Notes Date
Date Indexed

LOMITA WATERWORKS DIST. NO. 13
5132.95

Index

C.L. - Cypress Ave. fr. Pacific Coast Hwy. S'ly.

Topog. Topog. along S'ly bdry. of Tr. 848.

B.M. Bench levels.

X-Sec. X-Sec. along S'ly bdry. Tr. 848.

W.W.DIST. #13 - APPIAN WAY
BOOSTER SITE 5132.20

Index

Bdry. Boundary Survey of Appian Way Booster Site on Appian Way & Fairgrove Ave.

Index

Levels to estab. Vert. Control for P.T. Sheet H-209

Elevations along 262nd St. E. of Murad to catch basin & along Murad from 262nd St. to Guyson.

Microfilmed Jan '85
D.P.W. O.K. Dec '87

OVER

F.B. [illegible] PG.

W.W. DIST. #13 (Lomita) 5123.28

63-64	Index	Vic. Cypress & 262nd Street
65-72		Bdry. survey
77-84		Bench levels for P.T. J-45

LOMITA SHERIFF'S STATION 0084.39

85-90	B.M.	Bench levels for vert. control for P.T. Shts. H-241:1,2
91-108		Bdry. survey vic. of Narbonne Avenue south of Pacific Coast Hwy.
109-110		Const. staking for Prop. Chlorination Blog. and 10" Steel Pipe at 26112 So. Cypress Street.
111-112		Loc. of Exist. M.H. in Cypress Street @ Sta. 3 + 38.81 to M.H. @ Sta. 4+ 52.00
113-114		Const. Staking in Cypress St. C.C. #8898

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PWFB 0318

761

Notes Ck'd by	Survey of Lomita W. W.D.	F.B. [illegible] Pg. 5
	In. 5132.95 Temp. 0241 Bar 68 °F	
Office Work	Surveyed by English	
Checked	Notes	
Date	Indexed	

LOMITA WATERWORKS

DISTRICT No. 13.

J.N. 5132.95

Survey of the
5'ly. 40' of lots
86 & 87, Tr. 848.

June 26, 1968

English
Clifford
Dupuis

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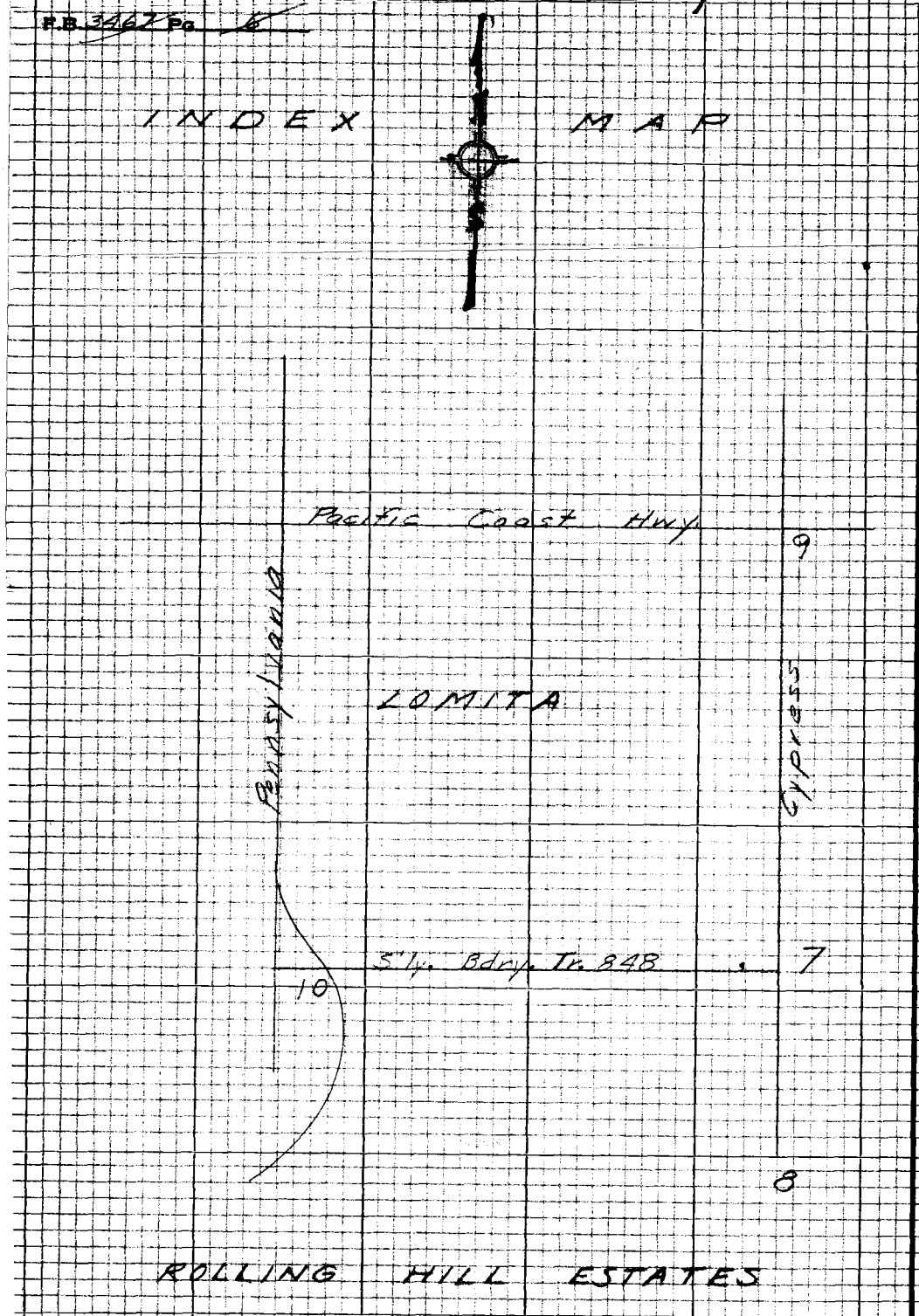
7S2S09S CK #310 5-66

PWFB 0318

762, 763

F.B. 3467 Pg. 6

INDEX MAP



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1205

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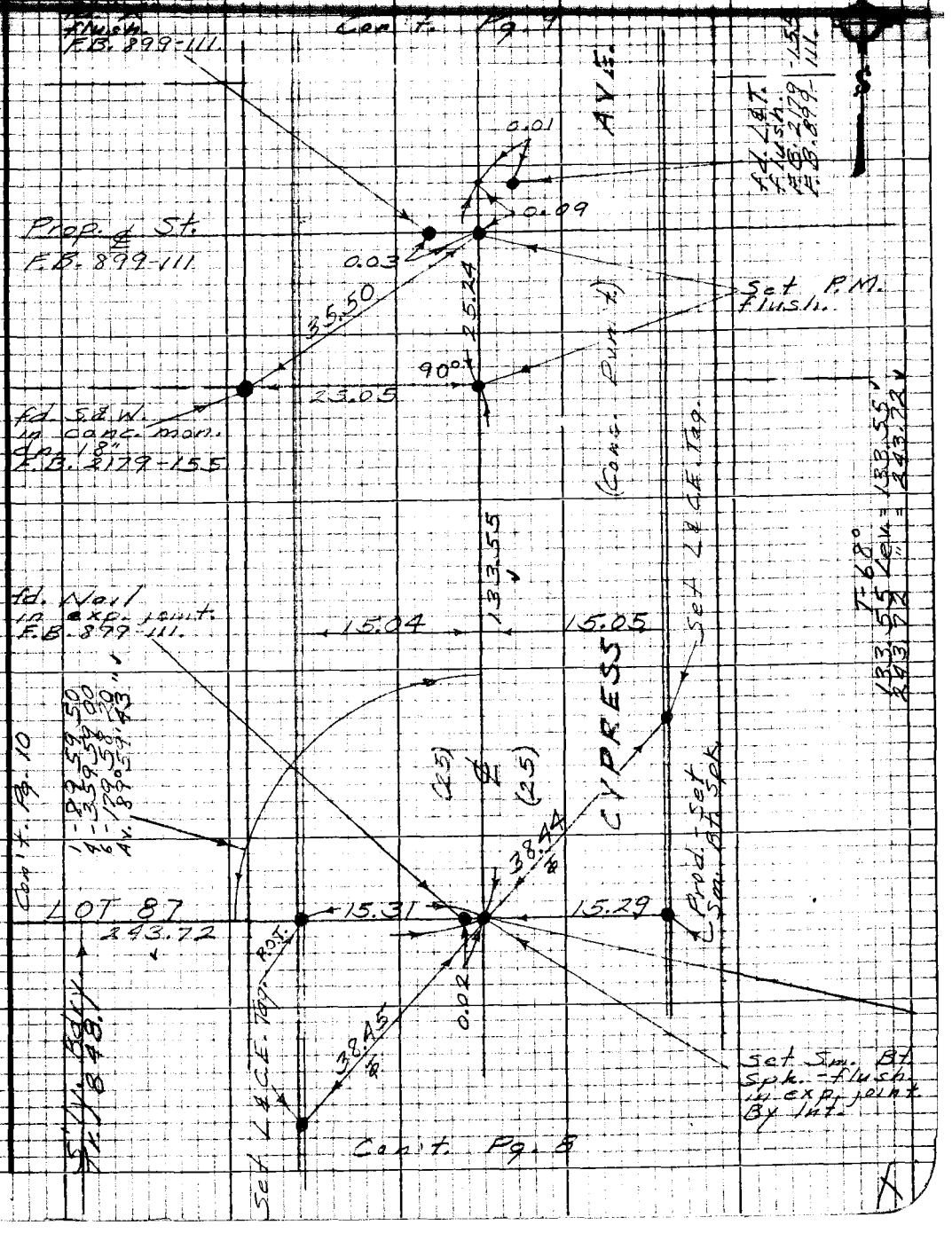
Checked	Notes Ed. Date	
Date	Indexed	



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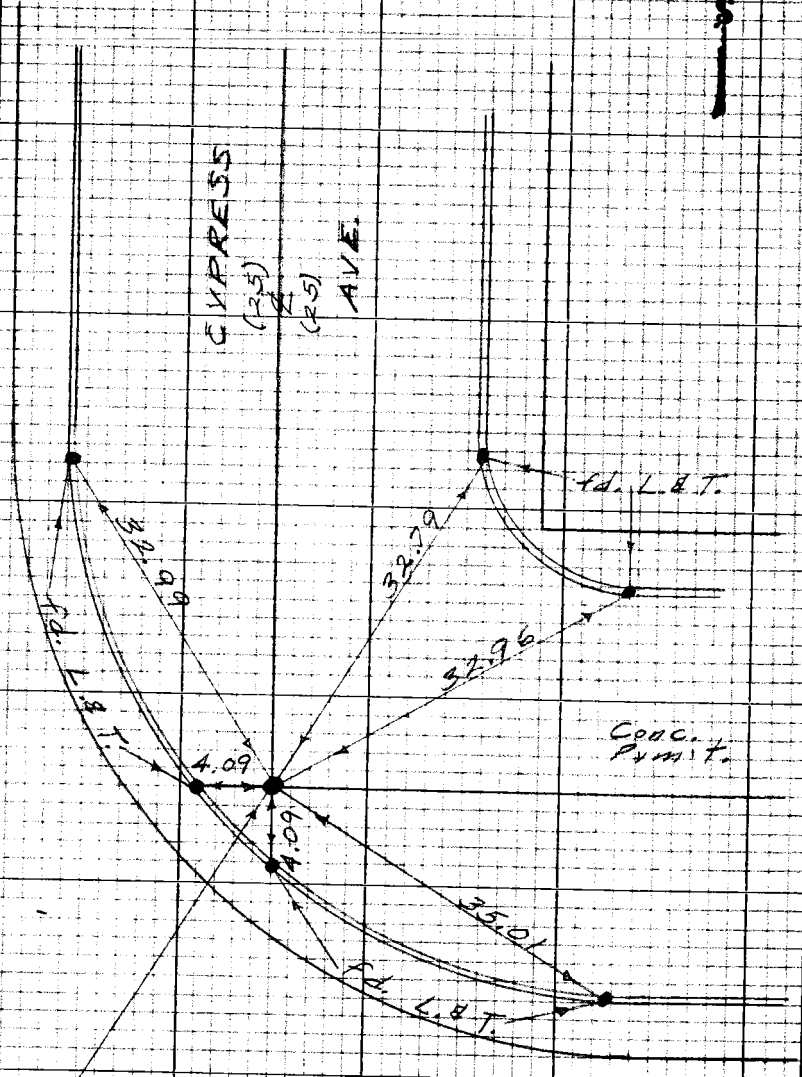
76P3095 CK #310 5-66

PWFB 0319

1206, 1207

F.B. 3467 Pg. 29

Cont. Pg. 1



Fd. Hex Bar in Well with cover marked "County Engineer Monument" AB. 2179-165.

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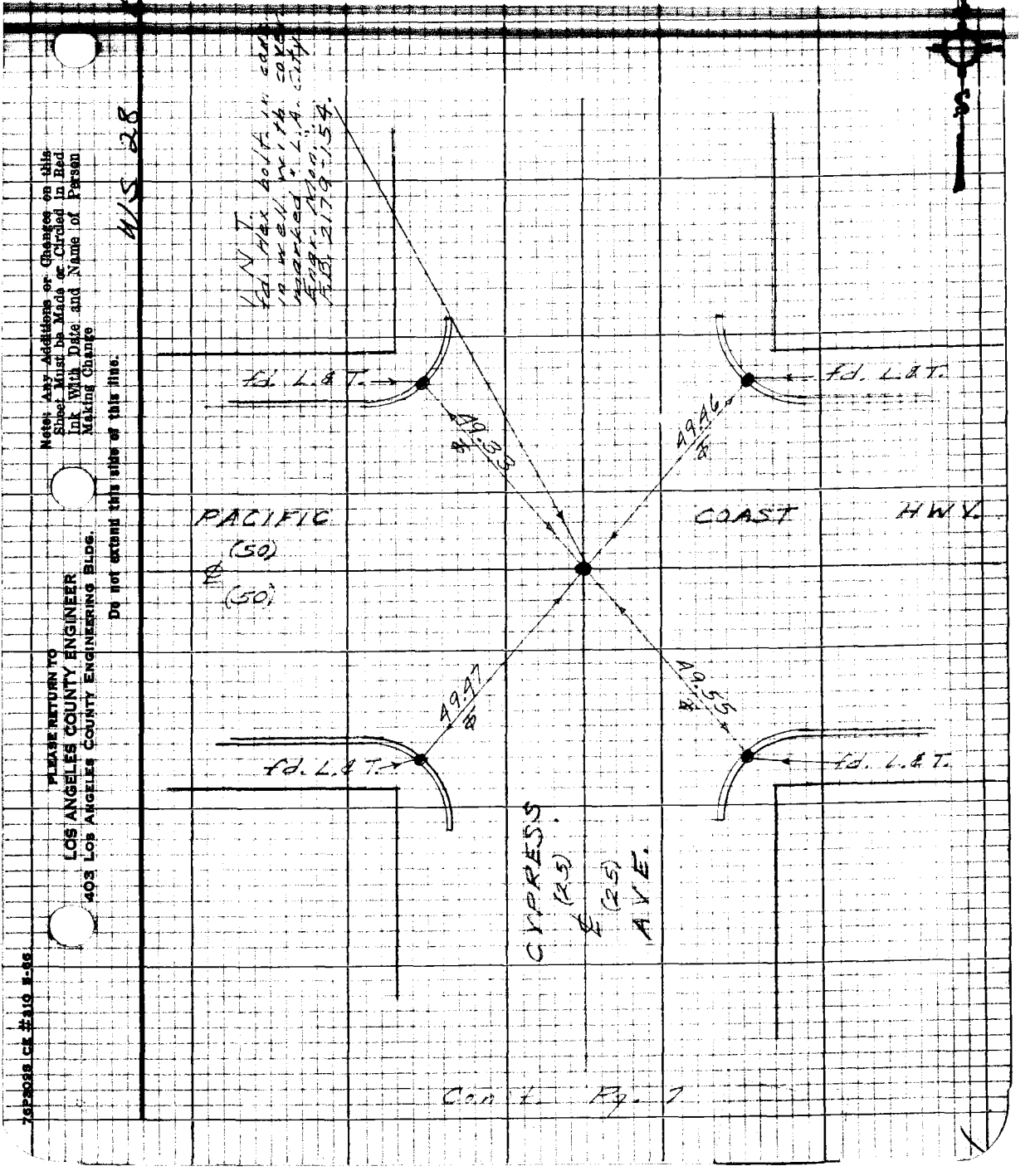
PWFB 0319

1208

Notes Ck'd by D. SAPPELL	Survey of [illegible]	F.B. [illegible] Pg. [illegible]
Map No.	IN 5132.95 Tape 0241 Std 68 °F	
Office Work	Surveyed by	
Checked	Notes [illegible] Date 6-60	
Date	Indexed	



Cont. Pg. 7

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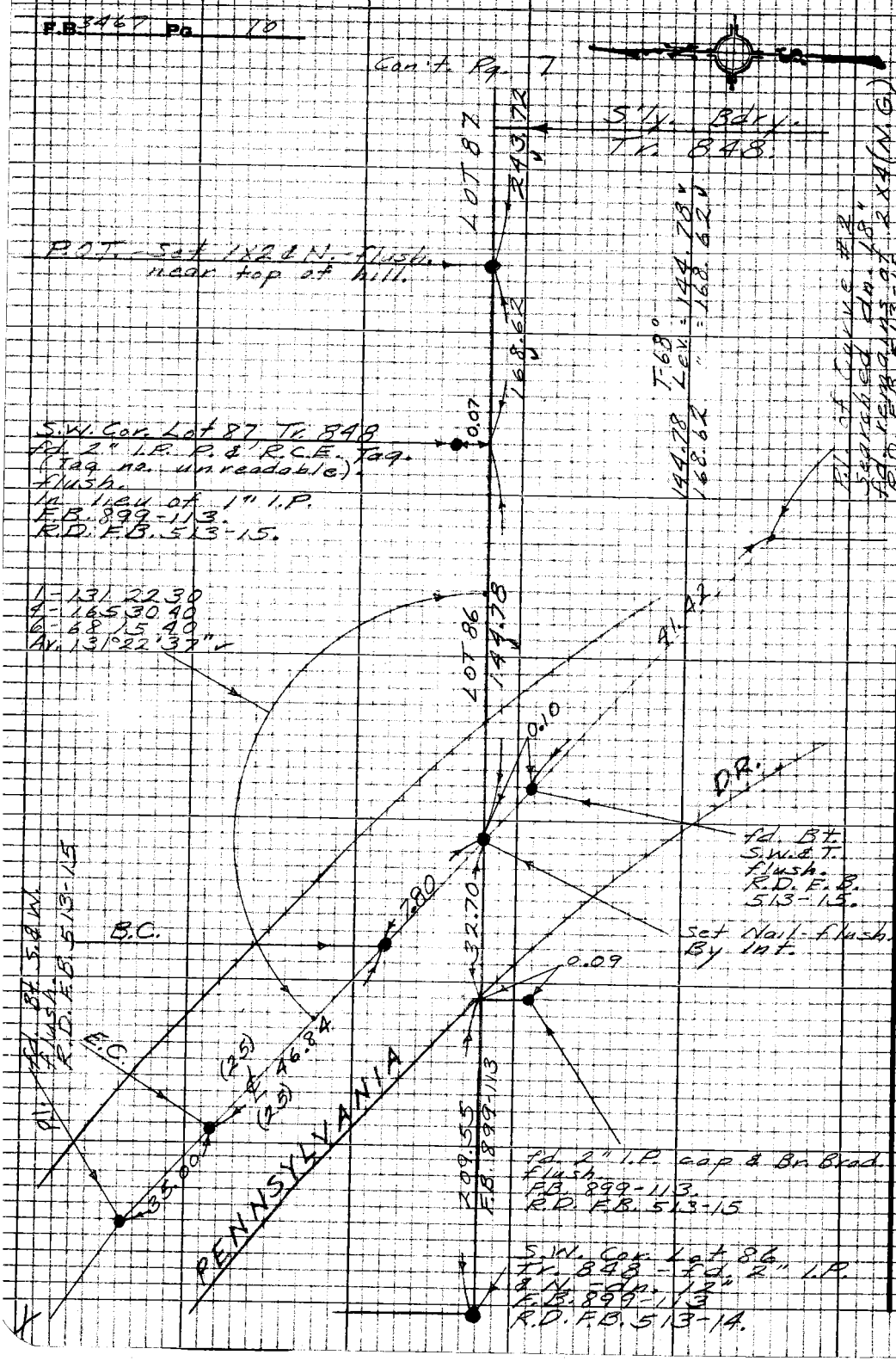
76P3098 CK #310 5-66

F.B. 3467 Pg. 70



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Notes Ck'd by	Survey of Lomita H.W.D.	F.B. 3427 Pg. 11
Map No.	IN 5132.95 Tape 0241 Std. °F	
Office Work	Surveyed by English	
Checked	Notes Ed. 1 Date 1/00	
Date	Indexed	

LOMITA WATERWORKS
DISTRICT No. 13.

J.N. 5132.95

Topography
along S'ly.
Bdry. Tr. 848.
Fr.: Cypress
To: Pennsylvania

July 1, 1968.
English
Dupuis
Clifford

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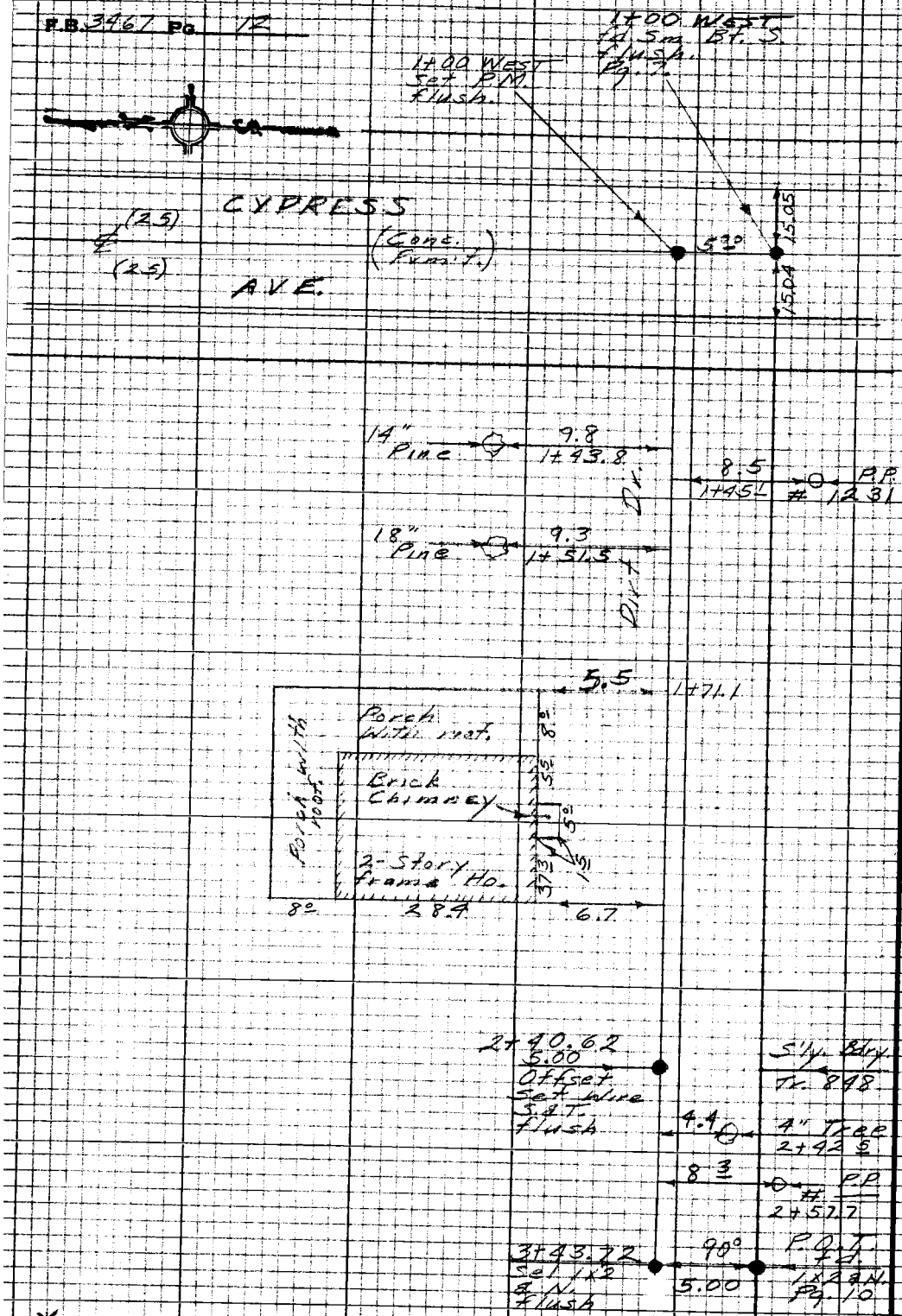
76P3098 CE #310 5-66

F.B. 3467 Pg. 12



Con't Pg. 13

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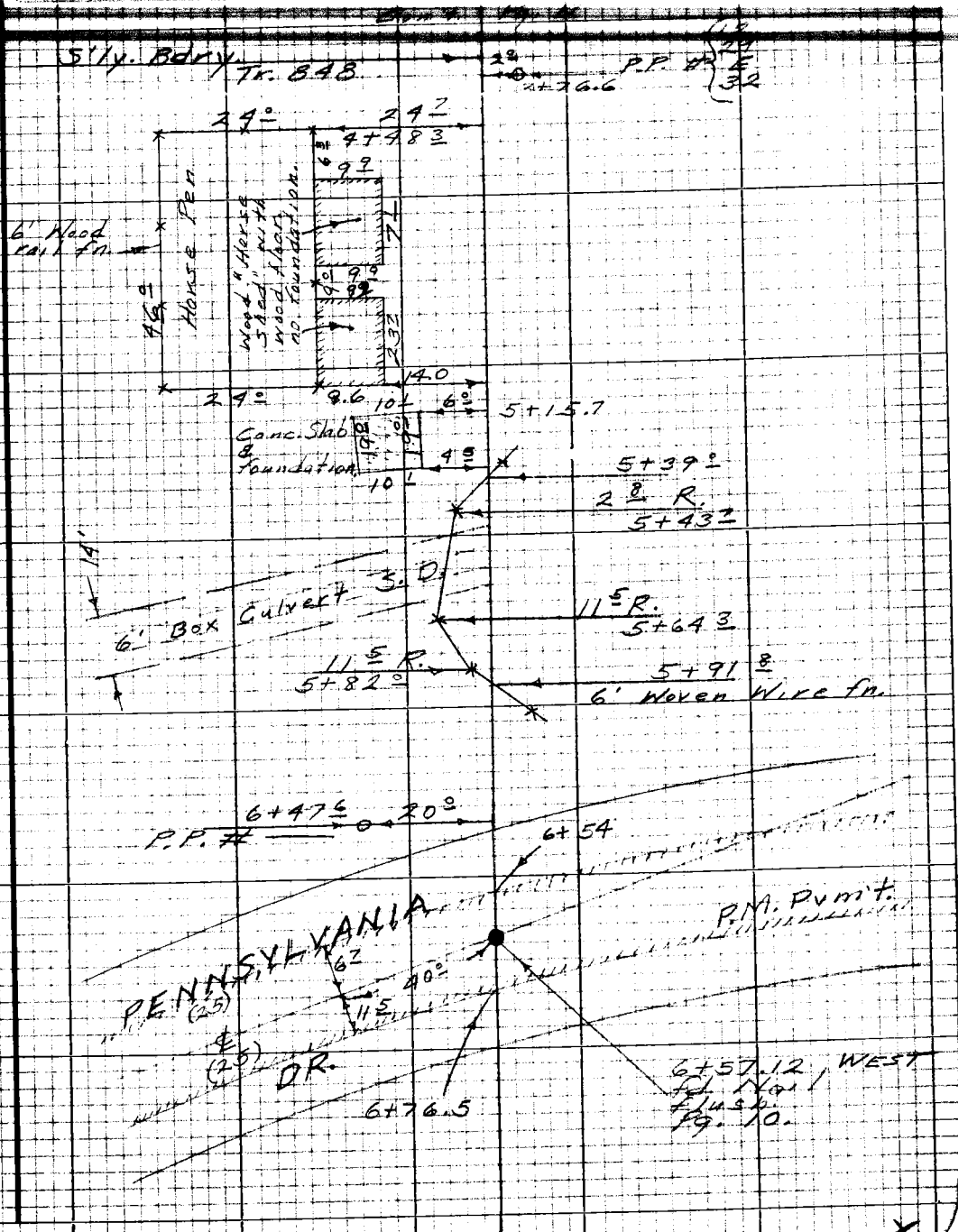
Notes Ck'd by	Survey of [illegible] W. W. D.	F.B. [illegible] Pg. [illegible]
Map No.	Ex. 5132.95 Tape .0241 Std 68 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes Ed. Date [illegible]	
Date	Indexed	



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76P3098 CE #310 8-66

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F.B. 3467 Pg. 14

NOTES RED JOB NO 5132.15 SURVEY OF Lomita W.W.D. F. B. [illegible] PG. [illegible]

DATE SURVEY BY

NOTES CHKD NOTES BY [illegible] DATE 7-68

DATE INDEXED DATE

LOMITA WATERWORKS

DISTRICT No. 13.

J.N. 5132.95

Bench Levels

Road Department Datum

Baseline (1965)

July 2, 1968

English

Dupuis

Clifford

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

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765420 S & E-353 4-54

F. B. 3467 PG. 16

JOB NO. 5132.95 SURVEY OF Lomita W. W. D. NOTES RED.
SURVEY BY English DATE
NOTES BY Ed. DATE 7-68 NOTES CHKD.
INDEXED H. E. OTT DATE DATE

INDEX MAP

Pacific	Coast 19	Hwy. 17
Pennsylvania	Lomita City	Cypress
	18 S'ly. Bdry. Tr. 848	

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

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76S420 S & E-853 4-54

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NOTES RED. JOB NO. SURVEY OF
DATE SURVEY BY
NOTES CHKD. CARDELL NOTES BY DATE
INDEXED DATE
F.B. Pg.

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION Gardena Quad.
fd. BY 3531	135.313	✓ = Baseline (1965)			R.D.	BY 3531, el. = 135.313, R.D.
	3.770		3.649			Pacific Coast Hwy., S. side
⊼	139.083	-3.901	-3.899			215' W. of Cypress St.
	7.671		7.598			L. & B.N. in cb.
fd. BM. BY 3530	131.412	✓			131.422	BY 3530, el = 131.422, R.D.
	6.180		6.138			Pacific Coast Hwy. & Cypress
⊼	137.592	+4.880	+ 4.876			St., N.W. cor., L.& N. in
	1.300		1.262			5' W. of W. end C.R.
T.P. #1	136.292	✓				Spk.
	7.583		7.602			
⊼	143.875	+5.990	+ 5.992			
	1.593		1.610			
T.P. #2	142.282	✓				Spk.
	8.885		8.925			
⊼	151.167	+6.124	+ 6.123			
	2.761		2.802			
T.P. #3	148.406	✓				Spk.
	7.982		8.030			
⊼	156.388	+4.617	+ 4.619			
	3.365		3.411			
T.P. #4	153.023	✓				Spk.
	9.961		9.795			
⊼	162.984	+9.496	+9.494			
	0.465		0.301			
T.P. #5	162.519	✓				Spk.
	11.505		11.288			
⊼	174.024	+10.474	+10.473			
	1.031		0.815			
T.P. #6	172.993	✓				"

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #6	172.993					
	7.531		7.448			
⊼	180.524	+2.700	+2.700			
Set B.M.	4.831		4.748			
B.M. "C"	175.693 ✓				175.689	B.M. "C".
	10.485					Cypress Ave. & 1320' ± So. of
⊼	186.178		10.515			Pacific Coast Hwy. (12' No. of
	1.000	+9.485	+9.487			P.P. # 617348H). Bt. spk. in
T.P. #7	185.178 ✓		1.028			E. cb.
	7.755		7.365			
⊼	192.933	+3.150	+3.146			
Set B.M.	4.605		4.219			
B.M. "B"	188.328 ✓				188.317	B.M. "B"
	0.444		0.539			Cypress Ave. Ho. # 26035 &
⊼	188.772	-10.886	-10.886			140' ± W'lyr. from House
	11.330		11.425			Bt. S.&T. in PP # 1229 E 32
T.P. #8	177.442 ✓					1x2
	0.703		0.729			
⊼	178.145	-5.294	-5.292			
Set	5.997		6.021			
B.M. "A"	172.148 ✓				172.134	B.M. "A"
	3.325		3.380			Pennsylvania Ave., 100' E.
⊼	175.473	-0.144	-0.140			1320' ± No. of Pacific Coast Hwy.
	3.469		3.520			L. & N. in W. end of conc. S.D. H-Wall.
T.P. #9	172.004 ✓					
	0.193		0.300			
⊼	172.197	-10.577	-10.580			
	10.770		10.880			
T.P. #10	161.427 ✓					Spk.

F. B. 3467 PG. 18

JOB NO. 5132.95 SURVEY OF Lomita W.W.D. NOTES RED.
SURVEY BY English DATE
NOTES BY Ed. DATE NOTES CHKD. D. SAPPELLI
INDEXED H. E. OTT DATE DATE 7-14-68

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#10	161.427					
	0.448		0.458			
⊼	161.875	-8.660	-8.663			
	9.108		9.121			
T.P.#11	152.767 ✓					spk.
	1.930		1.962			
⊼	154.697	-6.651	-6.656			
	8.581		8.618			
T.P.#12	146.116 ✓					"
	1.905		1.945			
⊼	148.021	-6.640	-6.635			
	8.545		8.580			
T.P.#13	139.476 ✓					"
	2.288		2.405			
⊼	141.764	-3.531	-3.530			
	5.819		5.935			
T.P.#14	135.945 ✓					"
	6.709		6.765			
⊼	142.654	+1.769	+1.766			
	4.940		4.999			
T.P.#15	137.714 ✓					"
	4.351		4.398			
⊼	142.065	-2.369	-2.364			
B.M.	6.720		6.762			
BY 3531	135.345 ✓				135.313	B.M. BY 3531, el = 135.313
						See: Pg. 17

NOTES RED ____ JOB NO. 3[illegible] SURVEY OF Lomita W.W.V.
DATE ____ SURVEY BY ____
NOTES D. CARDELL NOTES BY [illegible] DATE 7-68
DATE 14 [illegible] INDEXED ____ DATE ____

F.B. ____ PG. 17

F. B. 3467 Pg. 20

JOB NO. 5132.95 SURVEY OF Lomita W.W.D. NOTES RED.

SURVEY BY English DATE

NOTES BY Ed. DATE 7-68 NOTES CHKD.

INDEXED H. E. OTT DATE DATE

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

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765420 S & E-353 4-54

Profile	Notes Red	Plotted	Job No. 5132.95	Division No. 11	F.B. 3467	Pg. 21
No.	Date	Date	Survey of			
Notes Chkd.	Checked		Survey by English	Notes Ed.	Date 2-68	
No.	Date	Date	Map No.	Indexed	Date	

LOMITA WATERWORKS
DISTRICT No. 13.
J.N. 5132.95

Cross Sections
along S'ly.
Bdry. Tr. 848.
Fr. Cypress.
To. Pennsylvania.

ELEV.

F.S.

July 2, 1968
English

H.I.

Clifford
Dupuis

B.S.

STATION

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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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F. B. 3467 Pg. 22 | 5132.95
Survey of Lomita | Job No. | Division No. W.W.D. #13 | Notes Red | Plotted | Profile
Survey by English | Notes Ed. | Date | Date | No. | X-Sec.
Indexed | H. E. OTI | Notes Chkd | Checked
Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	S'ly. Bdry. Tr. 848
B.M. "C"				175 69	B.M. "C", el.= 175.69 (Field el.), Pg. 18
					Cypress Ave. ± 1320' ± So. of Pacific
					Coast Hwy. (12' No. of P.P. # 617348H).
					Bt. spk. in E. cb.
0+85				175 68	T. cb. Bdry.
				175 19	B " "
				172 31	20 R. T. cb.
				171 84	20 " B. cb.
1+00				175 70	Int. Tr. Bdry. & ℄ Cypress — Pg. 72
1+15				175 82	T-cb. (Dr.) Bdry.
				175 60	B. cb.
				172 74	20 R. T. cb.
				172 23	" " B. cb.
2+00				176 2	Bdry.
				176 1	10 R.
2+50				181 3	Bdry.
				178 0	5 R. B. B.
				177 8	10 ".
3+00				184 5	Bdry. T.B.
				178 5	4 R. - B.B.
				177 7	20 "

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	S'ly. Bdry. Tr. 848
3+44				181.2	Bdry.
				180.1	5' R. T.B.
				178.2	8.5 " C.B.
				177.4	20 "
4+00				181.9	Bdry.
				178.7	20' R. Br.
4+50				174.3	Bdry.
				171.2	25' R.
5+00				171.7	Bdry.
				169.8	25' R.
6+00				163.2	Bdry.
				163.0	8 R. Brk.
				156.9	21 " "
				156.0	40 "
6+17				161.7	Bdry. Brk.
6+35				165.2	" "
6+57.12				165.01	Int. Bdry. & ℄ Penn. - Pg. 13
6+83.6				164.45	℄ Penn 30 R.
B.M. "A"				172.15	B.M. "A", el = 172.15, Pg. 1[illegible]

Profile No. Notes Red Date Plotted Date Job No. 3152.73 Division No. 11 F.B. 3467 Pg. 23
Notes Chkd. Date Checked Date Survey of Survey by Ergish Notes Ed. Date 8-6-8
No. Date Date Map No. Indexed Date

F. B. 3467 Pg. 24 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76-L-298 CE 307 2-63

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PWFB 0319

1209

F.B. 3467 PG. 25

Notes Chk'd by R. [illegible]
Map No. B-3091
Office Work R. BRIONES
Checked R. MANOR
Date APR 1 [illegible]

Survey of APPIAN WAY PUMP SITE
JN 5132.20 Tape 0256 Std 68 "T"
Surveyed by [illegible]
Notes J. J. B. Date 10-69
Indexed [illegible] GALL OCT 2 8 '69

J.N. 5132.20

APPIAN WAY BOOSTER SITE

WATERWORKS DIST. NO. 13.

(BOUNDARY SURVEY)

(OFFICE REF. LETTER 5371)

PARTY - 10/69

BAZEN

KAPP

TURRILL

CLIFFORD

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76F3098 CE#310 9-67

PWFB 0319

1210, 1211, 1212, 1213

F.B. 3467 Pg. 26

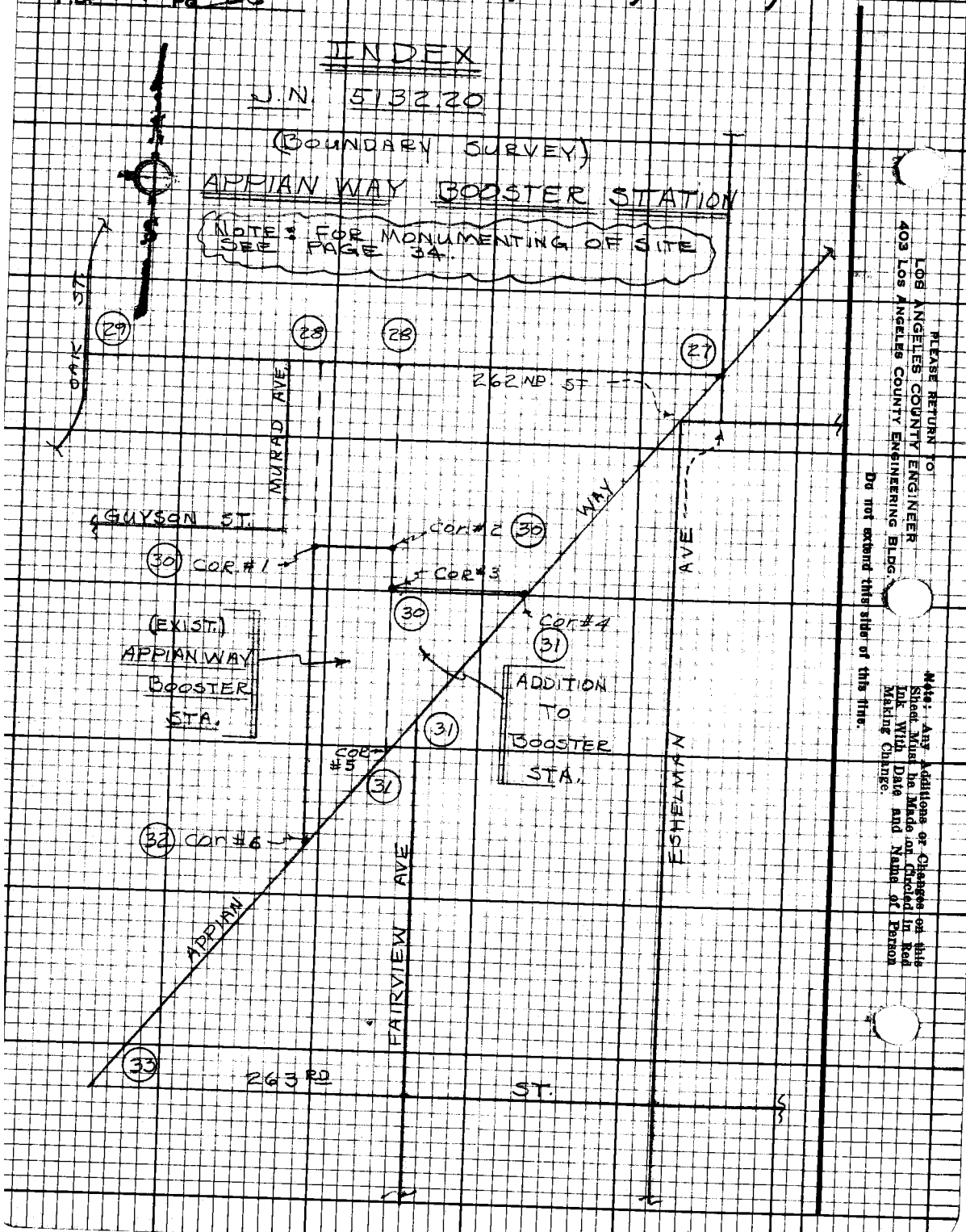
INDEX

J.N. 513220

(BOUNDARY SURVEY)

APPIAN WAY BOOSTER STATION

(NOTE: FOR MONUMENTING OF SITE SEE PAGE 34.)



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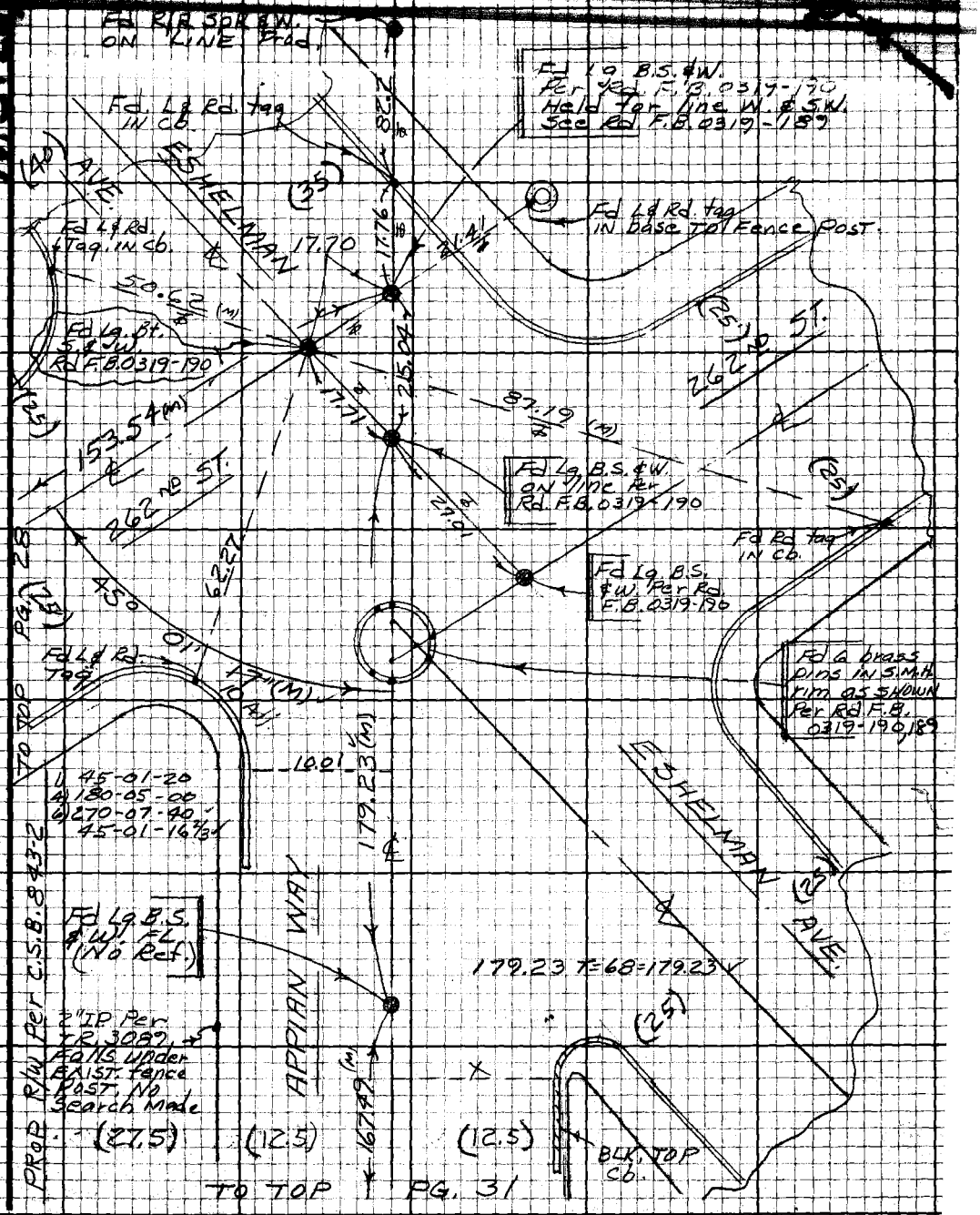
PWFB 0319 1214

Notes Ck'd by R. MANOR
Map No. B-5091
Office Work R. BRIONES
Checked R. MANOR
Date APR 1

Survey of APPIAN WAY PUMP ST. F.B. 3467 PG. 27
JN 513270 Tape 0256 Std 68
Surveyed by [illegible]
Notes J. J. B. Date 9-69
Indexed G. J. GALLI OCT 2 3 '69

W.S. 2-4-3



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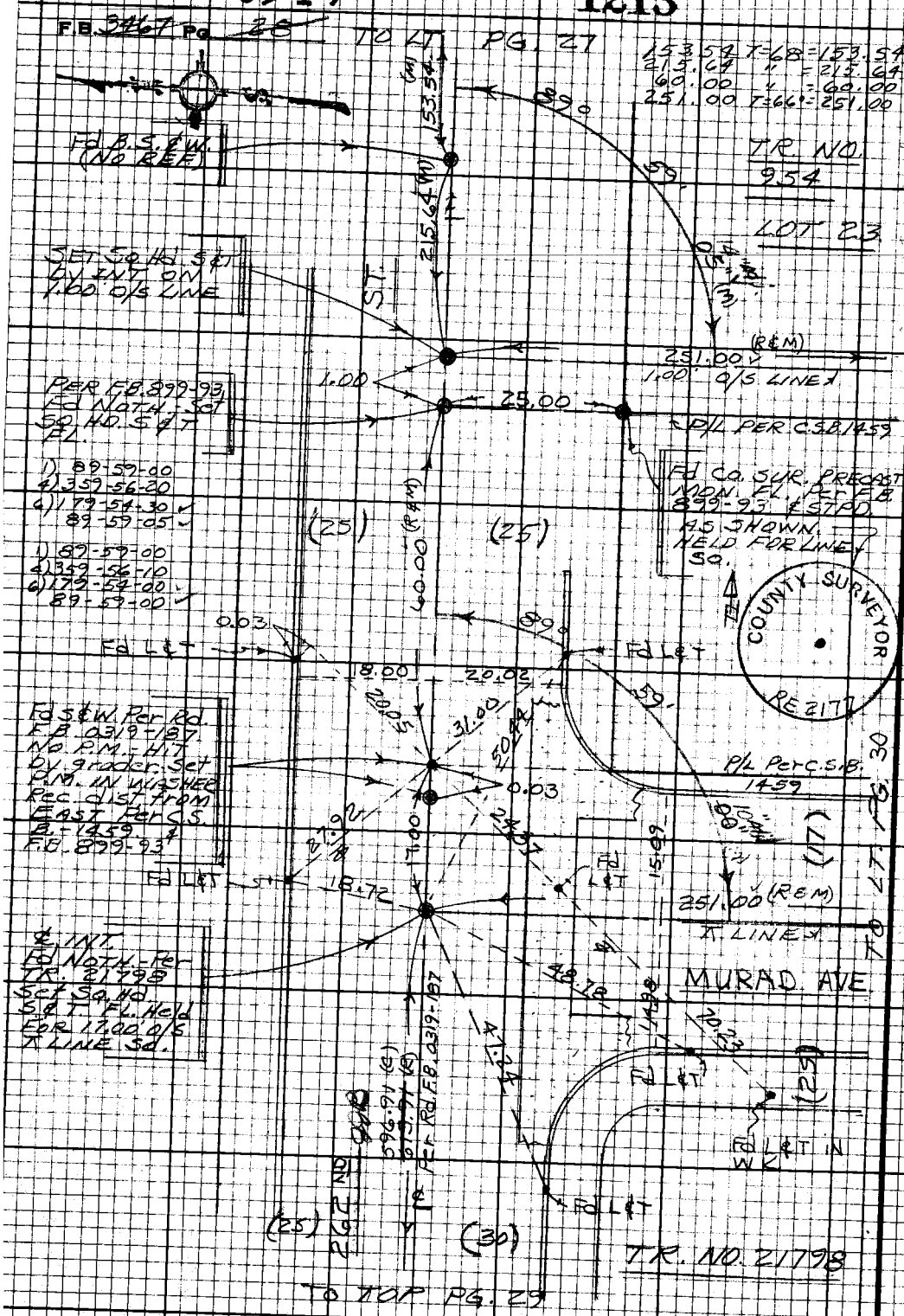
76F3098 CE#310 9-67

PWFB 0319

1215



W.S. 28, A-3

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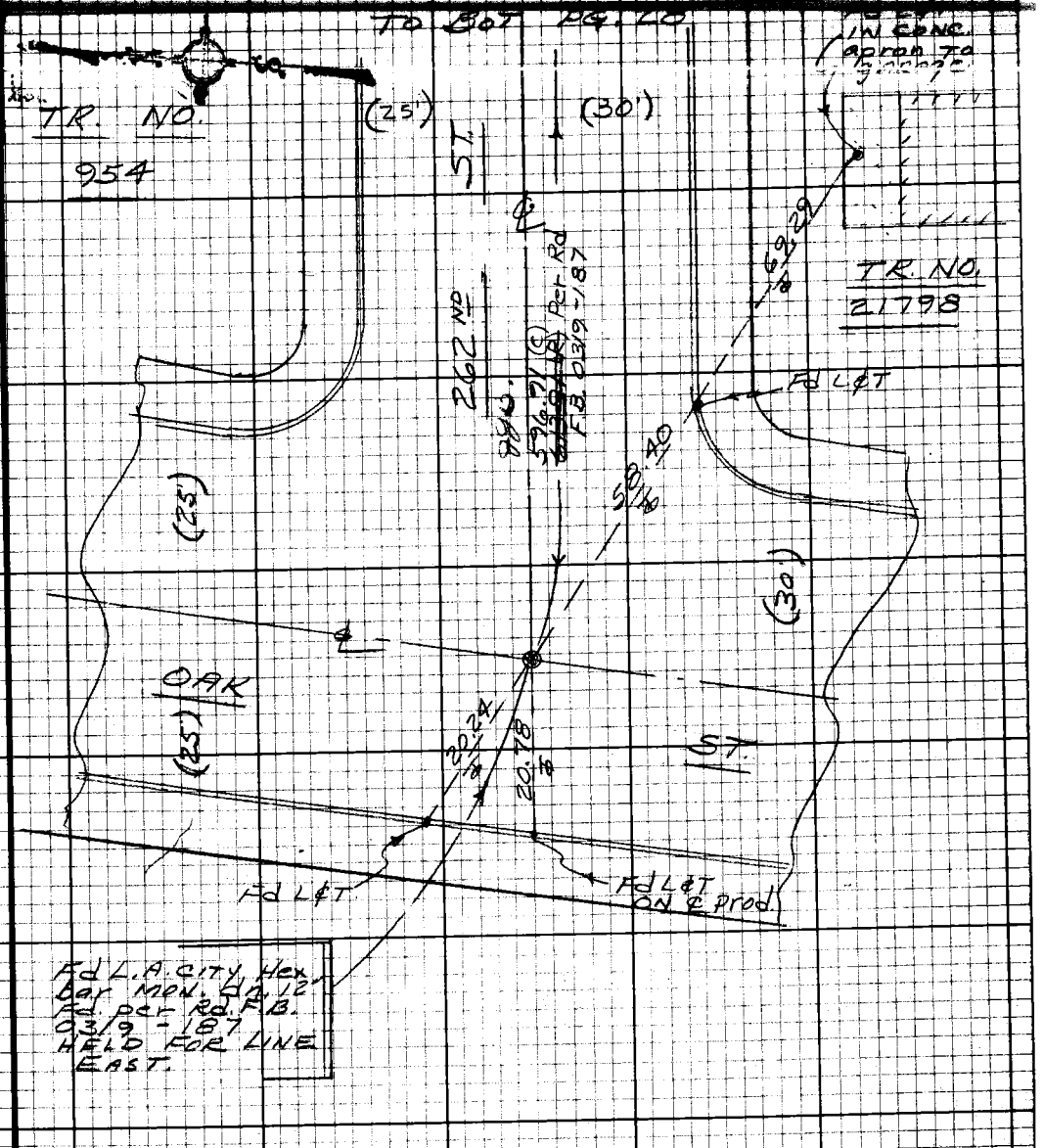
PWFB 0319

1216

Notes Ck'd by R. MANOR
Map No. B-5091
Office Work R. BRIONES
Checked R. MANOR
Date APR

Survey of APPIAN WAY PUMP SITE F.B. 3467 Pg. 29
JN 517 Tape Std °F
Surveyed by J. BAZEN
Notes Date
Indexed C. J. GALLI OCT 2 8 '69



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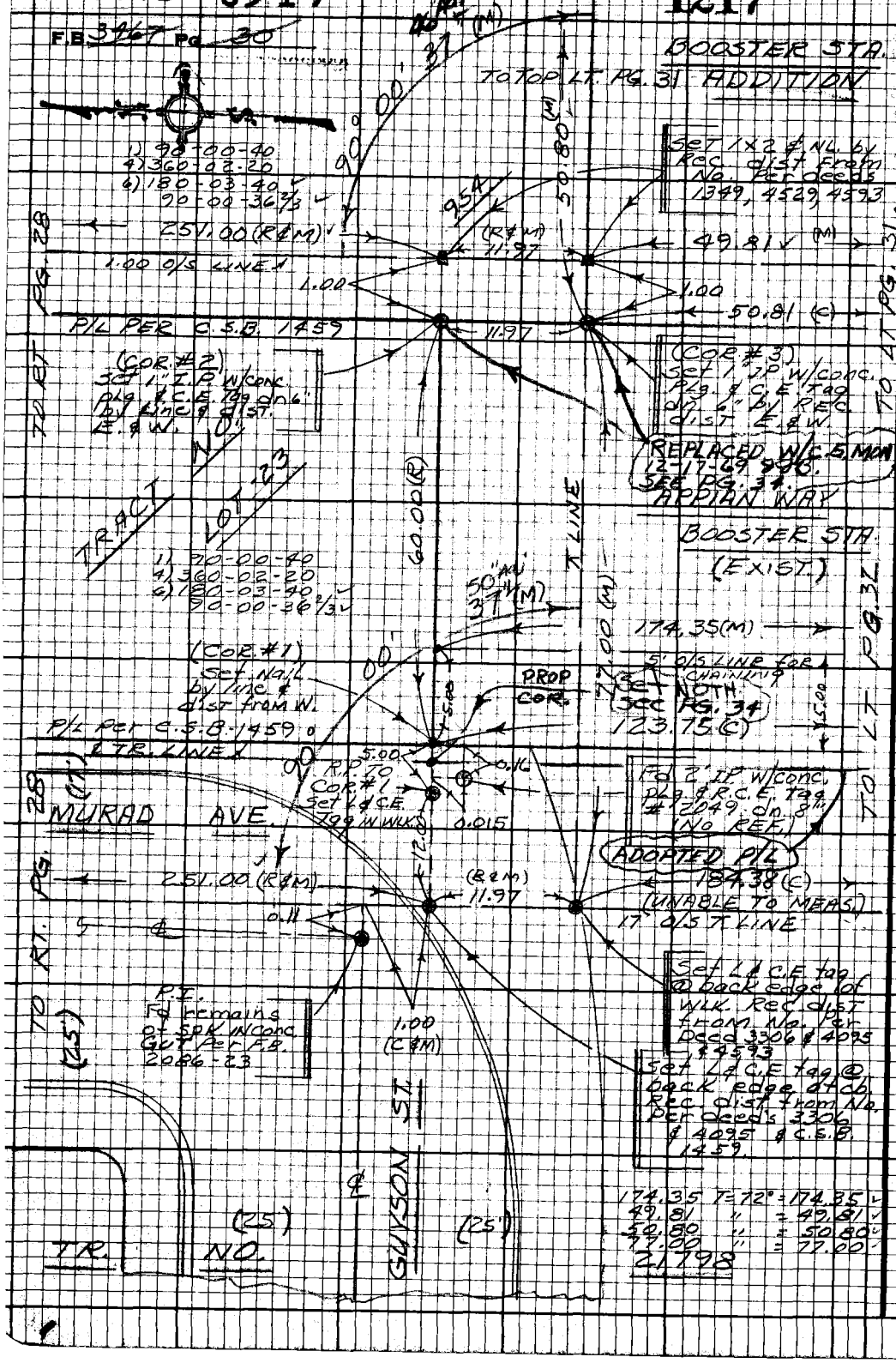
76F3098 CE# 310 9-67

PWFB 0319

1217



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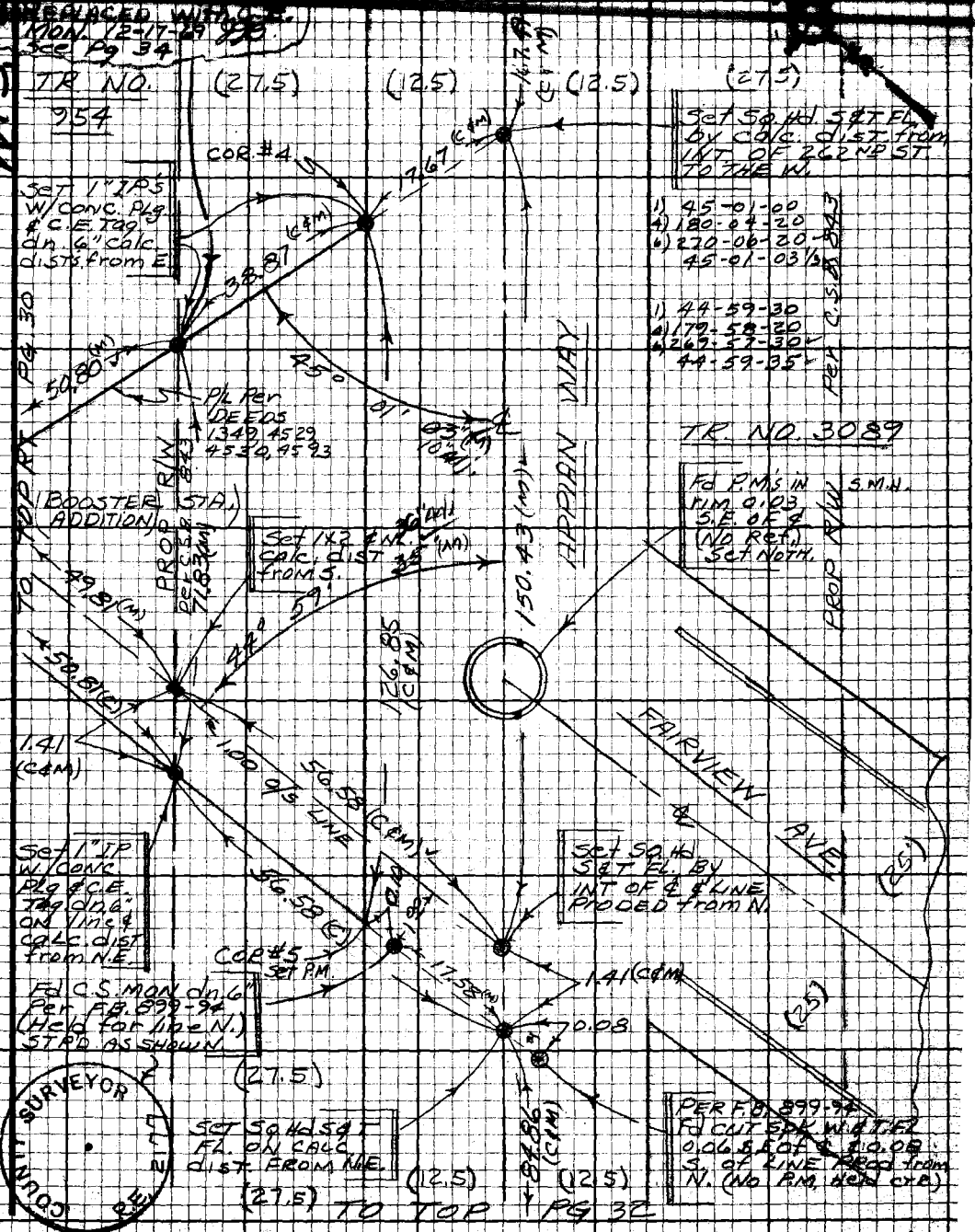
PWFB 0319 1218

Notes Sent by R. MANOR	Survey of APPIAN WAY
Map No. B-3091	JN 5182.20 Tape 0256 Std 68
Office Work R. BRIONES	Surveyed by
Checked R. MANOR	Notes J. B. Date 10-69
Date APR 1 1970	Indexed C. J. GALLI OCT 2 8 '69

F.B. 3467 Pg. 31

150.43 T-68-150.43

REPLACED WITH C.E. MON. 12-17-69 See Pg 34



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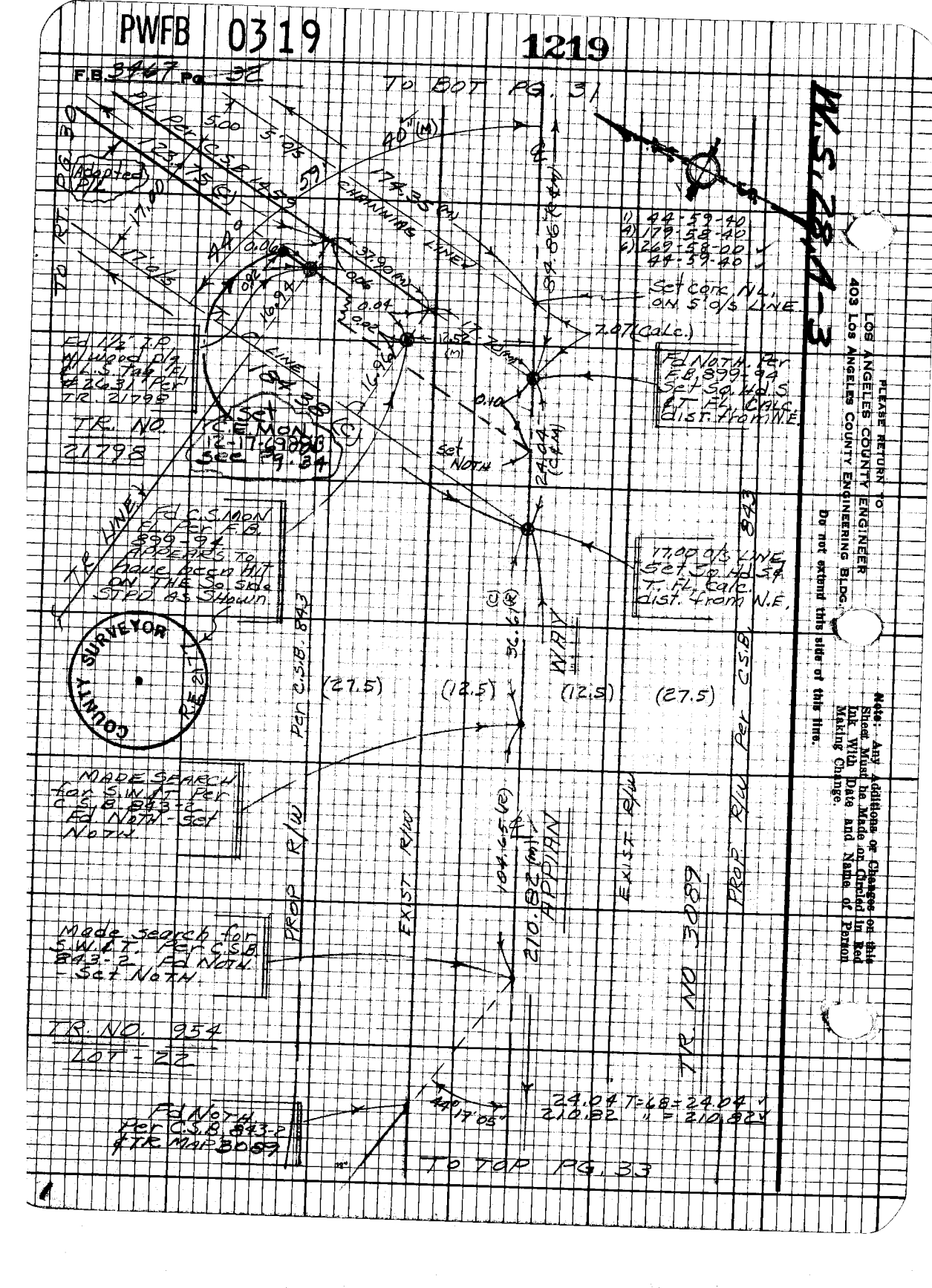
76F3098 CE#310 9-67

PWFB 0319

1219

F.B. 344 Pg. 32

To Bot Pg. 31



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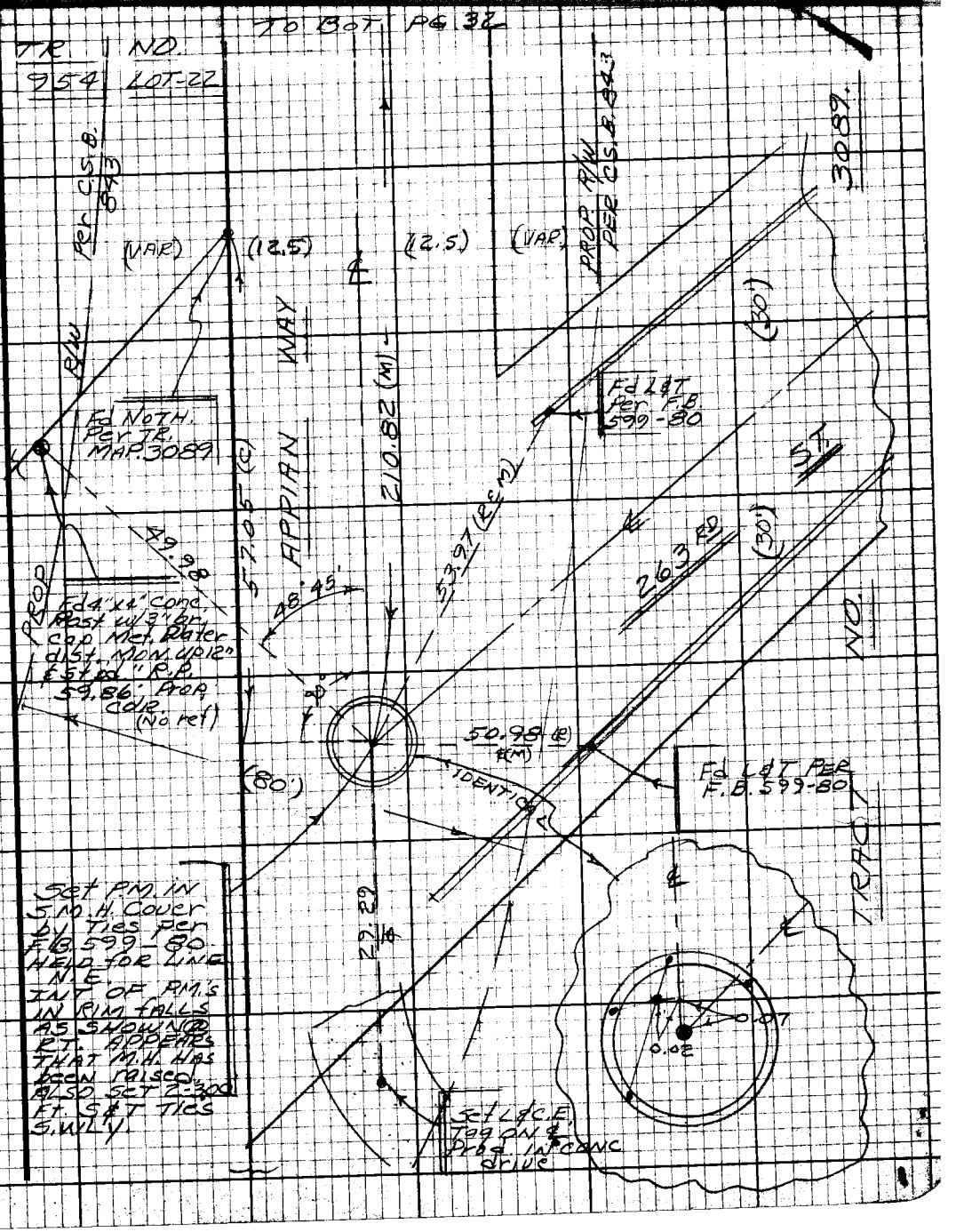
PWFB 0319 1220, 1221

F.B. 3467 PG. 35

Notes Chk'd by R. MANOR
Map No. B-5001
Office Work R. BRIONES
Checked
Date APR 1 1970

Survey of APPIAN WAY PUMP SITE
JN 4142-20 Tape 0256 Std 68°F
Surveyed by J. GALLI
Notes J.J.B. Date 10-69
Indexed C.J. GALLI OCT 28 '69

W.S. 2 A-3



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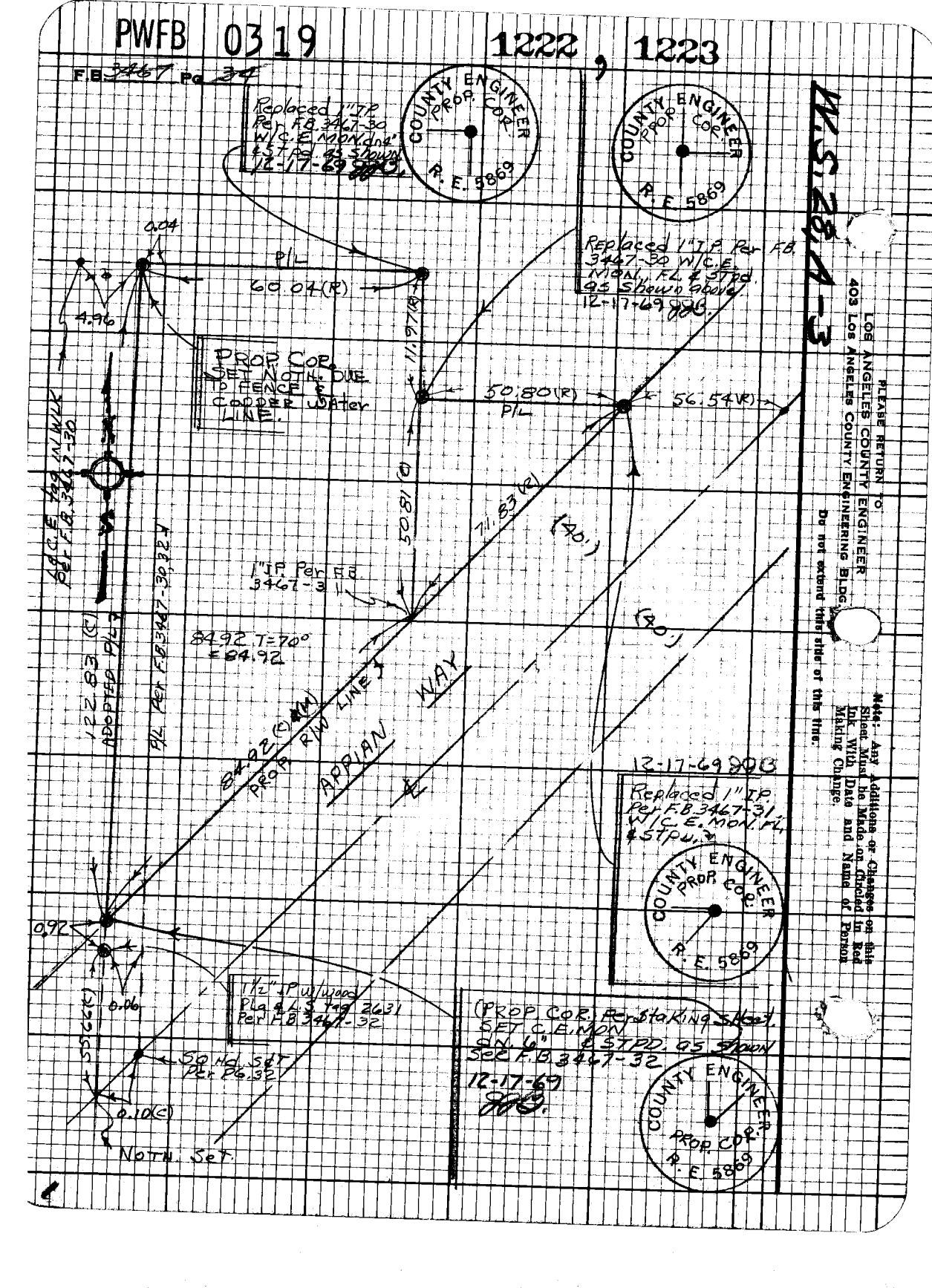
76F3098 CE#310 9-67

PWFB 0319

1222, 1223

F.B. 3467 Pg. 32



F. B. 3467 PG. 35

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5132.20 Division No. 11

X-Sec. No. ____ Notes Chk'd ____ Date ____ Checked ____ Date ____ Survey of APPIAN WAY PUMP SITE Survey by K. MYERS Notes K.M. Date 10/21/69 Map No. ____ Indexed C. J. GALLI Date NOV 18 '69

APPIAN WAY PUMP SITE

J.N. 5132.20

OCT 1969

LEVELS TO ESTABLISH VERTICAL CONTROL FOR PLANE TABLE SHEET # H-209

PARTY:

K. MYERS

D. LE GAULT

G. MERINO

M. BUSTRUM

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

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76-L-298 CE 307 5-66

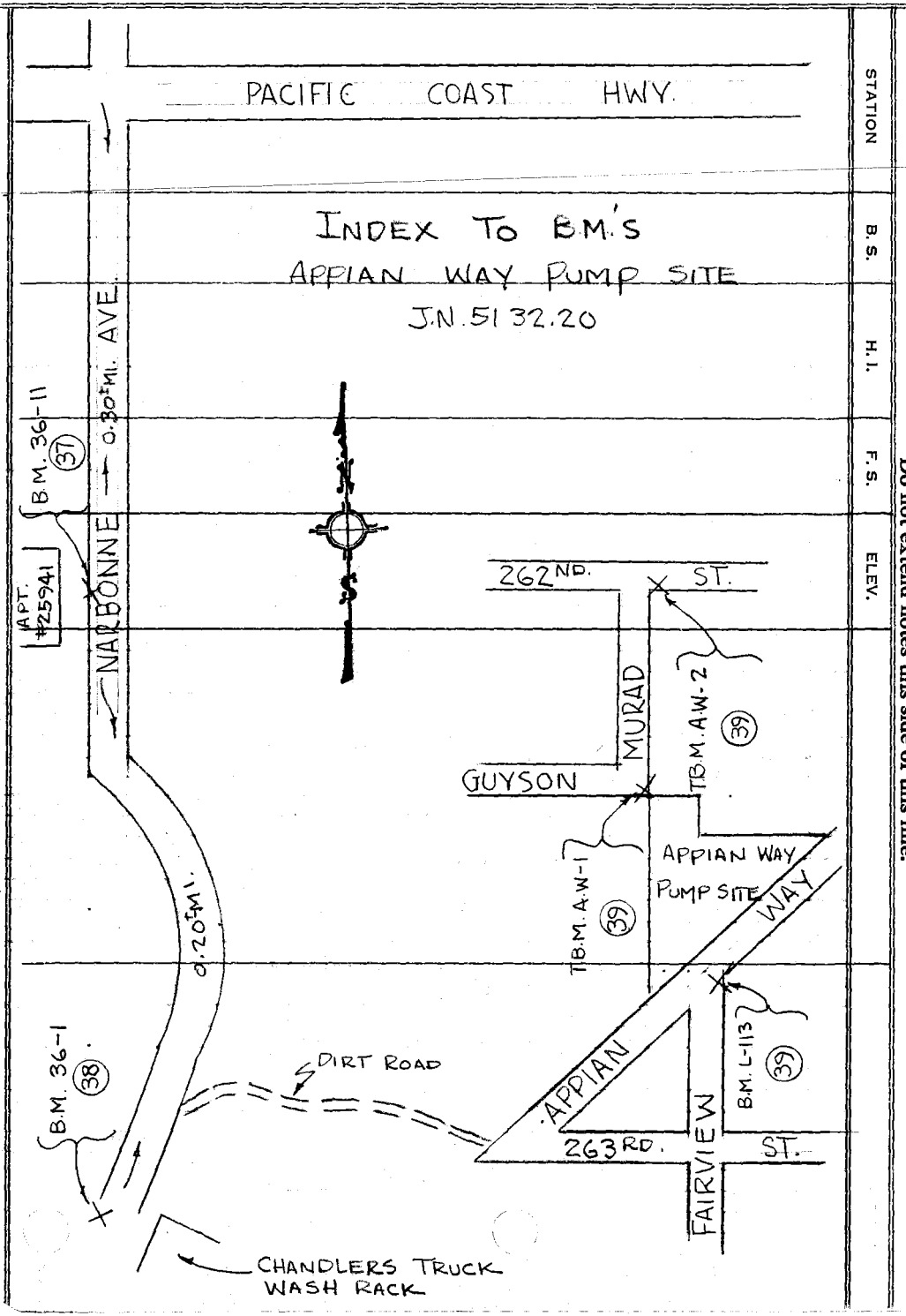
F. B. 3467 PG. 36

Job No. 5132.20 Division No. 11 Notes Red Plotted Profile

Survey of APPIAN WAY PUMP SITE Date Date No.

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

Indexed C. J. GALLI Date Date Date No.



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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	APPIAN WAY PUMP SITE
(B) B.M. (FD) 36-11	6 983			140 992	B.M. 36-11, 1965 ADJ. EL.=140.992 F.B. 3700
		147 975			NARBONNE AVE., ON THE WEST SIDE IN F
(G) T.P.	8 762		3264	144 711	OF APT. HSE. # 25941, AN L.A. CO. ENGR. BR. C
		153473			IN THE NORTH WALL OF A STORM DRAIN CAT
(B) T.P.	11 332		0 699	152 774	BASIN, 1.5 FT. WEST OF THE WEST CURB L
		164 106			
(G) T.P.	10 572		0 212	163 894	
		174.466			
(B) T.P.	11 503		0 662	173 804	
		185 307			
(G) T.P.	5 678		0 889	184 418	
		190 096			
(B) T.P.	5642		6 118	183.978	
		189 620			
(G) T.P.	8 557		1 900	187 720	
		196 277			
(B) T.P.	9 123		1 997	194 280	
		203403	1.222	PER PEG BOOK (Km) 11/19/69	
(G) T.P.			~~0 222~~	202 181	
X					

Profile Notes Red ____ Plotted ____ Job No. 5132 20 Division No. 11 F. B. 3467 PG. 37
No. ____ Date ____ Date ____ Survey of APPIAN WAY PUMP SITE
X-Sec. Notes Chk'd. ____ Checked ____ Survey by K. MYERS Notes K.M. Date 10/31/69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date 10/1/69

76-L-298 CE 307 5-66

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F. B. 3467 PG. 38 Job No. 5132.20 Division No. 11 Notes Red Plotted Profile
Survey of APPIAN WAY PUMP SITE Date Date No. X-Sec.
Survey by K. MYERS Notes K M. Notes Chk'd. Checked
Indexed C.J. GALLI Date Date Date No.

APPIAN WAY PUMP SITE

STATION	B. S.	H. I.	F. S.	ELEV.	
(G) T.P.	5948			202 181	
		208 129			
(B) (FD.) B.M. 36-1	1 923		4104	204 025	B.M. 36-1, 1965 Adj. EL.= 204.024 F.B. 3700-67 NARBONNE AVE., ABOUT 0.5 MI. SO. OF PACIFIC COAST HWY, ON THE WEST SIDE AT A POWER LINE CROSSING FROM THE CHANDLER'S PALOS VERDES SAND & GRAVEL CO'S. TRUCK WASH RACK, 3.9 FT. N.W'LY. OF A FIRE HYDRANT, 3.6' N.W'LY. OF POWER POLE # 10371 SSE, 1.6' N.W'LY. OF A 5 INCH STEEL CASING PROJECTING ABOUT 30 INCHES ABOVE THE GROUND & UNDER A 6 FT CHAIN LINK FENCE, A U.S. C&GS B.M. DISK, STAMPED "G-168 RESET 1940" SET IN THE TOP OF A 12x12 INCH CONC. POST ABOUT 3 INCHES BELOW SURFACE
		205 947			
(G) T.P.	2 180		8523	197 424	
		199 604			
(B) T.P.	2 003		8891	190 713	
		192 716			
(G) T.P.	7 263		6 770	185946	
		193 209			
(B) T.P.	10 816		4995	188 214	
		199 030			
(G) T.P.	0 334		0 565	198 465	
		198 799			
(B) T.P.	0 518		8629	190 170	
		190 688			
(G) T.P.	0 594	~~18 374~~	9908	180 780	
		181 374			
(B) T.P.			11 029	170 345	

76-L-298 CE 307 5-66

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26.4

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STATION	B. S.	H. I.	F. S.	ELEV.	APPIAN WAY PUMP SITE
(B) T.P.	3953			170 345	
		174 298			
(G) (FD) B.M. L-113	2571		5 220	169 078 .072 Adj.	EL = 169.072 Adj. B.M. L-113 EL. = ~~169.800~~ ~~F~~ L.B. 753-10
		171 649			APPIAN WAY & FAIRVIEW, N. ELY. COR. B
(B) T.P.	3797		8546	163 103	SPK. IN CURB 1º SLY OF CURB RETURN.
		166 900			
(G) (SET) T.B.M. AW-1	2883		7637	159 263 .257 Adj	T.B.M. A.W-1, EL. = 159.263 F.B. 3467-39
		162 146			MURAD & GUYSON, 1º SLY & 12º ELY. OF
(B) T.P.	3258		7863	154 283	INTERSECTION, A LD. & C.E. TAG IN WALK
		157 541			R.P. TO COR. #1 PER. F.B. 3467-30
(G) T.B.M. A.W.-2	8588		7542	149 999 .992 Adj.	T.B.M. A.W. #2, EL. = 149.992 F.B. 3467-[illegible]
		158 587			MURAD & 262ND ST., S. ELY COR. A L&T [illegible]
(B) T.P.	6989		2,102	156 485	1º ELY OF E. CURB RET.
		163 474			
(G) T.P.	7644		4,646	158 828	
		166 472			
(B) T.P.	8,992		1,688	164 784	
		173 776			
(G) T.P.			0.703	173 073	

X

Profile Notes Red ____ Plotted ____ Job No. 5136.28 Division No. 11
No. ____ Date ____ Date ____ Survey of APPIAN WAY PUMP SITE
X-Sec. Notes Chk'd. ____ Checked ____ Survey by K. MYERS Notes [illegible] Date 11/2/69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible]

F.B. 3467 PG. 39

76-L-298 CE 307 5-66

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F. B. 3467 PG. 40 | Job No. 5132 20 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of APPIAN WAY PUMP SITE Date ____ Date ____ No. ____ X-Sec. ____
Survey by K.MYERS Notes K.M. Notes Chk'd. ____ Checked ____ No. ____
Indexed C.J. GALLI Date ____ Date ____

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
(G) T.P.	4 543			173 073		
		177 .616				
(B) T.P.	11 814		0.127	177 489		
		189 303				
(G) T.P.	7726		4 035	185 268		
		192 994				
(B) T.P.	9.144		0.931	192063		
		201.207				
(G) T.P.	6360		0.632	200 575		
		206 935				
(FD) B.M. 36-1			2.898	204 ~~037~~ .024 Adj	B.M. 36-1, 1965 Adj. EL.= 204.024 F.B. 3700-67 FOR DISCRIPTION SEE	

F. B. 3467 PG. 41

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5132.20 Division No. 11
Date ____ Date ____ Survey of APPIAN WAY PUMP SITE
X-Sec. No. ____ Notes Chk'd ____ Checked ____ Survey by K. MYERS Notes ____ Date NOV 15, 1969
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date NOV 15 '69

APPIAN WAY PUMP SITE

J.N. 5132.20

NOV. 1969

ELEV.'S ALONG SO. GUTTER OF 262ND ST. FROM CATCH BASIN 200± ELY. OF MURAD & ELEV.'S. ALONG EAST GUTTER OF MURAD FROM 262ND ST. TO GUYSON.

REF: F.B. 3467

PARTY: K. MYERS, D. LE GAULT, G. MERINO

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

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76-L-298 CE 307 8-66

F. B. 3467 PG. 42

Job No. 5132.20 Division No. 11 Notes Red Plotted Profile

Survey of APPIAN WAY PUMP SITE Date Date No.

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

Indexed C. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.
0+00 W				

FD. CONC. NAIL FLUSH ON ℄

CATCH BASIN

CONC. X-GUTT.

203.10 M

ST.

2+03.10 W = 2+03.10 SO.
FD. SQ. HD. SPK. ℄T FLUSH
PER F.B. 3467-28

MURAD

251.00

4+54.10 SO.
FD. L&C.E. TAG @
BK. EDGE CONC. CB.
PER F.B. 3467-30

262 ND.

GUYSON

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76-L-298 CE 307 5.66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECT 262ND & MURAD
T.B.M A.W.-2				149 99	T.B.M. A.W.-2, EL.= 149.992, F.B. 3467-39
					MURAD & 262ND ST., S.ELY COR., A L&T
					CB. 1' ELY OF E. CURB RET.
0+00 W					
0+03 W				147 00	(262ND ST.) & CONC. X-GUTT.
				146 31	14' RT. " - " @
				145 75	18° RT. F.L. GUTT. @
		LENKER ROD USED		147 20	10° LT. EDGE CONC. X-GUTT.
0+ 50 W				147 35	&
"				147 ±	12° LT. F.L. (DIRT.)
1+ 00 W				148 06	&
"				147 85	12° LT. F.L. (PVMT.)
1+52 W				149 54	&
"				149 01	20° LT. F.L. CONC. GUTT. (END CURB)
1+64 W				149.38	" " " " " @ CB. RET.
2+03.10 W	& 2+03.10 So.			151 72	& INT. MURAD & 262ND ST. = 2+03.10
2+23 S				151 17	(MURAD) & CONC. X-GUTT.
2+48 S				151 89	&
"				151 16	15° LT. F.L. CONC. GUTT. @ CB. RET.
2+ 52	T.P.			152 02	T.P. & CONC. NAIL

Profile Notes Red _____ Plotted _____ Job No. 5127 Division No. 11
No. _____ Date _____ Date _____ Survey of ARTESIAN WAY PUMP SITE
X-Sec. Notes Chk'd. _____ Checked _____ Survey by K.MYERS Notes K.M. Date Nov. 13, 1969
No. _____ Date _____ Date _____ Map No. _____ Indexed C.J. GALLI Date NOV 18 '69

F.B. 3467 Pg. 43

76-L-298 CE 307 5-66

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F. B. 3467 Pg. 44 | Job No. 5132 20 Division No. 11 Notes Red Plotted Profile
Survey of APPIAN WAY PUMP SITE Date No. X-Sec.
Survey by K. MYERS Notes K.M. Notes Chk'd. Checked
Indexed O. J. GALLI Date Date No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECT 262ND & MURAD	
2+52 I	T.P.			152.02	T.P.	& CONC. NAIL
3+00				152.98		&
"				152.65	15° LT. F.L. (PVMT.)	
3+50				154.39		&
				154.28		7.5 RT ¼ PVMT.
				154.03		15° " F.L. (")
				154.60		15° " T.C.
				154.27	7.5 LT. ¼ PVMT.	
				153.90	15° " F.L. (")	
				154.38	15° " T.C.	
4+00				156.60		&
"				156.16	15° LT. F.L. (PVMT.)	
T.B.M. A.W-1				159.26	T.B.M. A.W.-1, EL.= 159.257, F.B. 3467-39 MURAD & GUYSON, 1° 5'LY. & 12° E'LY. OF & INTERSECTION, A LD. & C.E. TAG IN WALK R.P. TO COR. #1 PER F.B. 3467-30	

LENKER ROD USED

NOTE: FOR ADD'NL. ELEV.'S IN AREA OF MURAD & GUYSON SEE PLANE TABLE SHEET # H-209

X

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0035.91 Division No. 11

Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of LOMITA CIVIC CENTER

Survey by RICHARDS Notes [illegible] Date 2/15/70

Map No. ____ Indexed ____ Date ____

F.B. 345 PG. 5

LOMITA CIVIC CENTER

LEVELS

RICHARDS
WILKS
NUNEZ
LIEBER
BUSTRUM

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

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76-L-298 CE 307 5-66

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F.B. 2967 PG. 56 | Job No. 003591 Division No. 11 Notes Red Plotted Profile
Survey of ZAMITA CIVIC CENTER Date No. X-Sec.
Survey by RICHARDS Notes MILLER Checked No.
Indexed Date Date Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM - BY 3531	4 12	139 43.		135 31	LEBN S Cb. P.C.H. 38' S C/L & 215' W. C/L CYPRESS ST. RD. BASELINE 1965	
B.M. - BY 3530	4 81	136.23.	8 01	131 42.	L&N N. Cb. P.C.H. 5' W Cb. Ret. @ N.W.	
T.P	6 45	134 85.	7 83	12840.	Cor P.C.H. & CYPRESS ST EL.= 131.42 BASELINE 1965	
T.P.	7 73	140 02.	2 56	132 29.		
T.P.	8 12	145 13.	3 01	137 01.		
	5 28	147.12	3 29	141 84.		
L.C.C.# 1	6 18	148 81.	4 49	142 63.	L&T W. CURB. LUCILLE @ 0+00	
L.C.C.# 2	7 75	153 57.	2 99	145 82.	L&T. W CURB LUCILLE @ 3+27 L.S. 2744 @ TRACT LINE	
4+50	5 33	158 75.	0 15	153 42.	W. SPK. & TIN	
	6 02	162 15.	2 62	156 13.		
X Point	5 84	167 25.	0 74	161 41.	0+00 TO EAST OFF THE FENCE	W. SPK & TIN 10'
2+00 E	8 36	172 19.	3 42	163 83.	W. SPK. & TIN	
4+00 E	9 77	179 15.	2 81	169 38.	W. SPK. & TIN	
6+00 E	0 41	177 81.	1 75	177 40.	SQ HD IN ST. AT MANHOLE	
T.P	1 22	169 58	9 45	168 36	SPK	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
		169 58				
T.P.	1 22	159 72	11 08	158 50	SPK.	
T.P.			8 27	151 45	Bolt in fence	
L.C.C. #3	NOT	SET				
	0 37	151 82				
T.P.	4 26	147 97	8 11	143 71	SPK	
B.M. 36-11	0 95	141 94	6 98	140 99	B.M. 36-11 STD. B.C. B.M. IN C.S. W. S. NARBONNE 7-800' FT. SLY. P.C.H.	
T.P.	2 91	136 75	8 10	133 84	SPK	
T.P.	3 71	131 92	8 54	128 21	SPK.	
T.P.	4 20	128 70	7 42	124 50	SPK	
T.P.	5 44	126 15	7 99	120 71	SPK	
B.M. - BY3529			4 86	121 29	L.E.B.H. N. CO. P.C.H. 5' W. CO. RET. @ N. P.C.H. & ~~Cypress~~ Narbonne ST. EL. = 121.28	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3467 Pg. 57
No. ____ Date ____ Date ____ Survey of ____
~~X-Sec.~~ ~~Notes Chk'd.~~ ____ ~~Checked~~ ____ ~~Survey by~~ ____ ~~Notes~~ ____ ~~Date~~ ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 3467 Pg. 58 | Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

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

Indexed Date Date Date No.

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

76-L-298 CE 307 5.66

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Notes Ck'd by R. HILARIO	Survey of [illegible]	F. B. [illegible] PG. 63
Map No. S.O.F.M. 4-16	JN 5132.28 Tape 012 Std. 68 °F	
Office Work	Surveyed by	
Checked	Notes D B H Date 3-72	
Date 9-10-72	Indexed T. M. PALMERI [illegible]	

W.W. DISTRICT Nº 13 (LOMITA)
EXIST. CYPRESS RESERVOIR
SITE 1
J.N. 5132.28

SURVEY TO ESTABLISH SEPERATION LINE BETWEEN THE SLOPING & LEVEL PARTS OF EXISTING RESERVOIR SITE ~ COMPLETE BOUNDARY ALSO SURVEYED.

SURVEYED PER LETTER 5560-B.

REFERENCES:

TR. Nº 848
TR. Nº 954
C.S.B. 2303
D: 6312-255
F.B. 30-96; F.B. 232-17, 26, 45, 46, 48;
F.B. 275-46N; F.B. 899-111, 112, 113;
F.B. 1693-204; F.B. 1749-167; F.B. 2179 ✓
-154, 155, 159; F.B. 2653-22, 23, 24, 25, 35, 37;
F.B. 3467-7, 8, 9, 10; F.B. 3702-138.
R.D. F.B. 319-138, 508, 509, 510, 512, 514, 527, 528.
CITY OF L.A. F.B. 21206-26, 27, 29.
F.C. F.B. 2560-5, 25, 27.

MARCH, 1972
HOBSON
YASUI
BANKSON
GOODWIN

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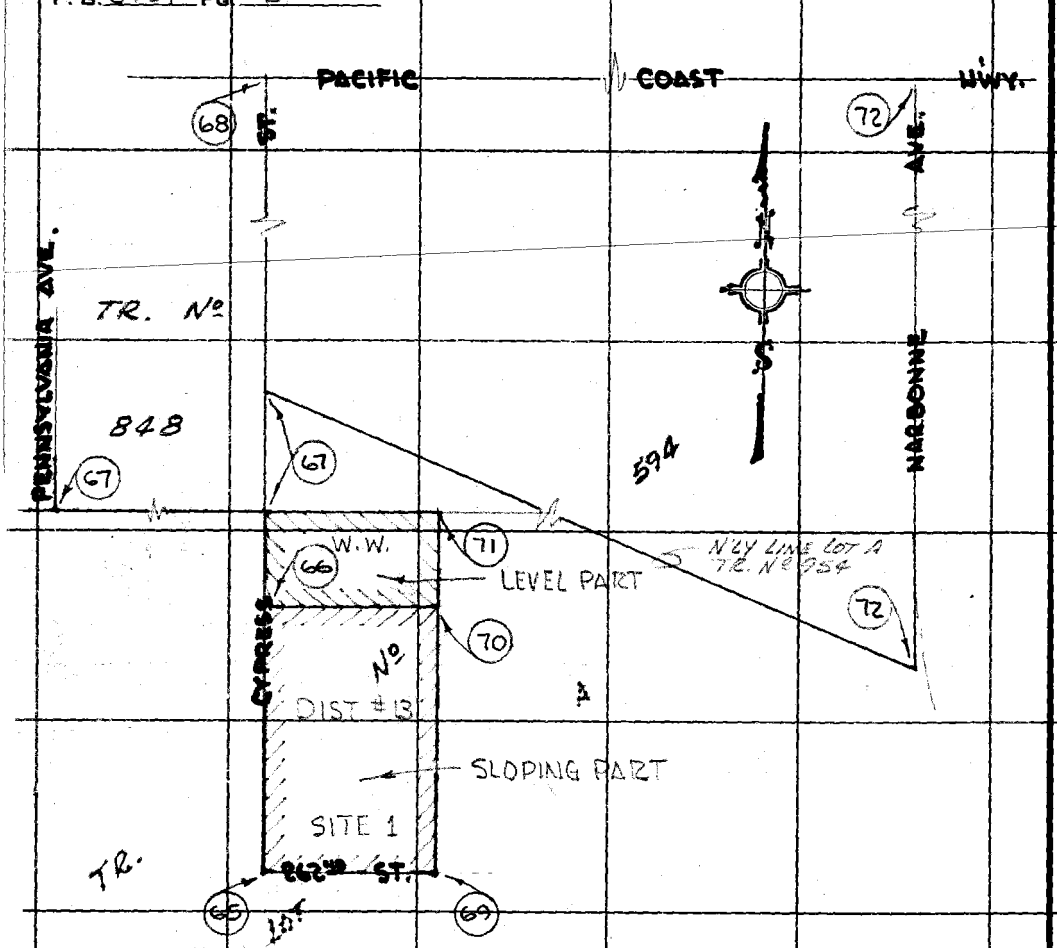
76F309S CE#310 3-68

F. B. 3467 Pg 62



INDEX MAP

W.W. DIST. # 13 ~ SITE 1

J.N. 5132.28

CIRCLED Nos. DENOTE Pg.

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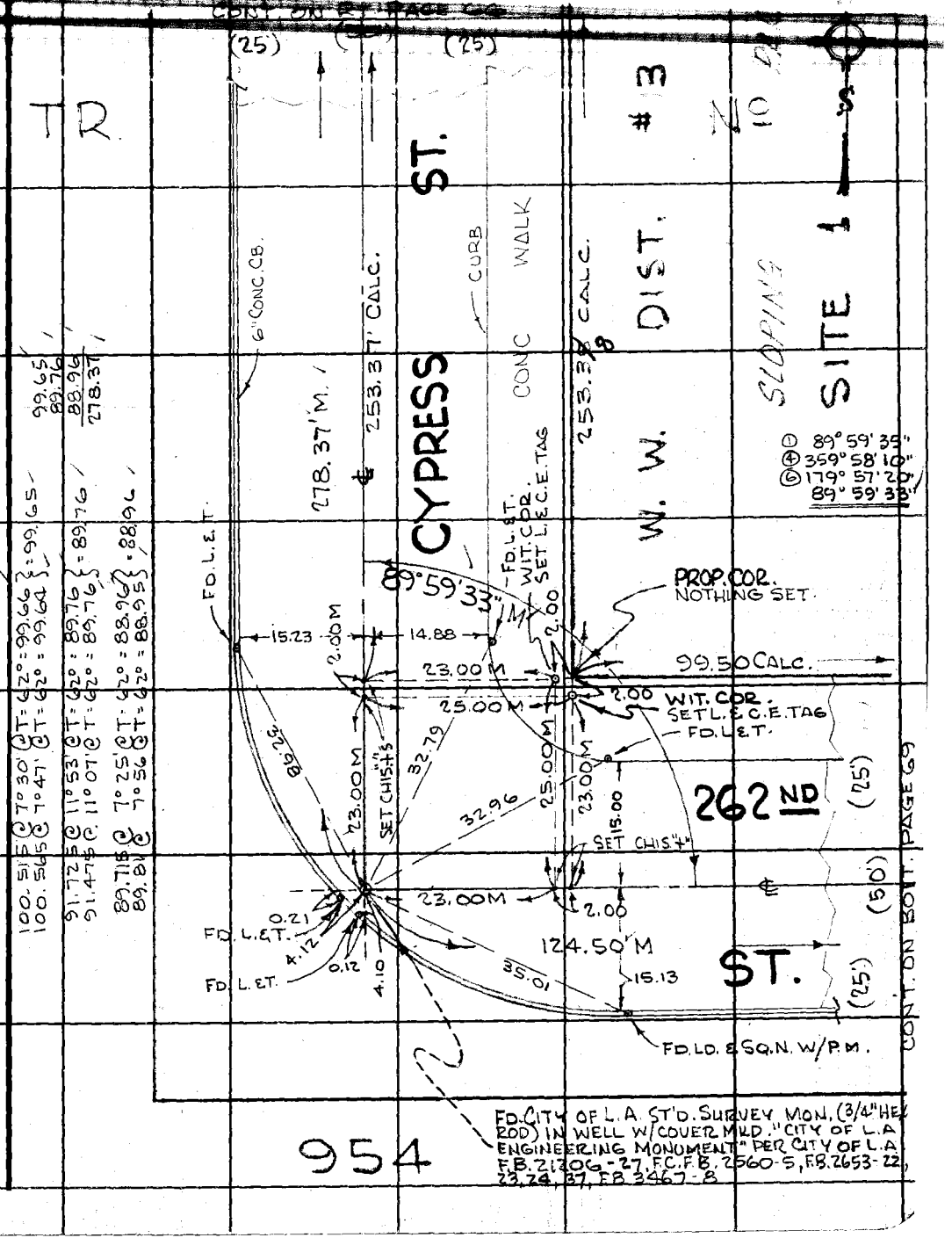
PWFB 0319

1224

Notes Ck'd by R. HILARIO	Survey of [illegible] SITE 1
Map No. 5.0 F 4-N6	JN 5132.28 Tape 012 Std. 68 °F
Office Work	Surveyed by
Checked	Notes D.B.H. Date 3-72
Date 8-10-72	Indexed

F. B. 3467 PG. 6



FD. CITY OF L.A. ST'D. SURVEY MON. (3/4" HEX ROD) IN WELL W/COVER MKD. "CITY OF L.A. ENGINEERING MONUMENT" PER CITY OF L.A. F.B. 21206-27, F.C.F.B. 2560-5, F.B. 2653-22, 23, 24, 37, F.B. 3467-8

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100.515 @ 7°30' @ T=62°=99.66 } = 99.65
100.565 @ 7°47' @ T=62°=99.64 }

91.725 @ 11°53' @ T=62°=89.76 } = 89.76
91.475 @ 11°07' @ T=62°=89.76 }

89.715 @ 7°25' @ T=62°=88.96 } = 88.96
89.81 @ 7°56' @ T=62°=88.95 }

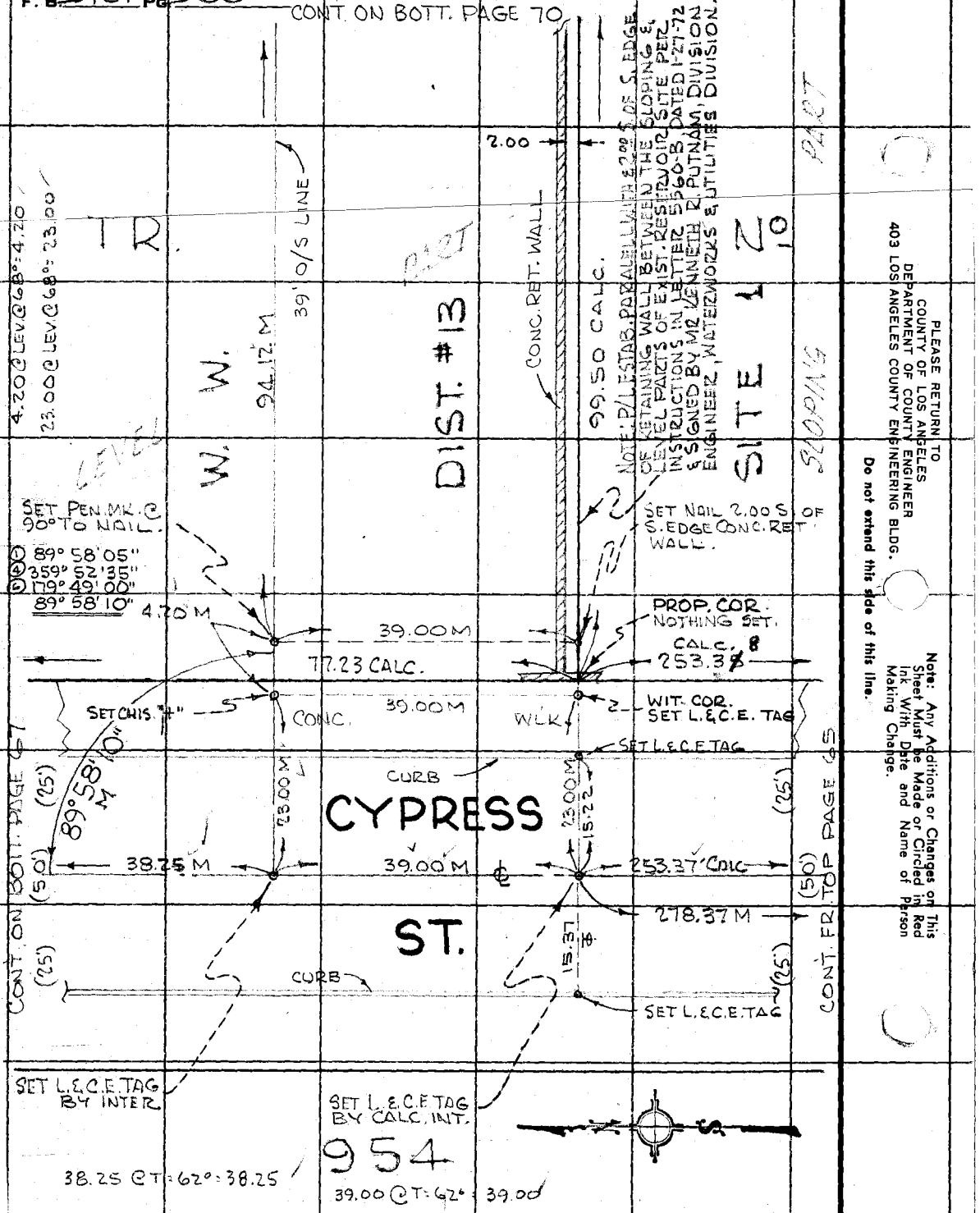
76F309S CE#310 3-68

PWFB 0319

1225

F. B. 3467 PG. 66

CONT. ON BOTT. PAGE 70



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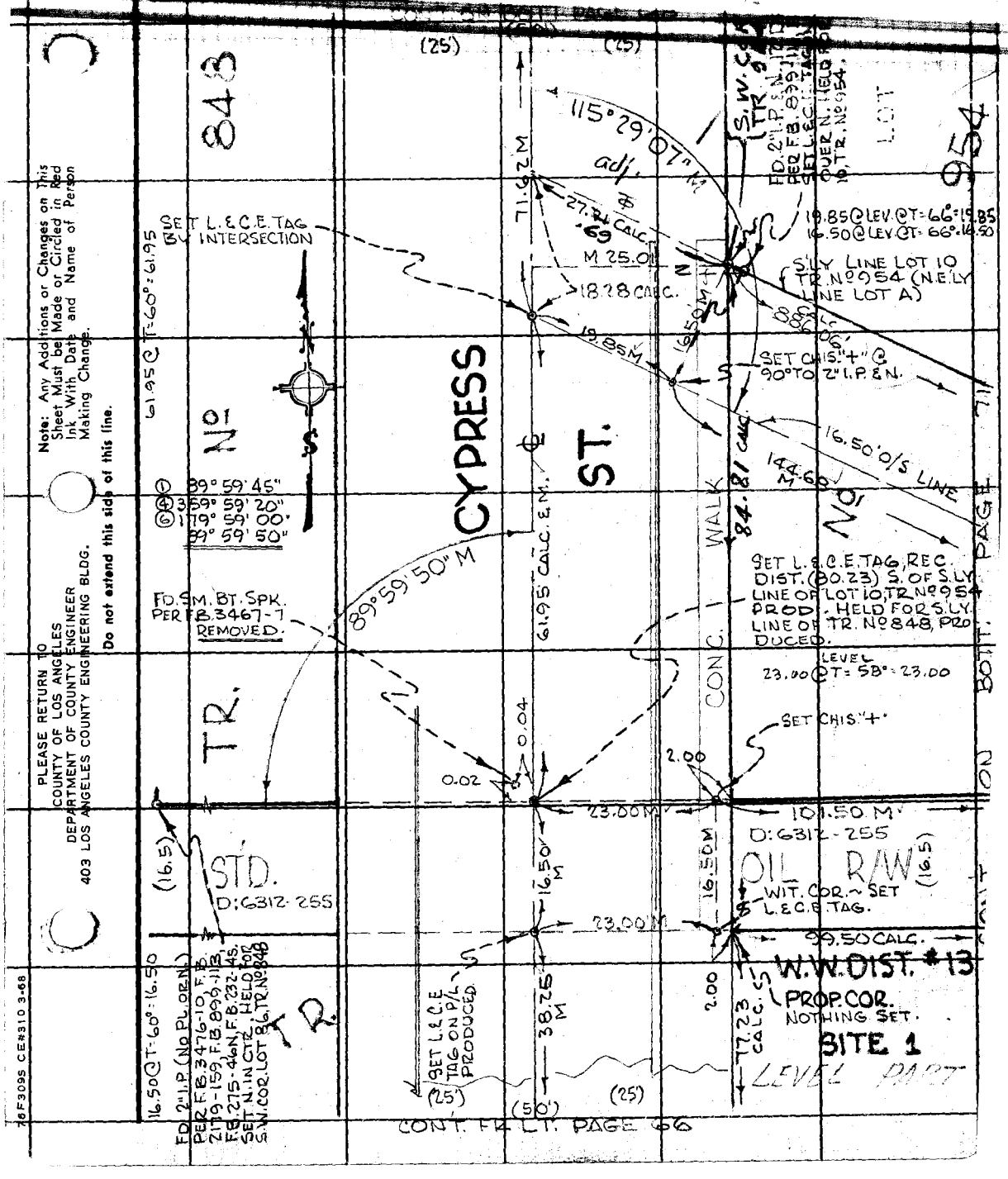
PWFB 0319

1226

Notes Ck'd by R. HILARIO	Survey of W.W. DIST #13 ~ SITE 1
Map No. S.D.F. #116	JN 5132.28 Tape .012 Std. 68 °F
Office Work	Surveyed by
Checked	Notes R.B.H. Date 3-72
Date 2-10-72	Indexed T. M. PALMERI

F. B. 3467 Pg. 67



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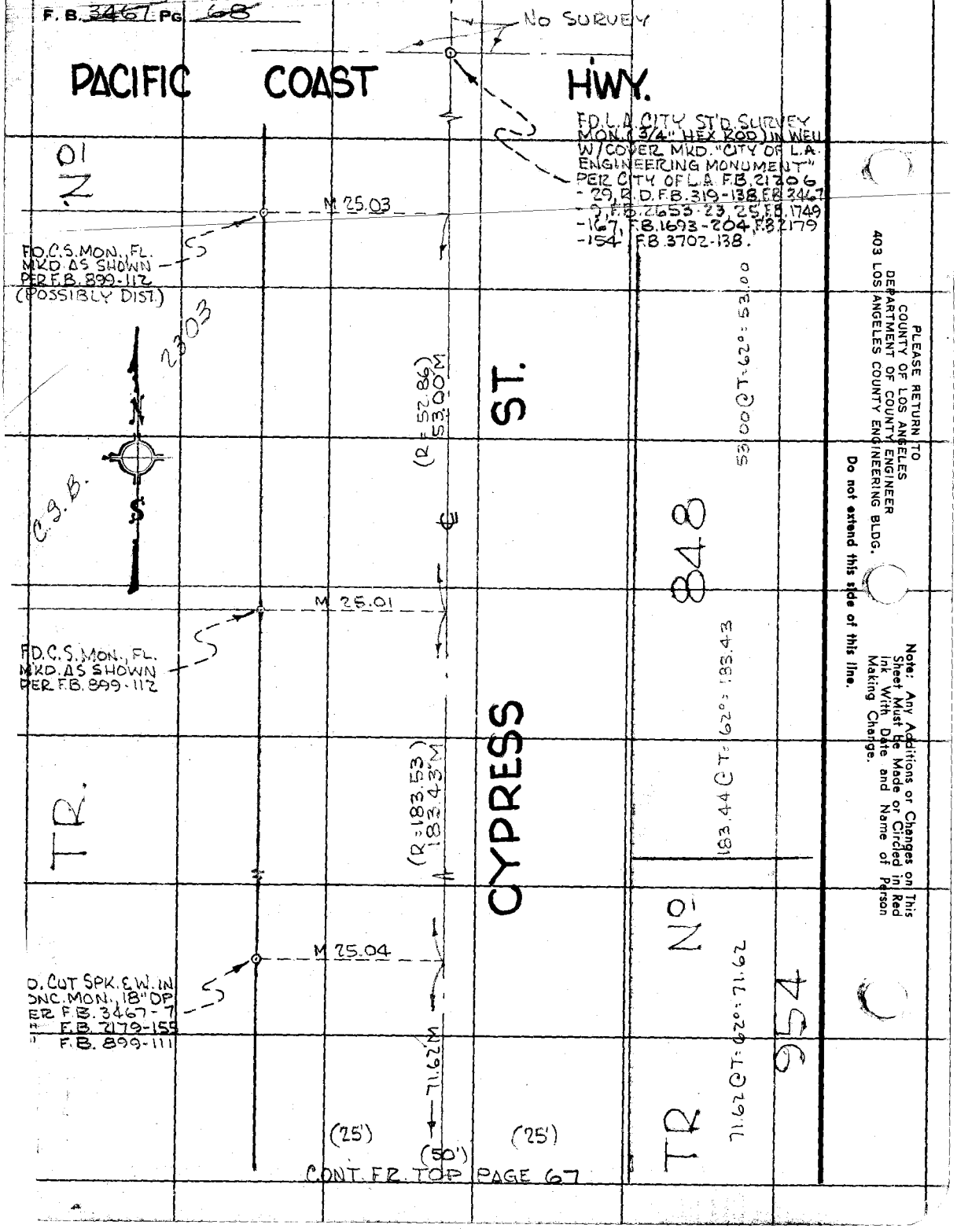
76F309S CE#310 3-68

PWFB 0319 1227

F. B. ~~3467~~ PG ~~68~~



CONT. FR. TOP PAGE 67

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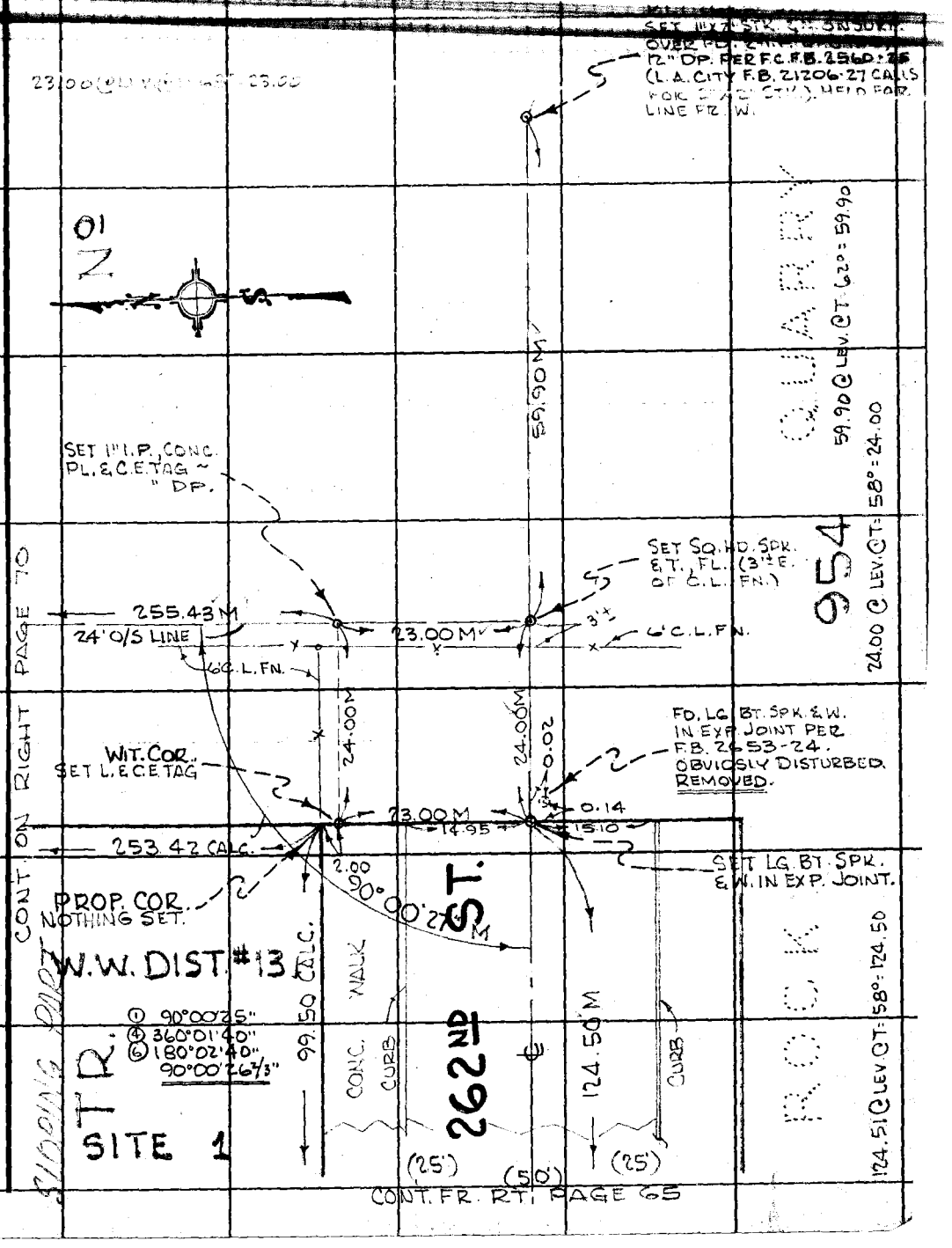
PWFB 0319

1228

Notes Ck'd by R. HILARIO	Survey of W.W. DIST #13 - SITE 1
Map No. S.D.F. 4-116	JN 3132.28 Tape 012 Std 68 °F
Office Work	Surveyed by R B H
Checked	Notes R B H Date 3-72
Date 5-10-72	Indexed T. M. [illegible] MAY 31 '72

F. B. 3465 PG. 69



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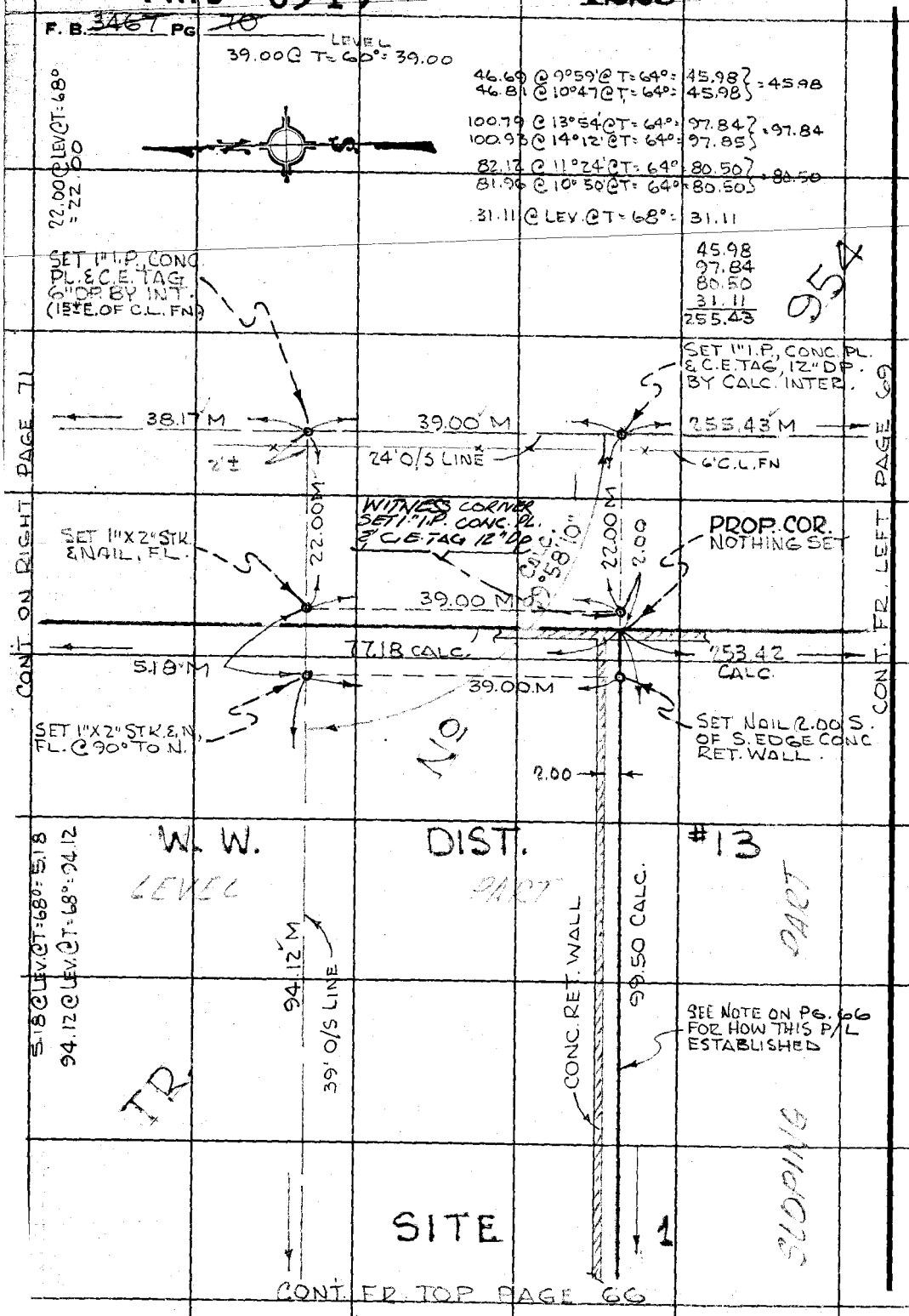
76F309S CE#310 3-68

PWFB 0319 1229

F. B. 3467 PG 70



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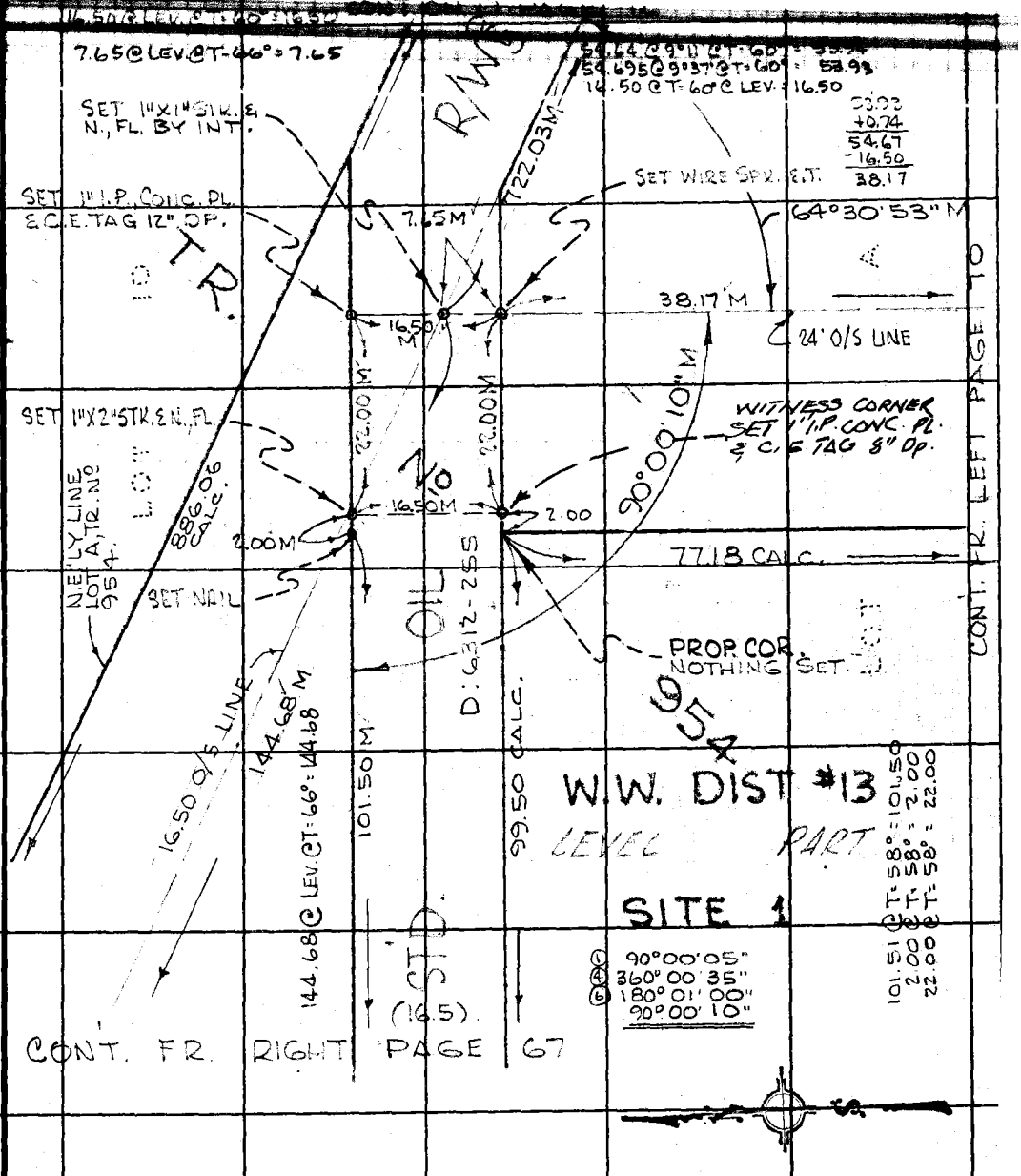
PWFB 0319 1230

Notes Ck'd by R. HILARIO	Survey of W.W. DIST #13 SITE 1	F. B. 2467 PG. 21
Map No. S.D.F. 4-116	JN 5132.28 Tape 012 Std. 68 °F	① 64°30'53"
Office Work	Surveyed by	⑥ 27°05'15" 64°30'52½"
Checked	Notes R.B.H. Date 3-72	
Date 8-10-72	Indexed T. M. PALMER, MAY 3	



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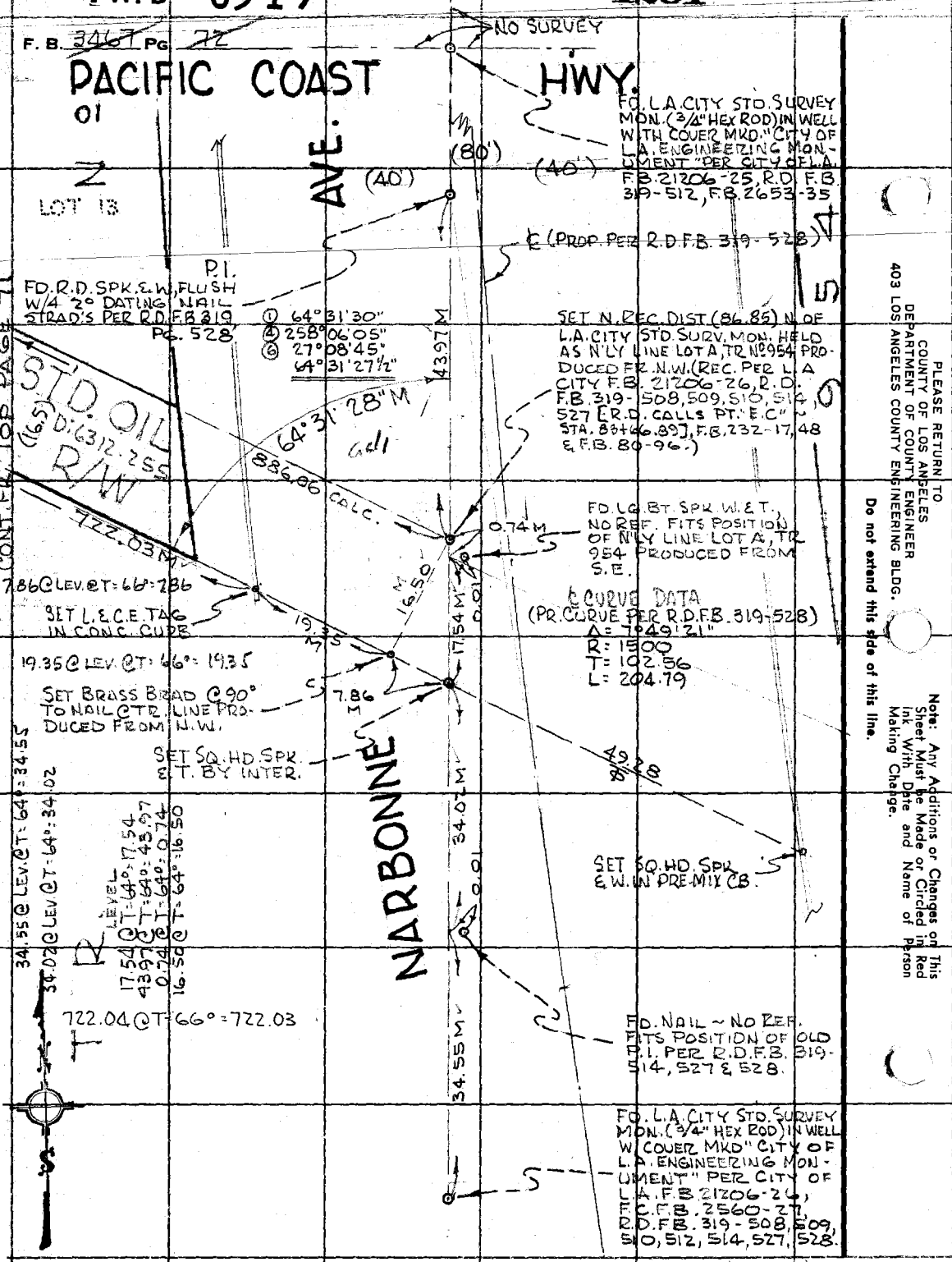
76F3095 CE#310 3-68

PWFB 0319

1231

F. B. 3467 Pg 72



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NOTES RED _____ JOB NO. 5132.28 SURVEY OF W.W. DIST #13 RESERVOIR SITE #2 | F. B. 3467 PG. 77

DATE _____ SURVEY BY R.B.H.

NOTES CHKD. [illegible] NOTES BY [illegible] DATE 4 4 72

DATE [illegible] INDEXED [illegible] DATE [illegible]

W.W. DISTRICT #13 ~ RESERVOIR SITE #2

J.N. 5132.28

BENCH LEVELS TO ESTABLISH VERTICAL CONTROL FOR P.T. SHEET Nº J-45

BASED ON LOS ANGELES COUNTY ENGR. PRECISE BENCH MARK Nº 21-63B, ELEV. = 130.541, 1970 ADJ. ~ F.B. 3702-138

APRIL 4TH, 1972
HOBSON
YASUI
BANKSON
GOODWIN

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

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765420 S & E-353 9-55

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JOB NO. 5132.28 SURVEY OF W.W. DIST #13 RESERVOIR SITE #2 NOTES RED. DATE
SURVEY BY R.B.H. DATE 4-4-72 NOTES CHKD. R.B. DATE 5-25-72
NOTES BY R.B.H. DATE
INDEXED DATE

F.B. 3467 PG. 78

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
21-63B	130.541					B.M. 21-63B ELEV. =130.541 F.B. 3702-138 LOMITA, 1.35 MILES SOUTHEASTERLY OF THE TORRANCE AIRPORT, PACIFIC COAST HIGHWAY AND CYPRESS STREET, AT THE CENTERLINE INTERSECTION, A CITY OF LOS ANGELES HEXAGONAL BAR SET ABOUT 12 INCHES BELOW THE SURFACE UNDER A CAST IRON COVER. (1970 ADJ.)
+	6.758		6.793			
⌅	137.299	+3.866	+3.864			
−	2.892		2.929			
T.P.	134.407					
+	6.577		6.585			
⌅	140.984	+2.074	+2.073			
−	4.503		4.512			
T.P.	136.481					
+	4.209		4.218			
⌅	140.690	-0.563	-0.563			
−	4.772		4.781			
T.P.	135.918					
+	6.368		6.421			
⌅	142.286	+3.583	+3.583			
−	2.785		2.838			
T.P.	139.501					
+	8.210		8.241			
⌅	147.711	+5.619	+5.619			
−	2.591		2.622			
T.P.	145.120					
+	8.216		8.175			
⌅	153.336	+5.409	+5.408			
−	2.807		2.767			
T.P.	150.529					
+	7.630		7.642			
⌅	158.159	+5.296	+5.293			
−	2.334		2.349			
T.P.	155.825					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	155.825					
+	9.185		9.082			
⊼	165.010	+7.786	7.783			
−	1.399		1.299			
T.B.M.#1	163.611					T.B.M.#1 ELEV.= F.B. 3467-79
+	11.702		11.840			PENNSYLVANIA AVE., 1088'± S. OF THE ℄ OF
⊼	175.313	+11.488	+11.487			THE PACIFIC COAST HWY. CITY OF LA H
−	0.214		0.353			BAR ABOUT 10" DP. IN WELL W/C.I. COV
T.P.	175.099					ON OR NEAR ℄ OF PENNSYLVANIA AVE
+	9.785		9.832			N.LY OF ITS INT. W/THE ℄ PENNSYLVANIA
⊼	184.884	+9.489	+9.489			
−	0.296		0.343			
T.B.M.#2	184.588					T.B.M.#2 ELEV.= F.B. 3467-79
+	9.288		9.319			PENNSYLVANIA AVE. 1232'± S. OF THE ℄
⊼	193.876	+7.327	+7.326			THE PACIFIC COAST HWY. A SMALL "PK"
−	1.961		1.993			PUMT. ON OR NEAR ℄ OF PENNSYLVANIA AVE
T.P.	191.915					
+	7.775		7.789			
⊼	199.690	+7.116	+7.116			
−	0.659		0.673			
T.P.	199.031					
+	5.888		6.062			
⊼	204.919	+1.195	+1.194			
−	4.693		4.868			
T.B.M.#3	200.226					T.B.M.#3 ELEV.= F.B. 3467-79
+	6.743		6.753			S.E. COR. OF TR. No 28884 ~ 88'± S. OF
⊼	206.969	−0.922	−0.921			E. OF ℄ OF SADDLE VIEW DR. @ ITS S.
−	7.665		7.674			A 2" I.P., CONC. PL. E, R.C.E TAG # 131
T.B.M.#4	199.304					T.B.M.#4 ELEV.= F.B. 3467-79
						(SEE PG. 80 FOR DESCR.)

NOTES RED ____ JOB NO. 5132.28 SURVEY OF W.W. DIST #13 RESERVOIR SITE
DATE ____ SURVEY BY R.B.H.
NOTES CHKD. [illegible] NOTES BY [illegible] DATE 4-4-72
DATE [illegible] INDEXED T. M. PALMERI DATE [illegible]

F.B. 3467 PG. 79

765420 S & E-353 9-55

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W.W. DIST. #13
JOB NO. 5132.28 SURVEY OF RESERVOIR SITE #2 NOTES RED.
SURVEY BY R.B.H. DATE
NOTES BY R.B.H. DATE 4-5-72 NOTES CHKD. R.G.B.
INDEXED DATE 5-23-72

F.B. 3467 PG. 80

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M.#4	199.304					T.B.M.#4 ELEV. F.B. 3467-79,80 ON OR NEAR THE S'LY LINE OF TR.# 28884 @ THE ℄ PROD. OF SADDLE VIEW DR. A L.&R.C.E. TAG# 13167 IN THE S'LY FACE OF AN OPEN CONC. DRAIN WHICH RUNS E. & W.
+	11.329		11.401			
⊼	210.633	+10.721	+10.721			
-	0.608		0.680			
T.P.	210.025					
+	11.498		11.588			
⊼	221.523	+8.979	+8.977			
-	2.519		2.611			
T.B.M.#5	219.004					T.B.M.#5 ELEV.= F.B. 3467-80 S.W. COR. TR. Nº 28884, 88'± S. OF ℄ 123'± W. OF THE ℄ OF SADDLEVIEW RD. @ ITS S'LY END A L.&R.C.E. TAG# 13167 IN THE S'LY. FACE OF AN OPEN CONC. DRAIN DITCH WHICH RUNS E.&W. (1'± E. OF W. END DRAIN)
+	11.689		11.964			
⊼	230.693	+11.474	+11.492			
-	0.195		0.472			
T.P.	230.498					
+	8.621		8.638			
⊼	239.119	+6.008	+6.007			
-	2.613		2.631			
T.B.M.#6	236.506					T.B.M.#6 ELEV.= F.B. 3467-80 121'± S. OF ℄ 12'± W. OF THE S.W. COR. OF TR. Nº 28884 (SEE DESCR. OF T.B.M.#5 FOR TR. COR. LOC.) A 1"X1" STK., ℄ N., 2" OP. 5'± N. OF ℄ 5'± E. OF THE INTER. OF 2 6' C.L. FENCES WHICH BORDER A GRAVEL QUARRY.
+	0.981		1.095			
⊼	237.487	-9.037	-9.038			
-	10.018		10.133			
T.P.	227.469					
+	0.271		0.322			
⊼	227.740	-9.774	-9.773			
-	10.045		10.095			
T.P.	217.695					
+	3.444		3.532			
⊼	221.139	-2.424	2.425			
-	5.868		5.957			
T.B.M.#7	215.271					T.B.M.#7 ELEV.= F.B. 3467-80,81 (SEE PG. 81 FOR DESCR.)

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. #7	215.271					T.B.M. #7 ELEV. = F.B. 3467-[illegible]
+	4.948		4.988			ON ℄ PROD. OF SADDLE VIEW RD. 196' [illegible]
⊼	220.219	+3.649	+3.650			THE S. END OF SAID ST. A 1"X2" STK & [illegible]
−	1.299		1.338			18'± N. OF A 6' C.L. FENCE WHICH BORD[illegible]
T.P.	218.920					A GRAVEL QUARRY.
+	7.361		7.417			
⊼	226.281	+2.554	+2.554			
−	4.807		4.863			
T.B.M. #8	221.474					T.B.M. #8 ELEV. = F.B. 3467-[illegible]
+	0.578		0.677			196'± S. OF & 123'± E. OF THE S.LY END [illegible]
⊼	222.052	−8.945	−8.945			SADDLE VIEW RD. (107'± S.LY OF TH[illegible]
−	9.523		9.622			COR. OF TR. No. 28884). A 1"X2" STK. [illegible]
T.P.	212.529					N. OF A 6' C.L. FENCE WHICH BORDERS A GRAV[illegible]
+	9.857		10.012			QUARRY & 3'± W. OF A 6' C.L. FENCE T[illegible]
⊼	222.386	+4.685	+4.684			IS ON THE APPROX. PROD. OF THE E'LY LINE O[illegible]
−	5.172		5.328			No. 28884.
T.P.	217.214					
+	9.860		9.913			
⊼	227.074	+2.059	+2.060			
−	7.801		7.853			
T.B.M. #9	219.273					T.B.M. #9 ELEV. = F.B. 3467-[illegible]
+	5.587		5.612			196'± S. OF & 313'± E. OF THE S.LY [illegible]
⊼	224.860	−3.063	−3.066			SADDLE VIEW RD. A 1"X2" STK & N. 17[illegible]
−	8.650		8.678			A 6' C.L. FENCE WHICH BORDERS A GRAV[illegible]
T.P.	216.210					
+	2.894		2.968			
⊼	219.104	−6.634	−6.633			
−	9.528		9.601			
T.P.	209.576					

NOTES RED ____ JOB NO. 5132.28 SURVEY OF [illegible] W.W. DIST #13 #[illegible]
DATE ____ SURVEY BY R.B.H.
NOTES CHKD. [illegible] NOTES BY [illegible] DATE [illegible]
DATE [illegible] INDEXED [illegible] PALMER DATE [illegible]

F.B. 3467 PG. 81

765420 B & E-353 9-55

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

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

Do not extend notes this side of this line

F.B. 3467 PG. 82

JOB NO. 5132.28 SURVEY OF W.W. DIST. #13 RESERVOIR SITE #2 NOTES RED.

SURVEY BY R.B.H. DATE

NOTES BY R.B.H. DATE 4-5-72 NOTES CHKD. DATE 3-25-72

INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	209.576					
+	0.667		0.718			
⊼	210.243	-7.376	7.375			
−	8.043		8.093			
T.P.	202.200					
+	2.579		2.650			
⊼	204.779	-5.252	5.252			
−	7.831		7.902			
T.B.M.#10	196.948					T.B.M.#10 ELEV.= FB 3467-82
+	1.561		1.391			ON OR NEAR THE ℄ OF PENNSYLVANIA AVE.,
⊼	198.509	-10.327	10.327			1322'± S. OF THE ℄ OF THE PACIFIC COAST
−	11.888		11.718			HWY. A 2" I.P., CONC. PL & RD. DEPT. TAG,
T.P.	186.621					12" DP. 175'± N. OF A 6' C.L. FENCE WHICH
+	0.304		0.334			BORDERS A GRAVEL QUARRY.
⊼	186.925	-11.512	11.512			
−	11.816		11.846			
T.P.	175.109					
+	1.412		1.444			
⊼	176.521	-9.934	9.933			
−	11.346		11.377			
T.P.	165.175					
+	1.254		1.318			
⊼	166.429	-7.857	7.859			
−	9.111		9.177			
T.P.	157.318					10' N. OF N. EDGE DRIVE W/WOOD ARCH
+	2.178		2.207			
⊼	159.496	-4.845	4.845			
−	7.023		7.052			
	152.473					

768420 S & E-353 9-55

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

NOTES RED _____ JOB NO. 5132.28 SURVEY OF W.W. DIST. #13 RESERVOIR SITE #2
DATE _____ SURVEY BY R.B.H. F.B. 3467 PG. 83
NOTES CHKD. 6.6.72 NOTES BY R.B.H. DATE 4.6.72
DATE 2-7-73 INDEXED T. M. PALMER DATE MAY 3 '73

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	152.473					
+	2.921		2.944			
⊼	155.394	-4.140	-4.143			
-	7.061		7.087			
T.P.	148.333					
+	1.832		1.845			
⊼	150.165	-5.819	-5.817			
-	7.651		7.662			
T.P.	142.514					
+	2.315		2.209			
⊼	144.829	-5.013	-5.013			
-	7.328		7.222			
T.P.	137.501					
+	3.543		3.472			
⊼	141.044	-0.614	-0.612			
-	4.157		4.084			
T.P.	136.887					
+	6.375		6.408			
⊼	143.262	+0.488	+0.489			
-	5.887		5.919			
T.P.	137.375					
+	3.788		3.701			
⊼	141.163	-3.490	-3.491			
-	7.278		7.192			
T.P.	133.885					
+	4.538		4.550			
⊼	138.423	-3.321	-3.321			
-	7.859		7.871			
21-63B	130.564					B.M. 21-63B ELEV. = 130.541 (1970 ADJ.) (SEE PG 78 FOR DESCRIPTION).

F. B. 3467 Pg. 84

W.W. DIST. #13

JOB NO. 5132.28 SURVEY OF RESERVOIR SITE #2 NOTES RED. ____

SURVEY BY R.B.H. DATE ____

NOTES BY R.B.H. DATE 4-6-72 NOTES CHKD. BB

INDEXED ____ DATE ____ DATE 5-25-72

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

Do not extend notes this side of this line

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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.

76842Q S & E-353 9-55

NOTES RED. JOB NO. 0084.39 SURVEY OF LOMITA SHERIFF'S STA.
DATE SURVEY BY R.B.H.
NOTES CHKD. R.B.H. NOTED BY R.B.H. DATE 5-72
DATE INDEXED [illegible] DATE JUL 27 '72

F. B. 3467 PG. 85

LOMITA SHERIFF'S STATION

J.N. 0084.39

BENCH LEVELS TO ESTABLISH VERTICAL CONTROL FOR PT. SH'TS, H-241-1 & 2

BASED ON LOS ANGELES COUNTY ENG'R. PRECISE B.M. Nº 21-638, ELEV. = 130.541, 1970 ADJ. ~ F.B. 3702-138.

MAY, 1972
HOBSON
YASUI
BANKSON
GOODWIN

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

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.

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76S420 S & E-353 4-54

F.B. 3467 PG. 86

JOB NO. 0084.39 SURVEY OF LOMITA SHERIFF'S STA. NOTES RED.
SURVEY BY R.B.H. DATE
NOTES BY R.B.H. DATE 5-72 NOTES CHKD RBB
INDEXED G.J. GALLI DATE DATE 8-8-72

768420 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
21-63B	130.541				130.541	B.M. 21-63B ELEV. 130.541 F.B. 3702-138
+	5.318		5.253			LOMITA, 1.35 MILES SOUTHEASTERY OF THE
⊼	135.859	-1.849	-1.849			TORRANCE AIRPORT. PACIFIC COAST HIGHWAY
-	7.167		7.102			AND CYPRESS STREET AT THE CENTERLINE
T.P.	128.692					INTERSECTION. A CITY OF LOS ANGELES HEX-
+	5.205		5.107			AGONAL BAR SET ABOUT 12 INCHES BELOW THE
⊼	133.897	+1.701	+1.700			SURFACE UNDER A CAST IRON COVER (1970 ADJ.)
-	3.504		3.407			
T.P.	130.393					T.P.
+	7.080		7.092			
⊼	137.473	+4.180	+4.179			
-	2.900		2.913			
T.P.	134.573					T.P.
+	7.128		7.078			
⊼	141.701	+4.162	+4.161			
-	2.966		2.917			
T.P.	138.735					T.P.
+	7.353		7.371			
⊼	146.088	+3.488	+3.489			
-	3.865		3.882			
T.P.	142.223					T.P.
+	6.112		6.130			
⊼	148.335	+2.193	+2.192			
-	3.919		3.938			
T.P.	144.416					T.P.
+	5.270		5.293			
⊼	149.686	+1.408	+1.409			
-	3.862		3.884			
T.B.M. "A" fd.	145.824					T.B.M. "A" ELEV.: F.B. 3467-86
						LUCILLE AVE., W. SIDE, 1162' ± S OF ℄ PACIFIC COAST

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. "A"	145.824					T.B.M. "A" ELEV. = F.B. 3467-[illegible]
+	9.450		9.885			(SEE PREVIOUS PG. FOR DESCR.)
⊼	155.274	+5.798	+5.797			
−	3.652		4.088			
SET T.B.M. #1 fd.	151.622					T.B.M. #1 ELEV. = F.B. 3467-[illegible]
+	4.213		4.264			60'± S. OF & 153'± ~~W.~~ E. OF THE S. END OF [illegible]
⊼	155.835	+0.402	+0.402			ST. BT. SPK. 2'± E. OF THE W. END OF CONC.
−	3.811		3.862			WALL. (TOP OF WALL)
T.P.	152.024					T.P.
+	5.851		5.876			
⊼	157.875	+2.859	+2.859			
−	2.992		3.017			
T.P.	154.883					T.P.
+	3.477		3.400			
⊼	158.360	-1.906	-1.908			
−	5.383		5.308			
SET T.B.M. #2 fd.	152.977					T.B.M. #2 ELEV. = F.B. 3467-[illegible]
+	8.603		8.608			NARBONNE AVE., W. CB., 1270'± S. OF THE [illegible] THE
⊼	161.580	+8.123	+8.125			PACIFIC COAST HWY. BT. SPK IN CB., 15'± [illegible]
−	0.480		0.483			COR. LOT 12, TR. #954 (N.E. COR. LOMITA SH[illegible])
T.P.	161.100					T.P.
+	7.159		7.167			
⊼	168.259	+5.431	+5.434			
−	1.728		1.733			
SET T.B.M. #3 fd.	166.531					T.B.M. #3 ELEV. = F.B. 346[illegible]
+	8.302		8.350			NARBONNE AVE., W. CB., 1490'± S. OF THE [illegible] THE
⊼	174.833	+7.353	+7.353			PACIFIC COAST HWY. BT. SPK. IN CB. 15[illegible] THE
−	0.949		0.997			N. P/L OF HSE. #
T.P.	173.884					T.P.

NOTES RED. JOB NO. 0084.39 SURVEY OF LOMITA SHERIFF'S STA.
DATE SURVEY BY R.B.H.
NOTES CHKD. [illegible] NOTES BY R.B.H. DATE 5-72
DATE INDEXED [illegible] DATE [illegible]

F.B. 3467 PG. 87

765420 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. 008439 SURVEY OF LOMITA SHERIFF'S STA. NOTES RED
SURVEY BY R.B.H. DATE NOTES CHKD. 2-8-54
NOTES BY R.B.H. DATE 5-72
INDEXED E. J. GALLI DATE DATE

F.B. 3467 PG. 88

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	173.884					T.P.
+	6.931		6.882			
✕	180.815	+2.881	+2.881			
−	4.050		4.001			
T.B.M. #4	176.765					T.B.M. #4 ELEV. F.B. 3467-88
+ fd.	1.808		1.854			NARBONNE AVE., W.CB. @ S. END, 164.5' ± S. OF THE ℄ OF
✕	178.573	-7.412	-7.413			THE PACIFIC COAST HWY. L.E.C.E. TAG IN CB. (NEAR S'LY
−	9.220		9.267			LINE STANDARD OIL R/W (SEE F.B. 3467-72)
T.P.	169.353					
+	2.737		2.756			
✕	172.090	-5.416	-5.415			
−	8.153		8.171			
T.P.	163.937					
+	3.954		3.982			
✕	167.891	-0.419	-0.420			
−	4.373		4.402			
SET T.B.M. #5	163.518					T.B.M. #5 ELEV. = F.B. 3467-88
+ fd.	2.162		2.122			235' ± S. OF & 120' ± E. OF THE S. END OF LUCILLE ST (6' ±
✕	165.680	-9.560	-9.560			S. OF S'LY LINE OF 165' STANDARD OIL R/W. BT SPK. IN
−	11.722		11.682			S'LY SIDE OF P.P. # 1393010E.
T.P.	153.958					T.P.
+	0.398		0.435			
✕	154.356	-8.134	-8.135			
−	8.532		8.570			
T.B.M. "A"	145.824					T.B.M. "A" ELEV. = F.B. 3467-86
+	3.439		3.463			(SEE PG. 86 FOR DESCR.)
✕	149.263	-2.530	-2.531			
−	5.969		5.994			
T.P.	143.294					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	143.294					T.P.
+	4.373		4.413			
⊼	147.667	-2.049	-2.049			
−	6.422		6.462			
T.P.	141.245					T.P.
+	4.062		3.964			
⊼	145.307	-3.174	-3.176			
−	7.236		7.140			
T.P.	138.071					T.P.
+	3.752		3.803			
⊼	141.823	-3.456	-3.455			
−	7.208		7.258			
T.P.	134.615					T.P.
+	3.023		3.068			
⊼	137.638	-4.221	-4.219			
−	7.244		7.287			
T.P.	130.394					T.P.
+	3.846		3.906			
⊼	134.240	-2.039	-2.040			
−	5.885		5.946			
T.P.	128.355					T.P.
+	6.786		6.845			
⊼	135.141	+2.189	+2.188			
−	4.597		4.657			
21-63B	130.544				130.541	B.M. 21-63B ELEV. = 130.541 F.B. 3[illegible] 138 (SEE PG. 86 FOR DESCR.)

NOTES RED ____ JOB NO. 0084.39 SURVEY OF COMITA SHERIFF'S STA.
DATE ____ SURVEY BY RBH
NOTES CHKD. [illegible] NOTES BY R.B.H. DATE 5-12
DATE ____ INDEXED [illegible] DATE [illegible] 27 72

F.B. 3467 PG. 89

F. B. 3467 Pg. 30

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

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

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LOS ANGELES COUNTY SURVEYOR

725 LOS ANGELES COUNTY ENGINEERING BLDG.

768420 S.A.E.-353 4-54

PWFB 0319

1232

Notes Ck'd by R. HILARIO

Office Work

Checked R. HILARIO

Date

Survey of LOMITA SHERIFF'S STA.

F. B. 3467 Pg. 97

Surveyed by R.B.H.

Notes R.B.H. Date 5-72

Indexed C. J. GALLI JL 27 72

LOMITA SHERIFF'S STATION
J.N. 0084.39

BOUNDARY SURVEY

REF. :
F.B. 3467-67, 68, 71, 72
R.D.F.B. 319-138, 327, 528
CITY OF L.A. F.B. 21206-25, 28
TR. Nº 954
TR. Nº 848
D:6312-255
D:48-223

MAY & JUNE, 1972
R. B. HOBSON
C. YASUI
L. BANKSON
J. GOODWIN
M. BUSTRUM

NOTE: Pg 96 OF THESE NOTES IS BLANK.

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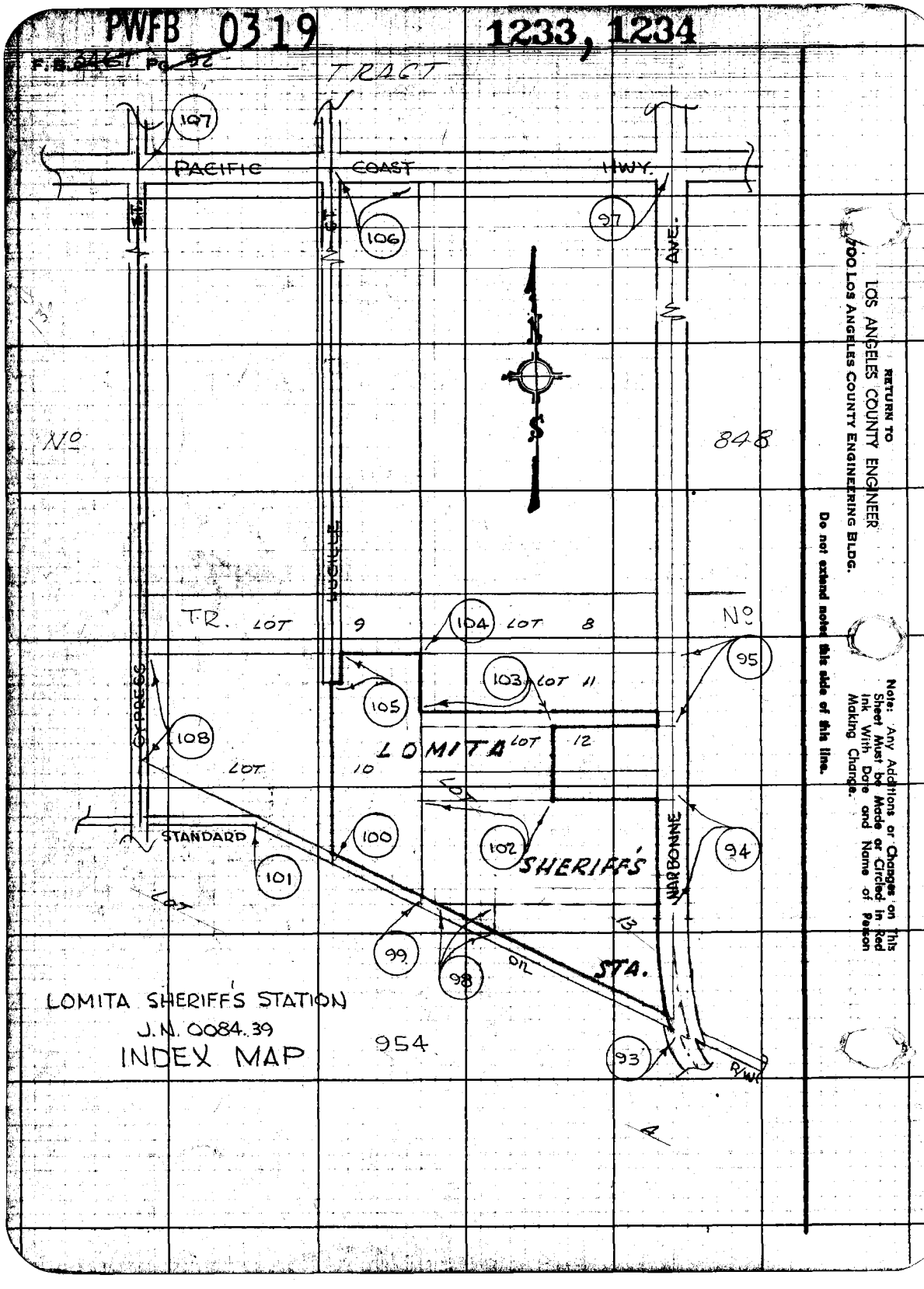
76F3093 CE #247—3-57

PWFB 0319 1233, 1234

F.B. 2467 Pg. 32



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PWFB 0319

1235

Notes Ck'd by R. HILARIO	Survey of LOMITA SHERIFF'S STA.
Map No. B-3184	JN 0008-30 Tape 0.0 Sta. 0.0 °F
Office Work S. KURASHI	Surveyed by
Checked R. HILARIO	Notes R.B.H. Date 5-72
Date 3-13-74	Indexed

F.B. 346 PG. 93

CURVE #1 ~ ℄ DATA

Δ = 50°29'21"

T = 107.84

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

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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16F3095 CE#310 3-68

P.I. Sta 31 27½

Fd. R.D. SPK. & W. FL. W/4 20# DATING NAIL STRADDLES PER PAGE 72

Fd. N. @ N'LY LINE LOT A PRODUCED FR. N.W. (R.D. CALLS PT. "E.C.") PER PG. 72

~~PROP. COR.~~

SET 1" I.P., CONC. PL. & C.E. TAG, DP. BY CALCULATED INTER. PROP. COR NOTHING FD. ~~NOTHING SET~~

SET C.E. MON. & DP MKD AS SHOWN @ LOWER PT

P.B.H. 3-5-74

CONT. ON TOP PG 98

(165)

ST'D. OIL R/W

D: 63°12'-55"

269.26' C.S.M.

OLD P/L

PROP. P/L

L = 130.74

R = 1540' (CALC.)

Δ = 4°50'51"

(40)

64°31'28" M.

AVE.

NARBONNE

954

L.E.T. - R.D.F.B. 319-528

102.56 R.E.M.

57.84 M

36.56 M

℄ CURVE #1

FD. LG. BT. SPK. W. L.&T. PER PG. 72.

45.24 M

45.97 M

43.97 M.

CALC. 38.21

16.50 M

L.E.T. - R.D.F.B. 319, PG. 528.

0.74 M.

0.01

17.54 M.

7.86 M

19.35 M.

18.86 C.E.M.

SET 1" X 1" STK. & N. FL. @ 90° TO PR. CORNER.

Fd. L.&C.E. TAG PER PAGE 72

Fd. Nail Per Pg. 72

SQ. HD. SPK. & W. IN PRE-MIX. C.B. PER PG. 72.

49.28

34.02 M

0.01

Fd. BR. BRAD @ 90° TO NAIL PER PAGE 72.

Fd. SQ. HD. SPK. & T. PER PAGE 72.

℄ CURVE #2

34.55 M

T = 70°

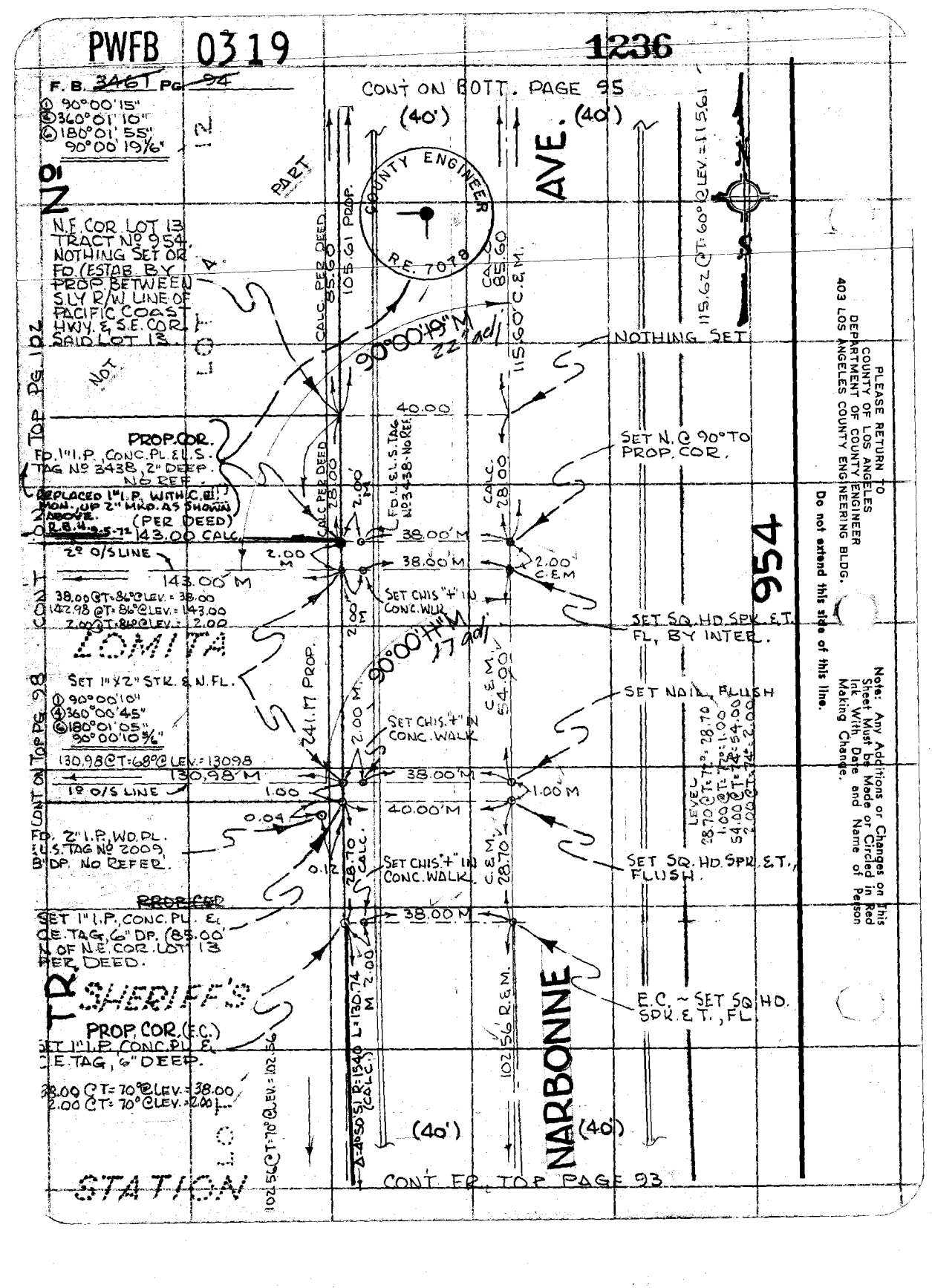
17.54 @ LEV. = 17.54
0.74 @ LEV. = 0.74
43.97 @ LEV. = 43.97
7.86 @ LEV. = 7.86
19.35 @ LEV. = 19.35
18.86 @ LEV. = 18.86
16.50 @ LEV. = 16.50

Fd. L.A. CITY STD. SURVEY MON. (¾" HEX ROD) IN WELL W/COVER MKD. "CITY OF L.A. ENGINEERING MONUMENT" PER PAGE 72. HELD FOR ℄ OF NARBONNE AVE. PROD. FR. NORTH.

COUNTY ENGINEER
R.E. 7078

CURVE #2 - ℄ DATA
(PER R.D.F.B. 319-327)
Δ = 50°20'55"
R = 111.27
T = 52.30
L = 97.78

PWFB 0319 1236



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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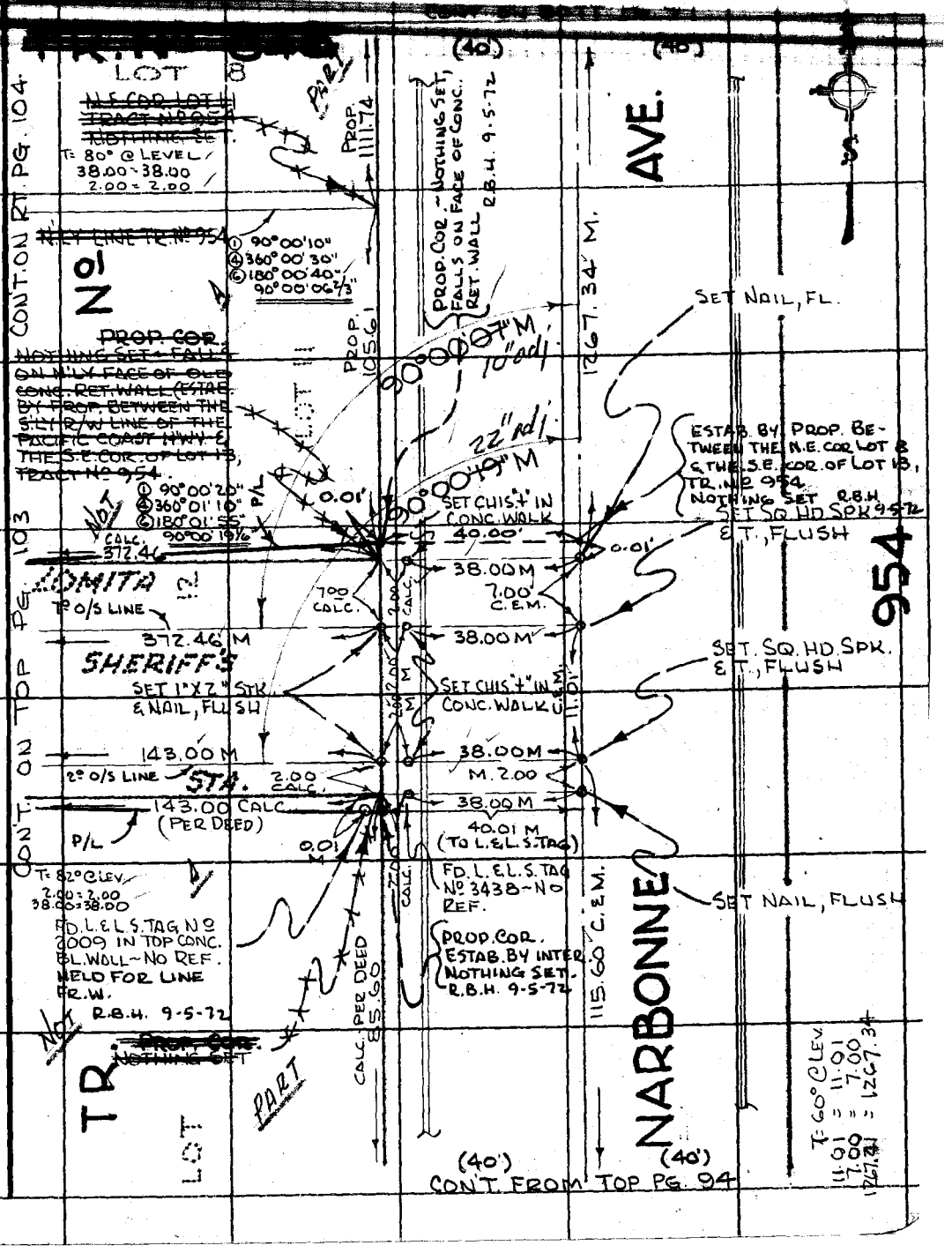
PWFB 0319

1237

Notes Ck'd by R. HILARIO	Survey of LOMITA SHERIFF'S STA
Map No. ~~B-3184~~	JN 0004.39 Tape 026B Std. 6B °F
Office Work S. KURACHI	Surveyed by R.B.H.
Checked R. HILARIO	Notes R.B.H. Date 5-72
Date 3-13-74	Indexed C. J. GALLI

F. B. ~~3467~~ PG. ~~95~~



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

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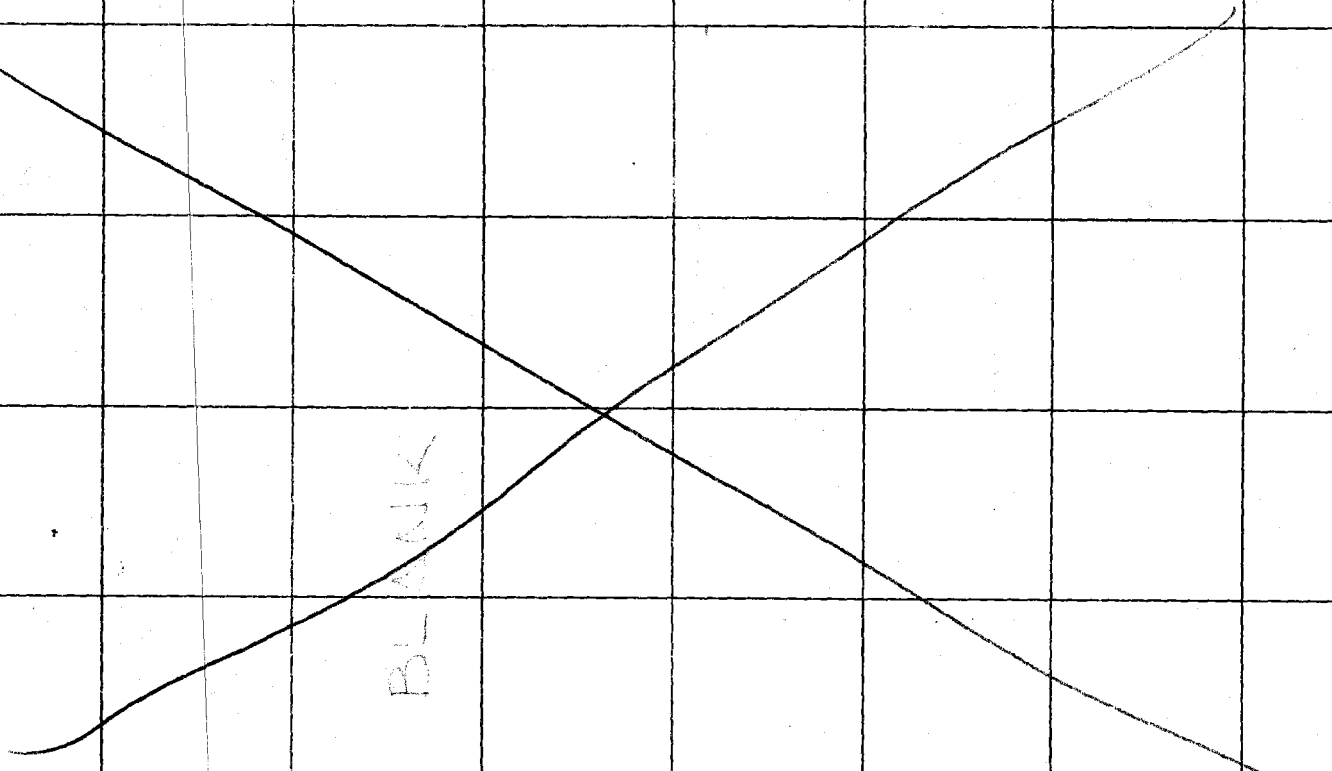
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

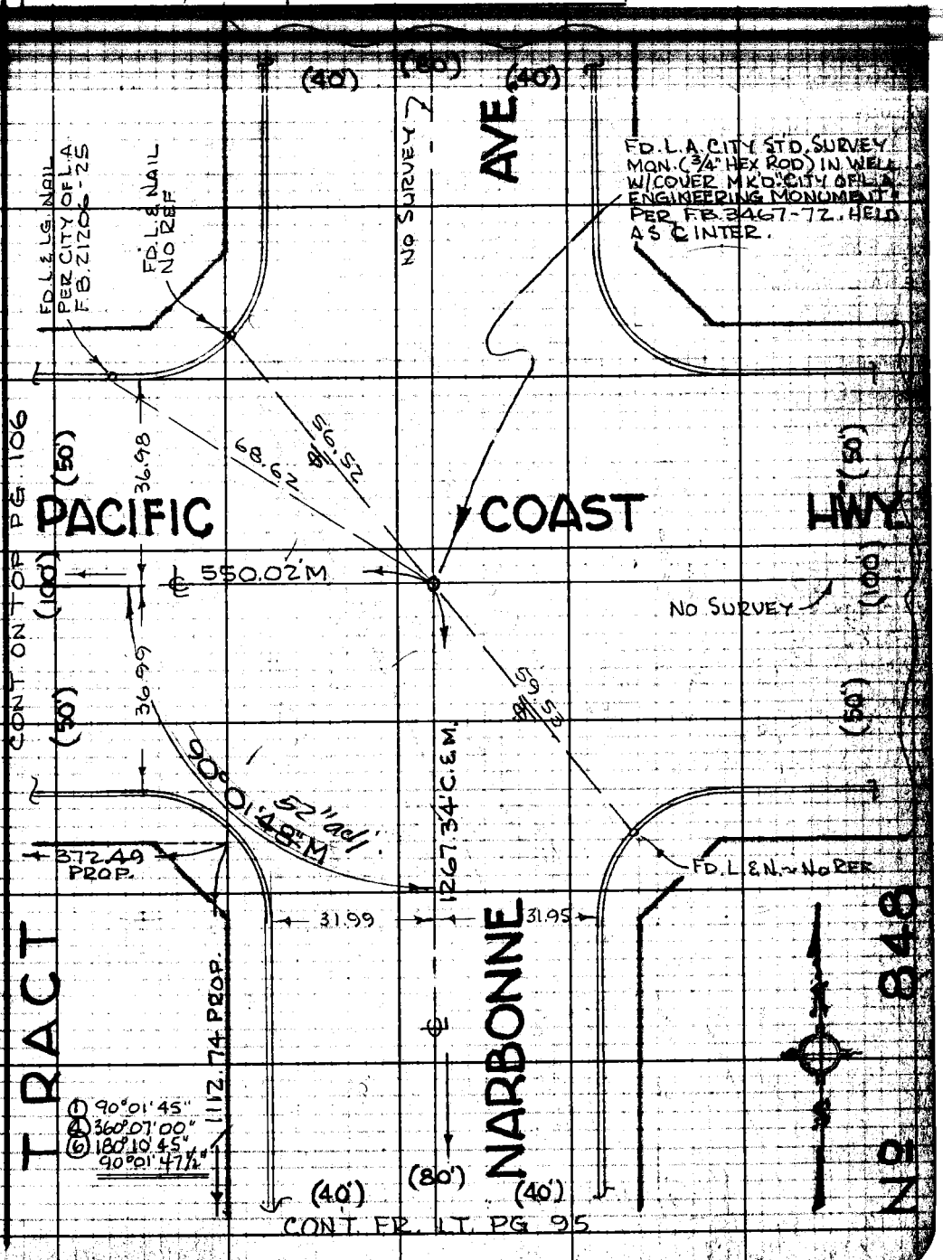
Do not extend this side of this line.



F.B. 3467 PG 96

PWFB 0319 1238

Notes Ck'd by R. HILARIO	Survey of LOMITA SHERIFF'S STA.	F.B. 3467 Pg. 97
Map No.		
Office Work S. KURACHI	Surveyed by R.B.H.	
Checked R. HILARIO	Notes R.B.H. Date 5-72	
Date 3-13-74	Indexed C. J. GALLI Jr. 27	



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.

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

76F3098 CE #247—3-57

MAP BK 0319 PG 94 — 1239

CONT FR LT. PG 93

CONT FR LT. PG 94

115°28'40"
NOR E4' 35"
332°51'59½"
115°28'39⅜"

N 130.98'

FN. AROUND PORCH TO NSE.

SET 1"X2" STK. E.N.,FL @ 90° TO P.O.T.

39.58 @T=84°C LEV.=39.58'
FD. 2"I.P. WD.PL
L.S.TAG #2009
FL. NO REF.

P.O.T. (WIGGLE) SET 1"X2" STK. E.N. FLUSH.

MK. ON WALL ON P/L PRODUCED

190'±

FD. 2"I.P. WD.PL & L.S.TAG #2009 3" DP., NO REF. (LEANING S.E'LY.)

0.17'

0.18'

39.58 M

P/L ~ESTAB PARALLEL TO HARBONNE AVE

PROP COR. SET 1"X2" STK. & NAIL UP 2½" PER DEED. (92.00' S.E. OF POINT OF BEGINNING)

PROP COR. SET 1"X2" STK. E.NAIL, FLUSH PER DEED.

90°00'00"
360°00'05"
180°00'20"
90°00'03½"

66"

83.06 @T=84°C LEV.=83.06

POINT OF BEGINNING SET 1"X2" STK. E.NAIL, FL. PER DEED @ THE INTER OF THE S'LY. LINE OF THE N'LY 85' OF LOT 13 TR. 954 WITH S'WLY LINE OF SAID LOT 13.

100' O/S LINE

83.06' C.E.M.

ESTAB. 85.00 S'LY FR. & PARALLEL TO THE N'LY LINE OF LOT 13, TR. #954

119.68 @T=48°C LEV.=119.68

92.00' PER DEED (CALC.)

L.O.T. 99.86' C.E.M.

A D.6312-255

OIL

954

T=48° @ LEV.

S 22°29'27" E
98.66 = 98.66
34.62 = 34.62

NOT A PART

STANDARD

SET 1"X 1" STK. E.N., FL.

16.5' M.

38.35' C.E.M.

38.35 @T=48° @ LEV.=38.35

34.62' C.E.M.

(16.5)

CONT ON TOP PG 99

T. R.

N

115°28'39" 43.M

R/W

SET 1"I.P. CONC. PLG. & 3" DP. C.E.TAG 269.24 S

16.49

C.E.M. 18.28

18.28 @T=84°C LEV.=18.28'

7.61

90°

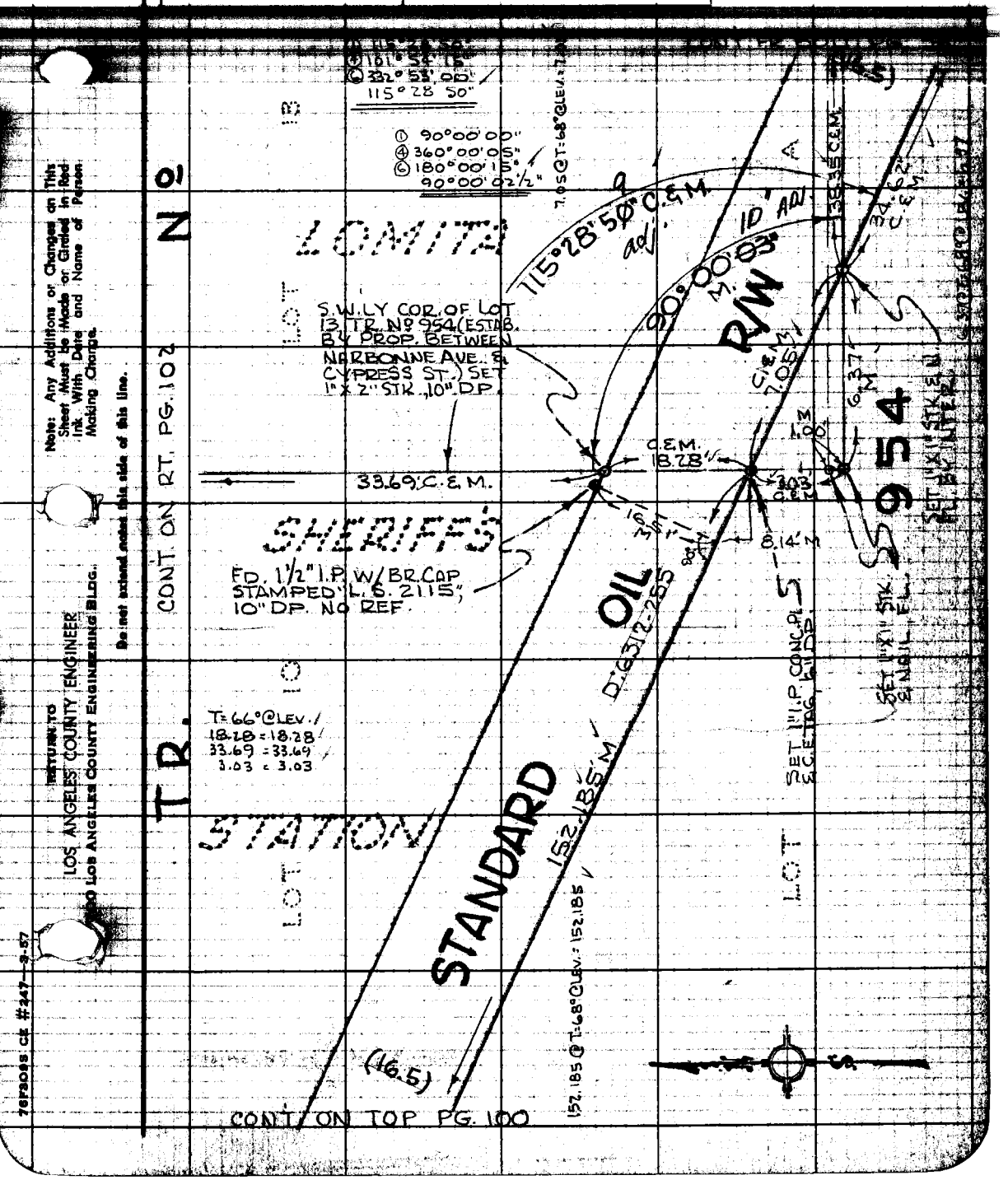
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

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.

PWER 0319 1240

Notes Ck'd by R. HILARIO	Survey of LOMITA SHERIFF'S STA.
Map No.	
Office Work S. KURACHI	Surveyed by R.B.H.
Checked R. HILARIO	Notes R.B.H. Date 5-72
Date 3-13-74	Indexed G. J. GALLI JT 2 7 74

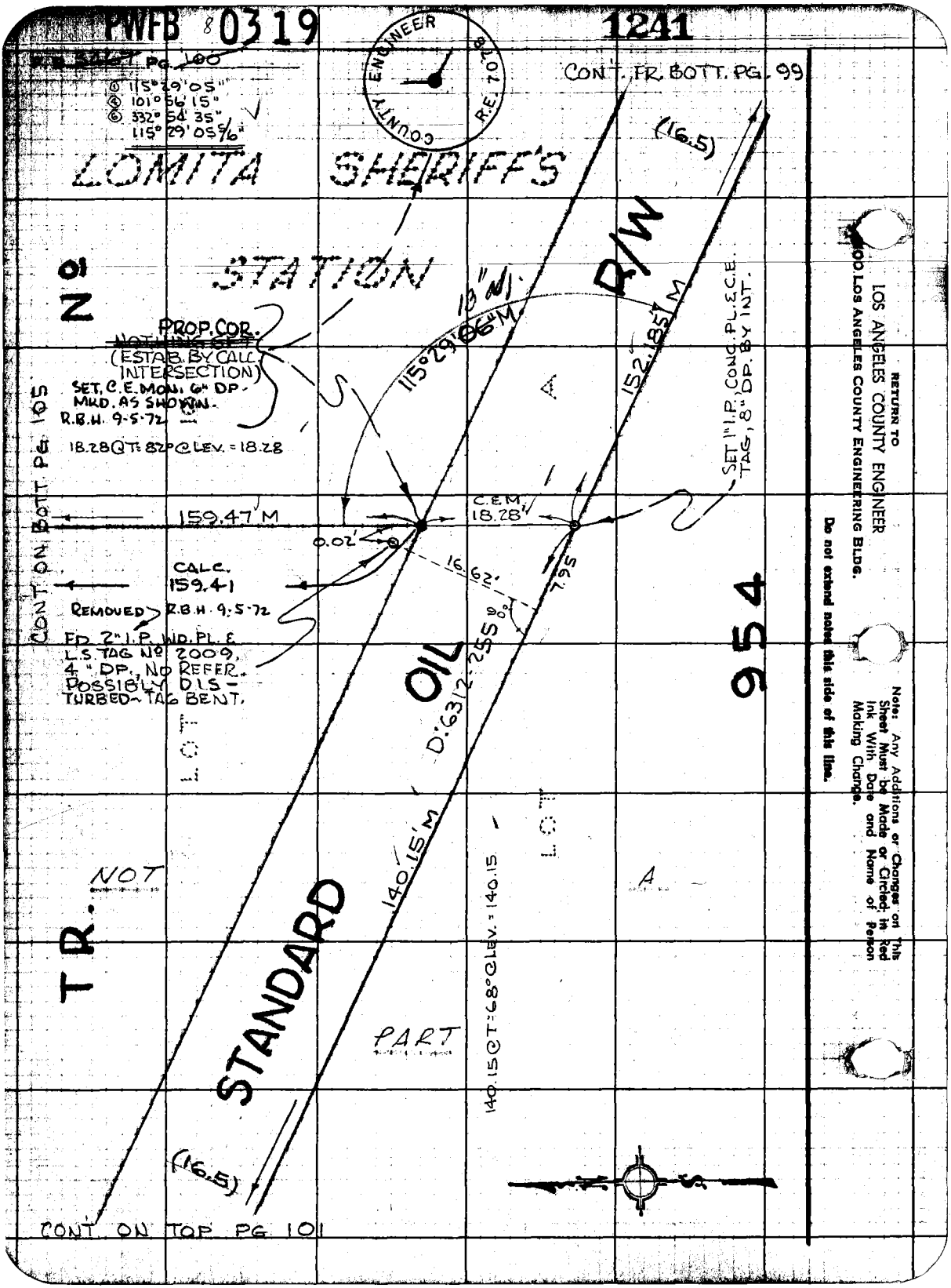


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
2220 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #247—3-57


PWFB 8 0319
1241
PG. 100
① 115°29'05"
④ 101°56'15"
⑥ 332°54'35"
115°29'05 5/6"
COUNTY ENGINEER R.E. 7078
CONT. FR. BOTT. PG. 99
LOMITA SHERIFF'S
STATION
No
PROP. COR.
(ESTAB. BY CALC. INTERSECTION)
SET, C.E. MON. 6" DP. MKD. AS SHOWN.
R.B.H. 9-5-72
18.28 @ T: 82° @ LEV. = 18.28
CONT ON BOTT. PG. 105
159.47' M
CALC. 159.41
REMOVED R.B.H. 9-5-72
FD. 2" I.P. WD. PL. & L.S. TAG No 2009, 4" DP., NO REFER. POSSIBLY DIS-TURBED ~ TAG BENT.
(16.5)
R/W
115°29'06" M
152.185' M
SET 1" I.P. CONC. PL. & C.E. TAG, 8" DP. BY INT.
C.E.M. 18.28'
0.02'
16.62'
7.95
90°
D: 6312.255
OIL
954
LOT
140.15' M
140.15 @ T: 68° @ LEV. = 140.15
NOT
TR.
STANDARD
PART
(16.5)
CONT ON TOP PG 101
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

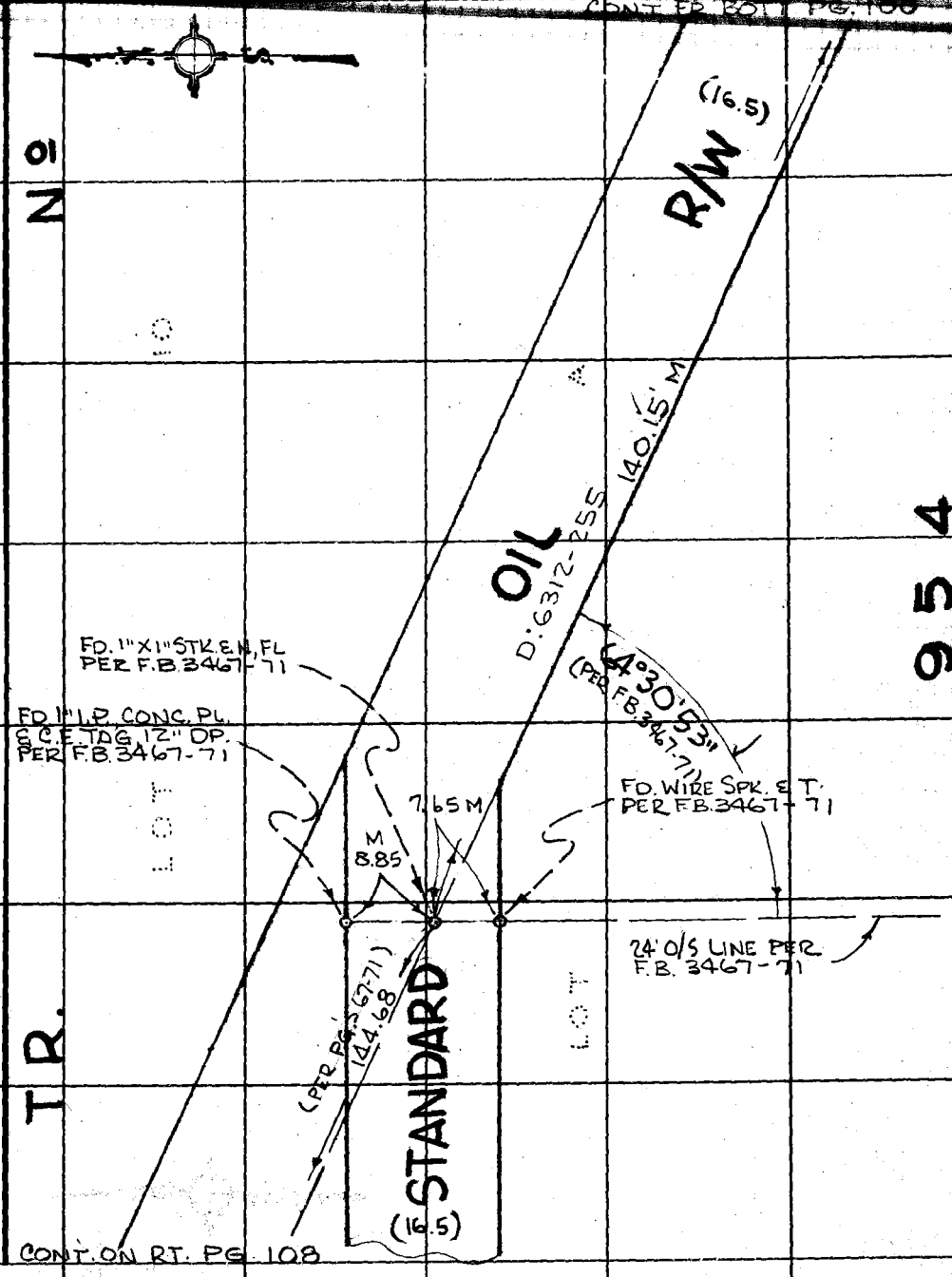
PWFB 0319

1242

Notes Ck'd by R. HILARIO	Survey of LOMITA SHERIFF'S STA.
Map No. B-5184	JN0084-39 Tape 0262 Std. 68 °F
Office Work S. KURACHI	Surveyed by
Checked R HILARIO	Notes D B H. Date 6-72
Date 3-13-74	Indexed C. J. GALLI JU. 27 '72

F. B. 3467 PG. 101

CONT. FR. BOLT PG. 100



CONT. ON RT. PG. 108

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

Do not extend this side of this line.

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

76F3095 CE#310 3-68

PWFB 0319

1243

F. B. 3467 PG. 102

CONT. FR. LT. PG. 94

TR.

No

113.60 @ T=66° @ LEV. = 113.60

A

~~PROPOSED~~

NOTHING SET. (ESTAB. 183.00' W'LY OF THE ℄ OF HARBOR AVE PER DEED.)

(PER DEED) 143.00' CALC

143.00'M

NOT PART

NOTHING SET.

P/L

SET 1"X2" STK. & N., FLUSH.

2.00 @ T=66° @ LEV. = 2.00

0.03'

2.00'M

(PER DEED & CALC.) 85.60'

(PER DEED & CALC.) 28.00'

113.60'M

6.05

P/L

CONT ON RT PG 103

PROP. COR.
FD. 2" I.P. W/D. PLUG & U.S. TAG No 7009, FLUSH (PL. & TAG 2" BELOW TOP OF I.P.) NO REFER.
REMOVED 2" I.P.
RESET C.E. MON. MKD AS SHOWN 8" DP.
R.B.H. 9-5-72

① 90°00'05"
② 360°00'10"
③ 180°00'25"
90°00'04½"

20/S LINE

229.45'M

229.42 @ T=86° @ LEV. = 228.45

N.W. COR. LOT 13 TR. No 954. NOTHING SET OR FD. (ESTAB. BY PROP. BETWEEN TRES. W'LY COR. OF LOT 13 & THE PACIFIC COAST HWY.)

COUNTY ENGINEER R.E. 7078

90°00'04"M
.05" adj.

SET 1" I.P. CONC. PL. & C.E. TAG, 8" DP.

(PER DEED & CALC.) 85.60

(PER DEED & CALC.) 28.00

115.60 C.E.M.

2.00

33.69 C.E.M.

CONT FR LT. PG 96

LOT 10

954

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

Do not extend this side of this line.

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

PWFB 0319

1244

Notes Ck'd by R. HILARIO	Survey of LOW & SHERIFF'S STA.
Map No. B-5382	JN [illegible] Tape [illegible] Std. [illegible] °F
Office Work S. KURACHI	Surveyed by
Checked R HILARIO	Notes R.B.H. Date 6-72
Date 3-13-74	Indexed [illegible]

F. B. 3467 Pg. 105

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

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

76F309S CE#310 3-68

CONT. ON BOTT. PG. 104

CONT. FR. LT. PG. 102

CONT. FR. LT. PG. 102

PART

PART

LOT 10

LOT 10

TR.

SHERIFF'S STA.

COUNTY ENGINEER R.E. 704

NOT

95

N0

143.00 CALC.

143.00 M

372.46 CALC.

372.46 M

229.46 M

P/L

7'0/S LINE

2'0/S LINE

1.97 M

2.00

0.0

PROP COR.
NOTHING SET (ESTAB 18300 W'LY. OF ℄ OF NARBONNE AVE. PER DEED)

(PER DEED & CALC.)
85.60
115.60 M

R.B.H. 9-5-72
PROP COR.
FD. 2" I.P. CONC. PL. & L.S. TAG No 2009, 2" DP. NO REF.

SET 1"X2" STK. E.N.&FL.

PROP COR. ~ SET C.E. MON. 6" DP. MKD AS SHOWN. N.W. COR. LOT 12 ESTAB BY PROP. BETWEEN THE N.W. COR. OF LOT 8 & S.E. COR. LOT 10, TR. No 954
372.43 @T= 80° @ LEV.= 372.46
229.44 @T= 80° @ LEV.= 229.46
R.B.H. 9-5-74

9-5-72
REMOVED R.B.H.
FD 2" I.P. WD. PL. & L.S. TAG No 2009, 6" DP. NO REFER.

100.63 @T=68° @ LEV.= 100.63
7.00 @T=68° @ LEV.= 7.00
11.03 @T=68° @ LEV.= 11.03
2.00 @T=68° @ LEV.= 2.00
115.60 @T=68° @ LEV.= 115.60

0.14

0.02

0.05

100.63' C.E.M.

7.00 C.E.M.

11.03 C.E.M.

2.00

(PER DEED & CALC.)
85.60
115.60
C.E.M.

SET 1"X2" STK. E.N., FLUSH.

SET 1"X2" STK. E.N.&FL.

① 89° 59' 30"
④ 359° 58' 35"
⑥ 179° 57' 50"
89° 59' 38" 1/3

① 89° 59' 45"
④ 359° 58' 55"
⑥ 179° 58' 35"
89° 59' 45" 1/3

① 89° 59' 55"
④ 359° 59' 45"
⑥ 179° 59' 40"
89° 59' 56" 1/3

89° 59' 38" M.

89° 59' 57" M.

89° 59' 46" M.

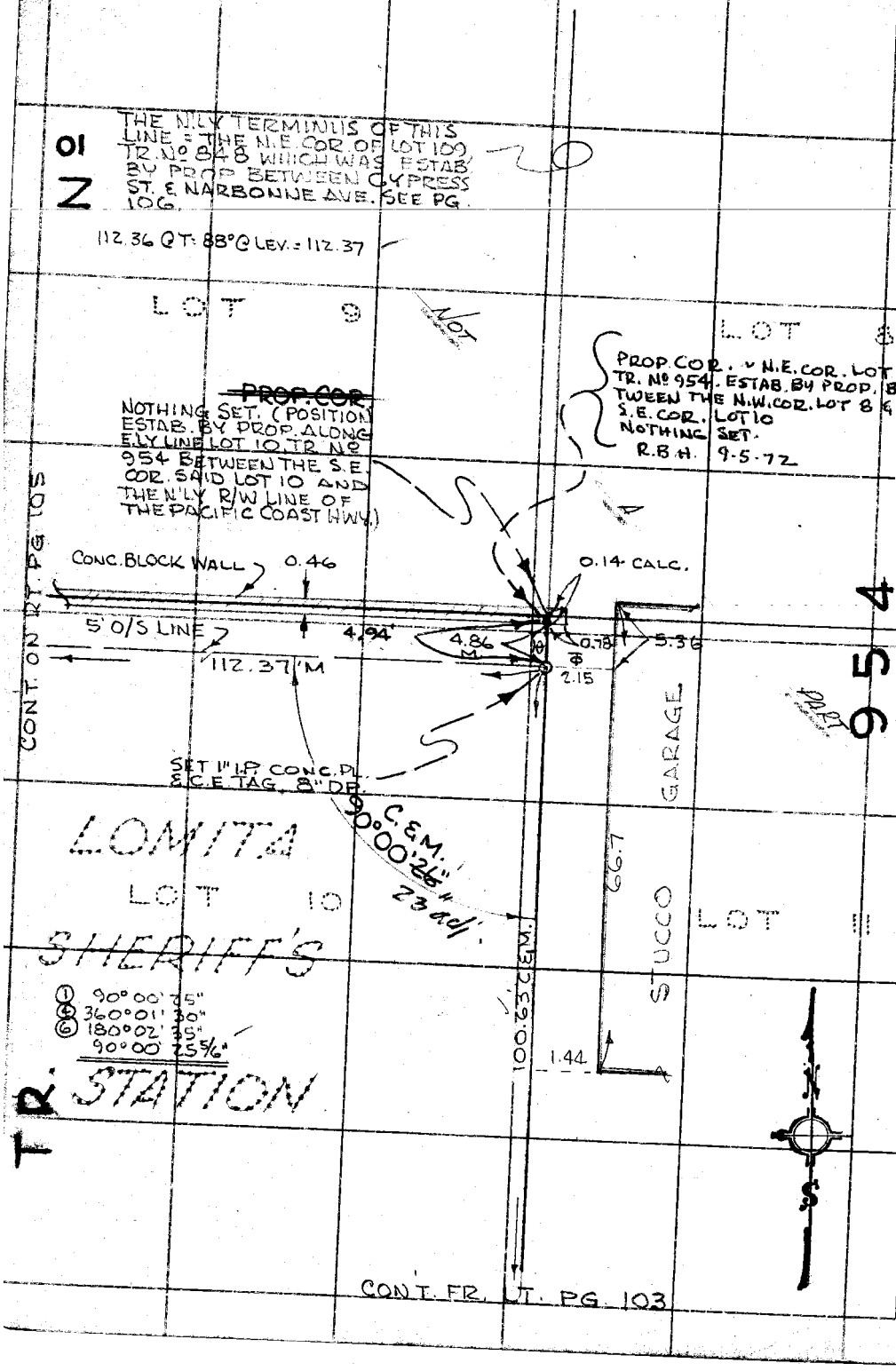
43 Rd.

R.B.H. 9-5-72
REMOVED ~~PROP COR.~~
SET 1"X1" STK. E.N. FL. ESTAB. BY PROP. ALONG E'LY LINE LOT 10, TR. No 954 BETWEEN THE S.E. COR. SAID LOT 10 AND THE PACIFIC COAST HWY.

PWFB 0319

1245

F. B. ~~3467~~ PG ~~104~~



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

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

PWFB 0319

1246

Notes Ck'd by R. HILARIO	Survey of LOMA / CHEVERS SUB
Map No. D-584	JN 0004 Tape 026 Std 66
Office Work S. KUKACHI	Surveyed by
Checked R HILARIO	Notes R B H Date 6-72
Date 3-13-74	Indexed J. GALLI

F. B. 346 PG. 105

CONT. ON R/S FR 100

N 01 PART

(25') (50') (25') ST.

COUNTY ENGINEER R.E. 7078

T=88°@LEV. 0.07=0.07 4.93=4.93

9-5-72 R.B.H REMOVED SET NAIL & TAG BY CALC. INT.

SET C.E. MON. IN WELL W/COVER MKD. AS SHOWN BY INT. R.B.H. 9-5-72

CONT. ON RT. PG. 104

1161.98 M

D:43-223

PROP. COR. ~ ESTAB. BY INT. ~ NOTHING SET R.B.H. 9-5-72

SET C.E. TAG 0.06'

0.07 M 4.93 M 4.94'

25.00 M 0.01

0.14 4.86

4.90 112.37 M 5'O/S LN.

4.94'

4.88'

15.33 15.41

42.525 42.89

FD. L&T. PER L.A. CITY F.B. 21206-28

SET SQ. HD. SPK BY INT.

LUCILLE

40.12 C&M FD. P.M.S ON M.H. RIM PER L.A. CITY F.B. 21206-28

D:43-223

FD. L&T. PER L.A. CITY F.B. 21206-28

45.00 CALC.

50.00 CALC.

FD. 1½" I.P. W/BR. CAP STAMPED "L.S. 2115 & L.K.", FL. PER L.A. CITY F.B. 21206-28

SET 1" X 2" STK. E.N.FL.

LOMITA

25.00 @ T=88°@ LEV. = 25.00

0.06'

SET P.M. BY INT. USING 2 FD. L&T'S & 2 FD. P.M.S ON M.H. RIM. HELD FOR ℄.

17.975 14.92

15.13 25.00

FD. LD. (NO TK.) SET TK. IN CTR.

0.06' 0.58 25.00'

PROP. COR. ~ SET C.E. MON. 8" DP BY INT. MKD AS SHOWN. R.B.H. 9-5-72

PROP. COR. ~ SET C.E. MON. 8" DP. BY INT. ~ MKD AS SHOWN R.B.H 9-5-72

PROP. COR. NOTHING SET

T R NOT PROP. COR. SET ~~NAIL & TAG~~ C.E. TAG 8" DP. PER DEEDS (LUCILLE ST. ~ D:43-223)

REMOVED R.B.H. 9-5-72

CALC. 159.41'

T=82°@ LEV. 4.88=4.88 40.12=40.12 159.46=159.47

159.41 M

SHERIFF'S ST.

CONT FR. L.T. PG. 100

COUNTY ENGINEER R.E. 7078

COUNTY ENGINEER R.E. 7078

9-5-72 R.B.H REMOVED ~~SET NAIL & TAG~~ NO REF.

PROP. COR. NOTHING SET.

90°00'38" 360°02'10" 180°03'25" 90°00'51"

1162.00 ST=C.L.

NOT

CONC. BL. WALL 0.46

CONT. ON L.T. PG. 104

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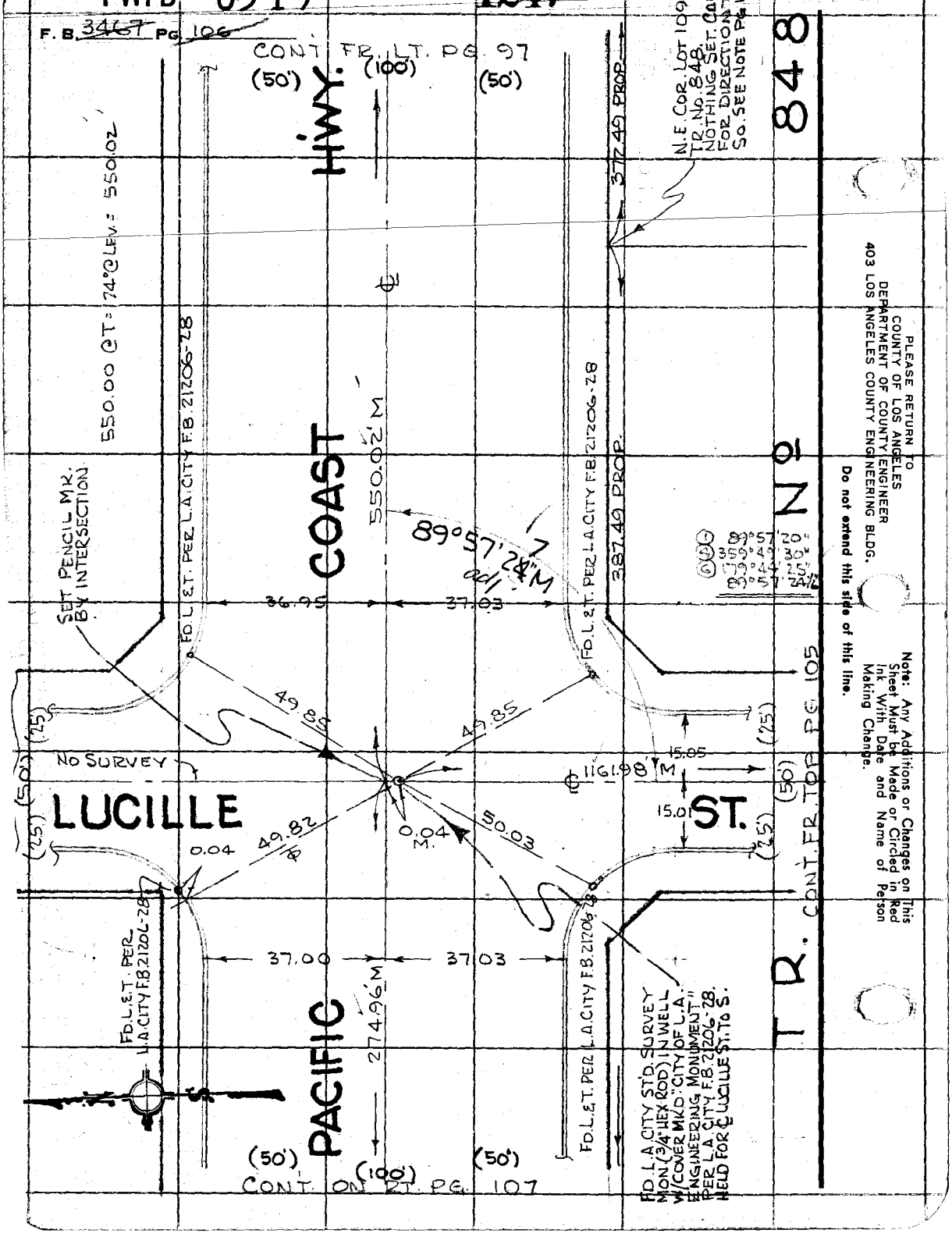
PLEASE RETURN TO COUNTY OF LOS ANGELES DEPARTMENT OF COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

PWFB 0319 1247

F. B. 3467 PG 106



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

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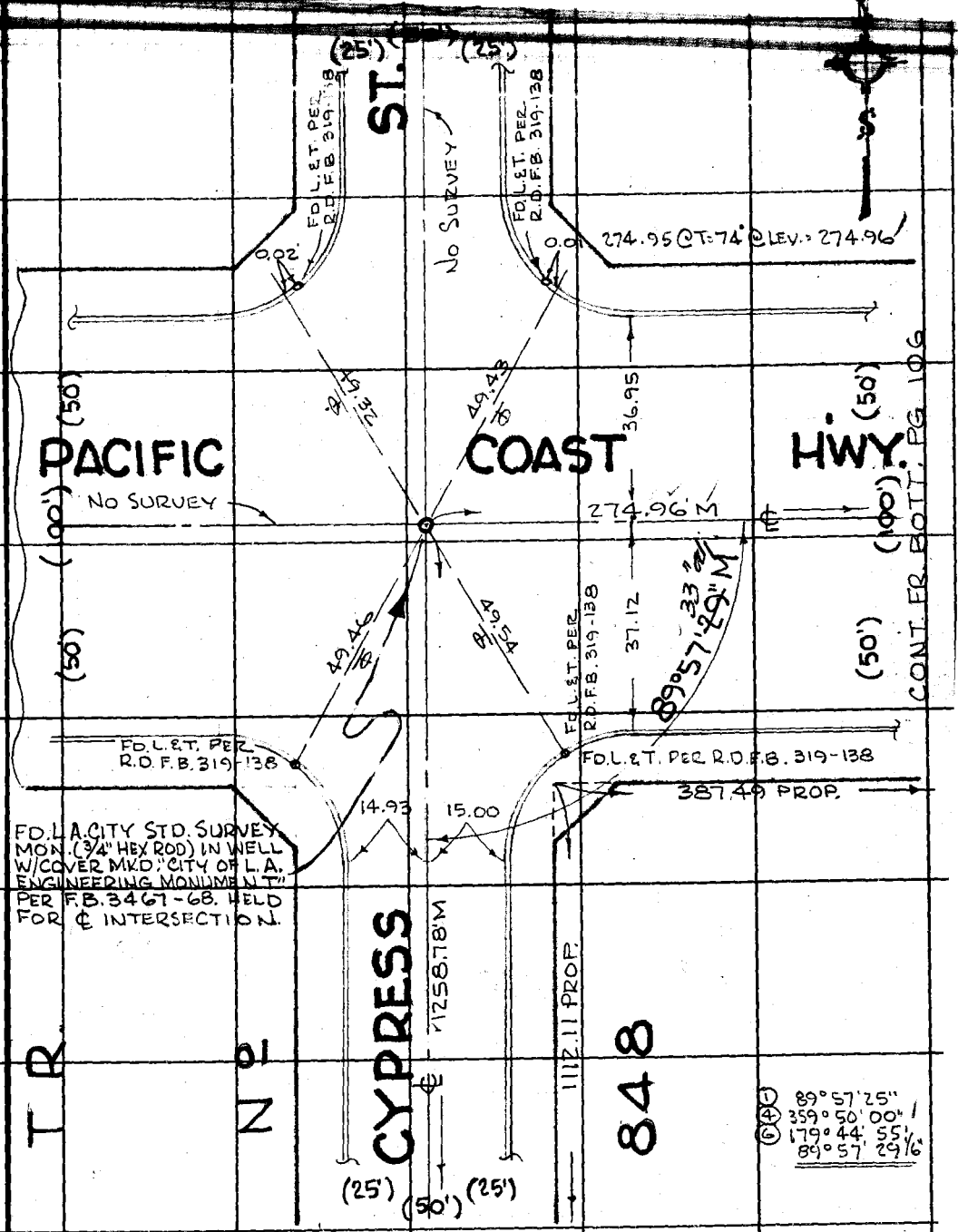
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 0319

1248

Notes Ck'd by R. HILARIO	Survey of
Map No. [illegible]	JN 0004.319 Tape 0268 Std. 68 °F
Office Works S. KURACHI	Surveyed by
Checked R. HILARIO	Notes R.B.H. Date 6-72
Date 3-13-74	Indexed [illegible] GALLI [illegible] 2 72

F. B. 3467 PG. 107



CONT. ON TOP PG. 108

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

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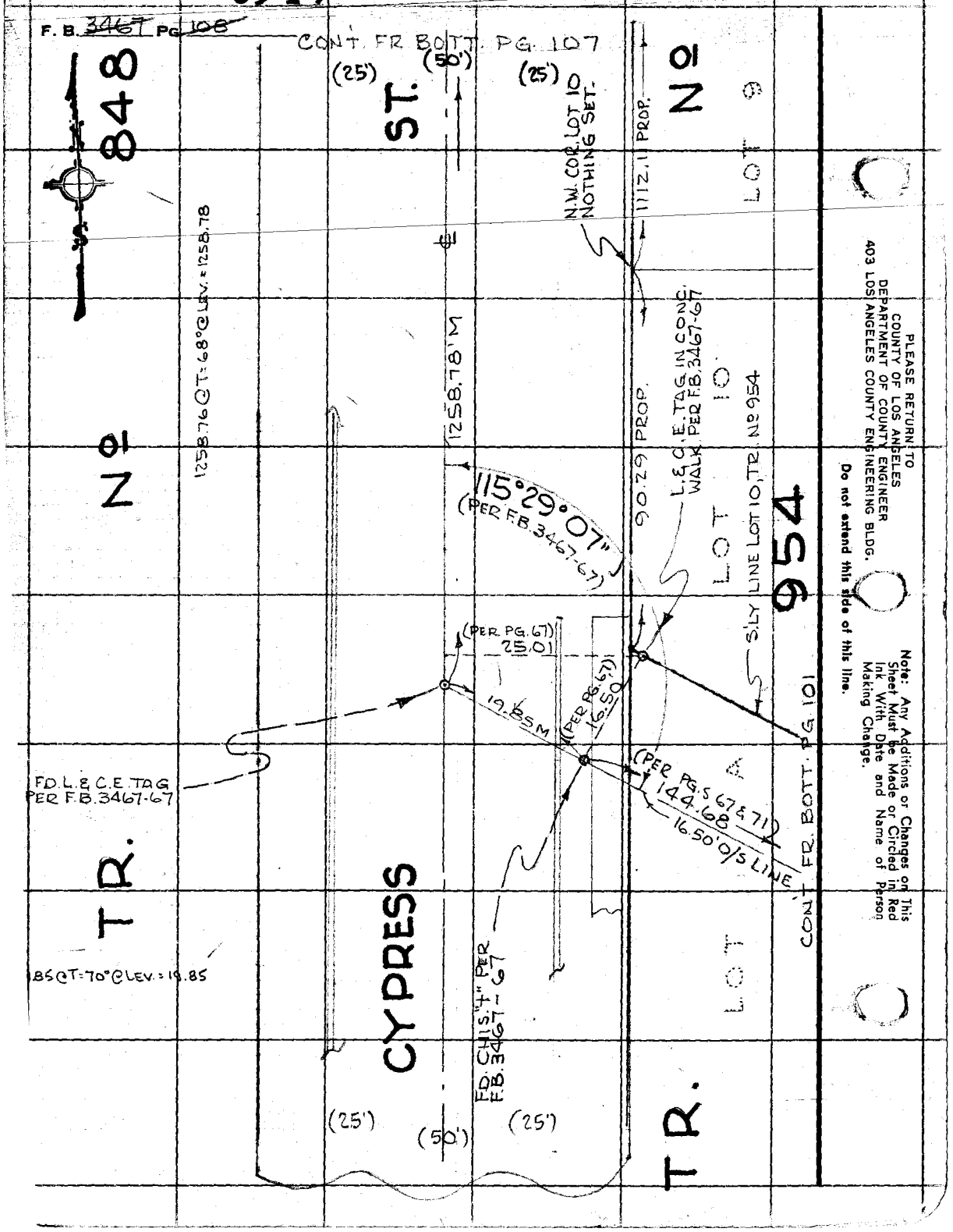
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

PWFB - 0319 1249

F. B. ~~3467~~ PG ~~108~~



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

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

Notes Ck'd by	Survey of W.W. DIST. #13 - LOMITA	F.B. 3467 Pg. 109
Map No.	JN 5132.23 Tape Std °F	
Office Work	Surveyed by R.B. HOBSON	
Checked	Notes R.B.H. Date 3-8-78	
Date	Indexed G. D. BAILEY MAR 14 1978	

W.W. DIST # 13 - LOMITA J.N. 5132 23

CONSTR. STAKES FOR PROPOSED CHLORINATION BUILDING @ EXISTING RESERVOIR SITE AT 26112 S. CYPRESS STREET AND CONSTR. STAKES FOR PROPOSED 10" ϕ STEEL PIPE.

REF: DWG Nº WWB-C-82-C-2 AND C-3

MAR. 8TH, 1978
R.B. HOBSON
K. MYERS
C. YASUI
D. PRIEBE

SPEC. WWD-13-117

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

PLEASE RETURN TO
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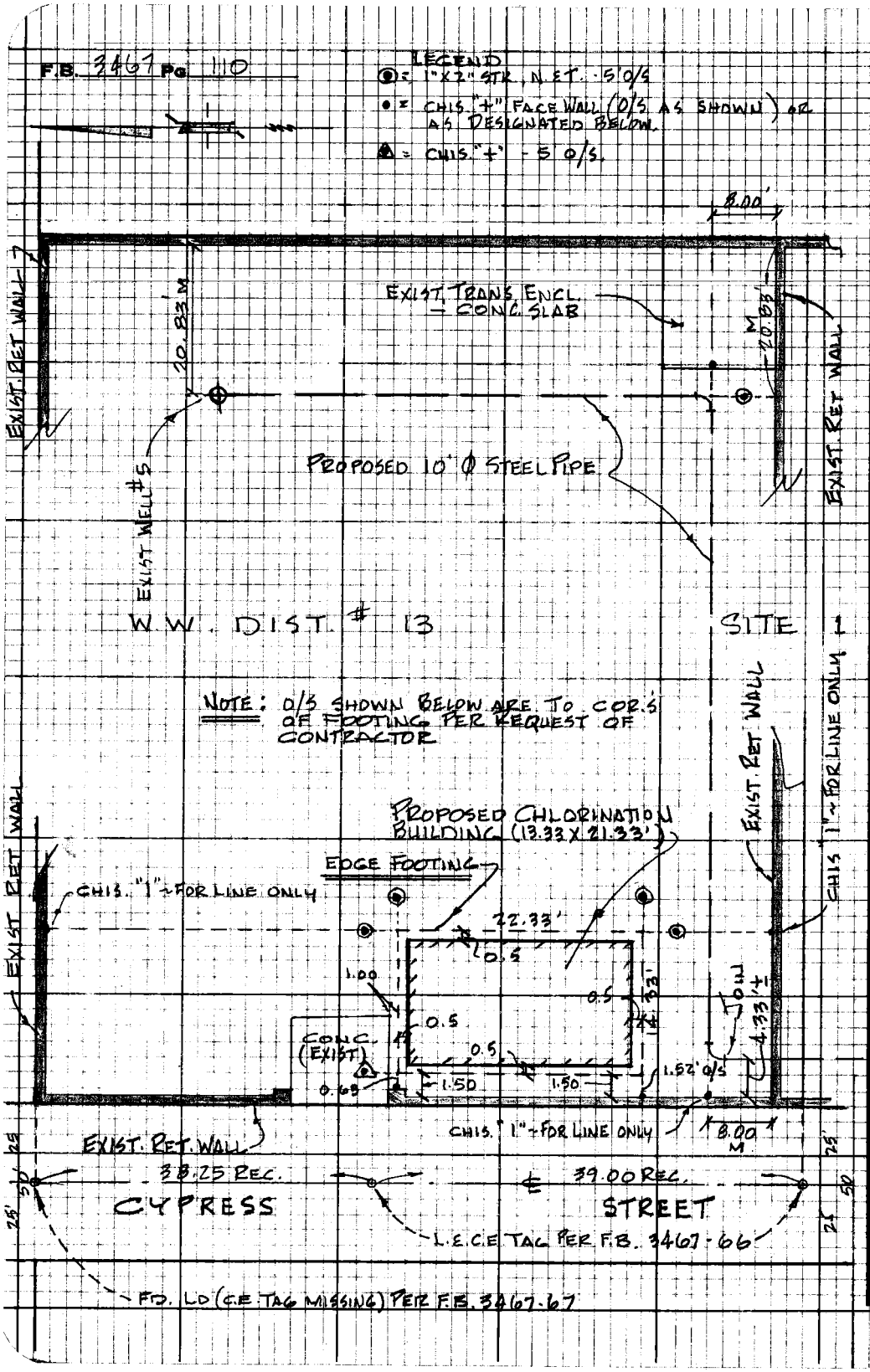
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

16F3098 CE #310 9-67



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

Do not extend this side of this line.

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

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

Survey of W.W.DIST #13 - LOMITA F.B. 3467 Pg. 1
JN 5132.23 Tape Std °F
Surveyed by R.B.H
Notes R.B.H Date 3-8-78
Indexed G.D. BAILEY MAR 14 1978

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 ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

W.W. DIST #13 - LOMITA J.N. 5132.23

SEWER LOC. - AS STAKED -
IN
CYPRESS AVENUE

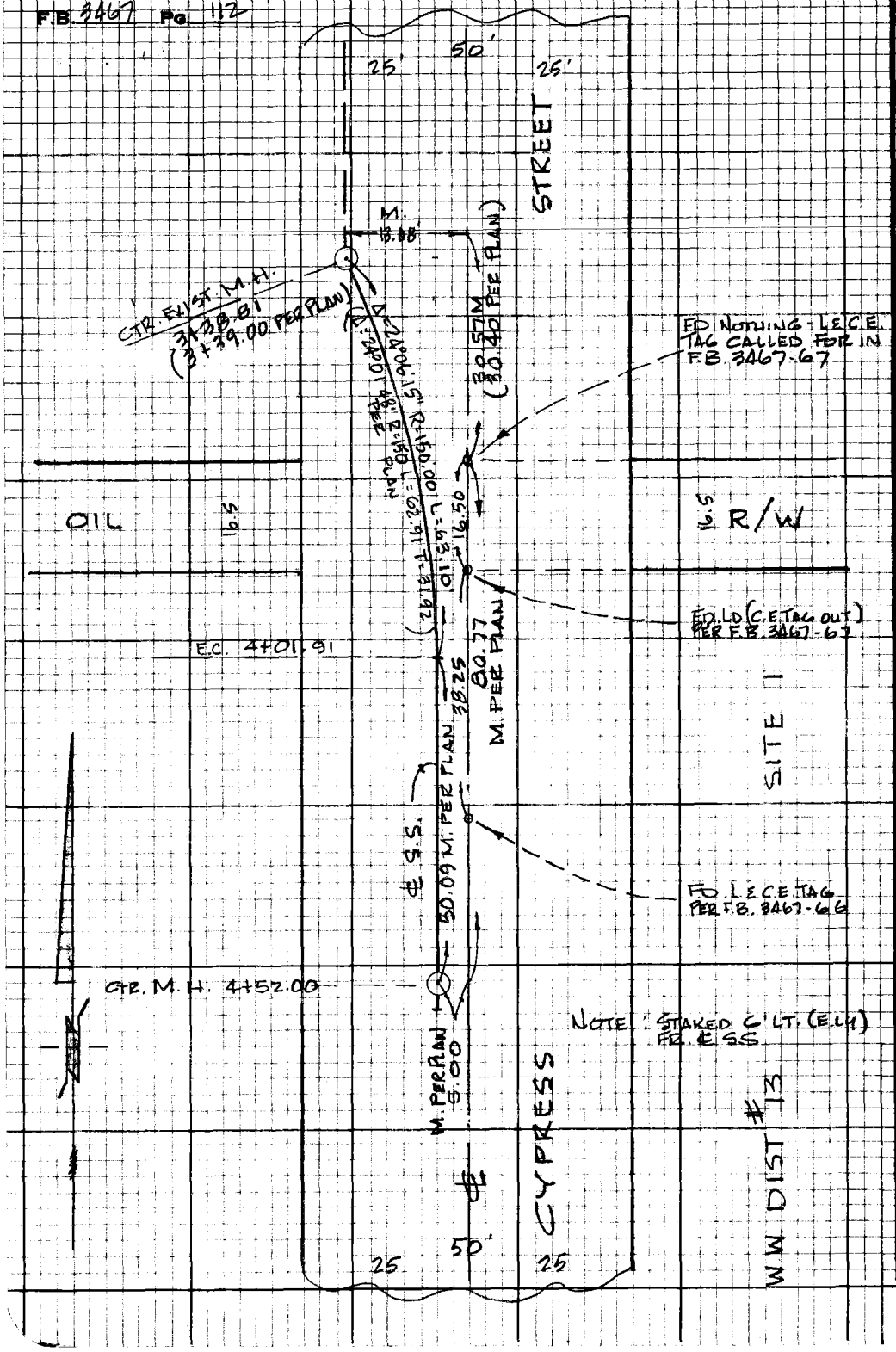
FROM: EXIST. M.H.C STATION 3+38.81
TO: M.H.C STATION 4+52.00

REF: DWG No. WWB-C-82-C7 (SHT. 8 OF 9)

MAR. 8TH 1978
R.B. HOBSON
K. MYERS
C. YASUI
D. PRIEBE

SPEC. WWD-13-117

F.B. 3467 Pg. 112



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

Do not extend this side of this line.

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

F. B. 3467 PG. 113

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5132.23 Division No. 11

Survey of W.W. DIST. #13 - LOMITA

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by R.B.H. Notes R.B.H. Date 3-8-78

Map No. ____ Indexed G. D. RAILEY Date MAR 14 1978

W.W. DIST #13 LOMITA J.N. 5132.23

SEWER CONSTR. STAKES

IN

CYPRESS AVENUE

(1)

FROM: EXIST. M.H. @ STA. 3+38.81

TO: M.H. @ STA. 4+52.00

CASH CONTRACT No 8898

REF: DWG No WWB-C-82-C7 ~ (SHT 8 OF 9)

MAR. 8TH, 1978
R.B. HOBSON
K. MYERS
C. YASUI
D. PRIEBE

SPEC. WWD-13-117

SEE PG. 112 FOR AS STAKED LOCATION.

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

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

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

76-L-298 CE 307 8-70

76-L-298-CE 307-8-70

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

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

Do not extend notes this side of this line.

F. B. 3467 PG. 112 | Job No. 5132.23 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of W.W.DIST. #13 - LOMITA Date ____ No. X-Sec.
Survey by R.B.H. Notes R.B.H. Notes Chk'd. ____ Checked ____ No. ____
Indexed G.D. BAILEY Date MAR 14 1967 Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	
B.M. "C"						B.M. "C" ELEV. 175.689 F.B. 3467-18 CYPRESS AVE. ℄ 1320'± SO. OF PACIFIC COAST HWY. (12' N. OF P.P. # 617348H) BT. SPK. IN E. CB.		
(3+39.00 PLAN) 3+38.81	CTR. EXIST. M.H.		B.C.			—	—	SET NOTHING
(3+41.00 PLAN) 3+40.81				170 53		160.10	10.43	SET CHIS. "+" 6' LT. (E.) OF ℄ S.S.
+50				172 05		161.70	10.35	
+62.50				174 08	6%	163.87	10.21	
+75				176 14	17.40	166.05	10.09	
+87.50				178 41	±	168.22	10.19	
4+01.91	E.C.			180 91	+	170.73	10.18	
+25				184 84		174.75	10.09	
4+50.00				189 17		179.10	10.07	
4+52.00	CTR. M.H.					—	—	
4+54.00		2' STUB		189 86		179.60	10.26	

TO	Field Engineer	FROM	Tom

Subject Date

WW Dist # 13 – Lomita

Installation of Pumping & Chlorination Facilities In Exist. Reservoir Site At 26112 S. Cypress St., Lomita

Please set construction for Chlorination Bldg (Sht 3) project beginning Wed 3-8 followed by sewer staking all in accordance with en Spec WWD-13-117.

See Contractor in trailer site, Shirley Const. Co., for r offsets and further order of

This is per request of M

FO[redacted] 2M5C 2-31

FROM In Town of Lomita

B-5091 C. S. MAP FILED ~~1-[illegible]-29~~ 4-6-70

MAP BY

F. B. 230:1-34 CHECKED BY Keagle

1527: 247-250, 265-268 SURVEYED BY Moore & Dunlap

2653: 125-143-176, 177-185 UNDER DIRECTION OF Emmott

3467: 5-49, 63- SURVEY BEGUN 11-22-28

SURVEY 100 % COMPLETE ON 12-8-28

L. B. 513:1-170 DETAIL MAP 100 % COMPLETE ON 12-8-28

TRACING 100 % COMPLETE ON 1-28-29

No map made. Survey for Mechanical Dept.

5131.01 Loc. 12 service connections-Lomita Blvd. (WWks 1-4-56

5132.20 APPIAN WAY BOOSTER PUMP. STA. (Lomita) (WWKS 7-17-69

W. S. 28 FILE 451

WATER WORKS DISTRICT #13 W.O. 924 5131.01

FO[redacted] 2M5C 2-31

FROM Tank Site-Lots 9,10,11 Block 111, Tr.3377 264th St. & Appian Way

C. S. MAP NO. B-1318 BOARD ORDER DATE Req. Mech. Engr. 9-24-36

B-1459 C. S. MAP FILED 4-14-38 12-21-38

B-2303 8-2-51

MAP BY

F. B. 599:75-86 CHECKED BY

899: 89-107 [illegible] SURVEYED BY

109-116-[illegible] UNDER DIRECTION OF

117-120 - 254th St SURVEY BEGUN

2653: [illegible]; 177-185 SURVEY 100 % COMPLETE ON 12-2-38

F. B. 3467: 63-84 DETAIL MAP [illegible] % COMPLETE ON 12-10-38

TRACING % COMPLETE ON

[illegible] 100% 12-6-38

[illegible]

[illegible] 4-11-39

Prop. [illegible] 8-22-39

0275 Mon. for fence & loc. wells. (Mech. 5-10-51)

4804.05 Loc. water lines for reloc. (Archt. 7-2-54

W. S. 28 FILE (over)

WATER WORKS DISTRICT #13 0275 J.N. 8165 5234

C.S.B. 5091
F.B. 3467 - 63 to 72 by R.B. Hobson
W.W.D. #13 Spec. # _____ Const.

F.B. 2653 - 162 to 164 BM diff

CSB-5091 5132.20 W.W.DIST.#13-Appian Way Booster Pump.
J-45 5132.28 W.W.#13 - Proposed Reservoir Site #2 1"=20'

5133.14	Water Main Imp.in Tr.15947	W.W. -12-22-54
5131.01	Concrete reservoir(2275 W 262nd St.)	WWks 5-20-60
5134.20	improvements-Phase III	WWKS 6-1-61
5134.22	Water Main - Phase IV	WWKS 8-31-61
5134.23 & 5134.49	Water Main-240th St.	" 10-31-61
0301.00	Reservoir settlement survey	WWKS 1-6-64
5132.28	Proposed Reservoir W.W.#13	WWKS 2-15-72