Notes Ck'd by A. E. DART
Map No.
Office Work
Checked
Plotted

Survey of PANAMA AVENUE
JN 6116.90 Tape 775 Std 68 °F
Surveyed by J. P. MENNE
Notes J.P.M Date 3-67
Indexed C. J. GALLI
MAR 21 67

F. B. 3343 PG. 5

PANAMA AVENUE

STORM DRAIN PROJECT

NO. 690

J.N. 6116.90

FROM

LOMITA BLVD.

NORTH

TO

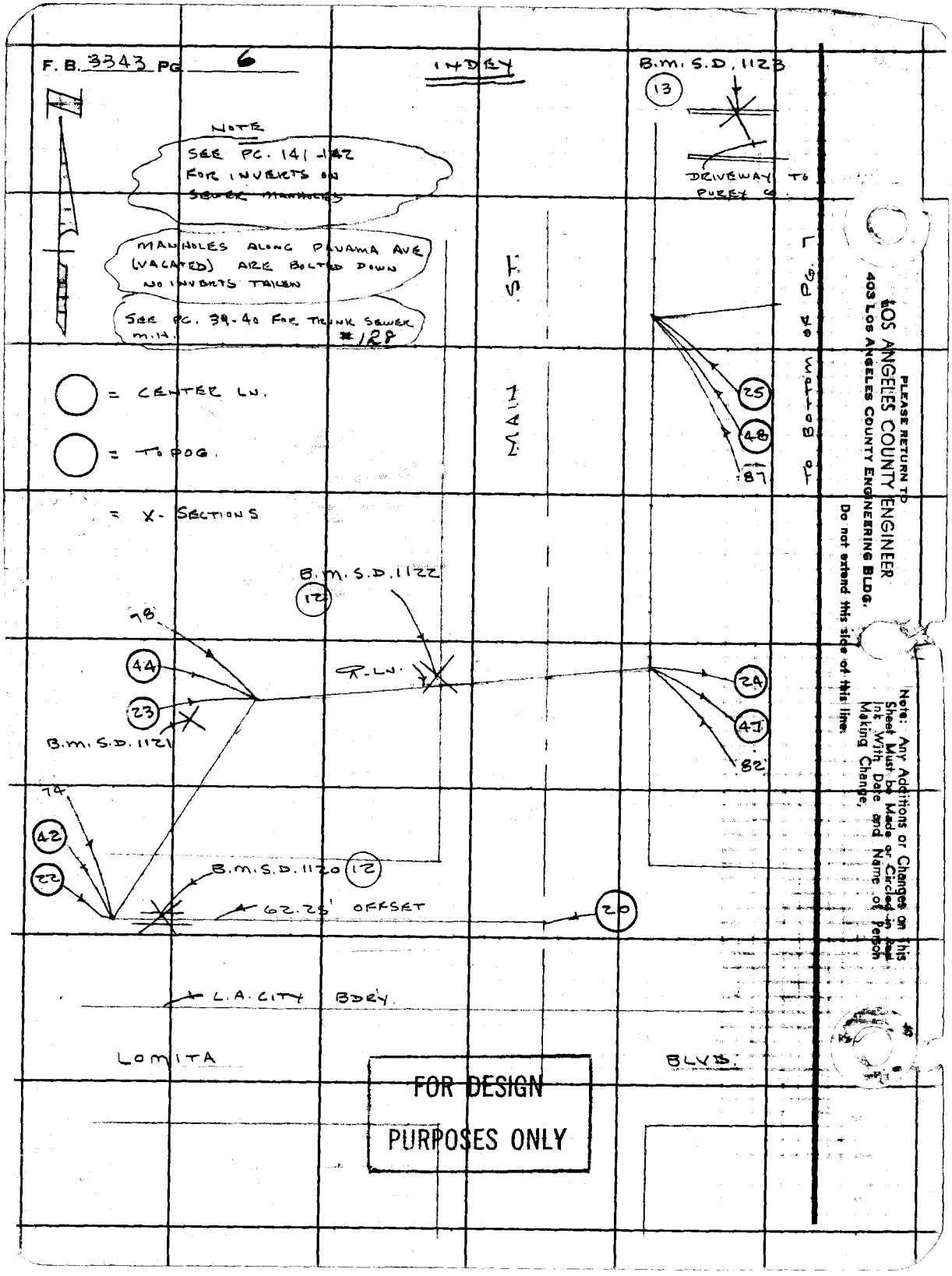
237TH STREET

FOR DESIGN
PURPOSES ONLY

2703
1527
DEPT. F.Q. 652
2723

J. P. MENNE
E. SHOEMAKER
V. LIEBER
L. C. [illegible]
[illegible] RODRIGUEZ

Microfilmed March '85


F. B. 3343 PG 6
INDEX
B.M. S.D. 1123
13
DRIVEWAY TO PUREX CO.
NOTE
SEE PC. 141-142 FOR INVERTS ON SEWER MANHOLES
MANHOLES ALONG PANAMA AVE (VACATED) ARE BOLTED DOWN NO INVERTS TAKEN
SEE PC. 39-40 FOR TRUNK SEWER M.H. #128
= CENTER LN.
= TOPOG.
= X-SECTIONS
MAIN ST.
TO BOTTOM OF PG. 7
25
48
87
B.M. S.D. 1122
12
78
44
23
B.M. S.D. 1121
R-LN.
24
47
82
74
42
22
B.M. S.D. 1120
12
62.25' OFFSET
20
L.A. CITY BDRY.
LOMITA
BLVD.
FOR DESIGN
PURPOSES ONLY
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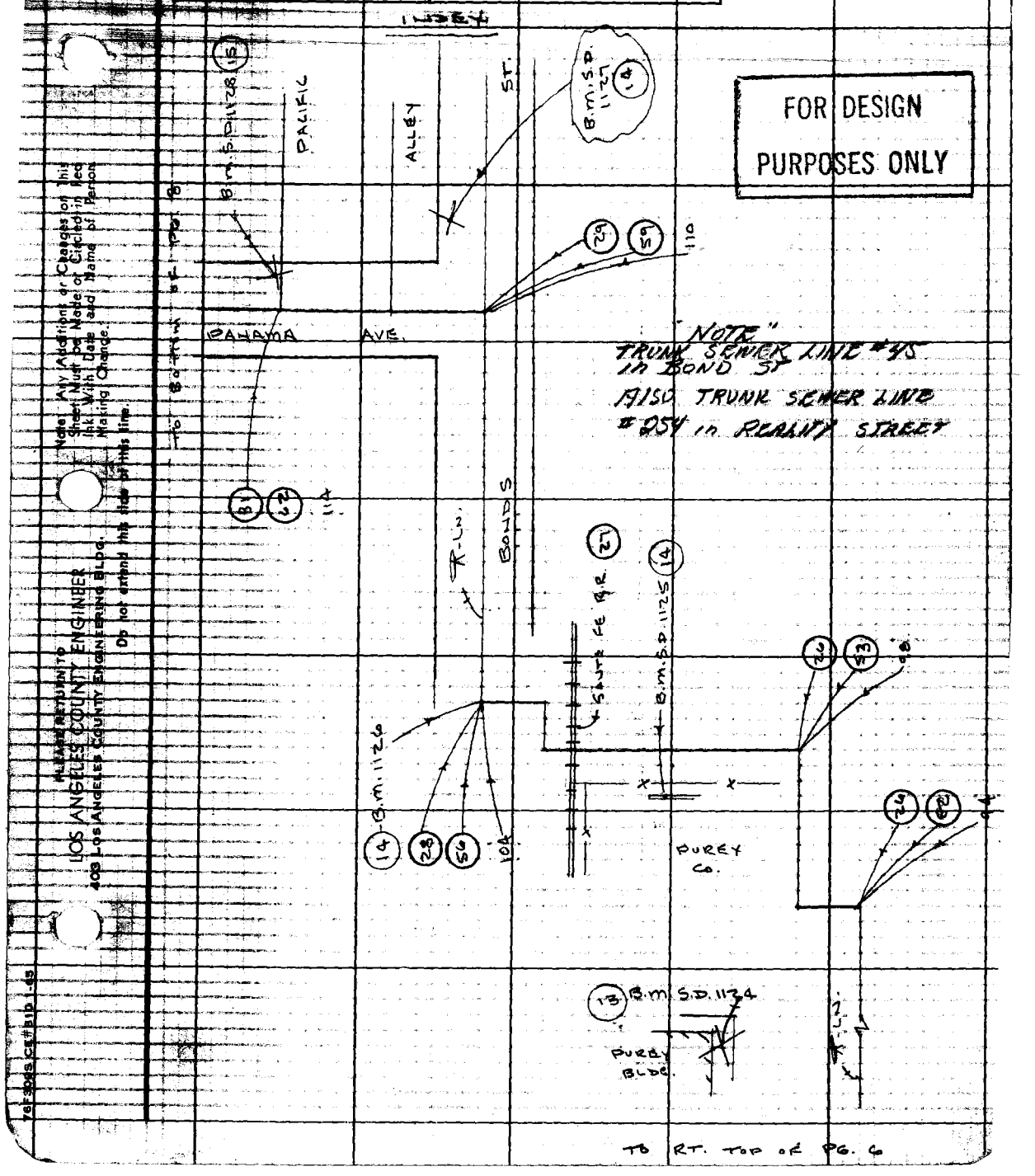
Notes Ck'd by A F DART	Survey of PANAMA AVE	F. B. 3343 PG. 9
Map No.	UN 6116.90 Tape 225 Std 68 °F	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J. P. M Date 3-67	
Date	Indexed C. J. GALLI	



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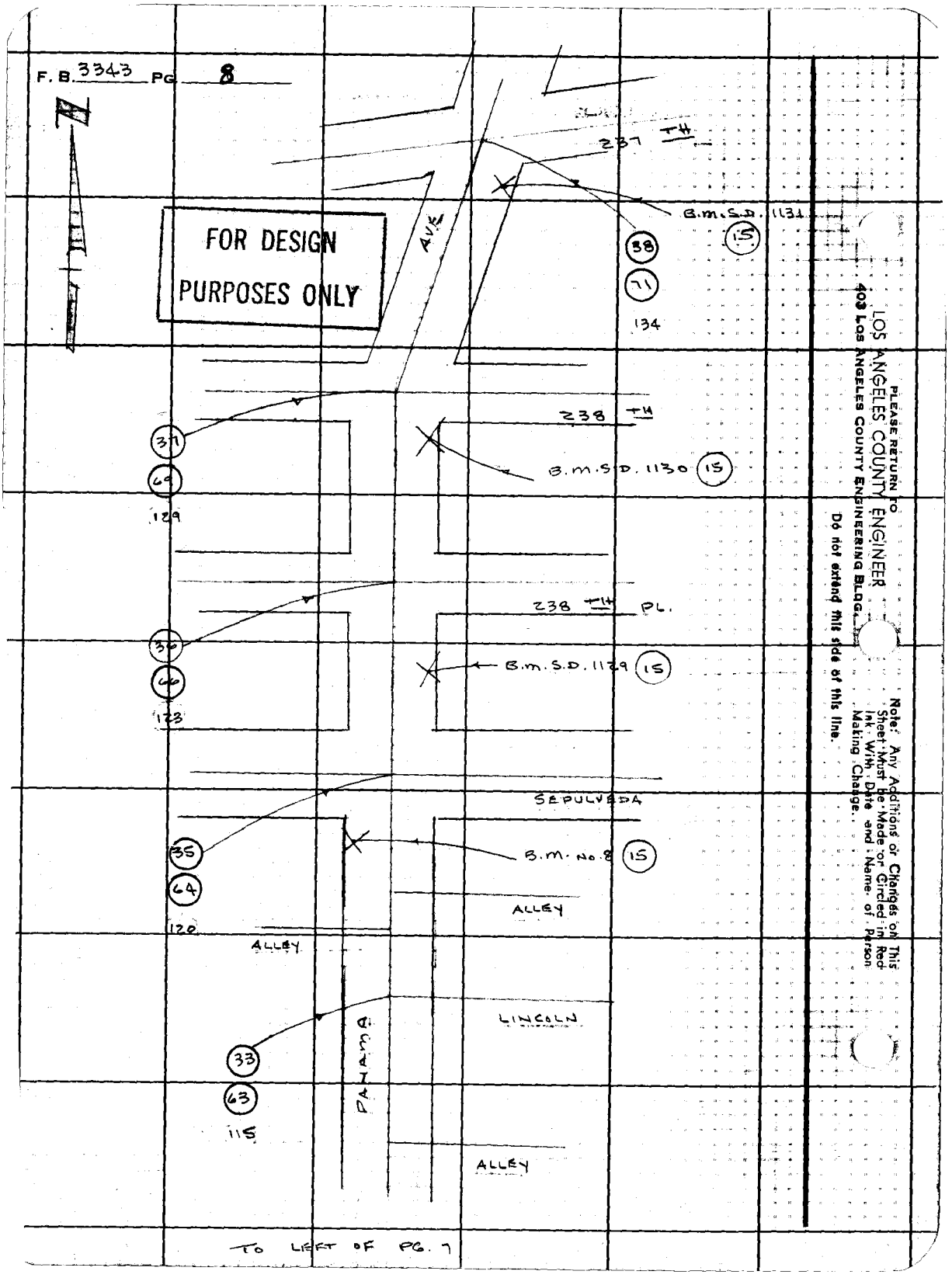
76F309S CE#310 1-65

F. B. 3343 PG 8



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NOTES RED. JOB NO. 6116.90 SURVEY OF PANAMA AVENUE | F. B. 3343 PG. 9

DATE SURVEY BY J.P. MENNE

NOTES CHKD. E. DART NOTES BY J.P.M DATE 3-7-67

DATE 4-24-67 INDEXED ~~C. J. GALLI~~ DATE APR 21 '67

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
PANAMA AVENUE						
STORM DRAIN PROJECT						
Nº 690						
JN 6116.90		J.P. Menne				
		E. Shoemaker				
		V Lieber				
		L.C. Love				
			Level. SOKKISHA No. 32103			
			LEVEL RODS 19 & 20			

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SD 1118

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						~~B.M. 5-46-C EL. = 43.192 F.B. 3701-113~~
BM 5-46-C	43.192				43.192	Lomita Blvd & Avalon Blvd.
	4.846		4.672			ON ℄ OF AVOLON BLVD. 41' SOUTH OF NO.
	48.038	-0.431	-0.428			CURB LINE OF LOMITA & 28' EAST OF
	5.277		5.100			WEST CURB LINE OF AVOLON BLVD.
T.P.	42.761					L.A. CITY MON. MKD. WILMINGTON E-1-1948
	4.281		4.333			IN WELL & COVER
	47.042	-1.425	-1.425			
	5.706		5.758			
T.P.	41.336					
	4.755		4.614			
	46.091	+0.443	-0.442			
	4.312		4.172			
						EL. = 41.779 F.B.
B.m. "A"	41.779				41.779	B.m. "A" — LOMITA BLVD. & ISLAND AVE
	4.369		4.233			N.E. CORNER. — 4' EAST OF EAST CB. RET.
	46.148	-0.214	-0.217			SET. SM. BT. SPK. IN LEAD ON CURB.
	4.583		4.450			
T.P.	41.565					
	5.052		4.912			
	46.617	+0.279	+0.279			
	4.773		4.633			
						EL. = 41.844 F.B.
B.m. "B"	41.844				41.844	B.m. "B" — LOMITA BLVD. & RAVENNA AVE
	5.232		5.069			20' NORTH OF ℄ INTER. — FD. L.A. CO.
	47.076	+0.232	+0.231			ENG. MON. IN HAND HOLE & COVER.
	5.000		4.838			
T.P.	42.076					
	4.323		4.413			
	46.399	-1.087	-1.087			EL. 40.990 F.B.
	5.410		5.500			LOMITA BLVD. & BAY VIEW AVE
B.m. "C"	40.989				40.990	B.m. "C" — S.W. CORNER 22' W. OF WEST C. RET. — FD. LG. BT. SPK. ON CURB.

JOB NO. 6116.90 SURVEY OF PANAMA AVE NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M. DATE 3-7-67 NOTES CHKD.
INDEXED C.J. GALLI DATE DATE

F.B. 3343 PG. 10

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. "C"	40.989				40.990	B.M. "C"
	3.140		2.944			
	44.129	-2.233	-2.232			
	5.373		5.176			
T.P.	38.756					
	5.165		5.277			
	43.921	+1.497	+1.498			
	3.668		3.779			
T.P.	40.253					
	4.939		5.038			
	45.192	-0.189	-0.186			
	5.128		5.224			
T.P.	40.064					
	3.216		3.144			
	43.280	-0.222	0.224			
	3.438		3.368			EL. = 39.844 F.B.
B.M. S.D. 1118	39.842				39.844	B.M. S.D. 1118 LOMITA BLVD. & MAIN ST.
	5.227		5.042			N.W. CORNER. 3' WEST OF WEST CB. RET.
	45.069	-0.629	-0.629			SET SM. BT. SPK. IN LEAD. ON CURB.
	5.856		5.671			EL. = 39.211 F.B. 3701-115
B.M.-5-47	39.213				39.211	B.M.-5-47 - LOMITA BLVD. & WILMINGTON BLVD. MAIN ST. ON ℄ INTER. - 9" BELOW SURFACE IN A WELL & COVER MKD. - (CITY OF L.A. ENG. MON.) (CD. MON.) (WILMINGTON D-1-A 1949)
	6.017		5.876			
	45.230	+1.055	+1.058			
	4.962		4.818			
B.M. S.D. 1119	40.268				40.266	EL. 40.266 F.B. B.M. S.D. 1119 LOMITA BLVD. & WILMINGTON BLVD. MAIN ST.
	2.386		2.609			S.W. CORNER. 15' NO. OF SOUTH CB. RET.
	42.654	-2.445	-2.443			SET SM. BT. SPK. IN LEAD. ON CURB
	4.831		5.052			
T.P.	37.823					

NOTES RED. JOB NO. 6116.90 SURVEY OF PANAMA AVE.
DATE SURVEY BY J.P. MENNE
NOTES CHKD. A. E. DART NOTES BY J.P.M. DATE 3-7-67
DATE 4-24-67 INDEXED C.J. GALLI DATE

F.B. 3343 PG. 11

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JOB NO. 6116.90 SURVEY OF PANAMA AVE.
SURVEY BY J.P. MEANS
NOTES BY J.P.M. DATE 3-7-67
INDEXED C.I. GALLI DATE
NOTES RED. DATE
NOTES CHKD. F. DART DATE 4/24/67

F.B. 3343 PG. 12

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	37.823					
	3.257		2.998			
	41.080	-3.263	-3.264			
	6.520		6.262			
T.P.	34.560					
	1.243		1.006			
	35.803	-7.776	-7.777			
	9.019		8.783			
B.m. S.D. 1120	26.784				26.782	B.m. S.D. 1120 EL = 26.782 F.B. LOMITA BLVD. 360' ± W. OF FRIGATE AVE ON NORTH CURB - 1' E. OF E. END OF S.D HEADWALL - SET BT. SPK. IN LEAD ON CURB
	4.483		4.282			
	31.267	+2.211	+2.210			
	2.272		2.072			
T.P.	28.995					
	3.117		3.319			
	32.112	-1.451	-1.452			
	4.568		4.771			
B.m. S.D. 1121	27.544				27.542	B.m. S.D. 1121 EL = 27.542 F.B HUMBLE OIL CO. ARTHUR WELL NO. 6 ON DERRICK FOOTING (S.E. COR) RD. 3/4" BOLT (SOUTHERLY BOLT) (UP 2") PAINTED B.m. S.D. 1121
	9.832		9.957			
	37.376	+4.290	+4.288			
	5.542		5.669			
T.P.	31.834					
	3.644		3.837			
	35.478	-0.098	-0.098			
	3.742		3.935			
B.m. S.D. 1122	31.736				31.734	B.m. S.D. 1122 EL = 31.734 F.B MAIN ST. 590' ± NO. OF LOMITA BLVD. - ON WEST SIDE OF MAIN @ 4' ± - ON TOP CTR. OF HD. WALL FOR DRAIN - RD. L.& T. MKD B.m.
	5.201		5.270			
	36.937	+2.110	+2.112			
	3.091		3.158			
T.P.	33.846					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	33.846'					
	6.438		6.250			
	40.284	+4.356	+4.356			
	2.082		1.894			
B.M. S.D. 1123	38.202				38.200	B.M. S.D. 1123 EL. = 38.200 F.B.
	2.300		2.205			MAIN ST. 1180' ± NO. OF LOMITA BLVD. @ ENTRANCE
	40.502	-3.544	-3.547			TO PUREX CO. ON NORTH CURB OF DRIVEWAY
	5.844		5.752			29.4' E. OF END OF CURB. FD. L.&T. MKD. B.M.
T.P.	34.658					
	3.552		3.616			
	38.210	-2.108	-2.111			
	5.660		5.727			
T.P.	32.550					
	3.889		3.962			
	36.439	-1.123	-1.122			
	5.012		5.084			
B.M. S.D. 1124	31.427				31.424	B.M. S.D. 1124 EL. = 31.424 F.B.
	3.153		3.203			ON PUREX PROPERTY - 975' ± NO. ON MAIN ST.
	34.580	-0.480	-0.481			FROM LOMITA BLVD. TO DRIVEWAY EAST ON
	3.633		3.684			DRIVEWAY 850' ± FT. TO CORR. IRON BLDG.
T.P.	30.947					2' SO. & 2' W. OF S.E. COR. OF BLDG. SET
	5.359		5.486			BT. SPK. IN LEAD ON CONC.
	36.306	+2.682	+2.682			
	2.677		2.804			
T.B.M. No. 1	33.629				33.626	T.B.M. No. 1 EL. = 33.626 F.B.
	2.410		2.457			S.E. COR. OF PUREX PROPERTY - POW. POLE
	36.039	-0.973	-0.975			No. 1242699E 50' ± W. & 5' ± NO. OF S.E. COR.
	3.383		3.432			SET ② LG. BT. SPKS. ON NO. SIDE OF POLE
T.P.	32.656					

NOTES RED ____ JOB NO. 6116.90 SURVEY OF PANAMA AVE.
DATE ____ SURVEY BY J.P. MENNE
NOTES CHKD. E. DART NOTES BY C.J. GALLI DATE 3-7-67
DATE 4/24/67 INDEXED ____ DATE ____

F.B. 3343 PG. 13

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JOB NO. 6116.90 SURVEY OF PANAMA AVE
SURVEY BY J.P. MEANS
NOTES BY J.R.M. DATE 3-7-67
INDEXED C.J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. F. DART DATE 4/24/67

F.B. 3343 PG. 14

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	32.656					
	4.062		3.921			
	36.718	-0.251	-0.249			
	4.313		4.170			
B.M. S.D. 1125	32.405				32.402	B.M. S.D. 1125 EL. = 32.402 F.B. ON PUREX PROPERTY - 300'± SOUTH & 2' WEST OF N.E. COR. PROP. ON TOP CURB 5' SOUTH OF NO. END. - SET BT. SPK. ON CURB.
	5.895		5.708			
	38.300	+2.938	+2.936			
	2.957		2.772			
T.B.M. No. 2	35.343				35.340	T.B.M. No. 2 EL. = 35.340 F.B. ON RAILROAD PROPERTY 16'± NORTH & 55'± WEST OF N.E. COR. PUREX PROPERTY SET ② LG. BT. SPK. ON E. SIDE R POLE
	2.508		2.351			
	37.851	-2.299	-2.302			
	4.807		4.653			
B.M. S.D. 1126	33.044				33.040	B.M. S.D. 1126 EL. = 33.040 F.B. WEST END OF BONDS ST. (VACATED) APPROX. ℄ OF DRAIN - FD. L.A. CO. ROAD DEPT. MON. (DN 24")
	5.258	~~+0.497~~	5.397			
	38.302	+0.497	+0.500			
	4.761		4.897			
T.P.	33.541					
	5.218		5.291			
	38.759	+0.514	+0.514			
	4.704		4.777			
T.P.	34.055					
	5.299		5.396			
	39.354	+0.244	+0.245			
	5.055		5.151			
B.M. S.D. 1127	34.299				34.295	B.M. S.D. 1127 EL = 34.295 F.B. ON BONDS ST. (VACATED) 80' EAST OF PANAMA AVE (VACATED) - ON NORTH CURB - SET BT. SPK. ON CONC. CURB.
	3.419		3.494			
	37.718	-1.609	-1.610			
	5.028		5.104			
T.P.	32.690					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	32.690					
	5.452		5.533			
	38.142	+0.683	+0.681			
	4.769		4.852			
T.P.	33.373					
	5.153		5.002			
	38.526	+1.184	+1.185			
	3.969		3.817			
B.M.S.D. 1128	34.557				34.553	B.M.S.D. 1128 EL. 34.553 F.B.
	4.398		4.475			ON PANAMA AVE (VACATED) ON EAST CURB
	38.955	+0.526	+0.526			ON APPROX. ℄ PROD OF PACIFIC AVE.
	3.872		3.949			SET BT. SPK. ON CURB.
T.P.	35.083					
	4.334		4.219			
	39.417	+0.443	+0.445			
	3.891		3.774			
B.M. No. 8	35.526				35.522	B.M. No. 8 EL. 35.522 F.B.
	5.188		5.272			ON PANAMA AVE (VACATED) 20' SO. OF SO
	40.714	+0.119	+0.119			℞ OF SEPULVEDA BLVD. ON WEST CURB OF
	5.069		5.153			PANAMA AVE - FD. L.&T. MKD. B.M. No. 8
B.M.S.D. 1129	35.645				35.641	B.M.S.D. 1129 EL. 35.641 F.B.
	5.053		4.864			PANAMA AVE. - EAST CURB - HALF-WAY
	40.698	+0.399	+0.399			BETWEEN SEPULVEDA BLVD. & E. 238TH PL.
	4.654		4.465			FD. L.&T. ON CURB
B.M.S.D. 1130	36.044				36.039	B.M.S.D. 1130 EL. 36.039 F.B.
	4.978		5.097			PANAMA AVE & E. 238TH ST. - S.E. COR.
	41.022	+0.199	+0.201			5' SO. OF SO. CURB. RET. - SET L.& BT SPK. ON
	4.779		4.896			CURB
B.M.S.D. 1131	36.243				36.238	B.M.S.D. 1131 EL. 36.238 F.B. PANAMA AVE & E. 237TH ST S.E. COR. - 5' SO. OF SO. CURB RET. - SET BT SPK. ON CURB

NOTES RED ____ JOB NO. 6116.90 SURVEY OF PANAMA AVE
DATE ____ SURVEY BY J.P. MENUE
NOTES CHKD. A. E. DART NOTES BY J.P.M. DATE 3-7-67
DATE 4/7/67 INDEXED C. J. GALLI DATE

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SURVEY BY J.P. MENNS DATE
NOTES BY J.P.M DATE 3-7-67 NOTES CHKD. E. DART
INDEXED C. J. GALLI DATE DATE 4/24/

F.B. 3343 PG. 16

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.SD.1131	36.243				36.238	
	4.725		4.833			
	40.968	-0.697	-0.699			
	5.422		5.532			
T.P.	35.546					
	4.848		5.013			
	40.394	+0.557	+0.556			
	4.291		4.457			
T.P.	36.103					
	5.948		5.933			
	42.051	+1.026	+1.025			
	4.922		4.908			
T.P.	37.129					
	5.339		5.474			
	42.468	+0.547	+0.546			
	4.792		4.928			
T.P.	37.676					
	5.107		4.928			
	42.783	-0.462	-0.463			
	5.569		5.391			
B.M.	37.214				37.209	B.M. EL.: 37.209 F.B.
	4.239		4.252			SEPULVEDA BLVD. & AVALON BLVD. - S.W.
	41.453	-0.503	-0.500			COR. - ON SO. CURB. SEPULVEDA BLVD. 57'±
	4.742		4.752			W. OF W. CURB. RET. - FD. BT. SPK. ON CURB
T.P.	36.711					
	4.143		4.068			
	40.854	-0.684	-0.682			
	4.827		4.750			
T.P.	36.027					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	36.027					
	5.162		5.325			
	41.189	+3.088	+3.086			
	2.074		2.239			
T.P.	39.115					
	6.857		6.657			
	45.972	+2.766	+2.767			
	4.091		3.890			
T.P.	41.881					
	5.160		5.222			
	47.041	+0.248	+0.249			
	4.912		4.973			
T.P.	42.129					
	4.954		4.753			
	47.083	+0.178	+0.179			
	4.776		4.574			
T.P.	42.307					
	4.478		4.344			
	46.785	-0.506	-0.508			
	4.984		4.852			
T.P.	41.801					
	5.553		5.617			
	47.354	+1.266	+1.265			
	4.287		4.352			
T.P.	43.067					
	5.382		5.419			
	48.449	+0.131	+0.131			
	5.251		5.288			
B.M.5-46-C	43.198				43.192	B.M.5-46-C EL. 43.192 F.B. 3701-113
						SEE PG. 10 FOR DESCRIPT.

NOTES RED ____ JOB NO. 6116.90 SURVEY OF PANAMA AVE
DATE ____ SURVEY BY J.P. MENNE
NOTES CHKD. J. E. DART NOTES BY J.P.M. DATE 3-13-67
DATE 4/24/67 INDEXED C. J. GALL DATE

F.B. 3343 PG. 17

F. B. 3343 PG. 18

JOB NO. 6116.90 SURVEY OF PANAMA AVE NOTES RED.
SURVEY BY J.P. MENNE DATE
NOTES BY J.P.M DATE 3-13-67 NOTES CHKD. E DART
INDEXED DATE DATE

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

768420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

Notes Ck'd by A T DART	Survey of PANAMA AVENUE	F. B. 3343 PG. 19
Map No.	JN 6116.90 Tape 225 Std 68°F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M Date 3-9-67	
Date	Indexed C. J. GALLI APR 2 1 67	

CENTER LINE

FOR

PROPOSED STORM

DRAIN

PANAMA AVENUE

No. 690

J.M. 6116.90

FOR DESIGN

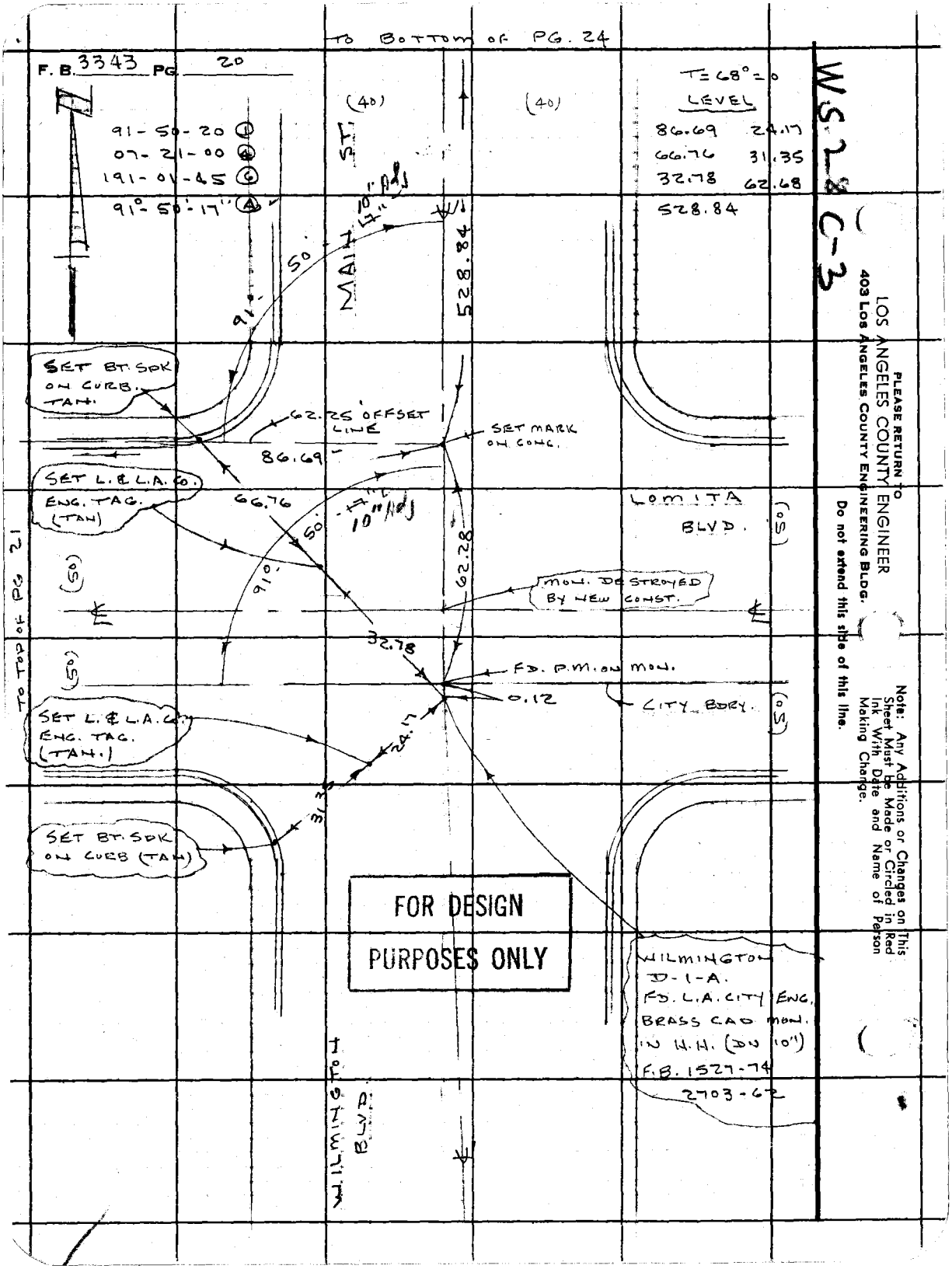
PURPOSES ONLY

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

Do not extend this side of this line.

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

16F3099 CE #310 6-63



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

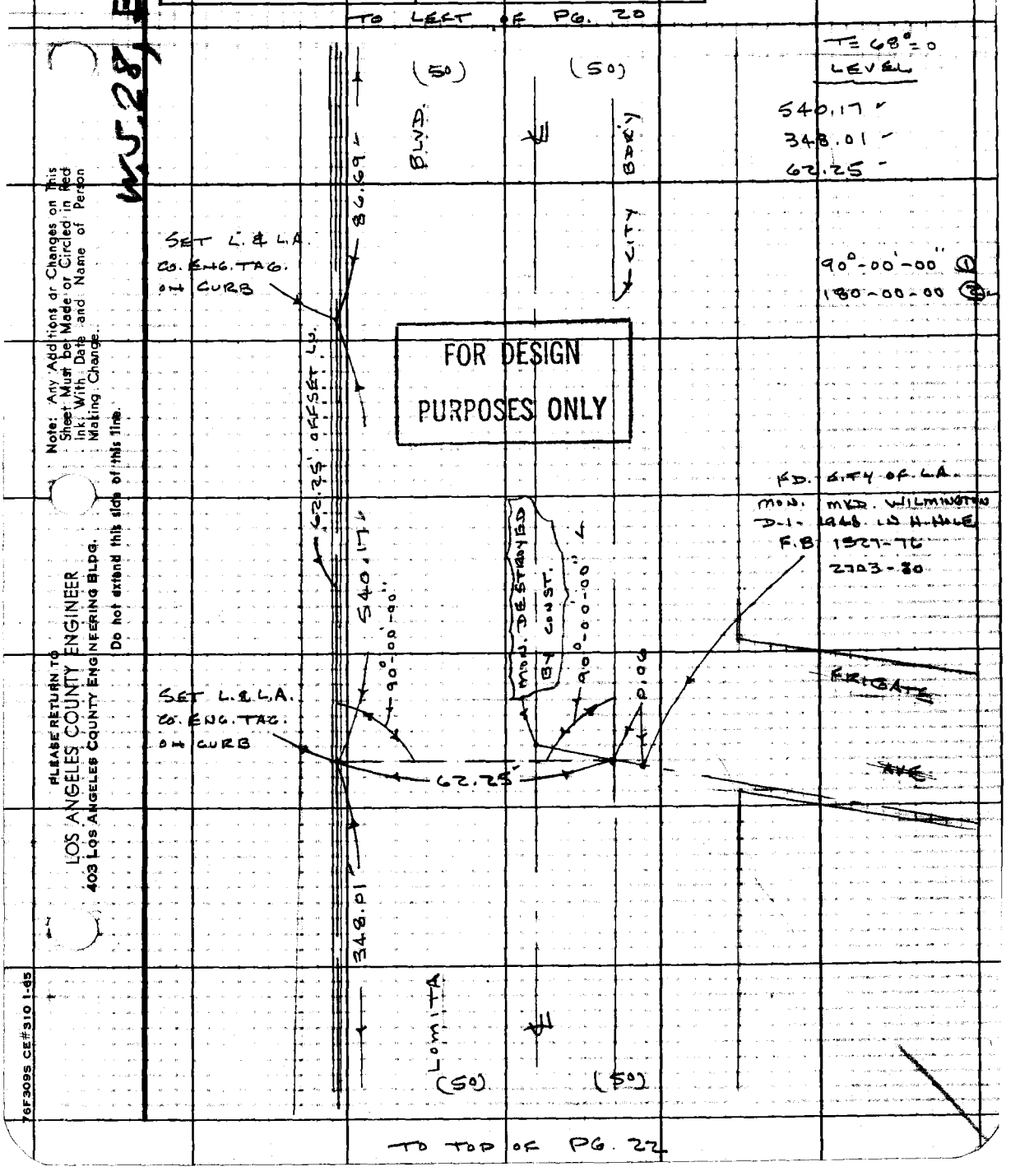
Do not extend this side of this line.

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 A. E. DART	Survey of PANAMA AVENUE
Map No.	JN 6116.90 Tape 225 Std 68°F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 3-9-67
Date	Indexed C. J. GALLI

F. B. 3343 PG. 21

W.J.28, B-3



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

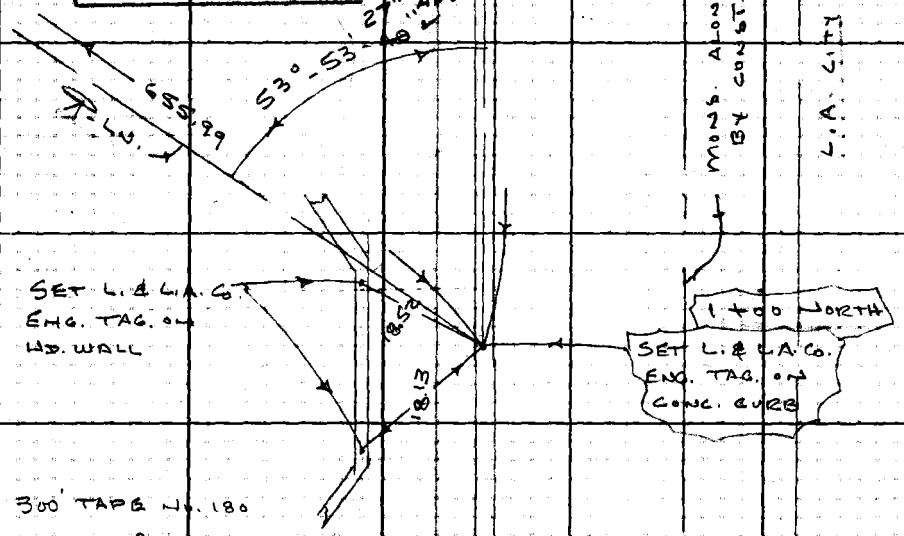
To Bottom of Pg. 21

F. B. 3343 PG 22

53-53-45 ①
215-34-30 ④
323-22-00 ⑥
53°-53-40" Ⓐ

FOR DESIGN PURPOSES ONLY

To Bottom of Pg 23



300' TAPE No. 180
T = 60° = -0.05
298.11 @ 1°-40' = 297.97
298.09 @ 1°-30' = 297.99
T = 60° = -0.03
222.24 @ 1°-42' = 222.16
222.24 @ 1-25 = 222.17
T = 60° = -0.02
136.04 @ 2°-09' = 135.94
136.15 @ 3-02 = 135.96
297.93
222.13
135.93
655.99

FD. L.A. CITY MON. - HEX HEAD ROD IN CONC. - & H HOLE
F.B. 1527-78
F.B. 2703-78

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403 Los Angeles County Engineering Bldg.
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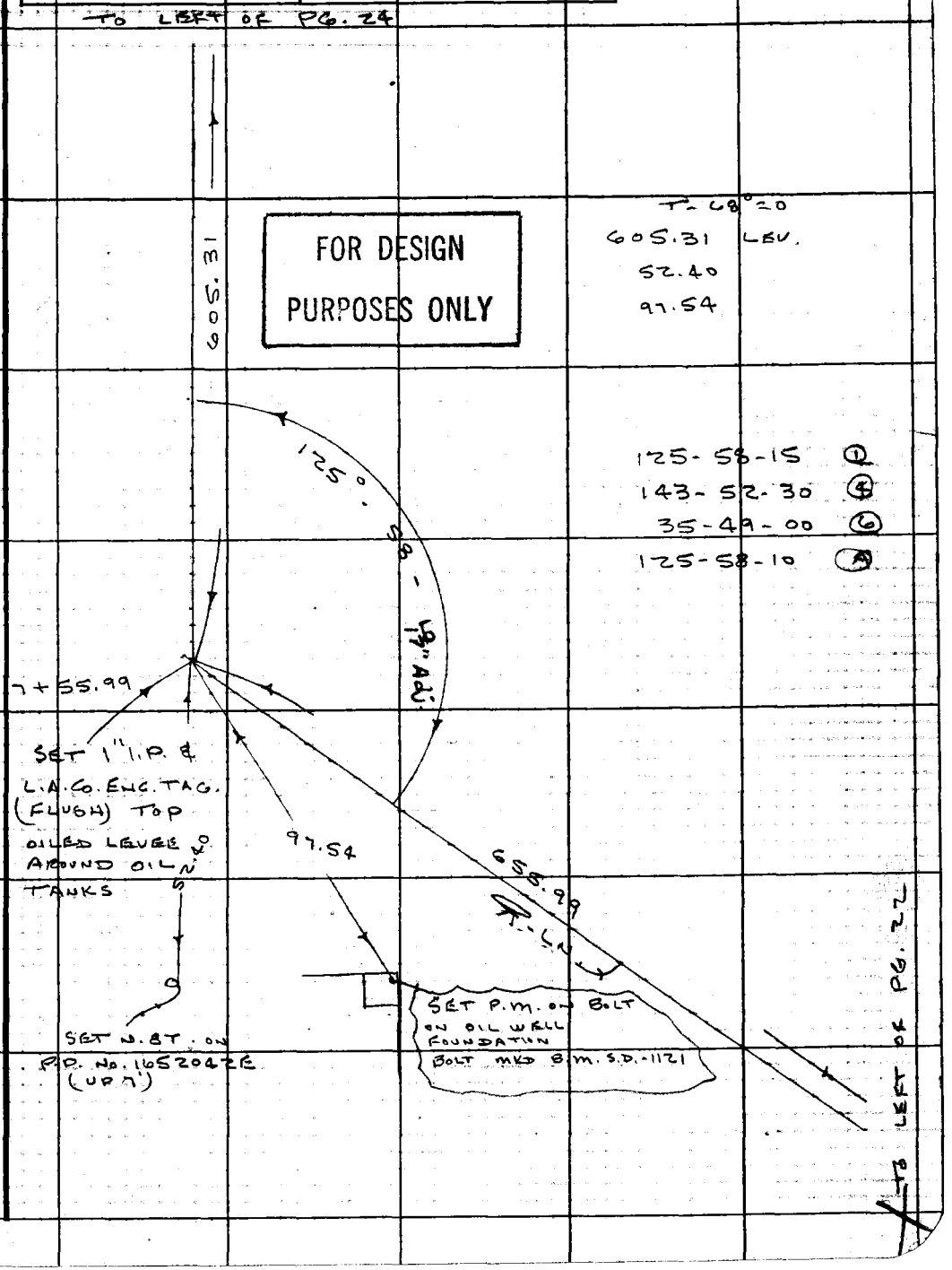
Notes Ck'd by A. E. DART	Survey of PANAMA AVENUE
Map No.	JN 6116.92 Tape 225 Std 68 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 3-9-67
Date	Indexed C. J. GALLI

F. B. 3343 PG. 23



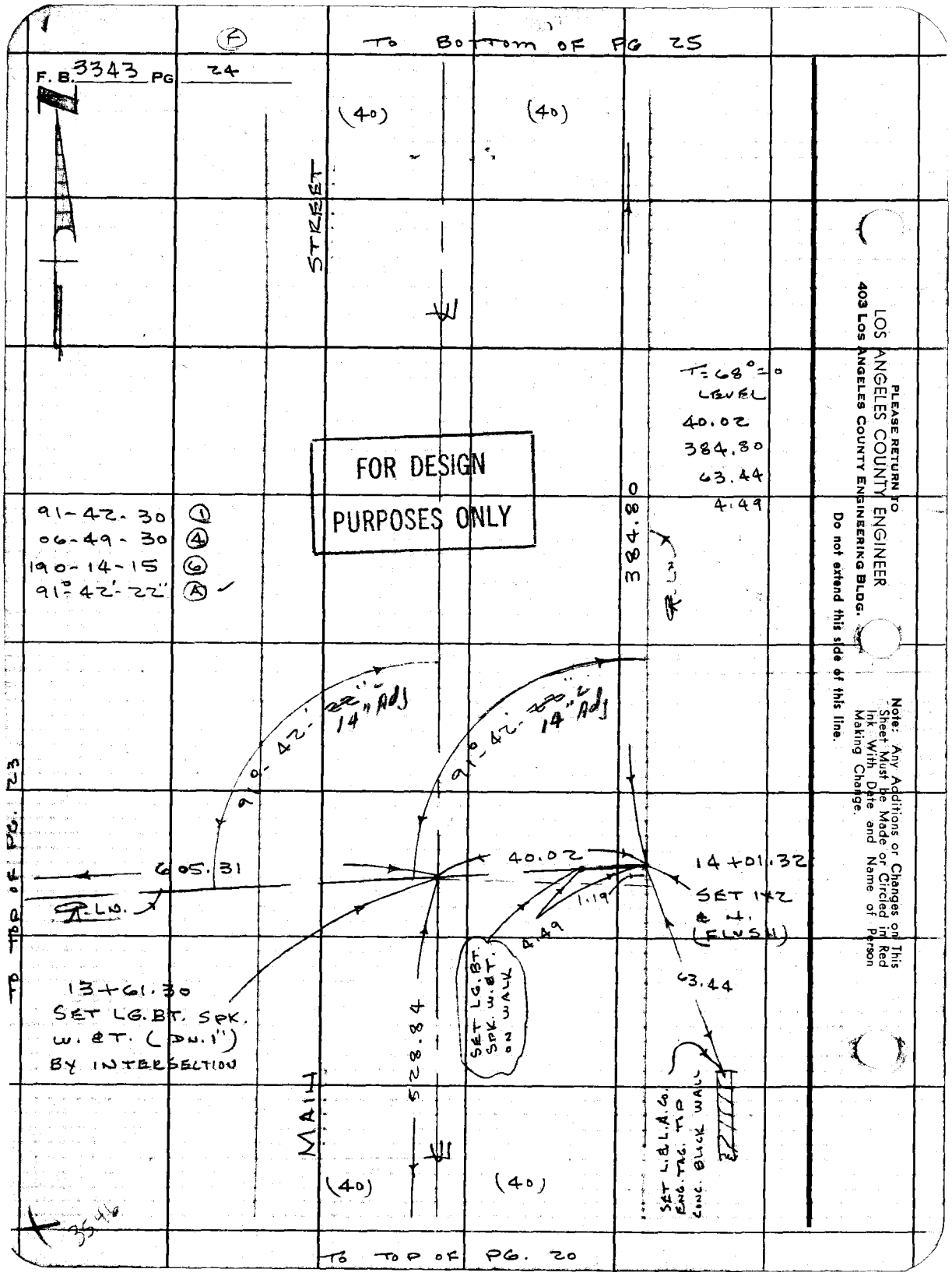
FOR DESIGN PURPOSES ONLY

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

Do not extend this side of this line.

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

76F309S CE#310 1-65



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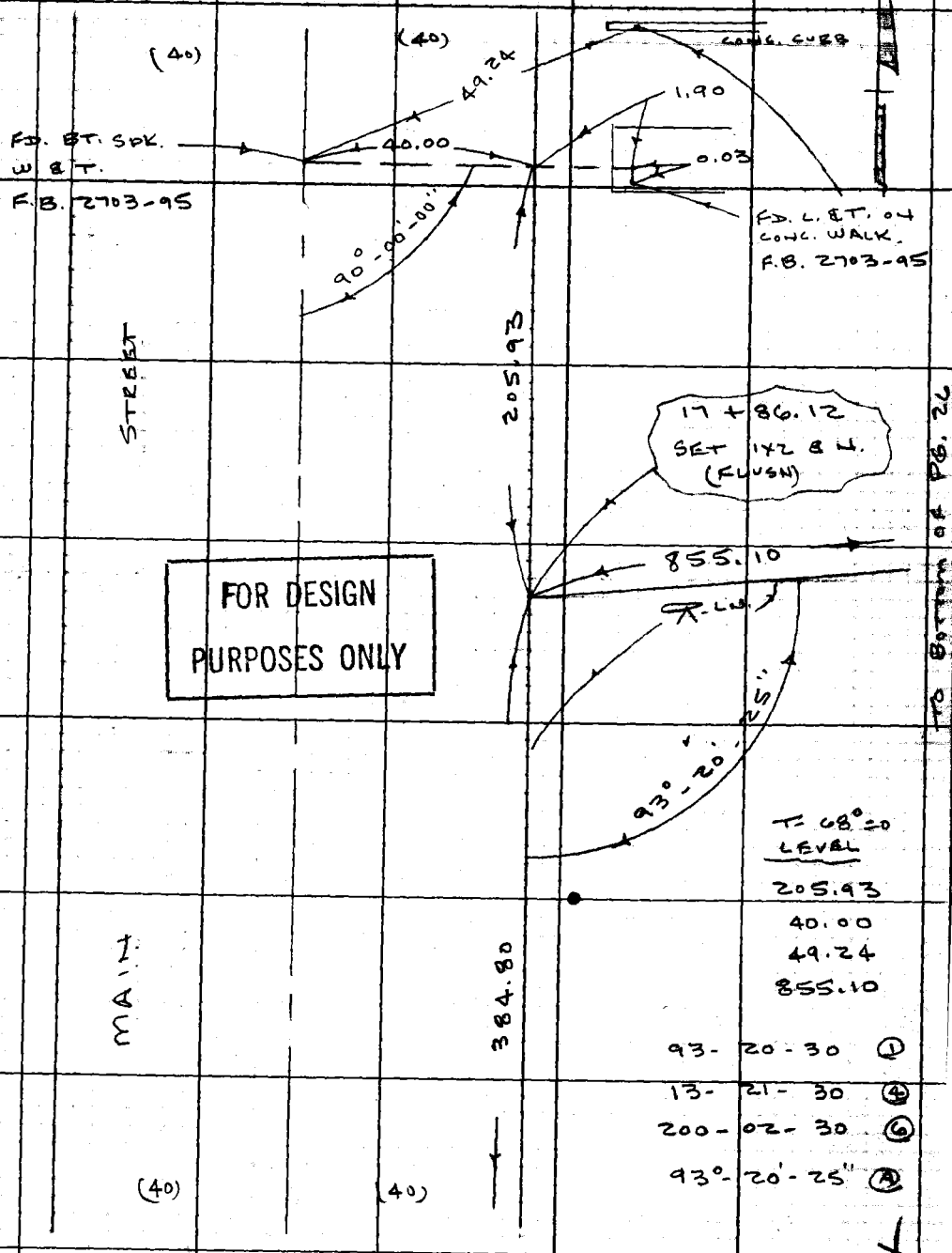
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by A. E. DART
~~Map No.~~
Office Work
Checked
Date

Survey of PANAMA AVE
~~JN 6116.90~~ Tape 225 Std 68 °F
Surveyed by S. P. MENNE
Notes J.P.M. Date 3-9-67
Indexed C. J. GALLI

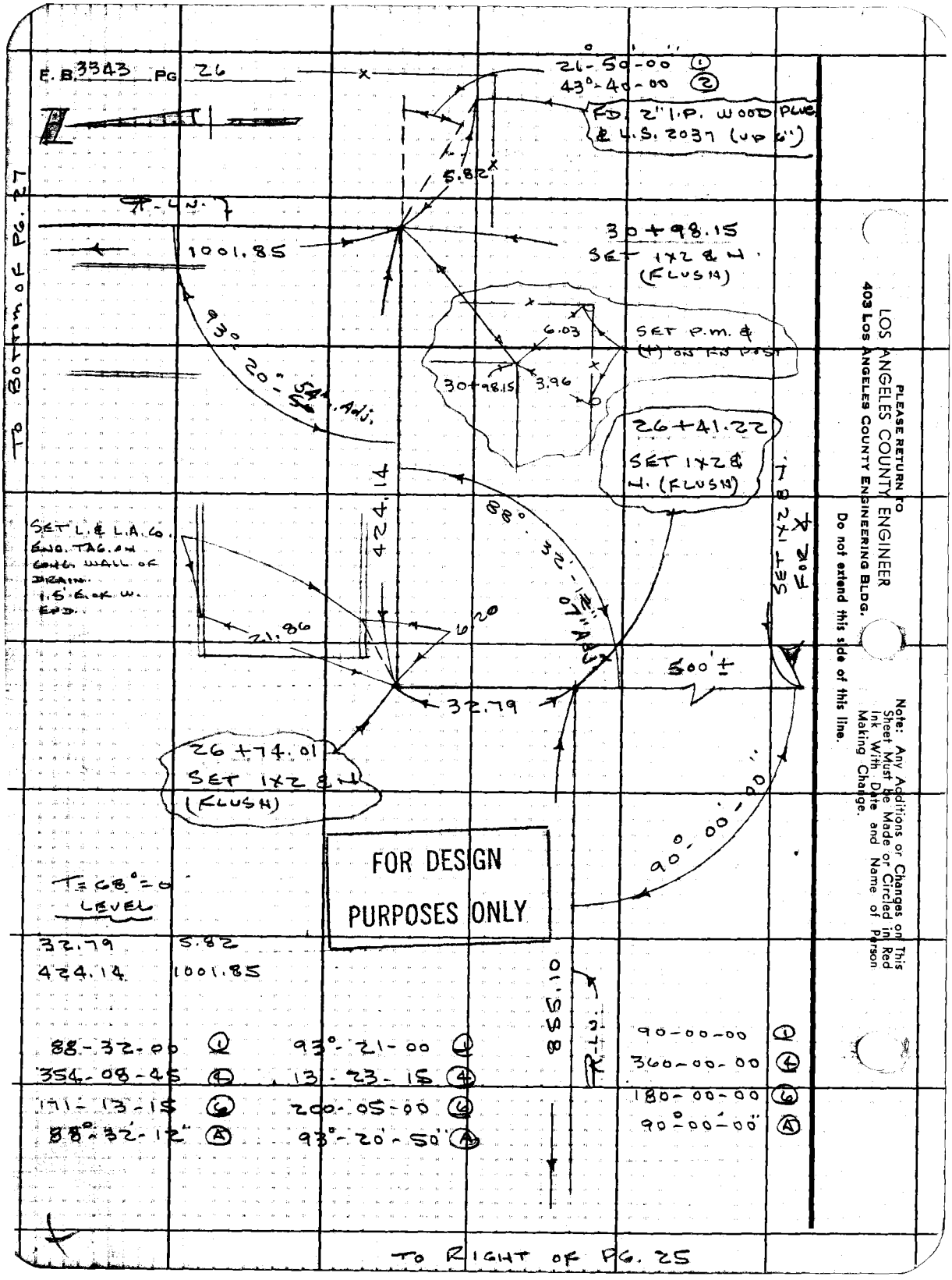
F. B. 3343 PG. 25



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.

76F309S CE#310 1-65

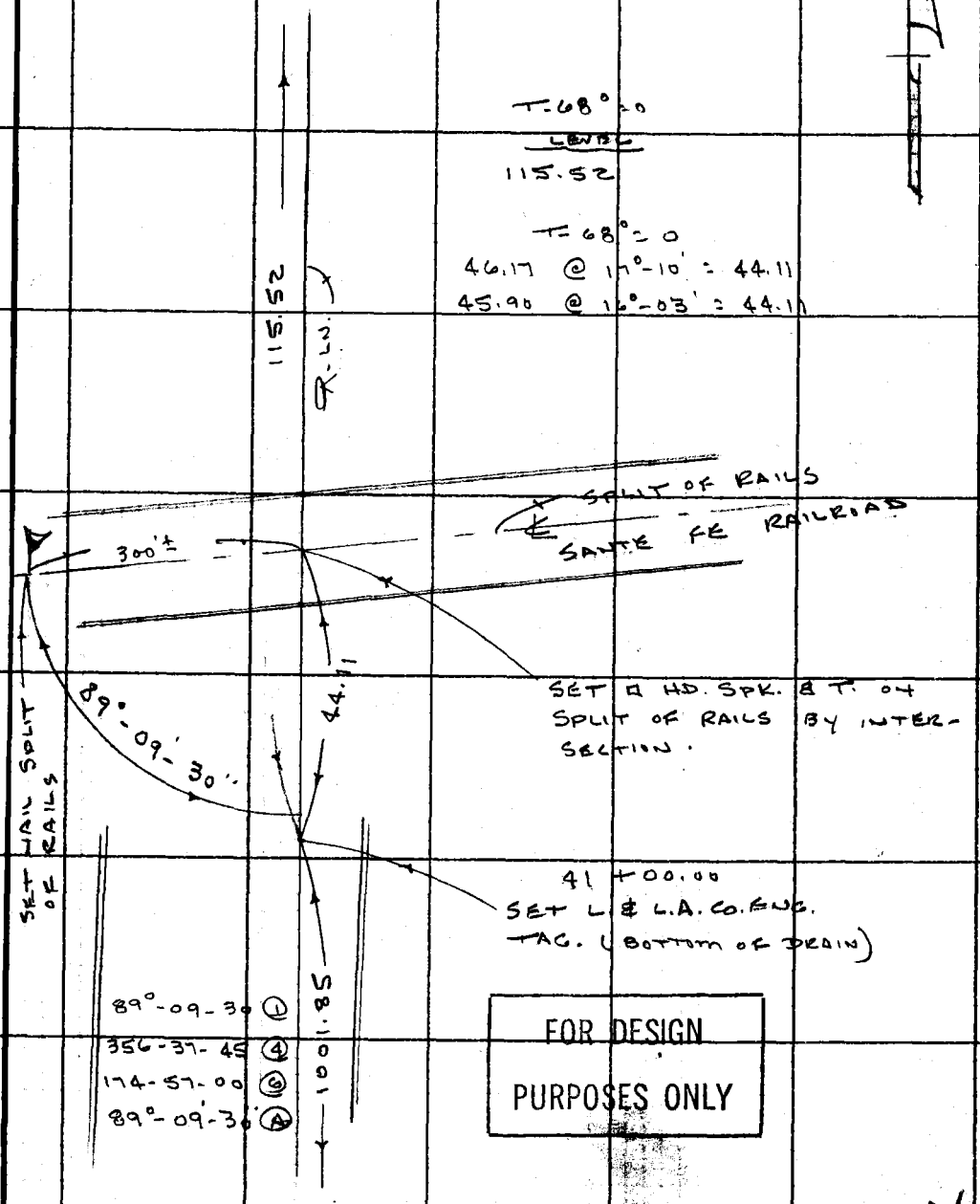


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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 A. F. DART	Survey of PANAMA AVE	F. B. 3343 PG. 27
Map No.	JN 6116.90 Tape 225 Std 68 °F	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J. P. M Date 3-17-67	
Date	Indexed C. J. GALLI	

TO BOTTOM OF PG. 28

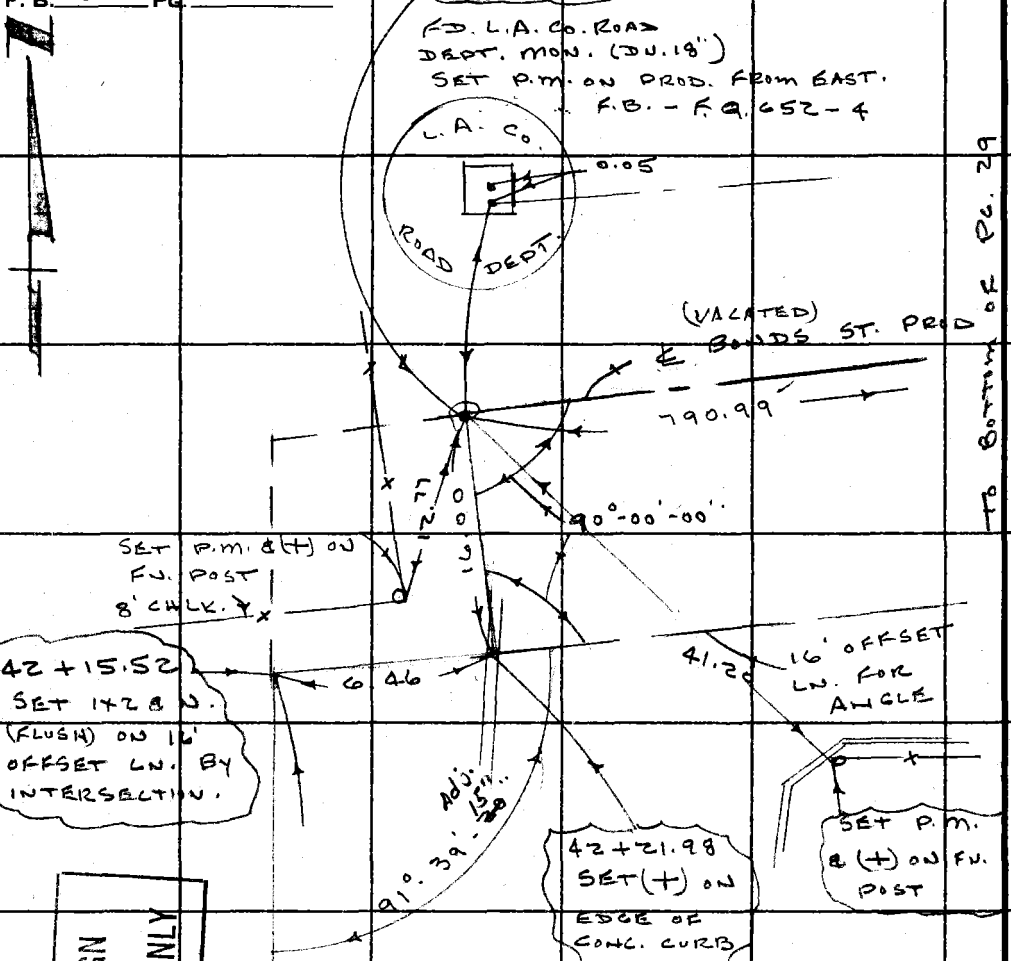


FOR DESIGN PURPOSES ONLY

TO TOP LEFT OF PG. 26

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.
76F3099 CE # 310 3-61

F. B. 3343 PG. 28



FOR DESIGN PURPOSES ONLY

91°- 39'- 30"	①	T = 68°-0 LEVEL
06- 37- 30	④	6.46
189- 56- 00	⑥	16.00
91°- 39'- 20"	Ⓐ	41.20
		12.77
		790.99

TO TOP OF PG. 27

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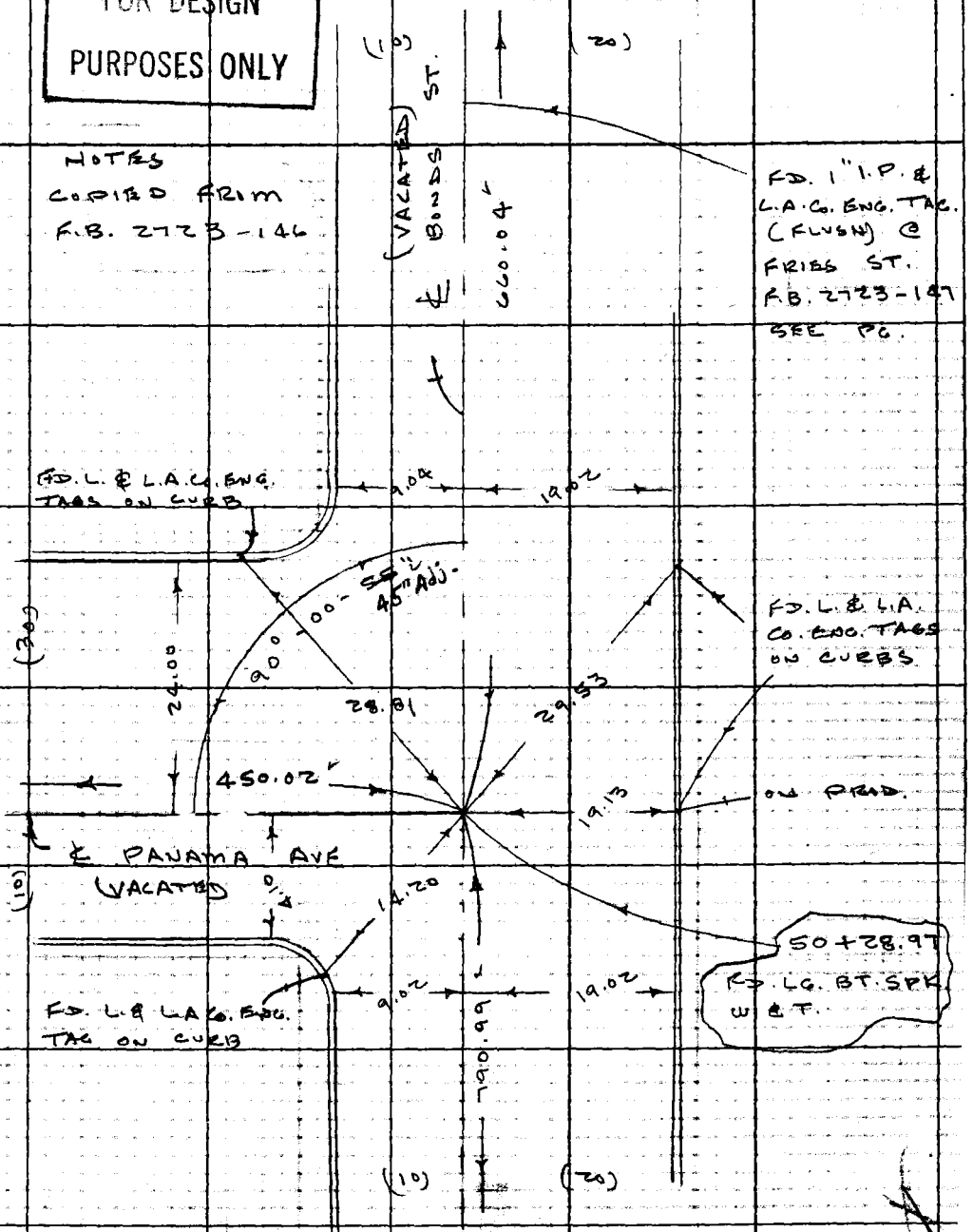
Notes Ck'd by A. E. DART	Survey of PANAMA AVE.
Map No.	JN 6116.90 Tape 225 Std 68 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 3-7-67
Date	Indexed C. J. GALLI

F. B. 3343 PG. 29

TO BOTTOM OF PG. 39

FOR DESIGN PURPOSES ONLY



TO TOP RIGHT OF PG. 28

TO BOTTOM OF PG. 30

WS 28, C-3

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

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PLEASE RETURN TO
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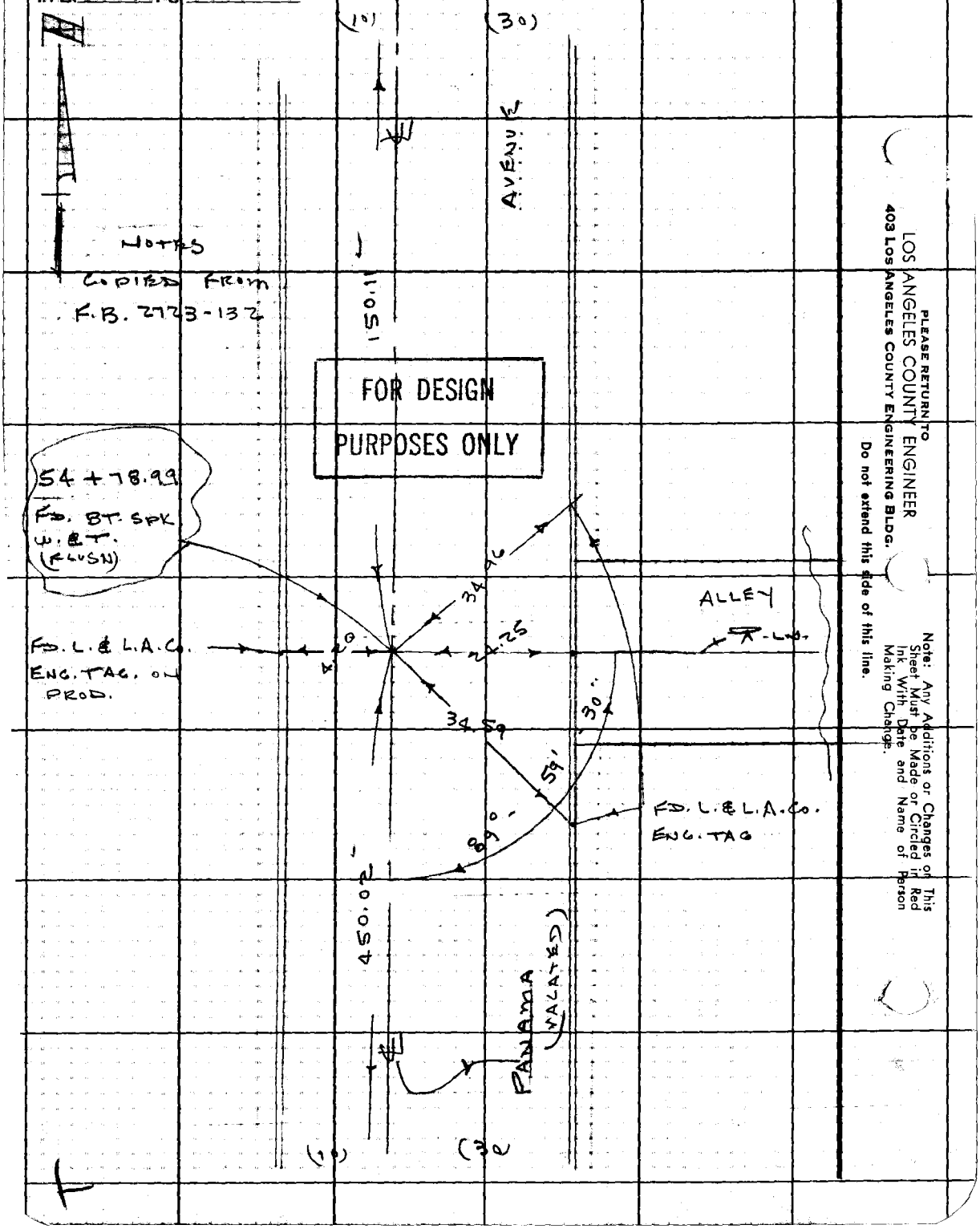
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

TO BOTTOM OF PG 31

F. B. 3343 PG 30



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.

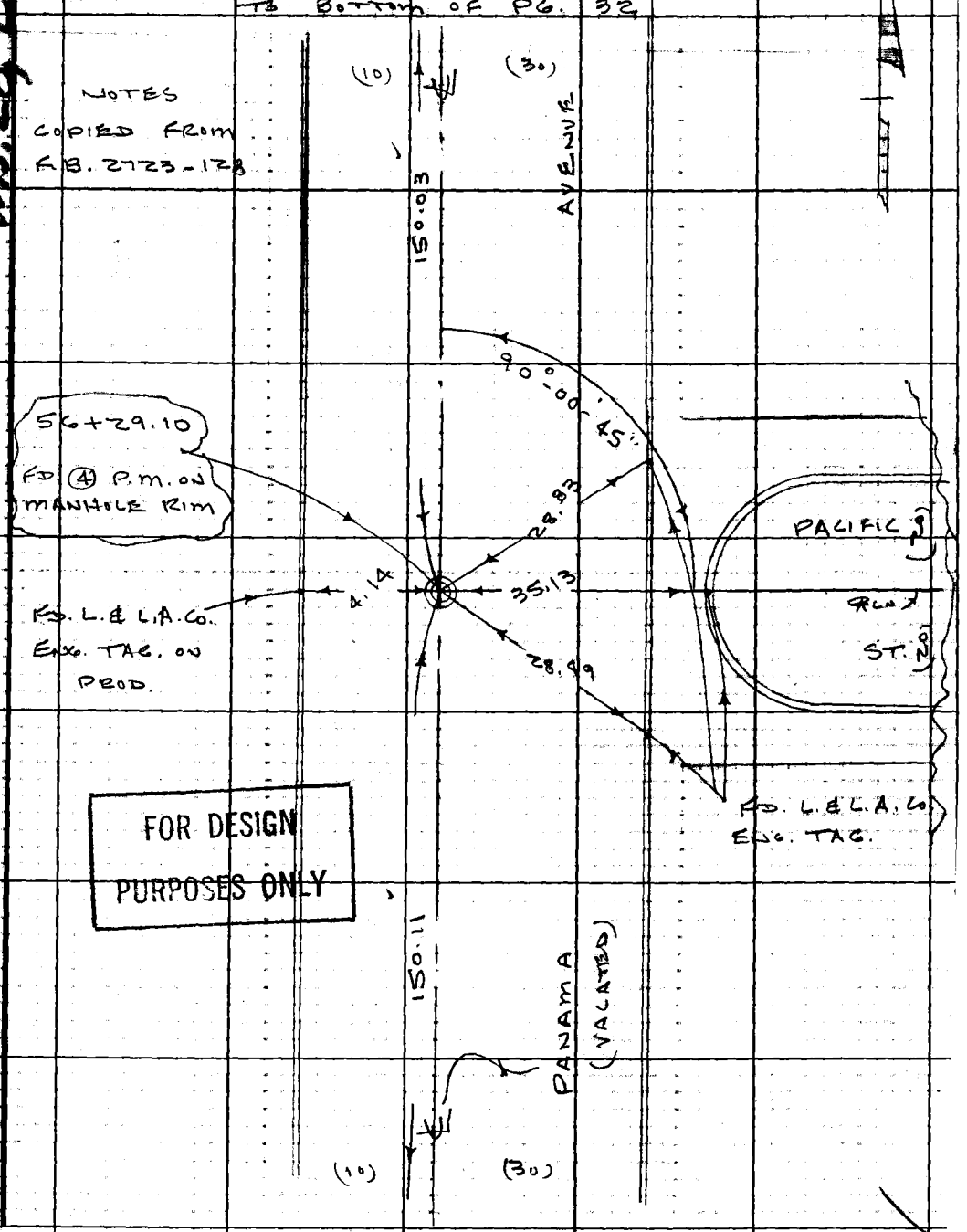
Notes Ck'd by A. E. DARD	Survey of PANAMA AVE
Map No.	JN 6116.90 Tape 225 Std 68 °F
Office Work	Surveyed by J. P. MENNA
Checked	Notes J.P.M. Date 3-20-67
Date	Indexed C. J. GALLI

F. B. 3343 PG. 31

TO BOTTOM OF PG. 32

W.S. 28 4-2

NOTES COPIED FROM F.B. 2723-128



FOR DESIGN PURPOSES ONLY

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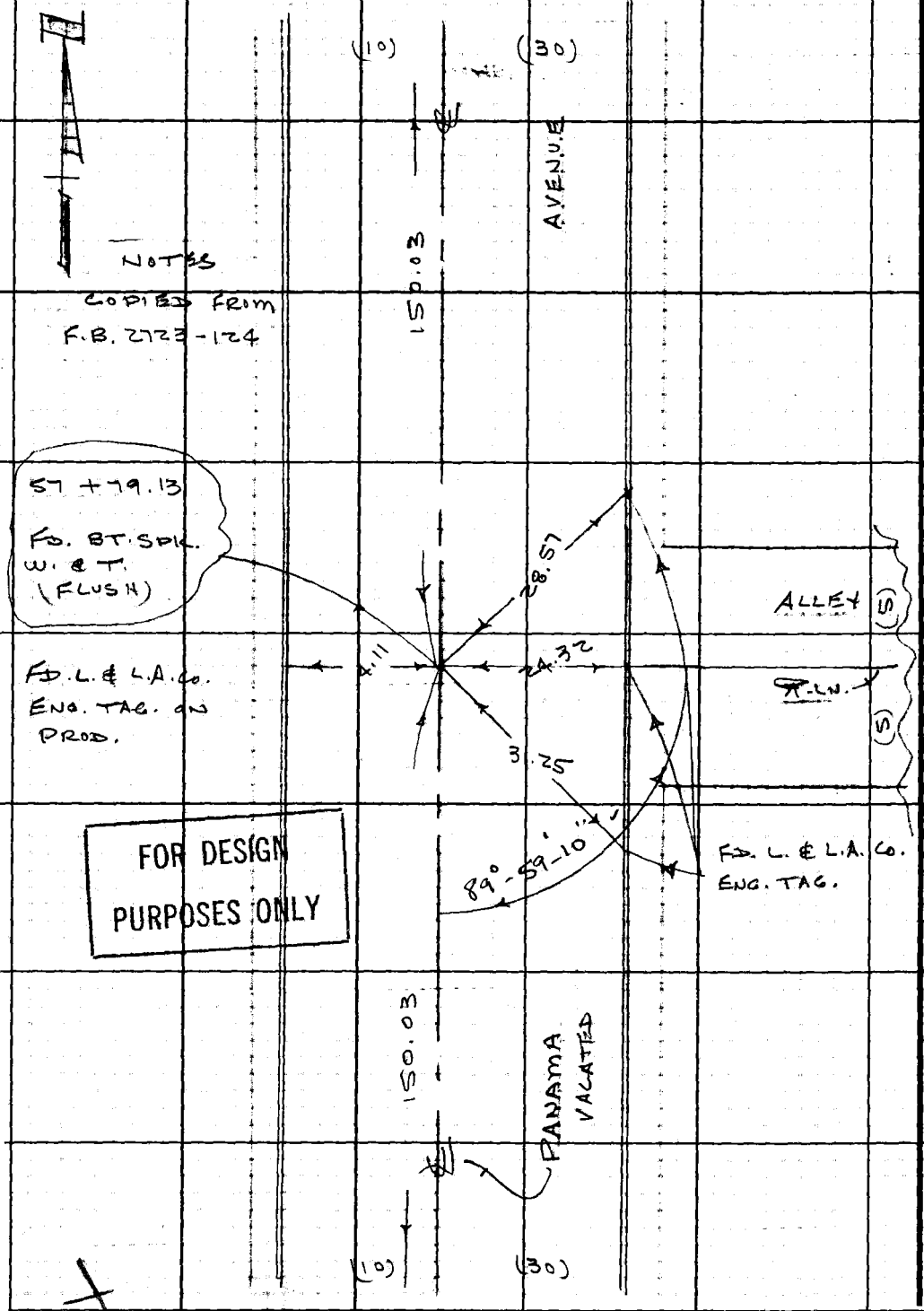
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

TGF309S CE#310 1-65

TO BOTTOM OF PG. 33

F.B. 3343 PG 32



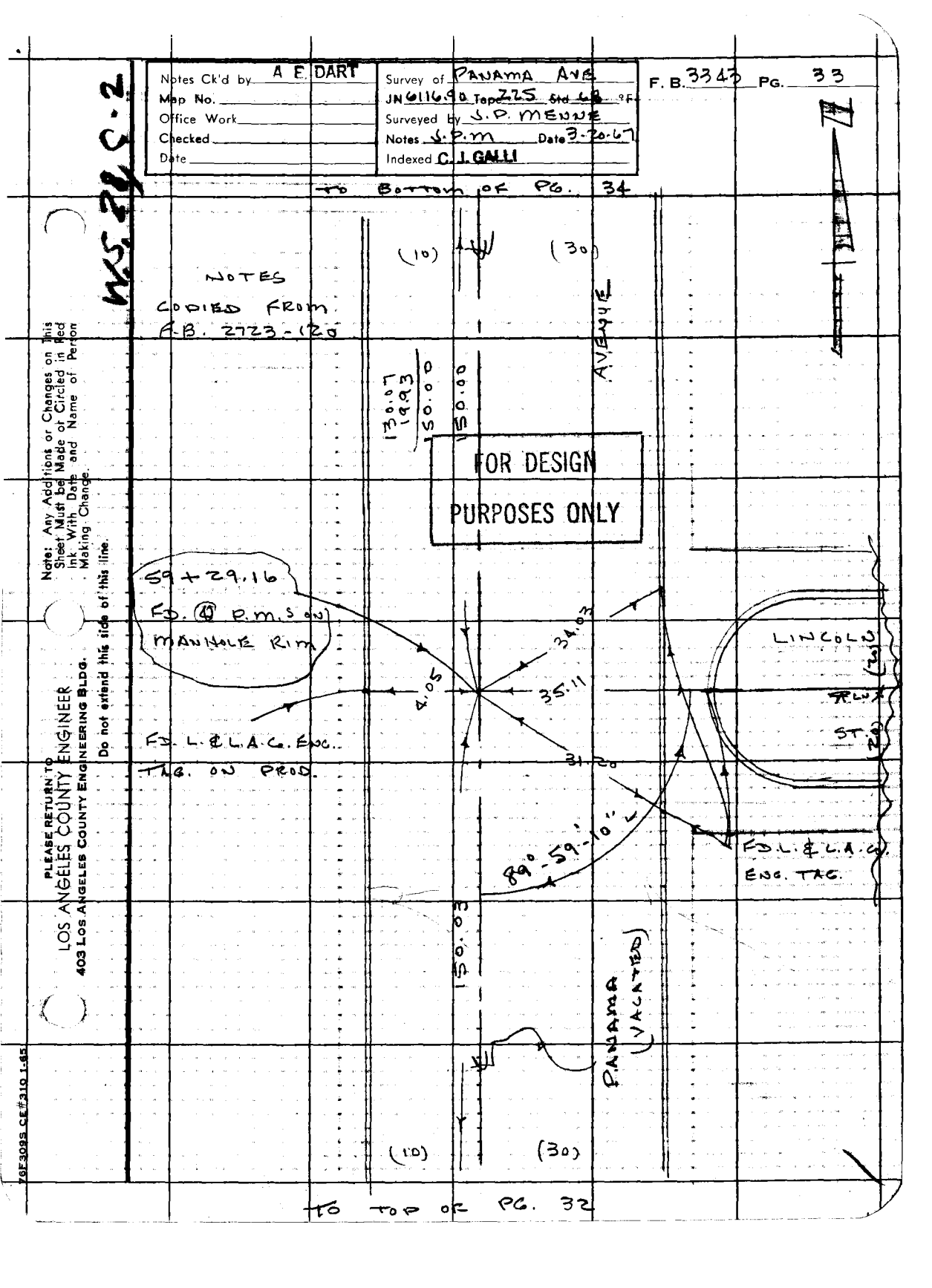
TO TOP OF PG. 31

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 A. E. DART	Survey of PANAMA AVE.
Map No.	JN 611690 Topo 225 Std 68 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 3-20-67
Date	Indexed C. J. GALLI

F. B. 3343 PG. 33

TO BOTTOM OF PG. 34

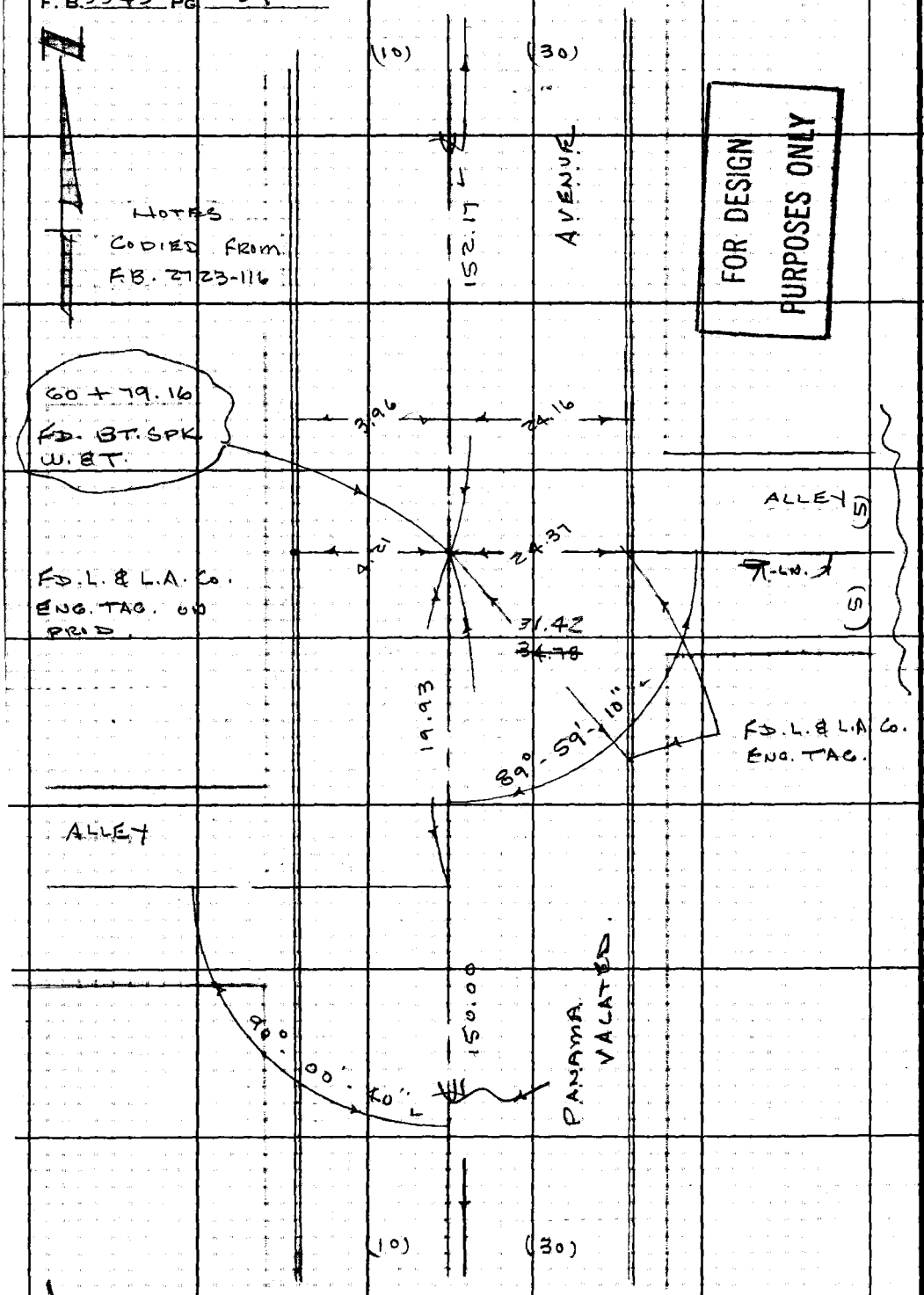


TO TOP OF PG. 32

Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
78F3095 CE#310 1-65

TO BOTTOM OF PG. 35

F. B. 3343 PG 34



FOR DESIGN PURPOSES ONLY

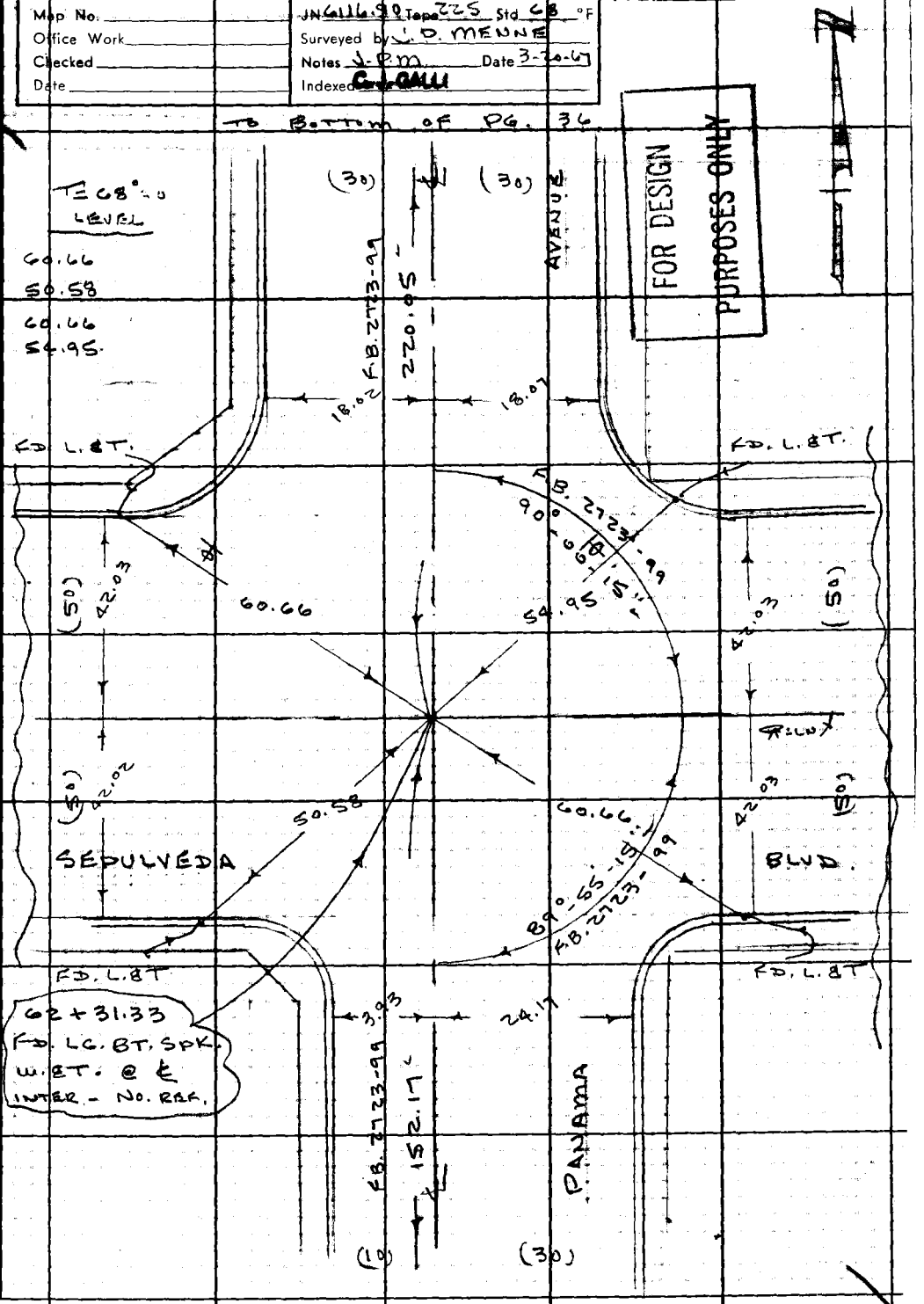
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

TO TOP OF PG. 33

Notes Ck'd by A. E. DART	Survey of PANAMA AVE
Map No.	JN 6116.90 Tape 225 Std 68 °F
Office Work	Surveyed by J. D. MENNE
Checked	Notes J.P.M. Date 3-20-67
Date	Indexed C. GALLI

F. B. 3343 PG. 35



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

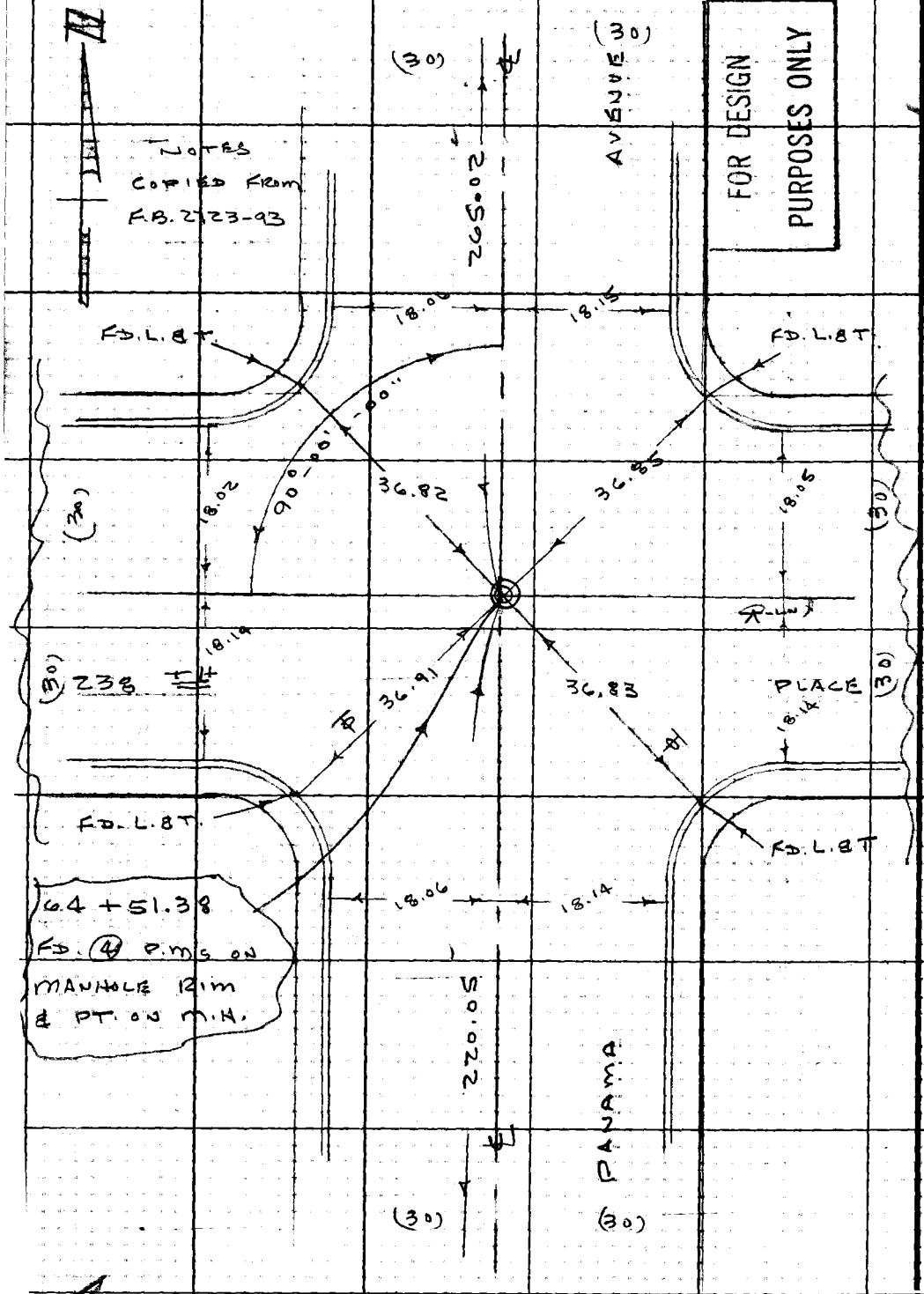
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE#310 1-65

TO BOTTOM OF PG. 37

F. B. 3343 PG. 36



FOR DESIGN PURPOSES ONLY

W.528,C-2

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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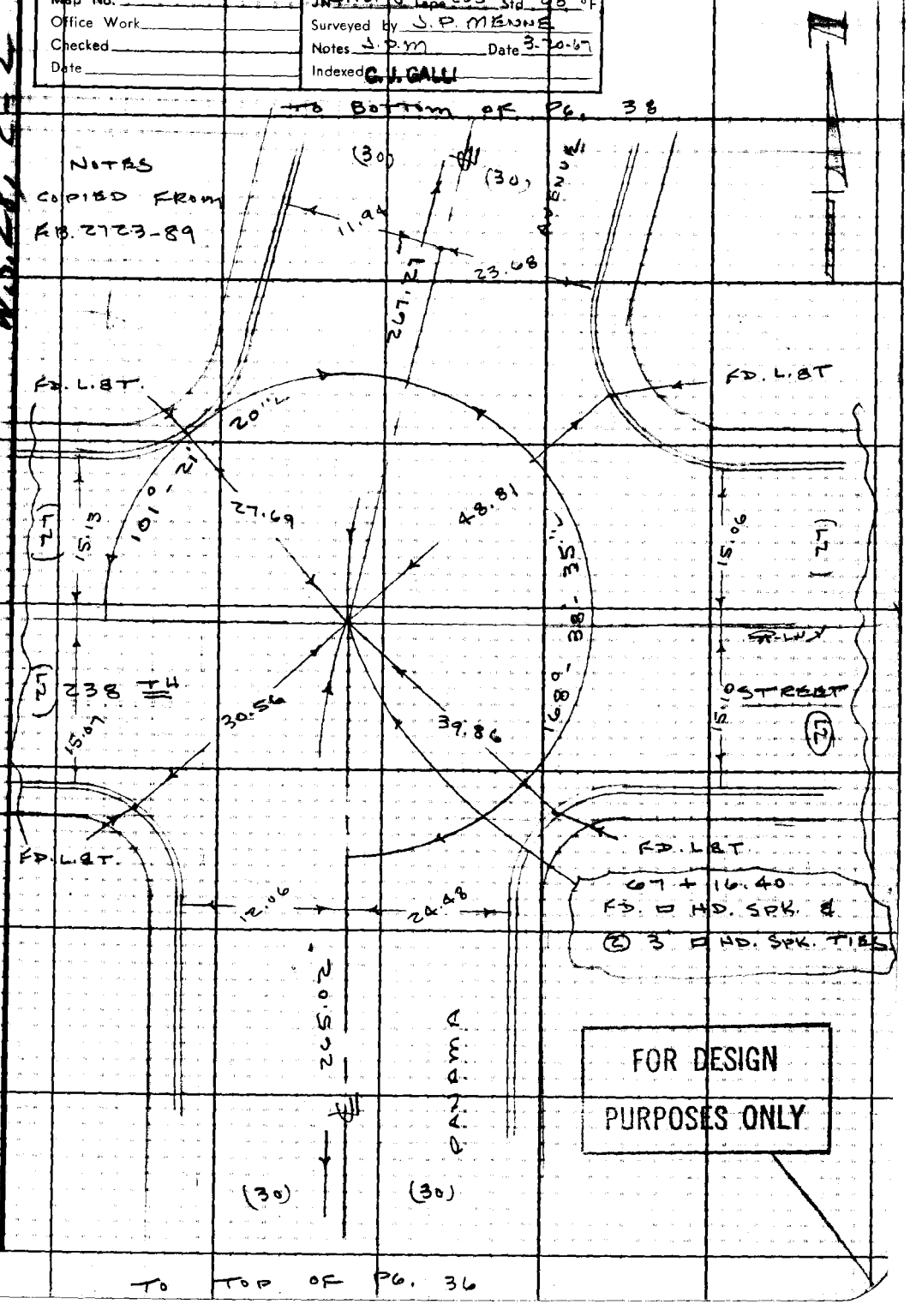
TO TOP OF PG. 35

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

Survey of PANAMA AVE
JN 11690 Tape 225 Std 68 °F
Surveyed by J. P. MENNE
Notes J.P.M Date 3-20-67
Indexed G. J. GALLI

F. B. 3343 PG. 37



WS 28, 67

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

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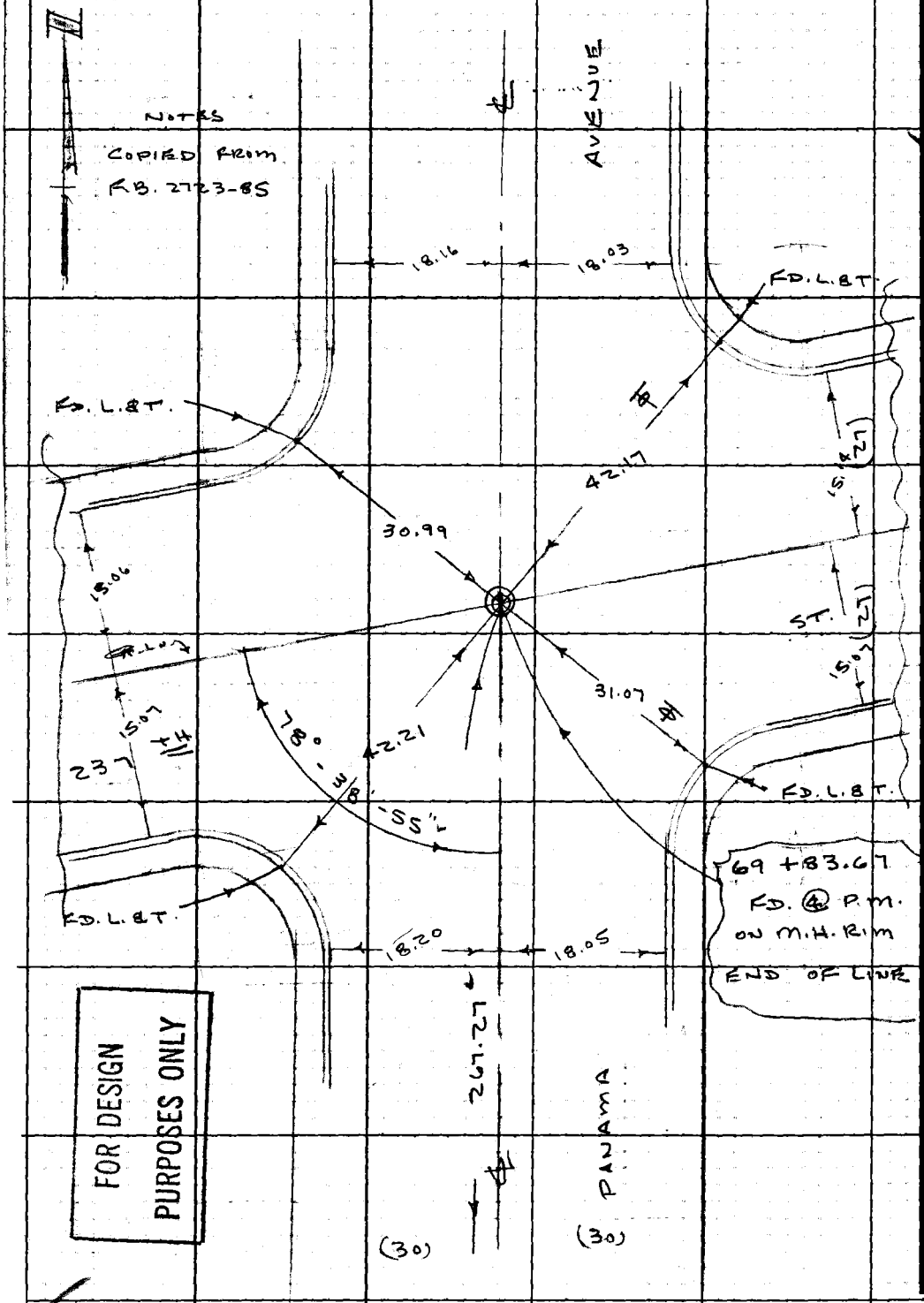
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3343 PG. 38



FOR DESIGN PURPOSES ONLY

TO TOP OF PG. 37

PLEASE RETURN TO
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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 A. E. DART	Survey of PANAMA AVE
Map No.	JN 6116.90 Tape 225 Std 68 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M Date 3-67
Date	Indexed G. J. GALLI

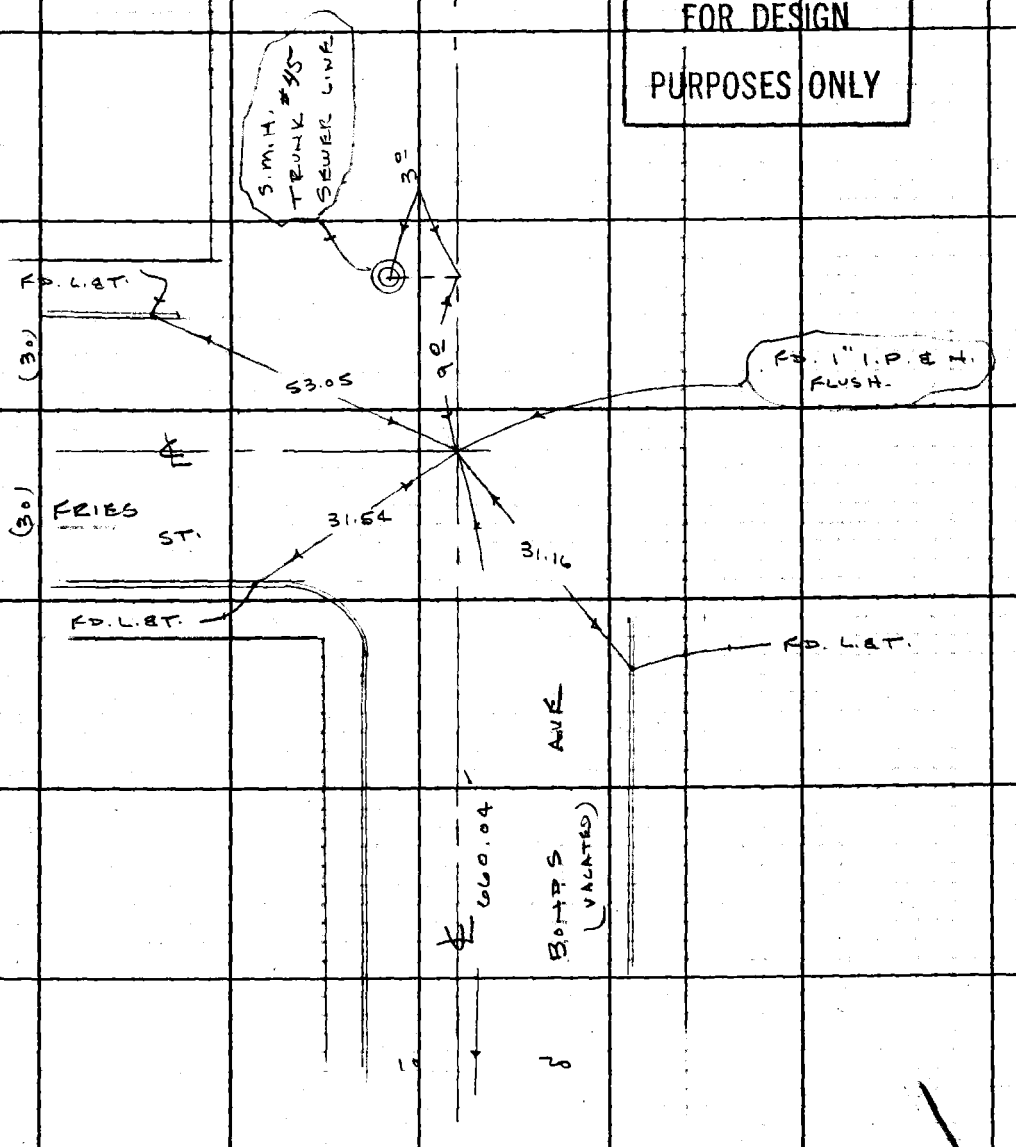
F. B. 3343 PG. 39

#45

LOCATION TRUNK S.5 M.H.

NOTES COPIED FROM F.B. 2723-147

FOR DESIGN PURPOSES ONLY



TO TOP OF PG. 29

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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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

16F309S CE#310 1-65

LOCATION TRUNK SS # 254

F.B. 3343 PG. 40

WS28,C-2

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by	Survey of PANAMA AVE
Map No.	JN 6116.90 Tape 225 Std 68 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes E. SHOEMAKER Date 3-67
Date	Indexed C. J. GALLI APR 21 '67

F. B. 3343 PG. 41

LOCATION

OF

IMPROVEMENTS

FOR

PANAMA AVENUE

STORM DRAIN

NO. 690

J.N. 6116.90

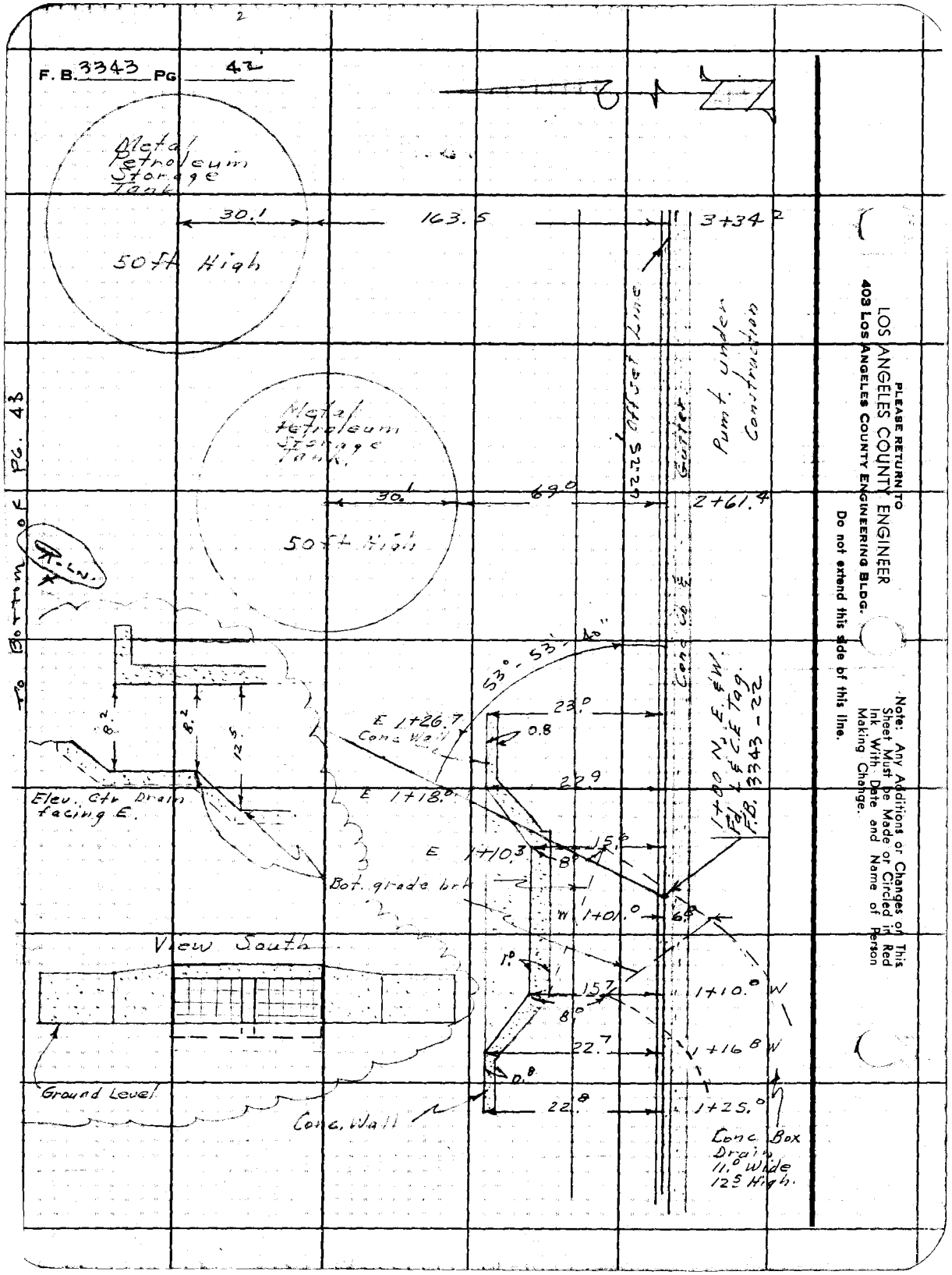
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink, With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CE#310 1-65

F. B. 3343 PG 42



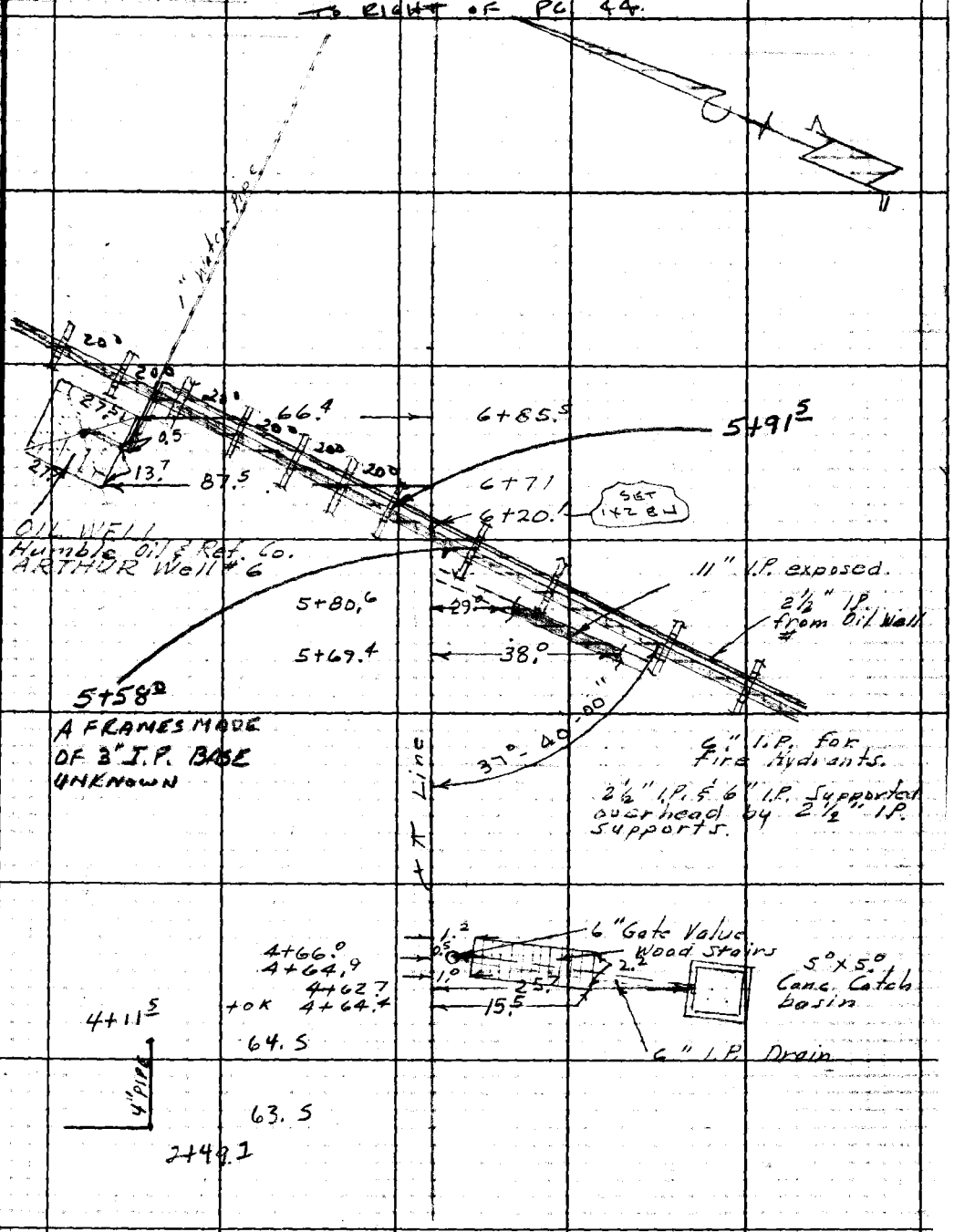
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of PANAMA AVE
Map No.	JN6116.9A Tape 225 Std 68 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes E. SHOEMAKER Date 3-21-67
Date	Indexed C.J. GALLI

F. B. 3343 PG. 43



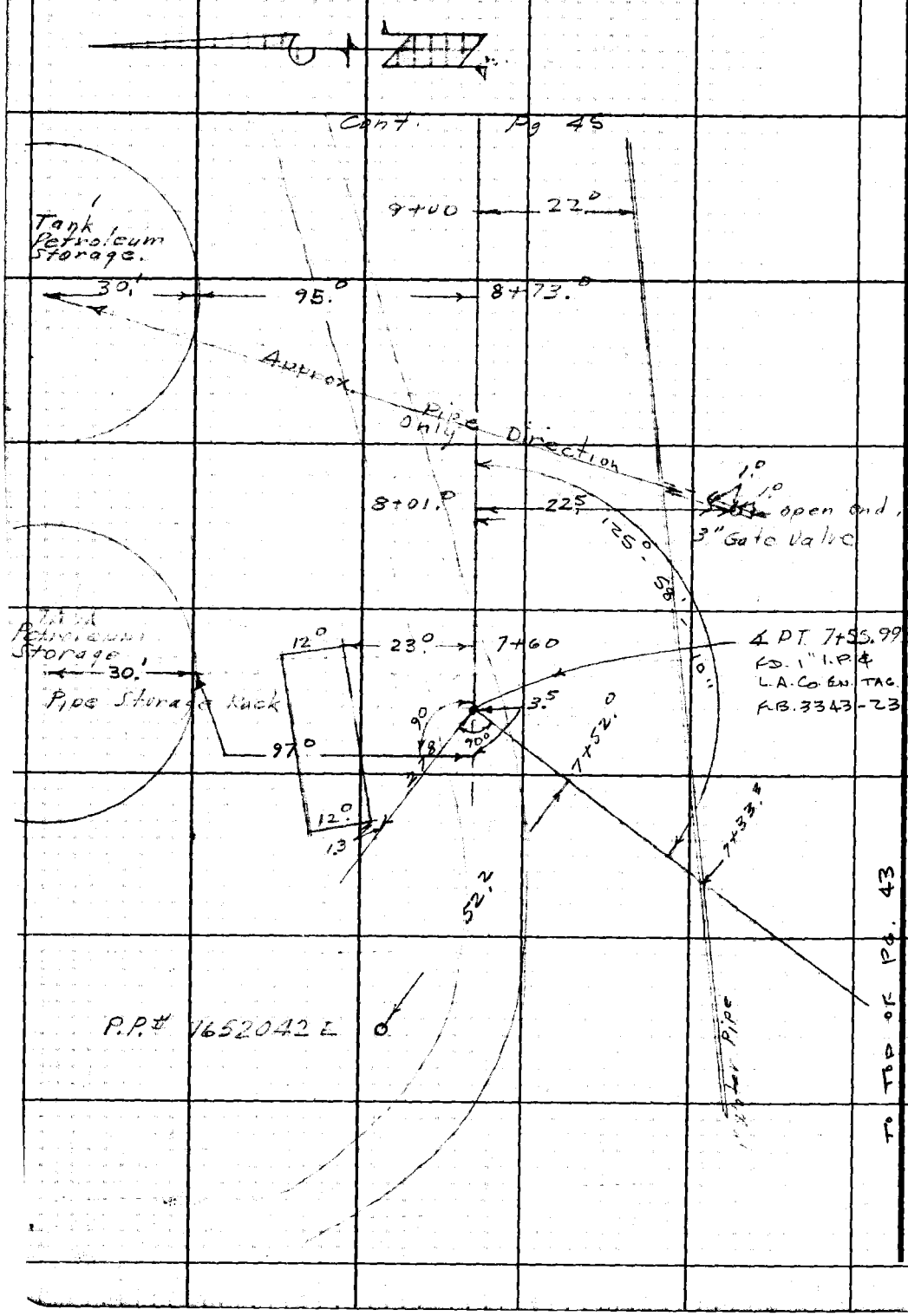
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 1-65

F. B. 3343 PG 44

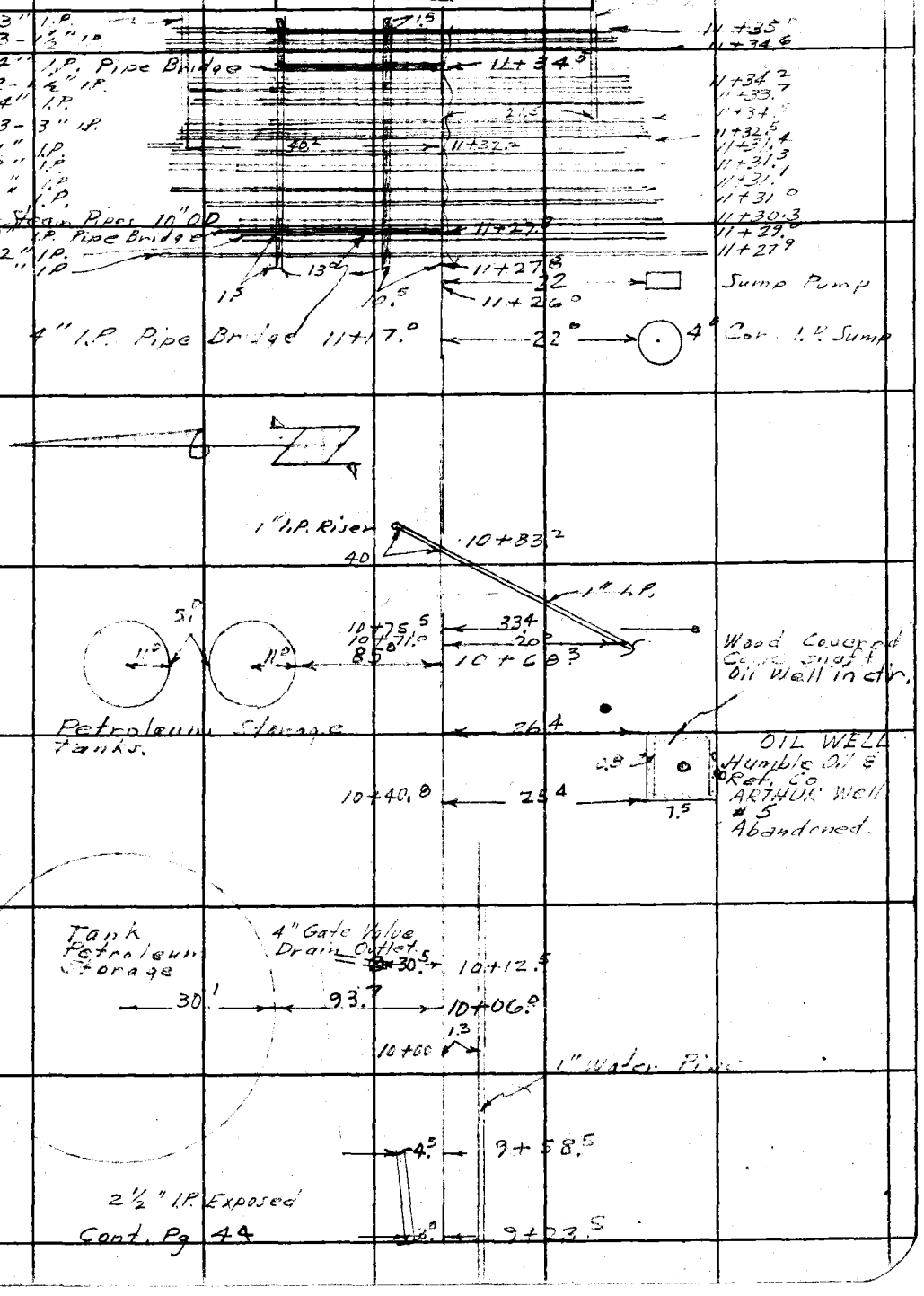


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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	Survey of Panama A.C.	F. B. 3343 PG. 45
Map No.	JN 6116.50 Tape 225 Std 68 °F	
Office Work	Surveyed by J. P. Nelson	Cont. Pg 46
Checked	Notes E.S. Date 10-22-67	
Date	Indexed C. J. GALLI	



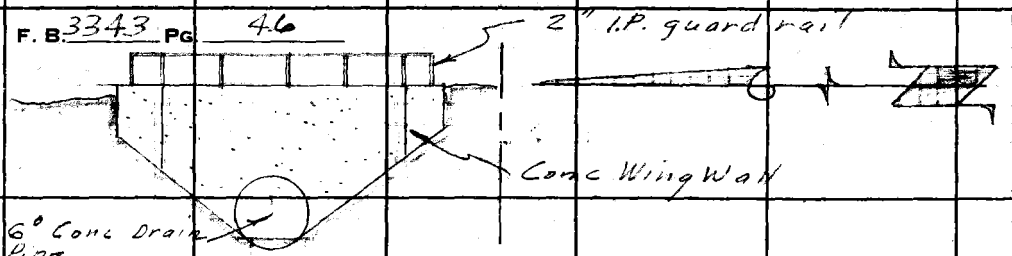
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

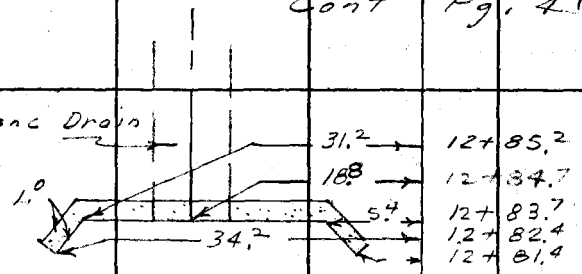
76F3095 CE #310 6-63

F. B. 3343 PG. 46



Elev. Facing E.

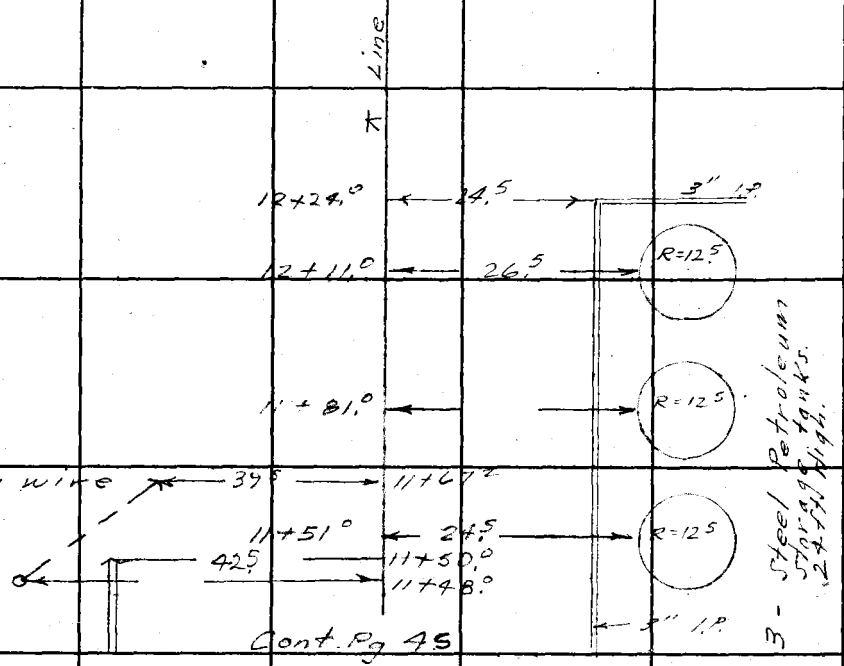
Cont Pg. 47



Note: For detail see above.

Conc Wing Wall

FLETCHER OIL AND REFINING COMPANY



Cont. Pg 45

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.

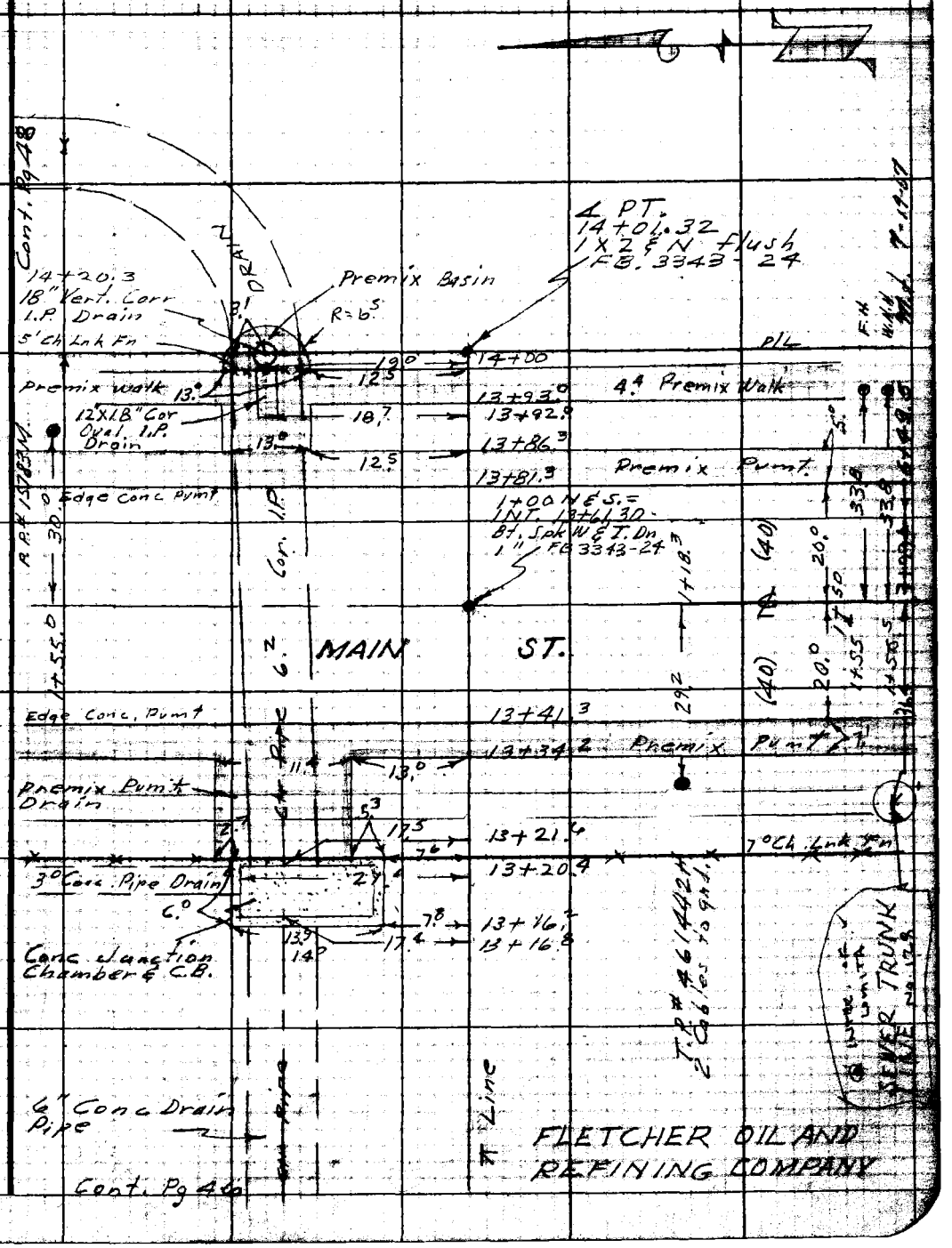
Notes Ck'd by	Survey of PANAMA AVE
Map No.	JN 6416.90 Tape 225 Std 68 °F
Office Work	Surveyed by J.P. Menne
Checked	Notes E.T. Date 3-23-67
Date	Indexed C.J. GALLI

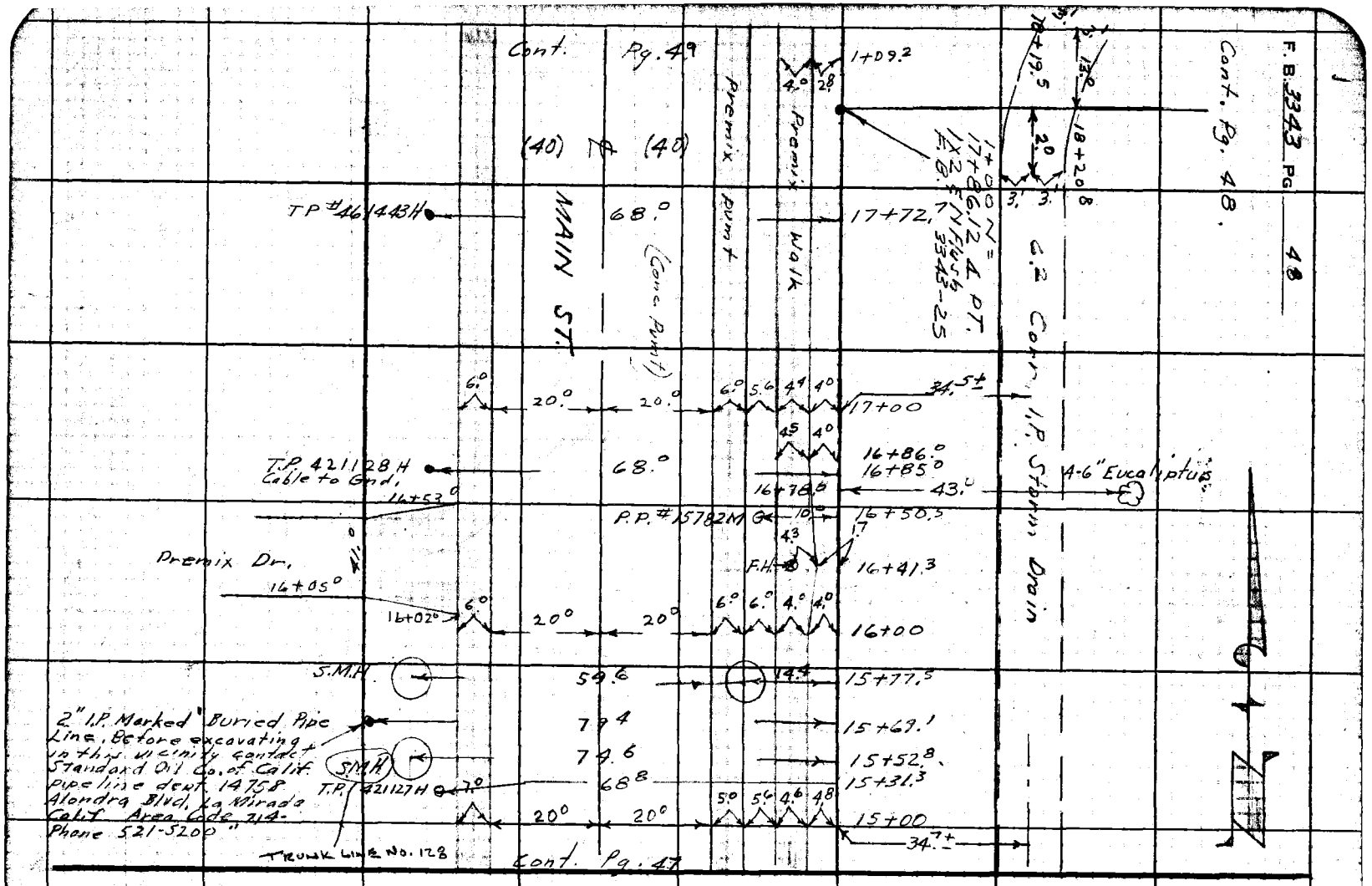
F. B. 3343 PG. 47

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.

7 of 3095 CE#310 1-65





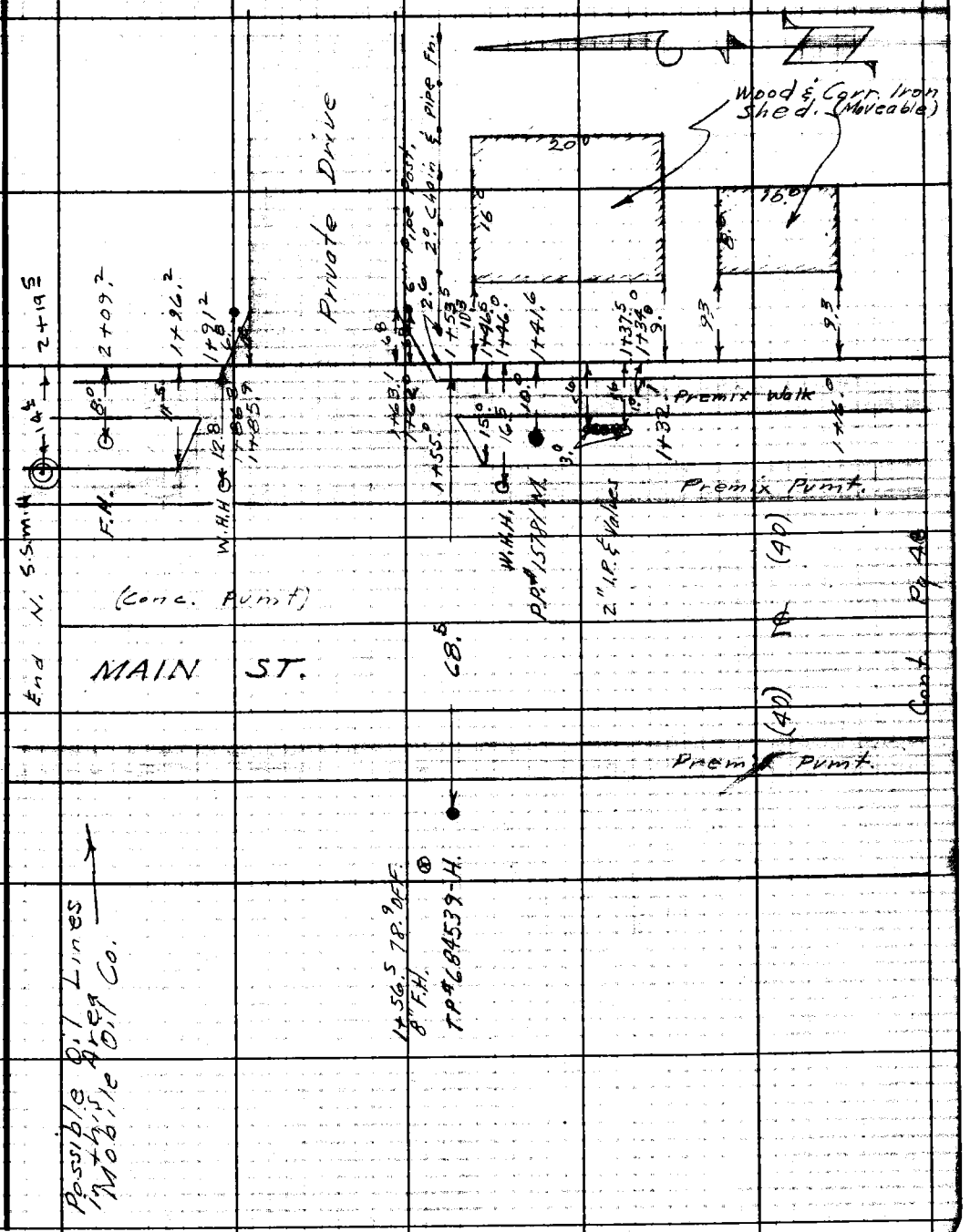
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 this side of this line.

Notes Ck'd by	Survey of PANAMA AVE
Map No.	JN 6116.90 Tape 22.5 Std. 68 °F
Office Work	Surveyed by J. P. Menne
Checked	Notes E. J. Date 3-23-67
Date	Indexed C. J. GALLT

F. B. 3343 PG. 49



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

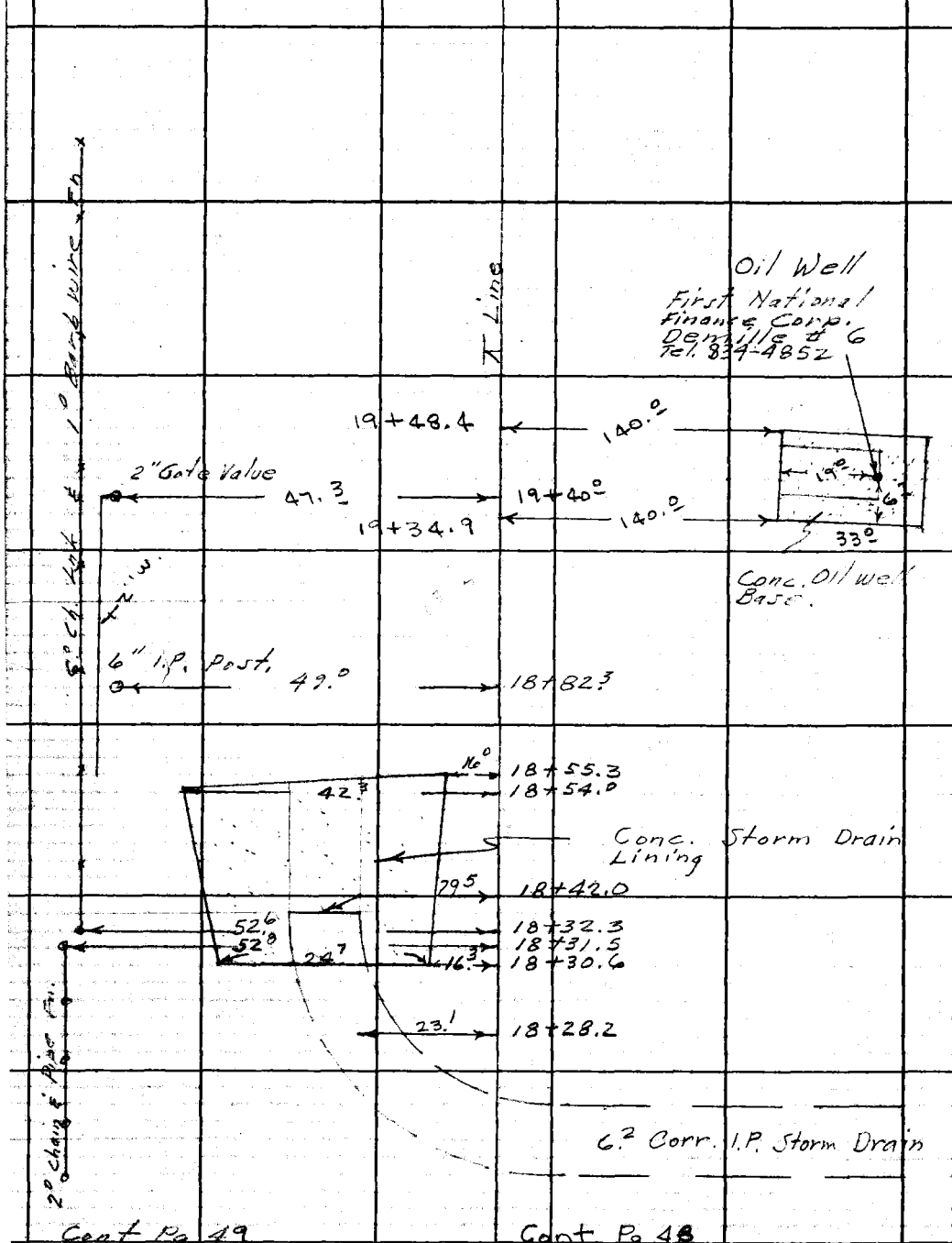
Do not extend this side of this line.

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

76F309S CE#310 1-65

F. B. 3343 PG 50

Cont Pg 51

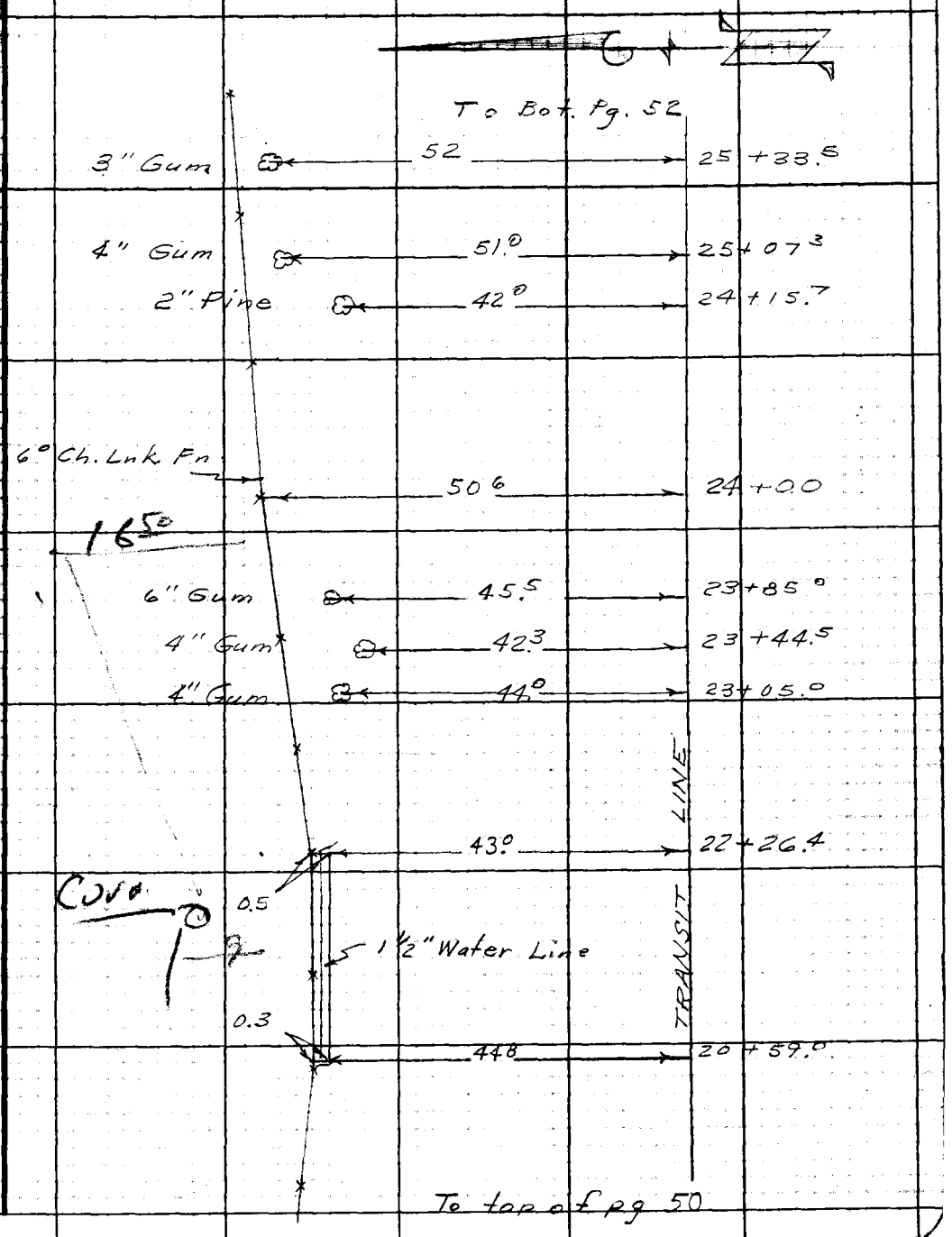


Cont Pg 49

Cont Pg 48

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	Survey of Panama Ave	F. B. 3348 PG. 51
Map No.	JN 61169A Tape 225 Std 68 °F	
Office Work	Surveyed by J. P. Menne	
Checked	Notes E. S. GALLI Date 3-24-67	
Date	Indexed	



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

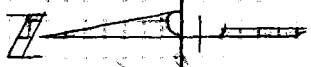
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

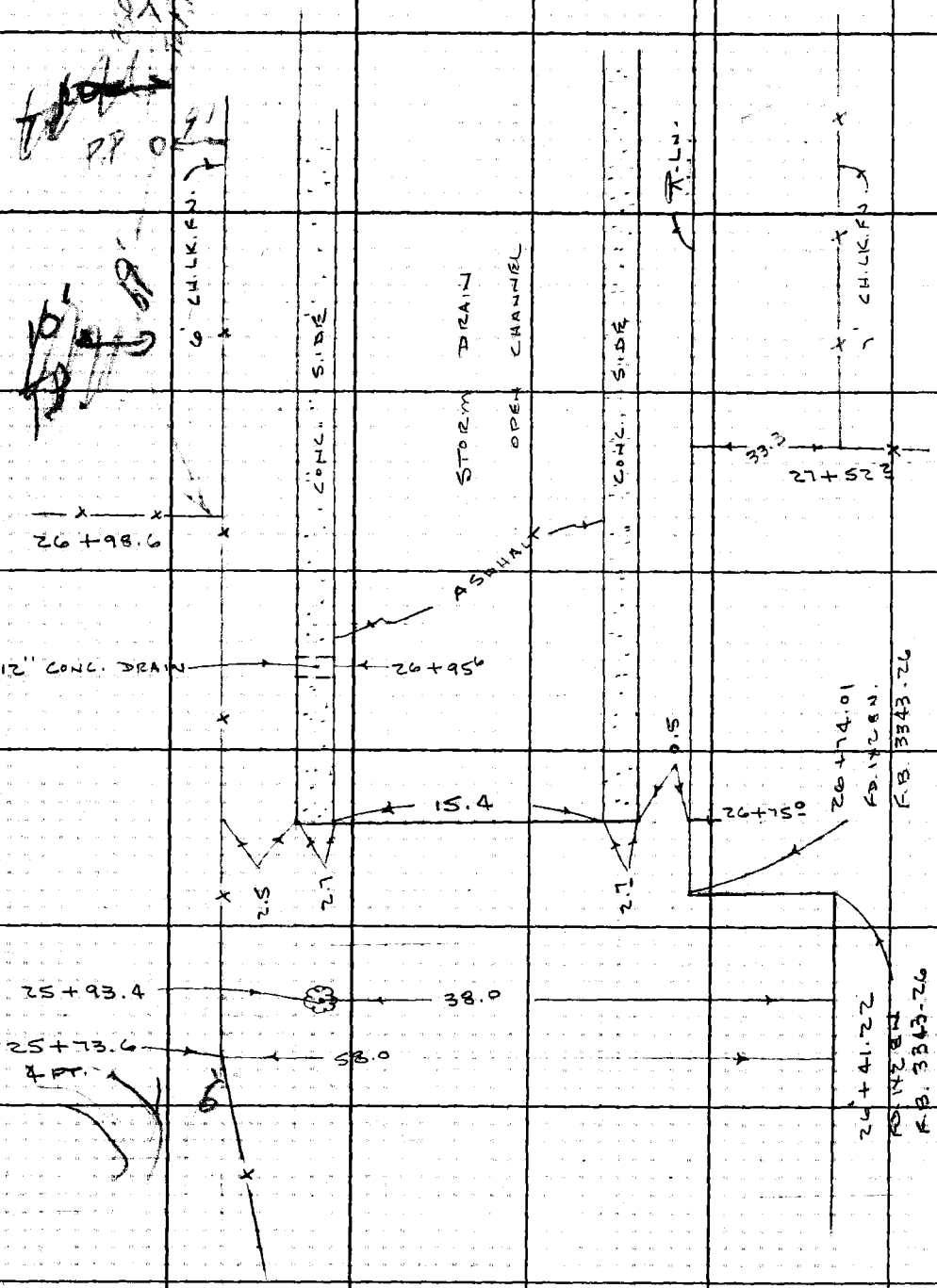
Do not extend this side of this line.

76F309S CE #310 1-65

To Bottom of PG. 53

F. B. 3343 PG 52





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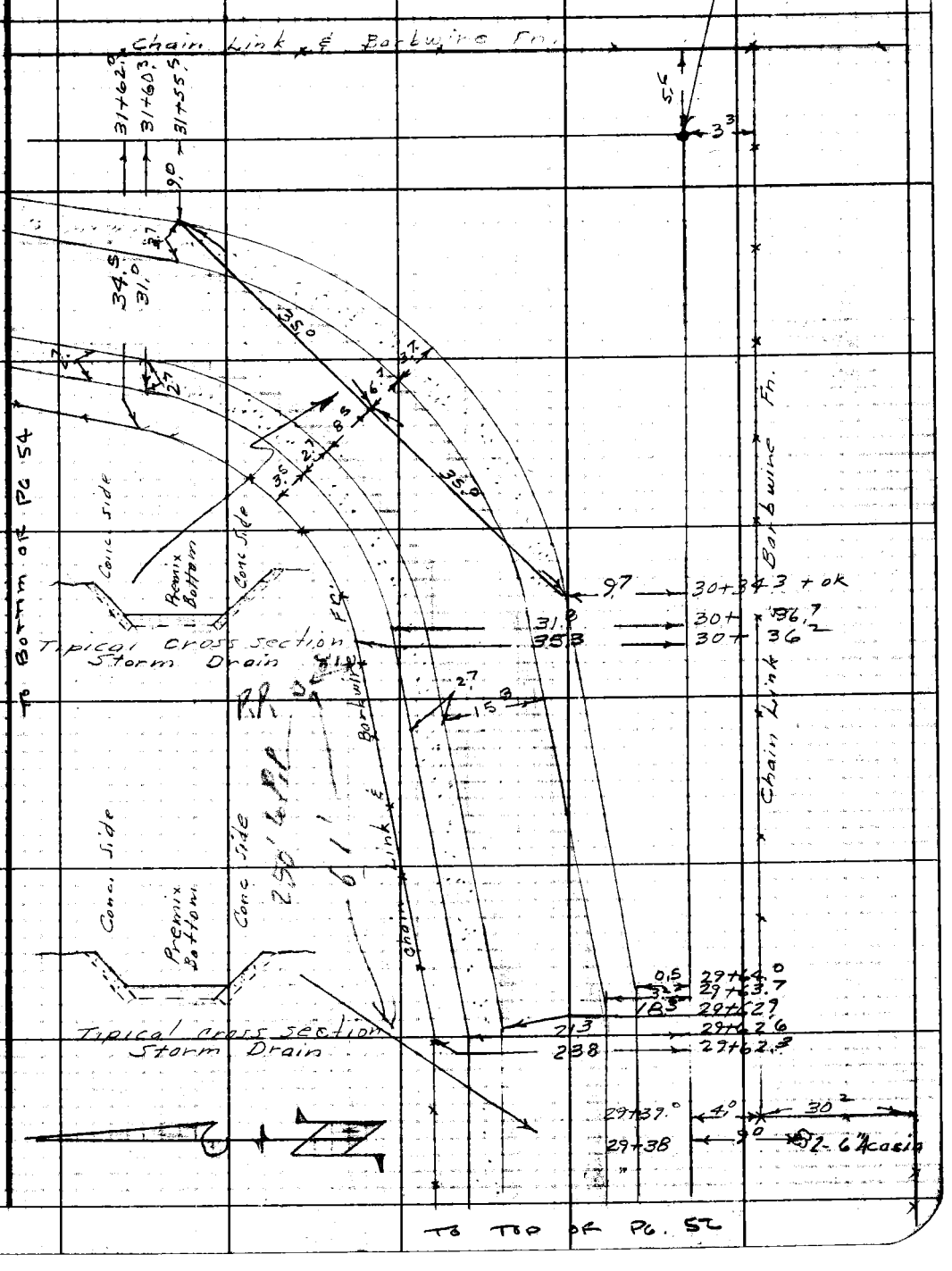
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

To Top of PG. 51

Notes Ck'd by	Survey of Panama Ave	F. B. 3343 PG. 53
Map No.	JN 6116.90 Tape 225 Std 68 °F	30+98.15 ∠ PT.
Office Work	Surveyed by J. P. Menne	1X2 & N. flush.
Checked	Notes L. S. Date 3-24-67	F.B. 3343-26
Date	Indexed C. J. GALLT	



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

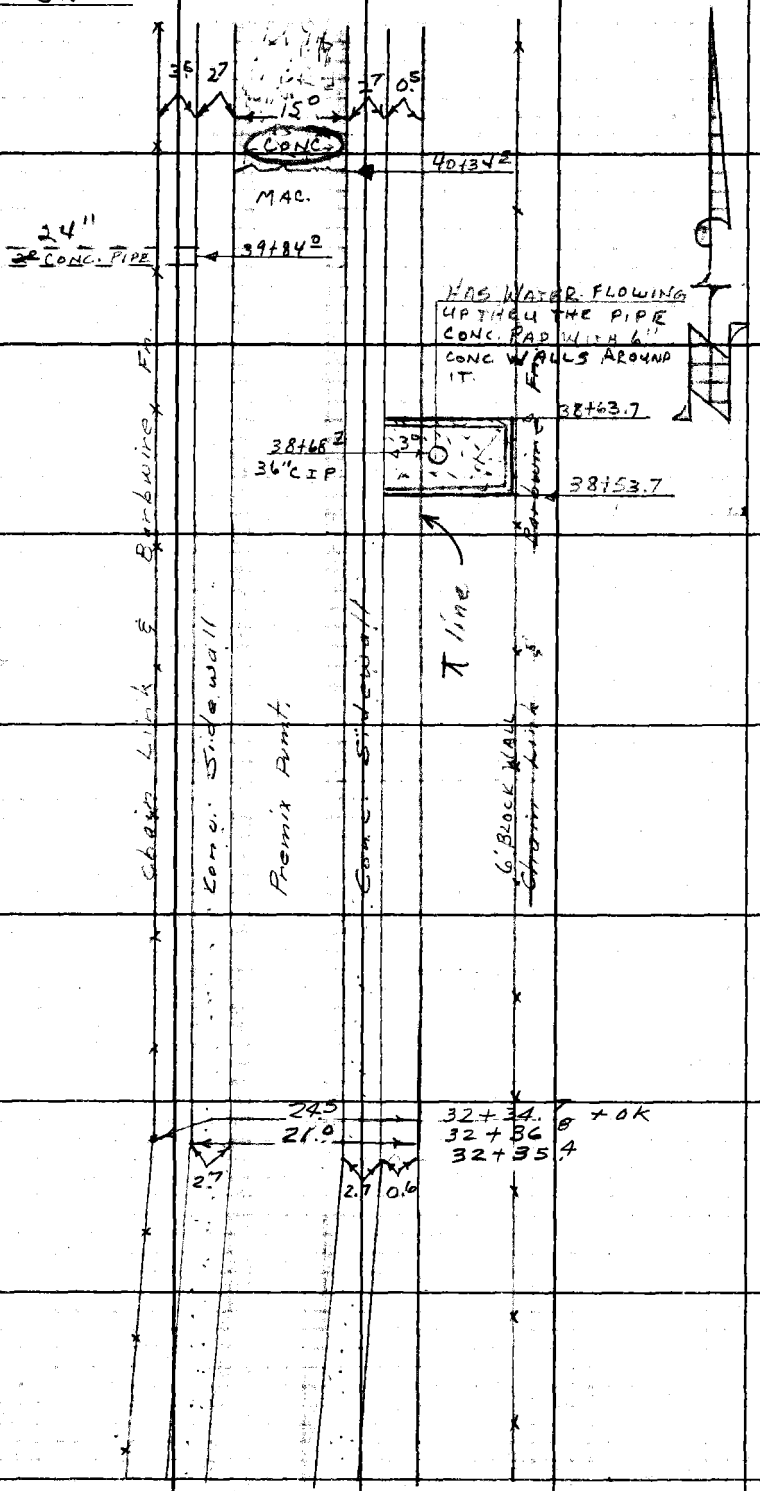
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE#310 1-65

TO BOTTOM OF PG. 55

F. B. 3343 PG 54

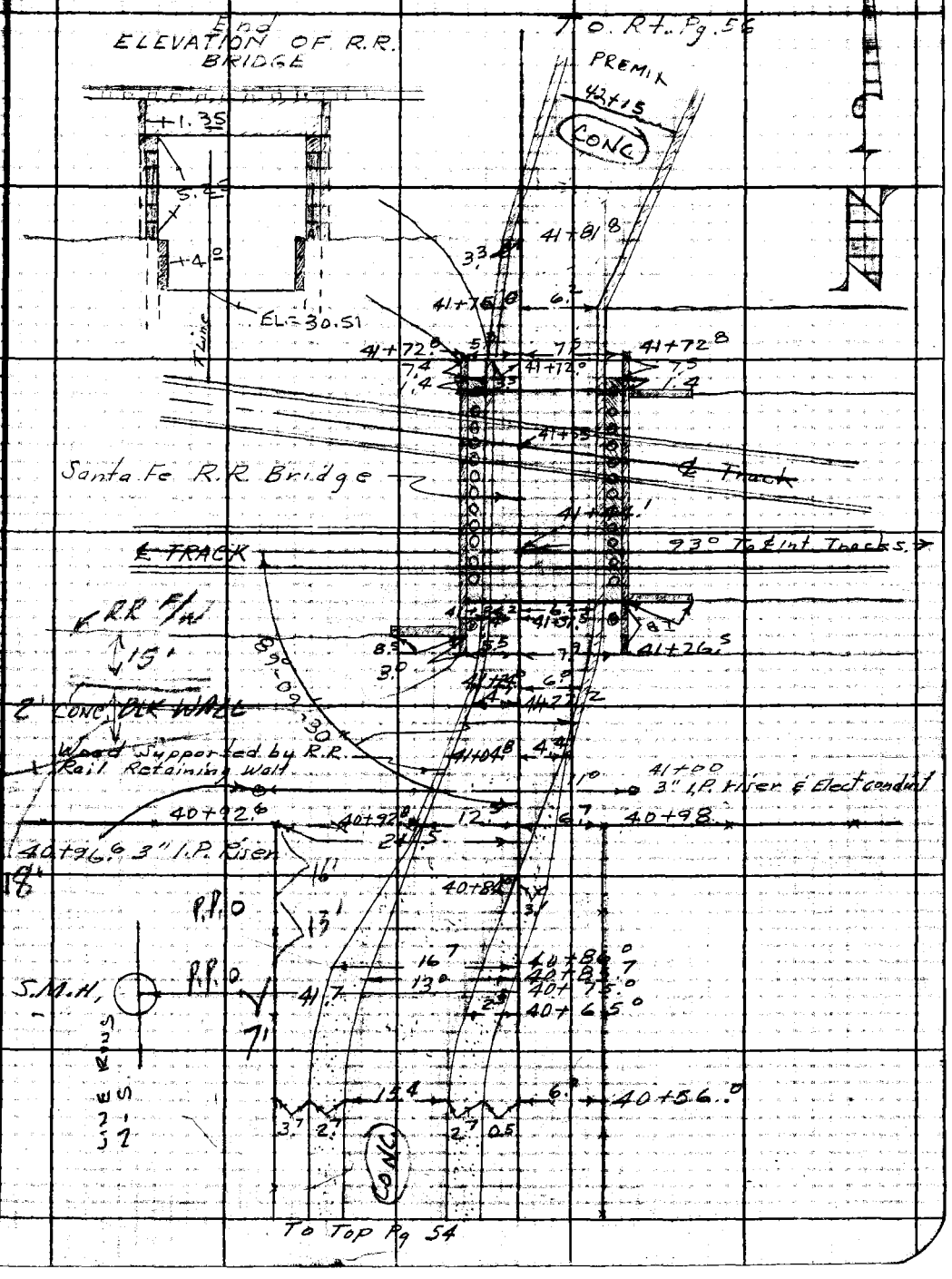


TO LEFT OF PG. 53

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	Survey of Panama Ave	F. B. 3343 PG. 55
Map No.	JN 611690 Tape 225 Std. 68 °F	
Office Work	Surveyed by J. P. Menne	
Checked	Notes E. S. Date 3-29-67	
Date	Indexed C. J. GALLI	



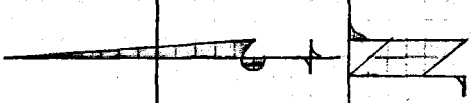
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

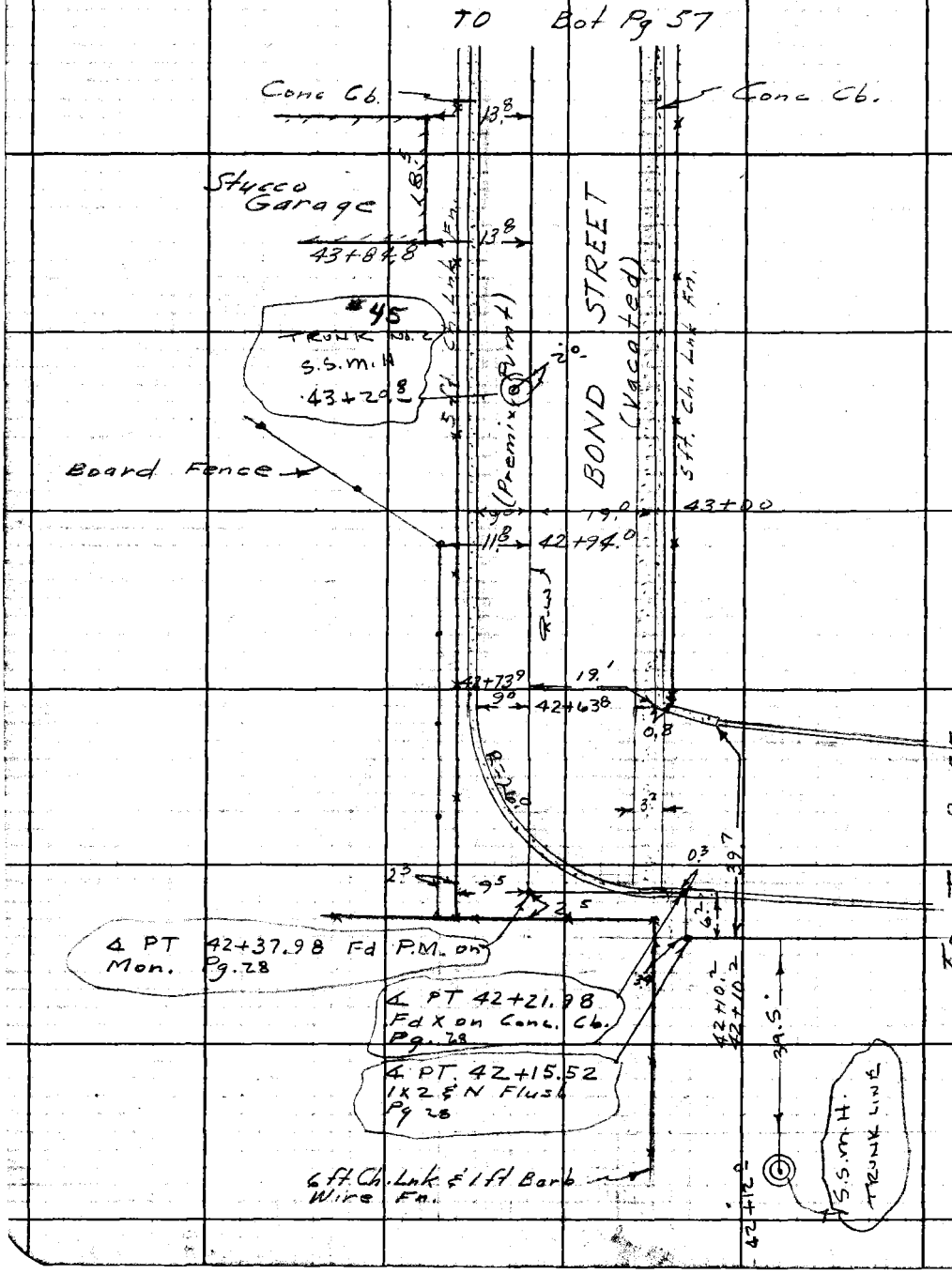
Do not extend this side of this line.

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

76F309S CE#310 1-65

F. B. 3343 PG 56





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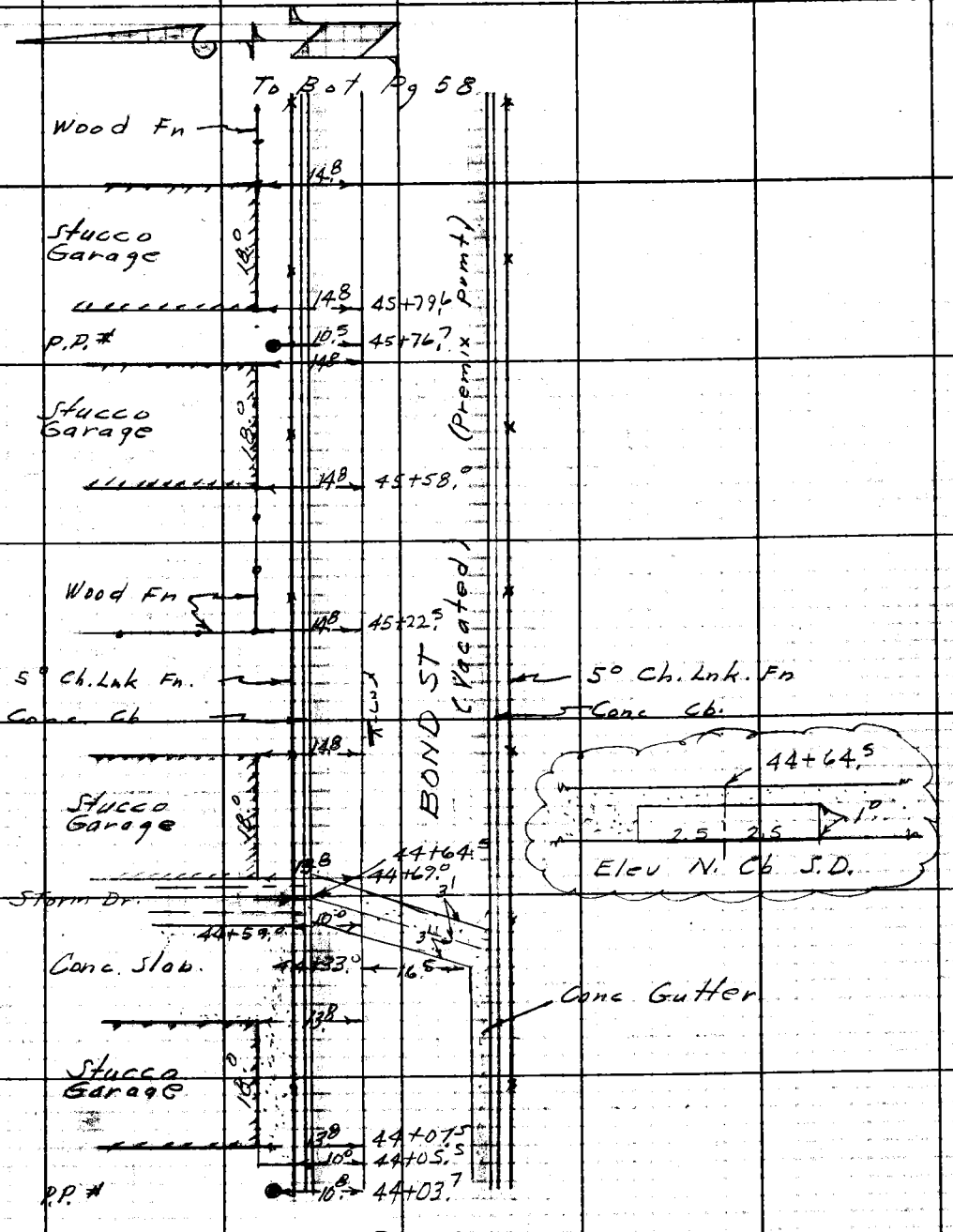
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Panama Ave
Map No.	JN 611690 Tape 225 Std 68 °F
Office Work	Surveyed by J.P. Menne
Checked	Notes E.S. Date 3-27-67
Date	Indexed C.J. GALLI

F. B. 3343 PG. 57



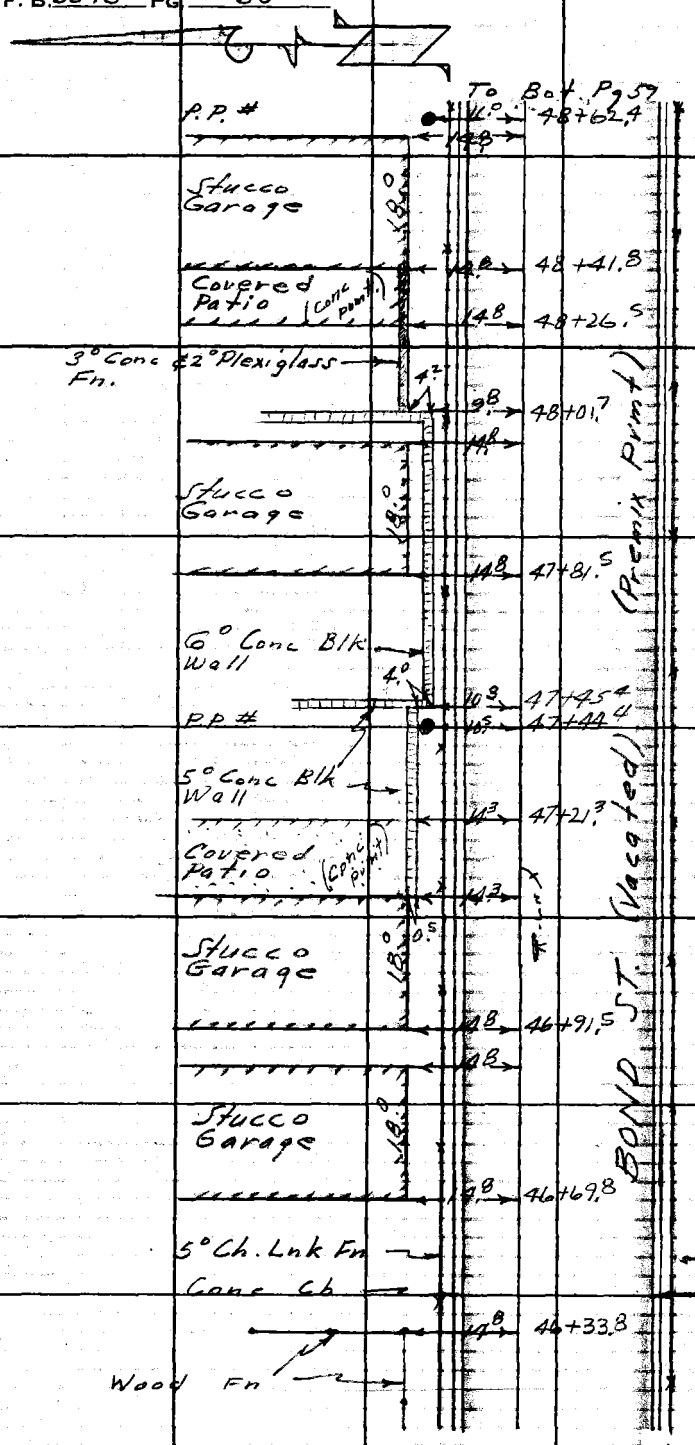
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 1-65

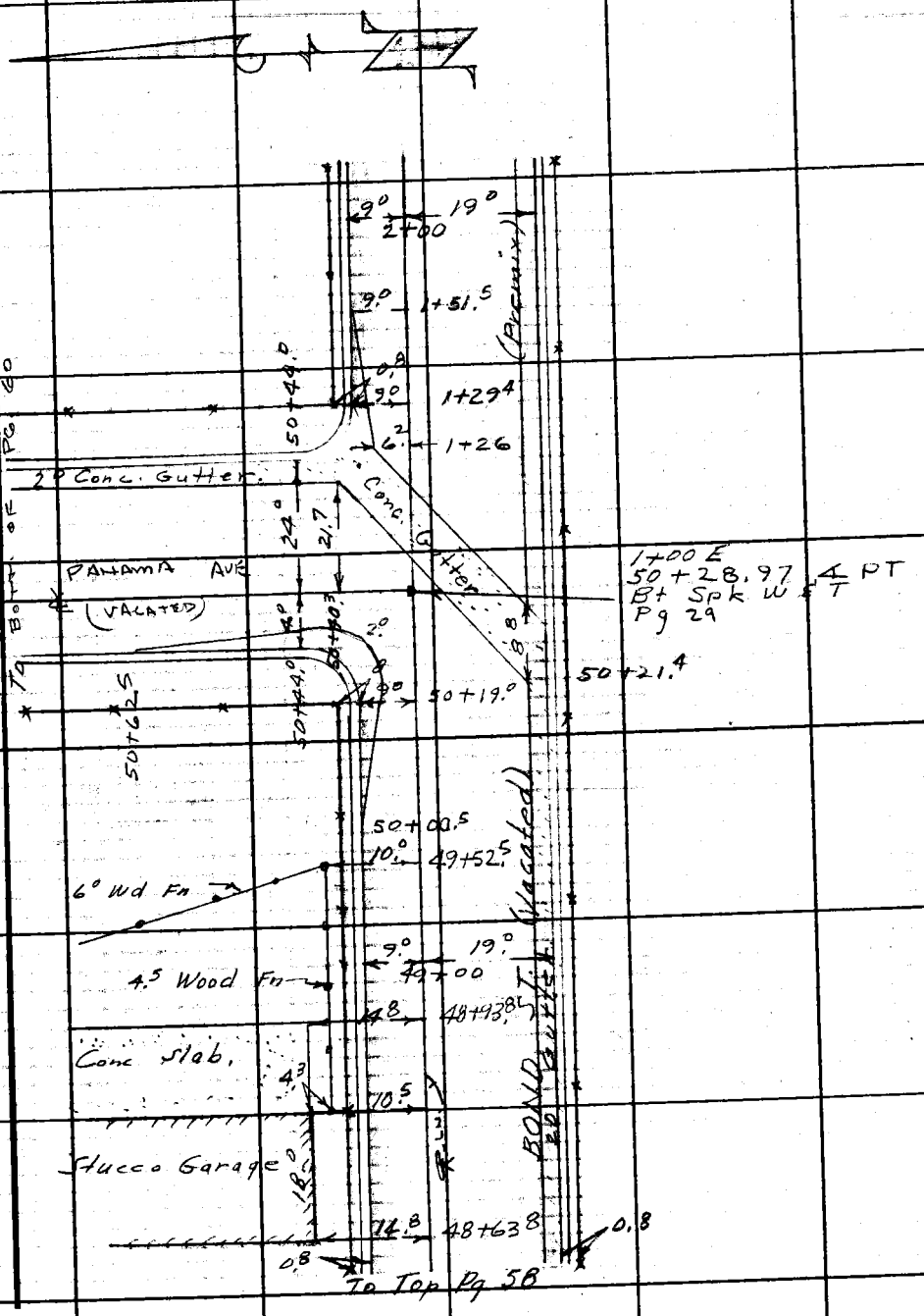
F. B. 3343 PG. 58



LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
PLEASE RETURN TO
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of PANAMA AVE.
Map No.	JN 6116.90 Tape 225 Std. 68 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes E. SHOEMAKER Date 3-30-67
Date	Indexed C. J. GALLI

F. B. 3343 PG. 59



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

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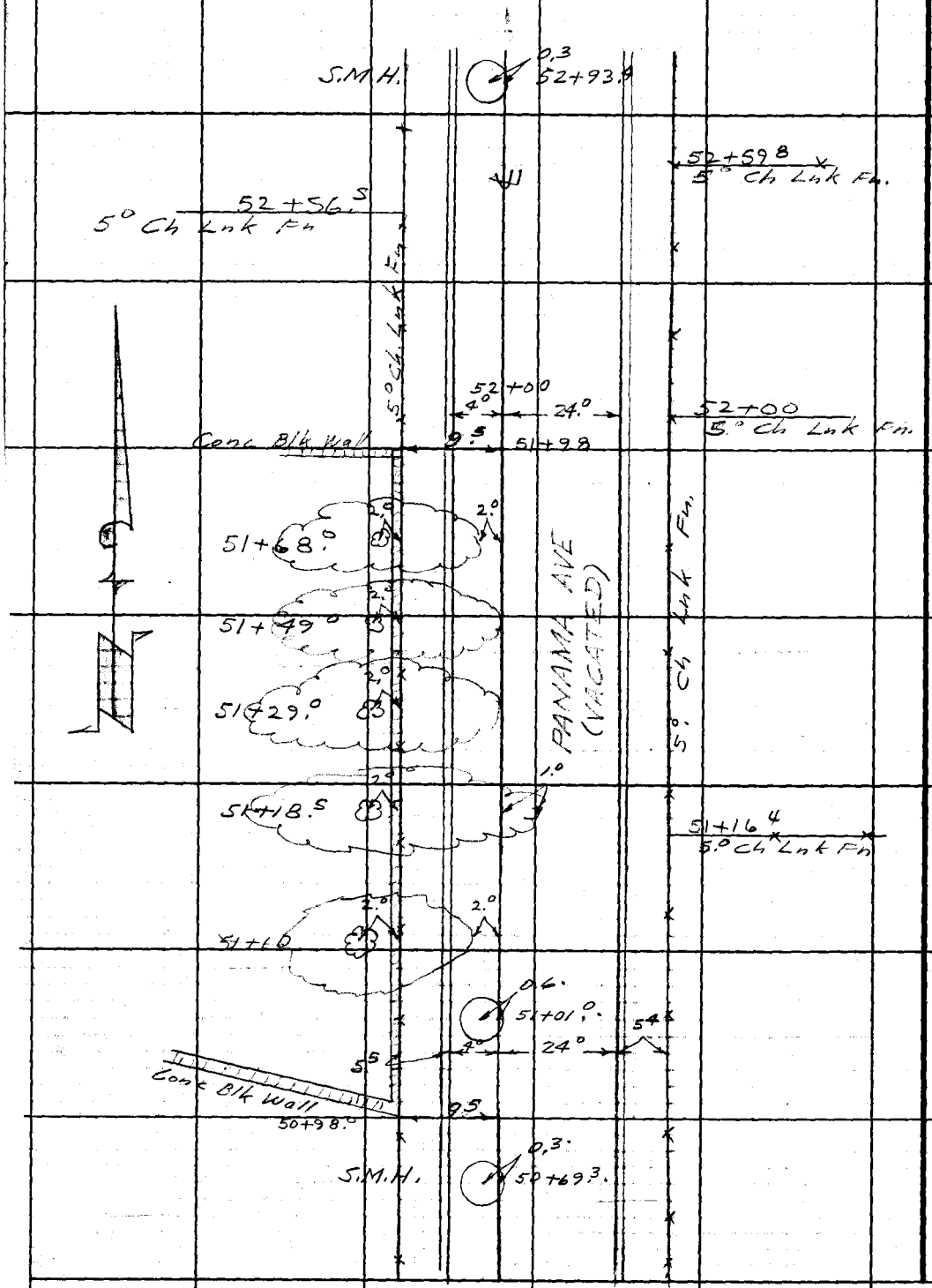
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

TO BOTT. OF PG. 41

F. B. 3343 PG. 60

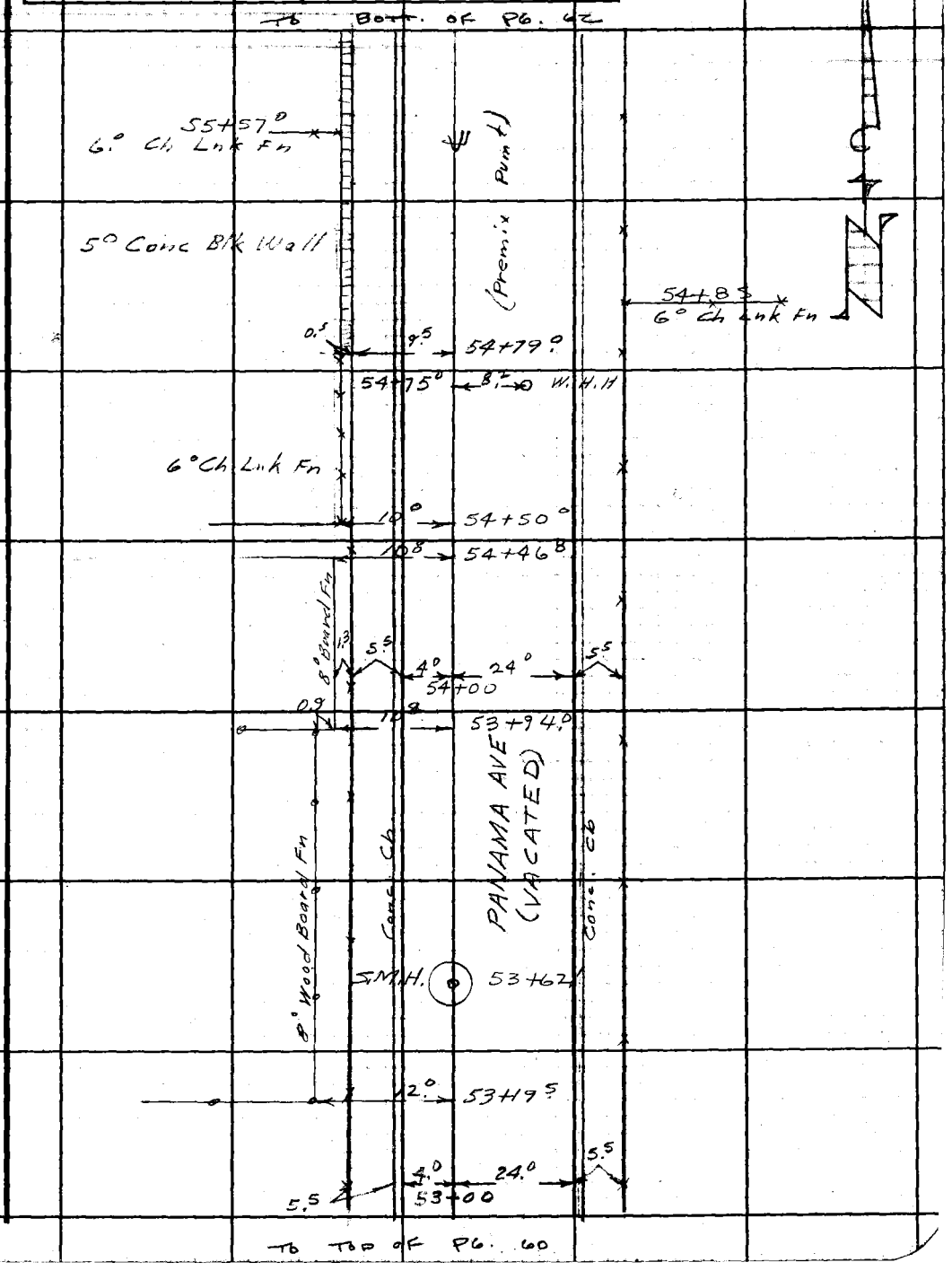


TO LEFT OF PG. 59

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	Survey of Panama Ave	F. B. 3343 PG. 61
Map No.	JN 6116.90 Tape 225 Std 68 °F	
Office Work	Surveyed by J. P. Menne	
Checked	Notes E. 5 Date 3-30-67	
Date	Indexed C. J. GALLI	



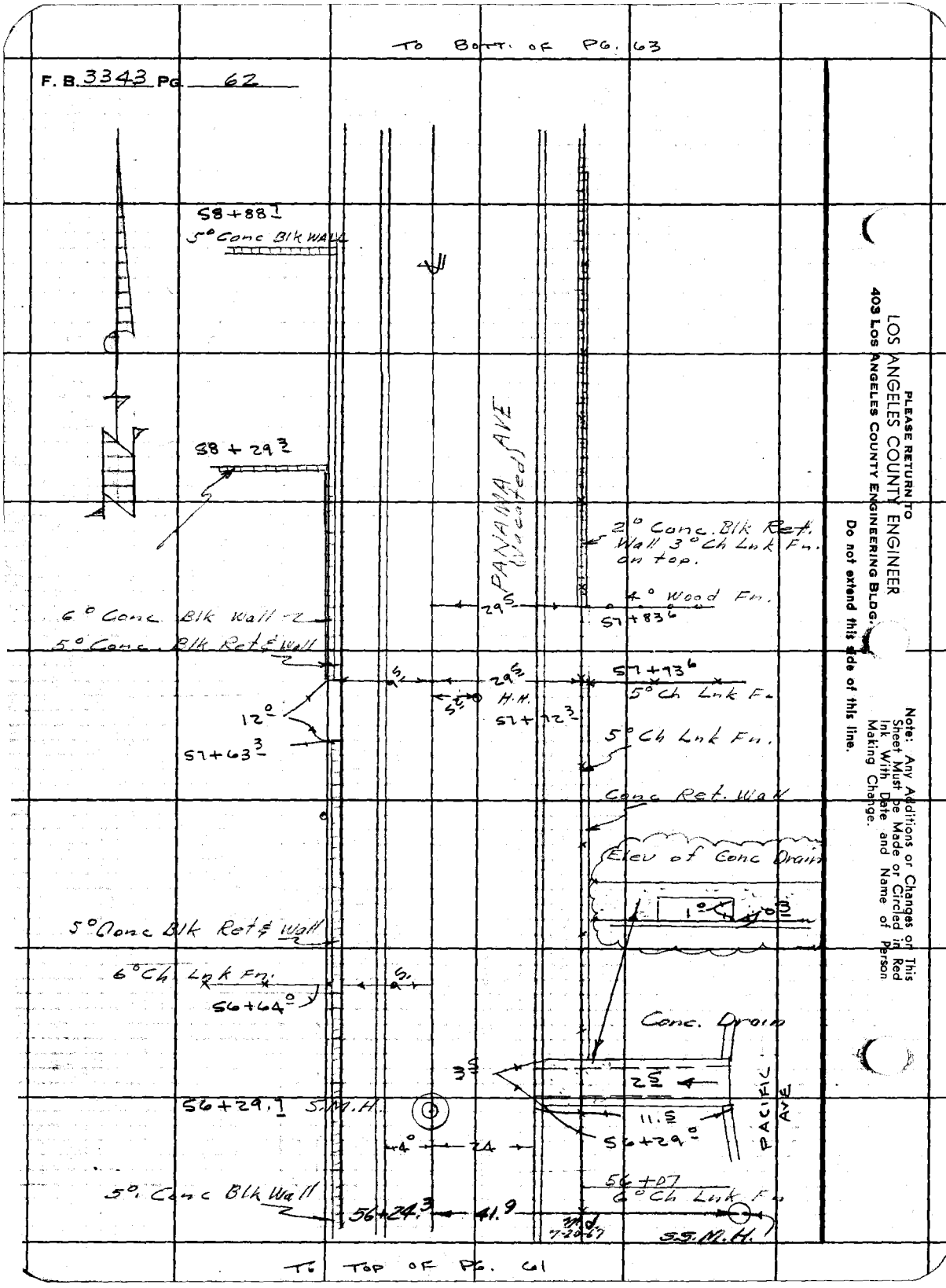
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

76F309S CE#310 1-65

TO BOTT. OF PG. 63

F. B. 3343 PG. 62



TO TOP OF PG. 61

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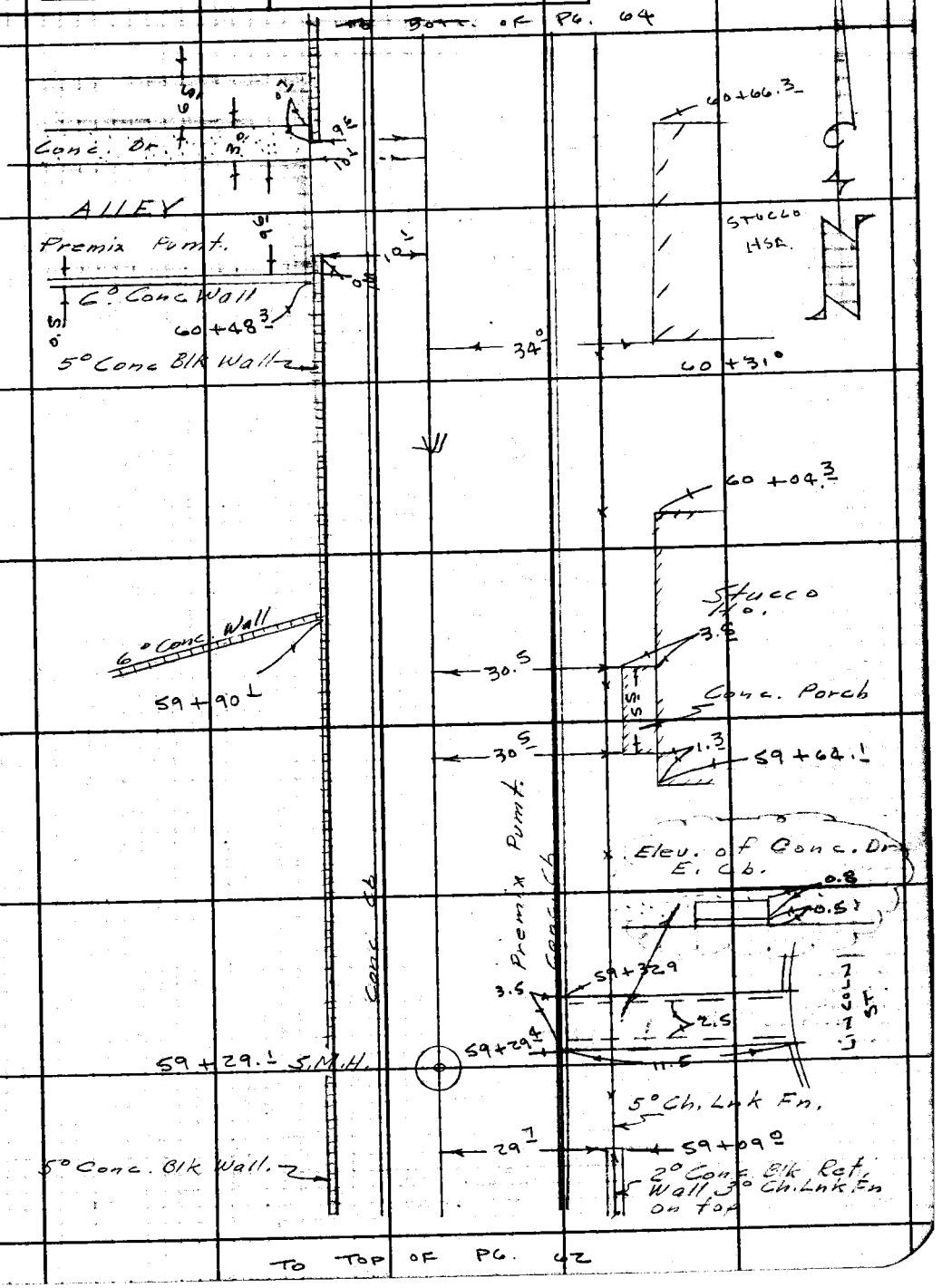
Note: Any Additions or Changes of This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of Panama Ave
JN 6116.90 Tape 225 Std 68 °F
Surveyed by J. P. Menne
Notes E.S.E. Date 3-31-67
Indexed C. J. GALLI

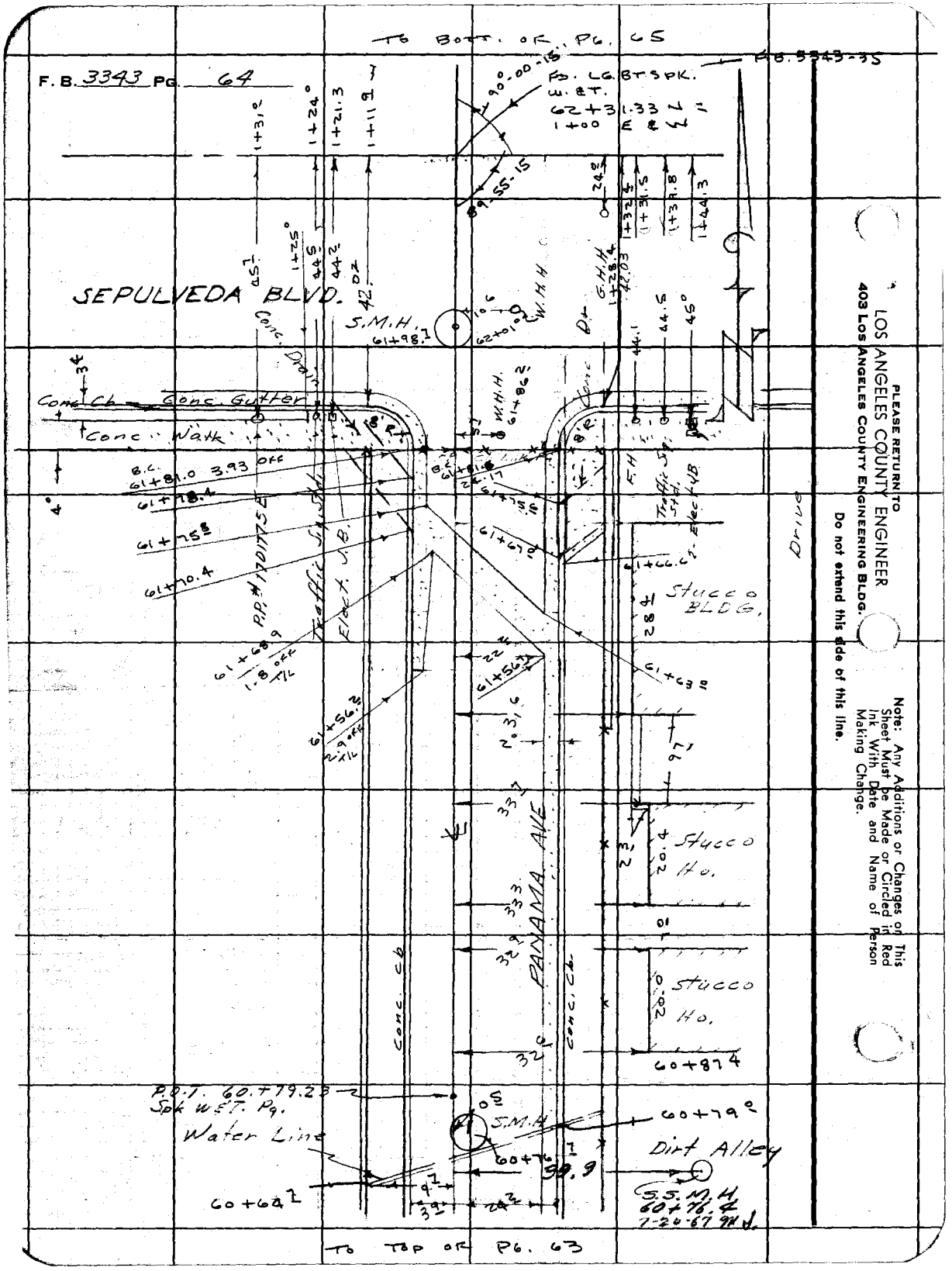
F. B. 3343 PG. 63



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.

76F309S CE#310 1-65



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

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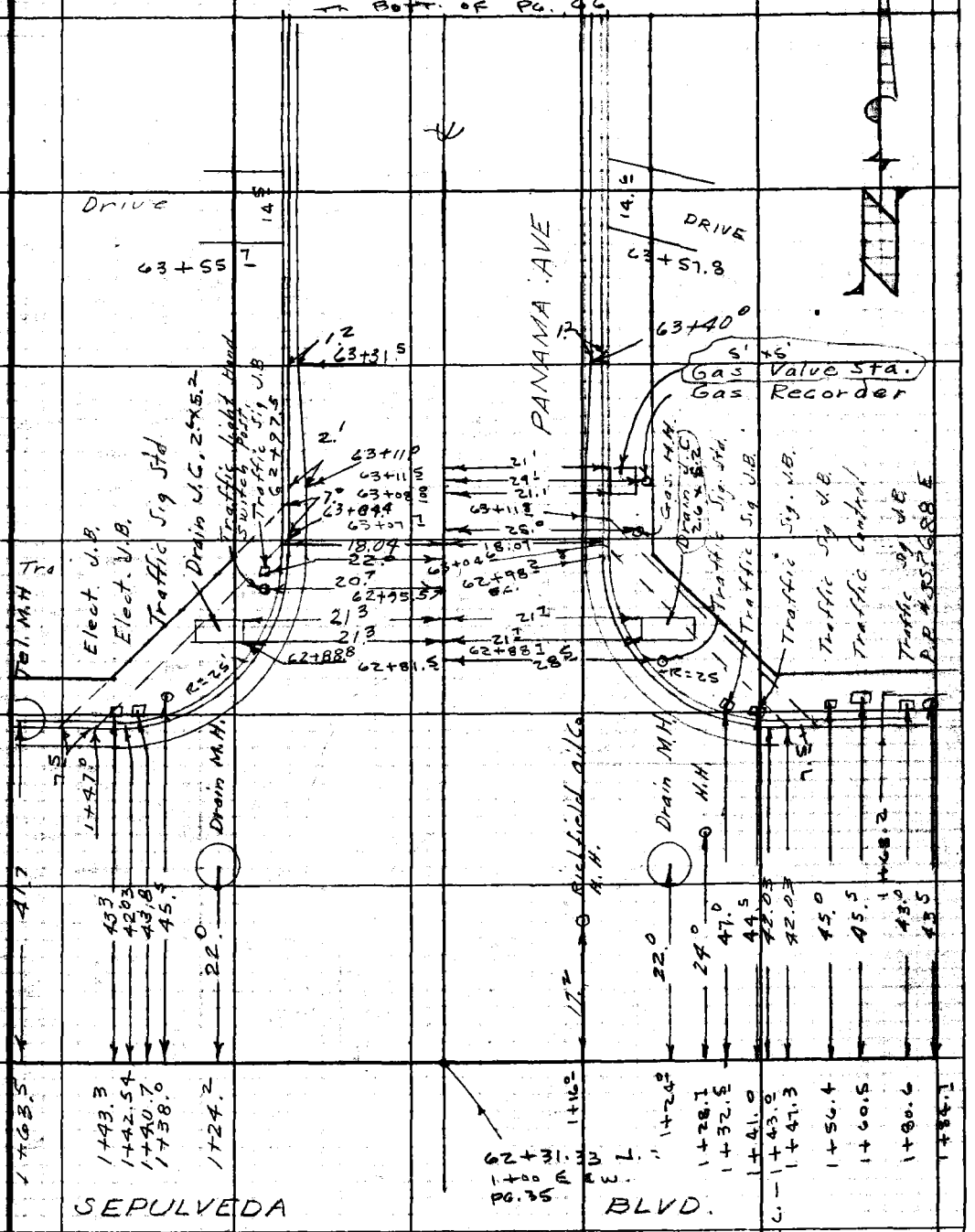
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of Panama Ave
JN 6116.90 Tape 275 Std 68 °F
Surveyed by J.P. Memmo
Notes E.S. Date 3-31-67
Indexed C. J. GALLI

F. B. 3343 PG. 65



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

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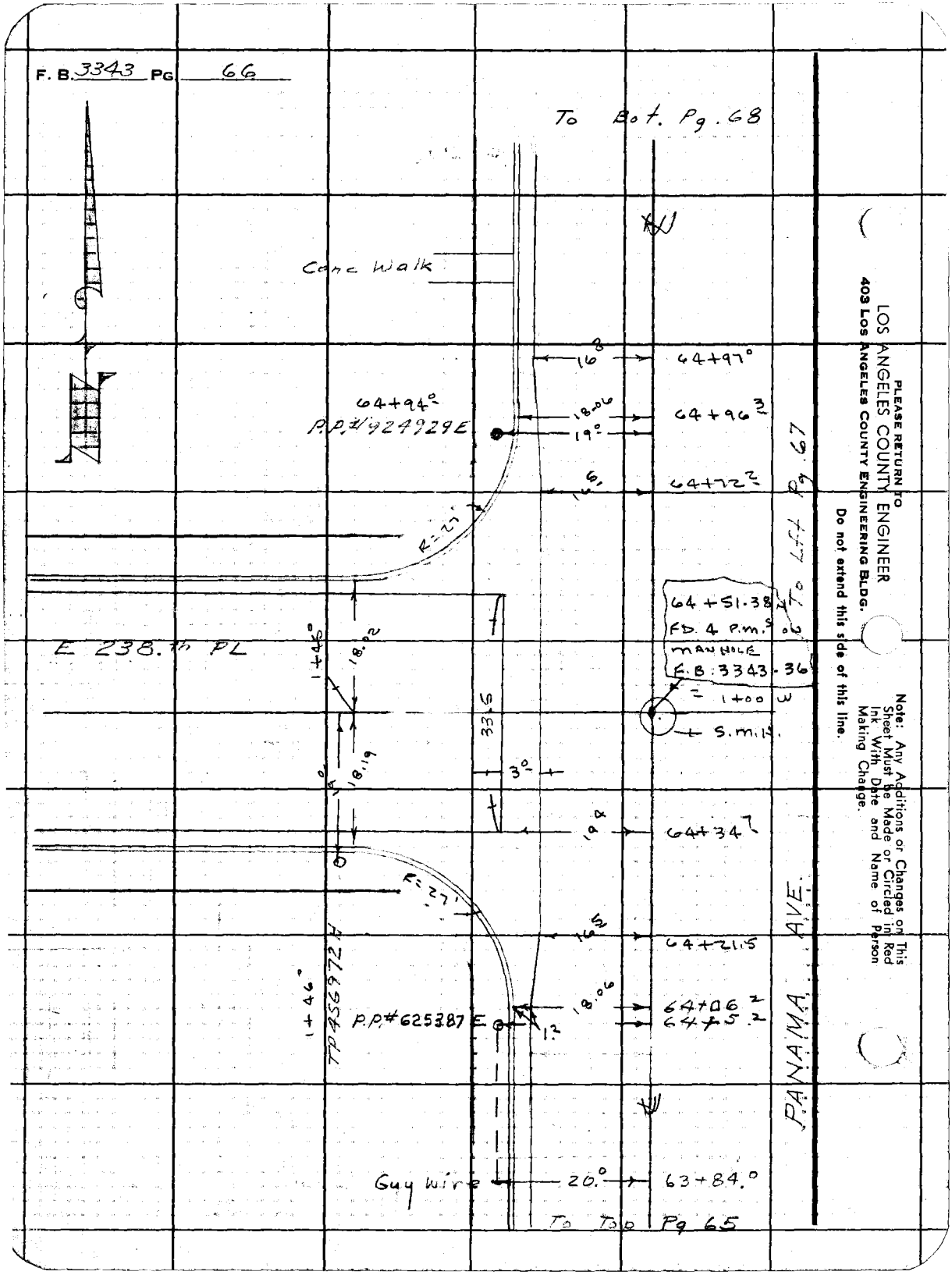
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

78F309S CE#310 1-65

F. B. 3343 PG 66



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

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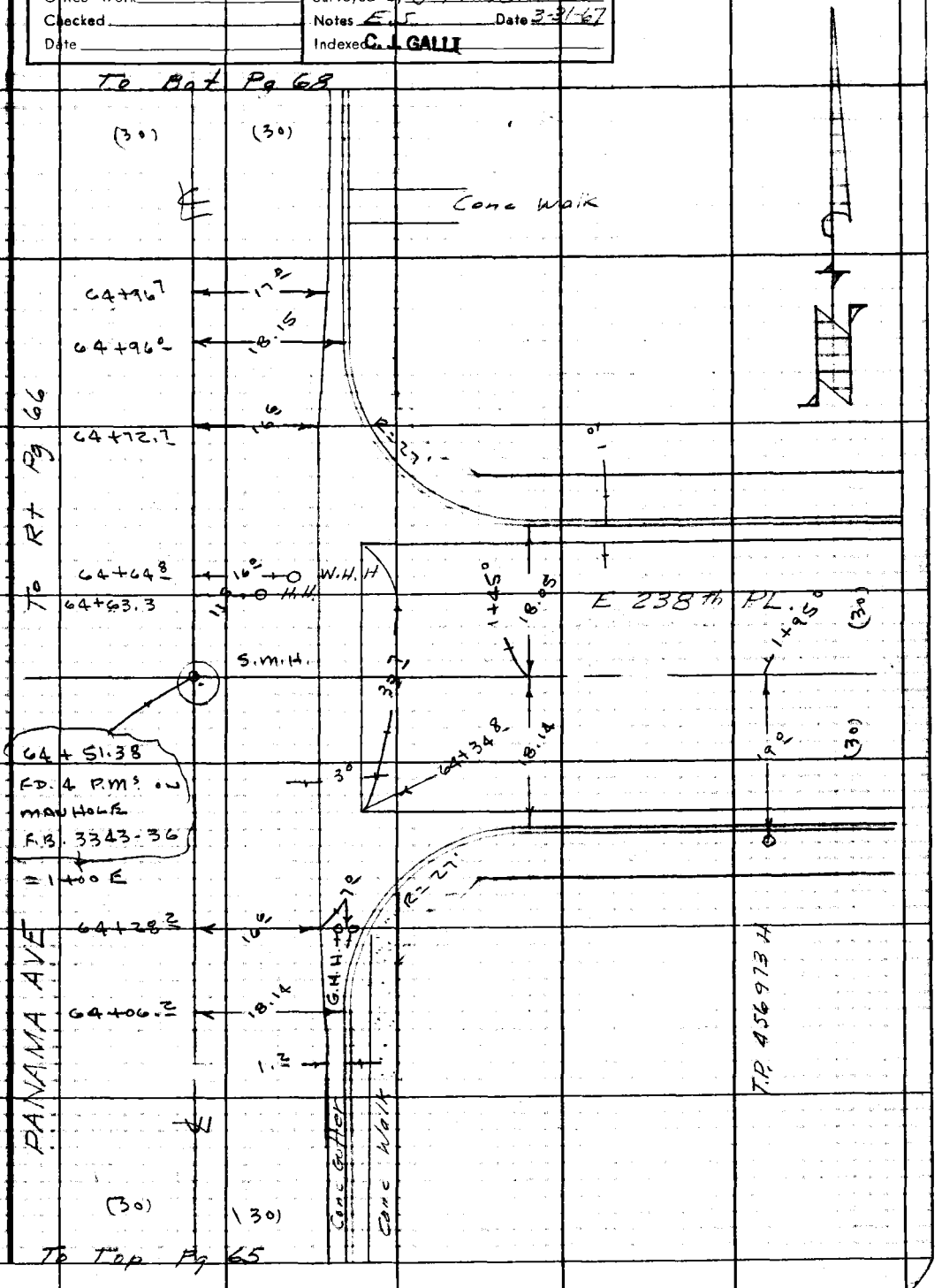
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Panama Ave S.D.
Map No.	JN 6116.9A Tape 225 Std 68 °F
Office Work	Surveyed by J. P. Mowlin
Checked	Notes E.S. Date 3-31-67
Date	Indexed C. J. GALLI

F. B. 3343 PG. 67



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.

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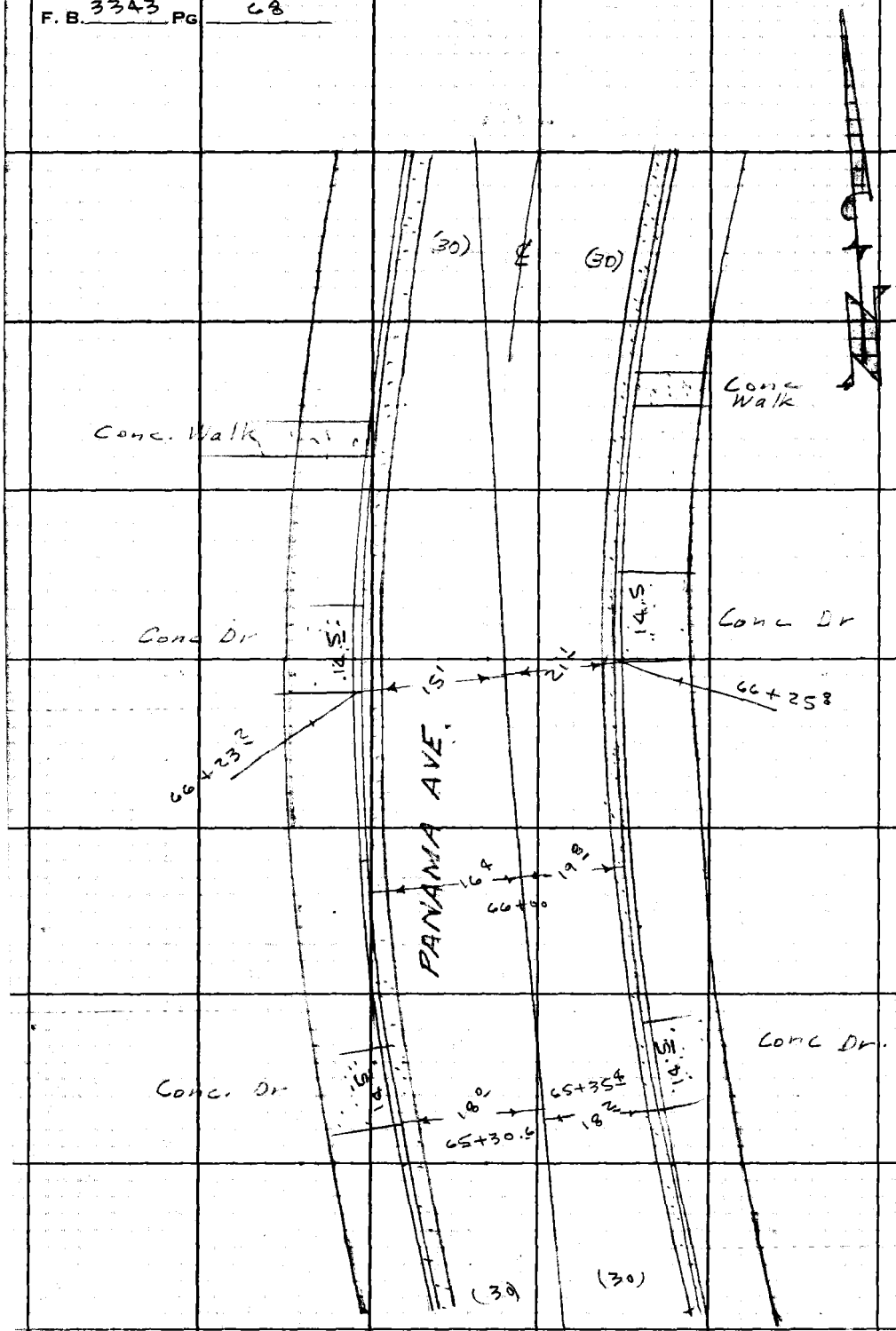
76F309S CE#310 1-65

TO BOTT. OF PG. 69

F. B. 3343 PG 68



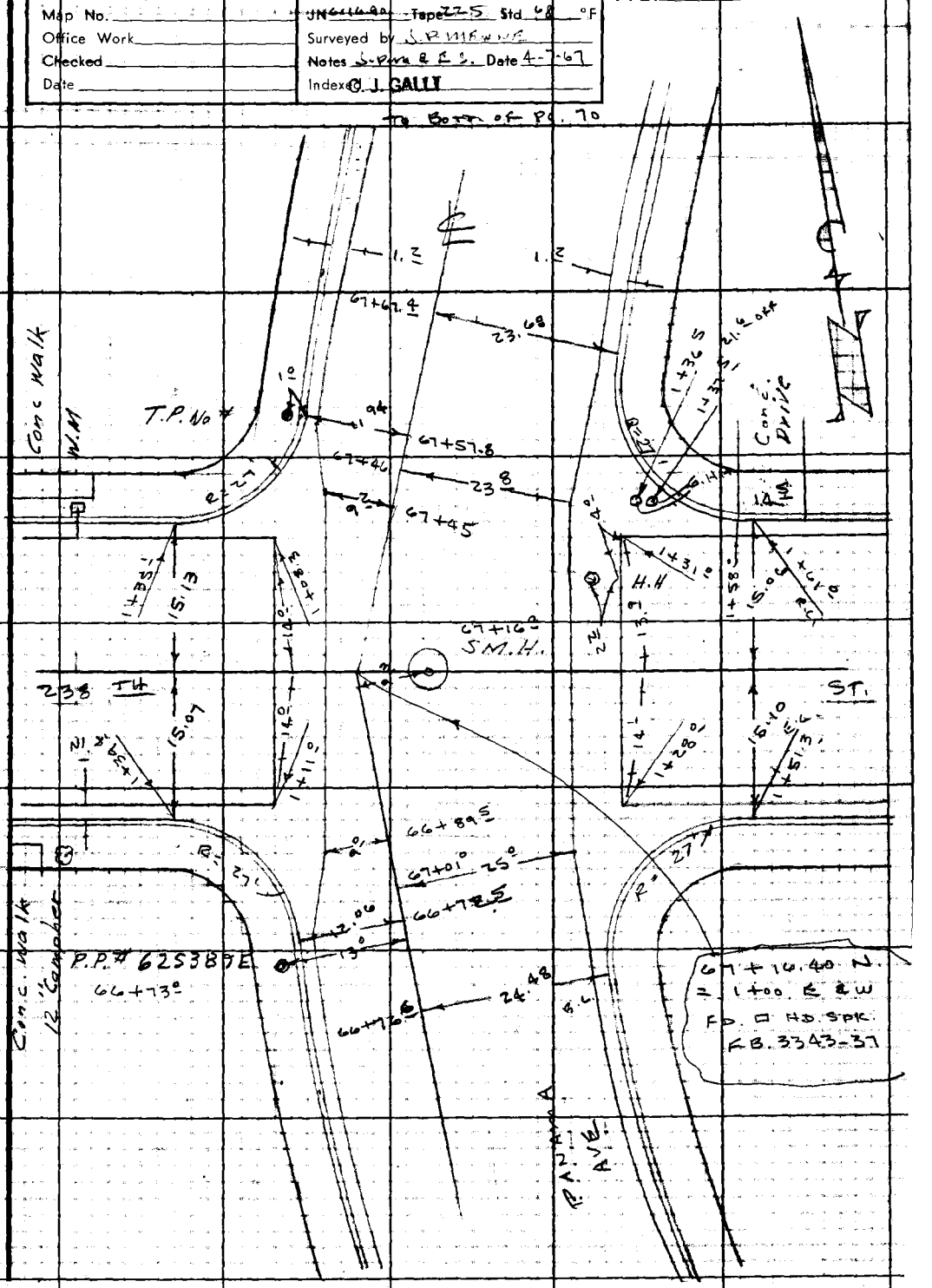
TO TOP OF PG. 67

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	Survey of PANAMA AVE. SD
Map No.	JN 6116.80 Tape 225 Std 68 °F
Office Work	Surveyed by J.R. MEWNE
Checked	Notes S-Pm & E.S. Date 4-7-67
Date	Indexed C. J. GALLY

F. B. 3343 PG. 69



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.

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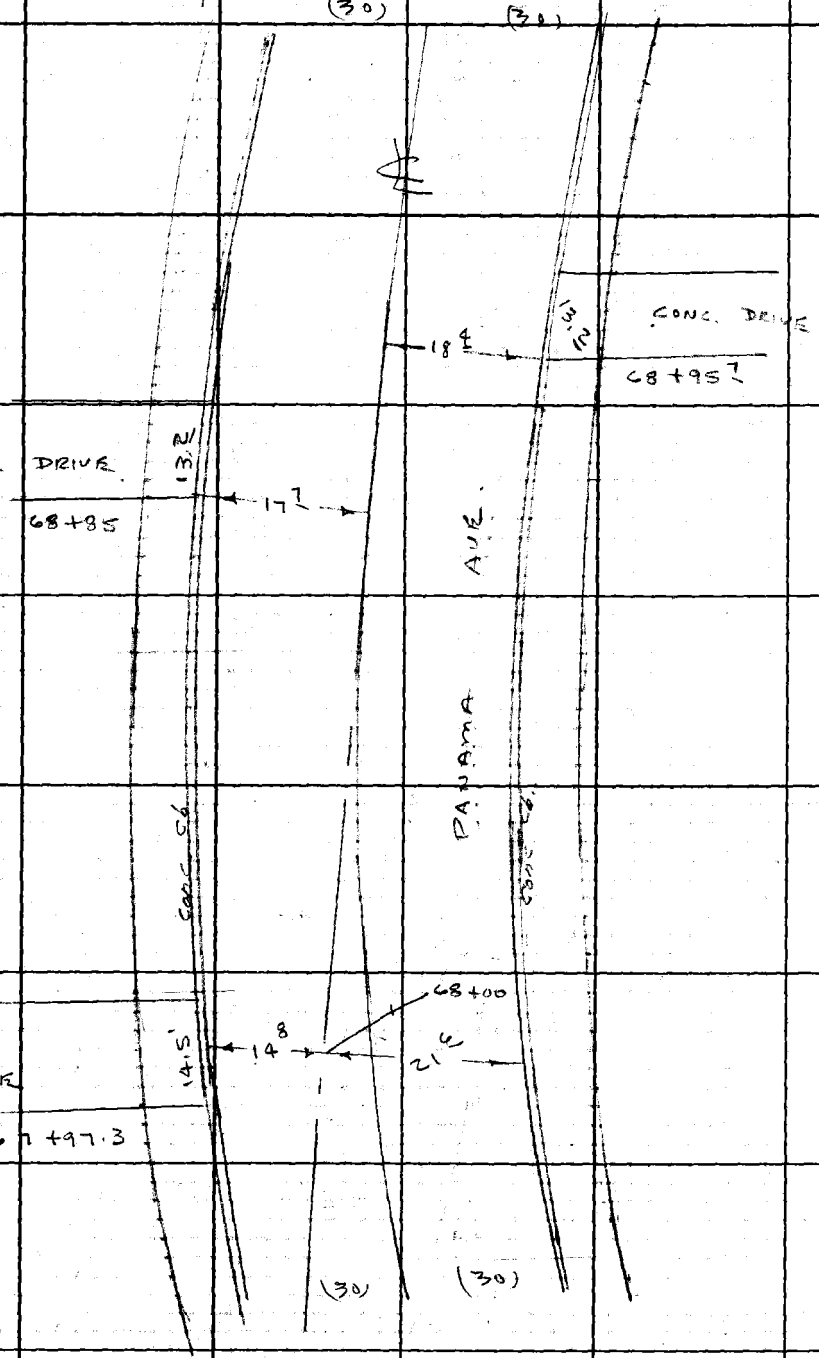
76F309S CE#310 1-65

TO BOTT. OF PG. 71

F. B. 3343 PG 70



TO TOP OF PG. 69

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.

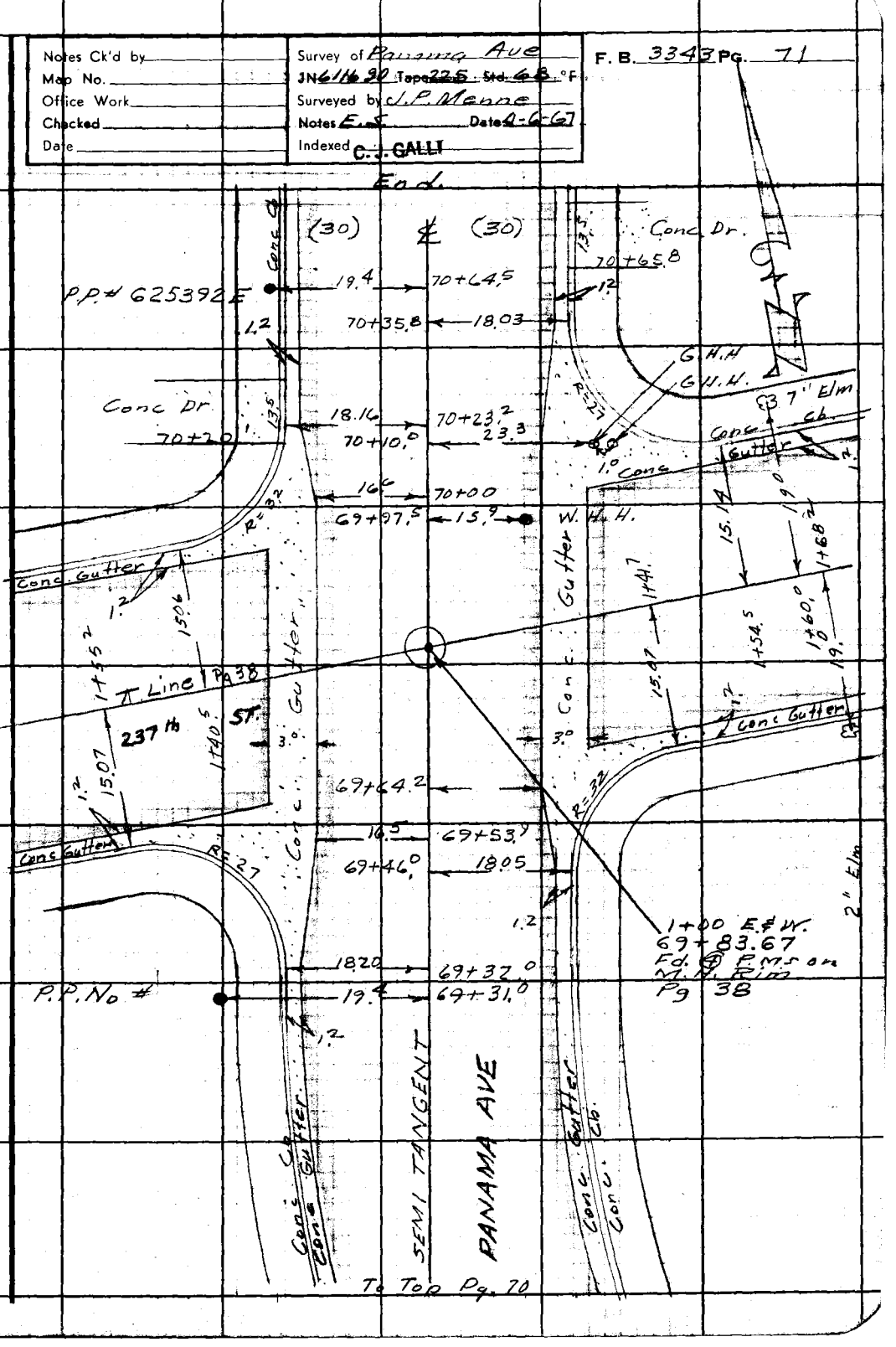
Notes Ck'd by	Survey of Panama Ave
Map No.	JN 6/16/90 Tape 22.5 Std. 68 °F
Office Work	Surveyed by J.P. Menne
Checked	Notes E.S. Date 4-6-67
Date	Indexed C. J. GALLI

F. B. 3343 Pg. 71

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.



78F309S CE#310 1-65

F. B. 3343 PG 72

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. 3343 PG. 73

Profile No.	Notes Red	Plotted	Job No. 6116.90	Division No.	
	Date	Date	Survey of PANAMA AVE		
X-Sec. No.	Notes Chkd	Checked	Survey by J.P. MENNE	Notes E.S.	Date 3-20-67
	Date	Date	Map No.	Indexed D. J. GALLI	Date APR 21 '67

PANAMA AVENUE

STORM DRAIN PROJECT

Nº 690

J.N. 6116.90

J.P. Menne
E. Shoemaker
V. Lieber
R. Rodriguez

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

76-1-298 CE 307 2-63

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
BM SD 1120				26.78	BM, S.D. 1120; El. 26.784 FB. 3343-12	
					LOMITA BLVD. 360 ± W. of FRIGATE AVE.	
					On N. curb. 1 ft. E. of E. end of S.D.	
					headwall. Bt. Spk in lead on cb.	
1+00				26.50		0.3 R Top Cb
				25.88		0.5 R Bot Cb
				26.02		2.3 R Edge gutter
1+10.3				14.8	7.6 L Brk Bot Conc. Box Drain	
				26.29	15.6 L Top conc wall	
				22.99	15.6 L Top inside Box Drain	
				14.80	15.6 L Bot " " "	
1+18.0				22.55	22.9 L Top conc wall	
				17.54	22.9 L F/L "	
				17.4	23.0 L Gnd.	
1+26.7				27.1	16.0 L Gnd	
				22.53	23.0 L Top conc. wall & Gnd.	
				21.0	23.1 L Gnd.	
2+00				30.61		0.3 R Top Cb
				30.00		0.5 R Bot Cb
				30.13		2.3 R Edge Gutter.
1+01.0 W				10.5	6.8 L Bot. Conc. Box Drain Brk	

F.B. 3343 PG. 74

Survey of Panama Ave. S.D. Job No. 6116.90 Division No. Notes Red Plotted Profile
Survey by S.P. Meune Notes E. Shoemaker Date Date No. X-Sec.
Indexed C. J. Galli Date Notes Chkd. Checked Date No.

76-1-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
				10.5		7.7 R Bot Conc Box Dr.
1+10 W				14.7		14.7 R " " " "
				26.26		15.7 R Top Conc. Wall
				22.96		15.7 R Top inside Box Drain
				14.76		15.7 R Bot. " " "
1+16.8				22.23		22.7 R Top Conc Wall
				17.53		22.7 R F/L "
				17.8		22.8 R Gnd.
1+25.0				26.3		12.5 R Gnd.
				21.7		22.0 R Gnd
				22.20		22.8 R Top Conc Wall
				20.7		22.9 R Gnd.
1+45				25.0		23.0 R Gnd.
2+00				24.95	0.3 L Top Cb	
				24.34	0.5 L Bot Cb	
				24.44	2.3 L Edge Gutter.	
1+40 N				17.6	10 L Bot Brk	
				17.0	22 L Gnd.	
				17.5	35 L Bot Brk	
				23.0	57 L Top Brk	
				29.4		8 R Top Brk

Profile No. X-Sec. No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 6116.90
Survey of PANAMA AVE
Survey by J.P. MENNE
Map No.
Division No. S.D.
Notes E.S. Date 3-20-67
Indexed C.J. GALLI Date
F.B. 3343 PG. 75

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
2+00				23.3		T/L Side Slope
				29.7	(Top of Dyke)	10.3 R Top Brk
				17.7	12° L Bot Brk	
				16.3	28.5 L Bot Brk	
				28.6	45 L Top Brk	
3+00				22.2		T/L Side Slope
				29.5	Top of Dyke	12.3 R Top Brk
				17.5	9.5 L Bot Brk	
				17.0	35.5 L " "	
				28.6	55 L Top Brk	
4+00				19.7		T/L Side Slope
				29.4		15.0 R Top Brk
				16.8	5.0 L Bot Brk	
				16.3	20° L Bot Brk	
				30.0	42° L Top Brk	
4+60				17.2		T/L Bot Brk
				29.5		19° R Top Brk
				16.6	17° L Bot Brk	
				20.3	22° L Brk side slope	
				25.5	32° L Top brk	
4+66°				18.70		0.5 R Inv. 6" I.P. Drain

Profile
Plotted
Date
No.
X-Sec.
Checked
Date
No.
Notes Red
Date
Notes Chkd.
Date
Division No. 11
Job No. 6116.90
Survey of PANAMA AVE S.D.
Survey by J.P. MENNE Notes E. SHOEMAKER
Indexed C. J. GALLI Date
K.B. 3343 Pg. 76

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
4+72.0				16.6		T/L Bot Brk
				29.5		18.5 R Top Dyke
5+20				17.3		T/L Bot Brk
5+50				20.2		T/L Side slope
				17.4		15.0 R Bot Brk
				17.4		26.6 R Bot Brk
				22.8		50.0 R Brk.
				23.7		75.0 R Brk
				28.5		85 R Top
				24.7	26° L Top Brk	
5+69.4				20.4		38° R Top 11" Pipe
5+80.6				20.6		29° R " " "
6+00				25.1		
				22.4		17.5 R Brk
				19.4		26.2 R Brk
				18.2		39.2 R Bot Brk
				18.7		75° R " "
				27.9		90° R Top Brk
				26.1	11° L Brk	
				30.0	21° L Top Brk	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6116.90 Division No. 11 F.B. 3343 Pg. 77
Date ____ Date ____ Survey of Panama Ave S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.P. Monroe Notes E.S. Date 3-28-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
6+20.1				24.1		T/L
				31.1		T/L Top 6" I.P.
				—	100 ft Rt along pipe line	
				30.15	Top of 6" I.P.	
				—	50 ft Lft. along pipe line	
				31.3	Top of 6" I.P.	
6+37				23.3		T/L
6+53				21.0		T/L
6+85				21.4		T/L
7+00				23.2		T/L
				22.0		36.5 R Brk
				17.8		68 R Bot Brk
				20.2		86 R Brk
				26.3		100 R Top Brk
				23.0	25° L Brk	
				26.1	60 L Slope	
7+38°				24.5		T/L Brk
7+54°				32.9		T/L Top Brk
7+64				32.8		T/L Top Brk.
8+00				30.13		T/L
				24.6		9° R Brk

F.B. 3343 Pg. 6 78

Job No. 6116.90 Division No. 11 Notes Red Plotted Profile

Survey of Panama Ave. S.D. Date Date No. X-Sec.

Survey by J.P. Menne Notes E. Shoemaker Notes Chkd. Checked

Indexed C.J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
8+00				23.1		24.6 R Brk
				20.6		33° R Brk
				18.8		73° R Brk
				17.9		75° R Bot Brk
				17.9		80° R " "
				19.0		82° R Brk
				20.6		91° R Brk
				26.3		100° R Top Brk
				32.7	4.5 L Top Brk Top of Dyke,	
8+01.0				22.5		22.5 F/L 3" I.P.
9+00				21.58		T/L
				19.9		9° R Top bank
				18.3		11 R Bot brk
				18.3		18 R " "
				26.3		38 R Top. brk
				26.5		50 R gnd.
				23.6	5° L Brk	
				25.2	15° L Brk	
				32.9	29° L Top of Dyke	
9+16°				20.6		T/L Top Brk
9+23.5				19.7	3° L Top 2½" I.P.	
9+27°				18.5		T/L Bot Brk

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. 11 F.B. 3343 Pg. 79
X-Sec. No. ____ Date ____ Date ____ Survey of Panama Ave S.D.
Notes Chkd. ____ Checked ____ Survey by L.P. Menne Notes E.S. Date 3-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
9+39°				17.7		T/L Bot Brk
9+58.5				19.6	4.5 L Top 2½" I.P.	
9+93				25.3		T/L Top Brk
10+00				25.4		T/L
				26.9		25 R Gnd
				27.5		50 R "
				25.4	2 L Top Brk	
				18.5	16.5 L Bot	
				18.4	21.5 L Bot	
				21.8	29.0 L Brk	
				32.5	47 L Top Dyke	
10+12.5				23.1	L Inv. 4" Gate Valve.	
10+91				23.3		T/L Toe of slopes
				25.6		9° Toe of slope to E
				26.3		50° " " " " "
11+00				25.8		T/L
				20.6	9.5 L Brk	
				18.5	10° L Bot Brk	
				18.5	20 L Bot Brk	
				24.4	29.5 L Brk	
				33.0	49° L Top Dyke	
11+03.°				25.8		T/L

F. B. 3343 Pg. 80
Job No. 6116.70 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Panama Ave. S. D. Date ____ Date ____ No. ____
Survey by L.P. Menge Notes E. Shoemaker Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C.J. GALLI Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
11+03 0				31.3		8° R Top Con Dyke
				31.3		50° R "
11+16 0				33.3	50' L	Top Con Dyke
11+28				27.1	43' L	Lower " "
11+31				27.3	17' L	Top 4" I.P. Bridge & Bot Pipes
11+31.3				24.5	17' L	Top 3" I.P.
[illegible]				18.5	17' L	Bot ditch.
12 +00				27.6		T/L
			31.1? →	11.1		7.4 R Top Dyke
				19.2	14' L	Bot Brk
				19.3	21.1' L	Bot. Brk
				28.5	24.6 L	Top Dyke
12+81 4				30.46	30 L	Top Conc Wing Wall
				28.5	30 L	Dirt.
12+82 4				29.9	34.2 L	"
				30.51	34.2 L	Top Conc Wing wall
12+83.7				30.47	5.4 L	" " " "
12+84.7				30.52	18.8 L	Top " " "
				18.55	18.8 L	Inv. 6.00 Conc Pipe Drain
				30.53	31.7 L	Top Conc Wing Wall

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 611690 Division No. 11 F.B. 3343 Pg. 81

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Panama Ave S.D. Survey by J.R. Mann Notes E.S. Date 3-28-67

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

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F.B. 3343 PG. 82 | Job No. 6116.90 | Division No. 11 | Notes Red ____ | Plotted ____ | Profile ____
Survey of Panama Ave S.D. | Date ____ | Date ____ | No. ____ | X-Sec. ____
Survey by J.P. Maurer | Notes E. Shoemaker | Notes Chkd. ____ | Checked ____ | No. ____
Indexed G.J. GALL | Date ____ | Date ____ | Date ____

STATION	B.S.	H.I.	F.S.	ELEV.		
12+83.7 tok				31.0		5° R End Top Dyke
12+85°				30.1		5° R Gnd.
13+00				30.3	T/L	
				30.8		50° R Gnd
				30.3	50° L Gnd.	
13+16.8				31.70	17.4 L Top Conc	C.B.
					Top 31.70	
					-Rod 12.35	
				19.35	Inv. 6" Conc Dr. 19.35	
13+20.4				31.70	21.1 Top Conc	C.B.
					Top 31.70	
					-Rod 11.16	
				20.54	Inv 3" Conc Dr. 20.54	
13+21.6				31.70	17.5 L Top Conc	C.B.
					Top 31.70	
					-Rod 12.79	
"				18.91	Inv. 6.2 Corr. I.P. 18.91	
"				29.20	17.5 L F/L pumt	@ C.B.
13+22.1				30.47	9.9 L Top premix pumt	
				29.41	13.0 L Bot "	"
				29.25	19.6 L " "	"
				30.76	24.3 L Top "	"
13+61.3 = 1+00.5				31.05	Int. T/L & ℄ Main St.	

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STATION	B. S.	H. I.	F. S.	ELEV.		
					Main St. South.	
1+00 S				30.85		10 R W/4
				30.76		20 R Edge Conc.
				30.6		25' R F/L
				30.8		27' R E.P.
				31.3		40 R P/L
				31.06	10 L W/4	
				30.75	20 L Edge Conc	
				30.3	25 L F/L & E.P.	
				31.35	33.9 L Ctr walk	
				30.2	40 L P/L	
2+00 S				32.41		℄
				32.34		10 R W/4
				32.15		20 R Edge Conc
				31.90		25 R F/L
				32.5		27 R E.P.
				32.7		40 R P/L
				32.30	10 L W/4	
				32.23	20 L Edge Conc.	
				31.9	25 L F/L	
				32.30	34 L Ctr walk	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6116.90 Division No. 11 F.B. 3343 Pg. 83
X-Sec. No. ___ Date ___ Date ___ Survey of Panama Ave S.D.
Notes Chkd. ___ Checked ___ Survey by J.P. Menne Notes E.S. Date 8-28-67
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

76-L-298 CE 307 2-63

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F.B. 3343 Pg. 84 | Job No. 6116.90 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of Panama Ave S.D. | Date | Date | No.
Survey by J.D. Menne Notes E. Shoemaker | Notes Chkd. | Checked | X-Sec.
Indexed C. Gall | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		
				32.7	40 L P/L	
3+00 S				34.30		℄
				34.15		10 R W/4
				33.95		20 R Edge Conc Pvmt
				33.8		25 R F/L
				33.8		27 R EP
				34.4		40 R P/L
				34.15	10 L W/4	
				33.95	20 L Edge Conc	
				33.6	25 L E.P. & F/L	
				34.50	34 L Ctr walk	
				34.8	40 L P/L	
					Transit Line E	
13+92.°				30.9	16.5 L Premix pvmt	
				29.41	18.7 L Inv 12"x18" Conc. I.P. Drain	
				30.9	21.° L Premix Pvmt	
13+93.°				30.93	18.7 L Premix walk	
13+98.°				30.76	19.° L "	"
14+00.°				30.68	15.° L Premix pvmt	
				28.66	19.° L Inv 12"x18" Conc. I.P. Drain	
				30.67	23° L Premix Pvmt.	

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STATION	B. S.	H. I.	F. S.	ELEV.		
14+01.32				30.2	Apt Transit Line	
14+20.3				20.18		T/L Inv. 6.2 Corr. I.P. Dr
				28.66	0.8 L Top 18" Corr.	I.P. & F/L
				30.0		3.1 R Edge premix
14+58				30.97	40° L ℄ Pumt.	
15+00				31.3		T/L
				30.1		8° R Brk
				31.85	7.1 L Ctr walk	
				31.10	15 L E.P. & F/L	
				31.40	20 L Edge conc pumt	
				31.58	30 L w/4	
				31.67	40 L ℄	
				31.54	50 L w/4	
				31.44	60 L Edge Conc pumt	
				31.4	65 L F/L	
				31.6	67 L E.P.	
				31.5	80 L P/L	
15+52.8				32.21	14.6 L S.M.H. Rim	Trunk line unable
					to get invert.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. 11 F.B. 3343 PG. 85
Date ____ Date ____ Survey of Panama Ave S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.P. Menne Notes E.S. Date 3-28-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
15+77.5				32.10	14.4 L S.M.H. Rim	
				16.88	Inv CTr M.H.	32.10
					Inv. Inlet N.	15.22
					" Outlet W.	16.88
15+77.5				32.13	74° L S.M.H. Rim	
				16.80	Inv. Ctr M.H.	32.13
					Inlet E	15.33
					Outlet S	16.80
16+00				31.5	T/L	
				32.9	7' L Ctr Walk	
				32.25	15 L F.L. & E.P.	
				32.57	20 L Ed. Conc Pumt	
				32.80	30 L W/4	
				32.95	40 L ℄	
				32.81	50 L W/4	
				32.58	60 L Ed. Conc pumt.	
				32.15	67 L F/L	
				32.9	80 L P/L	
17+00				33.6	T/L	
				32.7		5° R Brk
				34.50	6² L Ctr Walk	

F.B. 3343 Pg. 86

Job No. 6116.90 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of Panama Ave. S.D. Date ____ Date ____ No. ____

Survey by J.P. Menne Notes E. Shoemaker Notes Chkd. ____ Checked ____ X-Sec. ____

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
17+00				33.51	14 L	E.P. & F/L
				33.70	20 L	Edge conc pumt.
				33.95	30 L	W/4
				34.11	40 L	℄
				33.94	50 L	W/4
				33.77	60 L	Edge conc pumt
				33.7	66 L	F/L. & E.P.
				34.8	80 L	P/L
17+ 86.12 =				35.16		∠ PT ⊼ Line P/L N. (Pg -46)
1+00 N along		P/L		34.8		7° R Brk.
				35.2	4.8 L	Ctr. Walk
				34.9	14.0 L	F/L. & E.P.
				34.74	20° L	Ed. conc pumt.
				35.05	30 L	W/4
				35.23	40 L	℄
				35.07	50 L	W/4
				34.80	60 L	Ed. Conc Pumt
				34.8	66 L	F/L & E.P.
				36.3	80 L	P/L
1+ 63'				35.75		P/L
				35.80		6.8 R E.P.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. 11 F.B. 3943 PG. 187
Date ____ Date ____ Survey of Panama Ave. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.P. Menna Notes E.S. Date 3-28-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
				35.14	14 L	F/L
				35.44	20 L	Ed. Conc. pumt.
				35.74	30 L	W/4
				35.90	40 L	℄
				35.77	50 L	W/4
				35.56	60 L	Ed. Conc pumt
				35.40	66 L	F/L
				36.9	80 L	P/L
2+50				37.0		P/L
				37.05	62 L	
				36.0	14° L	F/L & E.P.
				36.50	20° L	Ed. conc
				36.71	30 L	W/4
				36.90	40 L	℄
				36.85	50 L	W/4
				36.67	60 L	Ed. Conc pumt
				36.4	66 L	F/L
				38.0	80 L	P/L
2+19.5'				35.85	14.4' L.	Rim EL. CTR. SEWER M.H. PG. 49
				18.77	"	F.L. CTR. S.M.H. (-17.08)

F.B. 3343 PG. 88
Job No. 6116.90 Division No. 11 Notes Red Plotted Profile
Survey of Panama Ave. S.D. Date Date No.
Survey by J. P. Menne Notes E. Shoemaker Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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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.

31.27 OIL WELL BASE

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
17+86.12				35.16	4 PT. T. Line	E. (Pg. 40)
18+22				33.5	15° L Top SW	Cor Ditch
				35.4	50° L " N.W.	" "
18+30.6				29.48	16.3 L Top S.W	Cor Conc Apron
				29.56	41° L Top NW	" " "
18+42.0				20.91	29.5 L Inv 6.2	Corr. I.P. Drain
18+54.0				28.00	42.3 L To. N.E.	Cor Conc Apron
18+54.5				22.80	31.2 L Ed. conc	apron Brk
18+54.7				22.80	27.2 L " "	" Brk
18+55.3				28.55	16° L Top S.E	Cor Apron.
18+56				32.8	10 L Top bank	
				34.7	50 L " "	
19+00				32.5		T/L
				30.8		100' R
				30.0		200' R
				30.0		300' R
				30.5		375' R
				31.4		400' R
				33.2	10 L TOP BANK	
				24.6	20 L Toe of slope	
				22.2	28 L Ctr dirt drain	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6116.90 Division No. 11 F.B. 3343 Pg. 89
X-Sec. No. ____ Date ____ Date ____ Survey of Panama Ave. S.P.
Notes Chkd. ____ Checked ____ Survey by L.P. Nevine Notes E.S. Date 3-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
19+00				25.2	35° L Toe of slope	
				34.1	44° L Top of bank	
				35.52	59° L Edge pumt	
19+42				31.27		156 R Av. Oil well base.
20+00				32.8		T/L
				31.4		68 R
				31 0		100 R
				30.5		200 R
				30.5		300 R
				31.2		400 R
				33.1	6° L. Top bank	
				25 2	17° L Toe of slope	
				23 4	23° L ctr dirt ditch	
				24.4	29° L Toe of slope	
				34.7	42° L Top of bank	
				34 90	57° L Edge pumt.	
21+00				32.4		T/L
				31.5		60 R
				30.5		150 R
				30.3		200 R
				31.0		300 R

F.B. 3343 PG. 90

Job No. 6116.90 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of PANAMA AVE S.D. Date ____ Date ____ No. ____ X-Sec. ____

Survey by J.P. MENNE Notes E. SHOEMAKER Notes Chkd. ____ Checked ____ No. ____

Indexed C. J. GALLI Date ____ Date ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
21+00				31.9		400 L
				31.9		430 L
				32.1	8° L Top of bank	
				24.1	19° L Toe of slope & F/L	
				26.1	31 L Toe of slope	
				34.0	41 L Top of bank.	
				34.34	54 L Edge pumt.	
22+00				32.0	T/L	
				31.2		74 R
				30.8		164 R
				31.0		250 R
				31.6		340 R
				32.2		400 R
				31.6	10 L Top of bank	
				25.3	18 L Bot. drain	
				25.3	28 L " "	
				31.3	37 L Top of bank	
				33.50	54 L Edge of pumt	
23+00				32.6	T/L	
				31.6		100 R Grd
				31.0		220 R "

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6116.90 Division No. Survey of PANAMA AVE S.D. Survey by J.P. MENNE Notes E.S. Date 3-31-67 Map No. Indexed C.J. GALLI Date

F.B. 3343 Pg. 91

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
23+00				31.7		300 R Gnd
				32.7		400 R "
				32.1	12 L	Top of bank
				25.7	20 L	Bot of drain
				25.7	25 L	" " "
				25.8	31 L	Toe of slope
				30.9	39 L	Top of bank
				32.70	63 L	Edge pvmt.
23+70						T/L
				31.9	10 L	Top bank
				25.3	21 L	Bot of drain
				25.3	26 L	" " "
				30.5	40 L	Top bank
				32.04	66 L	Edge pvmt.
				32.1	88 L	Brk in grade.
				22.41	184 L	Bot Loading Ramp.
24+00				32.0		T/L
				32.2		100 R
				31.3		200 R
				32.1		300 R
				32.5		400 R

F.B. 3343 Pg. 92

Job No. 6116.90 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE S.D. Date Date No. X-Sec.
Survey by N.P. MENNE Notes E. SHOEMAKER Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.				
24+00				31.8	8° L	Top bank		
				26.4	18° L	Bot of drain		
				26.4	30° L	" " "		
				29.8	39° L	Top of bank		
				31.3	50 L	Brk		
				31.75	65 L	Edge of pvmt.		
25+00				31.6		T/L		
				32.1			70 R	Gnd
				31.7			140 R	"
				31.5			260 R	"
				32.7			380 R	"
				33.5			400 R	"
				31.6	5 L	Top Bank		
				26.3	14 L	Bot Drain		
				26.3	19 L	" "		
				27.0	28 L	Toe of slope		
				31.2	54 L	Top of bank,		
				31.25	63 L	Edge of pvmt.		
26+00				31.3		T/L		
				32.2			100 R	Gnd.
				32.0			200 R	"

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 611690 Division No. ____ Survey of PANAMA AVE S.D. Survey by J.P. MENUE Notes E.S. Date 4-3-67 Map No. ____ Indexed C. J. GALLI Date ____

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

F.B. 3343 Pg. 93

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.			
26+00				33.0			300 R Gnd
				33.7			400 R "
				31.3	11 L	Top of bank	
				27.5	18 L	Bot of drain	
				27.5	24 L	" " "	
				27.7	35 L	Top of slope	
				30.6	55 L	Gnd.	
26+36.0				31.2			T/L
				31.2	22 L	Top of bank	
				28.7	29 L		
				28.7	34 L		
				26.9	38 L		
26+41.22				31.2			T/L 4pt
26+74.01				28.7			T/L 4pt
26+78.0				28.60			T/L
				28.62	0.5 L		
				26.82	3.2 L		
				26.82	18.6 L		
				28.63	21.3 L		
				29.3	45.5 L		
26+95.6				27.10	18.6 L	Inv. 12" Conc Drain	

F.B. 3343 Pg. 94

Job No. 611696 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE. S.D. Date Date No. X-Sec.
Survey by J.P. MENNE Notes E. SHOEMAKER Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
26+95.6				27.07	22.6 L Inv 12" Conc. Drain	
27+00				28.8	T/L	
				31.1		11.0 R Top bank
				32.4		100° R Gnd.
				32.5		220 R "
				33.7		320 R "
27+05.0				27.8	116° L Ctr drainage ditch	
27 ± 11°				28.3	216° L Ctr drainage ditch	
27 +43°				28.6	T/L	
				28.6		2 R Toe of slope
				31.0		7 R Top of bank
				32.4		47 R Gnd.
				32.6		95 R Brk
				35.9		140 R Brk
27+30 O.K.				32.6		140' R. TOP BANK
27+51				34.7		95' R " "
27+52.2				28.4	T/L	
				28.8		7' R TOE S.
				31.4		31.4 TOP.
				32.7		33.3 TOP @ FN. COR

Profile No. ____ Notes Red ____ Plotted ____ Job No. 611690 Division No. 11 F.B. 3343 Pg. 95
Date ____ Date ____ Survey of PANAMA AVE S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J. D. MENNE Notes E.S. Date 4-3-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F.B. 3343 Pg. 96 | Job No. 6116.90 | Division No. | Notes Red | Plotted | Profile
Survey of PANAMA AVE S.P. | Date | Date | No.
Survey by J.P. MENUE | Notes E. SHEMAKER | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.				
28+00				28.8			T/L	
				29.2			13° R	Brk
				31.7			22° R	Brk
				32.9			33° R	Fn.
				28.77	0.5 L	Top	drain	
				26.90	3.2 L	Bot	"	
				26.90	18.2 L	"	"	
				28.67	20.9 L	Top	"	
				28.6	23 L	Brk		
				31.5	33 L	Brk.		
29+00				28.9			T/L	
				32.2			5 R	Brk
				33.9			33 R	Brk
				28.96	0.5			
				27.09	3.2			
				27.17	18.2			
				29.1	21.0			
				33.1	31			
29+39				29.1			T/L	
				33.2			4 R	3
				33.3			34 R	

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STATION	B. S.	H. I.	F. S.	ELEV.		
29+39				29.08	0.5 L Top drain	
29+62.6				29.03	21.3 L Top drain	
29+62.9				27.25	18.3 L Bot drain	
29+63.7				27.24	3.2 L " "	
29+64.0				29.20	0.5 L Top drain	
				33.2		4 R Top bank
30+00				34.5		3 R
				29.65	5.5 L Top drain	
				27.30	8.5 L Bot drain	
				27.27	23.4 L " "	
				29.05	25.8 L Top drain	
				29.8	29.2 L Brk	
				32.8	39.2 L Brk	
30+36.7				27.42	29.8 L BOTT. DRAIN	
				29.10	31.8 L TOP DRAIN	
				30.8	35.8 L TOP BRK.	
				32.8	45' L	
30+34.3				30.28	9.7' L TOP DRAIN	
				27.37	13.7' L BOTT. DRAIN	
30+35.0				34.3		T/L
				30.6	6.0 L Brk	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. 11 F.B. 3343 Pg. 97
Date ____ Date ____ Survey of Panama Ave. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.P. Menne Notes E.S. Date 4-3-61
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
30+35				34.5		3.0 R Fn.
30+98.1				35.2	T/L	4 pt.
					This section taken on split of chord of top bank See pg 53	
				27.44	Chord Line	
				27.42		6.7 R Bot Drain
				30.44		10.4 R Top "
				31.2		13.5 R Brk
				27.48	8.5 L Bot Drain	
				29.17	11.2 L Top Drain	
				31.2	14.7 L Fn.	
				31.4	25 L. Gnd.	
31+55.5				31.9	T/L	
				34.7		6.0 R Fn
				31.1	2.0 L Brk	
				30.31	9.0 L Top Drain	
				27.53	12.7 L Bot Drain	
31+60.3				27.49	28.3 L Bot Drain	
				29.19	31.0 L Top Drain	
				30.7	34.5 L Brk. Fn.	
				31.0	45.5 L gnd.	

F.B. 3343 Pg. 98

Job No. 6116.90 Division No. 11 Notes Red Plotted Profile

Survey of Panama Ave SD Date Date No. X-Sec.

Survey by J.P. Menne Notes E. Shoemaker Notes Chkd. Checked No.

Indexed C. J. GALLI Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
32+35.4				29.4		T/L
				31.7		6 R
				29.38	0.6 L Top drain	
				27.50	3.3 L Bot "	
32+36.8				27.60	18.3 L " "	
				29.40	21.0 L Top "	
				30.4	24.5 L Fn Brk	
				30.6	34.5 L	
33+00				29.4		T/L
				30.5		6 R
				29.37	0.6 L Top drain	
				27.65	3.3 L Bot "	
				27.65	18.3 L " "	
				29.49	21.0 L Top "	
				30.3	24.5 L Fn	
				30.6	34.5 L	
34+00				29.4		T/L
				29.9		6 R Fn
				29.55	0.6 L Top drain	
				27.80	3.3 L Bot "	
				27.81	18.3 L Bot "	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. 11 F.B. 3343 Pg. 99
Date ____ Date ____ Survey of Panama Ave. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.P. Menne Notes E.S. Date 4-3-61
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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29.87 turn Sta 35

STATION	B.S.	H.I.	F.S.	ELEV.		
34+00				29.60	21° L Top drain	
				29.9	34.5 L Brk.	
				30.65	35.5 L Top edge pvmt.	
34+77.5				28.10	(Invert 9" GV)	3.5 R Gate Valve
				28.50	2.7 L Inv 6"	Drain
34+79.5				27.30	(Inv 18" C. I.P. 5. End. Drain)	1.5 R End Drain
35+00				29.9		T/L
				30.6		6° R Fn
				29.87	0.6 L Top Conc	Drain
				28.09	3.3 L Bot "	"
				28.07	18.3 L " "	"
				29.90	21° L Top "	"
				30.6	34.5 L Brk	
				31.40	35.5 L Top edge pvmt	
36+00				30.1		T/L
				32.1		6' R. Fn
				30.05	0.6' L. Top Conc. Drain	
				28.20	3.3 L Bott. " "	
				28.20	18.3 L " " "	
				30.07	21' L Top " Drain	
				31.6	34.5' L Brk.	

F.B. 3343 Pg. 100

Job No. 6116.90 Division No. 11 Notes Red Plotted Profile

Survey of Panama Ave SD Date Date No. X-Sec.

Survey by J.P. Menne Notes E. Shoemaker Notes Chkd Checked

Indexed C. J. GALLI Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
36+00				31 96	35.5' L	TOP CB.
				31 46	36' L	ED. PUM'T. (CONC)
37+00				30 2		T/L
				34 6		6' R. TOP BRK @ FN.
				30 18	0.6' L	TOP DRAIN
				28 35	3.3' L	BOT "
				28 40	18.3 L	" "
				30 15	21' L	TOP "
				32 5	34.5' L	BRK.
				32 55	35.5' L	TOP CB.
				32 05	36' L	PUM'T (CONC)
38+00				30 4		T/L
				35 5		6' R BRK. @ FN.
				30 35	0.6' L	TOP DRAIN
				28 50	3.3' L	BOTT "
				28 40	18.3' L	" "
				30 30	21' L	TOP "
				32 8	34.5' L	BRK.
				32 40	35.5' L	TOP CB.
				31 90	36. L	PUM'T
38+10				29 39	21' L	DRAIN ON CB. LN

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
No. ____ Date ____ Date ____ Survey of PANAMA AVE SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 4-4-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLE Date ____

F.B. 3343 PG. 101

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.			
39+00				30 53			T/L
				33 2			6' R. BRK. FN. LN.
				30 47	0.6' L	TOP CONC DRAIN	
				28 60	3.3' L	BOTT "	
				28 57	18.3' L	BOTT "	
				30 46	21' L	TOP "	
				33 0	34'5' L	BRK. @ FN.	
40+00				30 8			T/L
				32 4			6' R. BRK. FN LN.
				30 82	0.6' L	TOP DRAIN	
				28 99	3.3' L	BOTT "	
				28 95	18.3' L	" "	
				30 78	21' L	TOP "	
				33 2	34'5'	BRK @ FN.	
40+56				31 28	0.6' L	TOP DRAIN @	∡ PT.
				29 41	3.3 L	BOTT. "	
				29 54	18.3 L	" "	
				31 35	21' L	TOP "	
40+75				34 04	41.7' L	CTR. SEWER M.H.	
						LINE RUNS	NO. & SO.

F.B. 3343 PG. 102

Job No. 6116.90 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE S.D. Date Date No. X-Sec.
Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked
Indexed C.J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
40 +86				31 72	@ TOP CONC. DRAIN T/L	
				29 87	2.3' L BOTT " "	
				29 84	13' L " " "	
				31 75	16.7' L TOP " "	
40 +92.6				33 2	24.5' L @ FN. COR	
40 +92.8				30 10	12.5' L BOTT. CONC. DRAIN	
				33 35	" L TOP " "	
40 +98				33 0		6.7' R. @ FN. COR
41 +00				33 6	50' L	
				33 9	100' L	
41+04.8				30 14		4.4' R BOTT. CONC. DRAIN END CONC. WALL
				33 63		" R TOP " "
41 +13				34 2	100' L TOE S. @ R.R. TRACK	
41 +22.2				30 32	4.1' L BOTT. CONC. DRAIN	
				34 35	4.1' L TOP WOOD RET. WALL @ DRAIN	
41 +24				30 43		6' R. BOTT. CONC. DRAIN
				34 42		6' R. TOP WOOD RET. WALL
				41 0	16' L TOP BANK	
				40 7	50' L " "	
41 +35				30 51	BOTT. CONC. DRAIN @ SO. FACE OF BRIDGE T/L	
				41 0		10' R TOP BANK

Profile Notes Red. Plotted Job No. 6116.90 Division No.
No. Date Date Survey of PANAMA AVE. S.D.
X-Sec. Notes Chkd. Checked Survey by MENNE Notes S.P.M. Date 4-4-67
No. Date Date Map No. Indexed C. J. CALLI Date

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STATION	B.S.	H.I.	F.S.	ELEV.		
41 + 41.5				42 25	TOP RAIL ON SANTE FE (SO. TRACK) RAILROAD	T/L
41 + 65				41 2		8' R TOP BANK
				41 0	7' L TOP BANK	
41 + 75				31 07		6.2' R BOTT. CONC DRAIN
				34 84		" " TOP WOOD RET. WALL
41 + 81.8				31 00	3.3' L BOTT. CONC. DRAIN	
				34 90	" " TOP WOOD RET. WALL	
41 + 82				33 4	50' L TOE S.	
				41 5	50' L TOP BANK	
42 + 00				34 1		T/L
42 + 10.2				32 88		6.2' R TOP CONC. CB
				31 43		" R. BOTT. " "
				31 08		39.7' R BOTT " "
				33 10		39.7' R TOP " "
42 + 19				34 3	2.5' L FN. COR.	
				34 2	40' L FN. LINE	
42 + 38				35 1	10' L FN. COR.	
42 + 44				32 88	TOP CB.	T/L
42 + 44.5				31 37	BOTT. CB.	T/L
42 + 63.8				31 45		9' L BOTT. CB.
"				32 92		9' L TOP. CB.

F.B. 3343 PG. 104 | Job No. 6116.90 | Division No. | Notes Red | Plotted | Profile
Survey of PANAMA AVE S.D. | Date | Date | No. | X-Sec.
Survey by J.P. MENNE | Notes J.P.M. | Notes Chkd. | Checked | No.
Indexed C. J. GALLI | Date | Date | Date | No.

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L R
9-19

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M.S.D. 1126				33 044	B.M.S.D. 1126	F.B. 3343-14
43+00				31 41		℄
				31 55	9' L. - BOTT CURB	
				32 85	9' L. TOP CB.	
				34 8	11' L TOP	
				31 15		16.5' R ED. GUTTER
				31 11		18.5 R BOTTOM CB.
				33 00		19' R TOP CB.
				35 4	—	58' R TOE S.
				39 7	—	76' R BRK.
				40 3	—	80' R BRK. @ TRACK BED
				41 39	—	91' R TOP SO. RAIL MAIN LINE
				39 1	—	100' R BRK.
				33 1	—	112' R. TOE S.
				31 1	—	135' R. BOTT.
43+29.8				31 52	2' L. CTR. S.S.M.H. —	INNER COVER BOLTED ON
					SEE PAGE	

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
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STATION	B. S.	H. I.	F. S.	ELEV.		
44 +00				31 58		℄
				31 65	9' L CUTTER	
				33 15	9' L TOP CURB	
				34 9	11' L. TOP	
				31 27		16.5' R. ED. GUTTER
				31 19		18.5 R. BOTT. CB,
				33 15		19.0 R. TOP. CB.
				33 0		60' R TOE S.
				37 6		74' R BRK.
				39 7		84' R BRK. @ TRACK BED
				40 40		91' R. TOP SO. RAIL MAIN LINE
				38 2		100' R BRK.
				34 7		112' R TOE S.
				31 0		135' R BOTT
44+33°				31 35		16.5 R ED. (X) GUTT.
44+36°				31 32		16.5 R CTR. (X) GUTTER
44+39°				31 35		16.5 R ED (+) GUTT.
44+61.5				31 57	9' L. ED. X GUTTER	
44+64.5				31 48	9' L CTR. X GUTTER	FLOW LN. OF DRAIN TO REALTY ST.
44+67.5				31 54	9' L ED. X GUTTER	
44+59°				35 60	10' L TOP CONC. BL. FLOOR	

F.B. 3343 PG. 106

Survey of PANAMA AVE. S.P. Job No. 6116.90 Division No. Notes Red Plotted Profile
Survey by J.P. MENUE Notes J.P.M. Date Date No. X-Sec.
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Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
44+66.2				31 60	121.8' L. F.L. DRAIN ON REALTY ST.	
45+00				31 62		℄
				31 83	9' L BOTT. CB.	
				33 25	9' L TOP CB.	
				35 8	11' L TOP GRO.	
				31 40		16.5' R. ED. GUTT.
				31 31		18.5 R BOTT. CB.
				33 27		19' R TOP CB.
				32 4		60' R. TOE S.
				37 2		74' R. BRK.
				39 0		84' R. BRK. @ TRACK BED
				39 65		91' R. TOP SO. RAIL MAIN LINE
				36 9		100' R. BRK.
				30 4		112' R TOE S.
				30 8		135' R BOTT.
46+00				31 86		℄
				32 07	9' L BOTT CB.	
				33 47	9' L TOP CB.	
				35 5	11' L TOP GRO.	
				36 8	14.8' L TOP	
				31 55		16.5' R ED. GUTT.

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____ F.B. 3343 Pg. 107
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STATION	B.S.	H.I.	F.S.	ELEV.		
46+00				31 49		18.5' R. BOTT. CB.
				33 49		19' R. TOP. CB.
47+00				33 6		29' R. GRO.
				32 05		℄
				32 17	9' L BOTT. CB.	
				33 62	9' L TOP CB.	
				34 8	11' L TOP GRO.	
				34 8	13.8' L " "	
				31 71		16.5' R. ED GUTT
				31 63		18.5' R. BOTT. CB.
				33 58		19. R. TOP CB.
				33 7		29' R. GRO.
47+45.4				41 40	10.3' L TOP CONC. BL. WALL	
48+00				32 32		℄
				32 42	9' L BOTT. CB.	
				33 83	9' L TOP CB.	
				31 87		16.5' RT ED GUTT.
				31 83		18.5' RT BOTT. CB.
				33 77		19' RT TOP CB.
				33 8		29' RT GRO.
48+01.7				35 8	9.7' L. & 14' L. TOP (GRO)	

F.B. 3343 PG. 108

Job No. 611690 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE S.D. Date Date No. X-Sec.
Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked
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STATION	B. S.	H. I.	F. S.	ELEV.		
48+81.8				36 67	14.8' L. TOP CONC. SLAB @ GARAGE	
49+00				32 43		℄
				32 50	9' L BOTT. CB.	
				33 94	9' L TOP. CB.	
				36 0	11' L TOP (GRO.)	
				32 13		16.5' R. ED. GUTT.
				32 01		18.5' R. BOTT. CB.
				33 95		19' R. TOP. CB.
				34 0		29' R. GRO.
50+00				32 63		℄
				32 61	9' L BOTT. CB.	
				34 09	9' L TOP. CB.	
				35 9	11' L TOP (GRO)	
				32 33		16.5' R. ED. GUTT
				32 22		18.5' R BOTT. CB.
				34 17		19.0' R. TOP. CB.
				34 2		29.0' R GRO.
50+19.0				32 57	B.C.	℄
				32 66	7.5' L. ED.	
				32 68	9' L BOTT. CB.	
				34 15	9' L TOP CB.	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 61690 Division No. Survey of PANAMA AVE S.D. Survey by J.P. MENNE Notes J.P.M. Date 3-31-67 Map No. Indexed C. J. GALLI Date

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STATION	B.S.	H.I.	F.S.	ELEV.		
50 + 21.4				32 43		16.5' R. ED. & ∡ PT X GUTTER
				32 22		18.5 R. BOTT. CB.
				34 19		19.0 R' T. CB.
50 + 25.8				32 25		16.5' R. CTR. X GUTTER
50 + 30.2				32 32		16.5' R. ED. & ∡ PT. X GUTT.
50 + 28.97 = 1 + 00 E				32 50	BT. SPK. @ INTER. BONDS ST. & PANAMA AVE	F.B. 3343 -29
	1 + 00	GOING	EAST	FROM	INTER. PANAMA & BONDS.	ON BONDS.
1 + 24				32 52	6.2' L. ED. & ∡ PT X GUTTER	
1 + 29.4				32 75	7' L. - ED. GUTTER. @ B.C.	
				32 75	9' L - BOTT. CB.	
				34 23	9' L TOP. CB.	
				35 3	11' L TOP (GRO.)	
2 + 29.4				32 84		∡
				33 03	9' L BOTT. CB.	
				34 32	9' L TOP. CB.	
				37 3	11' L TOP (GRO.)	
				32 54		16.5' R. ED. GUTT.
				32 44		18.5' R. BOTT. CB.
				34 33		19' R. TOP CB.
				34 4		29' R GRO.
B.M. S.D. 1127				34 30	B.M. S.D. 1127 F.B. 3343	-14

END OF BONDS ST.

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Survey of PANAMA AVE S.D. Date Date No. X-Sec.
Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
S		CONT.	NORTH	ALONG	⅌-LN. FROM BONDS ST. ON PANAMA AVE	
50+28.97				32 50		℄
50+36.8				32 27		22.5 R CTR. X GUTTER
50+40.3				32 33		21.7 R ED. X GUTTER
50+44				32 60		℄
				32 33		22' R. ED. GUTT.
				32 26		24' R. BOTT. CB.
				34 25		24' R. TOP CB.
				34 5		29 R. BRK.
				35 6		30' R. TOP
				32 62	4' L BOTT. CB.	
				34 09	4' L. TOP. CB.	
				34 3	9' L BRK.	
				35 6	10' L TOP	
50+69.3				32 64	0.3' L CTR. SEWER	M.H. TOP

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6116.90 Division No. ____ Survey of PANAMA AVE S.D. Survey by MENNE Notes J.P.M. Date 3-31-67

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Map No. ____ Indexed G. LEALLS Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
51+01.0				32 69	0.6' L CTR. SEWER	M.H. TOP.
52+00				32 85		℄
				32 55		22' R. GUTT.
				32 46		24' R. BOTT. CB.
				34 20		24' R. TOP CB.
				34 6		29' R. BRK.
				38 0		39' R. TOP
				32 96	4' L BOTT. CB.	
				34 16	4' L TOP CB.	
				34 7	9' L BRK.	
				36 4	10' L TOP	
52+93.4				33 01	0.3' L CTR. SEWER M.H.	TOP

F.B. 3343 PG. 112

Job No. 6116.90 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE. S.D. Date Date No. X-Sec.
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STATION	B. S.	H. I.	F. S.	ELEV.		
53+62.1					CTR. SEWER M.H.	℄ TOP
54+00				33 22		℄
				32 82		22' R GUTT.
				32 73		24' R BOTT. CB.
				34 25		24' R TOP CB.
				34 5		29' R BRK.
				37 0		35' R TOP
				33 32	4' L BOTT. CB.	
				34 22	4' L TOP "	
				34 7	9' L BRK.	
				36 6	10' L TOP	
56+00				33 47		℄
				33 15		22' R GUTT.
				33 05		24' R BOTT. CB
				34 51		24' R TOP
				34 8		29' R BRK.
				37 2		33' R TOP
				33 58	4' L BOTT. CB.	

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
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STATION	B.S.	H.I.	F.S.	ELEV.		
56+00				34 53	4' L TOP CB.	
				34 6	9' L BRK.	
56+29.7				33 46	CTR. SEWER M.H ℄	TOP
56+30.7				33 07		24' R. BOTT. CB.
				33 41		24' R. F.L. DRAIN
				34 56		24' R. TOP CB.
				36 74		35.5' R TOP CB. @ END OF DR. ON PACIFIC AVE.
				35 95		35.5' R F.L. DR. "
B.M.S.D. 1128				34 56	B.M.S.D. 1128 F.B. 3343-15	
58+00				33 83	℄	
				33.47		22' R BOTT CB.
				34.35		24' R TOP CB.
				35.0		29' R BRK.
				36.5		35' R TIP
				33 96	4' L BOTT. CB.	
				34 80	4' L TOP CB.	
				34.9	9' L BRK.	
					~~10' L TOP~~	

F.B. 3343 PG. 114

Job No. 6116.90 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE. S.D. Date Date No. X-Sec.
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Indexed C.J. GALLI Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
59+00				33.93		℄
				33.54		22 R Gutter
				33.50		24 R B.Cb
				35.00		24 R T.C
				35.0		29 R Brk
				36.6		31 R Top.
				34.01	4 L Bo Cb.	
				35.00	4 L T Cb.	
				35.0	9 L Gnd.	
59+29.1				33.93		℄ S.M.H. Rim
59+31.1		TP 35.57		33.57		24 R Bot Cb.
				33.96		24 R F/L Drain
				35.07		24 R Top Cb.
				36.13		35.5 R Top Cb. Lincoln St.
				35.36		35.5 R F/L Drain "
60+00				34.15		℄
				33.70		22 R Gutter

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
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Notes Chkd. ____ Checked ____ Survey by MENNE Notes J.P.M. Date ____
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STATION	B. S.	H. I.	F. S.	ELEV.		
60+00				33.66		24 R B. Cb.
				35.16		24 R T. Cb.
				35.4		29 R Gnd
				36.4		32 R "
				34.27	4 L B. Cb.	
				35.11	4 L T. Cb.	
				35.2	9 L Gnd.	
60+76.7				34.23	See Pg 142	0.5 R SMH. 8'm
61+00				34.27		℄
				33.93		22 R Gutter
				33.87		24 R Bot Cb
				35.32		24 R Tob Cb.
				35.4		29 R Gnd
				36.7		32 R Gnd.
				34.36	4 L Bot Cb	
				35.29	4 L Top "	
				35.4	9 L Gnd.	
61+56.2				34.54	2.9 L Cor gutter	
				34.58	4.0 L Bot Cb	
				35.50	4.0 L Top Cb	

F.B. 3343 Pg. 116 6116.90

Job No. Division No. Notes Red Plotted Profile

Survey of PANAMA AVE. S.D. Date Date No.

Survey by MENNR Notes J.P.M. Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
61+56.7				34.06		22° R Edge gutter
				33.97		24 R Bot Cb
				35.48		24 R Top Cb
61+59°				33.96		22 R Ctr X gutter
61+63.°				34.06		22 R Edge gutter
61+68.9				34.06	1.8 L Edge gutters	
61+69.8				34.05		22 R Ctr F/L Drain
				35.62		22 R Top Cb
61+72.3				34.00	1.8 L Ctr cross gutter	
61+74.4				33.98	4° L Ctr F/L Drain	
				35.58	4° L Top Cb.	
61+75.8				34.13	1.8 L Edge cross gutter	
61+78.4				34.09	4° L Bot Cb.	
61+75.6 tok				34.02		22 R Bot Cb.
61+81°				34.82		4
				35.07		22 R Gutter
				35.00		24 R Bot Cb.
				35.78		24 R Top Cb.
				36.07		29 R Back of walk
				34.93	1.8 L Edge Gutter	
				34.7	4° L Bot Cb	

Profile Notes Red ____ Plotted ____ Job No. 6-116.90 Division No. ____
No. ____ Date ____ Date ____ Survey of PANORAMA AVE S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by MENNE Notes E.S. Date 4-7-90
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

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F.B. 3343 Pg. 118 | Job No. 6116.90 | Division No. | Notes Red | Plotted | Profile No.
Survey of PANAMA AVE. S.D. | Date | Date | X-Sec. No.
Survey by MENNE | Notes E. STOE MAKER | Notes Chkd. | Checked
Indexed C.J. GALLI | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		
61+81.0				35.61	4.0 L Top Cb.	
				35.5	3.0 L Gnd.	
61+98.7				35.37	(SEE Pg 142)	℄ S.A.&H. Rim
62+10.3				35.70		℄ W/4
62+31.33				35.99	Int. ℄ Drain	& ℄ Sepulveda Blvd
1+00 W						
1+22 W				35.93		℄
				35.70	21 L W/4	
				35.14	40 L edge gutter	
				35.04	42 L Bot Cb	
				35.68	42 L Top Cb.	
				35.80	49.4 L Back of walk.	
1+50.7				35.79		℄
				35.56		21 R W/4
				35.33		40 R ed. gutter
				35.04		42 R F/L Ctr C.B.
				35.68		42 R Top Cb.
				35.91		49.4 R Back of walk
				35.55	21 L W/4	
				35.21	40 L ed. gutter	
				35.05	42 L Bot. Cb.	

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+50.7				3569	42 L Top Cb.	
				3589	49.9 L Back of walk.	
1+90.7				3584		℄
				3561		21 R W/4
				3529		40 R ed. gutter
				3515		42 R Bot Cb
				3579		42 R Top Cb
				3598		49.5 R Back of walk
				3560	21 L W/4	
				3528	40 L ed. gutter	
				3513	42 L Bot Cb.	
				3578	42 L Top cb	
				3596	49.5 L Back of walk.	
2+90.7				3598		℄
				3575		21 R W/4
				3540		40 R ed gutter
				3525		42 R Bot cb.
				3588		42 R Top cb.
				3597		49.5 R Back of walk
				3560	21 L W/4	
				3537	40 L ed. gutter	

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of PANAMA AVE
No. ____ Notes Chkd ____ Checked ____ Survey by METHNE Notes E.S. Date 4-7-67
Date ____ Date ____ Map No. ____ Indexed R. J. GALL Date ____

F. B. 3343 Pg. 119

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+90.7				35.24	42 L Bot Cb	
				35.87	42 L Top Cb	
				36.00	49.5 L Back of walk.	
62+31.33					Int. ℄ Drain & ℄ Sepulveda Blvd	
=1+00 E						
1+42.4				36.26		℄
				35.95		21 R W/4
				35.64		40 R ed gutter
				35.44		42 R Bot. cb.
				36.11		42 R Top cb.
				36.23		49.5 R Back of walk
1+51.0				36.30		℄
				35.97		21 R W/4
				35.69		40 R ed. gutter
				35.57		42 R Bot Cb.
				36.17		42 R Top cb
				36.30		49.5 R Back of walk
				35.95	21° L W/4	
				35.63	40° L edge gutter	
				35.49	42° L F/L ctr CB.	
				36.08	42° L Top cb.	

F.B. 3343 PG. 120

Job No. 6116.90 Division No. Notes Red Plotted Profile

Survey of PANAMA AVE S.D. Date Date No. X-Sec.

Survey by MENNE Notes E. SHOEMAKER Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+51.0				36.30	49.5 L Back of walk.	
1+91.0				36.45		℄
				36.14		21 R W/4
				36.05		40 R ed. gutter
				35.71		42 R Bot Cb
				35.84		42 R Top cb
				36.60		49.5 R Back of walk
				36.06	21.0 L W/4	
				35.84	40° L edge gutter.	
				35.64	42° L Bot Cb	
				36.28	42° L Top Cb.	
				36.46	49.5 L Back of walk.	
2+91.0				36.85		℄
				36.55		21° R W/4
				36.25		40 R edge gutter
				36.09		42 R Bot Cb
				36.71		42 R Top Cb
				36.88		49.5 R Back of walk
				36.57	21.0 L W/4	
				36.29	40° L ed. gutter	
				36.11	42° L Bot Cb.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.96 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of PANAMA AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by MENNE Notes E.S. Date 4-7-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3343 Pg. 121

76-L-298 CE 307 2-63

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F.B. 3343 PG. 172 | Job No. 6116.90 | Division No. | Notes Red | Plotted | Profile
Survey of PANAMA AVE | Date | No. | X-Sec.
Survey by MENUE | Notes E. SHEMAKER | Notes Chkd. | Checked | Date | No.
Indexed C. J. GALLI | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
2+91.0				36.80	42° L Top cb	
				36.90	49° L Back of walk.	
62+53.3				35.86		24° R SD. M.H
				34.16	Inv. S.D.	Rim - Rod - High'th = Inv. 35.86 - 0.70 - 1.00 = 34.16
				35.64	24.2° L SD. M.H.	
				33.99	Inv S.D.	36.64 - 0.70 - 0.95 = 33.99
63+08.0				35.55		℄
				35.47		9° R W/4
				35.18		16° R Ed. Gutter
				34.94		18 R F/L C.B.
				35.66		18 R Top cb.
				35.39	9° L W/4	
				35.17	16° L Ed. gutter	
				34.97	18 L F/L CB.	
				35.66	18 L Top Cb.	
63+48.0				35.67		℄
				35.54		9° R W/4
				35.13		16 R Ed. gutter
				34.97		18 R F/L CB.
				35.61		18 R Top Cb.
				36.5		30 R P/L
				35.54	9° L W/4	

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STATION	B. S.	H. I.	F. S.	ELEV.		
63+48.0				35.22	16°L Ed. gutter	
				35.06	18°L Bot. Cb.	
				35.68	18°L Top Cb.	
				36.4	30°L P/L	
63+76.2				35.79		℄
				35.63		9 R W/4
				35.23		16 R Ed. gutter
				35.08		18 R Bot Cb.
				35.72		18 R Top
				35.98		29.5 R Back of walk
				35.59	9 L W/4	
				35.20	16 L Edge Gutter	
				35.07	18 L Bot Cb	
				35.69	18 L Top Cb	
				36.5	30 L P/L	
64+51.38				35.78	℄ Int 238th Pl. & Panama Ave SMH Rim	
-1+00 E						
1+16.6 E				35.40	Ed. Gutter	℄
1+18.1 E				35.32	F/L "	℄
1+19.6 E				35.38	Ed. Gutter	℄

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
No. ____ Date ____ Date ____ Survey of PANAMA AVE. S.P.
X-Sec. Notes Chkd. ____ Checked ____ Survey by MENDE Notes E.S. Date 4-7-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 3343 Pg. 123

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+55 E				35.73		℄
				35 61		9°R W/4
				35 28		17R Ed. gutter
				35 18		18 R Bot Cb
				35 73		18 R Top Cb.
				36 6		30 R P/L
				35 61	9.° L W/4	
				35 34	17° L Ed gutter	
				35 24	18 L Bot. Cb.	
				35 84	18 L Top Cb.	
				36 2	30 L P/L	
1+95 E				35 74		℄
				35 71		9 R W/4
				35 30		17 R Ed gutter
				35 20		18 R Bot Cb
				35 80		18 R Top Cb
				36 4		30 R P/L
				35 65	9° L W/4	
				35 30	17 L Ed. Gutter	
				35 20	18 L Bot. Cb.	
				35 80	18 L Top Cb.	

F.B. 3343 Pg. 124

Job No. 6116.90 Division No. Notes Red Plotted Profile

Survey of PANAMA AVE Date Date No. X-Sec.

Survey by MENNE Notes E. SHOEMAKER Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+95 E				36 2		
2+95 E				35 91		℄
				35 85		9° R w/4
				35 40		17 R Ed. gutter
				35 29		18 R Bot Cb
				35 90		18 R Top Cb
				36 3		30 R P/L
				35 87	9 L w/4	
				35 49	17 L Ed. Gutter	36.02 SMH Rim
				35 38	18 L Bot Cb	7.97 - Rod to F/L
						28.05
				35 50	18 L Dep. Cb.	
				36 7	30 L P/L	
4+49° E				36 02		S.M.H. Rim
				28 05	invert 8" outlet W.	
1+16 ᶜW				35 39	Ed. gutter ℄	
1+18 ' W				35 34	F/L " ℄	
1+19 ᶜW				35 38	Ed. Guter ℄	
1+55 W				35 77	℄	
				35 71		9 R w/4
				35 25		17 R Ed. Gutter
				35 15		18 R Bot Cb.
				35 72		18 R Top Cb.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
Date ____ Date ____ Survey of PANAMA AVE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MENNE Notes E.S. Date 3-7-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible]

F.B. 3343 Pg. 125

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
1+55 W				36.4		30 R P/L
				35.70	9° L W/4	
				35.19	17° L Ed. Gutter	
				35.75	18° L Bot Cb.	
				35.13	18° L Top Cb.	
				36.3	30° L P/L	
1+95 W				35.83		℄
				35.70		9 R W/4
				35.33		17 R Ed. Gutter
				35.25		18 R Bot Cb
				35.81		18 R Top Cb
				36.7		30 R P/L
				35.70	9 L W/4	
				35.27	17 L Ed. Pvmt	
				35.20	18 L Bot Cb.	
				35.29	18 L Top Cb.	(Dep)
				36.4	30 L P/L	
2+95 W				35.91		℄
				35.80		9° R W/4
				35.38		17 R Bot. Cb
				35.32		18 R Top Cb

F.B. 3343 PG. 126 6/16/90

Job No. Division No. Notes Red Plotted Profile

Survey of PANAMA AVE S.D. Date Date No. X-Sec.

Survey by MENNE Notes E. SHOEMAKER Notes Chkd. Checked No.

Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+95 W				35 95		18 R Top Cb
				36 6		30 R P/L
				35 79	9° L W/4	
				35 42	17° L Ed. Gutter	
				35 34	18 L Bot Cb	
				35 95	18 L Top Cb	
				36 6	30 L P.L.	
4+50.6 W				36 01		SMH Rim
65+06				27.97	Inv 8" Outlet E	
				35 85	SMH Rim 35.85	℄
				35 72	Rod to F/L 7.88	9 R W/4
					27.97	
				35 29		17 R Ed. Gutter
				35 22		18 R Bot Cb
				35 82		18 R Top Cb
				36 5		30 R P/L
				35 73	9° L W/4	
				35 21	17° L Ed. Gutter	
				35 13	18 L Bot Cb.	
				35 75	18 L Top Cb.	
				36 4	30 L P/L	
65+46				35 96		℄
				35 86		9 R W/4
				35 36		17 R Ed. Gutter

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6116.90 Division No. ____ Survey of PANAMA AVE. S.D. Survey by MENNE Notes E.S. Date 3-10-67 Map No. ____ Indexed C. [illegible] Date ____

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

F.B. 3343 PG. 127

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
65+46				3530		18 R Bot Cb
				3590		18 R Top Cb
				364		30 R P/L
				3580	0 °L W/4	
				3540	17 °L Ed. Gutter	
				3532	18 °L Bot Cb	
				3593	18 °L Top Cb	
				362	30 °L P/L	
66+62.5				3601		℄
				3606		5 °R Crown Pvmt
				3555	11 Ed. Gutter	
				3542	12 Bot Cb	
				3606	12 Top Cb	
				36.5	24 P/L	
66+66.6				3600		℄
				3604		5 R Crown Pvm't
				3589		15 R W/4
				3544		23.5 R Ed. Gutter
				3540		24.5 R Bot Cb
				3603		24.5 R Top Cb
				36.9		36 R P/L

F. B. 3343 PG. 128

Job No. 6116.90 Division No. Notes Red Plotted Profile

Survey of PANAMA AVE. S.D. Date Date No. X-Sec.

Survey by MENNE Notes E. SHOEMAKER Notes Chkd. Checked No.

Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
67+16				36 00		9.3 R S.M.H. Rim
67+16.40 = 1+00 E				35 90	℄ Int 238 St. & Panama Ave SEE Pg 141	
1+26 E				35 69	Ed. Gutter	
1+27.5 E				35 66	F/L "	
1+29.2 E				35 73	Ed. Gutter	
1+61.3 E				36 07		T/L
				35 91		7.5 R W/4
				35 62		14 R Ed. Gutter
				35 52		15 R Bot Cb
				36 11		15 R Top Cb
				36 7		30 R P/L
				36 06		T/L
1+71				35 93	7.5 L W/4	
				35 58	14 L Ed. Gutter	
				35 55	15 L Bot Cb	
				35 90	15 L Top Cb (Dep)	
				36.4	30 L P/L	
2+01.3 E				36 01		T/L
				35 88		7.5 R W/4
				35 62		14 R Ed. Gutter
				35 51		15 R Bot Cb.
				36 07		15 R Top Cb.

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6116.90 Division No. Survey of PANAMA AVE S.D. Survey by MEWNE Notes E.S. Date 3-10-67 Map No. Indexed C. J. GALLI Date

F.B. 3343 Pg. 129

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+01.3 E				36.3		30 R P/L
				35.97	7.5 L W/4	
				35.64	14 L Ed. Gutter	
				35.52	15 L Bot Cb.	
				36.11	15 L Top Cb.	
				36.5	30 L P/L	
				36.20		T/L
				36.07		7.5 R W/4
				35.65		14 R Ed Gutter
				35.57		15 R Bot Cb
				36.17		15 R Top Cb
				36.6		30 R P/L
				36.15	7.5 L W/4	
				35.76	14 L Ed. Gutter	36.30 SMH Rim
				35.64	15 L Bot Cb	6.76 -Rod to F/L
				36.21	15 L Top Cb	29.54
				36.8	30 L P/L	
				36.30		S.M.H Rim
4+58.7 E				29.54	Inv. 8" Outlet W	
1+06.1 W				35.68	Ed Gutter ℄	
1+08.2 W				35.60	F/L " ℄	

F.B. 3343 PG. 130 | 6/16/90

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

Survey of PANAMA AVE. S.D. Date ____ Date ____ No. ____

Survey by MENNE Notes E. SHOEMAKER Notes Chkd. ____ Checked ____ X-Sec. ____

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

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+09.7 W				35 67	Ed. Gutter ℄	
1+45 'W				35 90		T/L
				35 82		7.5 R W/4
				35 59		14° R Ed. Gutter
				35 50		15° R Bot Cb
				36 10		15° R Top Cb
				36 9		30° R P/L
1+49.4				35 90		T/L
				35 81	7.5 L W/4	
				35 61	14 L Ed. Gutter	
				35 50	15 L Bot Cb	
				36 09	15 L Top Cb	
				36 4	30 L P/L	
1+85.'				35 98		T/L
				35 90		7.5 R W/4
				35 58		14 R E. Gutter
				35 52		15 R Bot Cb
				36 12		15 R Top Cb
				36 9		30 R P/L
				35 91	7.5 L W/4	
				35 57	14 L E. Gutter	
				35 51	15 L Bot Cb.	

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
No. ____ Date ____ Date ____ Survey of PANAMA AVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by MENNE Notes E.S. Date 3-10-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLY Date ____

F.B. 3343 PG. 131

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STATION	B.S.	H.I.	F.S.	ELEV.		
1+85'				35.76	15 L Top Cb	
				36.6	30 L P/L	
2+85'				36.13		T/L
				36.01		7.5 R W/4
				35.65		14 R Ed. Gutter
				35.58		15 R Bot Cb
				36.20		15 R Top Cb
				36.6		30 R P/L
				36.04	7.5 L W/4	
				35.65	14 L Ed Gutter	
				35.58	15 L Bot Cb	
				36.20	15 L Top Cb	
				36.6	30 L P/L	
3+66 W				36.25		S.M.H. Rim
				29.42	Inv 8" Outlet E	
					36.25	
					6.73	
					29.42	
67+67.8				36.14		℄
				36.17		6 R Crow
				35.64	10.7 L Ed. Gutter	
				35.55	11.9 L Bot Cb.	

F.B. 3343 PG. 132

Job No. 6116.90 Division No. Notes Red Plotted Profile

Survey of PANAMA AVE. S.D. Date Date No. X-Sec.

Survey by MENNE Notes E. SHOEMAKER Notes Chkd. Checked Date No.

Indexed C. J. GALLI Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.				
67+67 8				36 15	11.9 L	Top Cb		
				36 7	24 L	P/L		
67+77.4				36 15			℄	
				36 18			6° R	Crown
				36 02			12 R	W/4
				35 59			22.5 R	Ed Gutter
				35 53			23.7 R	Bot. Cb
				36 11			23.7 R	Top Cb.
				36 3			36 R	P/L
68+07 8				36 19			℄	
				36 22			3 R	Crown
				36 11			10 R	W/4
				35 66			20 R	Ed. Gutter
				35 56			21.2 R	Bot. Cb
				36 16			21.2 R	Top Cb.
				36 3			33.2 R	P/L
				36 14	4 L	W/4		
				35 61	13.5 L	Ed. Gutter		
				35 54	14.8 L	Bot Cb		
				35 69	14.8 L	Top Cb (Dep)		
				36 7	26.8 L	P/L		

Profile No. ____ Notes Red ____ Plotted ____ Job No. C116.90 Division No. ____
Date ____ Date ____ Survey of PANAMA AVE S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MENNIE Notes E.S. Date 4-10-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3343 PG. 133

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
69+22°				3637		℄
				3615	9°L W/4	
				3571	16 L Ed. Gutter	
				3565	18²L Bot. Cb.	
				3626	18²L Top Cb.	
				369	30 [illegible]	
69+36°				3638		℄
				3625		9°R W/4
				3580		16 R Ed. Gutter
				3565		18 R Bot. Cb.
				3621		18 R Top Cb.
				370		30 R P/L
69+83.67 = 1+00 E.				3633	SEE Pg. 142 ℄ Int. 237th St & Panama Ave	S.M.H.N.C. Rim
1+16⁹				3604	Edge Gutter	℄
1+18⁴				3591	F/L "	℄
1+20⁰				3593	Edge "	℄
1+51 7				3647		℄
				3623		7.5R W/4
				3580		14 R Ed. Gutter
				3573		15 R Bot Cb.
				3634		15 R Top Cb.

F.B. 3343 Pg. 134

Job No. 6116.90 Division No. Notes Red Plotted Profile

Survey of PANAMA AVE. S.D. Date Date No.

Survey by MENN Notes E. SHOEMAKER Notes Chkd. Checked X-Sec.

Indexed C.J. GALLI Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.				
1+51.7				37.1			30 R.	P/L
1+64.5				36.55		T/L		
				36.33	7.5 L	W/4		
				35.90	14 L	Ed. Gutter		
				35.79	15 L	Bot Cb.		
				36.39	15 L	Top Cb.		
				37.0	30 L	P/L		
1+91.7				36.57		℄		
				36.35			7.5 R	W/4
				35.87			14 R	Ed. Gutter
				35.79			15 R	Bot. Cb
				36.41			15 R	Top Cb
				37.0			30 R	P/L
				36.37	7.5 L	W/4		
				35.96	14 L	Ed Gutter		
				35.85	15 L	Bot Cb		
				36.42	15 L	Top Cb		
				37.2	30 L	P/L		
2+91.7				36.65		℄		
				36.50			7.5 R	W/4
				35.99			14 R	Ed Gutter

Profile No. ____ Notes Red ____ Plotted ____ Job No. 611690 Division No. ____ F.B. 3343 Pg. 135
Date ____ Date ____ Survey of PANAMA AVE. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by MENNE Notes E.S. Date 4-10-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+91.7				35 88		15 R Bot Cb
				36 50		15 R Top Cb
				37.0		30 R P/L
				36 44	7.5 L W/4	
				36 01	14 L Edge Gutter	
				35 96	15 L Bot Cb.	
				36 55	15 L Top Cb	
				36 8	30 L P/L	
4+50.6 E				36 80		℄ S.M.H Rim
				29.68	Inv. 8" Outlet W.	
					36.80 SMH Rim 7 12 - Rod to F/L 29.68	
1+00 W						
1+16.9				35 93	Ed Gutter TL	
1+18.4				35 86	F/L " TL	
1+19.9				35 90	Ed " TL	
1+50.5				36 47	TL	
				36 34		7.5 R W/4
				35 86		14 R Ed Gutter
				35 78		15 R Bot Cb
				36 37		15 R Top "

F.B. 3343 Pg. 136 | 6116.90

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

Survey of PANAMA AVE. S.D. Date ____ Date ____ No. ____

Survey by MENNE Notes E. SHEWANER Notes Chkd. ____ Checked ____ X-Sec. ____

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+50.5				37.0		30 R P/L
1+65 2				36 50	7.5 L W/4	
				36 20	14 L Ed. Gutter	
				35 82	15 L B. Cb	
				35 73	15 L T Cb	
				37 0	30 L	
1+90.5				36 57		TL
				36 38		7.5 W/4
				35 95		14 R Ed Gutter
				35 86		15 R Bott. "
				36 44		15 R T.C
				36 4		30 R. P/L
				36 29	7.5 L W/4	
				35 85	14 L Ed Gutter	
				35 76	15 L B.C H	
				36 35	15 L T.C	
				37.2	30 L P/L	
2+50.5				36 65		TL
				36 55		7.5 R W/4
				36 00		14 R Ed. Gutter

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
No. ____ Date ____ Date ____ Survey of PANAMA AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by M. BANNE Notes E.S. Date 4-11-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3343 PG. 137

76-L-298 CE 807 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
2+50.5				3594		15 R Bot Cb
				3657		15 R Top Cb
				372		30 R P/L
				3648	7 5 L W/A	
				3595	14 L Ed Gutter	36.78 SMH Rim
				3586	15 L Bot Cb.	6.92
				3595	15 L Top Cb.	29.86
				368	30 L P/L	
4+00 W				3678		SMH. Rim
				29.86	Inv. 8" Outlet E	
70+33 2				3636		℄
				3628	9 0 L W/A	
				3574	17 L Ed Gutter	
				3568	18 2 L Bot Cb	
				3603	18 2 L Top Cb	(Dep)
				368	30 0 L P/L	
70+45 8				3634		℄
				3622		9 0 R W/A
				3584		17 0 R Ed Pumt
				3574		18 0 R Bot Cb
				3633		18 0 R Top Cb

F.B. 3343 Pg. 138

Job No. 6116.90 Division No. Notes Red Plotted Profile

Survey of PANAMA AVE. S.D. Date Date No. X-Sec.

Survey by MENNE Notes E. SHOEMAKER Notes Chkd. Checked

Indexed C. L. GALLI Date Date Date No.

76-L-293 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
70+45.8				36 8		30 R P/L
70+73 2				36 46		℄
				36 25		9 R W/4
				35 90		17 R Ed Gutter
				35 78		18 R Bot Cb
				36 05		18 R Top Cb
				36 9		30 R P/L
				36 31	9° L W/4	
				35 85	17 L Ed Gutter	
				35 80	18 L Bot Cb	
				36 42	18 L Top Cb	
				36 9	30 L P/L	
71+73 2				36 67		℄ Semi Tan
				36 45		7° R W/4
				36 09		15° R Ed Gutter
				35 96		16° R Bot Cb
				36 58		16° R Top Cb
				37 0		28° R P/L
				36 69	2 L 11 L Crown W/4	
				36 54	19 L Ed Gutter	
				35 96	20 L Bot Cb	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
Date ____ Date ____ Survey of PANAMA AVE. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by M.BNNE Notes E.S. Date 4-11-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3343 PG. 139

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
71+73.2				35.94	20 L Top. Cb	
				36.5	32 L P/L	
71+29.7 +OK				36.57		1.8 R SMH Rim
				21.95	Invert 12" Outlet S.	
					S.M.H. Rim 36.57	
					-Rod to F/L 14.62	
					21.95	

F.B. 3343 PG. 140

Job No. 6116.90 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE S.D. Date Date No. X-Sec.
Survey by MENNE Notes E. SHOEMAKER Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.				
64+51.38	(from	Pg. 123.)		35.78	℄ Int. 238th Pl & Panama Ave. S.M.H. J.C. Rim			
					Drop M.H. E. & W.	3578	3578	3578
				28.00	Inv 8" Inlet W	878	14.76	870
						2800	21.02	2708
				21.02	" 8" " "			
				20.73	" 12" " N	3578	3578	3578
				27.08	" 8" " E	1480	1505	1510
						20.98	20.73	20.68
				20.98	" 8" " E			
				20.68	" 12" Outlet S.			
67+16.40	(from	Pg 129)		35.90	℄ Int 238 st & Panama Ave. S.M.H. J.C. Rim			
					Drop M.H. E & W.	35.90	35.90	35.90
						1433	748	1439
				28.42	Inv. 8" Inlet W	21.57	28.42	21.51
				21.57	" 8" " W			
				21.00	" 12" " N	35.90	35.90	35.90
				28.22	" 8" " E	7.68	14.90	14.87
						2822	2100	21.03
				21.51	" 8" " E			
				21.03	" 12" Outlet S.			

Profile No. ____ Notes Red ____ Plotted ____ Job No. 4116.90 Division No. ____ F.B. 3343 Pg. 141
X-Sec. No. ____ Date ____ Date ____ Survey of PANAMA AVE S.D.
Notes Chkd. ____ Checked ____ Survey by M. Kuhne Notes K.S. Date 4-11-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
69+83.67	(from Pg 134)			36.33	℄ Int. 237th St. & Panama Ave S.M.H.J.C. Rim	
					Drop M.H E.& W.	36.33 3633 3633
				28.75	Inv 8" Inlet W	7.58 1433 784
				22.00	" 8" " W	28.75 22.00 28.49
				21.70	" 12" " N	3633 3633 3633
				28.49	" 8" " E	1463 1428 1478
				22.05	" 8" " E	21.70 22.05 21.55
				21.55	" 12" Outlet S.	
61+98.7	(from Pg 118)			35.37	℄ S.M.H.J.C. Rim	
				20.62	Inv. 8" Inlet W	35.37 3537
				20.23	" 12" " N	1475 1514
				20.63	" 8" " E	20.62 2023
				20.30	" 12" Outlet S.	3537 3537
						1474 1507
						20.63 20.30
60+76.7	(from Pg. 116)			34.23	0.5R S.M.H. J.C. Rim	
				20.09	Inv 12" Inlet N	3423 3423 3423
				20.63	" 8" " E	1414 1360 1413
				20.10	" 12" Outlet S	20.09 20.63 20.10

F.B. 3343 Pg. 142

Job No. 611690 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE. S.D. Date Date No.
Survey by MENNIE Notes EISHOE MAKER Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

Notes Ck'd by	Survey of PANAMA AVE. S.D.
Map No.	JN 6116.90 Tape — Std ✓ °F
Office Work	Surveyed by M. SOTRO
Checked	Notes M. S. Date 7-20-57
Date	Indexed C. J. GALLI JUL 28 '57

F. B. 3343 PG. 143

6116.90

PANAMA AVE. STORM DRAIN
NO. 690

LOCATION OF M. H. SOUTH
END ISLAND AVE.

SOTRO
SMITH
MASSEY
MOYA

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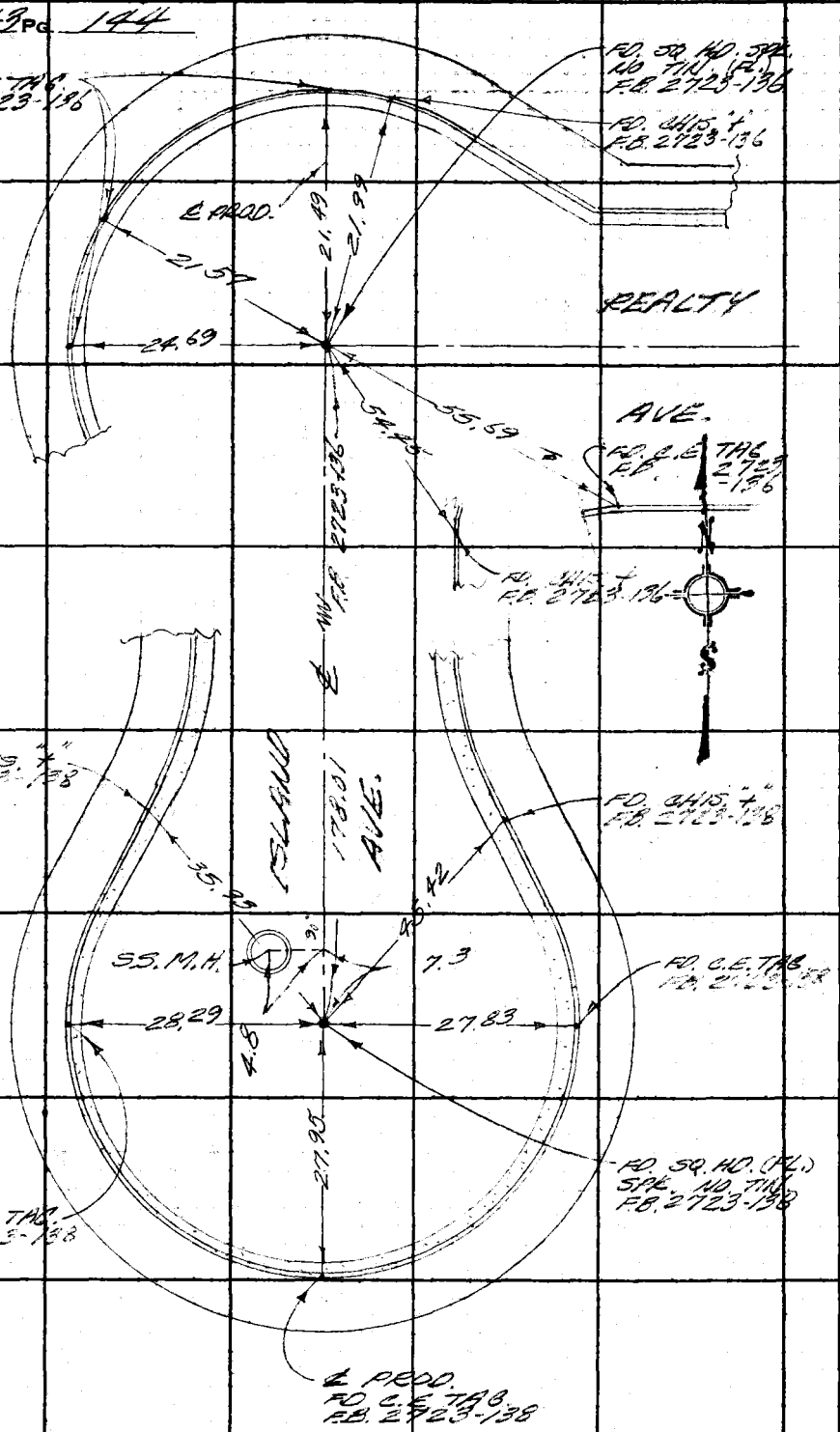
76F3095 CE #310 6-63

F. B. 3343 PG. 144



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Profile No.	Notes Red	Plotted	Job No. 6116.90	Division No.	F.B. 3343 Pg. 145
	Date	Date	Survey of PANAMA AVE S.D.		
X-Sec. No.	Notes Chkd.	Checked	Survey by M SOTRO	Notes R.S.	Date 7-20-67
	Date	Date	Map No.	Indexed C. J. GALLI	Date 8-28-67

J.N 6116.90

ADDITIONAL WORK

PANAMA AVE.

STORM DRAIN

INVERT ELEVATION

SEWER MAN HOLES

REF F.B 3343

SOTRO
SMITH
MASSEY
MOYA

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 3343 PG. 146 | Job No. 6116.90 | Division No. | Notes Red | Plotted | Profile No.
Survey of PANAMA AVE S.D. | Date | Date | X-Sec. No.
Survey by M. SOTRO Notes R. SMITH | Notes Chkd. | Checked | No.
Indexed C.J. GALLI | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.		
PD BM SD 1122				31 73	BM SD 1122 ELEV. 31.734 FB 3343-12 MAIN ST. W. SIDE 590' ± NO LOMITA BLVD @ P/L ON TOP CTR OF HEAD WALL FOR DRAIN. L+T MKD. B.M	
					LT	RT
T.P.		USED 3		34 62	SPK	
SET. 6+49.5 SO. SSMH (TRUNK LINE)				39 78	F.B. 3343-47	36± CTR LID
		LEVER ROD			~~EAST (INLET)~~ F.L. @ CTR.	~~NORTH (OUTLET)~~
					MEAS 20.8	NOTE: MAN HOLE OFFSET ELEV. TO NEAREST FOOT. AS NEAR FLOW LINE AS POSSIBLE.
					DIA 6.0	
					ROD 26.8	
					CTR. LID 39.~~78~~ 8	~~39.78~~
					26 8	
					13.0±	
					INVERT ELEV. @ F.L. 6.0' PIPE	
					~~INVERT ELEV.~~	
T.P.				33 72	SPK	

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STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT	LINE
FD BM SD 1122				31.72	BM SD 1122 ELEV. 31.734	F.B. 3343-12
					SEE PAGE	
					LT	RT
15+52.8 SSMH (TRUNK LINE)				32.21	74.6' CTR LID	F.B. 3343-48-85
		LEVER ROD USED			MEAS. NOTE: FLOW TOO SWIFT &	
					DIA. TOP OF PIPE NOT DEFINED.	
					ROD. NO CONCLUSION	
					CTR LID ELEV.	32.21
					INVERT ELEV. 6.0' PIPE (NO CONCLUSION)	
FD BM SD 1126				33.04	BM SD 1126 ELEV 33.040	F.B. 3343-14
					WEST END BONDS ST. (VACATED)	
					APPROX ℄ OF DRAIN L.A. CO. RD	
					DEPT. MON DN 24"	
42+12 SSMH (TRUNK LINE)				35.00	39.5 CTR LID	F.B. 3343-56
					NOTE. SEE REMARKS FOR SSMH	
					@ 15+52.8 THIS PAGE	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 6116.90 Division No. Survey of PANAMA AVE SD Survey by M. SOTRO Notes R.S. Date 7-20-67 Map No. Indexed C.J. GALLI Date F.B. 3343 Pg. 147

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	TRANSIT LINE
43+29.8 SSMH (TRUNK LINE)				31 52	LT 2.0' CTR LID. RT F.B 3343-56-105 EL 31.52
					NOTE. DOUBLE LID LOWER LID BOLTED (UNABLE TO OPEN)
ELEV. SSMH NOT ON TRANSIT LINE PLUSES					
FD BMSD 1127		ROD USED		34 28	BMSD 1127 ELEV. 34.295 F.B 3343-14 BONDS ST (VACATED) NO. CURB 80'± E. OF PANAMA AVE. (VACATED) BT SPK IN CONC CURB.
T.P.				34 38	CONC
F.B 3343-39 9'E 3'N ℄ INT SSMH (TRUNK LINE)				34 21	CTR LID
					NOTE: SEE REMARKS PER SSMH 15+52.8 PAGE #
T.P.		LENKER		34 07	3/4" I.P. ℄ INT BONDS ST & FRIES AVE F.B 3343-39
SET F.B 3343-40 3'E. ℄ INT SSMH (TRUNK LINE)				34 83	CTR LID.

	WEST	EAST
MEAS	10.40	10.35
DIA.	12.00	12.00
ROD	22.40	22.35

	WEST	EAST
CTR LID	34 83	34.83
	22 40	22 35
	12.43	12.48

CONT'D

F.B. 3343 PG. 148 Job No. 6116.90 Division No. Notes Red Plotted Profile
Survey of PANAMA AVE S.D. Date Date No. X-Sec.
Survey by M SOTRO Notes R SMITH Notes Chkd. Checked
Indexed C. J. GALLI Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.				
FB 3343-40 3² E. ℄ INT.				12 48	INVERT ELEV 12' INLET EAST			
				12 43	" " " OUTLET WEST			
T. P.				35 70	CONC			
SSMH. FB 3343-144 170.7 So + 4⁸ W ℄ INT. REALTY, ST. & ISLAND AVE				36 05	CTR LID	NORTH	SOUTH	WEST
					MEAS	10.17	10.30	10.61
					DIA	.67	67	67
					ROD	10.84	10.97	11.28
		LEIKER ROD			EL CTR LID	36.05	36.05	36.05
						10.84	10.97	11.28
						25.21	25.08	24.77
				25 21	INVERT 8" INLET NORTH			
				25 08	" " " SOUTH			
				24 77	" " OUTLET WEST			
T.P.				37 27	SPK			

CONT'D

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____ F.B. 3343 Pg. 149

Date ____ Date ____ Survey of PANAMA AVE S.D.

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by M SOTRO Notes R.S. Date 7-20-67

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

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	TRANSIT	LINE
T.P.				36.51	CTR SSMH	
FD BM SD 1128		A USED		34.54	BM SD 1128 ELEV. 34.553 F.B 3343-15 PANAMA AVE (VACATED) E. SIDE ON APPROX ℄ PROD OF PACIFIC AVE. BT SPK IN CONC CURB	
		PROCEEDING		ALONG	TRANSIT LINE PLUSES	
50 + 69.3 SSMH		LEIKER ROD		32.64	0.3'	FB 3343-60-111
					NORTH	SOUTH
					MEAS 13.13	13.16
					DIA 1.00	1.00
					ROD 14.13	14.16
					EL CTR LID 32.64	32.64
					14.13	14.16
					18.51	18.48
				18.51	INVERT 12" INLET	NORTH
				18.48	" " OUTLET	SOUTH
					CONT'D	

F.B. 3343 PG. 150 | Job No. 61190 | Division No. | Notes Red. | Plotted | Profile
Survey of PANAMA AVE S.D. | Date | Date | No.
Survey by M. GOTRO Notes R. SMITH | Notes Chkd. | Checked | X-Sec.
Indexed G.J. GALLI | Date | Date | No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT	LINE	
51+01° SSMH				32 69	0 6'		FB 3343-60-112
					NORTH	NORTH EAST	SOUTH
					MEAS 13.16	12.58	13.14
					DIA 1.00	.67	1.00
					ROD 14.16	13.25	14.14
		LENKER ROD USED			EL. CTR. LID. 32.69	32.69	32.69
					14.16	13.25	14.14
					18.53	19.44	18.55
				18 53	INVERT 12" INLET		
				19 44	" 8" "		
				18 55	" 12" OUTLET		
56+24³ SSMH				36 51	CTR LID		41 9 FB 3343-62
							" " "
					EAST	WEST	EAST
					MEAS 10.46	10.80	36.51
					DIA .67	.67	11.13
					ROD 11.13	11.47	25.38
							WEST
							36.51
				25 38	INVERT INLET	EAST	11.47
				25 04	" OUTLET	WEST	25.04

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. ____
No. ____ Date ____ Date ____ Survey of PANAMA AVE S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 3343 Pg. 151

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	TRANSIT	LINE
56+29' SSMH (J.C.)				33 46	CTR LID FB 3343-62-114 ℄	
					NORTH / EAST / SOUTH	
					MEAS 13.03 / 13.05 / 13.07	
					DIA 1.00 / .67 / 1.00	
					ROD 14.03 / 13.72 / 14.07	
		LENGTHER ROD USED			EL. CTR RIM 33.46 / 33.46 / 33.46	
					14.03 / 13.72 / 14.07	
					19.43 / 19.74 / 19.39	
				19 43	INVERT 12" INLET NORTH	
				19 74	" 8" " EAST	
				19 39	" 12" OUTLET SOUTH	
59+29' SSMH (J.C.)				33 93	CTR LID F.B. 3343-63-115 ℄	
					NORTH / EAST / WEST / SOUTH	
					MEAS 12.98 / 13.00 / 13.00 / 13.00	
					DIA 1.00 / .67 / .67 / 1.00	
					ROD 13.98 / 13.67 / 13.67 / 14.00	
					CONT'D	

F.B. 3343 Pg. 152 Job No. 6116.90 Division No. Notes Red Plotted Profile No.
Survey of PANAMA AVE S.D. Date Date No. X-Sec.
Survey by M SOTRO Notes R SMITH Notes Chkd. Checked
Indexed C.J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	TRANSIT LT	LINE RT
59+29¹					EL. CTR LID 33.93 33.93	33.93 33.93
					13.98 13.67	13.67 14.00
					19.95 20.26	20.26 19.93
				19 95	INVERT 12" INLET	NORTH
				20 26	" 8" "	EAST
				20 26	" " "	WEST
				19 93	" 12" OUTLET	SOUTH
BM SD 1128		LENKER ROD USED		34 55	BM.S.D.1128 ELEV. 34.553 F.B 3343-15	
					PANAMA AVE (VACATED) EAST SIDE	
					ON APPROX ℄ PROD PACIFIC AVE	
					BT. SPK IN CONC CB	
T. P.				35 16	CONC.	
60+76⁴ SSMH				36 59	CTR LID	39⁹ F.B 3343-64
					EAST / WEST	
					MEAS. 8.15 8.30	36.59
					DIA. .67 .67	8.82
					ROD 8.82 8.97	27.77
				27 77	INVERT 8" INLET EAST	36.59
				27 62	" 8" OUTLET WEST	8.97
						27.62

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6116.90 Division No. Survey of PANAMA AVE S.D Survey by M SOTRO Notes R.S. Date 7-21-67 Map No. Indexed C. J. GALLI Date

F.B. 3343 Pg. 153

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	TRANSIT LINE
FD BM #8				35 53	BM #8 ELEV. 35.522 FB 3343-15 PANAMA AVE. (VACATED) WEST SIDE 20' ± SO. OF SO. P/L SEPULVEDA BLVD. L&T IN CONC CURB MKD BM #8
	PICK-UP SSMH (TRUNK) NOT ON TRANSIT LINE				
BM SD 1126				33 04	BM SD 1126 ELEV 33.040 F.B 3343-14 WEST END BONDS ST. (VACATED) APPROX ℄ OF DRAIN L.A. CO. RD DEPT MON DN 24"
	5 65	38 69			
T.P.			5 25	33 44	SPK
SSMH (TRUNK) FB 3343-40 160' No & 17 W ℄ INT MARBELLA AVE. + REALTY ST.	5 46	38 90	5 47	33 43	CTR LID SSMH (TRUNK) NOTE: M.H. COVER BOLTED. TOOLS NECESSARY TO OPEN NOT AT HAND. NO INVERT ELEVATION POSSIBLE
	5 46	38 89			
T.P.			5 45	33 44	SPK
	6 79	40 23			
BM SD 1126			7 19	33 04	BM SD 1126 SEE ABOVE.

F.B. 3343 Pg. 154 | Job No. 6116.90 | Division No. | Notes Red | Plotted | Profile
Survey of PANAMA AVE SD | Date | Date | No.
Survey by M SOTRO | Notes R. SMITH | Notes Chkd. | Checked | X-Sec.
Indexed C.J. GALLI | Date | Date | No.

Notes Ck'd by J. Cavatalo	Survey of PANAMA AVE. S.D.
Map No.	JN 6116.90 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 5-27-69
Date	Indexed E.J. GALLI MAY 29 '69

F.B. 3343 Pg. 155

PANAMA AVE.

STORM DRAIN

PROJECT NO. 690

J.N. 6116.90

LOCATION OF S.S.M.H.'s

PARTY

BROWN, L.L.

MOODYMAN, W.

GUIZADO, G.

DOMINGUEZ, C.

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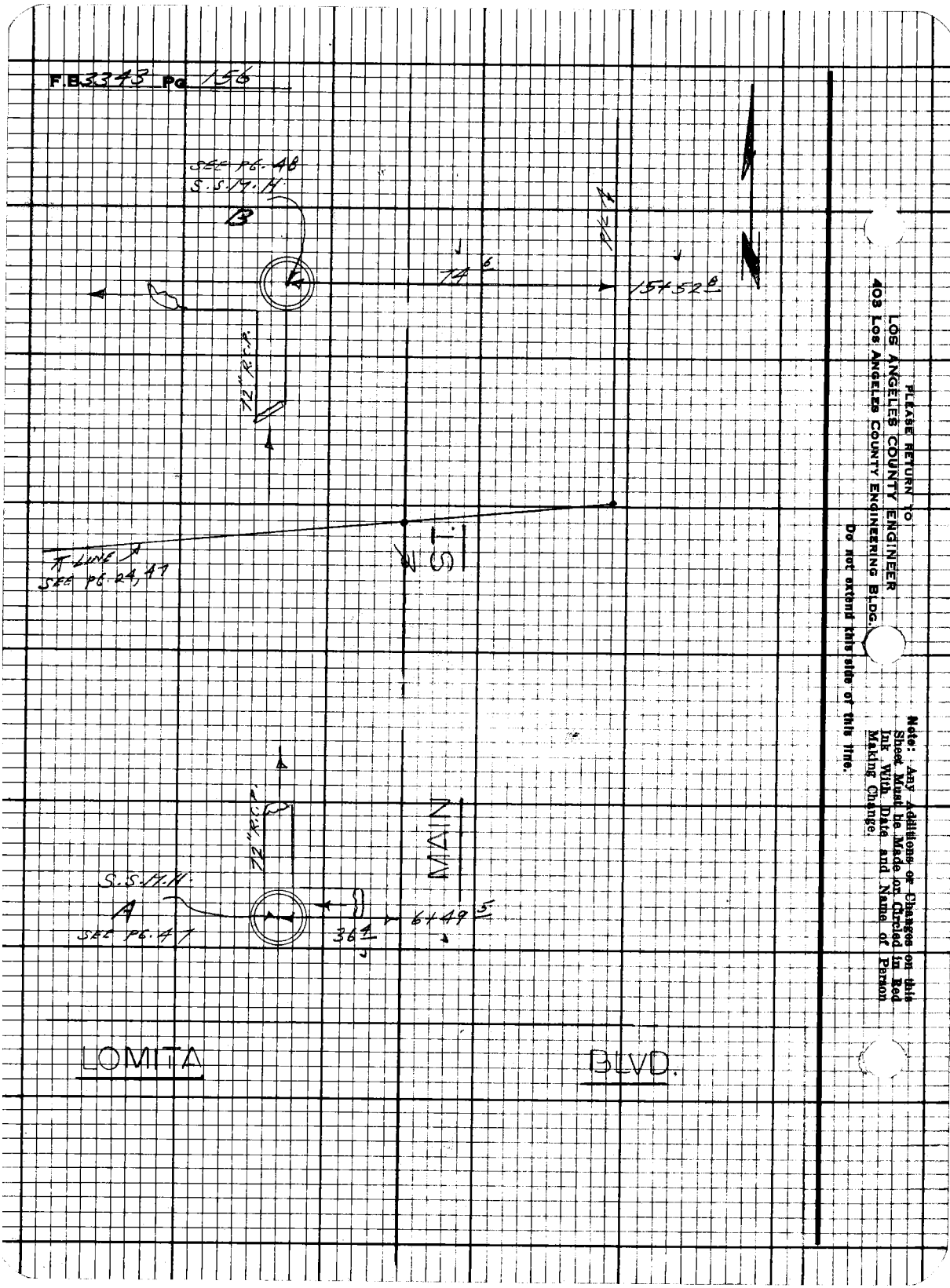
F.B. 3343 Pg. 156



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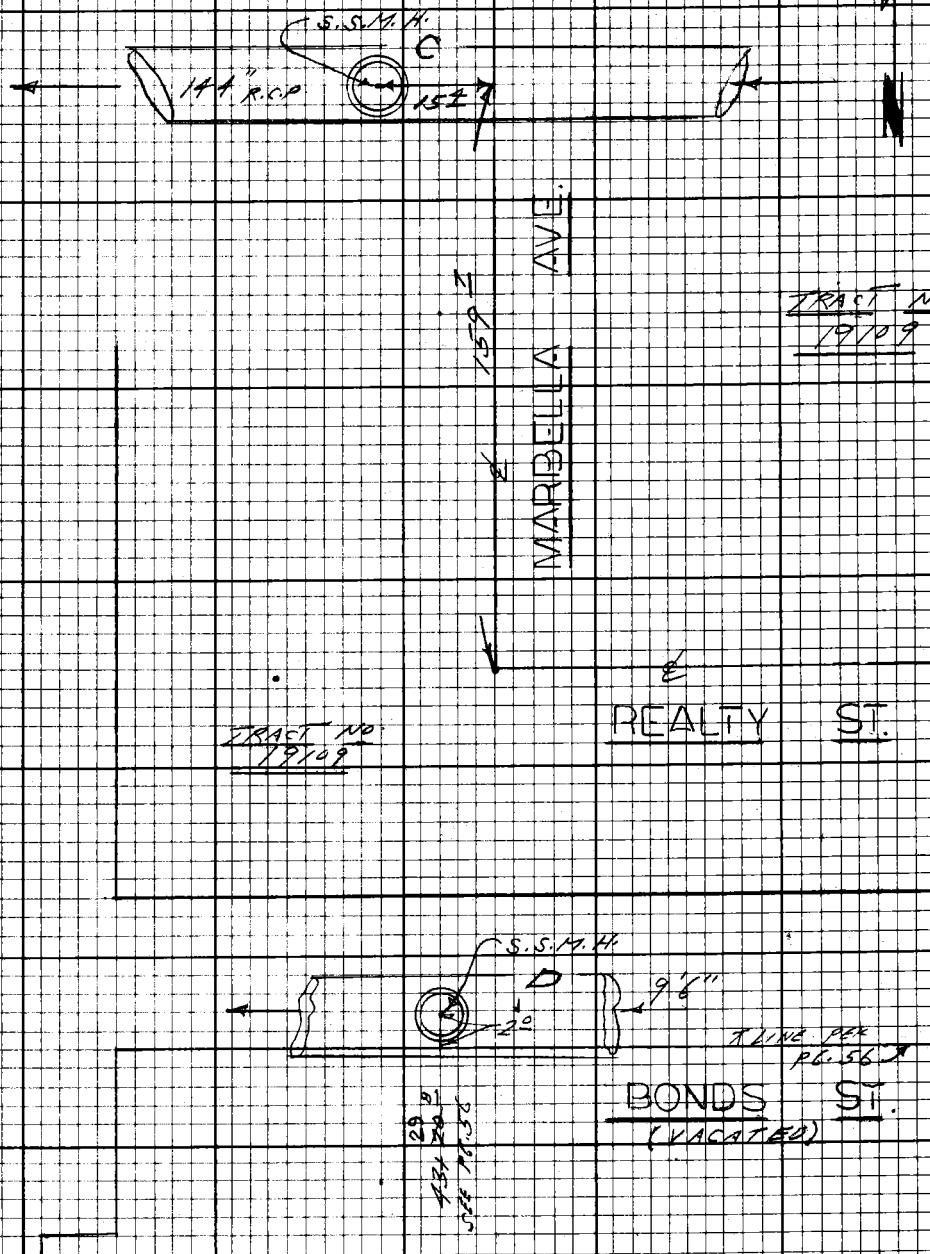
Notes Ck'd by J. Cavafolo	Survey of PANAMA AVE. S.D.
Map No.	JN 6116.92 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 5-27-69
Date	Indexed C.J. GALLI MAY 29 '69

F.B. 3343 PG. 157



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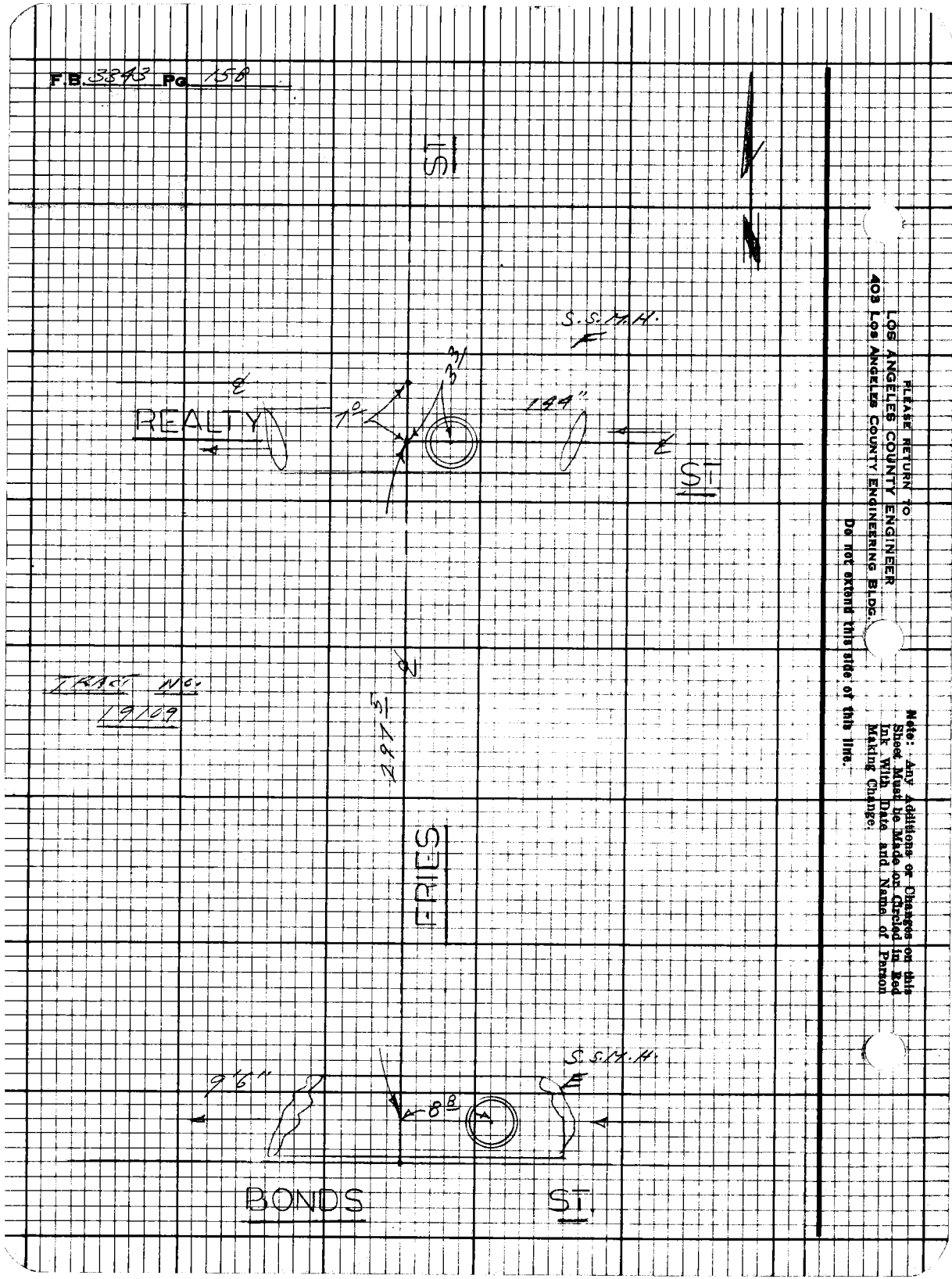
F.B. 3843 Pg. 158



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F. B. 3343 Pg. 159

Profile No.	Notes Red	Plotted	Job No. 6116-90	Division No.
	Date	Date	Survey of PANAMA AVE. S.D.	
X-Sec. No.	Notes Cakd.	Checked	Survey by L.L. BROWN	Notes L.L.B. Date 5-27-69
	Date 6-3-69	Date	Map No.	Indexed C. J. GALLI Date NOV 29 '69

PANAMA AVE.

STORM DRAIN

PROJECT NO. 690

J.N. 6116.90

INVERT ELEVATIONS ON S.S.M.H.'S

NOTE: USED LENKER ROD.

PARTY

BROWN, L.L.
MOODYMAN, W.
GUIZADO, G.
DOMINGUEZ, C.

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

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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	MAIN	ST.
B.M. S.D. 1122				31 73	B.M. S.D. 1122 ELEV. 31.734 F.B. 3343-12 MAIN ST. 590'± N. OF LOMITA BLVD. ON W. SIDE OF MAIN @ P/L ± ON TOP CTR. OF HD. WALL FOR DRAIN FD. L.&T. MKD. B.M.	
S.S.M.H. A SEE PG. 47 & 156 FOR LOCATION	N.RIM. = 39.77 S.RIM. = 39.81 MEAN RIM = 39.79			39 79	MEAN RIM S.S.M.H.	MEAN RIM = 39.79 − 27.40
				12 39	℄ INVERT 72" R.C.P.	12.39
S.S.M.H. B SEE PG. 48 & 156 FOR LOCATION	N.RIM = 32.19 S.RIM = 32.22 MEAN RIM = 32.20			32 20	MEAN RIM S.S.M.H.	MEAN RIM = 32.20 − 20.54
				11 66	℄ INVERT 72" R.C.P.	11.66
B.M. S.D. 1123				38 20	B.M. S.D. 1123 ELEV. 38.200 F.B. 3343-13 MAIN ST. 1180'± N. OF LOMITA BLVD. @ ENTRANCE TO PUREX CO. ON N. CURB OF DRIVEWAY 29.4' E. OF END OF CURB L.&T. MKD. B.M.	

F.B. 3343 PG. 160

Job No. 6116 90 Division No. Notes Red Plotted Profile

Survey of PANAMA AVE. S.D. Date Date No. X-Sec.

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. J. Cavataio Checked

Indexed C. J. GALLI Date Date 6-3-69 Date No.

76-1-298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M.S.D.1126				33 04	B.M.S.D.1126 ELEV. 33.040 F.B. 3343-14 WEST END OF BOND ST. (VACATE) APPROX. ℄ OF DRAIN - FD. L.A.CO. ROAD DEPT. MON. DN. 24"	
S.S.M.H. C. SEE PG. 157 TOP FOR LOCATION	N RIM 33.65 S RIM 33.65 MEAN RIM = 33.65			33 65 11 90	MEAN RIM S.S.M.H. ℄ INVERT 144" R.C.P.	MEAN RIM = 33.65 − 21.75 11.90
S.S.M.H. D SEE PG. 56 & BOT. PG. 157 FOR LOCATION	E. RIM 31.50 W. RIM 31.50 MEAN RIM = 31.50			31 50 9 35	MEAN RIM S.S.M.H. ℄ INVERT 9'6"	MEAN RIM = 31.50 − 22.15 9.35
B.M.S.D.1125				32 ~~39~~ 40	B.M.S.D.1125 ELEV. 32.402 F.B. 3343-14 ON PUREX PROPERTY 300'± S. ~~TK~~ 2' W. OF N.E. COR. PROD. ON TOP CURB 5' S. OF N. END BT. SPK. IN CURB	

Profile Notes Red ____ Plotted ____ Job No. 6116 90 Division No. ____
No. ____ Date ____ Date ____ Survey of PANAMA AVE. S.D.
X-Sec. Notes Checked Cavataio Survey by L.L. BROWN Notes L.L.B. Date 5-27-69
No. ____ Date 6-3-69 Date ____ Map No. ____ Indexed C. J. GALLI Date MAY 29 '69

F.B. 3343 PG. 161

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. S.D. 1127				34 30	B.M. S.D. 1127 ELEV. 34.295 F.B. 3343-14 ON BONDS ST. (VACATED) 80' E. OF PANAMA AVE. (VACATED) ON N. CURB BT. SPK. ON CONC. CURB	
S.S.M.H. E SEE PG. 158 FOR LOCATION		W. RIM = 34.25 E. RIM = 34.17 MEAN RIM = 34.21		34 21	MEAN RIM S.S.M.H.	MEAN RIM = 34.21 − 23.95 10.26
				10 26	℄ INVERT 9'6"	
S.S.M.H. F SEE PG. 158 FOR LOCATION		W. RIM = 34.85 E. RIM = 34.81 MEAN RIM = 34.83		34 ~~85~~ 83	MEAN RIM S.S.M.H.	MEAN RIM = 34.83 − 22.55 12.28
				12 28	℄ INVERT 144"	
B.M. S.D. 1128				34 ~~57~~ 55	B.M. S.D. 1128 ELEV. 34.553 F.B. 3343-15 ON PANAMA AVE. (VACATED) ON E. CURB ON APPROX. ℄ PROD. OF PACIFIC AVE. BT. SPK. IN CURB.	

F.B. 3343 PG. 162

Job No. 6116 90 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of PANAMA AVE. S.D. Date ____ Date ____ No. ____

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. J. Cavataio Checked ____ X-Sec. ____

Indexed C.L. GALLI Date ____ Date 6-3-69 Date ____ No. ____

Notes Ck'd by	Survey of S.D. # 690
Map No.	JN 611690 Tape 0249 Std 68°F
Office Work	Surveyed by W.A. RICHARDS
Checked	Notes W.A.R. Date 8-69
Date	Indexed C.J. GALLI SEP 1 8 '69

F.B 3343 PG. 163

J.N. 6116.90

STORM DRAIN PROJECT NO. 690

PANAMA AVE.

(WILMINGTON AREA)

ADDITIONAL WORK.

TRANSIT LINE, TOPOGRAPHY, & CROSS-SECTION SURVEYS TO INCLUDE THE LATEST ALIGNMENT FROM LOMITA BLVD. NORTHEASTERLY TO BONDS ST.

PREVIOUS SURVEYS SHOWN IN FB. 3343 PGS. 5-162

SURVEY FILE NO. 4730-C

TRANSIT LINE SURVEY	PG. 163 - 172, INC.
ADDITIONAL TOPOGRAPHY	" 173 -
" " CROSS-SECTIONS	"

RICHARDS
WILKS
BANKSON
TURRILL
GOODWIN

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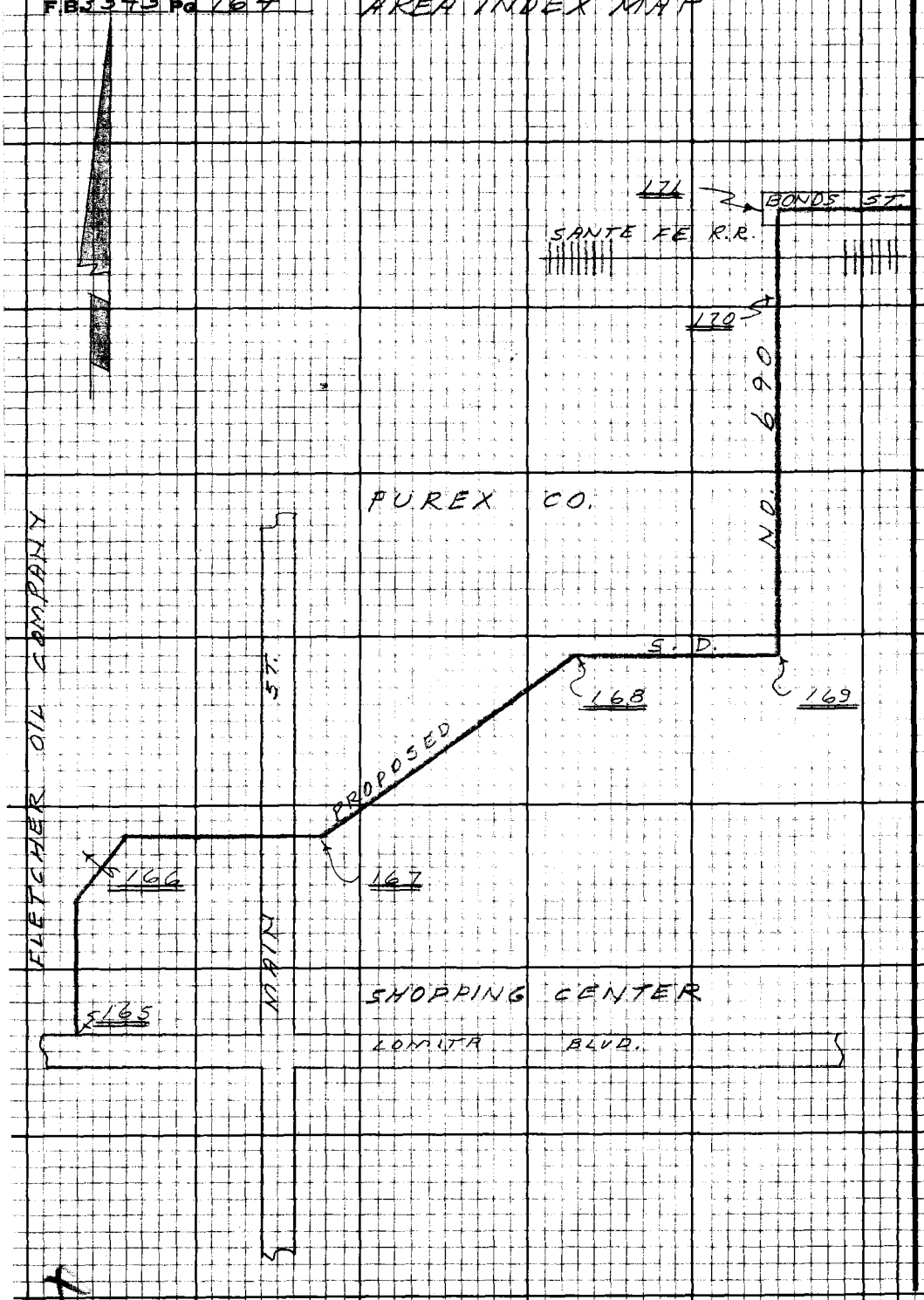
FB 3343 Pg 164

AREA INDEX MAP



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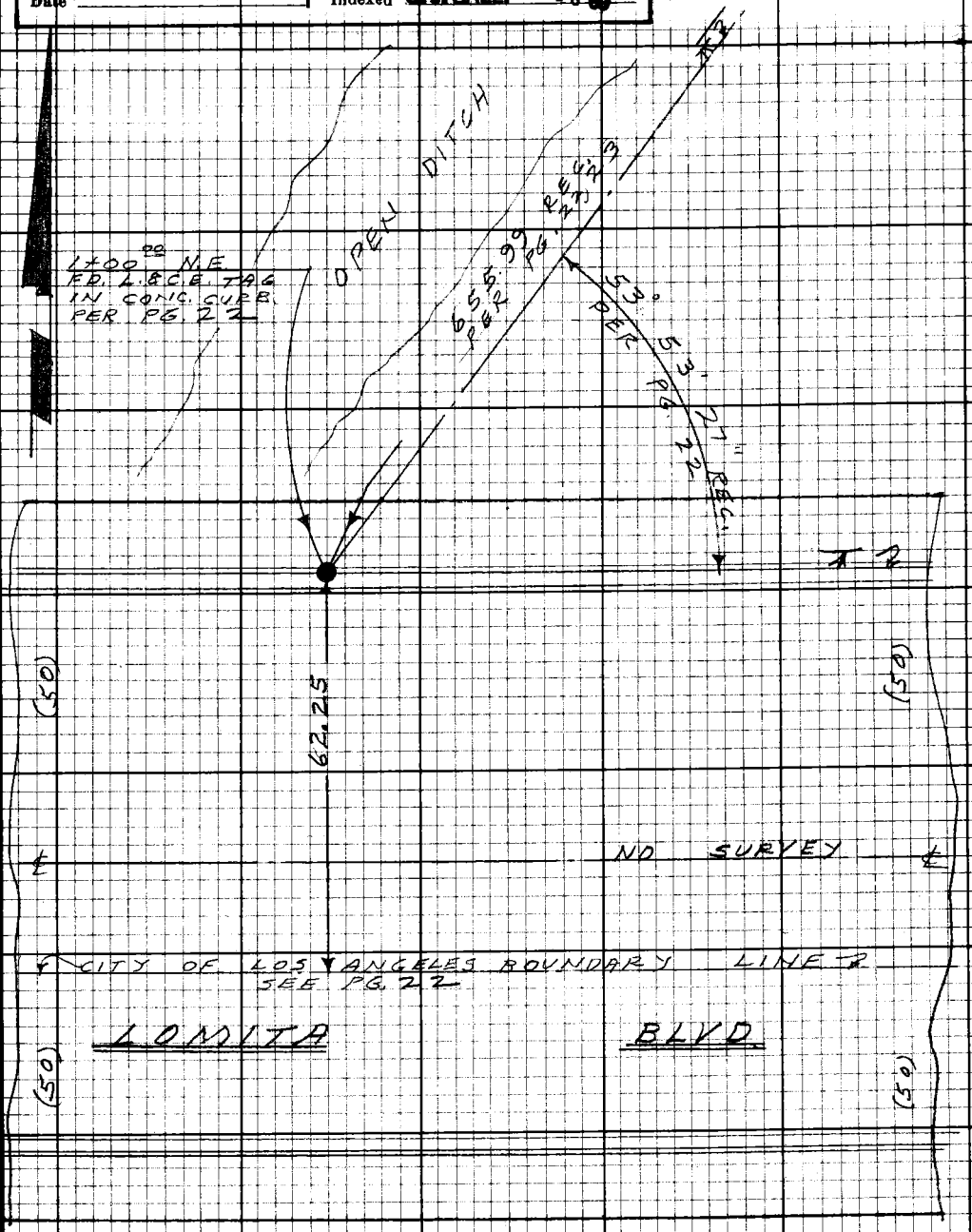
Notes Ck'd by	Survey of S.D. # 690
Map No.	JN 611690 Tape 0249 Std 68°F
Office Work	Surveyed by RICHARDS
Checked	Notes RICHARDS Date 8-69
Date	Indexed C.J. GALLI SEP 1 8 '69

F.B. 3343 PG. 165

TO BOT. PG. 166



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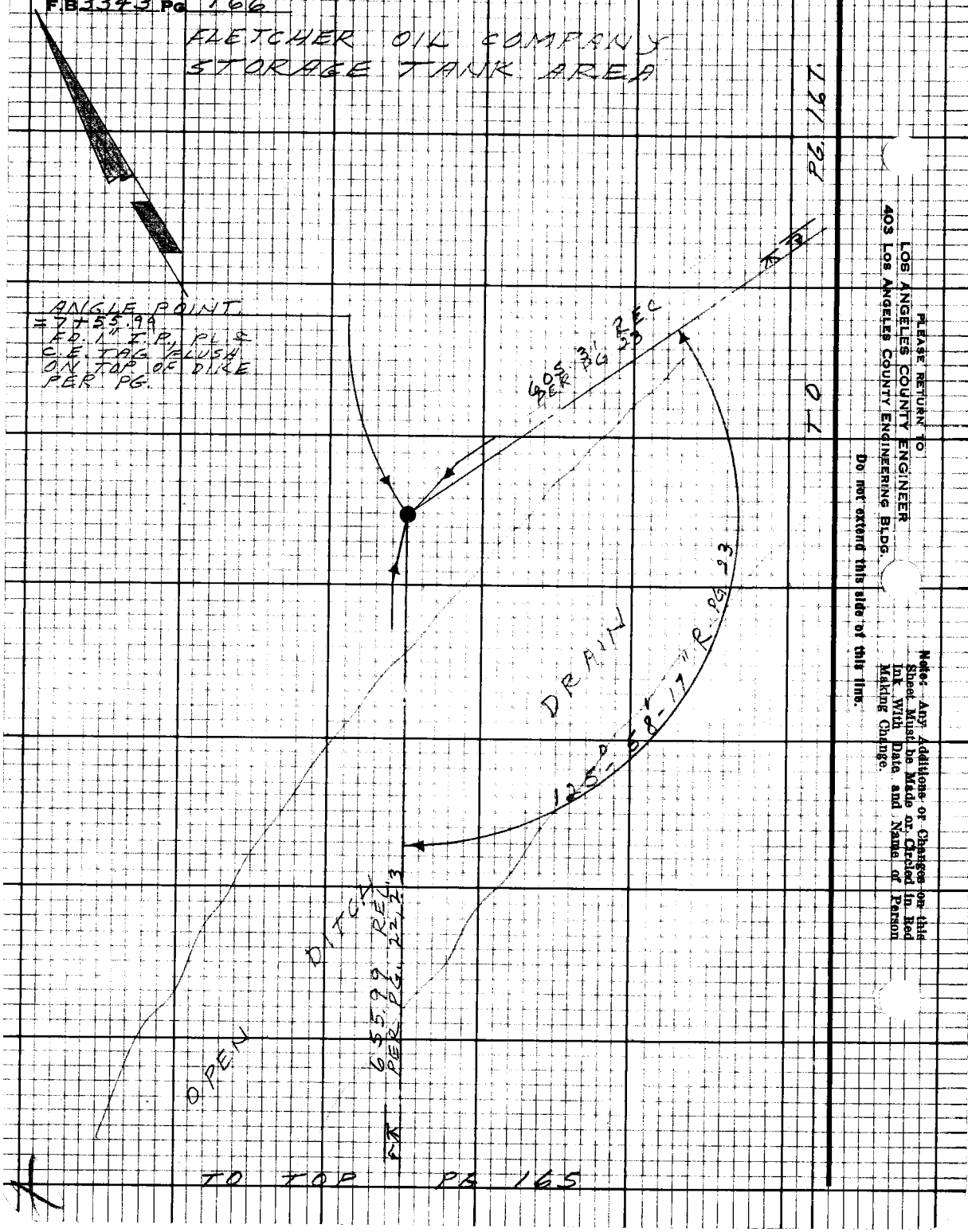
76F3098 CE#310 9-67

F.B. 3343 Pg. 166

FLETCHER OIL COMPANY
STORAGE TANK AREA



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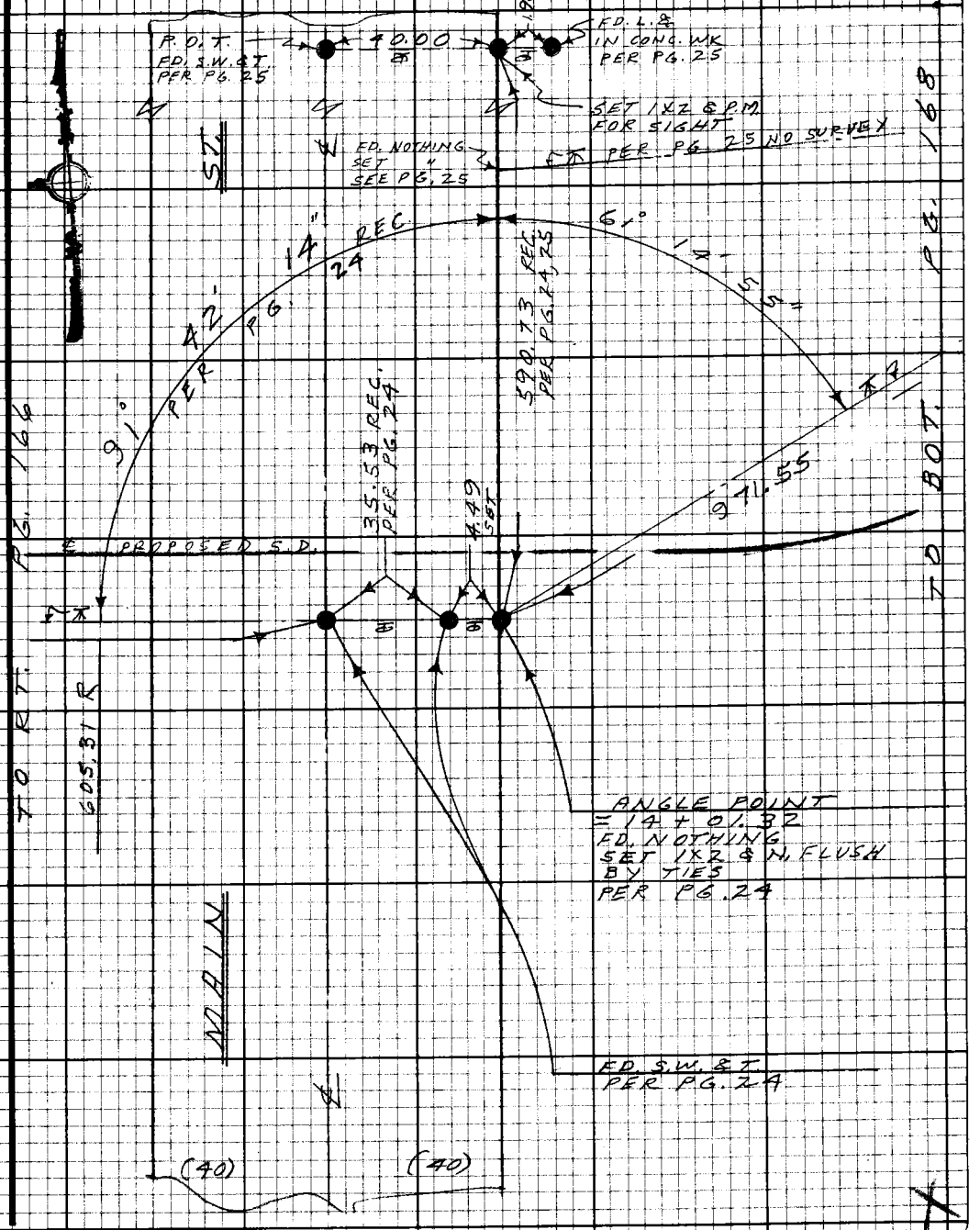
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of S.D. # 690
JN 4690 Tape 0299 Side 68 F
Surveyed by RICHARDS
Notes RICHARDS Date 8-69
Indexed D. J. GALLI SEP 1 8 69

F.B 3343 PG 167

1. 61° 14' 50"
4. 244° 59' 40"
6. 07° 29' 20"
= 61° 14' 53 1/3"

971.44 T = 86° = 971.55



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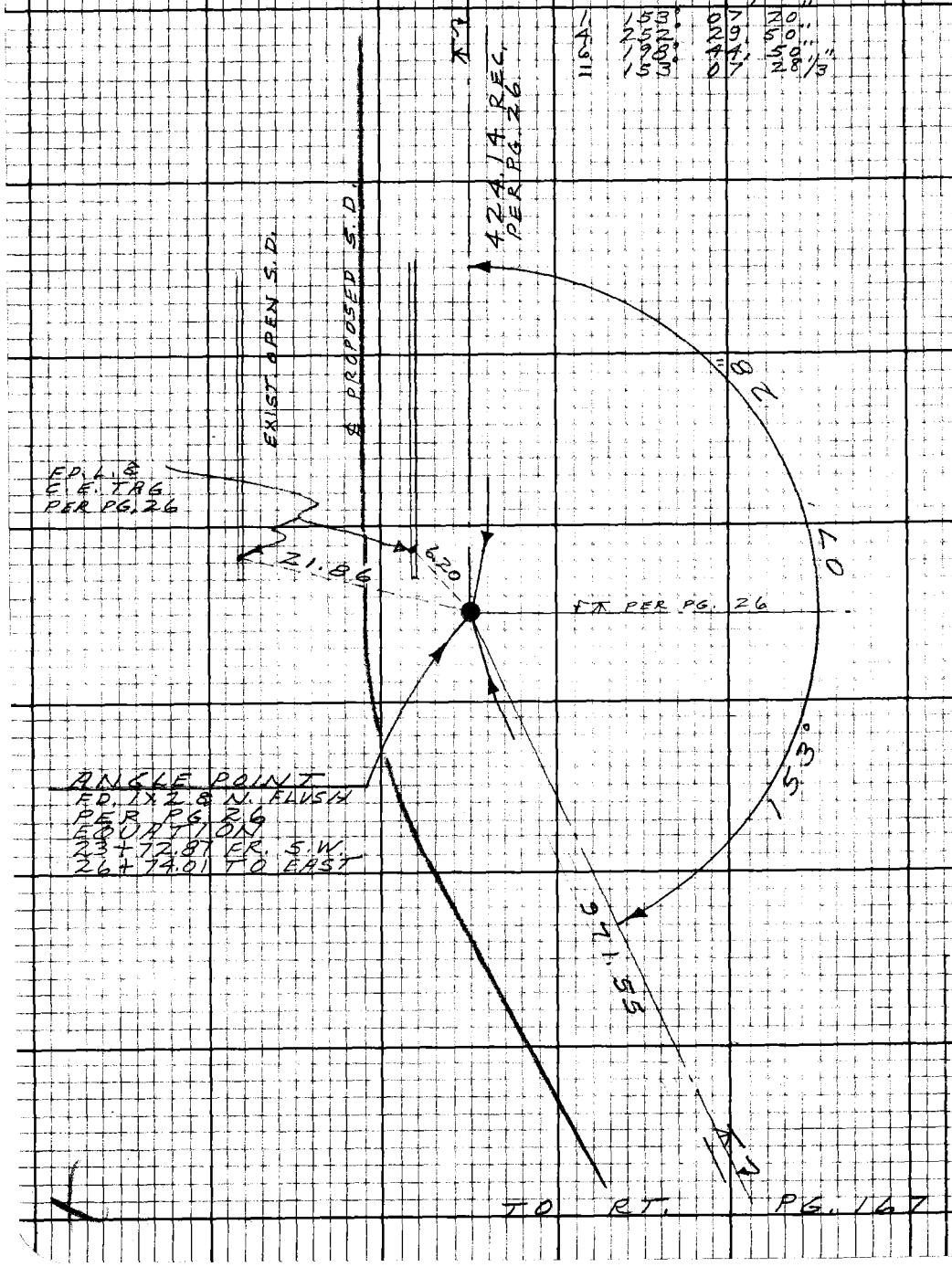
76F3098 CE#310 9-67

F.B. 3343 Pg. 168

TO LT. PG. 169.

1	153°	07'	20"	
2	252°	29'	50"	
3	198°	44'	50"	
4	155°	07'	28 1/3"	



ANGLE POINT
ED. 1X2 & N. FLUSH
PER PG. 26
LOCATION
23+72.87 FT. 5.W.
26+74.01 TO EAST

TO RT. PG. 167

PLEASE RETURN TO
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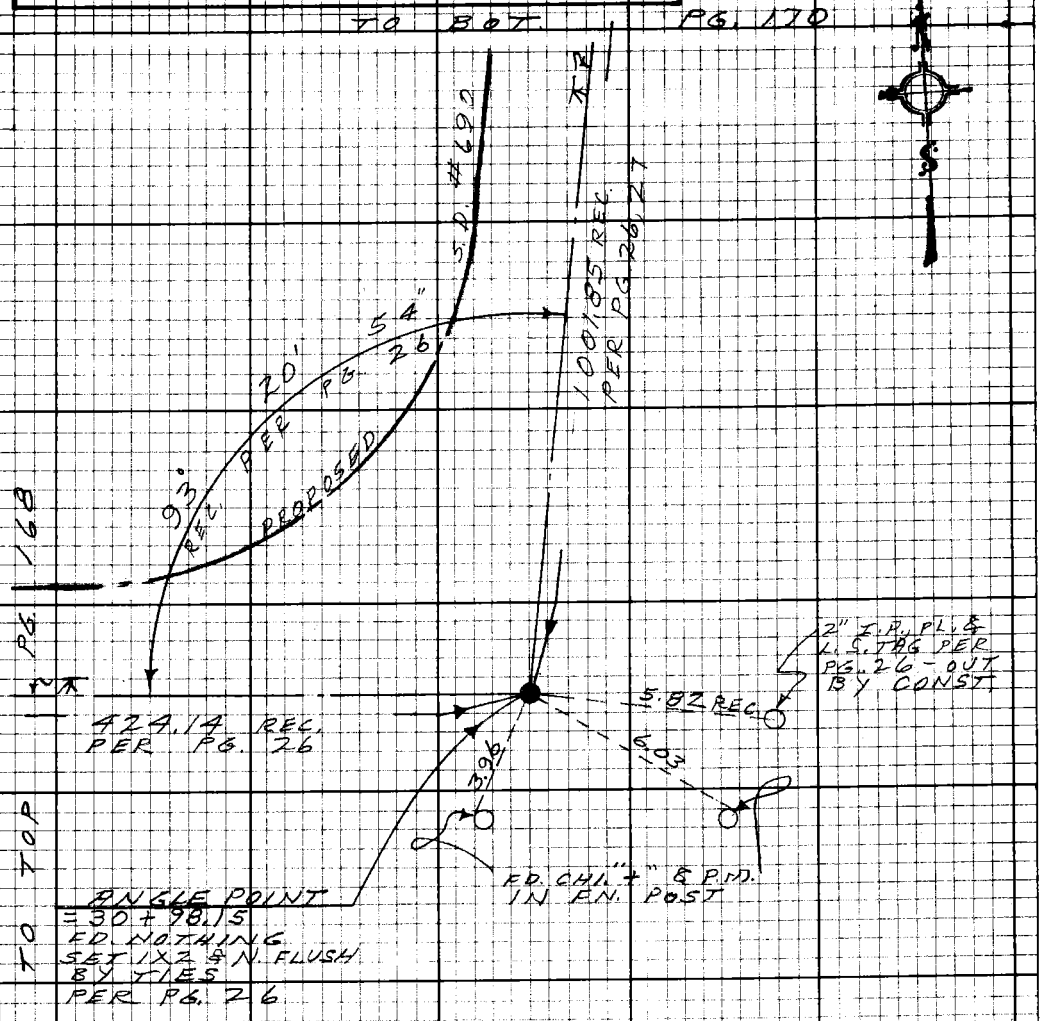
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of S.D. # 690
Map No.	JN 61169 Tape 0249 Std 68°F
Office Work	Surveyed by RICHARDS
Checked	Notes RICHARDS Date 8-69
Date	Indexed C.J. GALLI SEP 1 5 '69

F.B. 3343 PG. 169



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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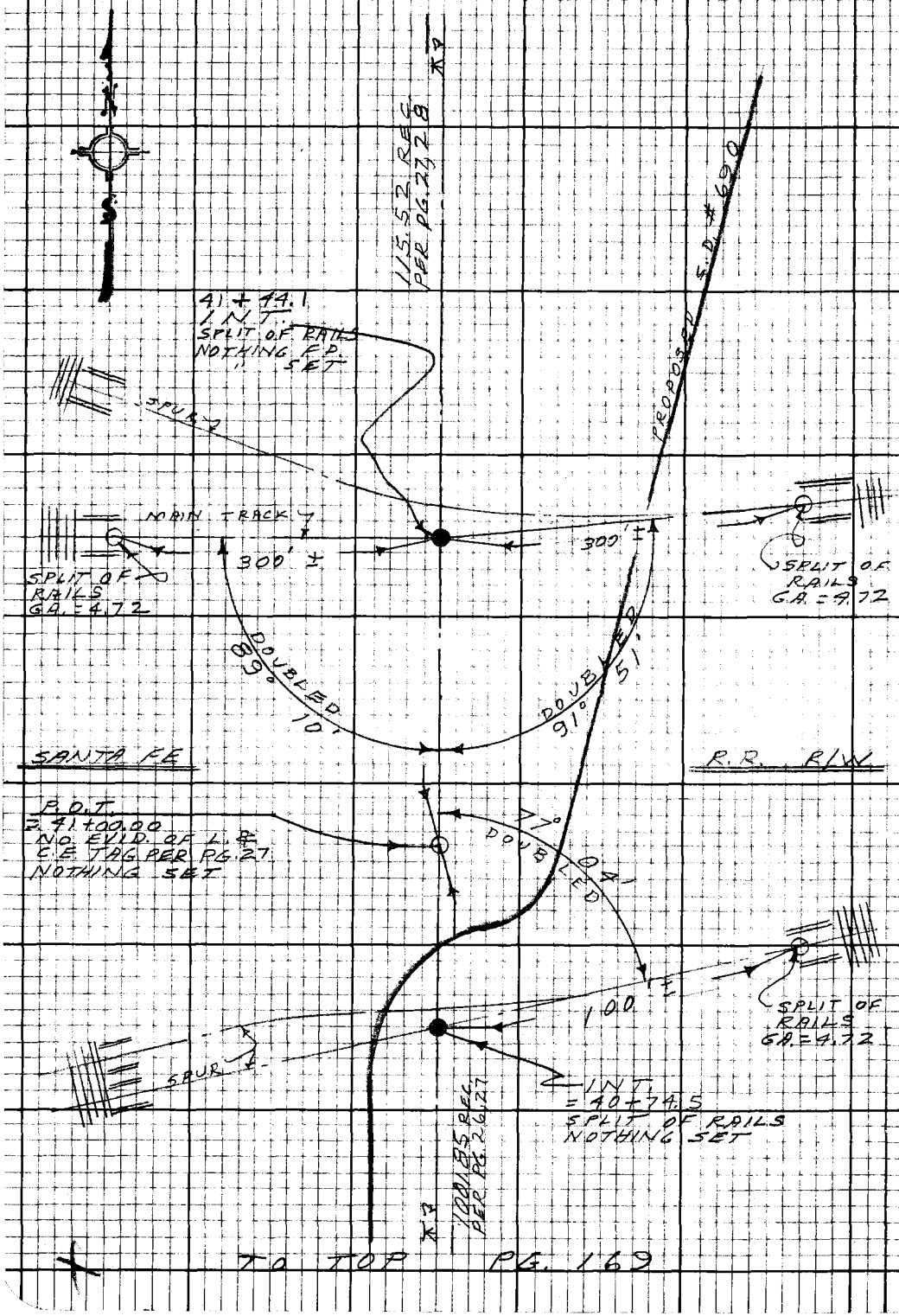
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3343 Pg. 170 TO PG. 171



TO TOP PG. 169

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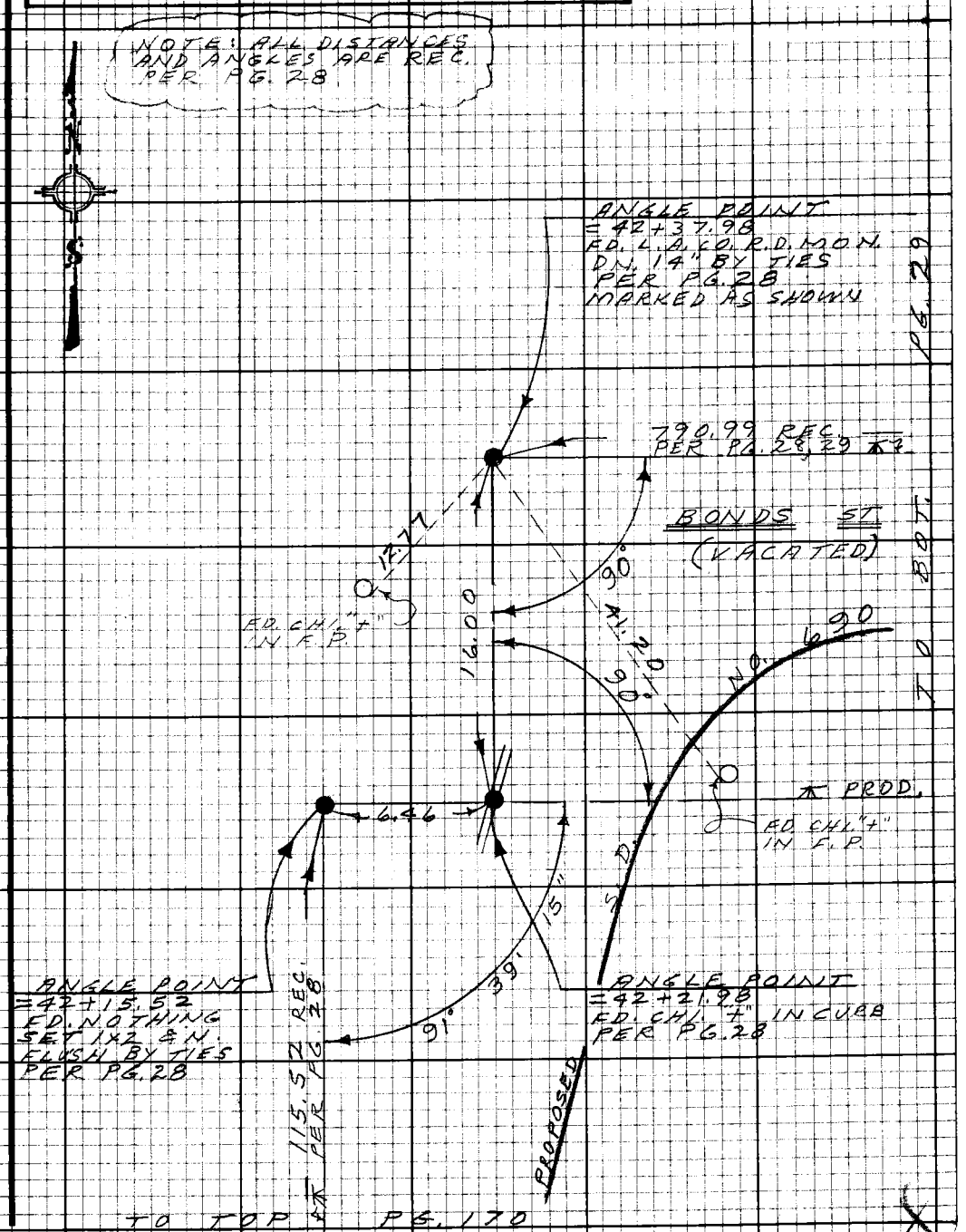
Note: Any Additions or Changes on this Sheet Must be Made on Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of S.D. # 690
Map No.	J.N. 6116.90 Tape 0249 Std 68°F
Office Work	Surveyed by RICHARDS
Checked	Notes RICHARDS Date
Date	Indexed [illegible]

F.B. 3343 PG. 171



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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3093 CE#310 9-67

BLANK

F.B. 3343 Pg. 172

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403 Los Angeles County Engineering Bldg.

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

Survey of S.D. # 690
JN 6116.90 Tape 0249 Std 68-F
Surveyed by RICHARDS
Notes RICHARDS Date 9-69
Indexed C. L. GALLI SEP 1 5 '69

F.B. 3343 Pg. 173

J.N. 6116.90

PANAMA AVE. S.D.

PROJECT NO. 690

(ADDITIONAL WORK)

TOPOGRAPHY FROM 1+00 TO 41+00 ±, SHOWING ADDITIONS TO ORIGINAL SURVEY.

RICHARDS
WILKS
TURRILL
GOODWIN

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.

785398 CE#310 9-67

F.B. 3343 Pg 174

BLANK

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

Survey of PANAMA AVE
JN 616.90 Tape Std °F
Surveyed by RICHARDS
Notes DAN Date 9/69
Indexed C.T. GALLI SEP 15 '69

F.B. 3343 PG. 175

S.D. # 690
J.N. 616.90
SUPPLEMENTAL TO PDGE AFHY

9/69

1400 - 12+38½

RICHARDS
WILKS
THERICK
GOODWIN

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765098 CE#310 9-67

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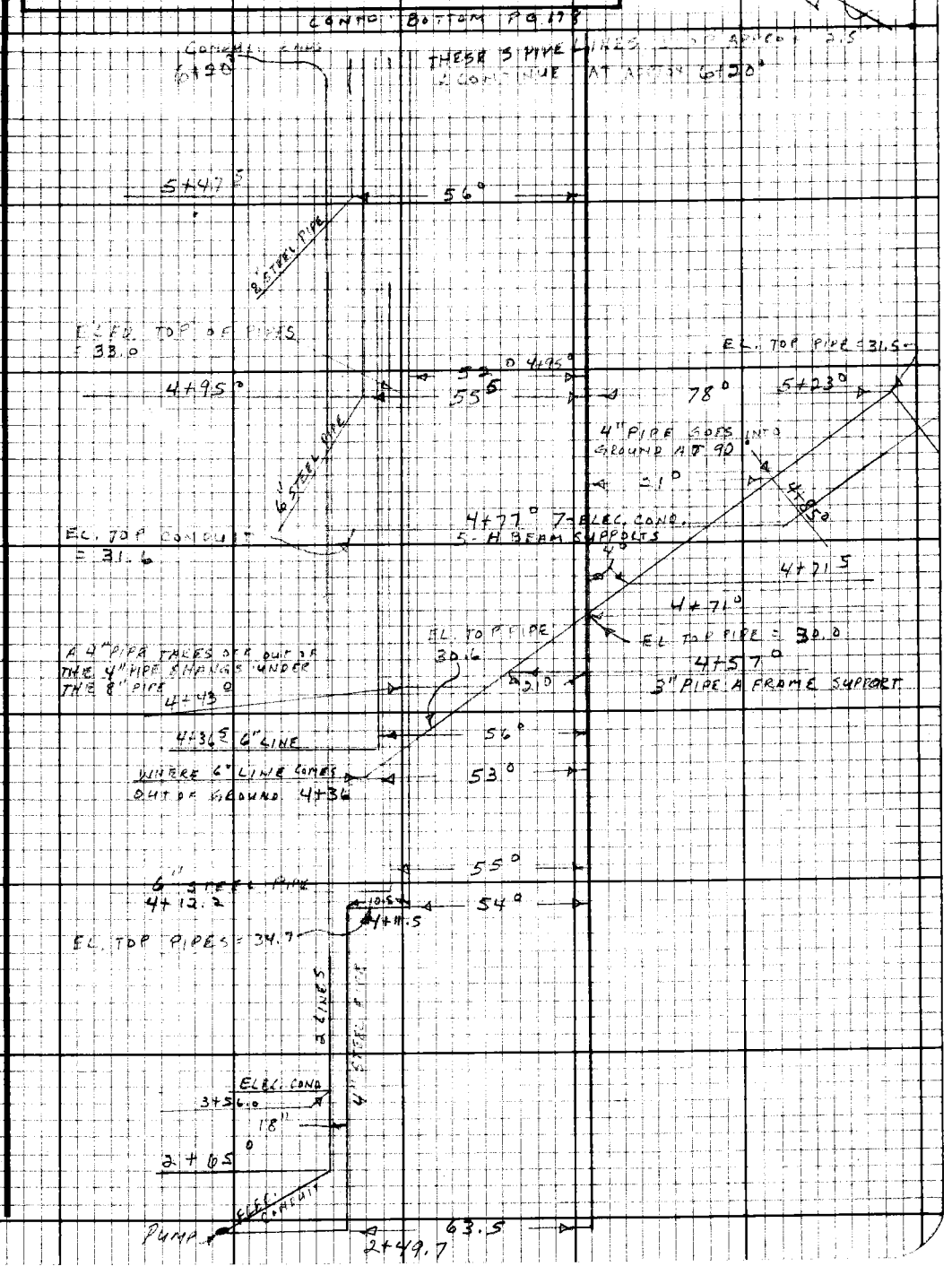
F.B. 3343 PG 176

Notes Ck'd by	Survey of [illegible]
Map No.	JN 616.90 Tape Std °F
Office Work	Surveyed by RICHARDS
Checked	Notes WILES Date 9/67
Date	Indexed C. J. GALLI SEP 18 '68

F.B. 3343 PG. 177



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
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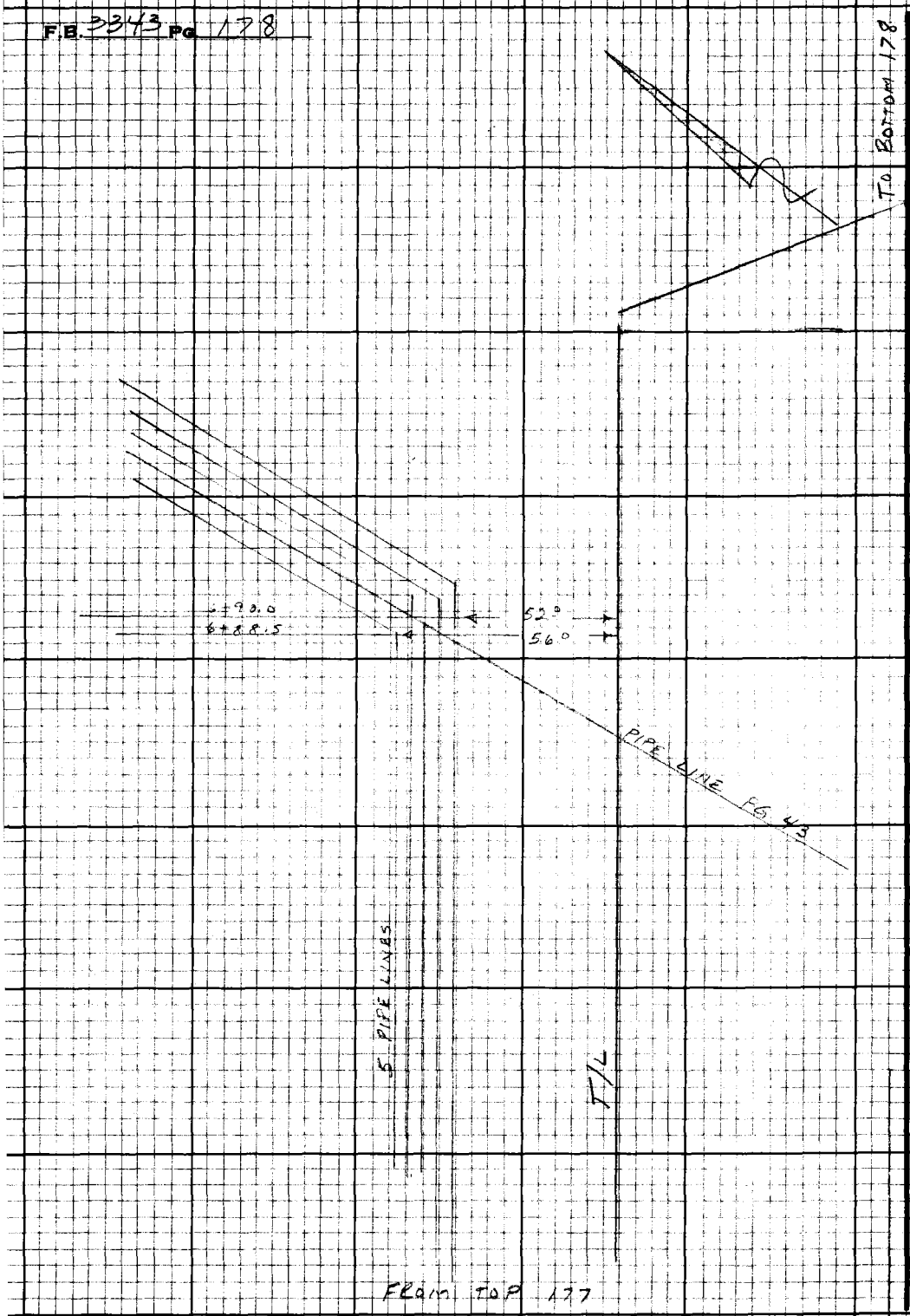
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3343 Pg. 178



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403 Los Angeles County Engineering Bldg.

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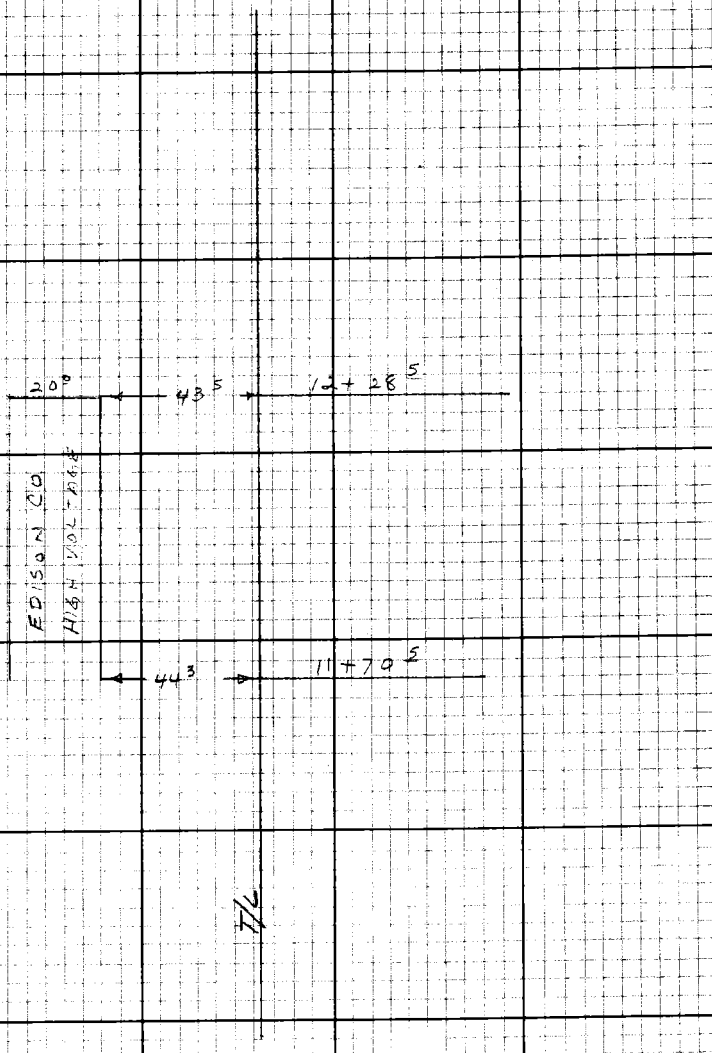
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of PANAMA AVE
Map No.	JN 6116.90 Tape Std °F
Office Work	Surveyed by RICHARDS
Checked	Notes DON Date 9/69
Date	Indexed D. L. GALLI SEP 18 [illegible]

F.B. 3343 PG. 179



FROM RT. PG. 178

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.

76E3098 CE#310 9-67

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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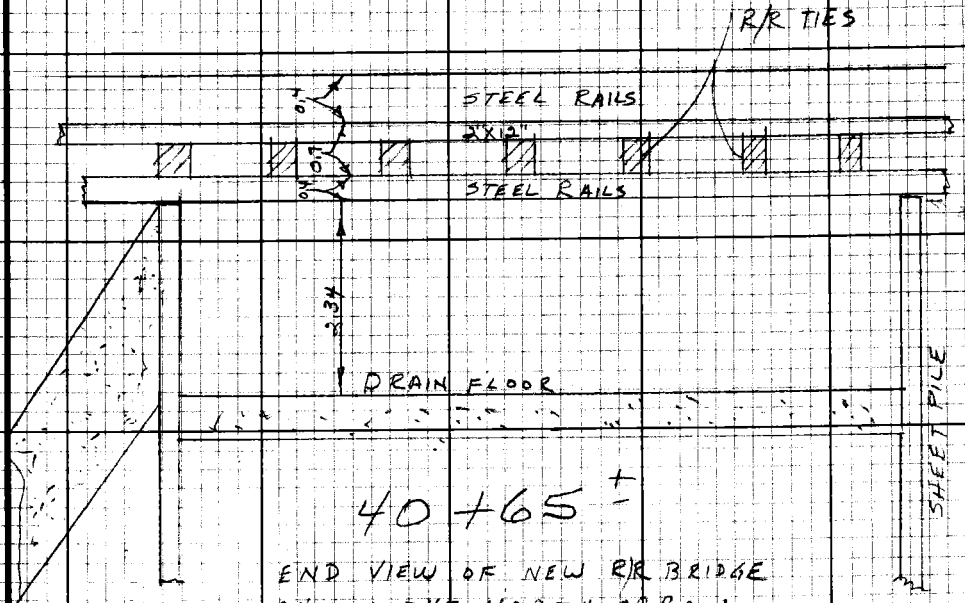
FB 3343 PG 180

Notes Ck'd by	Survey of S.D. #690
Map No.	JN 6116.90 Tape 0249 Std 68 °F
Office Work	Surveyed by RICHARDS
Checked	Notes DON Date 8-69
Date	Indexed D.J. GALLI SP 1 5 70

F.B. 3343 PG. 181



40+65 ±

END VIEW OF NEW R/R BRIDGE
CHECK THE NORTH ARROW
(LOOKING NORTH)

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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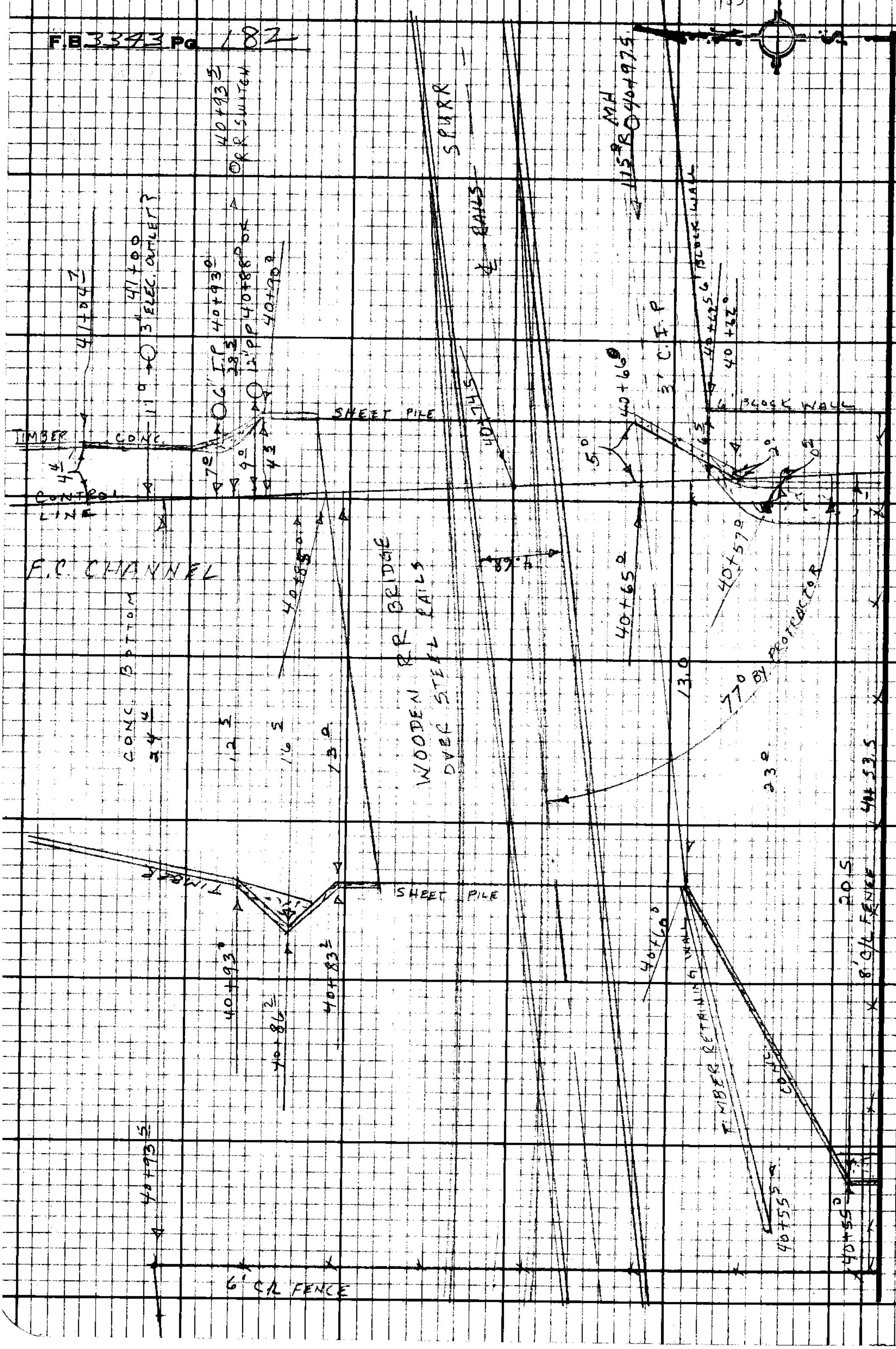
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE# 310 9-67

F.B 3343 Pg 182



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

Profile No.	Notes Red	Plotted	6116.90 Job No.	Division No. 11	F. B. 3343	PG. 18
	Date	Date	Survey of S.D. # 690			
X-Sec. No.	Notes Chk'd.	Checked	Survey by RICHARDS	Notes RICHARDS	Date 8-69	
	Date	Date	Map No.	Indexed C. J. GALLI	Date SEP 15 '80	

J.N. 6116.90

STORM DRAIN PROJECT NO. 690

PANAMA AVE.

CROSS-SECTIONS

(ADDITIONAL WORK)

FROM LOMITA BLVD. TO BONDS ST.

RICHARDS
WILKS
BANKSON
GOODWIN
TURRILL

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

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66 11.8 / 13.8 12.0 11.0

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S.D. #690 - [illegible]	
					LT.	RT.
B.M.S.D.1120	8.42	35.20		26.78	B.M.S.D.1120 EL. = 26.782 FB. 3343-12	
					LOMITA BLVD., N. SIDE, 360'± W/O FRIGATE AVE.	
					BT. SPK. IN CURB, 1' E/O E. END OF S.D. HOWL	
2+00			5.5	29.7		10^{3} T. DYKE
			5.5	29.7		12^{3} "
			13.8	21.4		20^{8} B. DYKE
			14.0	21.2		35^{0} GROUND
			17.8	17.4	12^{0} BOT. DITCH.	
			17.8	17.4	29^{5} " "	
			2.0	33.2	57^{5} TOP DYKE	
			2.0	33.2	64^{0} " "	
			9.3	25.9	76^{3} BOT. "	
			9.2	26.0	100^{0} GROUND	

F. B. 3343 Pg. 184 Job No. 611690 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of S.D. #690 Date ___ Date ___ No. ___
Survey by RICHARDS Notes W.A.R. Notes Chk'd. ___ Checked ___ X-Sec. ___
Indexed C.J. GALLI Date ___ Date ___ Date ___ No. ___

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S.D. #690 - ⊼ LINE LT.	RT.
		35.20				
3+00			5.8	29.4		11 5 TOP DYKE
			5.8	29.4		13 5 " "
			14.0	21.2		22 0 BOT. "
			13.8	21.4		37 0 GROUND.
			17.3	17.9	9 5 BOT. DITCH.	
			17.3	17.9	26 5 " "	
			1.4	33.8	57 0 TOP DYKE.	
			1.4	33.8	65 0 " "	
			8.9	26.3	78 0 BOT "	
			8.9	26.3	100 0 GROUND.	
3+50			5.6	29.6		13 0 TOP DYKE
			5.6	29.6		15 0 " "
			14.3	20.9		23 5 BOT. "
			14.2	21.0		38 5 GROUND.
			17.7	17.5	7 0 BOT. DITCH.	
			17.2	18.0	22 5 " "	
			1.4	33.8	58 0 TOP DYKE	
			1.4	33.8	64 5 " "	
			8.8	26.4	78 5 BOT. "	
			8.8	26.4	90 0 GROUND	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of S.D. #690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed G.L. GALLI Date SEP 1 1 1 9

F. B. 3313 Pg.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S.D.# 690 - ⊼ LINE LT.	⊼ RT.
		35.20				
4+00			5.8	29.4		13.5 TOP DYKE
			5.8	29.4		15.5 " "
			14.3	20.9		24.0 BOT. "
			13.2	22.0		GROUND.
			17.8	17.4	5.0 BOT. DITCH.	
			17.3	17.9	23.5 " "	
			1.4	33.8	59.0 TOP DYKE	
			1.4	33.8	66.5 " "	
			8.8	26.4	79.0 BOT. "	
			8.9	26.3	100.0 GROUND.	
4+50			5.8	29.4		15.0 TOP DYKE
			5.8	29.4		17.0 " "
			14.5	20.7		25.5 BOT. "
			15.0	20.2		40.5 GROUND.
			17.8	17.4	2.0 BOT. DITCH.	
			17.4	17.8	21.0 " "	
			1.1	34.1	61.0 TOP DYKE	
			1.1	34.1	65.0 " "	
			9.0	26.2	BOT. "	
"			8.8	26.4	GROUND.	

F. B. 3343 Pg. 186
Job No. 6116.90 Division No. 11 Notes Red Plotted Profile
Survey of S.D. # 690 Date Date No.
Survey by RICHARDS Notes W.A.R. Notes Chk'd. Checked X-Sec.
Indexed C. L. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S.D. # 690 - ⊼ LINE	
		35.20			LT. ⊼	RT.
T. P.			1.13	34.07		
	0.67	34.74				
5+00			16.4	18.3		4° BOT.
			5.8	28.9		47° TOP
			5.3	29.4		67° "
			3.3	31.4		100° GROUND
			16.8	17.9	4° BOT.	
			14.3	20.4	20° BOT. DIKE	
			0.7	34.0	64° TOP. "	
			8.3	26.9	79° BOT. "	
5+50			12.5	22.2		⊼
			16.3	18.4		16.5 BOT.
			16.3	18.4		25° "
			11.0	23.7		53° "
			2.8	31.9		66° TOP FILL
			2.5	32.2		100° GD. "
			5.2	29.5	48° BK.	
			0.6	34.1	64° TOP DIKE	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of S.D. # 690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date SEP 1 5 1969

F.B. 3343 PG. 187

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	S.D. #690 - ⊼ LINE	
		34.74			LT.	⊼ RT.
5+50			8.4	26.3	78° BOT. DIKE	
			8.5	26.2	100° GROUND.	
5+79°			5.7	29.0		⊼ TOP BK.
6+00			5.6	29.1		⊼
			5.5	29.2		8° BK.
			16.0	18.7		28° BOT.
			16.0	18.7		35° "
			15.8	18.9		60° "
			4.7	30.0		75° TOP FILL
			4.9	29.8		100° GROUND "
			5.4	29.3	25° GD.	
			3.6	31.1	51° BK.	
			0.5	34.2	62° TOP DIKE,	
			8.1	26.6	81° BOT. "	
			8.5	26.2	100° GD,	
6+15			5.3	29.4		⊼ TOP BK.
6+30			10.8	23.9		⊼ BOT. "

F.B. 3343 Pg. 188 Job No. 6116.90 Division No. 11 Notes Red Plotted Profile
Survey of S.D. #690 Date Date No.
Survey by RICHARDS Notes W.A.R. Notes Chk'd. Checked X-Sec.
Indexed C.L.GAD Date Date Date No.

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S.D. # 690 - ⊼ LINE	
		3474			LT. ⊼	RT.
6+50			13.2	21.5		⊼ ℄ BK.
			15.9	18.8		46° BOT.
			15.9	18.8		75° "
			6.7	28.0		91° TOP
			5.5	29.2		110° GROUND
			12.7	22.0	12° BOT.	
			6.2	28.5	28° TOP.	
			5.5	29.2	60° BOT.	
			0.4	34.3	79° TOP DIKE	
			0.9	33.8	91° " "	
			8.4	26.3	112° BOT. "	
			8.4	26.3	150° GROUND.	
T.B.M.			1.94	32.80	TOP 1" I.P. ON ⊼ LINE @ STA. 7+55.99	
	1.69	34.49				

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of S.D. # 690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date SP 1 8 '68

F. B. 33 PG. 167

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S.D. #690 – LINE	
		34.49			LT. "	RT.
7+00			11.2	23.3		
			12.8	21.7		37° GROUND,
			14.7	19.8		52° DITCH.
			15.0	19.5		76° BOT. "
			7.3	27.2		97° TOP FILL
			5.6	28.9		125° " "
			10.7	23.8	41° BK.	
			9.0	25.5	50° " (ACTIVE FILL AREA)	
			5.9	29.1	69° " "	" "
7+37			10.0	24.5		BOT. DIKE.
7+54			1.9	32.6		TOP DIKE,
7+			1.9	32.6		℄ PT.
SECTION @ 90° TO			1.7	32.8	1.5 TOP DIKE	
LINE AHEAD.			9.2	25.3	16° BOT "	
			9.3	25.2	40° G.D.	

F. B. 3343 Pg. 190
Job No. 6116.93 Division No. 11 Notes Red Plotted Profile
Survey of S.D. #690 Date Date No.
Survey by RICHARDS Notes W.A.R. Notes Chk'd. Checked X-Sec.
Indexed C.J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S.D. # 690 — LINE	
		34.49			LT. ℄ NORTH.	RT. ℄ SOUT
8+00			4.3	30.2		
			9.8	24.7		10° BOT. DIKE
			12.1	22.4		26° BK.
			14.3	20.2		33° "
			15.3	19.2		62° "
			15.9	18.6		78° "
			8.0	26.5		100° TOP FILL
			5.8	28.7		125° " "
			2.3	32.2	4 5 TOP DIKE	
			2.3	32.2	7 5 " "	
			9.1	25.4	23° BOT. "	
			9.1	25.4	50° GROUND	
8+50			10.5	24.0		
			11.0	23.5		5 5 BK.
			14.0	20.5		14° "
			14.9	19.5		39° "
			15.9	18.5		40° "
			14.5	20.0		47° "
			14.5	20.0		53° "

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of S.D. # 690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date SEP 1 8 19[illegible]

F. B. [illegible] Pg. 1[illegible]

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	S.D.# 690- ⊼	LINE
		34.49			LT. ⊕ NORTH. ⊼	RT. ⊕ SOUTH
8+50			7.5	27.0		69° TOP FILL
			5.3	29.2		100° " "
			9.9	24.5	3° BOT. DIKE	
			2.3	32.2	17° TOP "	
			2.3	32.2	19.5 " "	
			9.0	25.5	35° BOT. "	
			9.5	25.0	60° GROUND	
9+00			13.5	21.0	⊼	
			14.1	20.4		6° BK.
			15.5	19.0		8° "
			15.5	19.0		13° "
			14.5	20.0		15° "
			6.7	27.8		35° TOP FILL
			4.9	29.6		55° " "
			5.7	28.8		100° " "
			10.1	24.4	13° BOT. DIKE	
			2.0	32.5	28° TOP "	
			2.0	32.5	31° " "	
			8.8	25.7	46° BOT. "	
			9.2	25.3	75° GROUND	

F. B. 3343 PG. 192 Job No. 6116.90 Division No. 11 Notes Red Date Plotted Date Profile No.
Survey of S.D. #690 Notes Date Notes Chk'd. Date Checked Date X-Sec. No.
Survey by RICHARDS Notes W.A.R. Date
Indexed C. J. GALLI

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STATION	B. S.	H. I.	F. S.	ELEV.	S.D. # 690 - ⊼	LINE
		34.49			⊼	⊼
10+00			8.5	26.0		
			5.1	29.4		8° TOP FILL
			4.6	29.9		60° " "
			13.9	20.6	12° BOT.	
			14.5	20.0	18° BK.	
			16.5	18.0	19° "	
			16.5	18.0	22° "	
			14.5	20.0	23° " BOT. DIKE	
			2.4	32.1	45° TOP "	
			2.3	32.2	48° " "	
			8.7	25.8	62° BOT. "	
			8.6	25.9	80° GROUND	
T. P.			7.99	26.50		
	7.87	34.37				

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of S.D. # 690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. B. GALLI Date SEP 18 [illegible]

F. B. 3345 PG. [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.	S.D. # 690 - ⊼ LINE.	
		34.37			LT.	⊼ RT.
11+00			3.7	30.7		7° TOP COR. DIKE
			3.4	31.0		38° " "
			12.5	21.9	9° BK.	
			14.0	20.4	10° "	
			14.6	19.8	19° "	
			12.5	21.9	22° "	
			10.0	24.4	27° "	
			1.8	32.6	46° TOP DIKE	
			1.5	32.9	49° " "	
			8.0	26.4	66°	
11+15			1.1	33.3	47° TOP COR. DIKE.	
11+54			3.3	31.1		6.5 TOP DIKE
			3.3	31.1		8° " "
			9.9	24.5		18.5 BOT. "
			10.0	24.4		23° "
			12.8	21.6	8.5 BK.	
			14.1	20.3	13.5 "	
			14.5	19.9	21.5	

F. B. Pg. 194 Job No. 6116.90 Division No. 11 Notes Red Plotted Profile
Survey of S.D. # 690 Date Date No.
Survey by RICHARDS Notes W.A.R. Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	S.D. #690 ⊼ LINE LT.	⊼ RT.
		34.37				
11+54			6.6	27.8	34° TOP DIKE - COR.	
			6.5	27.9	53° GROUND.	
12+00			3.2	31.2		6° TOP DIKE
			3.2	31.2		8° " "
			10.1	24.3		18.5 BOT. "
			10.1	24.3		25° GROUND
			14.3	20.1	13.5 "	
			14.3	20.1	21.5 "	
			5.5	28.9	34° TOP DIKE.	
			6.0	28.4	43° GROUND. - @ BLOCK [illegible]	
B.M.S.D. 1122			2.66	31.71	B.M.S.D. 1122 ELEV. = 31.73 FB. 3343 - 12 MAIN ST, W. SIDE, 590'± N/O LOMITA BLVD. L. & T. IN CONC. C.B.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
Date ____ Date ____ Survey of S.D. #690
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date SEP 18 [illegible]

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

F. B. Pg. 196 Job No. Division No. Notes Red Plotted Profile

Survey of RICHARDS Date Date No.

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

Indexed Date Date Date No.

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

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STATION	B. S.	H. I.	F. S.	ELEV.	L	LINE R
B.M. S.D.1122				31.73	B.M.SD.1122 EL.=31.734 FB. 3343-12 MAIN ST., W. SIDE, 590'± N/O LOMITA BLVD. L.ST. IN CTR. CONC. HDWL MARKED B.M.	
14+01.32				30 2		∡ PT.
	X SEC. TAKEN ALONG			32 7		100' R
	ELY P/L MAIN ST.			30 61	15' L EDGE DRAIN	
				28 62	19.5 L F/L	
				30 56	22.5 EDGE DRAIN	
				30 2	100' L	
				31 3	200 L	
15+00				30 1		
16+00				30 1		
				30 0		100' R
				31 0		150' R
				30 0	100' L	
				31 1	200' L	
	OIL WELL PAD			31 21		

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. 11 F.B. 3343 PG. 197
No. ____ Date ____ Date ____ Survey of SD # 690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARD Notes ____ Date 8-25-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date SP 1 8 [illegible]

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F. B. 3343 Pg. 198 | Job No. 6116.90 | Division No. 11 | Notes Red ____ Plotted ____ Profile
Survey of SD #690 | Date ____ Date ____ No. ____
Survey by RICHARDS | Notes Book | Notes Chk'd. ____ Checked ____ X-Sec.
Indexed C.J. GALI | Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	L	R
17+00				30 6		
18+00				30 3		
				30 9		70'R BOTTOM FILL
				34 5		75'R TOP "
				34 7		100'R
				34 8		150'R
				30 9	100 L	
				31 8	200 L	
18+30				30 6		BOTTOM BREAK
"				33 0		TOP BREAK
19+00				33 3		
20+00				33 5		
				34 0		100'R
				34 5		200'R
				34 0	75'L TOP FILL	
				31 7	81'L BOTTOM FILL	
				31 4	100 L	
				31 6	200 L	
21+00				34 2		
21+35				34 6		TOP BREAK
21+45				32 4		BOTTOM BREAK
22+00				32 2		

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STATION	B. S.	H. I.	F. S.	ELEV.	L	R
22+00				32 1		20' R BOTTOM BREAK
				34 6		26' R TOP
				34 8		100' R
				34 8		200' R
				31 2	53' L TOP BANK	
				26 1	62 L BOTTOM BANK	
22+50				31 7		
				32 4		40' R BOTTOM BREAK
				34 7		46' R TOP "
				35 0		100' R
				35 0		200 R
				31 4	27' L TOP BANK	
				26 0	37' L BOTTOM "	
T. P.				30.43	—	

Profile Notes Red ____ Plotted ____ Job No. 61 6.90 Division No. ____
No. ____ Date ____ Date ____ Survey of SD # 690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes ____ Date 8 25 69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date SEP 18 69

F. B. 3343 PG. 199

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STATION	B. S.	H. I.	F. S.	ELEV.	L	R
23+00				31 7		
				32 1		100'R
				32 6		
				31 8	10'L TOP BANK	
				26 7	18'L BOTTOM "	
23+24				31 0		EDGE BANK
23+50				31 1		5'R TOP BANK
				27 7		
				32 1		100'R
				32 5		200 R
				28 62	END CONC. CULV. ON S SIDE	
					EL. = 2862 PER PG. 94	

EQUATION !
23+72.87 FROM S.W. = 26+74.01 GOING EAST.
NOTE: NO CHANGES IN ELEVATIONS FROM THIS STATION UP TO STATION 40+00±, EXCEPT AS NOTED.
CROSS-SECTIONS CONTINUED ON PG.

F. B. 3343 PG. 200 | Job No. 6116.90 | Division No. 11 | Notes Red | Plotted | Profile
Survey of SD # 690 | Date | Date | No.
Survey by RICHARDS | Notes DON | Notes Chk'd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | Date | No.

76-L-298 CE 307 5-66

T.B.M. # 2
35.34

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STATION	B. S.	H. I.	F. S.	ELEV.	S. D. R/W. @ R.R. X-ING	
CONTINUED FROM PG.					LT. & WEST ↑	RT. & EAST
B.M.SD.1126				33.04	B.M. S.D. 1126 EL.=33.040 FB. 3343-14	
					BOND ST., W. END., ON ±℄ OPEN DRAIN. A	
					L.A. CO. RD. DEPT. MON. DN. 18"	
38+58.7				29 89	TOP OF VERTICAL 3' CIP	
				22 7	BOTTOM 3' CIP AS CLOSE AS WE CAN TELL	
					IT IS FULL OF WATER & HAS SEDIMENTS ON BOTTOM	
39+84°				29 80	F/L 24" CON. PIPE	
40+50				32 1		↑
				34 5		6.4 R TOP BREAK
				32 06	0.5 L TOP WALL	
				30 26	3.0 L BOTTOM WALL	
				30 14	11.0 L	
				30 30	18.0 L BOTTOM BREAK	
				32 10	20.5 L TOP WALL	
				33 6	24.0 L TOP BREAK	

Profile Notes Red ____ Plotted ____ Job No. 611690 Division No. 11 F.B. 3343 PG. 201
No. ____ Date ____ Date ____ Survey of S.D. #690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes D.L.W. Date 8-27-69
No. ____ Date ____ Date ____ Map No. ____ Indexed R.L. GALLI Date SEP 1 8 69

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
40+60.0				33 00	13° L TOP SHEET PILE	
40+64.0				30 54	F/L 36" CIP	
40+72.2				34 73	TOP OF S RAIL @ CONTROL LINE	
				34 28	BOTTOM " " " " "	
				34 83	50' R " " " " "	
				34 35	" " " " " " "	
40+97.5				35 33	115' R MH	

F.B. 3343 Pg. 202 Job No. 6116.90 Division No. 11 Notes Red Plotted Profile
Survey of S.D. #690 Date Date No.
Survey by RICHARDS Notes D.L.W. Notes Chk'd. Checked X-Sec.
Indexed C.L. GALLI Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
40+90				32 82		4^{5}R TOP SHEET PILE
40+83^{2}				32 94	13°L TOP SHEET PILE	
40+85				30 78		⊼ CON.
40+65				30 46		⊼ CON.
41+00				30 83		⊼ CONC.
41+50				31 58		⊼ CONC.

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. 11
No. ____ Date ____ Date ____ Survey of S.D. #690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date SEP 1 8 '69

F. B. 3343 PG. 203

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STATION	B. S.	H. I.	F. S.	ELEV.		
43+00				33 04		19° R TOP CONC.
				38 3		69° R BREAK
				40 7		82.5 R BREAK
				40 87	N RAIL BOTTOM MAIN TRACK	86° R
				41 40	TOP " " " " "	86° R
				40 7		93° R BREAK
				38 7		104 R BREAK
				33 0		120 R BREAK
				32 6		130 R "
				33 6		132.5 R "
				33 71	BOTTOM N RAIL	134.5 R
				34 16	TOP " "	134.5 R
				33 5		142 R BREAK
				33 3		150 R WALL

F. B. 3343 PG. 204

Job No. 6116.90 Division No. 11 Notes Red Plotted Profile

Survey of S.D. # 690 Date Date No.

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

Indexed C.J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
43+50				33 09		19° R CONC.
				35 8		49° R BREAK
				37 8		71° R "
				39 7		76.5 R "
				40 30	BOTTOM N RAIL	85° R
				40 86	TOP " "	
				40 0		93° R BREAK
				38 1		102° R "
				33 6		113° R "
				34 5		117° R "
				34 45	BOTTOM N RAIL	121° R
				34 91	TOP N "	121° R
				34 2		130° R BREAK
43+50				33 7		140° R WALL

Profile Notes Red ____ Plotted ____ Job No. 6116.90 Division No. 11
No. ____ Date ____ Date ____ Survey of S.D. # 690
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes DON Date 6-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date SEP 18 '69

F. B. 33-3 PG. 303

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STATION	B. S.	H. I.	F. S.	ELEV.		
44+00				33 17		19.0 R CON
				33 7		33.5 R BREAK
				37 3		65 R "
				38 2		78 R "
				39 7		84 R "
				39 83	BOTTOM N RAIL	85.5 R
				40 42	TOP " "	85.5 R
				39 7		92.5 R BREAK
				37 5		101.5 R "
				34 5		104 R "
				35 4		110 R "
				35 48	BOTTOM N RAIL	112 R
				35 94	TOP " "	112 R
				35 2		122 R BREAK
				34 3		125 R BREAK
44+00				33 7		139 R WALL

F. B. 3343 PG. 206

Job No. 6116.90 Division No. 11 Notes Red Date Plotted Date Profile No.

Survey of S.D. # 690 Notes Chk'd. Date Checked Date X-Sec. No.

Survey by RICHARDS Notes DON Date

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