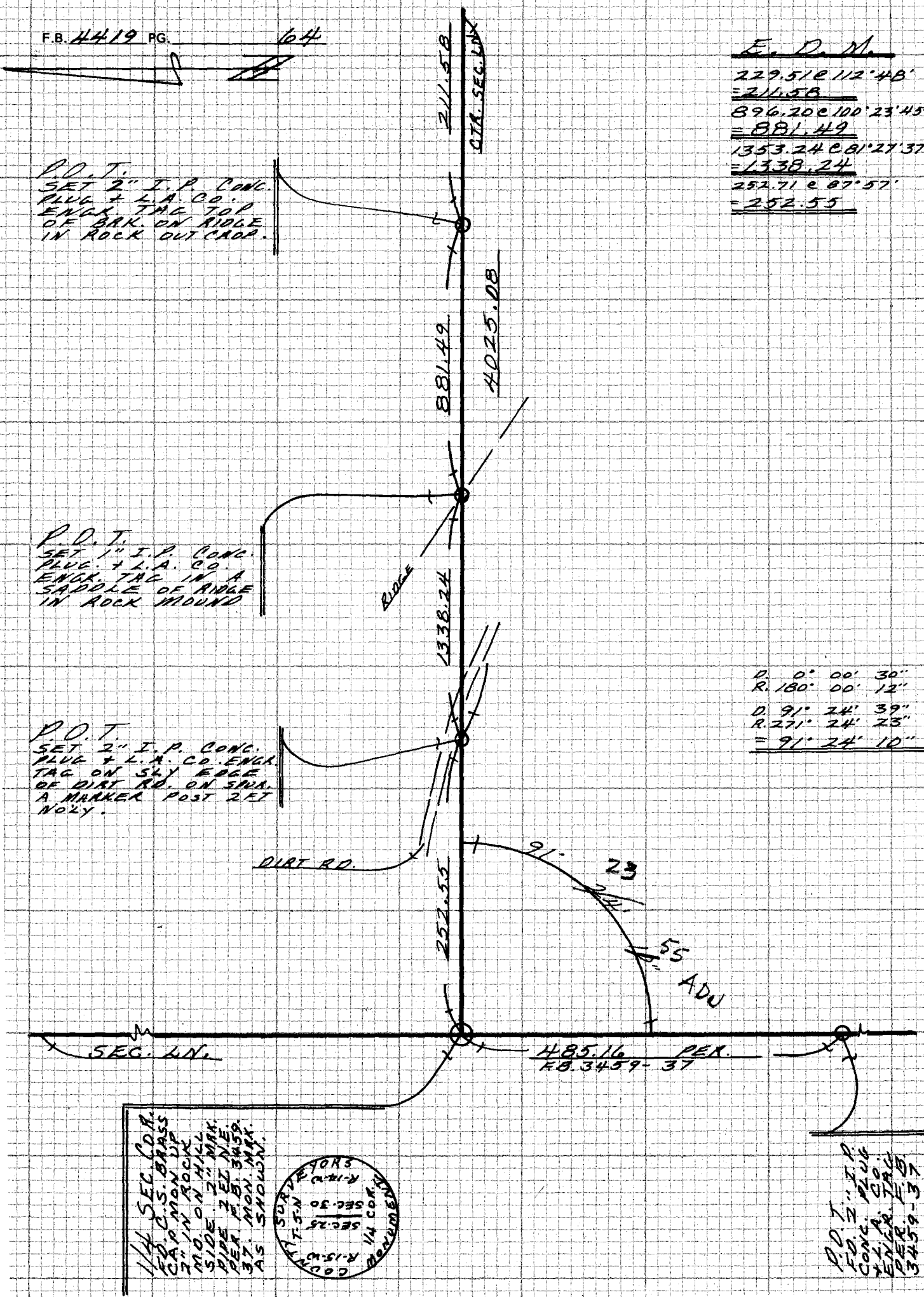
COUNTY SURVEYOR ENGINEER T 5 N SEC. 30 CTR. SEC 1982 RE 22736

369.58

TOP PG-66

LT. PG-63

F.B. 4419 PG. 64



E. D. M.

229.51 @ 112°48'
= 211.58

896.20 @ 100°23'45"
= 881.49

1353.24 @ 81°27'37"
= 1338.24

252.71 @ 87°57'
= 252.55

D. 0° 00' 30"
R. 180° 00' 12"

D. 91° 24' 39"
R. 271° 24' 23"
= 91° 24' 10"

CE 310
76F3095-4/73

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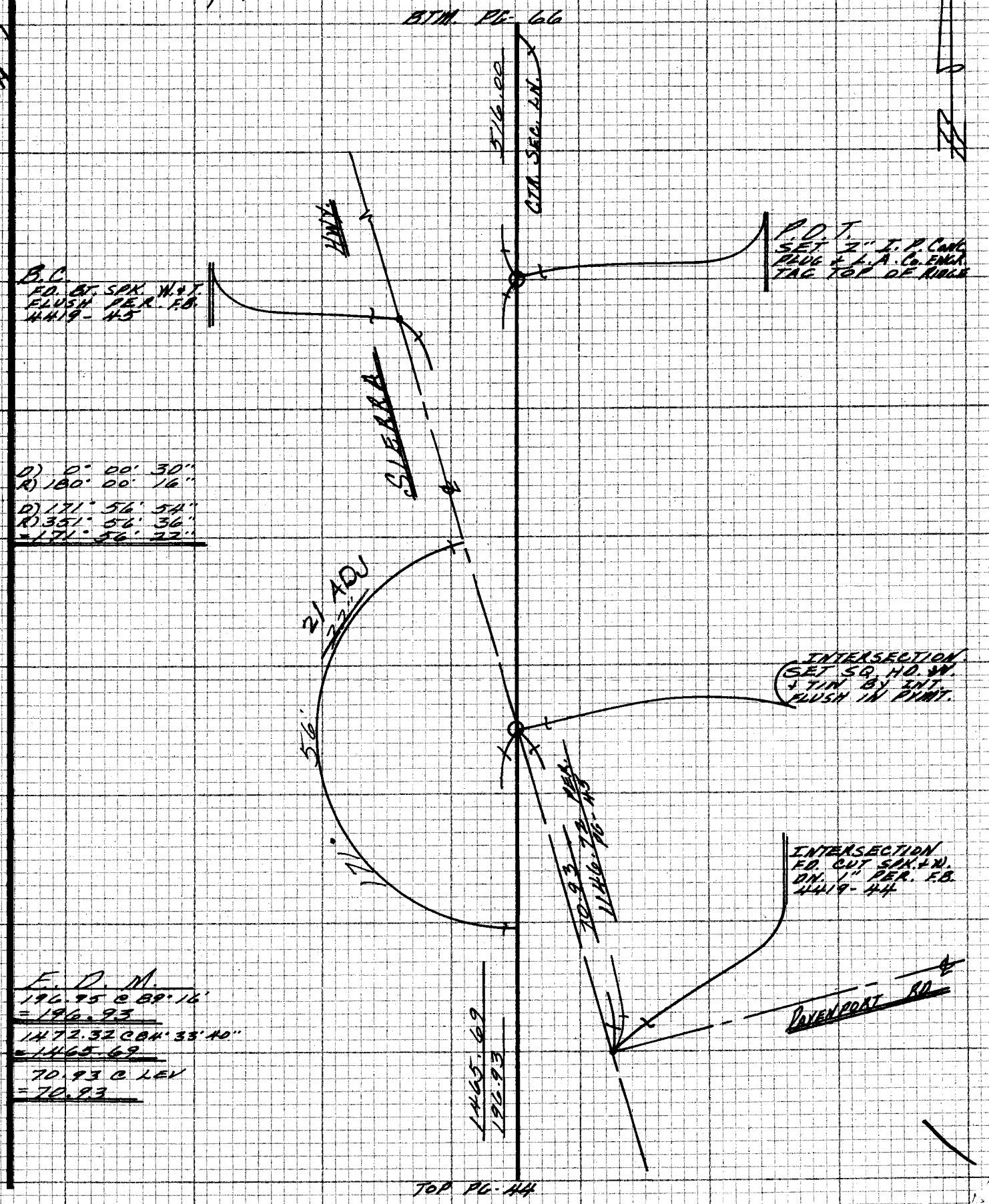
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

SECTION LINE

Notes Ck'd by L.F. Ramos	Survey of SEC-30, T-5-N, R-14-W	F.B. 4419 PG. 65
Map No. CSB 5486+5427-1+2	JN 0302.01 Tape ____ Std ____ °F	
Office Work G. MASUDA	Surveyed by M.E. WACKER	
Checked RG HILARIO	Notes M.E.W. Date JAN-82	
Date APR 8, 1982 NOV. 2, 1982	Indexed H. HOLMAN JAN 13 1982	



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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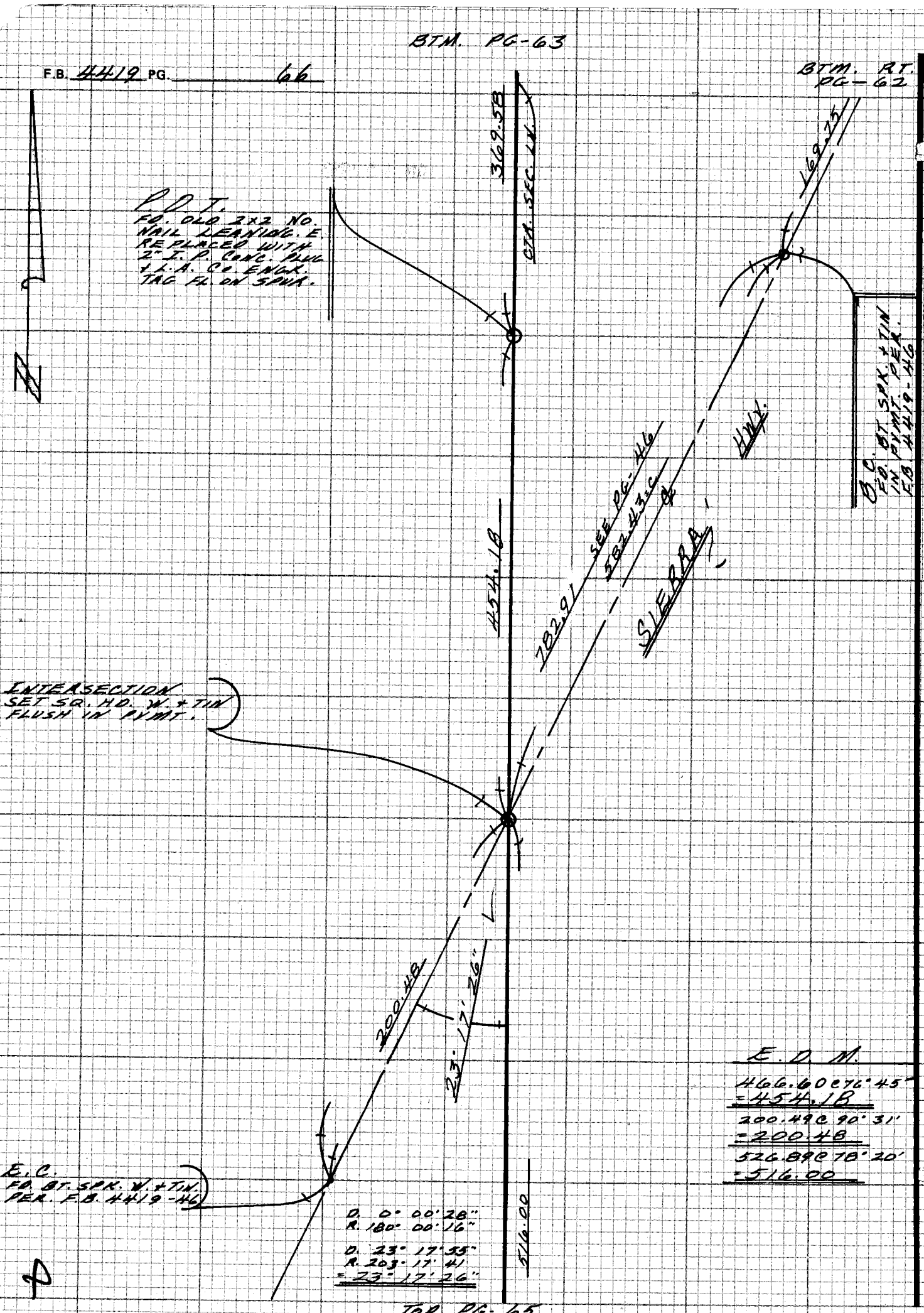
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 64

BTM. PG-63

BTM. RT. PG-62



E. O. M.

466.60 C 76° 45'
= 454.18

200.49 C 90° 31'
= 200.48

526.89 C 78° 20'
= 516.00

TOP PG-65

CE 310
76F 3095-4/73

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

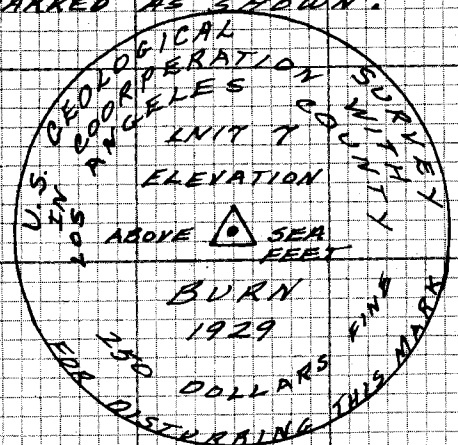
SECTION LINE

Notes Ck'd by LF Ramos	Survey of SEC. 30, T-5-N, R-14-W
Map No. CSB 5426 + 5427 1+2	JN 0302.01 Tape ____ Std ____ °F
Office Work G. MASUDA	Surveyed by M. E. WACKER
Checked RG PILARIO	Notes M.E.W. Date JAN-82
Date APR 8 1982 + NOV 2 1982	Indexed H. HOLMAN JAN 13 1982

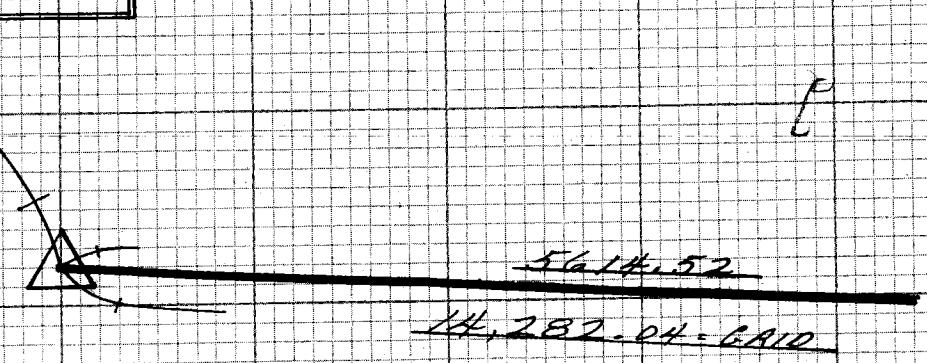
F.B. 4419 PG. 67

LANG A-1

FD. U.S. GEOLOGICAL SURVEY-L.A. COUNTY COORPERATION SURVEY TRIANGULATION STATION DISK SET IN A CONC. POST. FLUSH IN A ROCK OUT CROP. A MARKER POST SET 5 FT WEST. MON IS MARKED AS SHOWN.



N= 4,292,418.15
E= 4,167,599.05



LT. PG-54

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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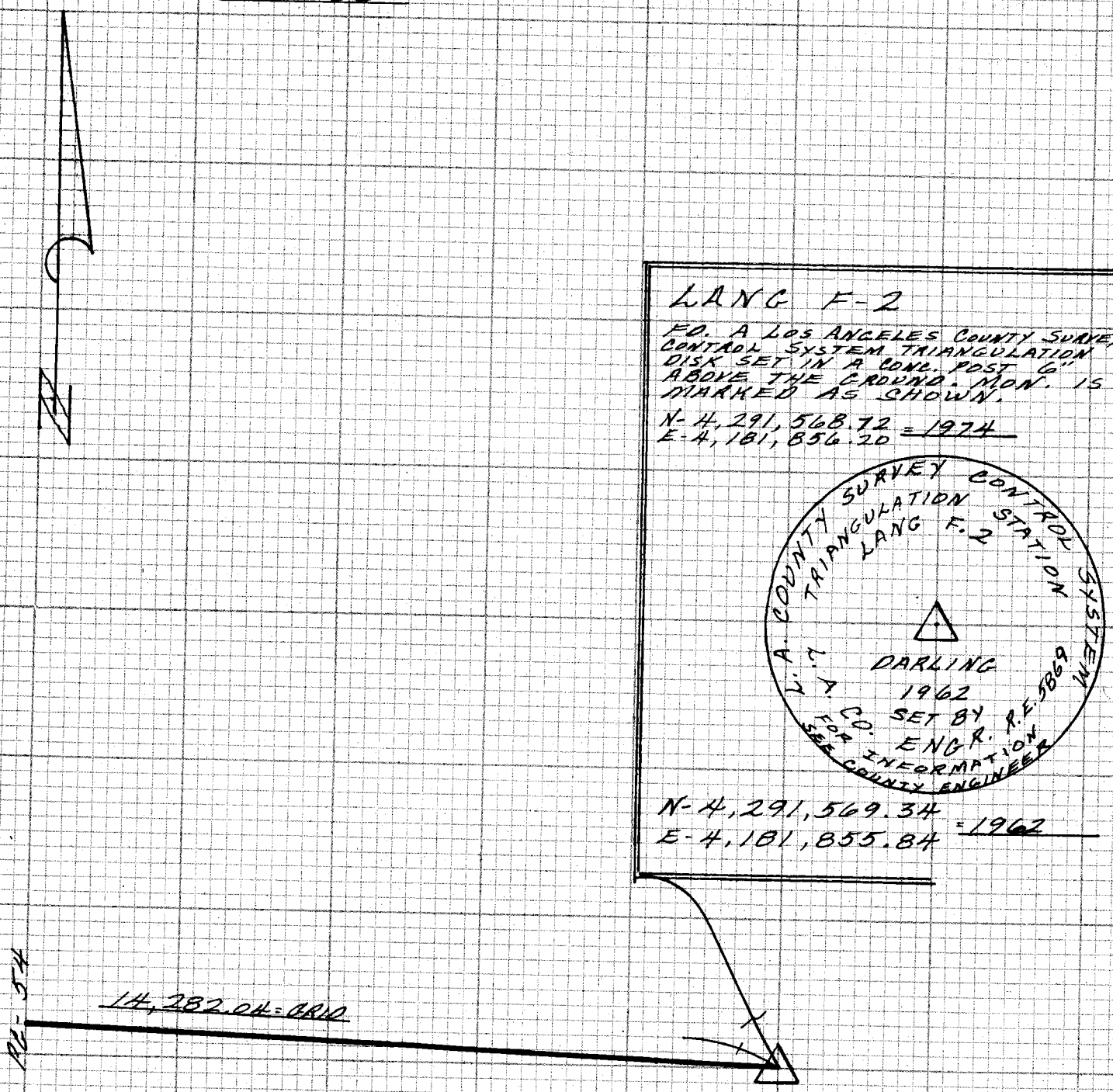
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 68



CE 310
76F3095-4/73

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by L.F. Ramos	Survey of VASQUEZ CYN. RD.
Map No.	JN 0208.21 Tape FDM Std °F
Office Work	Surveyed by Burkholder
Checked E. Hilario	Notes BSB Date 8-24-83
Date	Indexed H. HOLMAN AUG 29 1983

F.B. 4419 PG. 69

J.N. 0208.21

VASQUEZ CYN. RD.

Realignment @ Sierra Hwy

Burkholder
Sidwell
Jernigan

Reference
F.B. 1872
C.S.B. 2574
Staking Sht.

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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CENTERLINE NOTES
CE 310
76F3096-4/73

CE 310
76F3095-4/73

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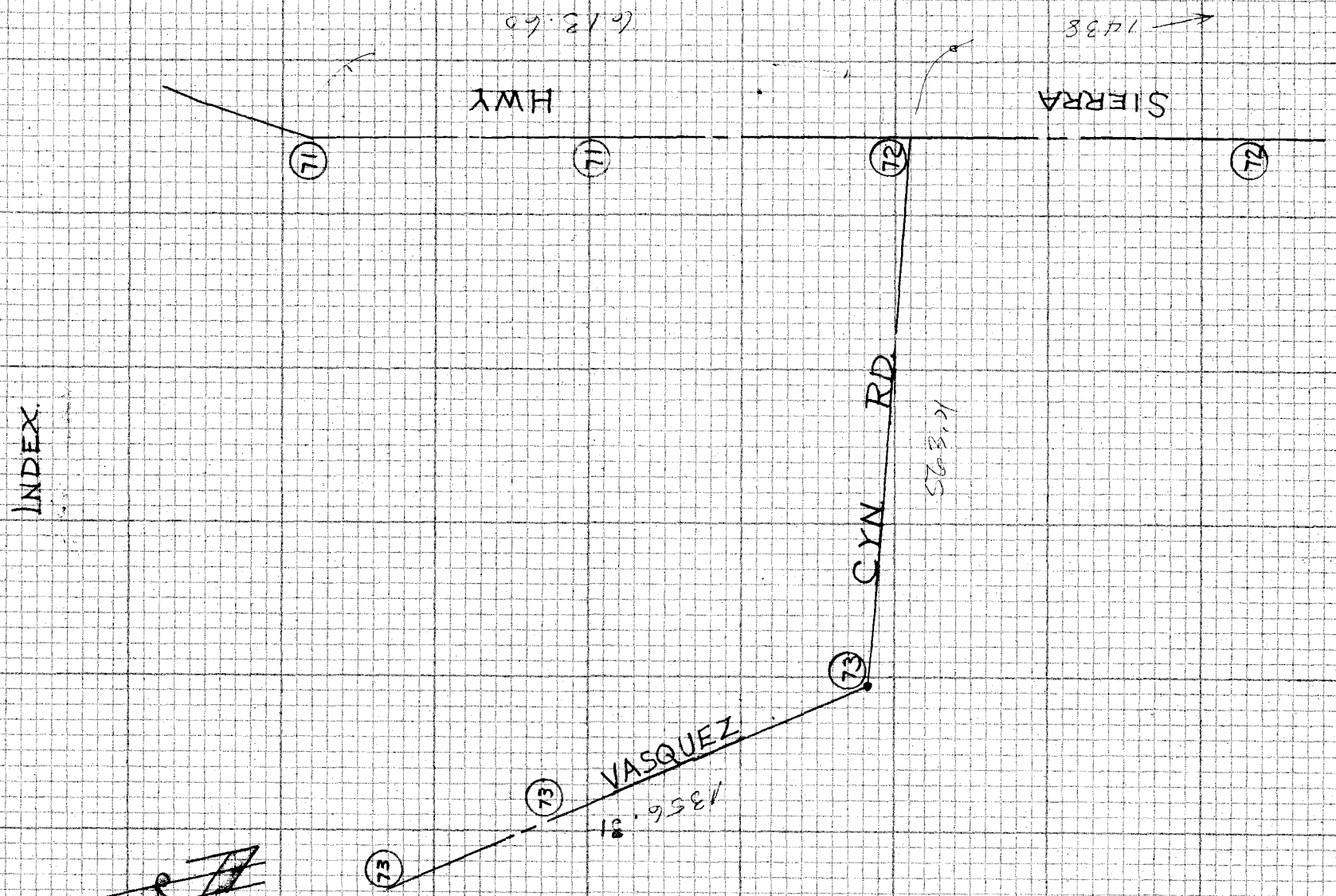
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not ext notes this side of this line



F.B. 4419 PG. 70

Notes Ck'd by L.F. Ramos	Survey of VASQUEZ CYN RD.
Map No.	JN 0208.2 Tape EDM Std. °F
Office Work	Surveyed by Burkholder
Checked R. Hilario	Notes DOB Date 8-24-83
Date	Indexed H. HOLMAN AUG 29 1983

F.B. 4419 PG. 71

Fd Lge Bt Spk W&T Flush Washer Stmpd. "L.A. Co. Engr." Per F.B. 1811-59

513.61 @ 89-41-50 = 513.60 ✓

365.05 @ 89-42-40 = 365.05 ✓

148.55

148.55 by Subt.

513.60M

Fd N&T P.P. = 483317E Per F.B. 1872-117

60

45.33

Fd N&T T.P. = 572415M Per F.B. 1872-117

Fd Sq. hd. Spk Flush Per F.B. 1872-117

℄ SIERRA HWY

365.05M

Old & Int. Fd Lge Bt Spk W&T Flush. Washer Stmpd. "L.A. Co. Engr" Per F.B. 1811-58

Fd Spk & T 4" dn Per F.B. 1872-117

14.36

100.00

758.28M

1538.09

To Top pg # 72

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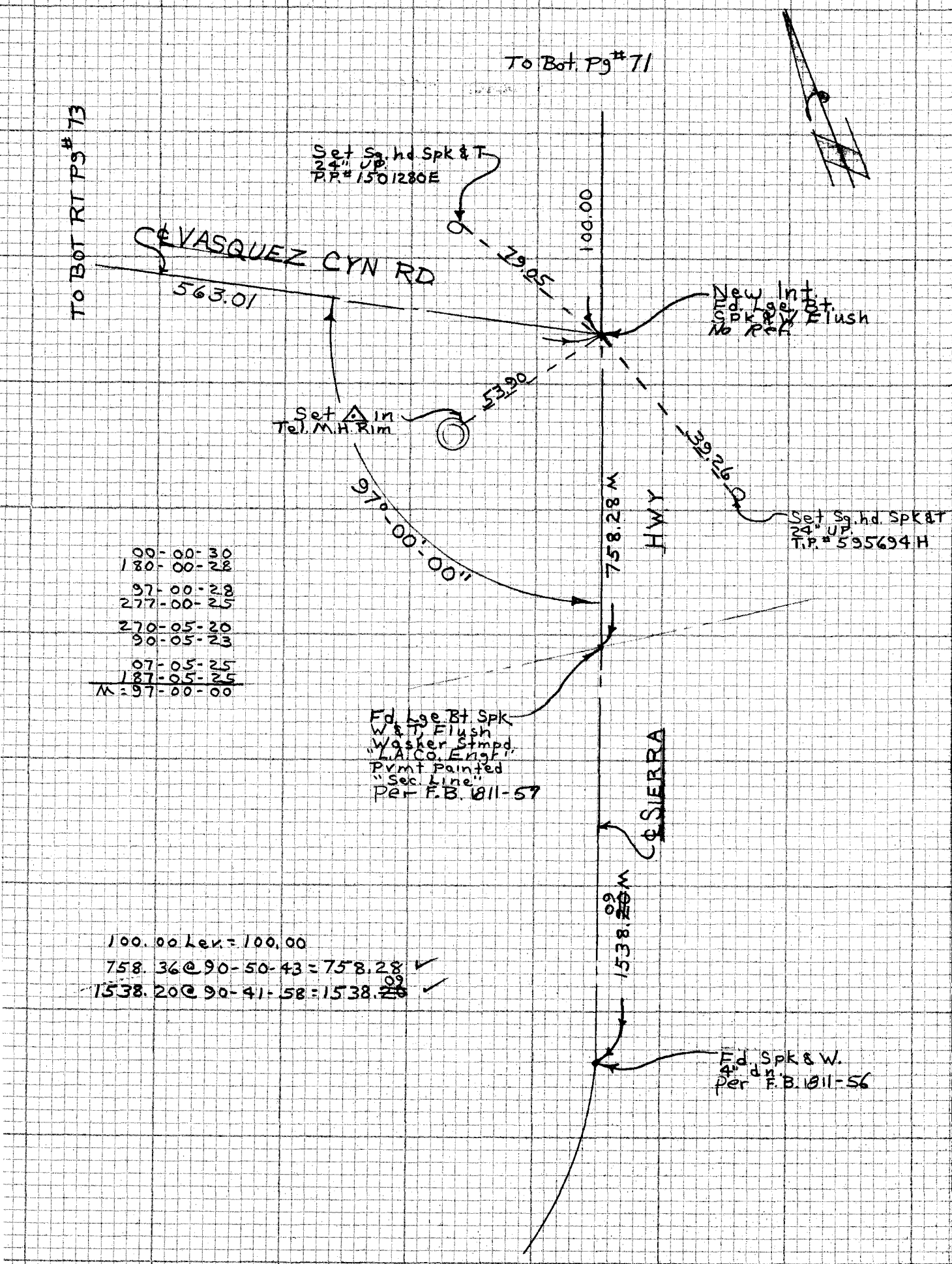
PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES CE 310 76F-3095-4/73

F.B. 4419 PG. 72



00-00-30
180-00-28

97-00-28
277-00-25

270-05-20
90-05-23

07-05-25
187-05-25
M = 97-00-00

100.00 Lev. = 100.00
758.36 @ 90-50-43 = 758.28 ✓
1538.20 @ 90-41-58 = 1538.09 ✓

CE 310
76F3095-4/73

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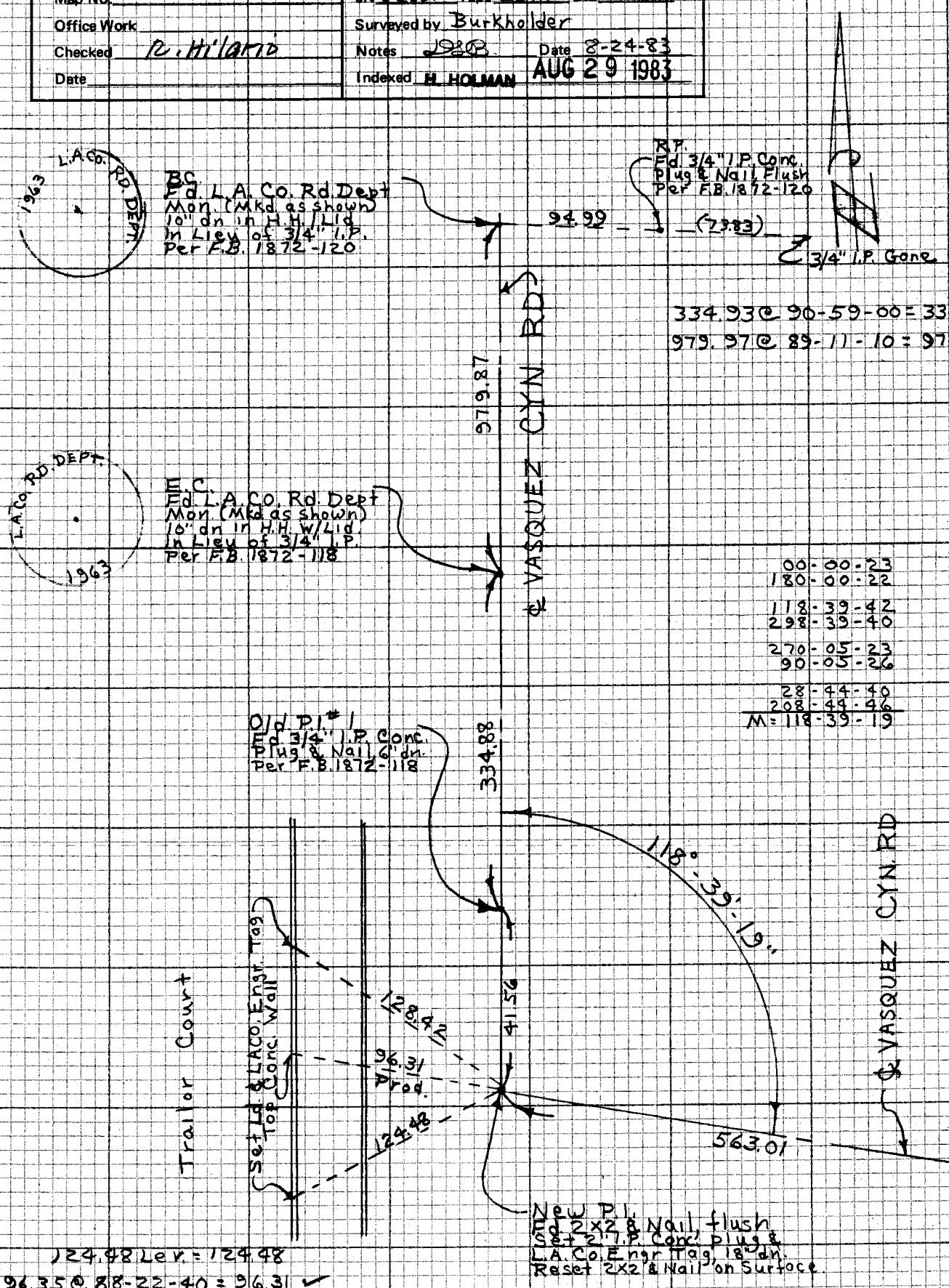
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by L.F. Ramos	Survey of VASQUEZ CYN RD.
Map No.	JN 0208.21 Tape EDM Std °F
Office Work	Surveyed by Burkholder
Checked R. Hilario	Notes [illegible] Date 8-24-83
Date	Indexed H. HOLMAN AUG 29 1983

F.B. 4419 PG. 73



124.48 Lev. = 124.48
96.35 @ 88-22-40 = 96.31 ✓
128.47 @ 88-23-52 = 128.42 ✓
41.56 Lev. = 41.56
563.08 @ 89-05-48 = 563.01 ✓

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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CENTERLINE NOTES
CE 310
76F3095-4/73

CE 310
76F3095-4/73

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F.B. 4419 PG. 74

Notes Ck'd by L.F. RAMOS	Survey of ALISO CANYON ROAD
Map No.	JN 1518.06 Tape 118 Std 84 °F
Office Work	Surveyed by COVEY
Checked R.G. HILARIO	Notes JRC Date AUG, 1984
Date 1	Indexed H. HOLMAN SEP 25 1984

F.B. 4419 PG. 75

1518.06

ALISO CANYON ROAD PROPOSED REALIGNMENT

COVEY
ALBRIGHT
TALBOT
SIDWELL

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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CENTERLINE NOTES
CE 310
76F3095-4/73

CE 310
76F3095-4/73

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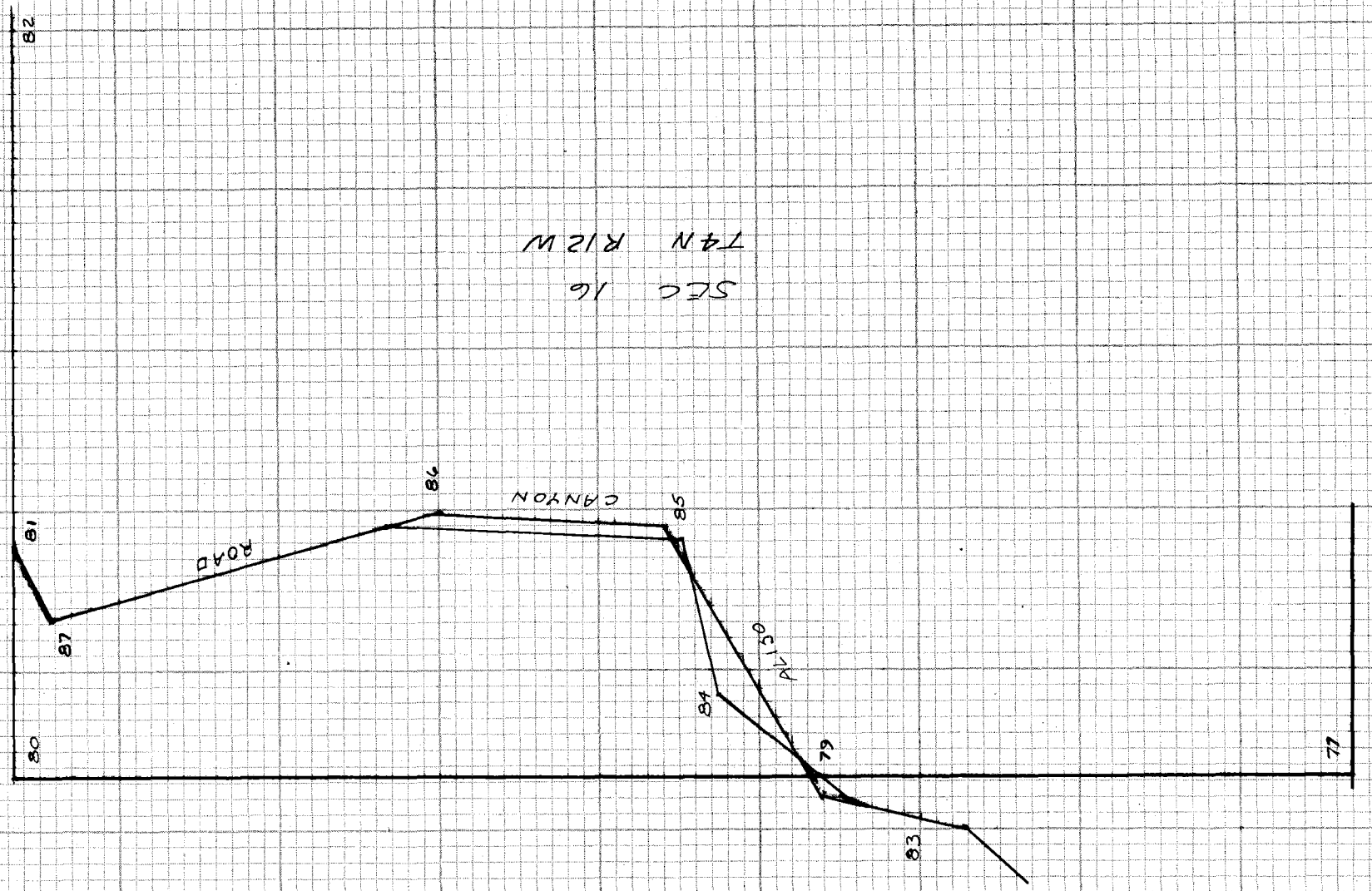
403 LOS ANGELES COUNTY ENGINEERING BLDG.

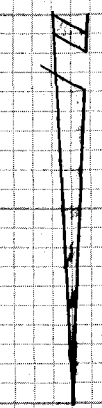
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line



SEC 16
T4N R12W

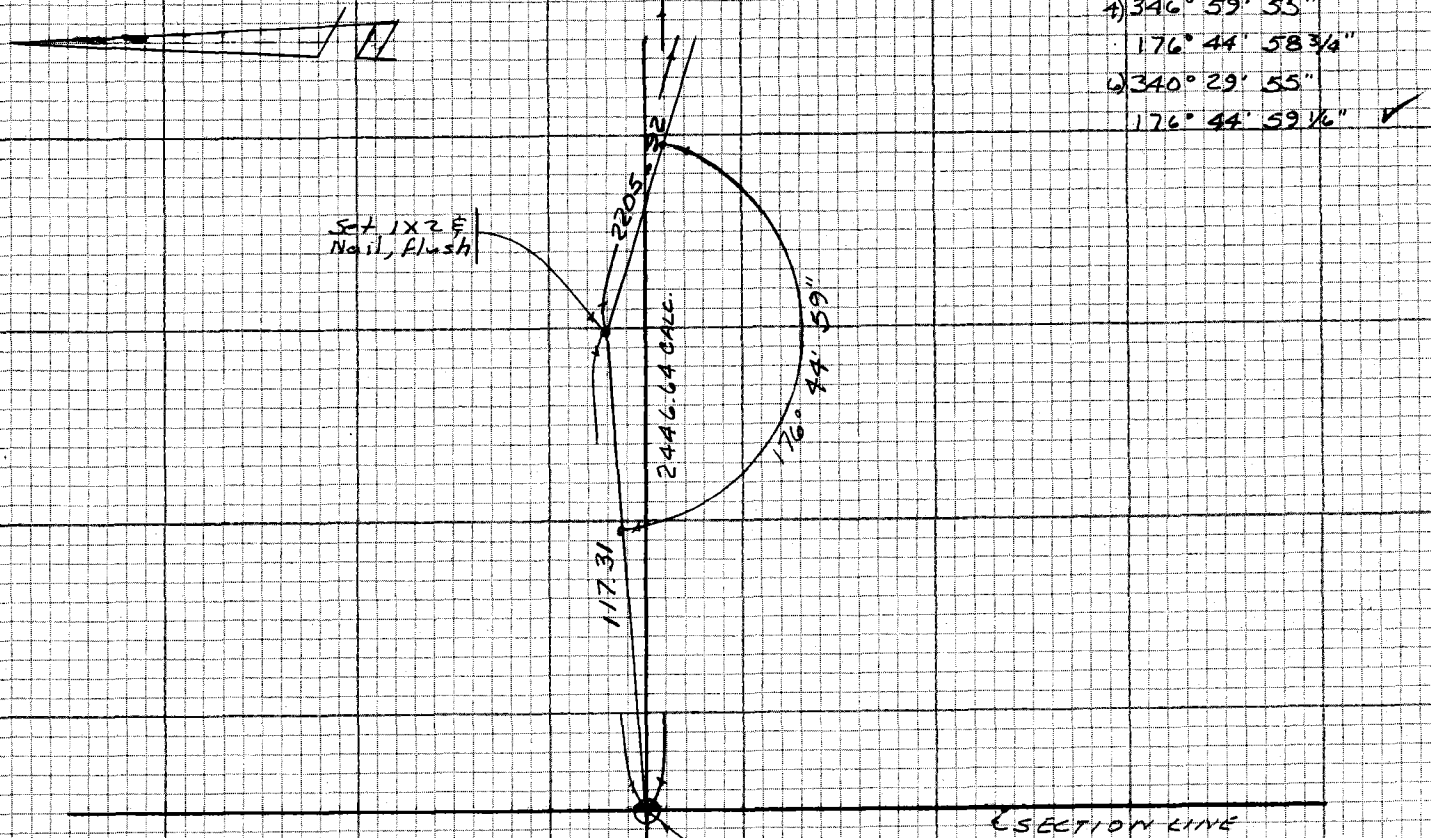
F.B. 4419 PG. 76



Notes Ck'd by C.F. RAMOS	Survey of ALISO CANYON ROAD F.B. 4419 PG. 77
Map No.	JN 15.B.06 Tape 118 Std 84 °F
Office Work	Surveyed by COVEY
Checked R.G. HIGARIO	Notes J.R.C. Date AUG. 1 84
Date	Indexed H. HOLMAN SEP 25 1984

TO BOTTOM PAGE 78

1) 176° 45' 10"
4) 346° 59' 55"
176° 44' 58 3/4"
6) 340° 29' 55"
176° 44' 59 1/2" ✓



TAPE # 118 STD. @ 84°
117.45 @ 92°48'00" & 88° = 117.31 ✓

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 note this side of this line
W.S.80, C-1

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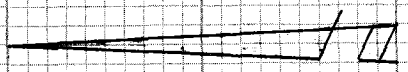
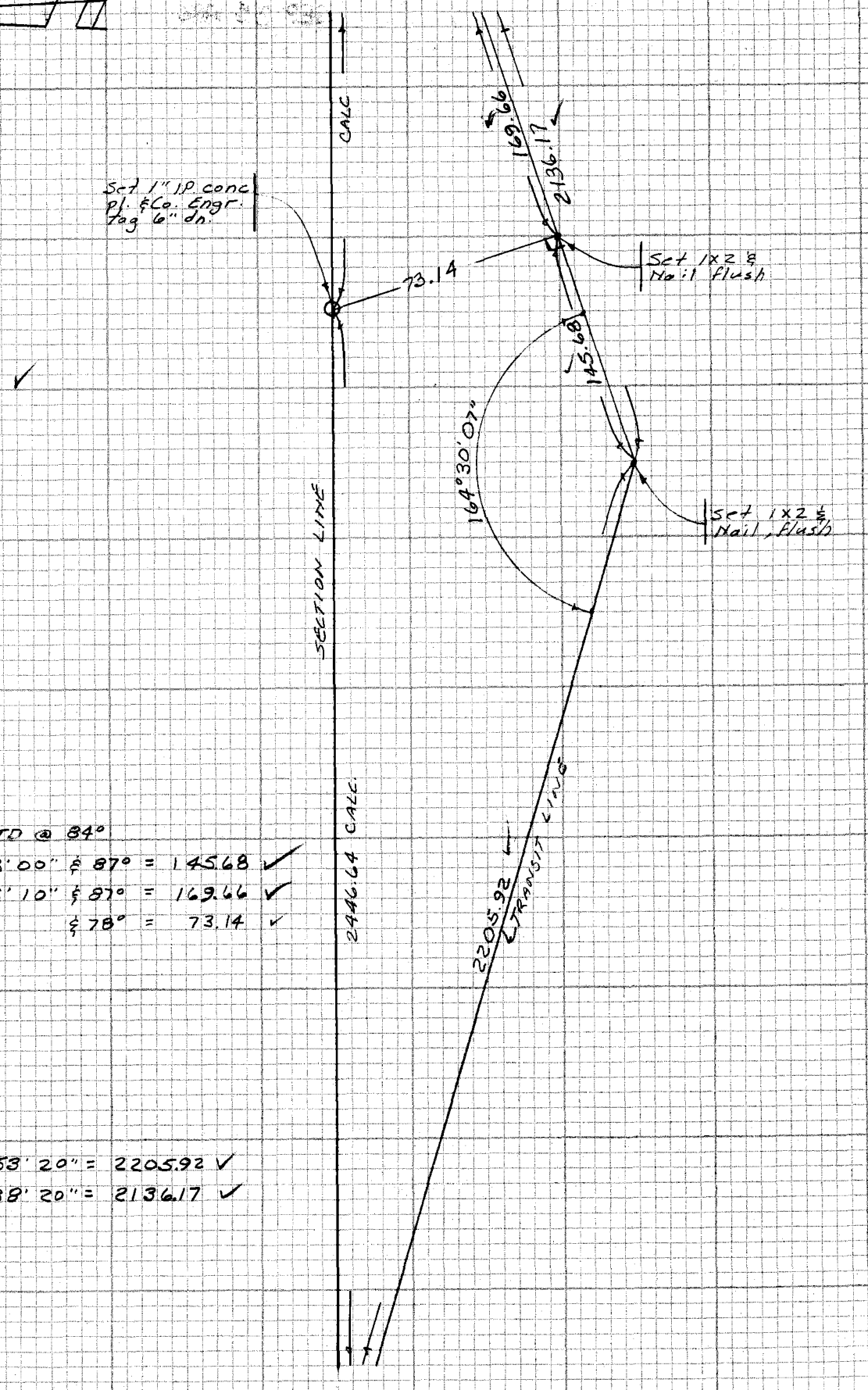
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 78

TO BOTTOM PAGE 79





1) 164° 30' 40"
4) 298° 00' 20"
164° 30' 05"
6) 267° 00' 40"
164° 30' 06 3/3" ✓

TAPE #118 STD @ 84°

145.83 @ 87° 23' 00" ∠ 87° = 145.68 ✓
171.03 @ 97° 15' 10" ∠ 87° = 169.66 ✓
73.14 @ Level ∠ 78° = 73.14 ✓

AUTO RANGER

2205.92 @ 89° 53' 20" = 2205.92 ✓
2138.44 @ 92° 38' 20" = 2136.17 ✓

TO TOP PAGE 77

CE 310
76F309b-A'73

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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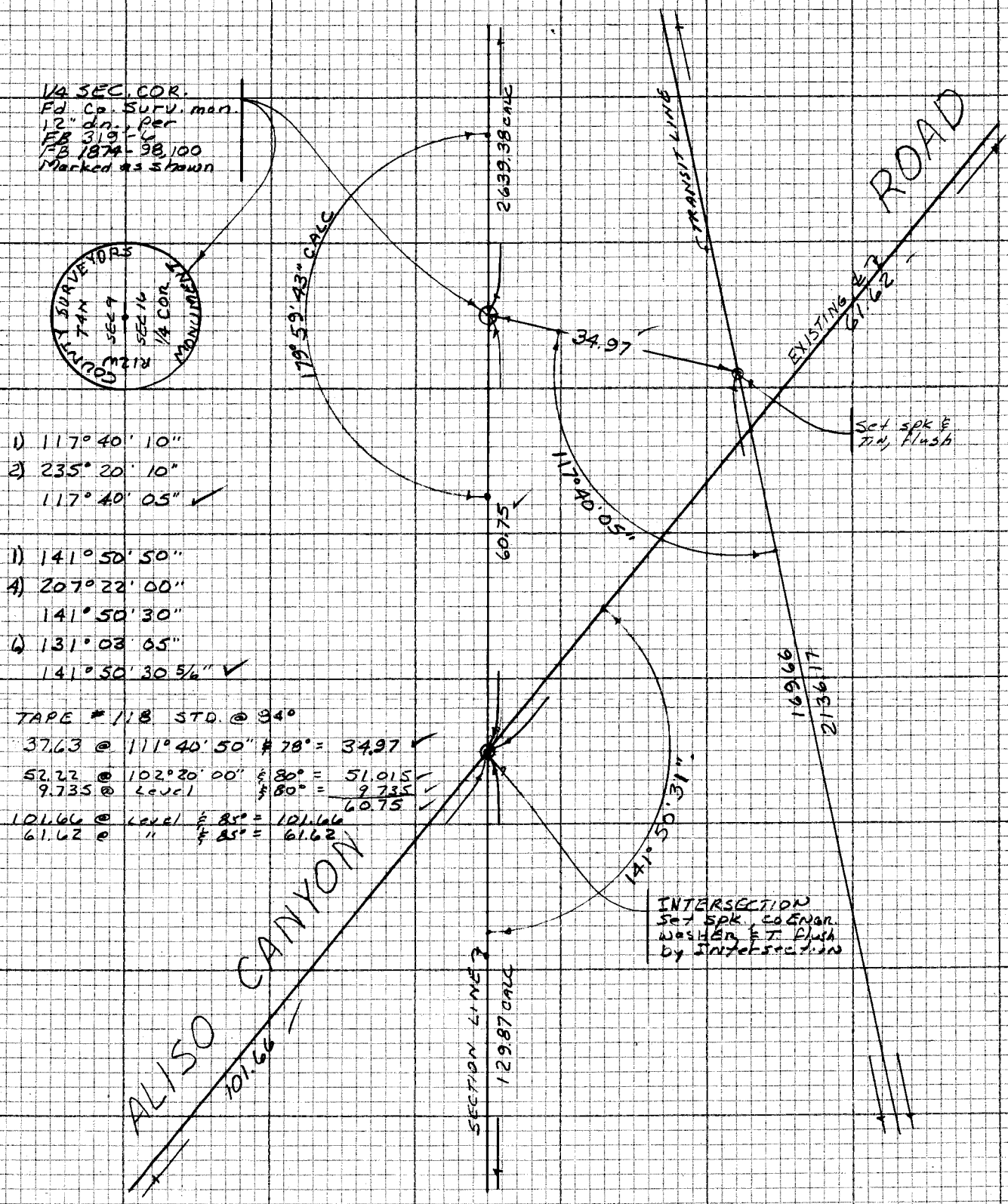
Notes Ck'd by L.F. RAMOS	Survey of ALISO CANYON ROAD	F.B. 4419	PG. 79
Map No.	JN 1518.06 Tape 118 Std 84 °F		
Office Work	Surveyed by COVEY		
Checked R.G. RILARIO	Notes JRC Date AUGUST '84		
Date	Indexed H. HOLMAN SEP 25 1984		

TO BOTTOM PAGE 80



1) 117°40'10"
2) 235°20'10"
117°40'05" ✓

1) 141°50'50"
4) 207°22'00"
141°50'30"
6) 131°03'05"
141°50'30 5/6" ✓

TAPE #118 STD. @ 84°

37.63 @ 111°40'50" & 78° = 34.97 ✓
52.22 @ 102°20'00" & 80° = 51.015 ✓
9.735 @ Level & 80° = 9.735 ✓
60.75 ✓
101.66 @ Level & 85° = 101.66
61.62 @ " & 85° = 61.62

TO TOP RIGHT PAGE 83

TO TOP PAGE 78

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W.S. 80, C-1

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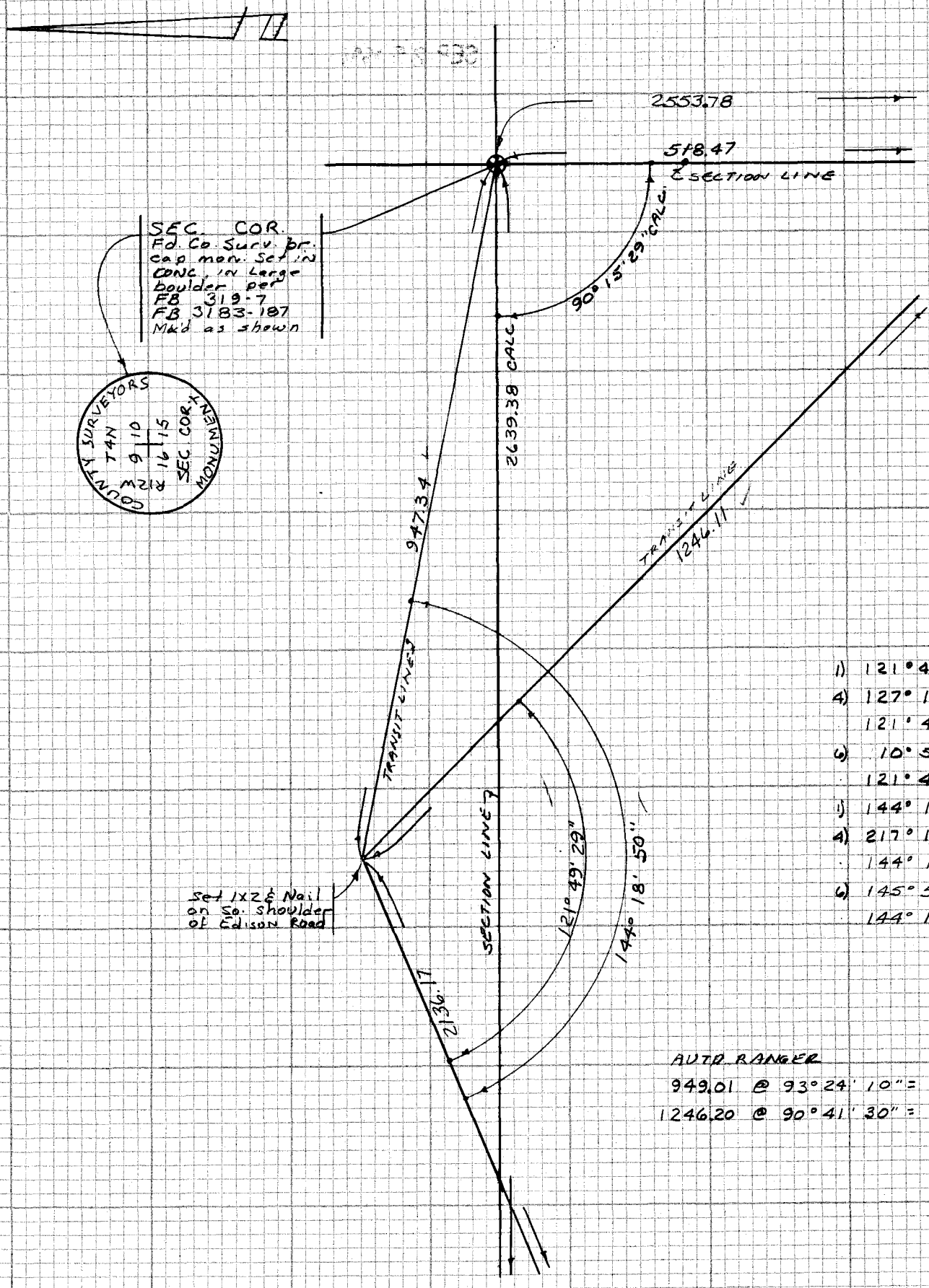
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 80



TO TOP PAGE 81

1) 121° 49' 55"
4) 127° 18' 00"
121° 49' 30"
6) 10° 56' 55"
121° 49' 29 1/6" ✓
1) 144° 19' 10"
4) 217° 15' 10"
144° 18' 47 1/2"
6) 145° 53' 00"
144° 18' 50" ✓

AUTO RANGER
949.01 @ 93° 24' 10" = 947.34 ✓
1246.20 @ 90° 41' 30" = 1246.11 ✓

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CE 310
76F3095-4/73

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1-3, '08 S.M.

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Notes Ck'd by L.F. RAMOS	Survey of ALISO CANYON ROAD F.B. 4410 PG. 81
Map No.	JN 1518.06 Tape 118 Std 84 °F
Office Work	Surveyed by COVEY
Checked R.G. HILARIO	Notes JRC Date AUGUST '84
Date	Indexed H. HOLMAN SEP 25 1984

W.S. 80, C-2

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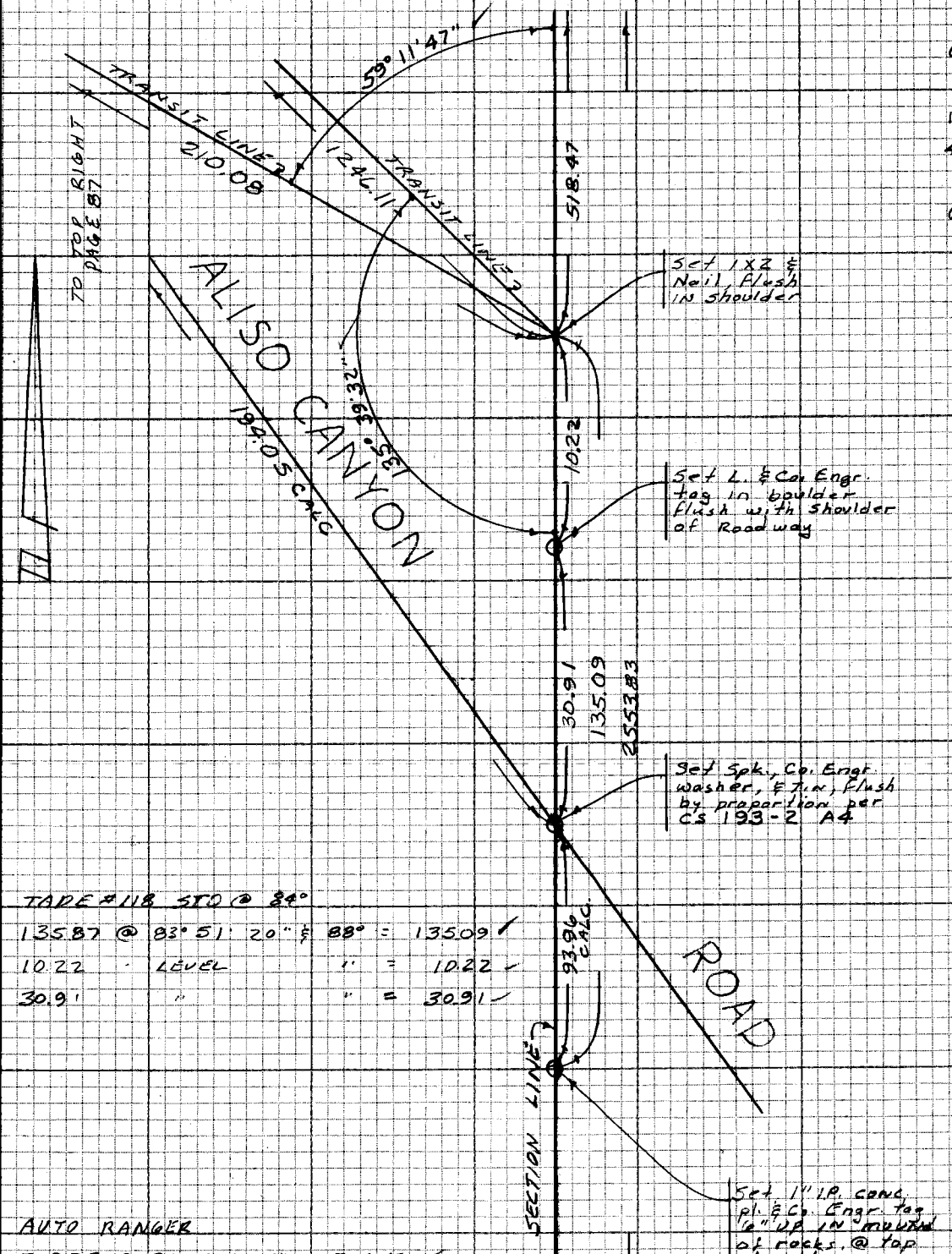
CE 310
76F 3095-4/73

TO RIGHT SIDE PAGE 80

1) 59° 11' 30"
4) 236° 47' 25"
59° 11' 51 1/4" ✓
6) 355° 10' 40"
59° 11' 46 2/3" ✓

1) 135° 40' 00"
4) 182° 38' 05"
135° 39' 31 1/4"
6) 93° 57' 10"
135° 39' 31 2/3" ✓



TAPE #118 STD @ 84°

135.87 @ 83° 51' 20" & 88° = 135.09 ✓
10.22 " LEVEL " = 10.22 ✓
30.91 " " = 30.91 ✓

AUTO RANGER

520.25 @ 94° 44' 05" = 518.47 ✓

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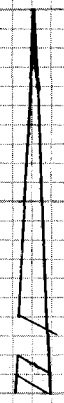
F.B. 4419 PG. 82

TO BOTTOM PAGE 81

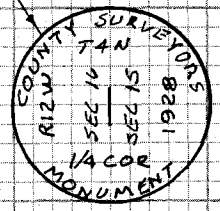


2553.83

Fd new 1x2 & nail, flush, on Ridge No Reference

87.14

1/4 COR
Fd. Co. Surv. man, Flush in mound of stones. Per FB 319-49 Marked as shown



SECTION LINE

AUTO RANGER
256889 @ 90° 12' 25" = 255383 ✓

TAPE # 118 STD @ 84°
90.08 @ 104° 42' 20" & 98° = 87.14 13

CE 310
76F3095-4/73

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Z-708.S.19

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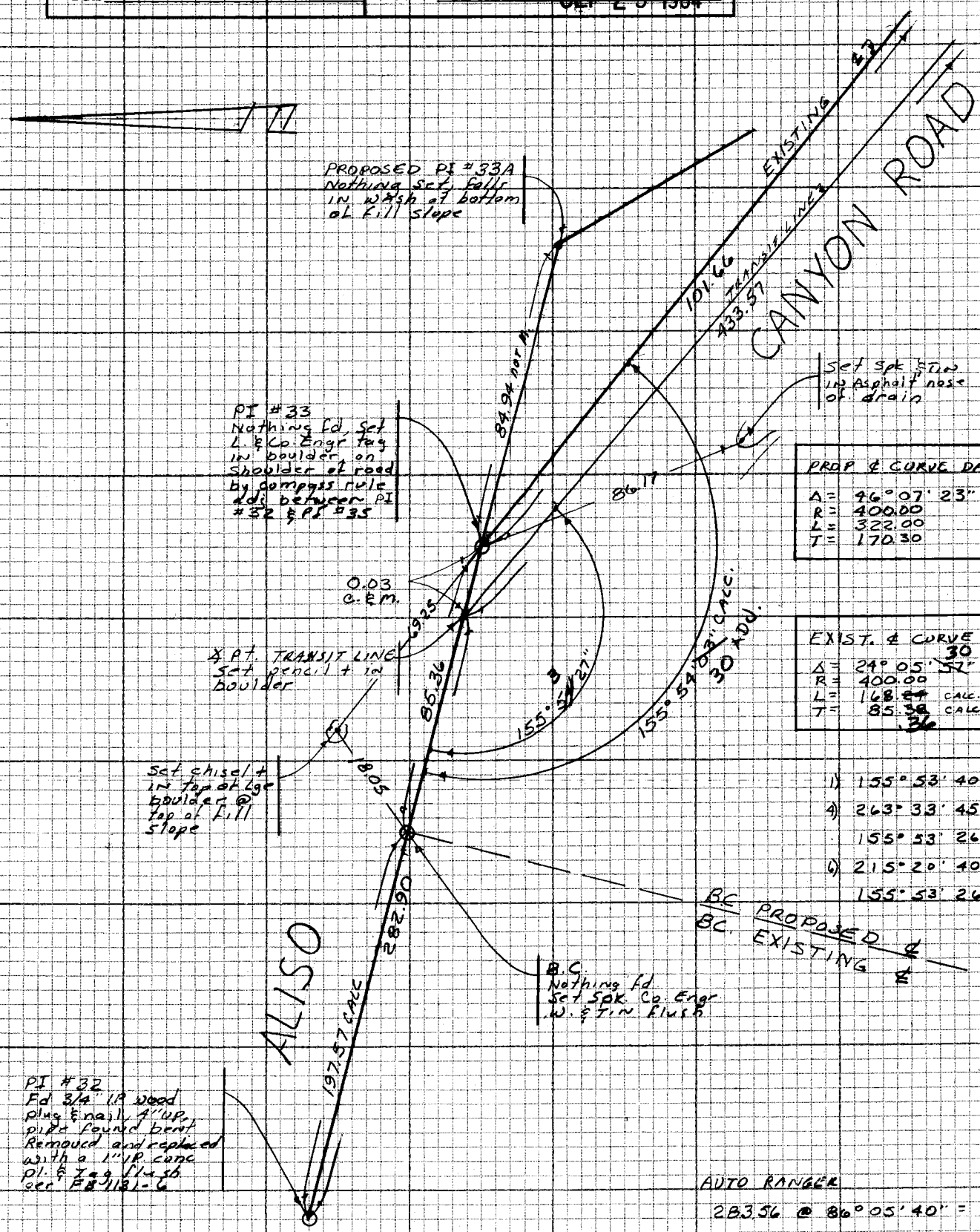
Notes Ck'd by L.F. RAMOS	Survey of ALISO CANYON ROAD
Map No.	JN 1518.06 Tape 118 Std 84 °F
Office Work	Surveyed by COVEY
Checked R.G. HILARIO	Notes J.R.C. Date AUGUST 1984
Date	Indexed H. HOLMAN SEP 25 1984

F.B. 4419 PG. 83

TO BOTTOM LEFT PAGE 79 & 84



PROP ℄ CURVE DATA

Δ = 46° 07' 23"
R = 400.00
L = 322.00
T = 170.30

EXIST. ℄ CURVE DATA

Δ = 24° 05' ~~57"~~ 30 CALC.
R = 400.00
L = 168.~~24~~ CALC. 168.19
T = 85.~~38~~ .36 CALC

1) 155° 53' 40"
4) 263° 33' 45"
155° 53' 26 1/4" ✓
6) 215° 20' 40"
155° 53' 26 2/3" ✓

AUTO RANGER

283.56 @ 86° 05' 40" = 282.90 ✓

TAPE # 118 STD @ 84°

85.36 @ 87° = 85.36
101.66 @ 87° = 101.66
18.05 @ 78° = 18.05
69.25 @ 78° = 69.25
86.17 @ 78° = 86.17

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W.S. 80, C-1

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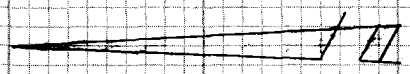
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4419 PG. 84



TAPE #118 STD @ 84°

61.62	@ 80°	=	61.62 ✓
105.56	@ 85°	=	105.56 ✓
105.67	@ 88°	=	105.67 ✓
56.35	@ 85°	=	56.35 ✓
86.88	@ 85°	=	86.88 ✓
37.93	@ 78°	=	37.93 ✓

P.I. #34
Nothing fd. Set 1" IP cons. pl. & Co. Engr tag 6' Rt., by compass rule ddi. between P.I. #32 & P.I. #35

Fd. chis. + in Lg. boulder per Road dept FB 2625-1

37.93

105.67

0.135

362.21

0.005

141° 11' 48"

86.88

105.56

14° 11' 10" CALC.

B.C. EXISTING ℄
Fd Spk. & T. N. per Road dept FB 2625-1

56.35

4 Pt. Transit Line Set 1X2 & P.

Fd chis + in 4" IP gate post per Road dept FB 2625-1

TRANSIT LINE
433.57

B.C.

EXISTING ℄

PROPOSED ℄

164.60 CALC.
EXISTING ℄

601.82 CALC.

E.C.
Nothing set falls on cut Slope

92.49 CALC.

P.O.T. EXISTING & P.O.T. PROPOSED ℄ Set Spk., Co. Engr. W. & Tin, flysh, calculated dist. From P.I. #33

61.62

E.C. PROPOSED ℄

EXISTING P.I. #34 ℄ CURVE DATA	
Δ =	38° 48' 50"
R =	300.00'
L =	203.29'
T =	105.69'

AUTO RANGER

433.81 @ 91° 54' 20" = 433.57 ✓

364.68 @ 83° 19' 25" = 362.21 ✓

1) 141° 12' 10"
4) 204° 47' 20"
141° 11' 50"
4) 127° 10' 50"
141° 11' 48 1/3" ✓

TO TOP RIGHT SIDE PAGE 79 & 83

CE 310
76F 3095-4/73

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SOUTH PAGE 85 LEFT SOUTH 0°

Notes Ck'd by L.F. RAMOS	Survey of ALISO CANYON ROAD
Map No.	JN 15718.06 Tape 118 Std 84° F
Office Work	Surveyed by COVEY
Checked R.G. HILARIO	Notes J.R.C. Date AUGUST 1984
Date	Indexed H. HOLMAN SEP 25 1984

F.B. 4419 PG. 85

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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CENTERLINE NOTES
CE 310
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TO BOTTOM PAGE 86

1) 105° 16' 30" TAPE @ 118 STD @ 84°
A) 61° 05' 00" 58.06 @ 89° = 58.06
105° 16' 15" 63.74 @ 89° = 63.74
6) 271° 37' 45"
105° 16' 17½" ✓

EXISTING ℄ CURVE DATA
Δ = 74° 43' 45"
R = 250.00'
L = 326.07'
T = 190.89'

PROPOSED ℄ CURVE DATA
Δ = 57° 56' 21"
R = 500.00'
L = 505.61'
T = 276.81'

CANYON ROAD

1435.70 CALC
EXISTING ℄ TRANSIT LINE
1435.59
PROPOSED ℄
1424.14 CALC

AUTO RANGER
1435.95 @ 88° 42' 40" = 1435.59

EC
NOTHING FD.

Fd. spk. & T.n. per Road Dept. FB 2625-1

RC NOTHING FD.

105° 16' 18"
105° 16' 15" CALC

PROPOSED PI #35A
Set 2" I.P. conc. pl. & tag, 2" up.

2.00
5.22

ALISO

105.67
0.08
256.68 CALC
EXISTING ℄ TRANSIT LINE
362.21
60.82 CALC
EC EXISTING

58.06
63.74

P.I. #35
Fd. 3/4" I.P. wood plug & Nail, 4" up. Pipe fd. post over removed & replaced with a 1" I.P. conc. pl. & tag flush per FB 1131-6

Set N. & T. in underground Telephone Cable Marker Post

Set N. & T. in P.P. Number Missing

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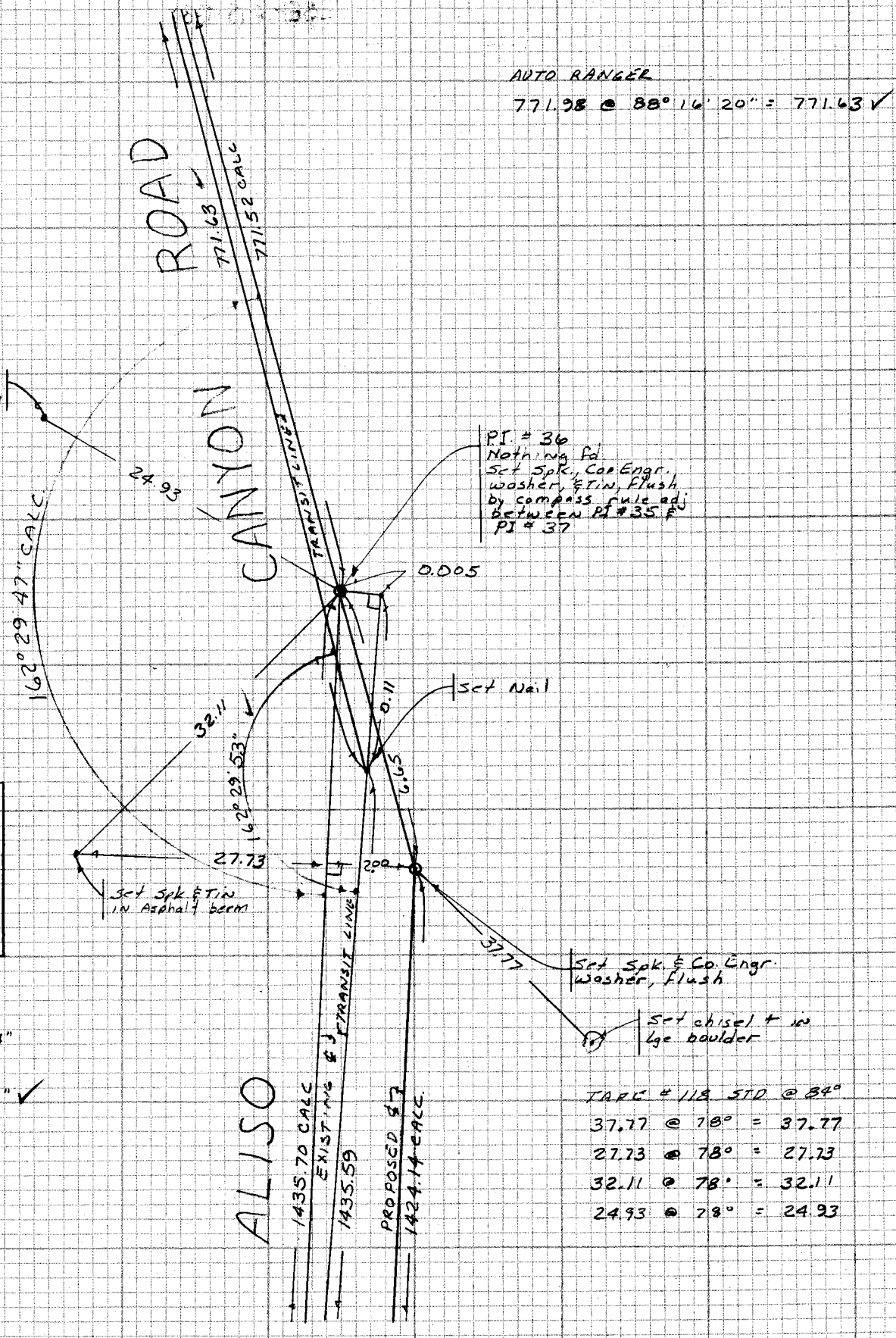
F.B. 4419 PG. 86

TO BOTTOM PAGE 87



AUTO RANGER

771.98 @ 88° 16' 20" = 771.63 ✓

EXISTING AND PROPOSED ℄ CURVE DATA
Δ = 17° 30' 13"
R = 1000.00
L = 305.50'
T = 153.95'

1) 162° 30' 15"
4) 289° 59' 35"
162° 29' 53 3/4"
6) 254° 59' 20"
162° 29' 53 1/3" ✓

TAPE # 118 STD @ 84°

37.77	@ 78°	=	37.77
27.73	@ 78°	=	27.73
32.11	@ 78°	=	32.11
24.93	@ 78°	=	24.93

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CE 310
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2-3-08 S.M.

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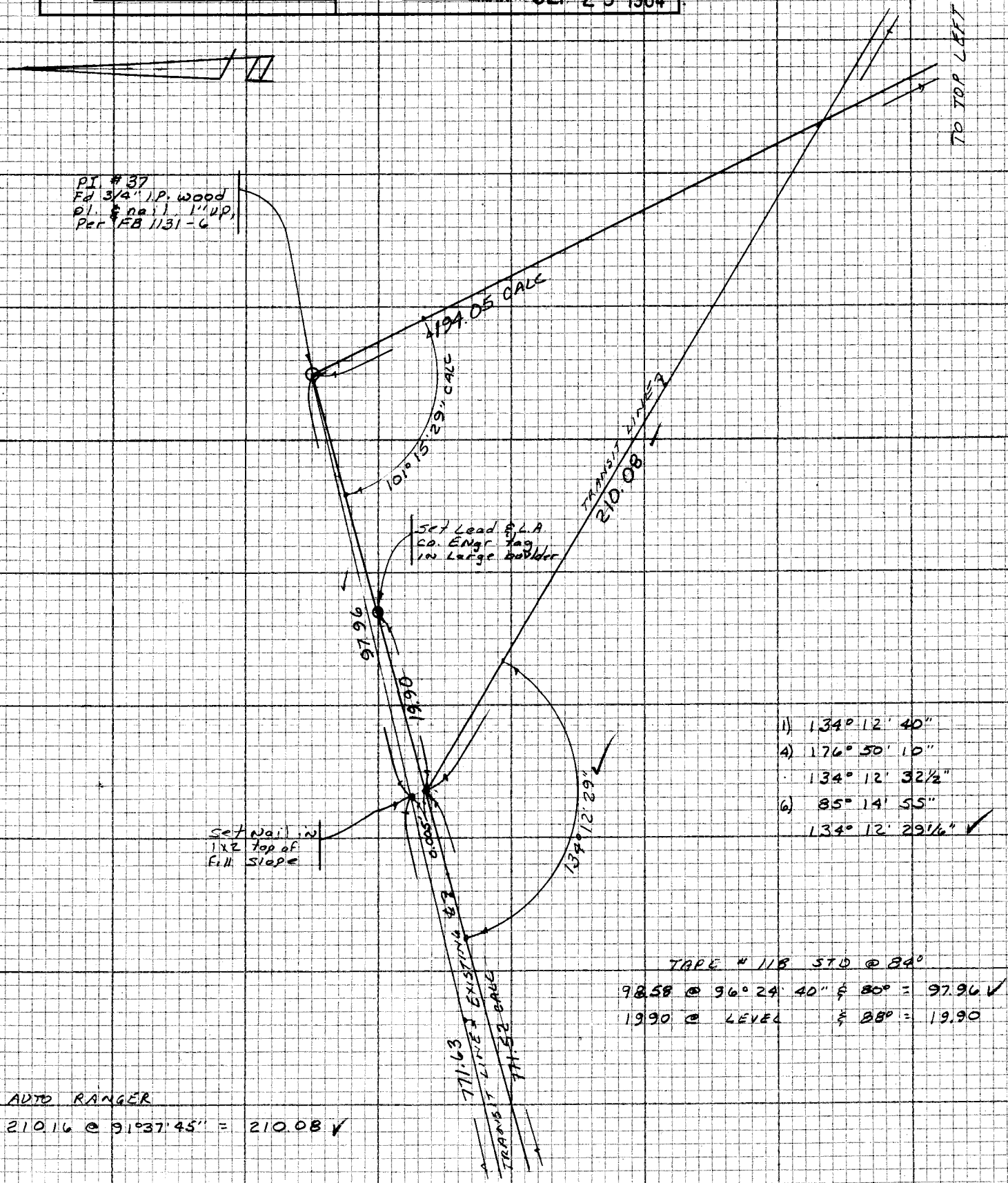
Notes Ck'd by L.F. RAMOS	Survey of ALISO CANYON ROAD	F.B. 4419	PG. 87
Map No.	JN 1518.06 Tape 118 Std 84 °F		
Office Work	Surveyed by COVEY		
Checked R.G. HILARIO	Notes JRC Date AUGUST 1984		
Date	Indexed H. HOLMAN SEP 25 1984		



1) 134° 12' 40"
4) 176° 50' 10"
134° 12' 32½"
6) 85° 14' 55"
134° 12' 29⅙" ✓

TAPE # 118 STD @ 84°
98.58 @ 96° 24' 40" & 80° = 97.96 ✓
19.90 @ LEVEL & 88° = 19.90

AUTO RANGER
210.16 @ 91°37'45" = 210.08 ✓

TO TOP PAGE 86

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W.S. 80, C-2

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CE 310
76F3095-4/73

F.B. 4419 PG. 88

CE 310
76F3095-4/73

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NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of 1/4 COR 24 25 T5N R14W F.B. 4419 PG. 59
Map No.	JN 0302.01 Tape 0137 Std 68 °F
Office Work	Surveyed by COVEY
Checked	Notes JRC Date 7-26-84
Date	Indexed H. HOLMAN SEP 25 1984

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CE 310
76F-3095-4/73

J.N. 030201

1/4 SECTION CORNER

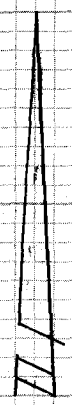
SECTIONS 24, 25

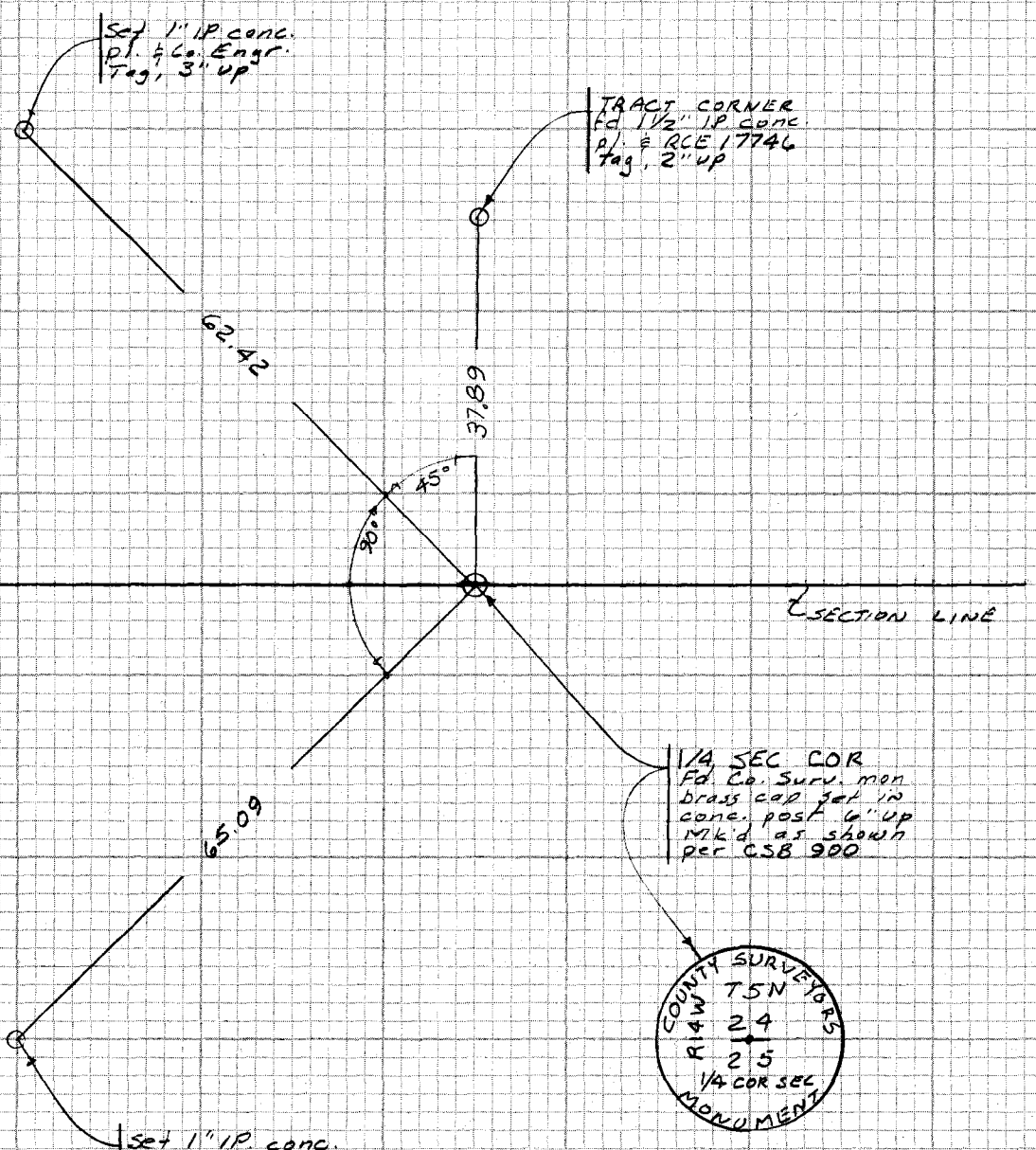
T5N R14W

CONSTRUCTION TIES

COVEY
ALBRIGHT
TALBOT

F.B. 4419 PG. 90





TAPE #137 STD @ 68°			
65.08	@	93°	= 65.09
62.41	@	93°	= 62.42
37.88	@	93°	= 37.89

CE 310
76F3095-4/73

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5-449-5.19

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Notes Ck'd by	Survey of SEC 14, 23 T7N R14W F.B. 4419 PG. 91
Map No.	JN 0208.11 Tape 223 Std 68 °F
Office Work	Surveyed by: COVEY
Checked	Notes JRC Date 8-24-84
Date	Indexed H. HOLMAN SEP 25 1984

J.N. 0208.11

1/4 SECTION CORNER

SECTIONS 14, 23

T7N R14W

CORNER REPLACEMENT

COVEY
ALBRIGHT
TALBOT

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CE 310
76F3095-4/73

F.B. 4419 PG. 92

CE 310
76F 3095-4/73

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4-4-72 W.S.M.