Crd by

Survey of

IN Tape Std °F

Surveyed by

Notes Date

Indexed

F.B 3402 Pg.

Job		Description
		W. W. DIST. NO. 29 2215.15
6	Const.	Notes - Jack Casings & Bore pits on Topanga Cn. Rd., also Pacific Coast Hwy. @ Las Flores Cn. Rd. & Big Rock Dr.
9	Const.	Watermain Const. on Topanga School Rd., Artique Rd. & Fernwood Pacific Dr.
2	Const.	Notes - Owen Pumping Sta.
4	Index	(Topanga - E. Malibu)
29	Const.	Staking notes - C.L. 8" water main with loc. of exist. 6" line on Topanga Cn. Blvd. from Old Topanga Cn. Rd.N'ly. to the summit.
170	Const.	Watermain Const. on Valley View Dr., Basin Dr., Skyline Dr., Summit Dr., Vision Dr. & Hillcrest Dr.
182	Ease.	C.L. of Zuniga Rd. Easement for 6" Water Main
193	Util.	Loc. of 6" Water Main in above ease

microfilmed June 85

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F.B. ____ Pg. ____

Notes Ck'd by	Survey of W.W. Dist 29
Map No.	JN 2215.5 Tape 237 Std 82 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes W.C.D. Date 1-11-67
Date	Indexed C. J. GALLI NOV 16 '87

F. B. 9402 PG. 11

WATER WORKS

DIST. 29

JN 2215.15

JACK CASINGS & BORE PITS
ON TOPANGA CYN BLVD. & PACFIC COAST HWY.

REF

PARTY
RC DALE
J.P. McCALL
B.R. JACKSON
L.L. FISHER

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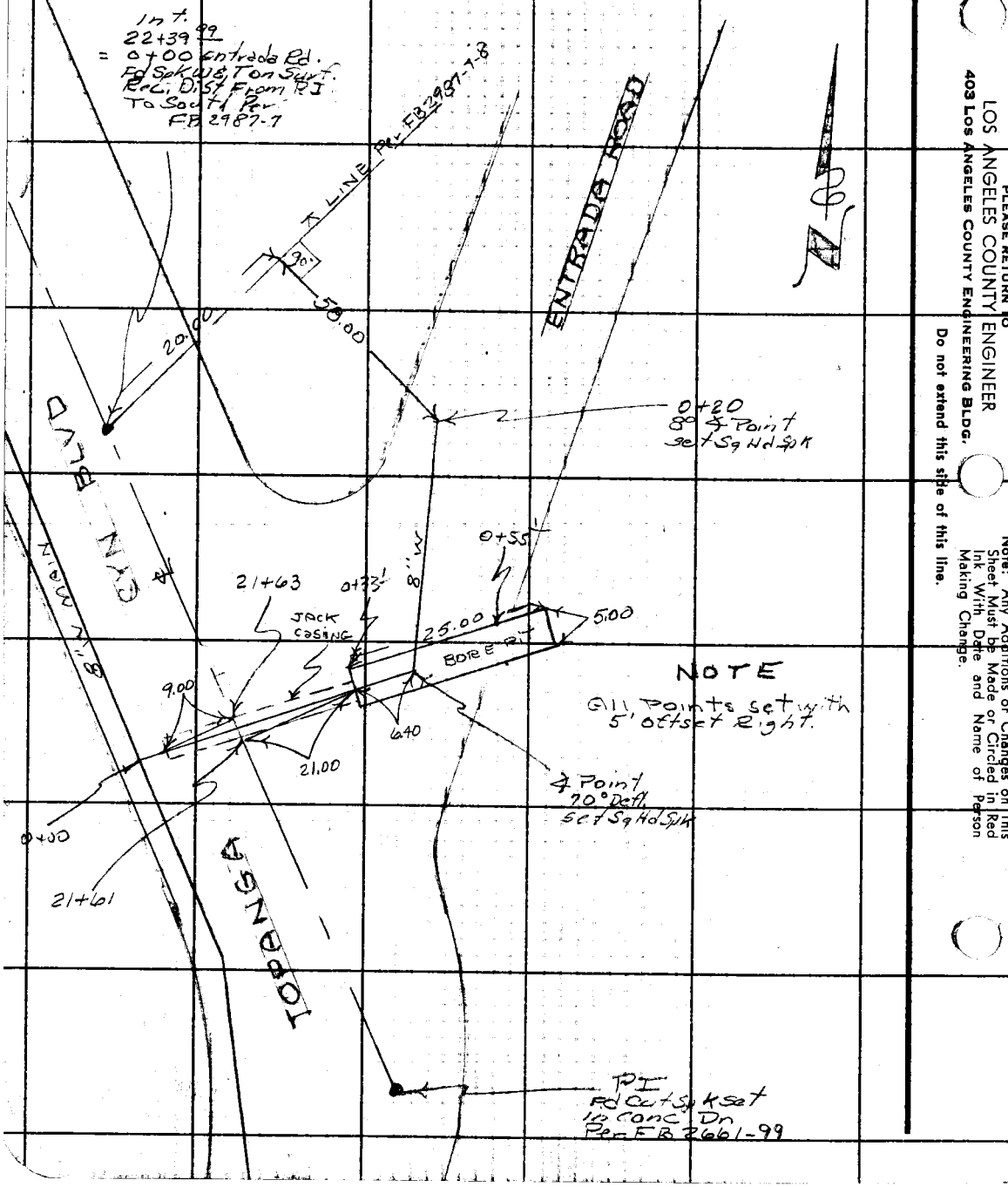
76F309S CE # 310 3-81

F. B. 3402 PG 12

JACK CASING & BORE PIT
ENTRADA ROAD



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F.B. 5-10 Pg. 13

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.15 Division No. ____
Date ____ Date ____ Survey of W.W. DIST. # 29
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.C. DALE Notes McCALL Date 4-13-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

0

W.W. DIST. NO. 29

J.N. 2215.15

LEVELS

FOR ELEVS. AT JACKED CASEING

AT

TOPANGA CYN. RD. & ENTRADA RD.

APRIL 3, 1967

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

R.C. DALE
J.P. McCALL
B. JACKSON
L. FISHER

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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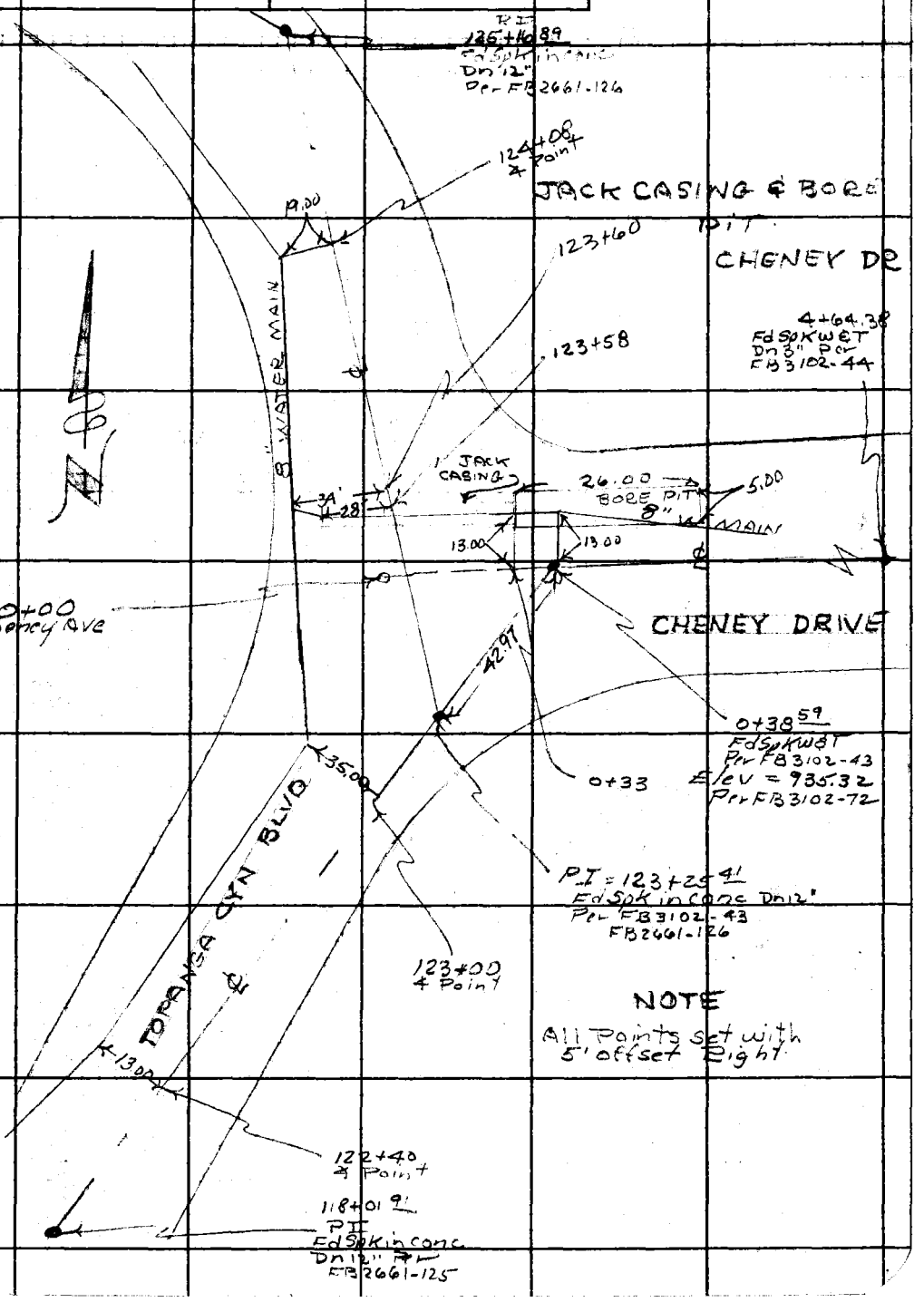
STATION	B.S.	H.I.	F.S.	ELEV.	W.W. DIST. #29 (JACKED CASEING ELEVS.)
(FD) B.M. 56-9	5.91	776.48		770.57	B.M. 56-9 EL = 770.570 F.B. 3102-222 TOPANGA CYN. RD. 4.4 MI. NLY. FR. PAC. COAST HWY. & 0.4 MI. NLY FR. TOPANGA POST OFFICE @ NELY. COR. OF CONC. BRIDGE #1282 OVER TOPANGA CREEK ON ROAD TO TOPANGA ELEM. SCHOOL, STD. CO. ENGR. B.C. B.M. MON. MKD: "BM 56-9 RE 5869 1960 IN NLY SIDE OF BRIDGE FLUSH IN CONC. 38.5 FT WLY FR. W. EDGE PVMT. 18.5 FT NLY FR. CTR. OF BRIDGE & 9.0 FT. SWLY FR. PP #1028042E
T.P.	7.19	779.32	4.35	772.13	
T.P.	5.75	780.44	4.63	774.69	
SPK & T ⑤			2.86	777.58	SQ. HD. SPK & T 5 FT OFFSET TO RT. OF ℄ OF BORE PIT, AT TOPANGA CYN RD & ENTRADA RD.
SPK & T ⑤			2.88	777.56	SQ. HD. SPK & T 5 FT OFFSET TO LT. OF ℄ OF BORE PIT AT TOPANGA CYN RD & ENTRADA RD.
T.B.M.	0.36	780.34	0.46	779.98	T.B.M. SET LG. BT. SPK IN P.P. # 16623Y
T.P.	3.15	777.84	5.65	774.69	
T.P.	4.54	776.66	5.72	772.12	
(FD) B.M. 56-9			6.19	770.57	B.M. 56-9 EL = 770.570 (SEE ABOVE)

F.B. 3402 Pg. 14 Job No. 2215.15 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of W.W. DIST. #29 Date ____ Date ____ No. ____ X-Sec. ____
Survey by R.C. DALE Notes McCALL Notes Chkd. ____ Checked ____ No. ____
Indexed C.J. GALLI Date ____ Date ____ Date ____

Notes Ck'd by	Survey of W.W. Dist #29	F. B. 3402 PG. 15
Map No.	JN 22 15 15 Tape 23+ Std 84 °F	
Office Work	Surveyed by R C Dale	
Checked	Notes R C D Date 4-1-67	
Date	Indexed C. J. GALLI	



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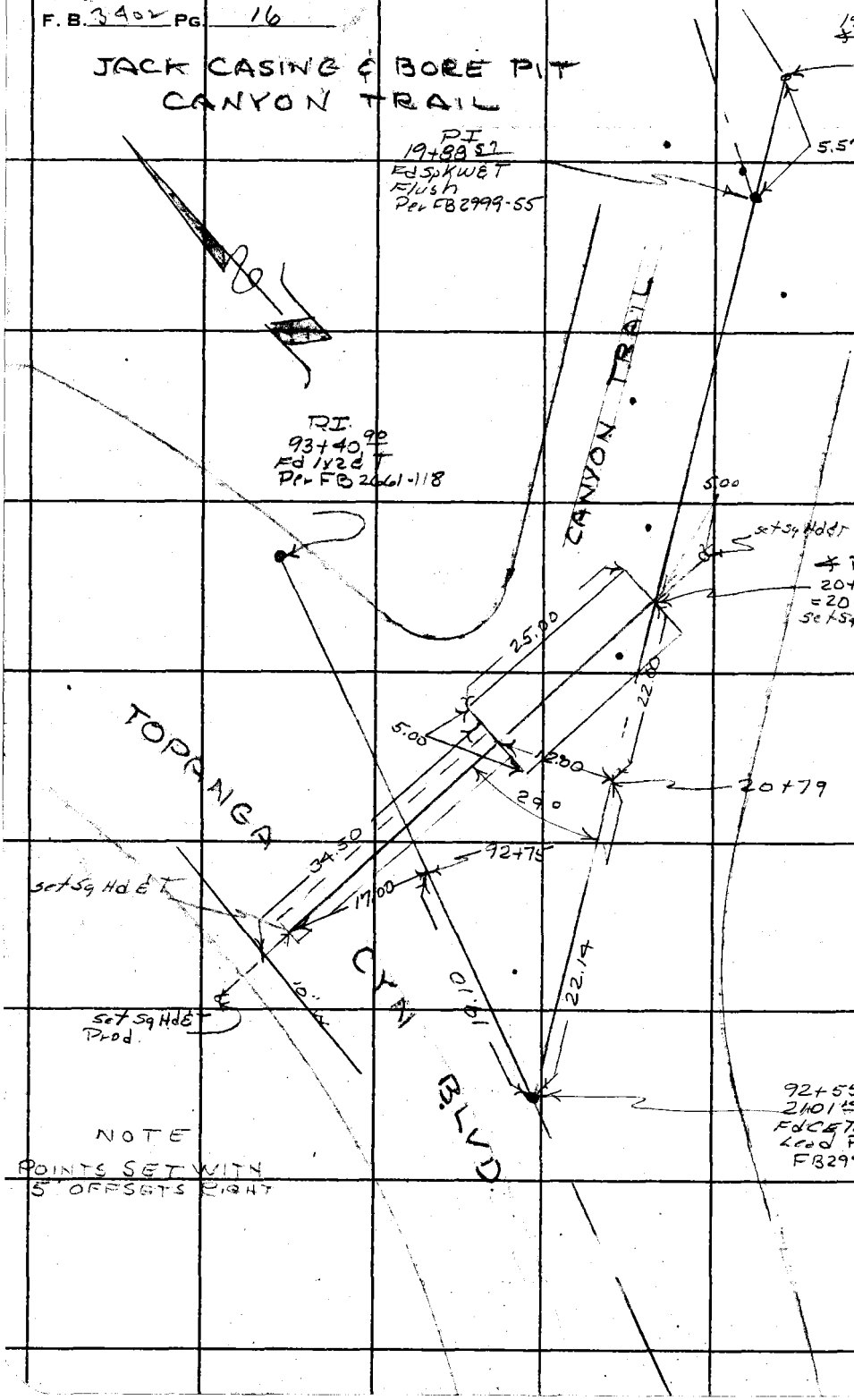
76F3095 CE # 310 3-61

F.B. 3402 PG. 16

JACK CASING & BORE PIT
CANYON TRAIL



NOTE
POINTS SET WITH
5' OFFSETS RIGHT

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Profile No.	Notes Red	Plotted	Job No. 2215.15	Division No.	F.B. 3402 Pg. 17
	Date	Date	Survey of JACKED CASING @ TOPN CYN & CYN. TRAIL		
X-Sec. No.	Notes Chkd.	Checked	Survey by DALE	Notes JACKSON	Date 4-11-67
	Date	Date	Map No.	Indexed C. J. GALLI	Date

W. W. DIST. No. 29

J.N. 2215.15

ELEV'S FOR JACKED CASING

AT

TOPANGA CYN. ROAD & CYN. TRAIL

APRIL 11, 1967

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

DALE
McCALL
JACKSON
FISHER, L.

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76-L298 CE 307 3-61

F.B. 3402 Pg. 18 | Job No. 2715.15 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of JACKED CASING @ TOPAN.CYN & CYN. TR. Date _____ Date _____ No. _____

Survey by DALE Notes JACKSON, B.R. Notes Chkd. _____ Checked _____ X-Sec.

Indexed E.J. GALLI Date 4-11-67 Date _____ Date _____ No. _____

76-L298 CE 307 3-61

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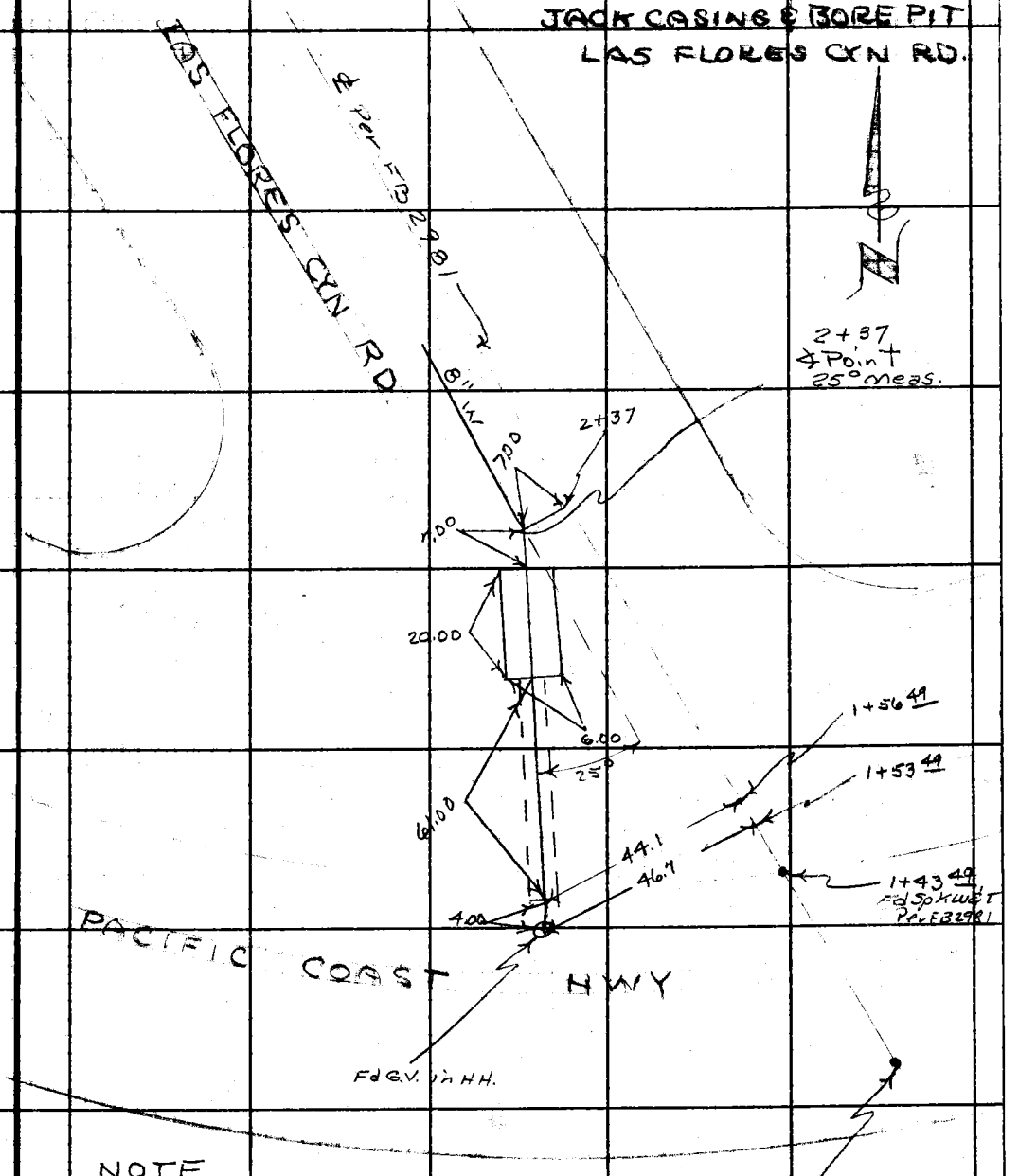
STATION	B.S.	H.I.	F.S.	ELEV.	
(FD) TBM#11	6.31	893.84		887.53	TBM#11, ELEV=887.53, FB 2999-80 30' W. INTER. CYN. TR. & TOPANGA CYN BLVD. SPK. & TIN IN P.P.# 16668Y.
(SET) SQ.HD & TIN			5.28	888.56	SQ.HEAD & TIN 5' RT OF BORE PIT. STA- 20+79
" " " "			5.45	888.39	" " " 5' LT. " " " 20+79
(FD) TBM#11			6.31	887.53	TBM#11 (SEE ABOVE)

Notes Ck'd by	Survey of WW Dist # 29	F. B. 3402 PG. 19
Map No.	JN 22/5.15 Tape 224 Std 84 °F	
Office Work	Surveyed by R C Dale	
Checked	Notes R.C.D. Date 4-12-67	
Date	Indexed C. J. GALLI	

JACK CASING & BORE PIT
LAS FLORES CYN RD.



NOTE

THIS JACK CASING WAS SURVEYED IN THE FIELD BETWEEN ℄ POINT 2+37 & FOUND GATE VALVE AS SHOWN PER INSTRUCTIONS FROM J. WAUGH, WATER WORKS DIV.

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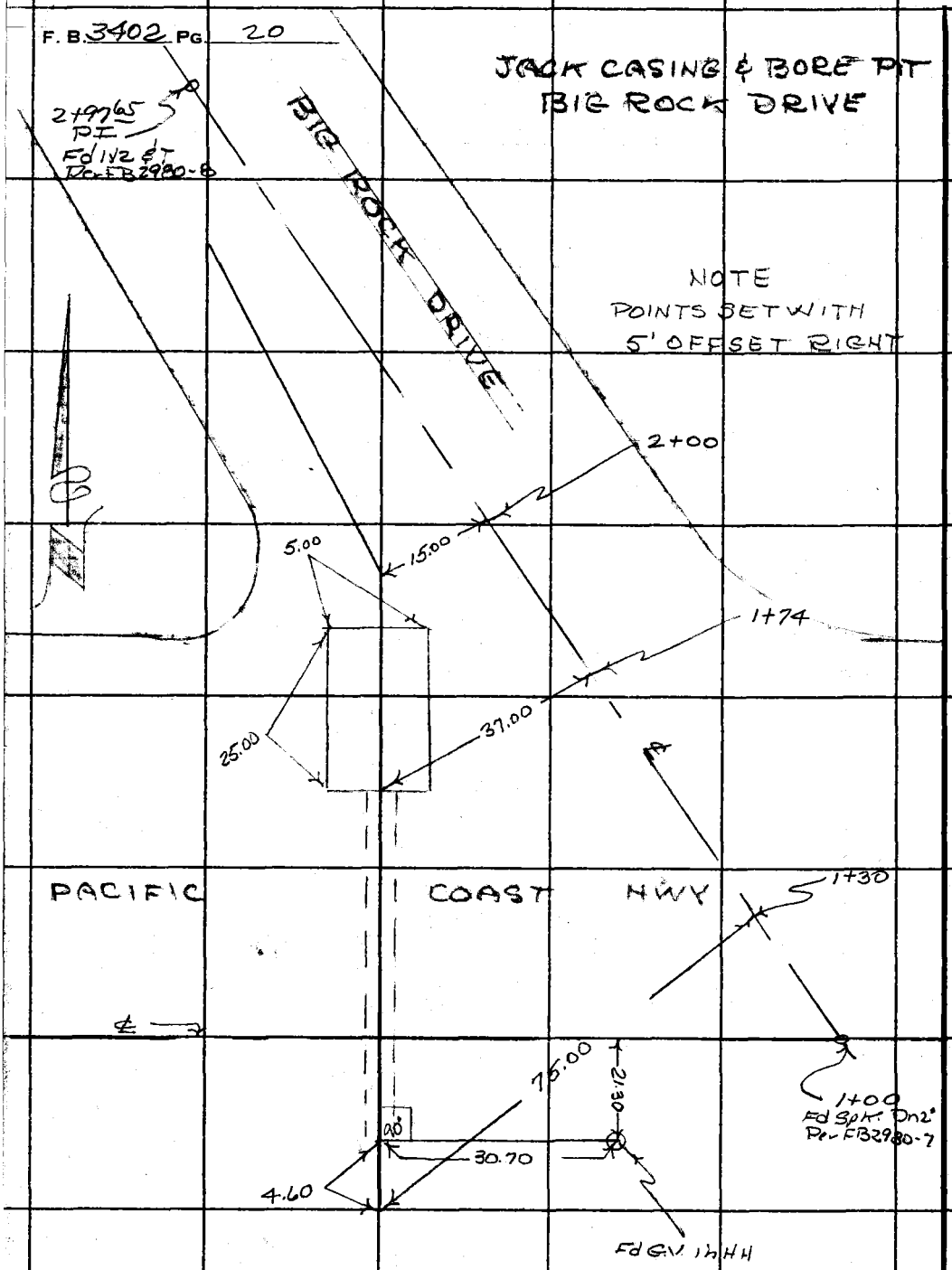
76F3095 CE # 310 3-61

F. B. 3402 PG. 20

JACK CASING & BORE PIT
BIG ROCK DRIVE



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Profile No.	Notes Red	Plotted	Job No. 2215.15	Division No.	F.B. 3402	Pg. 21
	Date	Date	Survey of W.W. DIST. # 29			
X-Sec. No.	Notes Chkd.	Checked	Survey by R.C. DALE	Notes McCALL	Date 4-12-67	
	Date	Date	Map No.	Indexed C. L. GALLI	Date	

W. W. DIST. NO. 29

J.N. 2215.15

ELEV'S FOR JACKED CASING

AT.

LAS FLORES CYN RD. & COAST HWY.

APRIL 12, 1967

STATION	B.S.	H.I.	F.S.	ELEV.
			DALE McCALL JACKSON FISHER	

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76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	W.W. DIST. #29 (LAS FLORES CYN. RD. CASING)
(FD) P.I. #1	4.22	19.81		15.59	P.I. #1 EL= 15.59 PER CONST. STAKING SHEET #349 C.I. 2215 A BT. SPK. W&T LAS FLORES CYN RD ℄ PROD TO SLY SIDE PAC. COAST HWY
SPK&T ⑤			5.72	14.09	SPK & T 5' off ℄ OF BORE PIT TO RT. STA. 2+13
1X2 N&T ⑤			5.77	14.04	SPK & T 5' " " " " " " LT. STA. 2+13
P.I. #1			4.22		P.I. #1 EL = 15.59 (SEE ABOVE)

F.B. 3402 PG. 23

Job No. 2215.15 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of W.W. DIST. #29 Date ____ Date ____ No. ____ X-Sec. ____

Survey by R.C. DALE Notes J.P. McCALL Notes Chkd. ____ Checked ____ No. ____

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

Profile No.	Notes Red	Plotted	Job No. 2215.15	Division No.	F.B. 3402 Pg. 23
	Date	Date	Survey of W.W. DIST. # 29		
X-Sec. No.	Notes Chkd.	Checked	Survey by R.C. DALE	Notes McCALL	Date 4-6-67
	Date	Date	Map No.	Indexed C.J. GALLI	Date

W.W. DIST. NO. 29

J.N. 2215.15

ELEV'S FOR JACKED CASING

AT.

PAC. COAST HWY & BIG ROCK DR.

APRIL 6, 1967

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

R.C. DALE
J.P. McCALL
B. JACKSON
L. FISHER

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76-1298 CE 307 3-61

76-L298 CE 307 3-61

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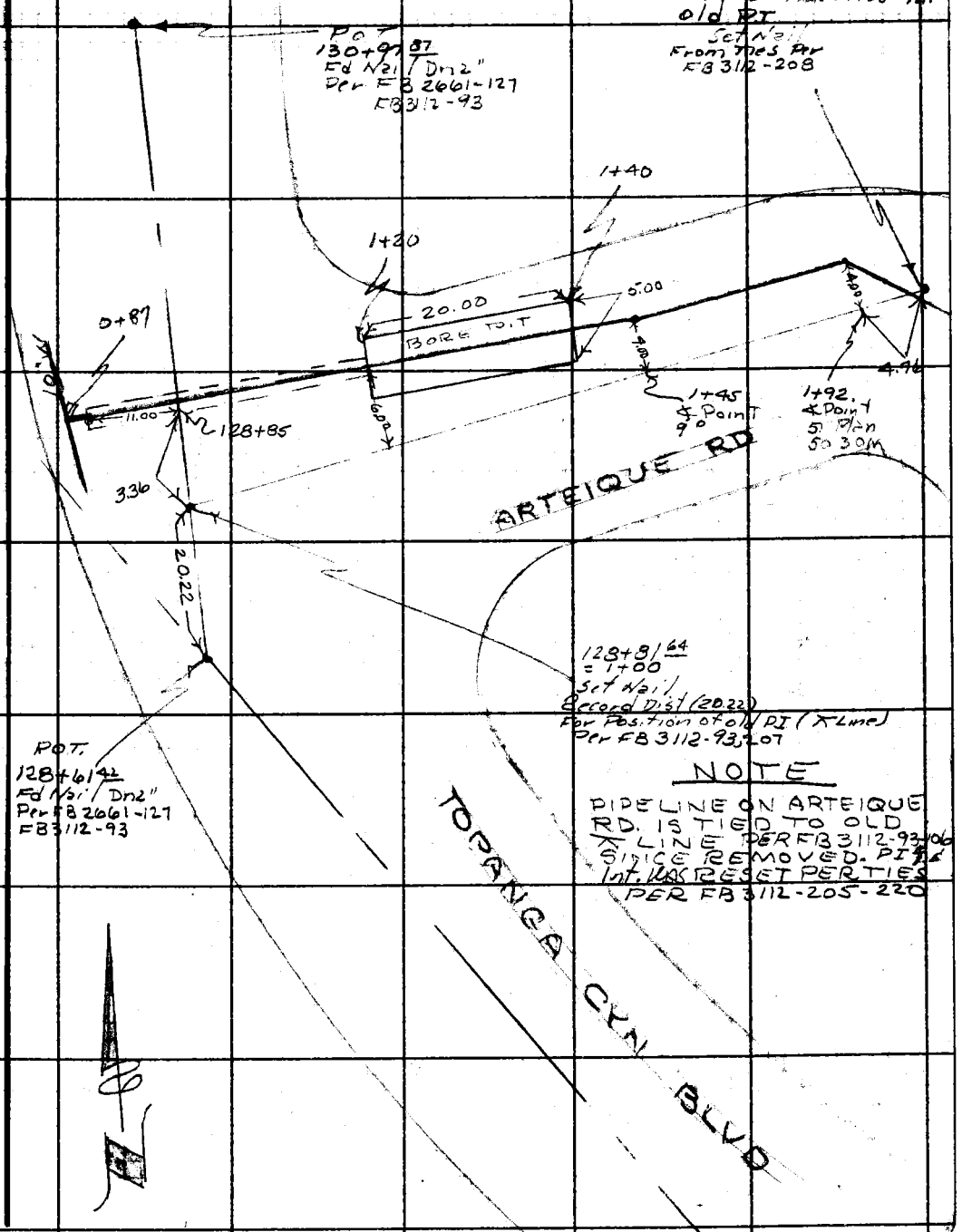
STATION	B.S.	H.I.	F.S.	ELEV.	W.W. DIST No. 29 (JACKED CASEING ELEV.)
STA. 90+96.63 = 1+00	6.03	28.40		22.37	STA. 90+96.63 PAC. COAST HWY = STA. 1+00 INT. PAC. COAST HWY & BIG ROCK DR. ℄ EL = 22.37 PER STAKING SHEET 337 FD. SPK DN 6" PER F.B.
1+74 (5) RT.			6.36	22.04	1+74 SPK & T 5 FT. RT. ℄ BORE PIT AT BIG ROCK DR.
1+74 (5) LT.			6.30	22.10	1+74 " " 5 FT LT. " " " " " "
(SET) T.B.M.	0.04	28.32	0.12	28.28	(SET) T.B.M. EL = F.B SPK IN P.P. # 1017597E N.E. COR. PAC. COAST HWY & BIG ROCK DR.
STA. 90+96.63 = STA. 1+00			5.96	22.36	STA. 90+96.63 (SEE ABOVE)

F.B. 3402 Pg. 24 Job No. 2215.15 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. # 29 Date Date No.
Survey by R.C. DALE Notes McCALL Notes Chkd. Checked X-Sec.
Indexed C.J. GALLI Date Date Date No.

Notes Ck'd by	Survey of W/W DIST 29
Map No.	JN 2215-5 Tape 234 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R.C.D. Date 4-11-67
Date	Indexed C.J. GALLI

F. B. 3402 PG. 25



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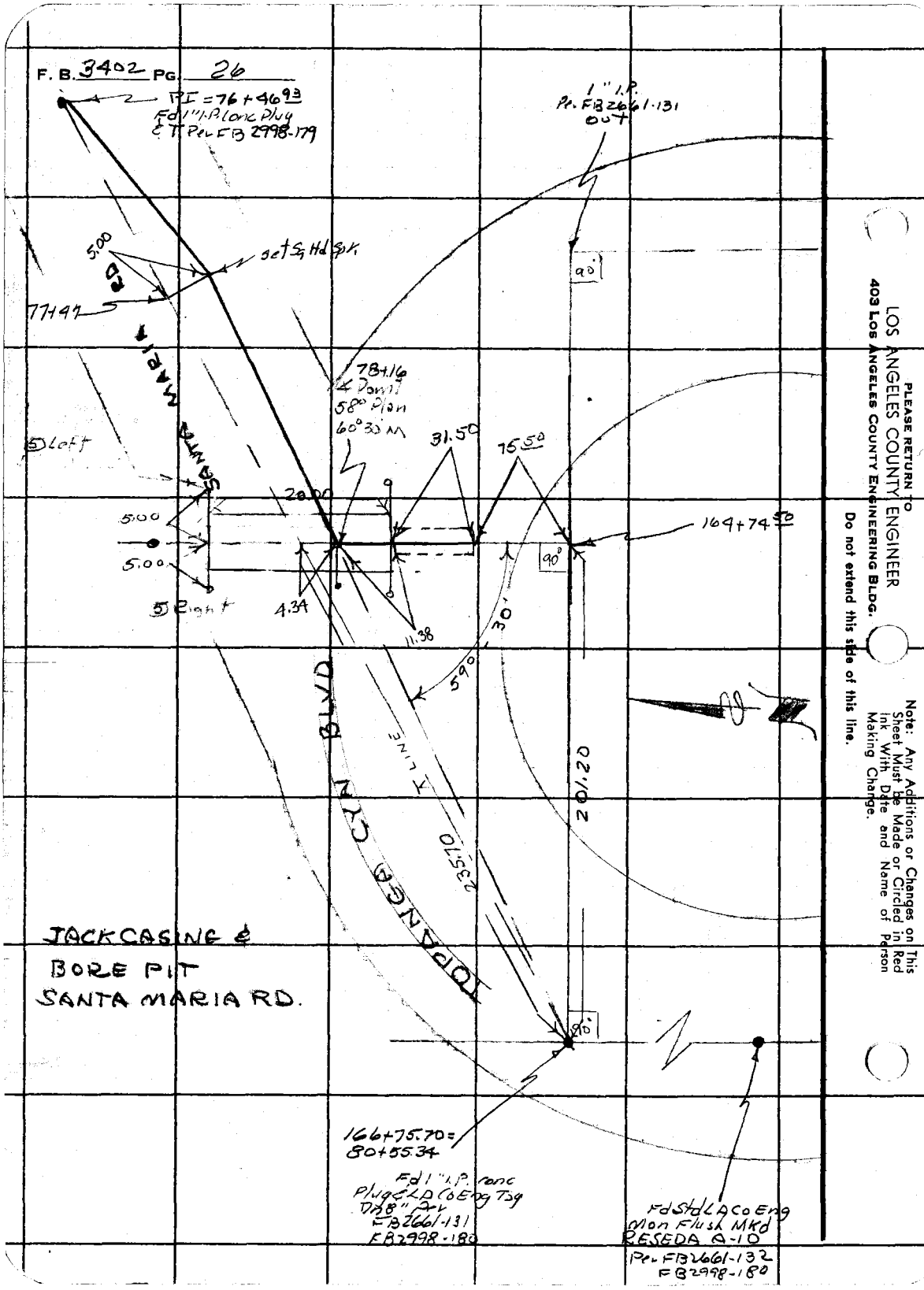
F. B. 3402 PG. 26



JACK CASING &
BORE PIT
SANTA MARIA RD.

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F.B. 3402 Pg. 27

Profile No. | Notes Red | Plotted | Job No. 2215.15 | Division No.
Date | Date | Survey of JACKED CASING @ TOPN. CYN & ARTIQUE
X-Sec. No. | Notes Chkd. | Checked | Survey by DALE | Notes JACKSON | Date 7-14-67
Date | Date | Map No. | Indexed | Date

W.W. DIST. NO. 29

J.N. 2215.15

ELEV'S. FOR JACKED CASING

AT

TOPANGA CYN. ROAD & ARTIQUE ROAD

APRIL 14, 1967

DALE
McCALL
JACKSON
FISHER, L.

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

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76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
(FD) BM 56-12	8.90	946.69		937.79	BM 56-12 ELEV.=937.791 FB. 2832-18 N. TOP. CN BLVD. 6.3 MI NLY from PACIFIC COAST HWY. 2.3 MI NLY. from TOP. CN. POST OFFICE @ CHENEY DR. ON N.ELY SIDE OF RD. @ N. WING WALL OF CONC. BRIDGE. NO 53-407 OVER GORO-PITO CRK. 82.4' NWLY FROM NWLY SIDE OF PAVT OF CHENEY DRIVE. 96.3' N. FROM P.P # 16687 & 62.7' S.ELY OF P.P. # 25637. STD. CO. ENGR. BM BRASS CAP ON TOP OF N. WING WALL IN CONC. MKD. "BM 56-12 RE 5869 1960"	
T.P.	7.92	953.76	0.85	945.84		
(SET) TBM	0.44	953.89	0.31	953.45	TBM = ELEV. 953.45 FB 3402- SPK IN PP# 1639111E. 30± SWLY OF ℄ OF TOPANGA CYN ROAD. & 30'± SOUTH OF ℄ ARTIQUE	
1+20			2.12	951.77	SQ. HEAD & TIN. 5RT. ℄ BORE PIT @ STA. 1+20	
1+20			1.75	952.14	" " " " 5LT. ℄ " " " " "	
T.P.	2.32	948.17	8.04	945.85		
(FD) BM 56-12			10.37	937.80	BM 56-12 (SEE ABOVE)	

F.B. 3402 PG. 28 Job No. 221515 Division No. Notes Red. Plotted Profile
Survey of JACKED CASING @ TOPN. CN & ARTIQUE Date 4-13-67 Date No. X-Sec.
Survey by DALE R.C. Notes JACKSON, B.R. Notes Chkd. Checked No.
Indexed C.J. GALLI Date Date Date

Profile No.	Notes Red	Plotted	Job No. 221515	Division No.	F.B. 3402 Pg. 29
	Date	Date	Survey of W.W. DIST. # 29		
X-Sec. No.	Notes Chkd.	Checked	Survey by R.C. DALE	Notes McCALL	Date 4-10-67
	Date	Date	Map No.	Indexed C. J. GALLI	Date

W.W. DIST. No 29

J.N. 2215.15

ELEV'S. FOR JACKED CASING

AT

TOPANGA CYN RD. & SANTA MARIA RD.

APRIL 10, 1967

ELEV.	DALE McCALL
F.S.	JACKSON FISHER
H.I.	
B.S.	REF. F.B. 2998-206
STATION	

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76-L298 CE 307 3-61

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F.B. 3402 Pg. 30 | Job No. 2215.15 Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST #29 | Date | Date | No.
Survey by R.C. DALE Notes J.P. McCALL | Notes Chkd. | Checked | X-Sec.
Indexed C.L. GALL Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	W.W. DIST #29 (JACK CASING - STA. MARIA RD.)	
(FD) B.M. 56-13	3.51	1083.57		1080.06	(FD) B.M. 56-13 EL= 1080.057 F.B. 2998-206 TOPANGA CYN. RD & SANTA MARIA RD. 200'± WLY FROM TOPANGA CORRAL (CAFE) & 5'± FROM F.HYD., SO. SIDE OF TOPANGA CYN RD, A CO. ENGR B. CAP B.M. MON. MKD. B.M. 56-13 - 1960 - RE 5869.	
1X1 N&T ⑤			5.39	1078.18	1X1 N&T 5' RT. OFFSET TO ℄ OF BORE PIT	
1X1 N&T ⑤			5.42	1078.15	1X1 N&T 5' LT " " " " " "	
(SET) T.B.M. A	4.48	1083.48	4.57	1079.00	(SET) T.B.M. A EL= 1079.00 F.B. TOPANGA CYN. RD AT SANTA MARIA RD S.W.LY. COR. TOPANGA CORRAL (CAFE) IN COR. CONC. WLK. A. LG. BT. SPK. SET IN 3/4" I.P.	
(FD) B.M. S.M.-1			9.46	1074.02	(FD) B.M. S.M.-1 EL= 1074.022 F.B. 2998-206 BT. SPK IN HEADWALL 7.5 MI. N. of COAST HWY. S. SIDE TOP. CYN. RD. @ APPROX INT. WITH SANTA MARIA RD, 100'± WLY of TOPANGA CORRAL (CAFE) ON HORSE SHOE CURVE.	

76G865—GE 635—1-56

Checked by ..... Date .....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Page No.

Street JACK CASING AT ARTEIQUE RD.

C. I. No. .....

From .....

To ..... Date APRIL 1967

SURVEYED BY R.C. DALE

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, [redacted] pipe, and are below reference spikes set 5 feet to the right of the center line of the sewer looking up grade. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	[redacted] ELEVATION
0+87	4.00	℄ INT. PROPOSED PIPE	949.58
1+20	4.00	℄ END OF CASING [redacted]	947.99
1+20	3.77	SPK & T 5 FT RT. END CASING	947.99
1+30	5.53	" " " "	947.51
1+40	7.46	" " " " END BORE PIT.	947.0[illegible]

NOTE:
ALL CUTS ARE TO TOP OF PROPOSED PIPE.

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

740848—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Page No.

Name JACK CASING AT ENTRADA RD.

C. I. No.

From

To

SURVEYED BY R.C. DALE Date APRIL 1967

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, ~~under to bottom of inside of pipe~~, and are below reference ~~station~~ spikes set 5 feet to the ~~right~~ left of the center line of the sewer looking up grade. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	~~ELEVATION~~ ELEVATION
0+00	4.00	℄ INT. PROPOSED PIPE	771.65
0+33±	4.00	℄ END OF CASING	773.57
0+33±	3.98	SPRATIN 5' LEFT	773.57
0+44±	4.42	" " "	774.21
0+55±	4.47	" " "	774.85
	NOTE:		
	ALL GRADES ARE TOP OF		
	PROPOSED PIPE.		

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

740889—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Page No.

[redacted] JACK CASING AT CHENEY DR.

G. L. No.

From

To

SURVEYED BY R. C. DALE Date APRIL 1967

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, ~~refer to bottom of inside of pipe~~, and are below reference ~~stakes~~ spikes set 5 feet to the ~~left~~ right of the center line of the sewer looking up grade. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	~~[redacted]~~ ELEVATION
0+00	4.00	℄ INT. PROPOSED PIPE	927.25
0+33	4.00	℄ END OF CASING	931.47
0+33	4.23	SPK & TIN 5 FT RT.	931.47
0+46	3.11	" " " "	932.34
0+59	1.69	" " " "	933.21

NOTE:

ALL CUTS ARE TO TOP OF PROPOSED PIPE

STA 0+00 TO STA. 0+33 = 63.0 FT MEASURED.

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

760865—CE 635—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER

LOS ANGELES COUNTY, CALIFORNIA

Page No.

[redacted] JACK CASING (CANYON TRAIL)

G. L. No. .....

From.....

To.....

SURVEYED BY..... Date.....19.....

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, [redacted] pipe, and are below reference [redacted] spikes set 5 feet to the [redacted] right of the center line of the sewer looking up grade. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	[redacted] ELEVATION
20+44	3.76	S&T 5' RT. END BORE PIT	885.45
20+61.5	3.72	S&T 5' RT.	884.96
20+79	4.08	S&T 5' RT END CASING	884.47
20+79	4.00	SPK. ℄ END CASING	884.47
21+13.5	4.00	℄ INT. PROPOSED PIPE	883.11

NOTE:
ALL GRADES ARE TO TOP OF PROPOSED PIPE (STA. 20+44 TO STA. 20+79 = 25.00 MEASURED)

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

760865—CE 835—1-56

Checked by..... Date.....

SANITATION DIVISION

GRADE SHEET

OFFICE OF COUNTY ENGINEER
LOS ANGELES COUNTY, CALIFORNIA

Page No.

Street JACK CASING AT SANTA MARIA RD.

G. I. No.

From

To

SURVEYED BY R C DALE Date 6-1- 1967

CONTRACTORS, ATTENTION — Cuts are given in feet and hundredths, refer to ~~bottom of inside of pipe~~ stakes, and are below reference spikes set 5 feet to the left/right of the center line of the sewer looking up grade. Three consecutive points between structures must be used in common in order that any variation from a straight grade may be detected. In case any discrepancy is found it must be reported to the Engineer of Construction at once.

Explanation of terms abbreviated: M. H., Manhole; D. M. H., Drop Manhole; F. M. H., Flushing Manhole; D. F. M. H., Double Flushing Manhole; J. C., Junction Chamber; ℄, Center Line.

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION
78+58 88	4.00	℄ Int Proposed Pipe	1072.10
78+27 38	4.00	℄ End Jack Casing	1076.41
78+27 38	4.05	5' Lft End Jack Casing 1/12	1076.46
78+16	3.80	5' Lft 1/12 ℄ T	1077.31
78+07 38	4.02	5' Lft End Bore pit	1078.37

All Cuts To Top of Pipe

STATION	CUT IN FEET	REMARKS	INVERT ELEVATION

F.B. 3402 PG. 31

Profile No.	Notes Red	Plotted	Job No. 2215.15	Division No.
	Date	Date	Survey of W.W. DIST #29	
X-Sec. No.	Notes Chkd.	Checked	Survey by R.C. DALE	Notes McCALL Date 5-9-67
	Date	Date	Map No.	Indexed ~~McCALL Date~~

W.W. DIST # 29

J.N. 2215.15

GRADES FOR JACK

CASINGS (TOPANGA CYN. AREA)

AT

ENTRADA RD
CANYON TRAIL
CHENEY DR.
ARTIEQUE RD.
SANTA MARIA RD.

MAY 1967

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

DALE
McCALL
JACKSON
FISHER

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	ENTRADA ROAD		
T.B.M.# —	0 91	78089		779 98	T.B.M.# — Elev. 779.98/F.B. 3402-104 LC. BT. SPK IN P.P.# 1662.3Y		
					Grade	%	Cut
0+00 = ℄ INT Proposed Pipes			5 24	75.65	71.65	5.80	4.00
0+33.1 ℄			3 32	77.57	73.57	↓	4.00
+33.1 5 Left (N) Spk&T			3 34	77 55	73.57		3.98
+44.1	"		2 26	78 63	74.21		4.42
+55.1	"		1 57	79 32	74.85		4.47
T.B.M.#			0 91	779 98	T.B.M.#		Elev. 779.98/F.B.

Note All Grades are Top of Proposed Pipe.

F.B. 3402 Pg. 32 Job No. 2215 15 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of TOPANGA E. MALIBU Date ___ Date ___ No. ___
Survey by DALE Notes H. STOCK Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed L.J. GALLI Date ___ Date ___ No. ___

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	ARTIEQUE RD.			
T.B.M	4.51	957.96		953.45	T.B.M. EL = 953.45 F.B. 3402-118 SPK IN P.P.# 1639/11E 30' I SWLY of ℄ of TOPANGA CYN RD & 30' I S. of ℄ of ARTIEQUE			
					GRADE	%	CUT	
0+87	℄ INT.	PROPOSED PIPE	4.38	953.58	949.58	4.8%	4.00	
1+20	℄ END	of CASING	5.97	951.99	947.99	↓	4.00	
1+20			6.20	951.76	947.99	↓	3.77	5 ft RT. END CASING
1+30			4.92	953.04	947.51	↓	5.53	5 ft RT
1+40			3.47	954.49	947.03	↓	7.46	5 ft RT END BORE PIT
T.B.M.				953.45	T.B.M. (SEE ABOVE)			

NOTE:
ALL GRADES ARE TO TOP OF PROPOSED PIPE

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 2215.15 Division No. ___ F.B. 3402 Pg. 33
X-Sec. No. ___ Date ___ Date ___ Survey of W.W. DIST. #29
Notes Chkd. ___ Checked ___ Survey by R.C. DALE Notes McCALL Date 5-9-67
Date ___ Date ___ Map No. ___ Indexed C.J. GALLIS Date ___

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	SANTA MARIA RD			
BM 56-13	3 68	1083 74		1080.06	BM 56-13 Elev = 1080.057 / FB3402-30 Co Eng Brass Cap Mon			
					Grade	%	CUT	
78+58 88 ℄ Int Proposed Pipe			11.64	1072.10	1068.10	9.7	4.00	
78+27 38			7.33	1076 41	1072.41		4.00	End J.C. ℄
78+27 38			7.28	1076.46	1072.41		4.05	5' Rt End J.C.
78+16			6.43	1077 31	1073.51		3.80	5' Rt
78+07 38			5 37	1078.37	1074.35		4.02	5' Rt End Bore Pit
TBM "A"			4.74	1079.00				TBM "A" Elev. = 1079.00 Per FB3402-30 Spk in 3/4" I.P.

F.B. 3402 Pg. 34

Job No. 2215.15 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of W.W. DIST. #29 Date ____ Date ____ No. ____ X-Sec. ____

Survey by R.C. DALE Notes McCALL Notes Chkd. ____ Checked ____ No. ____

Indexed Ed. GALLI Date ____ Date ____ Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	CHENEY DRIVE			
T.B.M.	4.65	939.97		935 32	T.B.M. EL=935.32 F.B 3102-43 & F.B.3102-72 LG. B.S W&T INT. CHENEY RD & ℄ TAN. PROD. TO PANGA CYN. RD.			
					GRADE	%	CUT	
0+00 = ℄ INT		PROPOSED PIPE	8.72	931.25	927.25	6.7%	4.00	
0+33 ℄			4.50	935.47	931.47	↓	4.00	END. J.C. ℄
0+33			4.27	935.70	931.47	↓	4.23	5 FT RT END J.C.
0+46			4.52	935.45	932.34	↓	3.11	5 FT RT
0+59			5.07	934.90	933.21	↓	1.69	5 FT RT END BORE PIT
T.B.M.					T.B.M.			

NOTE: MEAS. DIST FROM POINT of PIPE INT. TO END of CASING = 63.0

NOTE: ALL GRADES ARE TOP OF PROPOSED PIPE

Profile No. ___ Notes Red ___ Plotted ___ Job No. 2215.15 Division No. ___
X-Sec. No. ___ Date ___ Date ___ Survey of W.W. DIST # 29
Notes Chkd. ___ Checked ___ Survey by R.C. DALE Notes McCALL Date 5-9-67
Date ___ Date ___ Map No. ___ Indexed C.J. GALLI Date ___

F.B. 3402 PG. 35

76-L298 CE 307 3-61

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F.B. 3402 PG. 36 | Job No. 22515 | Division No. | Notes Red | Plotted | Profile
Survey of W.W. DIST #29 | Date | Date | No.
Survey by R.S. DALE Notes MSCALL | Notes Chkd. | Checked | X-Sec.
Indexed C.J. GALLI Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	CANYON TRAIL			
(FD) T.B.M. #11	4.88	892.41		887.53	(FD) T.B.M. #11 EL= 887.53 F.B. 2999-80 30' W. INTER. CYN TRAIL & TOPANGA CYN. BLVD. SPK & T. IN P.P. # 166684			
					GRADE	%	CUT	
21+13.5 = ℄ INT. PROPOSED PIPE			5.30	887.11	883.11	3.97%	4.00	
20+79 = ℄ END OF CASING			3.94	888.47	884.47		4.00	
20+79			3.86	888.55	884.47		4.08	= SPK.T. 5FT.RT. END CASING
20+61.5			3.73	888.68	884.96		3.72	= SPK & T 5FT RT.
20+44			3.20	889.21	885.45		3.76	= SPK & T. 5FT. RT. END BORE PIT
T.B.M. # 11			4.88	887.53	T.B.M. #11 (SEE ABOVE)			

NOTE:
ALL GRADES ARE TO TOP OF PIPE
(STA. 20+44 TO STA. 20+79 = 25.00 MEASURED)

Notes Ck'd by	Survey of W W Dist #29
Map No.	JN 2215.15 Tape 108 Std 94 °F
Office Work	Surveyed by R C DALE
Checked	Notes R.C.D. Date 5-17-67
Date	Indexed G. J. GALLI NOV 16 '67

F. B. 3402 PG. 37

TOPANGA SCHOOL ROAD

JN 2215.15

START 5-17-67
FINISH 5-18-67

REF
FB 3102 - 209-212
SHEET

PARTY
R.C. DALE
J.P. McCALL
B.E. JACKSON
L.L. FISHER

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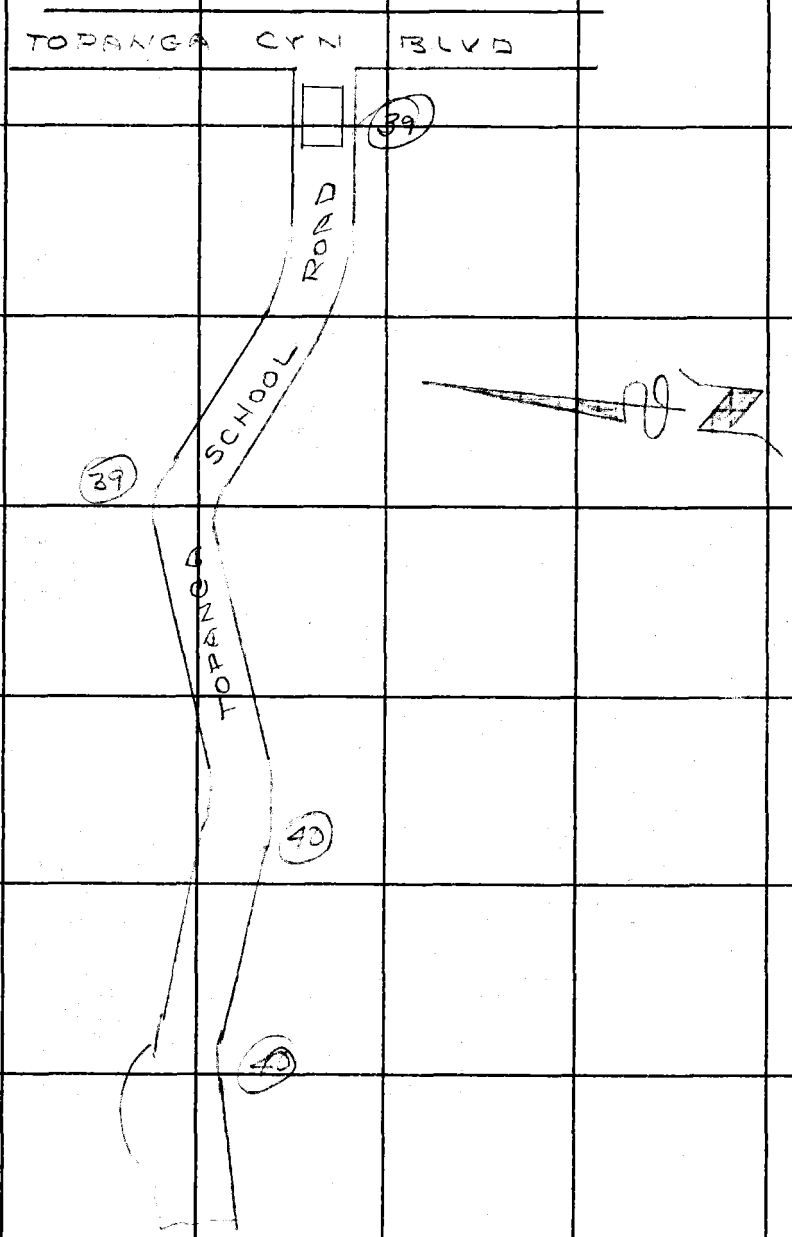
76F3095 CE # 310 3-61

F. B. 3402 PG. 38

INDEX



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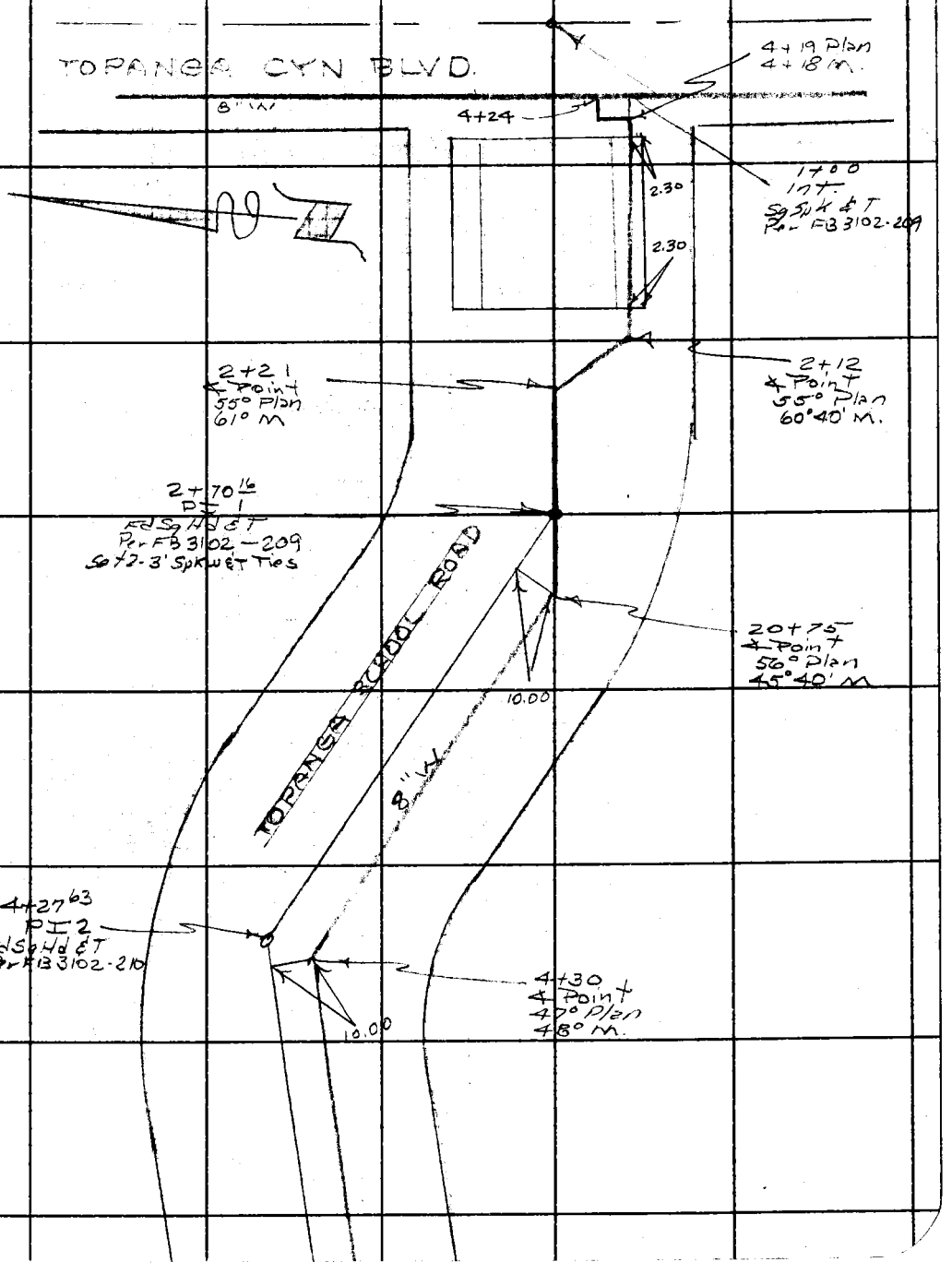
Notes Ck'd by	Survey of W/W DIST #29
Map No.	JN 22715 Tape 100 Std 68° °F
Office Work	Surveyed by R C Dale
Checked	Notes B.C.D. Date 5-10-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 39



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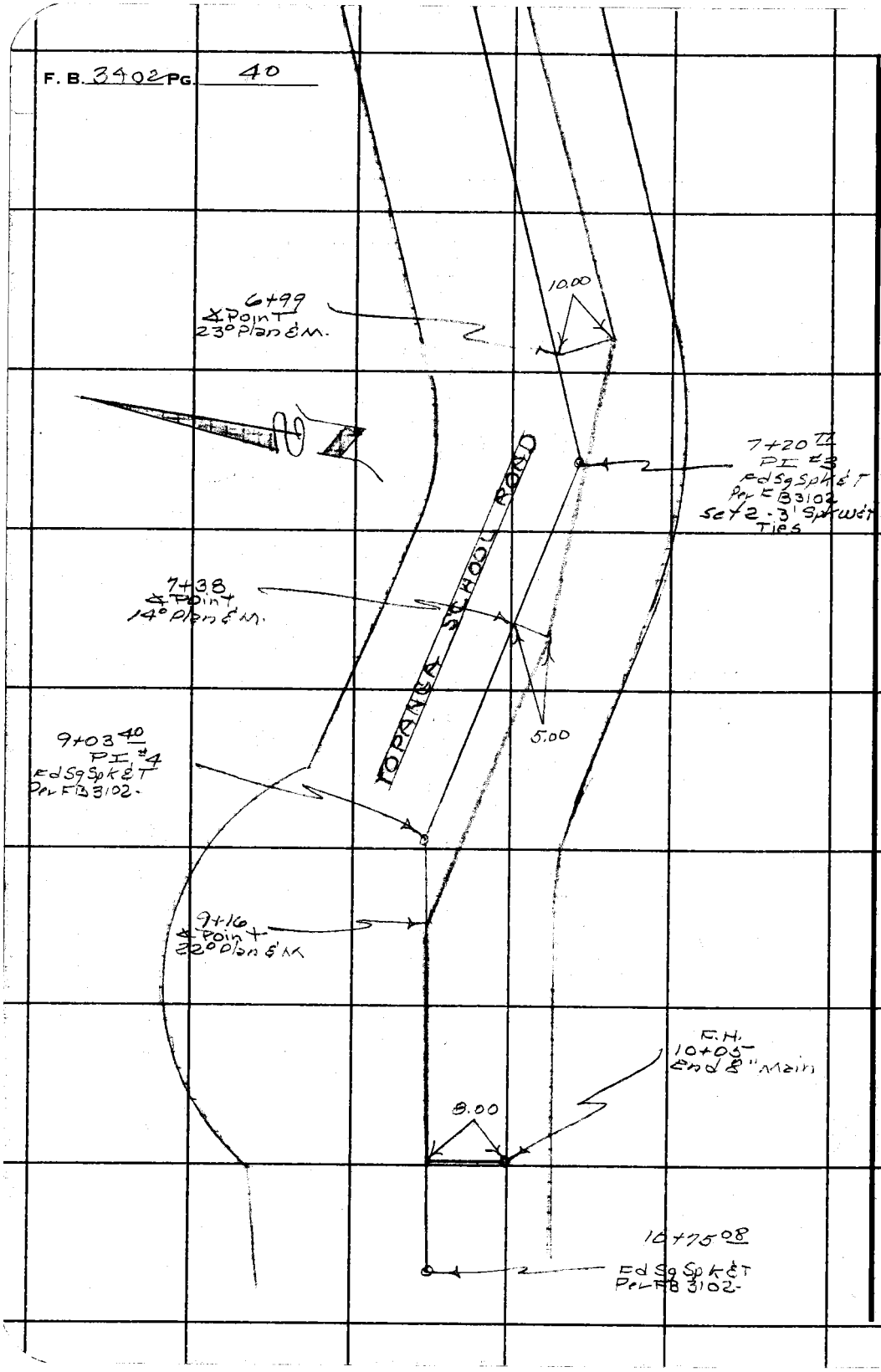
76F309S CE # 310 3-61

F. B. 3402 PG. 40



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Notes Ck'd by	Survey of N/W Dist 29
Map No.	JN 2215.15 Tape 100 Std 64 °F
Office Work	Surveyed by R.C. DALE
Checked	Notes R.C.D. Date 5-16-67
Date	Indexed C.J. GALLI

F. B. 3402 PG. 41

ARTEIQUE ROAD

JN 2215.15

START MAY 16 1967
FINISH MAY 17 1967

REF
FB 3112-91-176, 207-219
SHEET 257

PARTY
R.C. DALE
J.P. McCALL
B.R. JACKSON
L.L. FISHER

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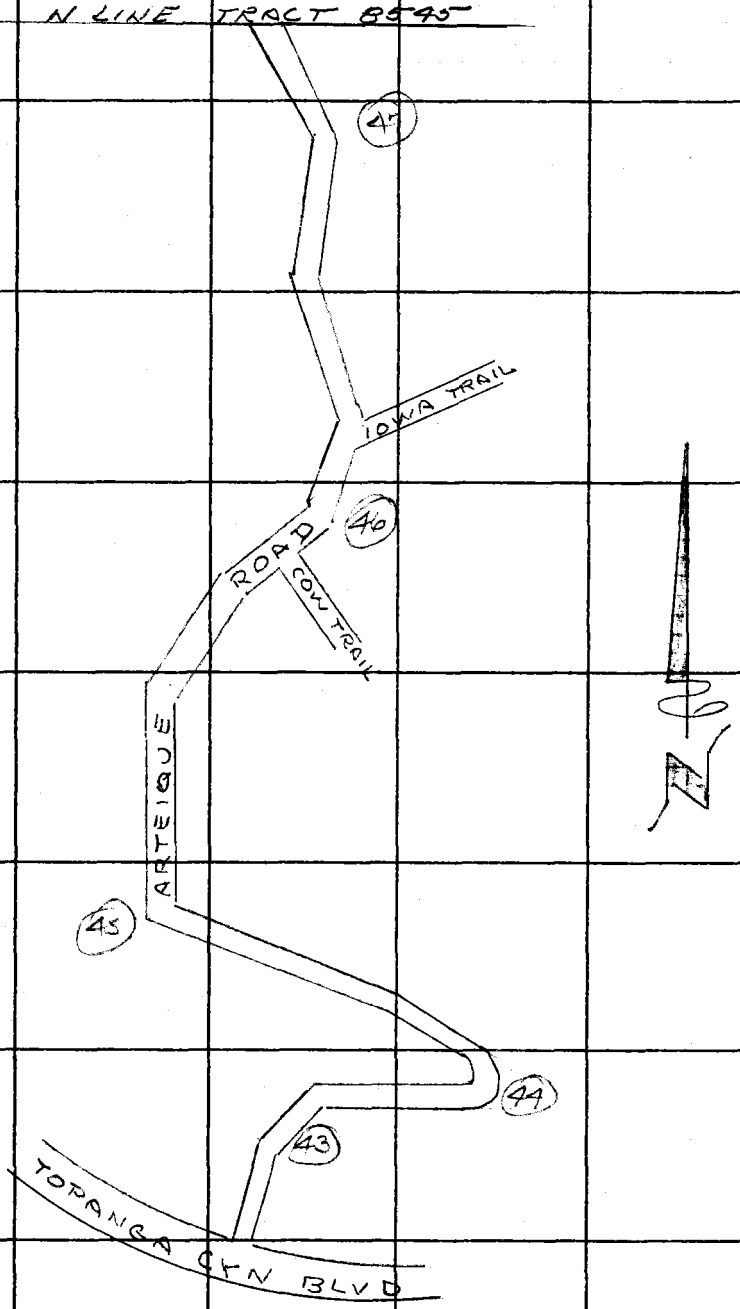
78F3095 CE # 310 3-61

F. B. 3402 PG. 42

INDEX

N LINE TRACT 8545



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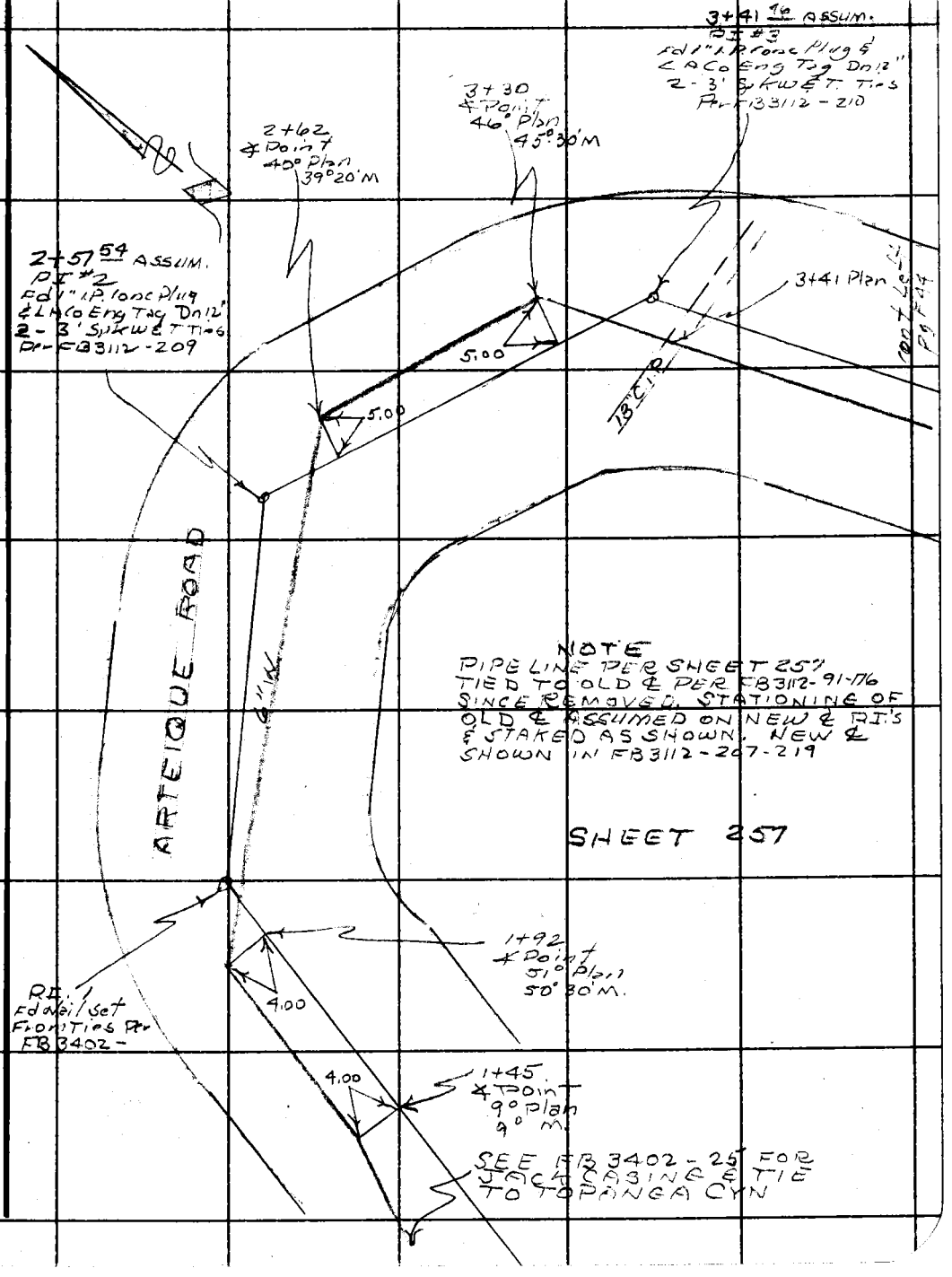
Notes Ck'd by	Survey of WW DIST #29	F. B. 3402 PG. 43
Map No.	JN 22515 Tape 100 Std 84 °F	
Office Work	Surveyed by R C DALE	
Checked	Notes R.C.D. Date 5-16-67	
Date	Indexed C. J. GALLI	



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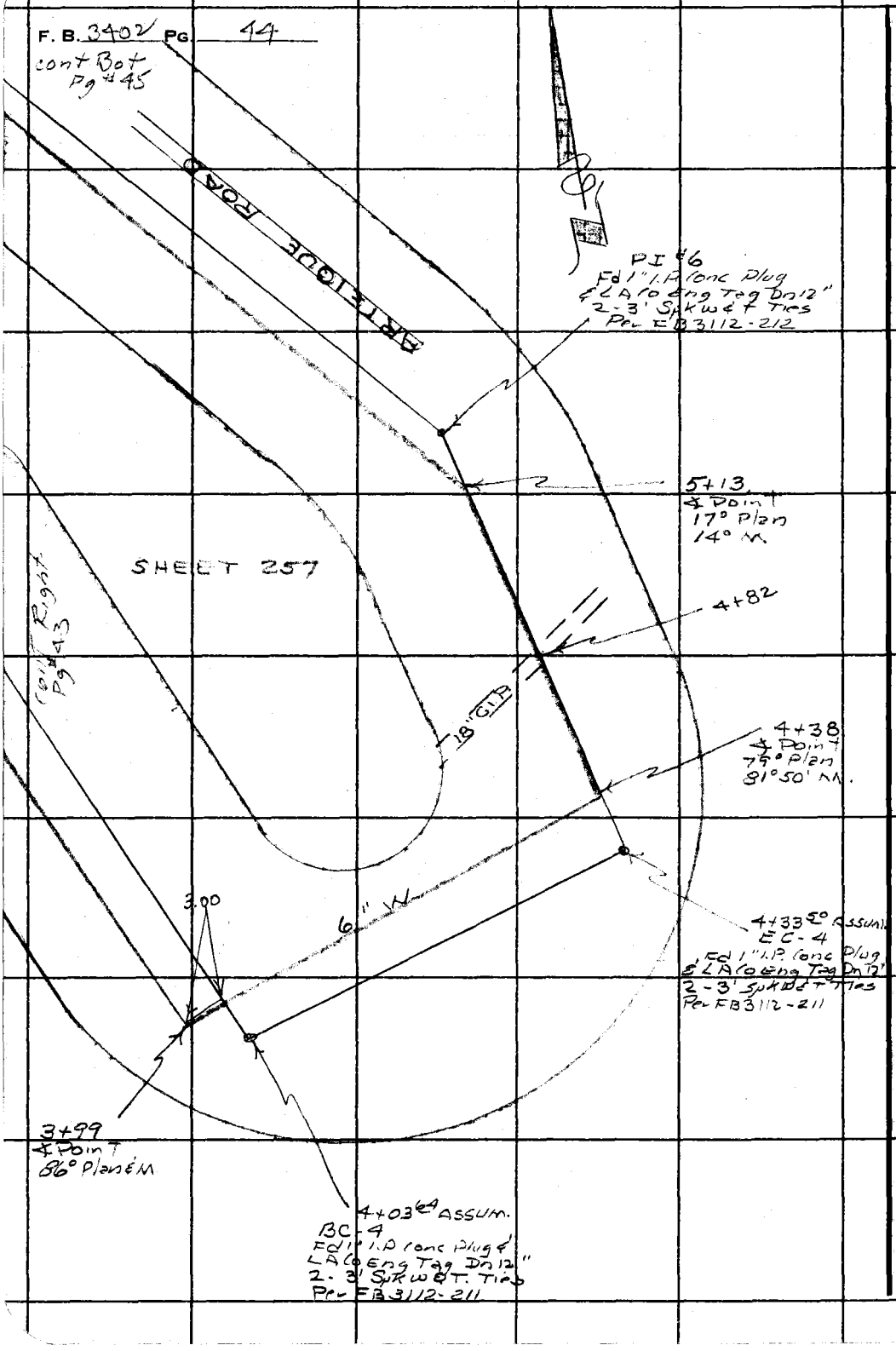
76F309S CE # 310 3-61

F. B. 3402 PG. 44

cont Bot
Pg #45



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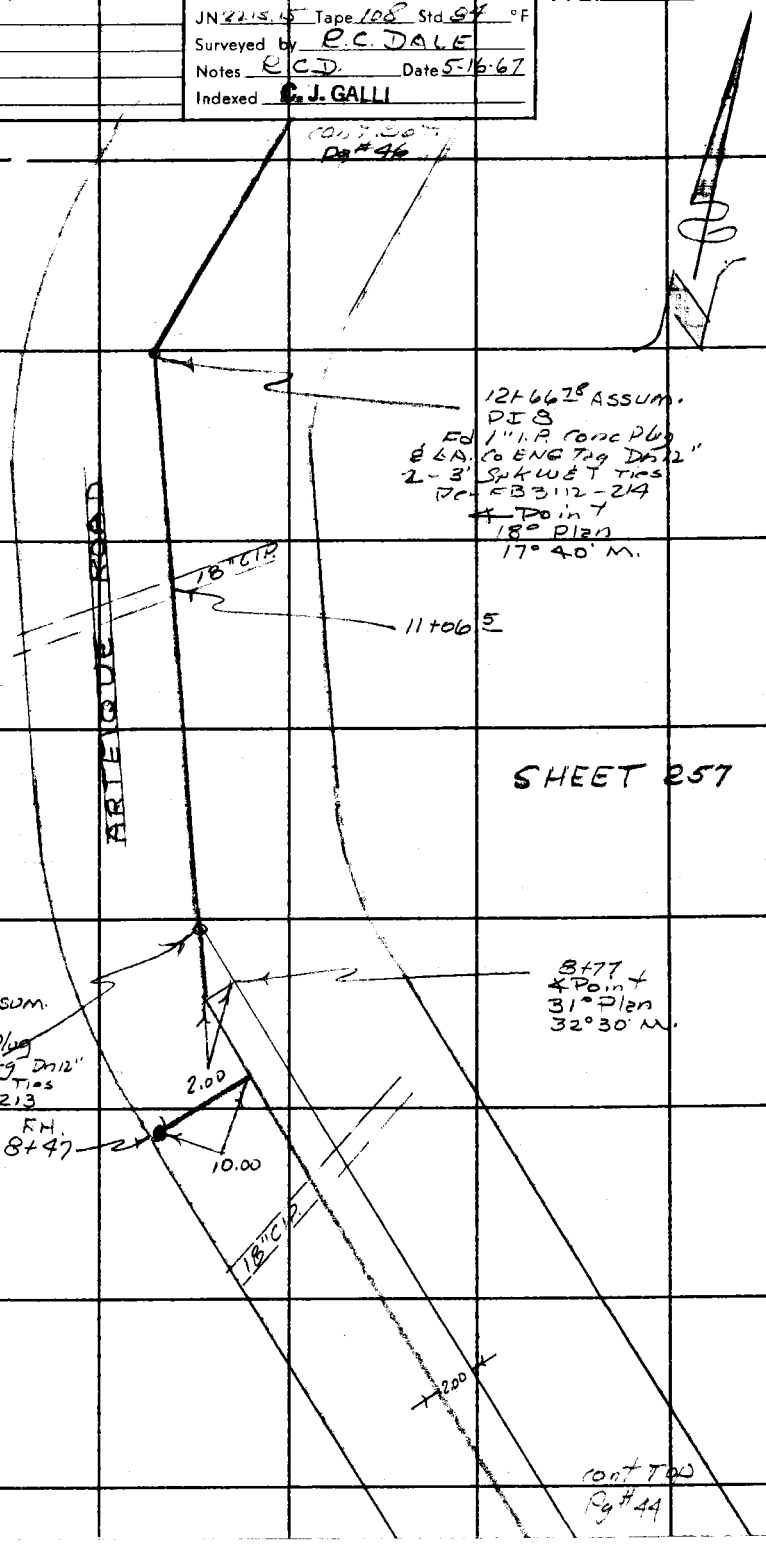
Notes Ck'd by	Survey of W.W. DIST #27
Map No.	JN 22.15.15 Tape 100' Std 67 °F
Office Work	Surveyed by R.C. DALE
Checked	Notes R.C.D. Date 5-16-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 45



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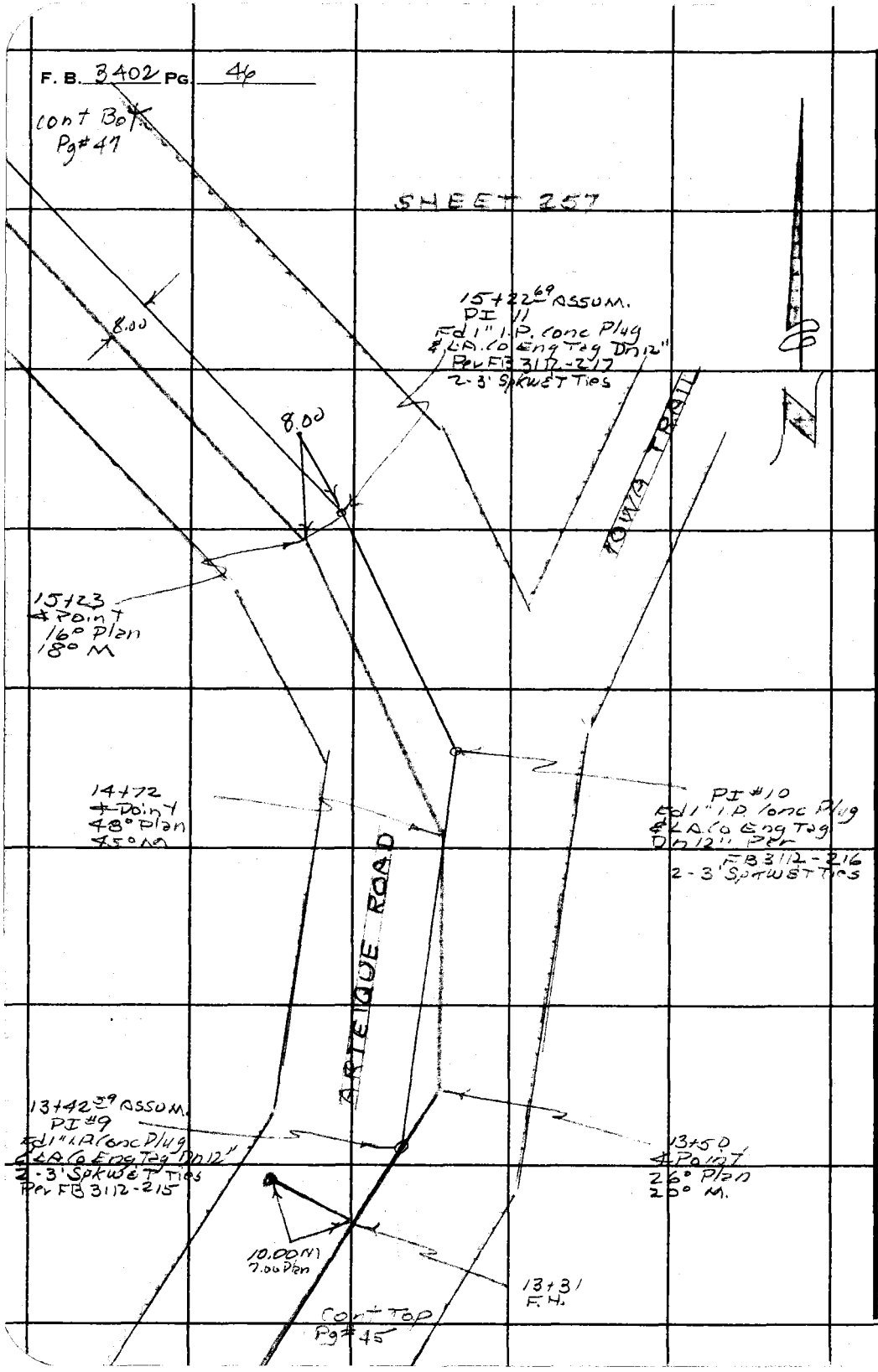
78F309S CE # 310 3-61

F. B. 3402 PG. 46



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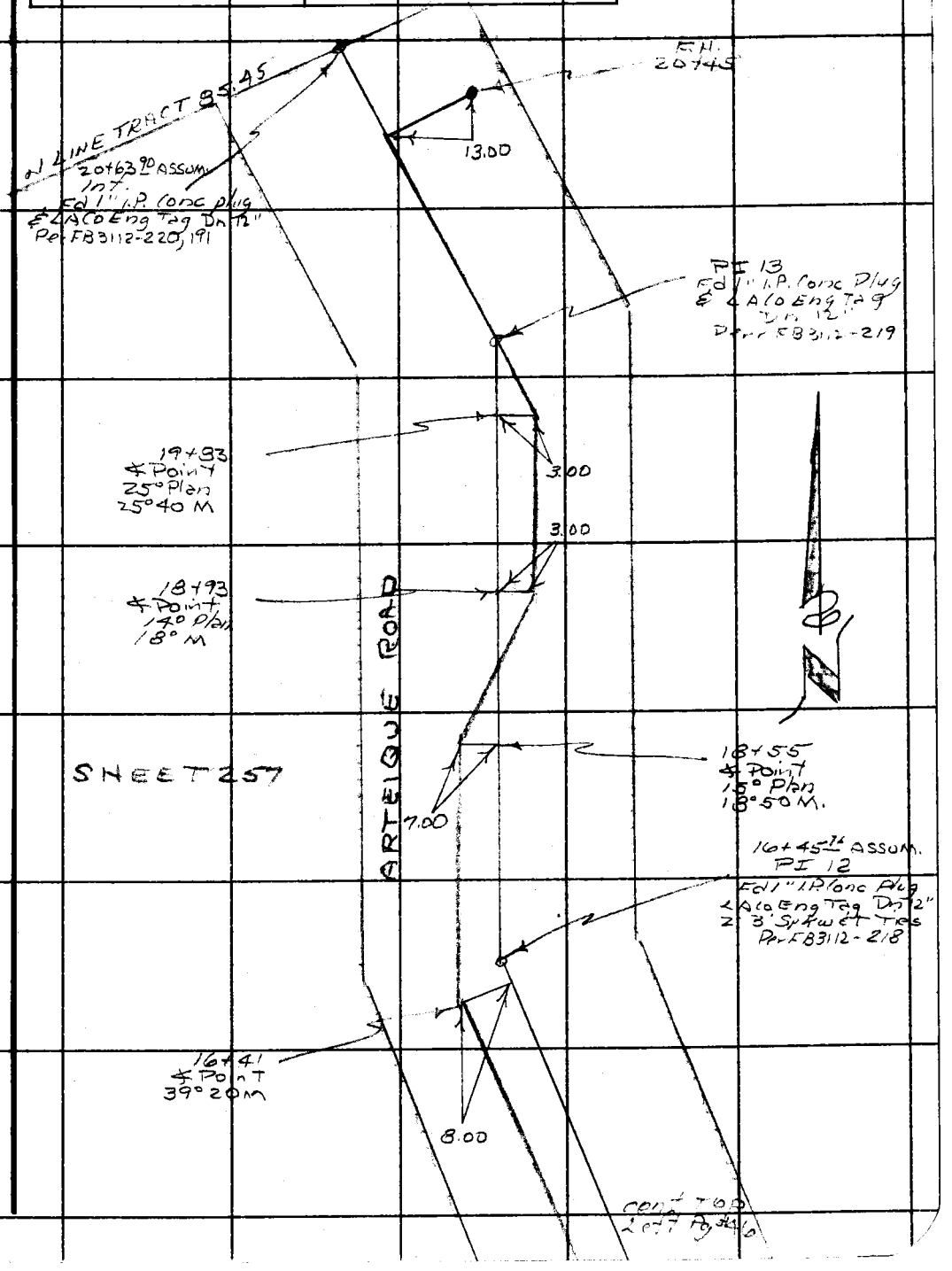
Notes Ck'd by	Survey of WW DIST #29
Map No.	JN 2215.15 Tape 100 Std 84 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R.C.D. Date 5-1-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 47



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76F3095 CE # 310 3-81

F. B. 3402 PG. 48

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Notes Ck'd by	Survey of [illegible] 29	F.B. 3402 Pg. 49
Map No.	JN 2215.15 Tape 226 Std 84 °F	
Office Work	Surveyed by FULTON	
Checked	Notes J.F. Date 5-22-67	
Date	Indexed C. J. GALLI	

W W DIST #29

FERNWOOD PACIFIC DRIVE

2215.15

MAY 22 & 23, 1967

FULTON
ANDERSON
WACKER
NEVAREZ

DALE
MCCALL
JACKSON
FISHER

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P2098 CE #310 5-66

F.B. 3402 Pg. 60

INDEX

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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

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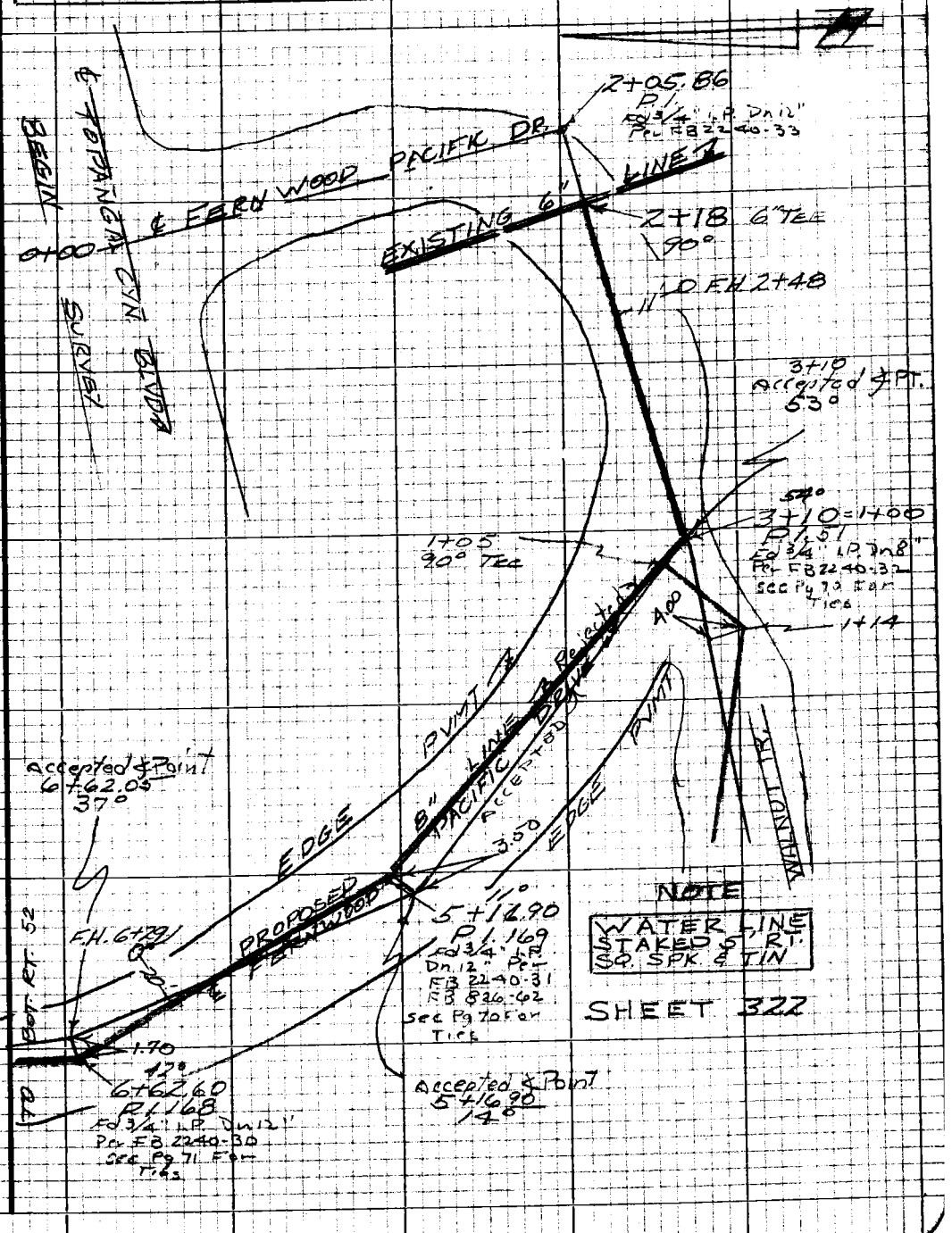
Map No.	IN 2215.15 Tape 226 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 5-22-67
Date	Indexed C. J. GALLI

F.B. 3402 Pg. 51



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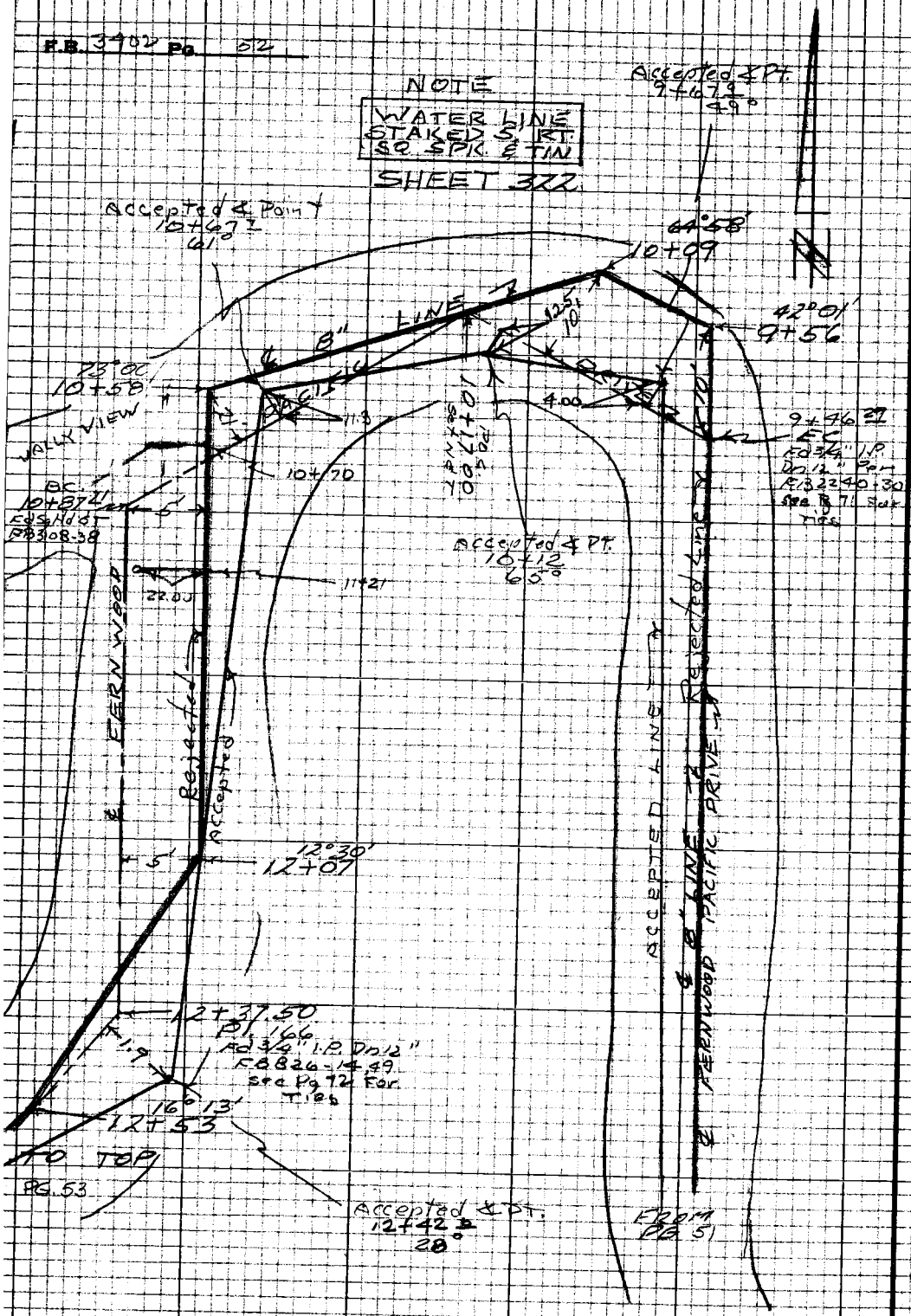
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 3402 Pg. 52



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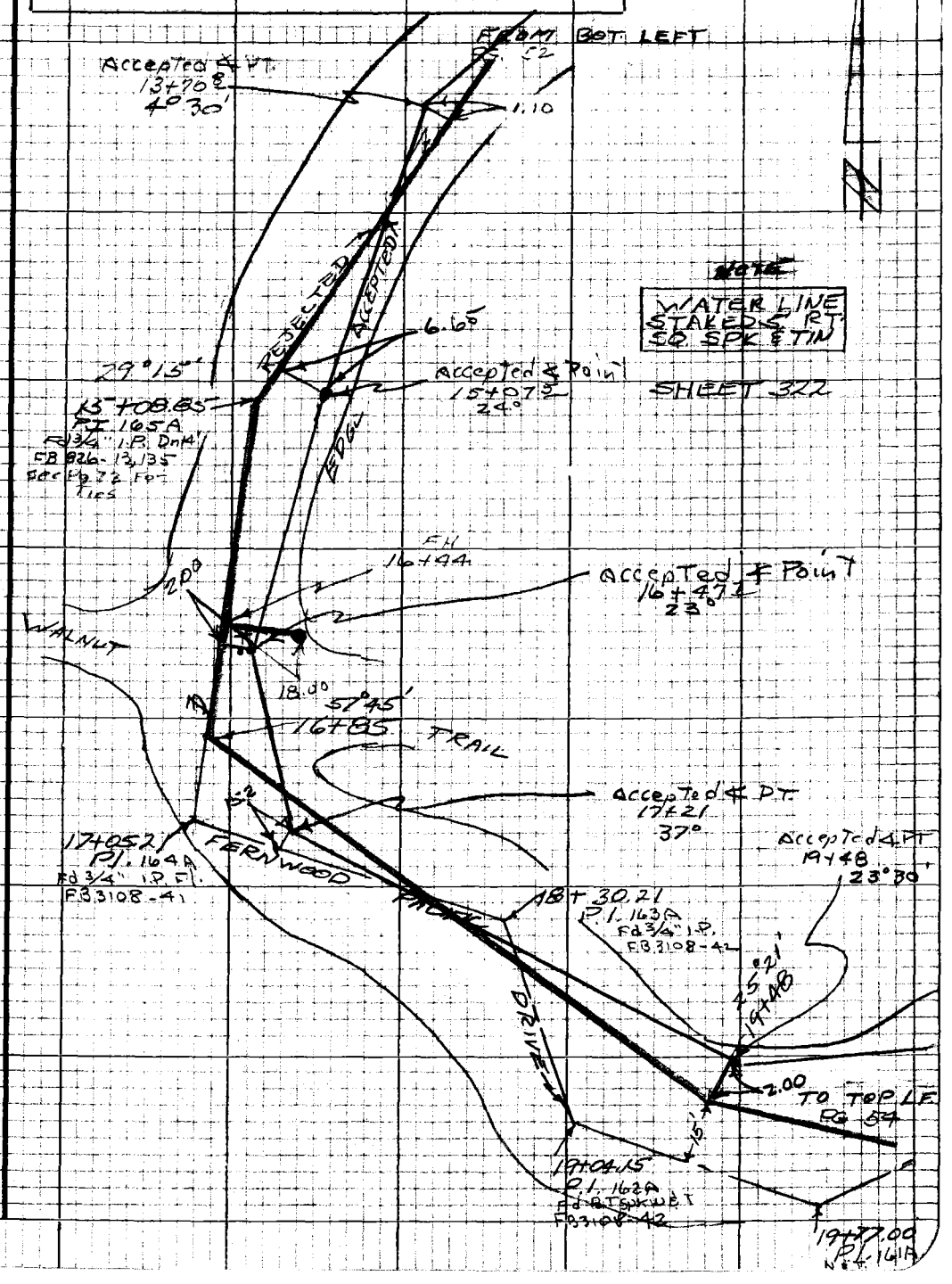
Notes Ck'd by	Survey of NW #29 FERNWOOD
Map No.	IN 221515 Tape 226 Std 68°F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 5-23-67
Date	Indexed C. J. GALLI

F.B. 3402 Pg. 53



Notes: 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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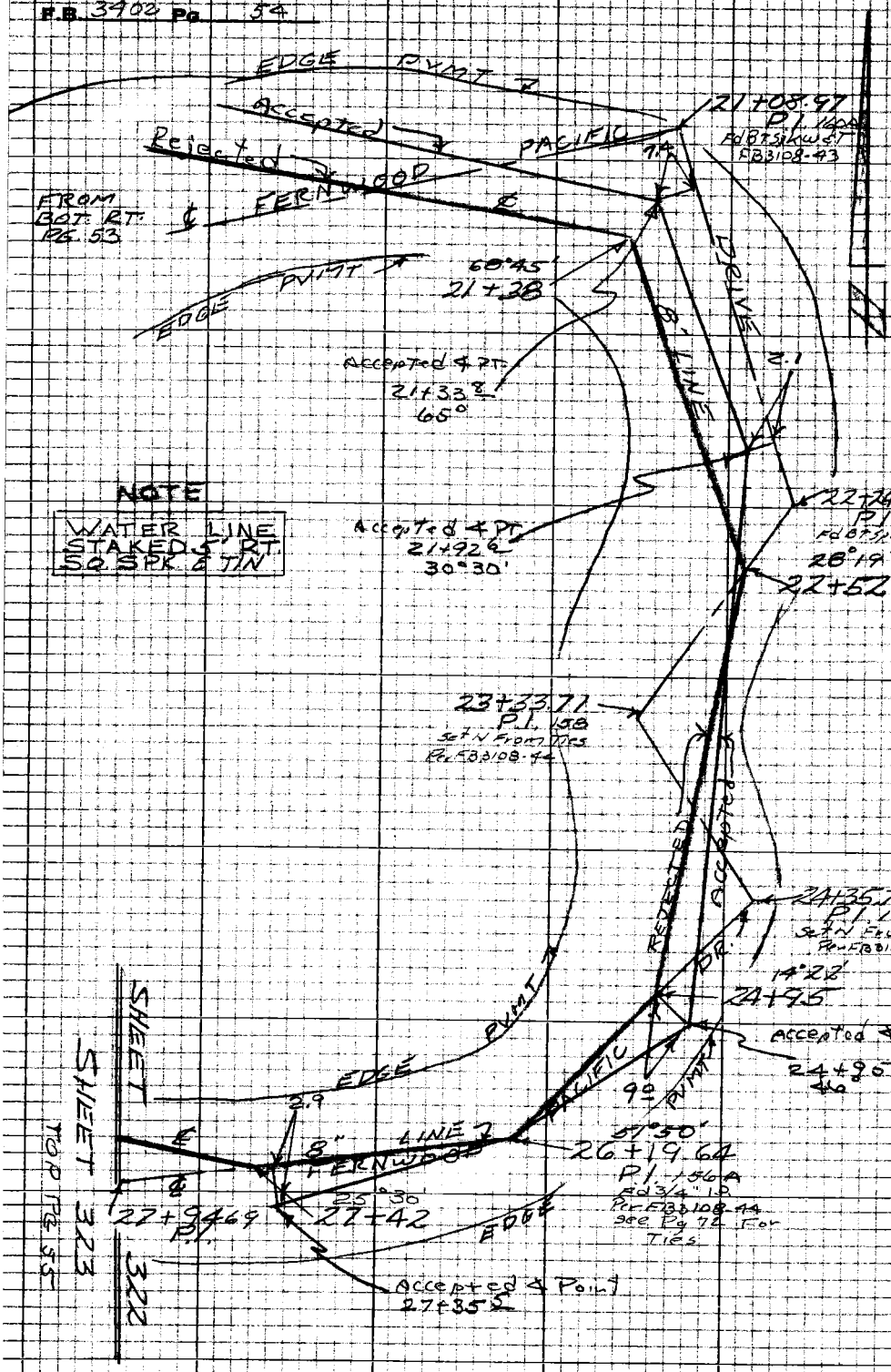
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

7SP303 CK #310 8-68

F.B. 3402 Pg. 54



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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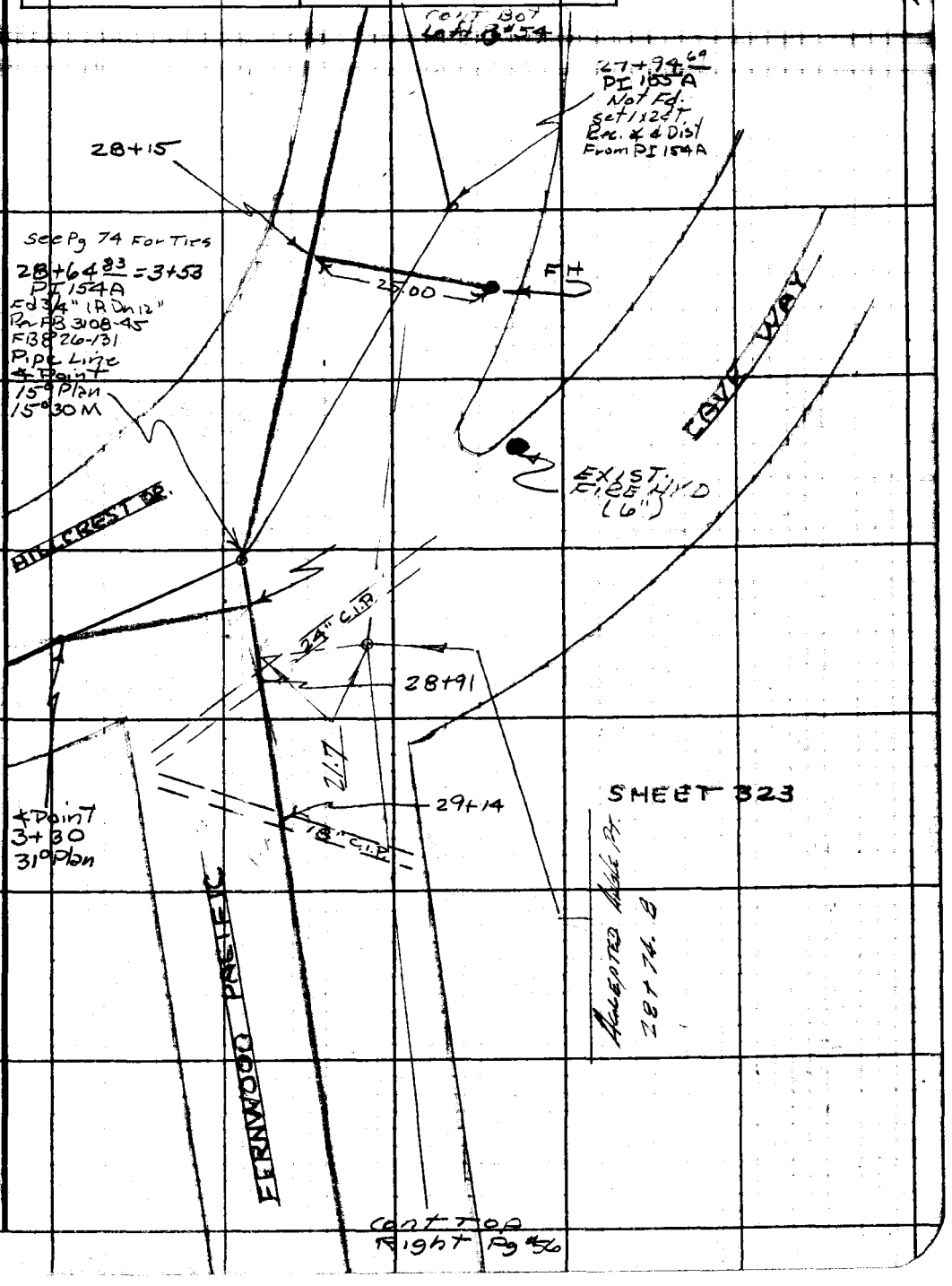
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of W/W DIST #29	F. B. 3402 Pg. 55
Map No.	JN 2215.5 Tape 108 Std 84 °F	
Office Work	Surveyed by R C DALE	
Checked	Notes R.C.D. Date 5-23-67	
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.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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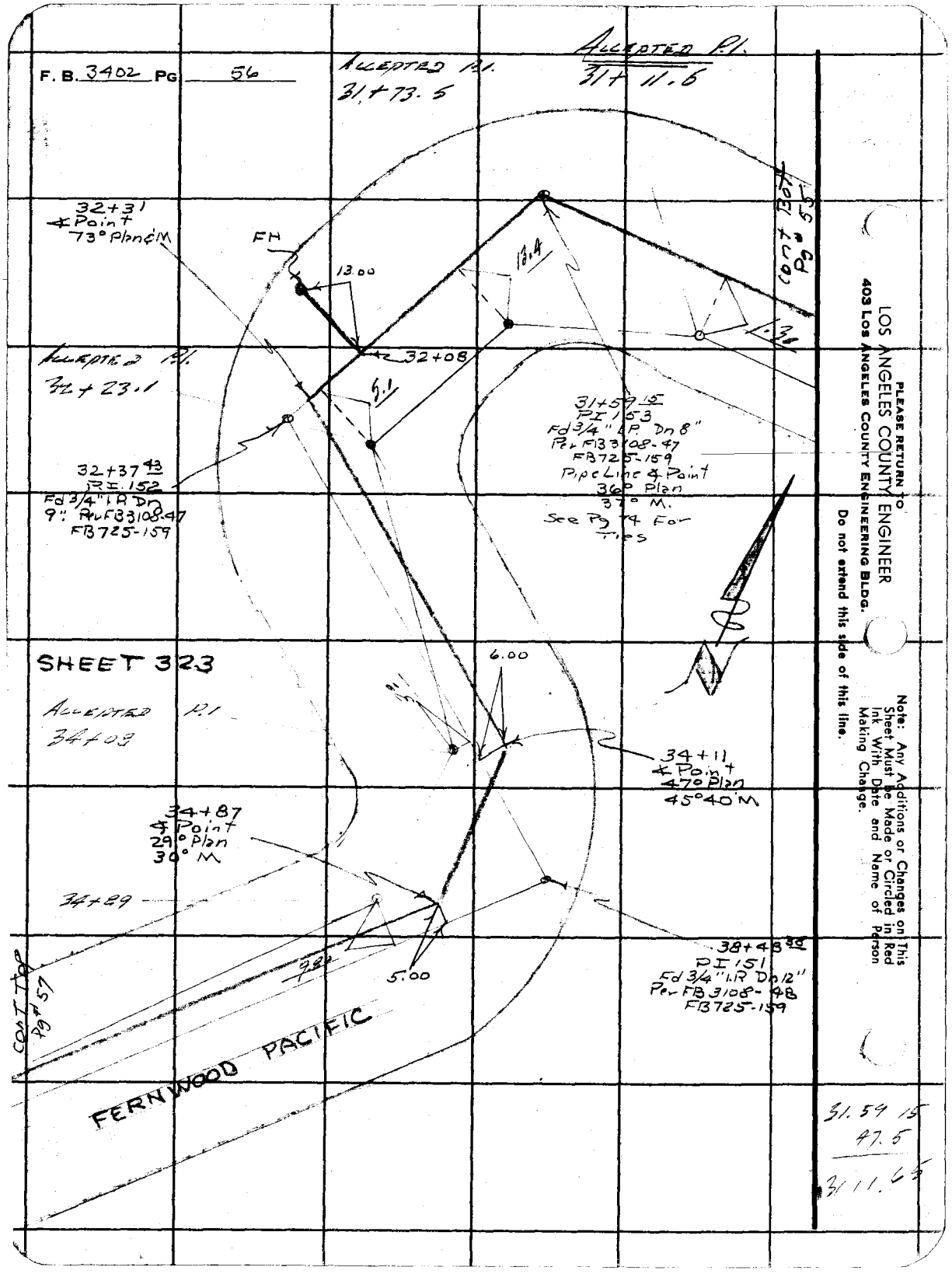
76F3095 CE #310 6-62



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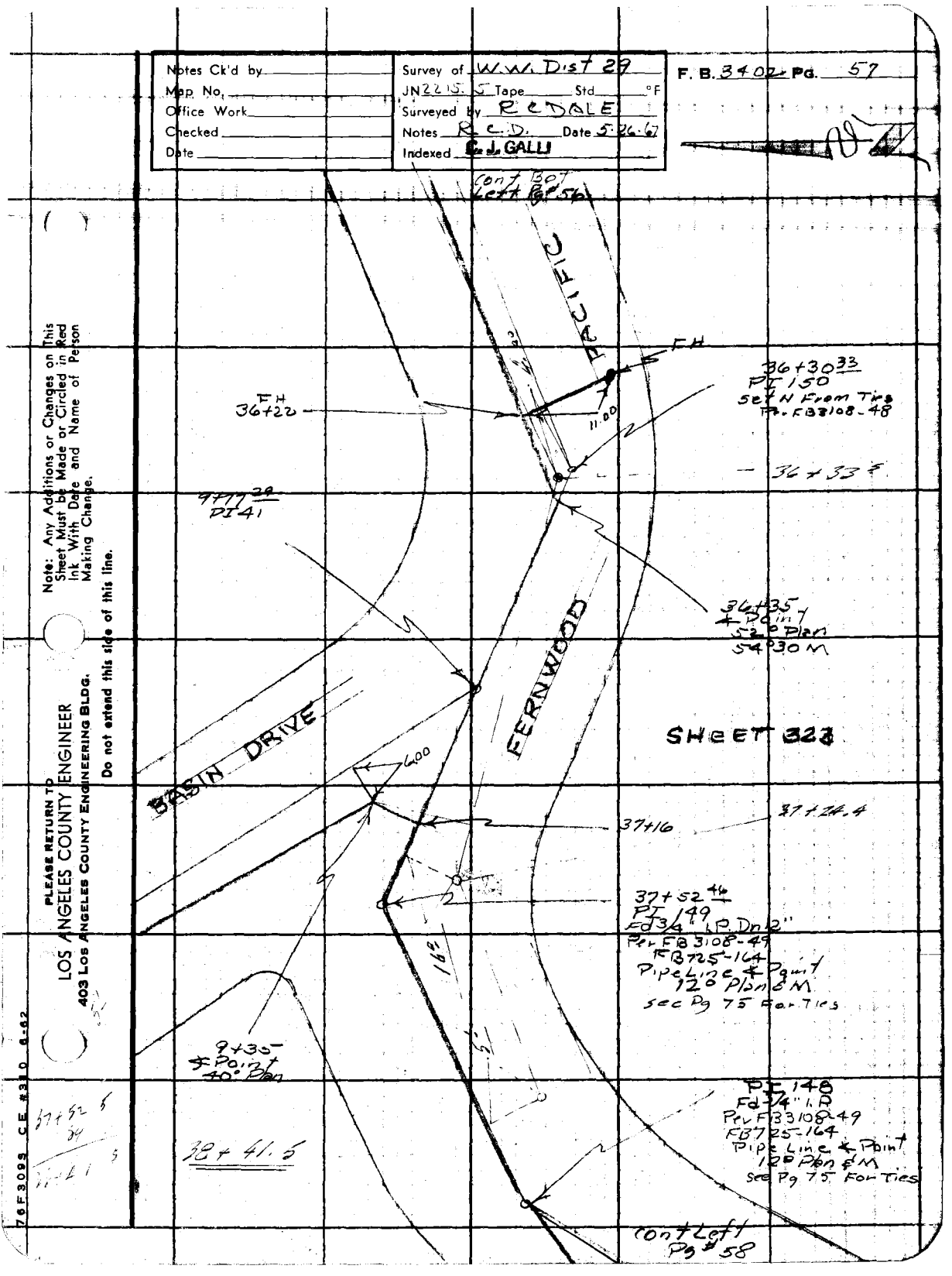
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of W.W. Dist 29
Map No.	JN 22215 Tape Std °F
Office Work	Surveyed by R C DALE
Checked	Notes R.C.D. Date 5-26-67
Date	Indexed C. J. GALLI

F. B. 3402 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.

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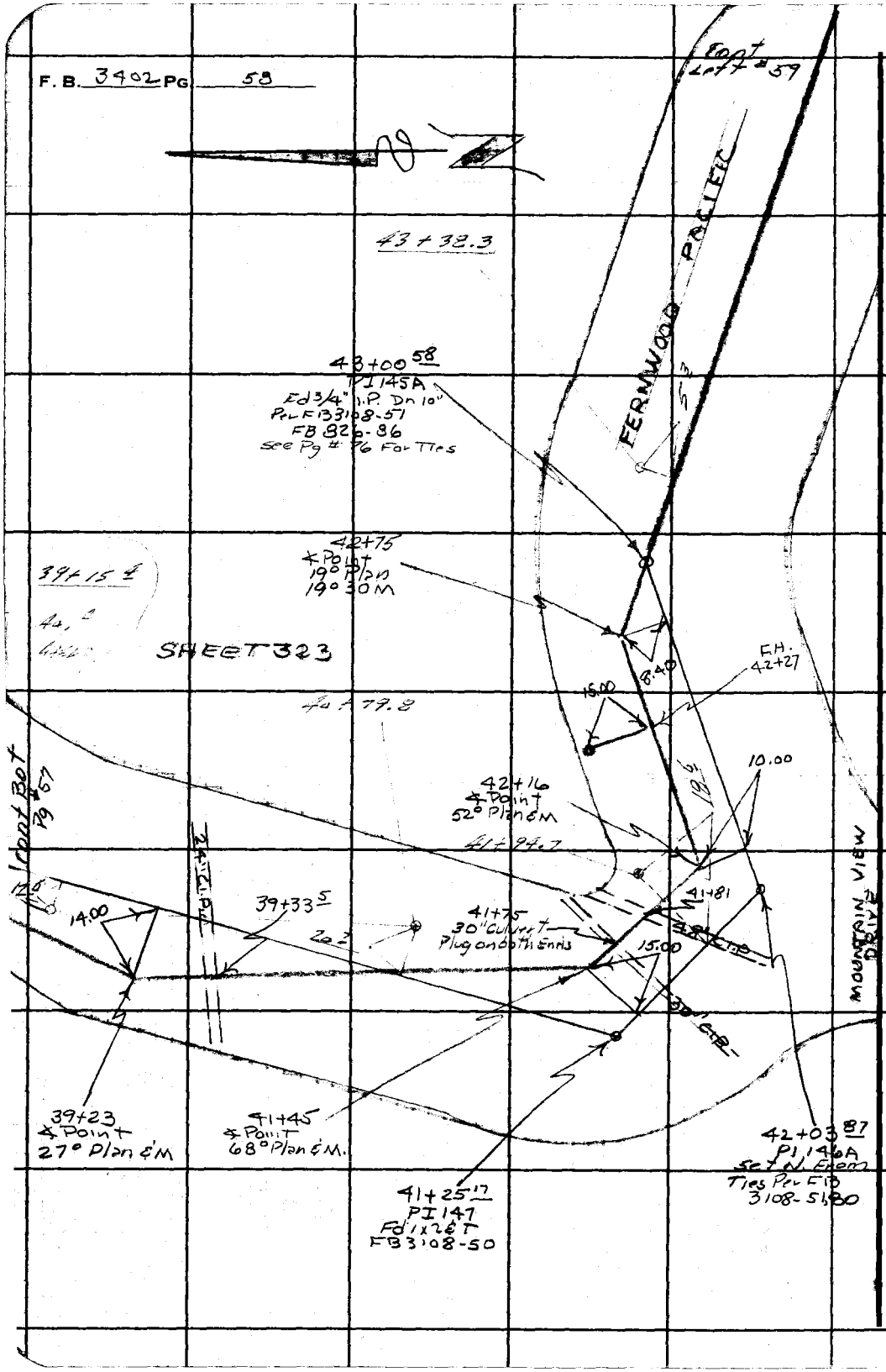
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3093 CE #310 6-62

F. B. 3402 PG 58



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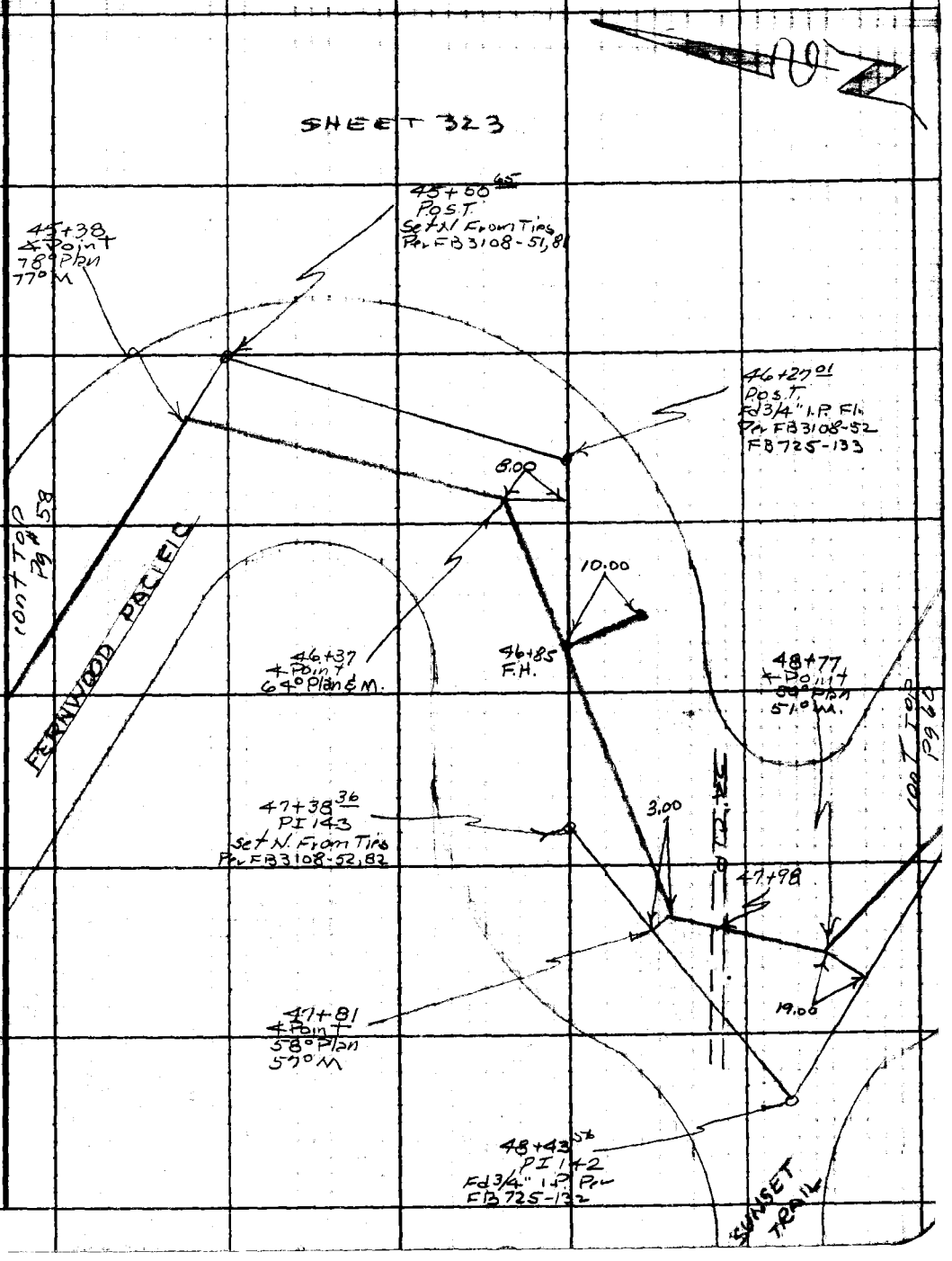
Notes Ck'd by	Survey of WW Dist 29
Map No.	JN 22515 Tape 100 Std 99 °F
Office Work	Surveyed by R.C. DALE
Checked	Notes R.C.D. Date 5-31-67
Date	Indexed Geo. J. GALLI

F. B. 3402 Pg. 59

SHEET 323



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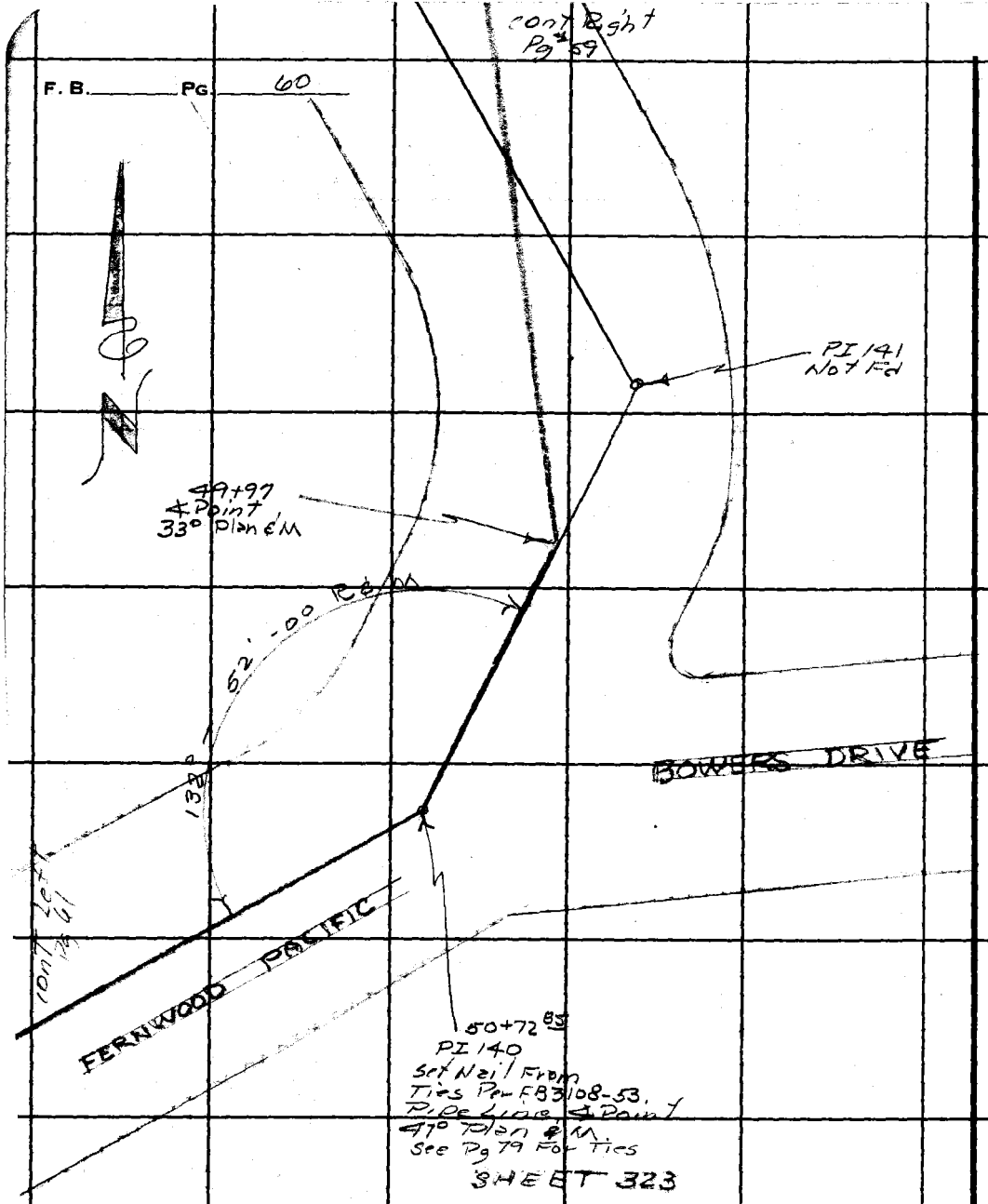
76F309S C.E. #310 8-62

F. B. _____ PG. 60



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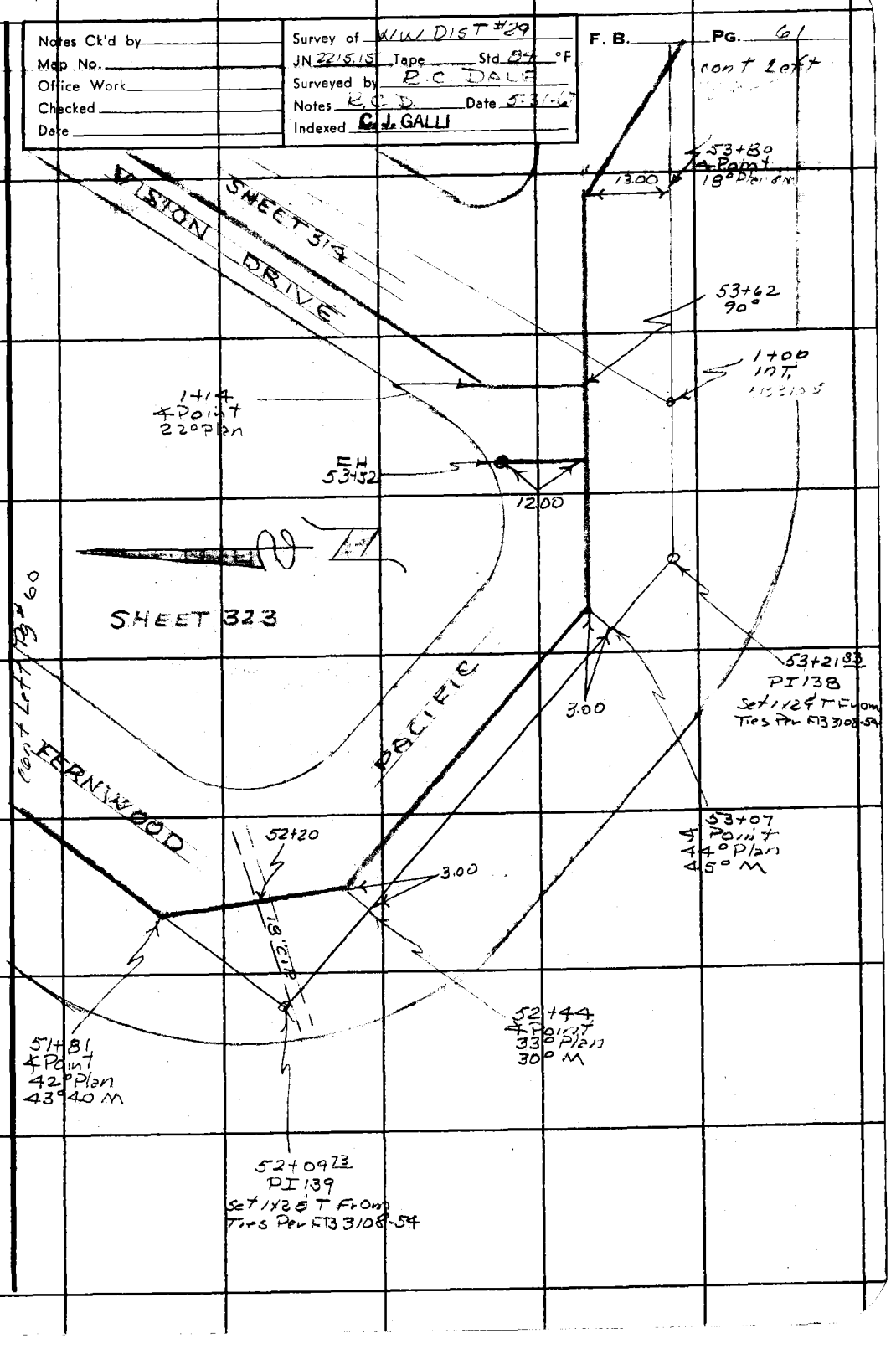
Notes Ck'd by	Survey of W/W DIST #29
Map No.	JN 2215.15 Tape Std 84 °F
Office Work	Surveyed by R.C. DALE
Checked	Notes R.C.D. Date 5-31-61
Date	Indexed C. J. GALLI

F. B. PG. 61

cont Left



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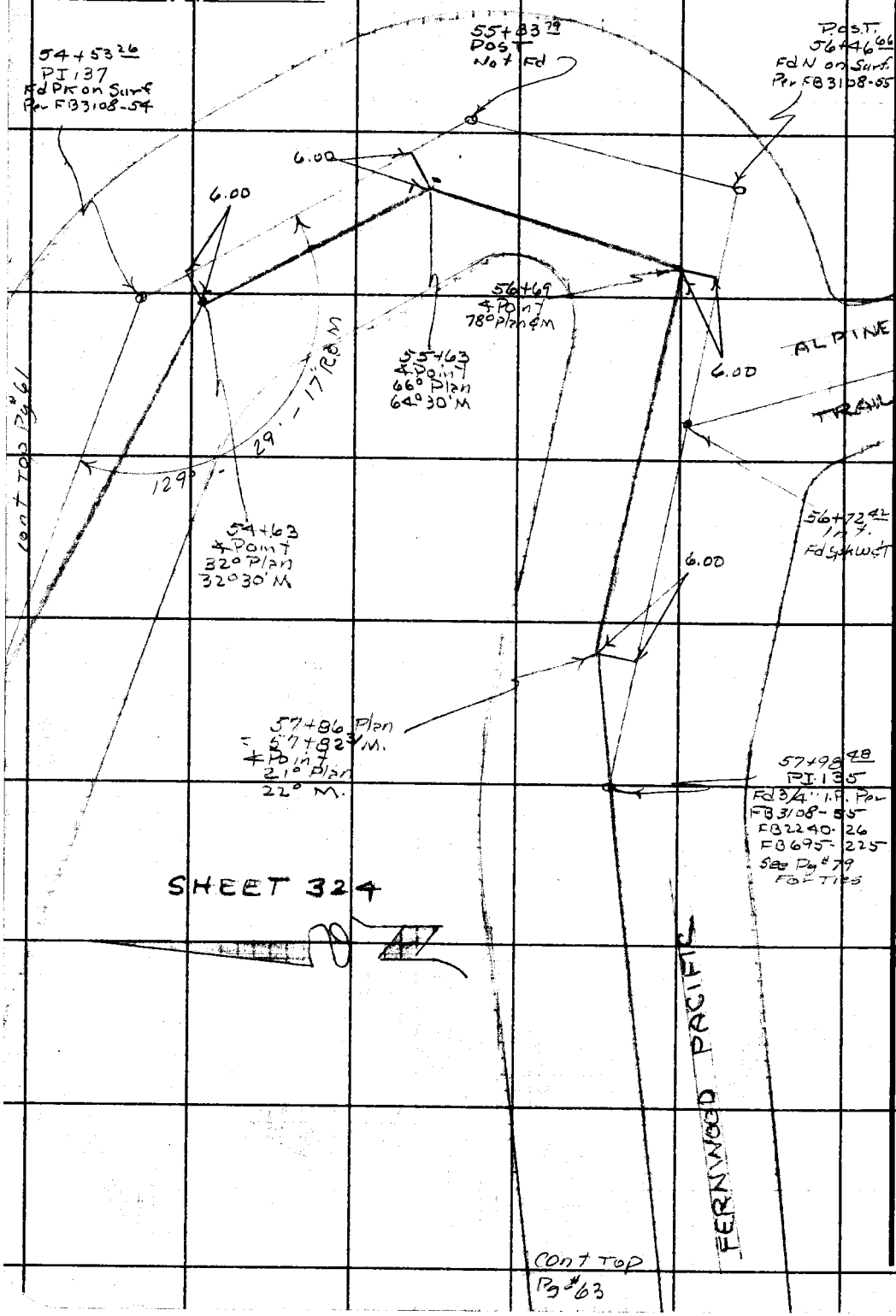
76F3095 CE # 310 3-61

F. B. _____ Pg. 62



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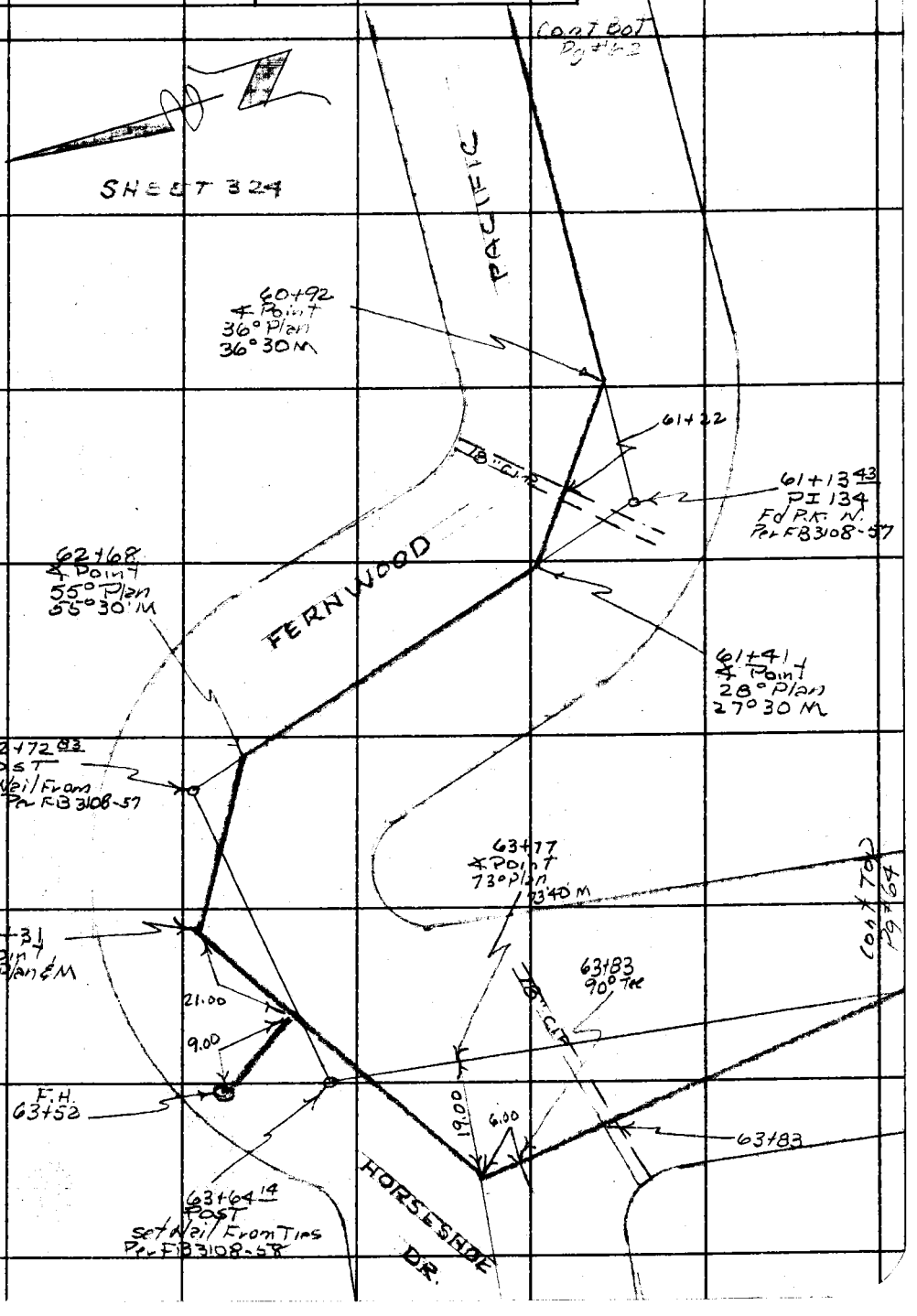
Notes Ck'd by	Survey of W.W. DIST #29	F. B. ____ PG. 63
Map No.	JN 22 15 15 Tape ____ Std 97 °F	
Office Work	Surveyed by R C DALE	
Checked	Notes R.C.D. Date 6-1-67	
Date	Indexed C.J. GALLI	



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

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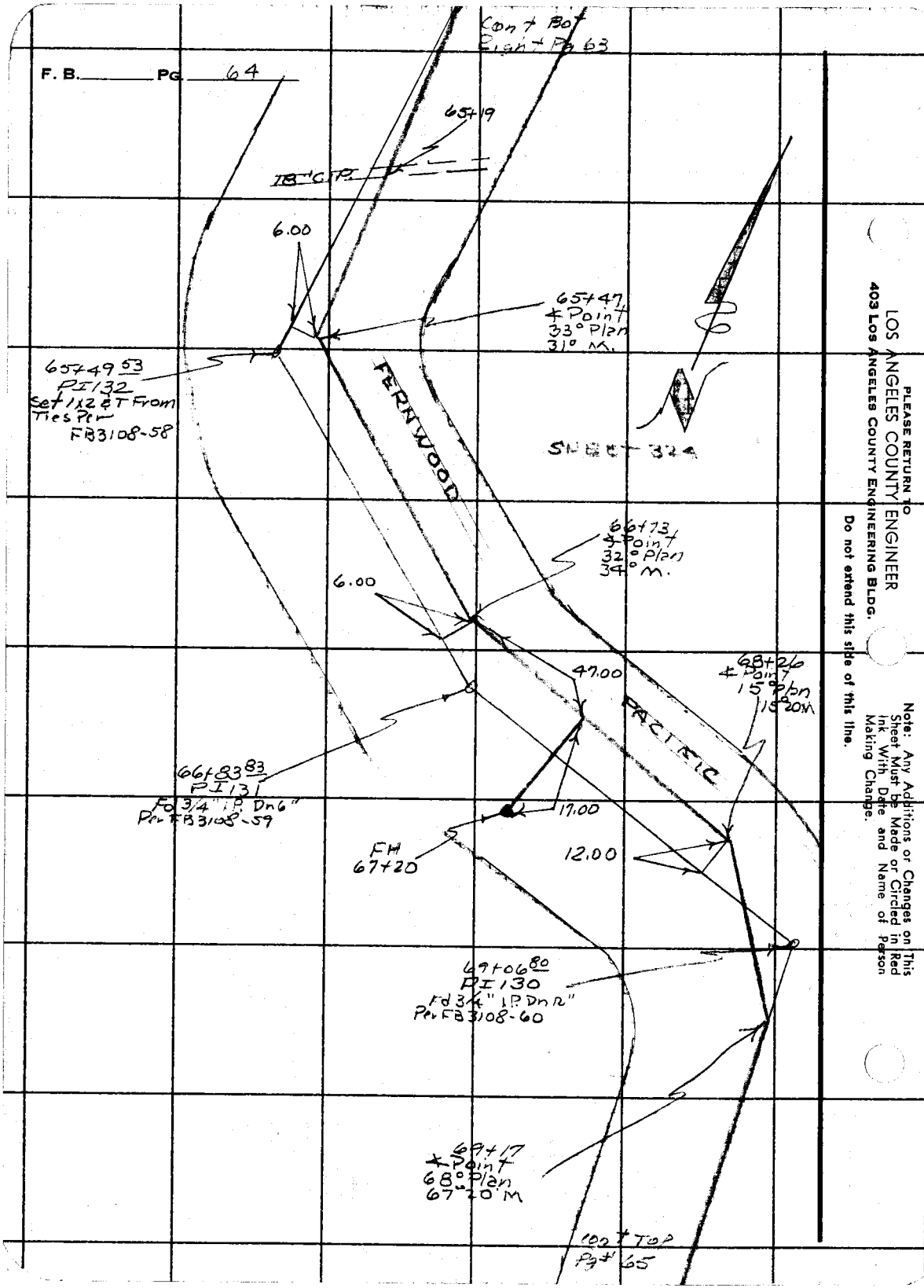
403 LOS ANGELES COUNTY ENGINEERING BLDG.

78F3095 CE # 310 3-61

F. B. _____ PG. 64



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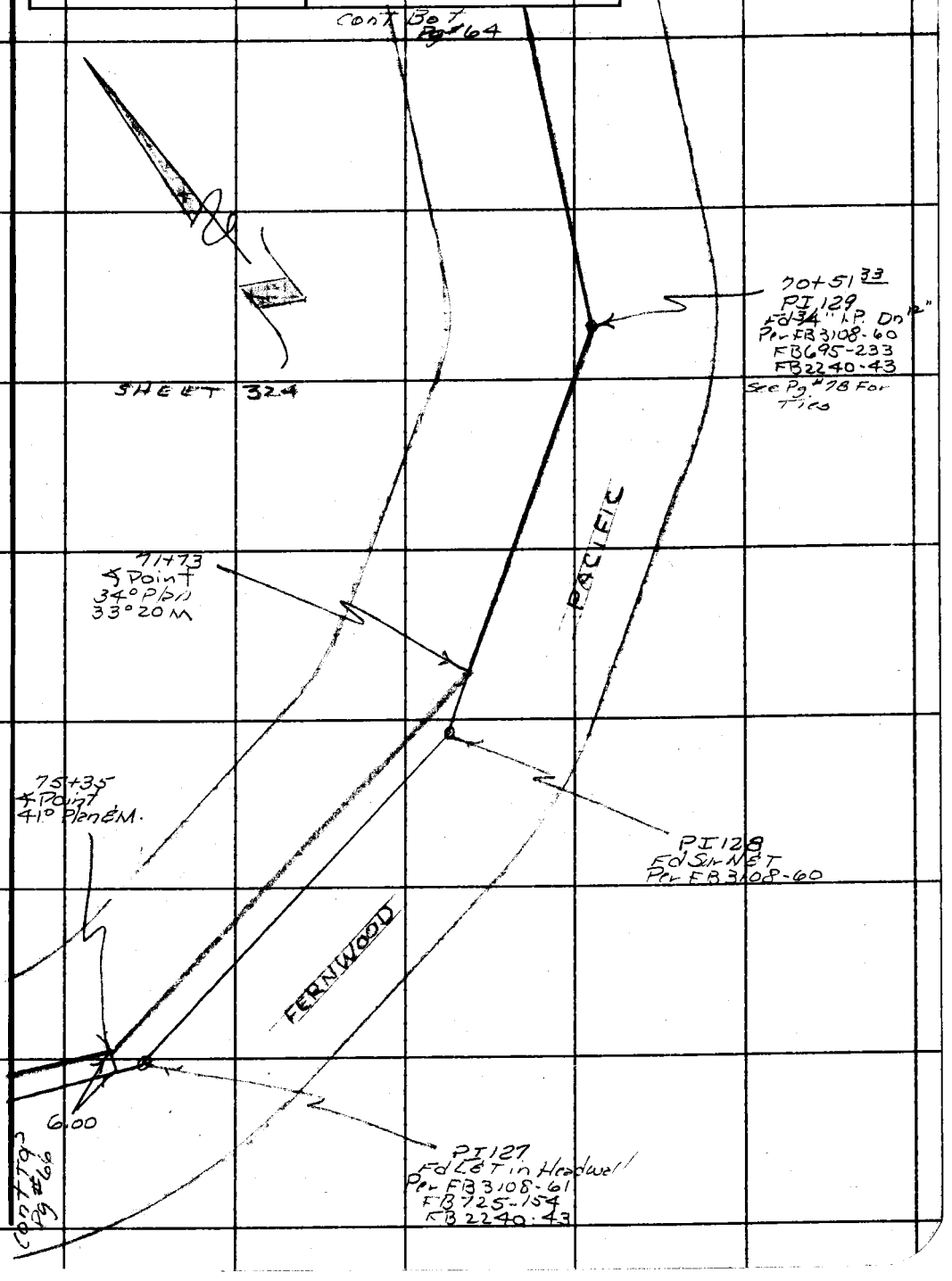
Notes Ck'd by	Survey of WW Dist 29	F. B. Pg. 65
Map No.	JN 2215.15 Tape Std 84 °F	
Office Work	Surveyed by R.C. DALE	
Checked	Notes R.C.D. Date 6-3-67	
Date	Indexed C.J. GALLI	



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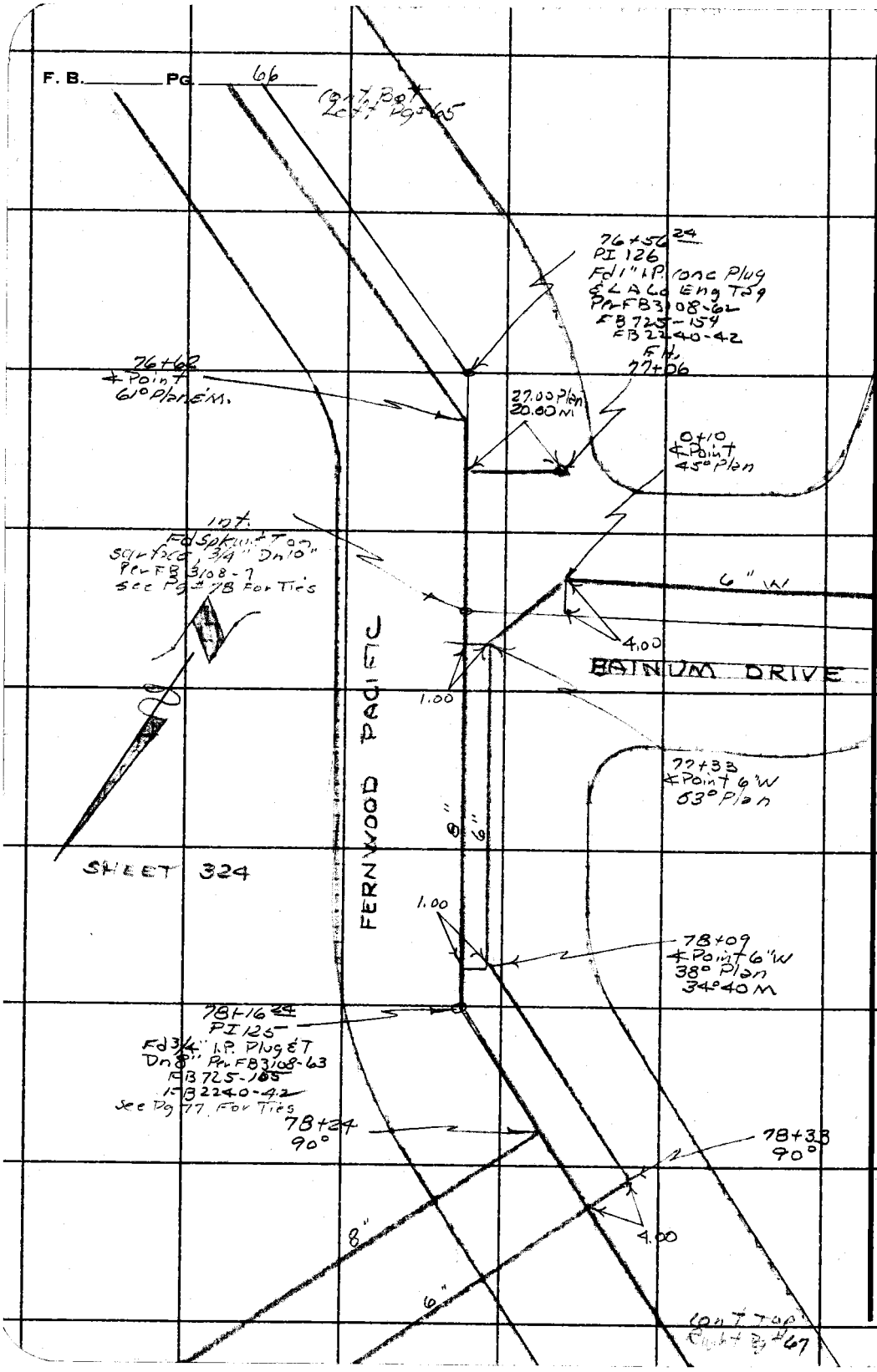
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F. B. _____ PG. 66



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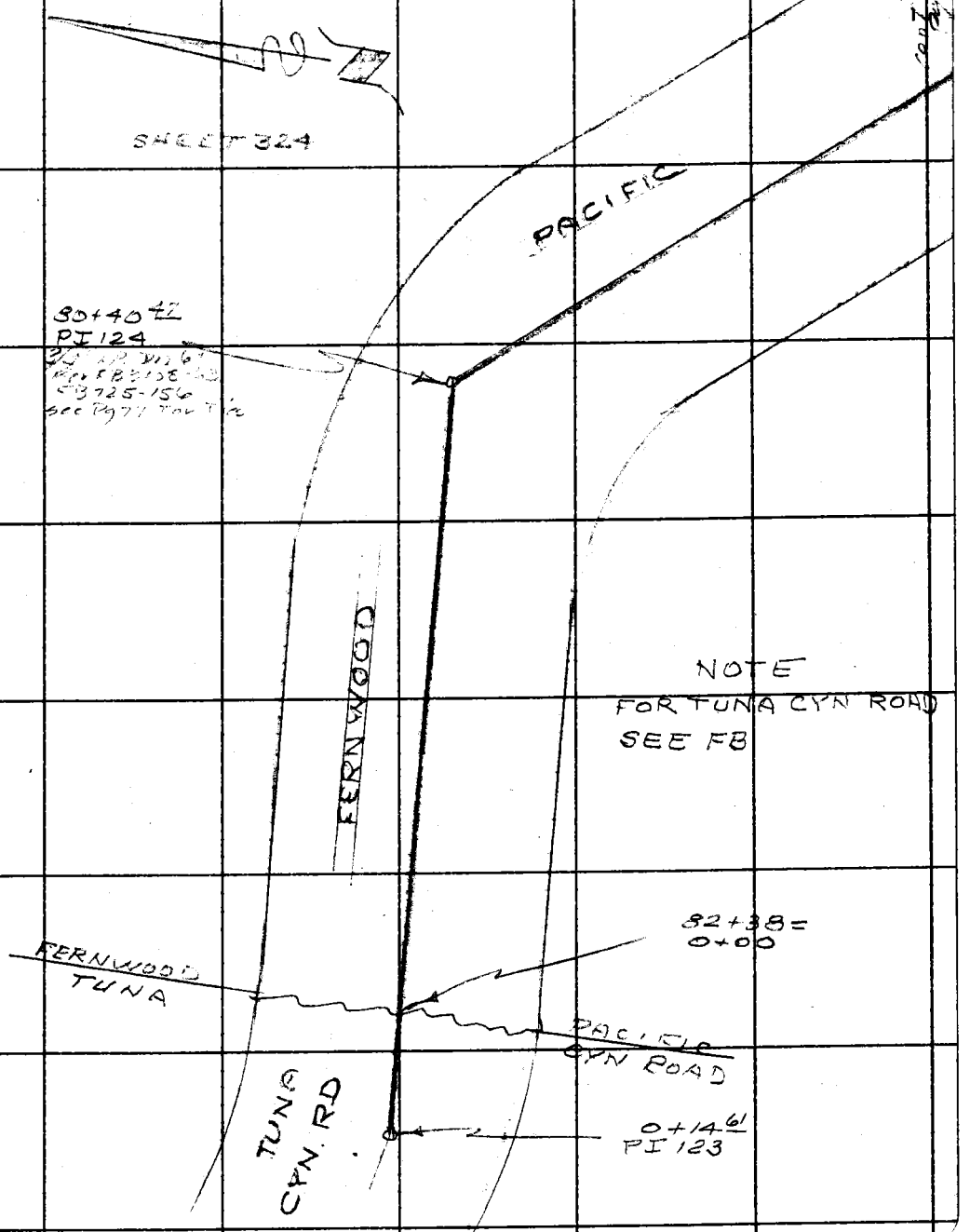
Notes Ck'd by	Survey of WWW DIST 29	F. B. 3402 PG. 67
Map No.	JN 2215.5 Tape Std 84 °F	
Office Work	Surveyed by R C DALE	
Checked	Notes R.C.D. Date 6-2-67	
Date	Indexed C. J. GALLI	



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

F. B. 3402 PG. 68

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Notes Ck'd by	Survey of WW DIST 29
Map No.	JN 0303.00 Tape [illegible] Std [illegible] °F
Office Work	Surveyed by R C DALE
Checked	Notes R.C.D. Date 6-9-67
Date	Indexed C. J. GALLI

F. B. 3402 Pg. 69

FERNWOOD PACIFIC DRIVE

JN 0303.00

JUNE 9 1967

TIES TO CENTER LINE POINTS TO BE REMOVED BY 8" WATER MAIN

PARTY
R C DALE
R.J. ALMANZAN
M.R. NEVAREZ
LL. FISHER
J. FULTONE
PARTY

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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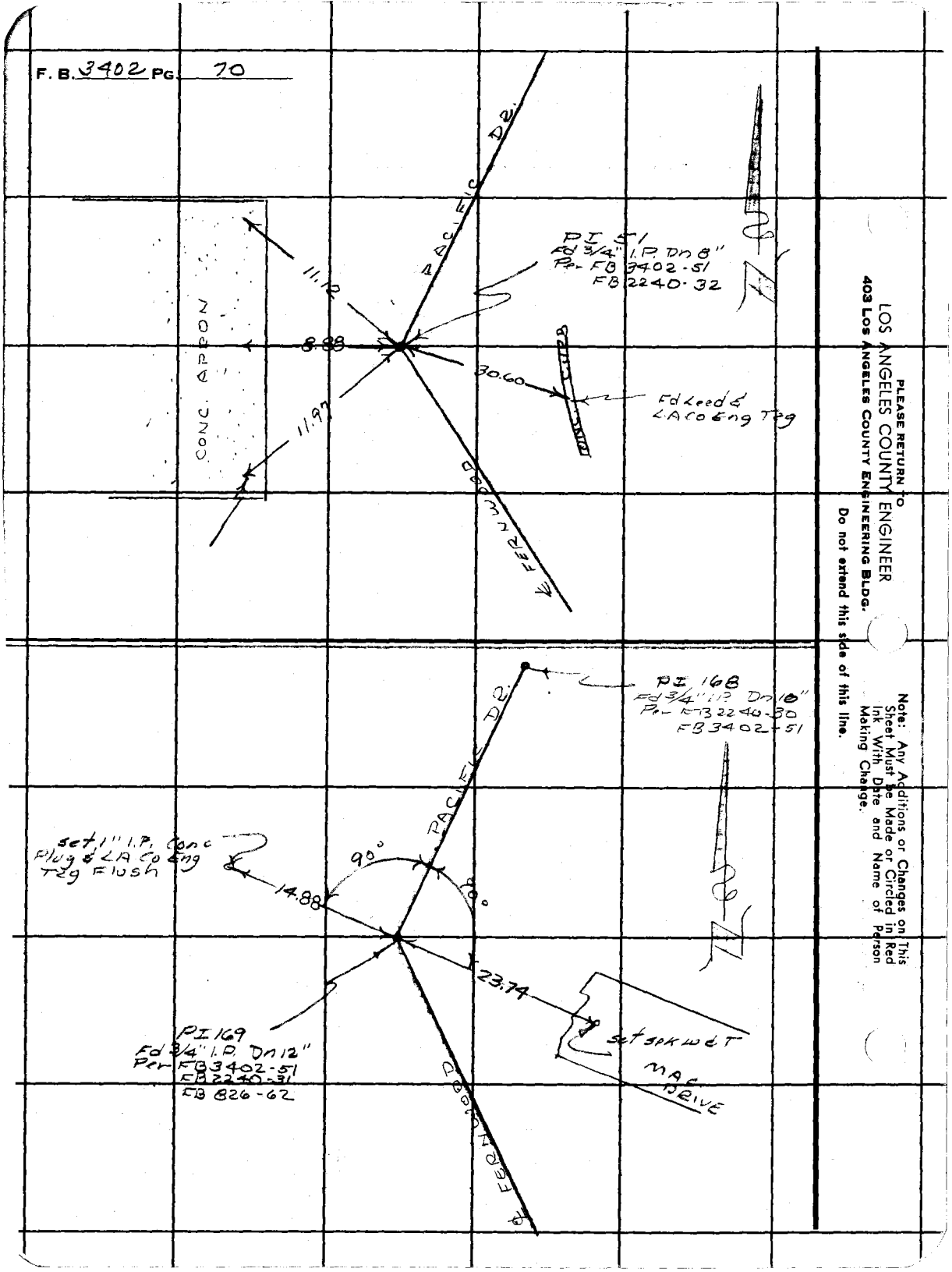
76F3095 CE #310 6-62

F. B. 3402 PG. 70



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403 Los Angeles County Engineering Bldg.

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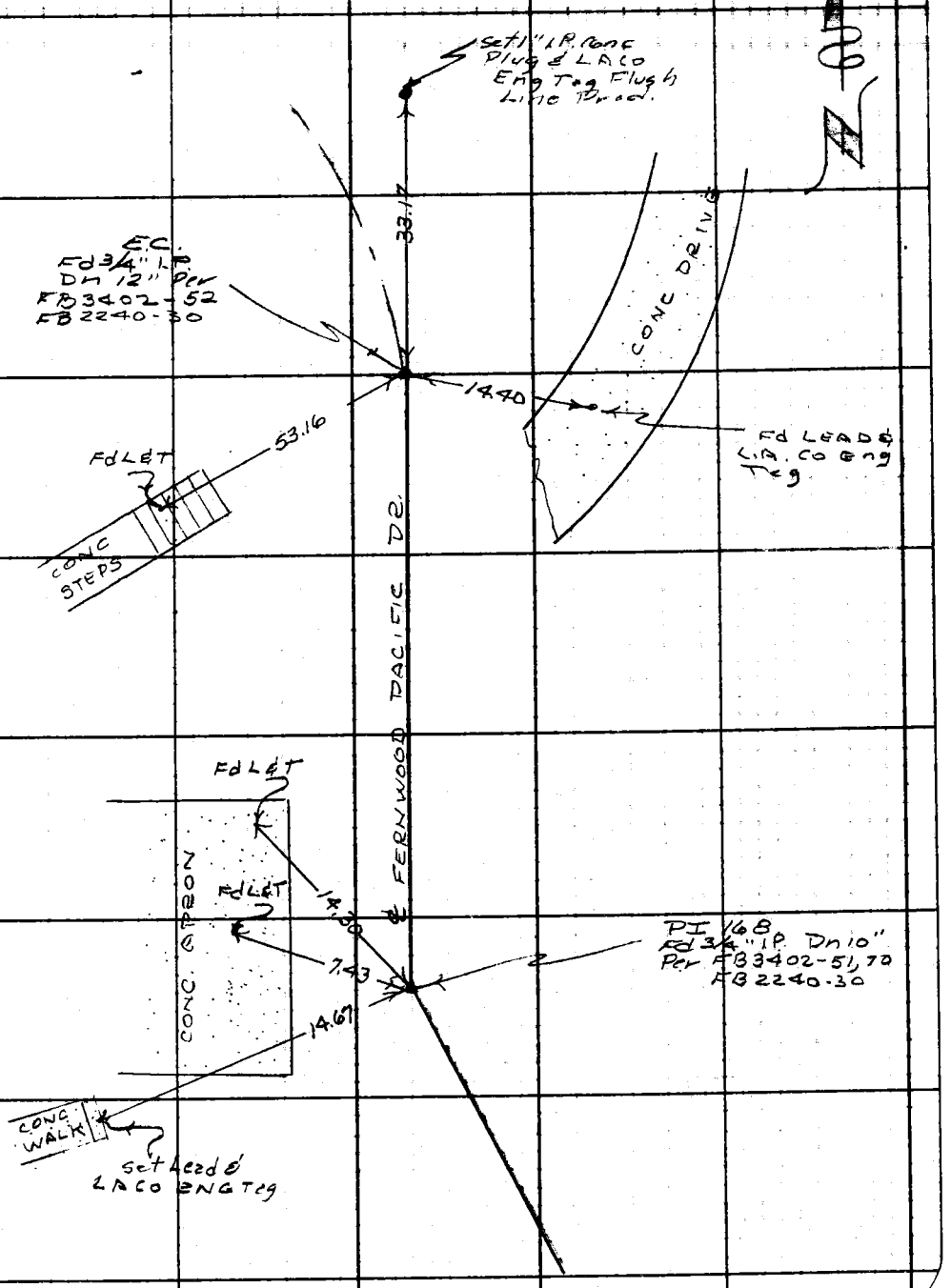
Notes Ck'd by	Survey of WW Dist 29	F. B. 3402 PG. 71
Map No.	JN 03[illegible] Tape 234 Std [illegible] °F	
Office Work	Surveyed by R. C. Dale	
Checked	Notes [illegible] Date 6-9-67	
Date	Indexed C. J. GALLI	



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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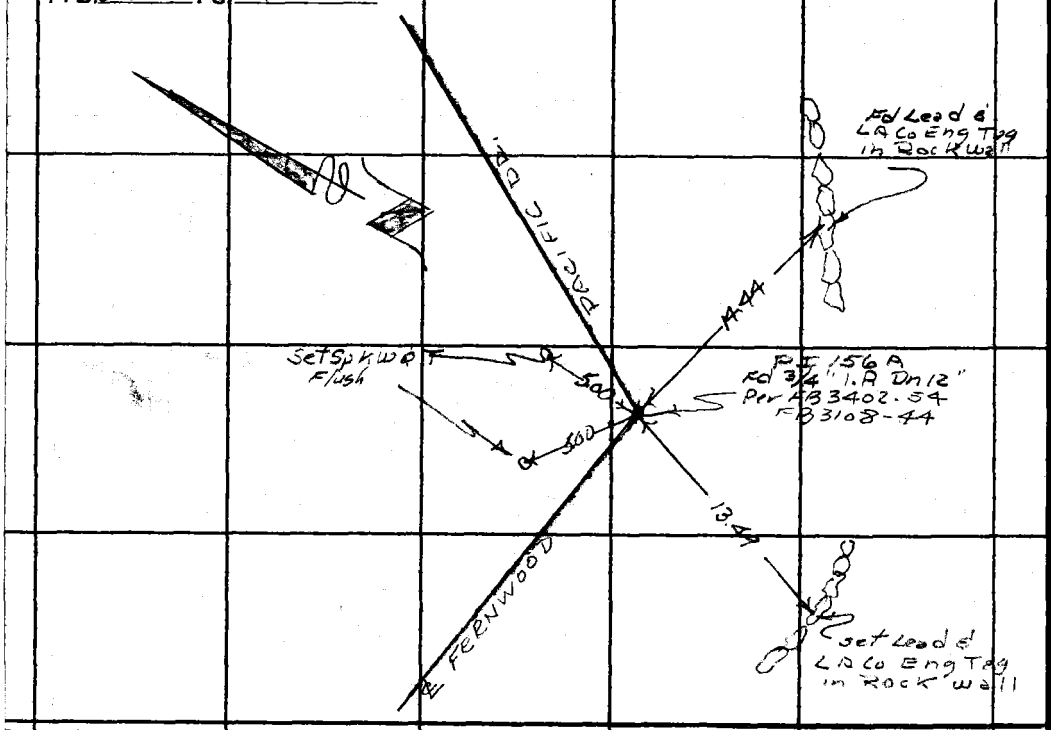
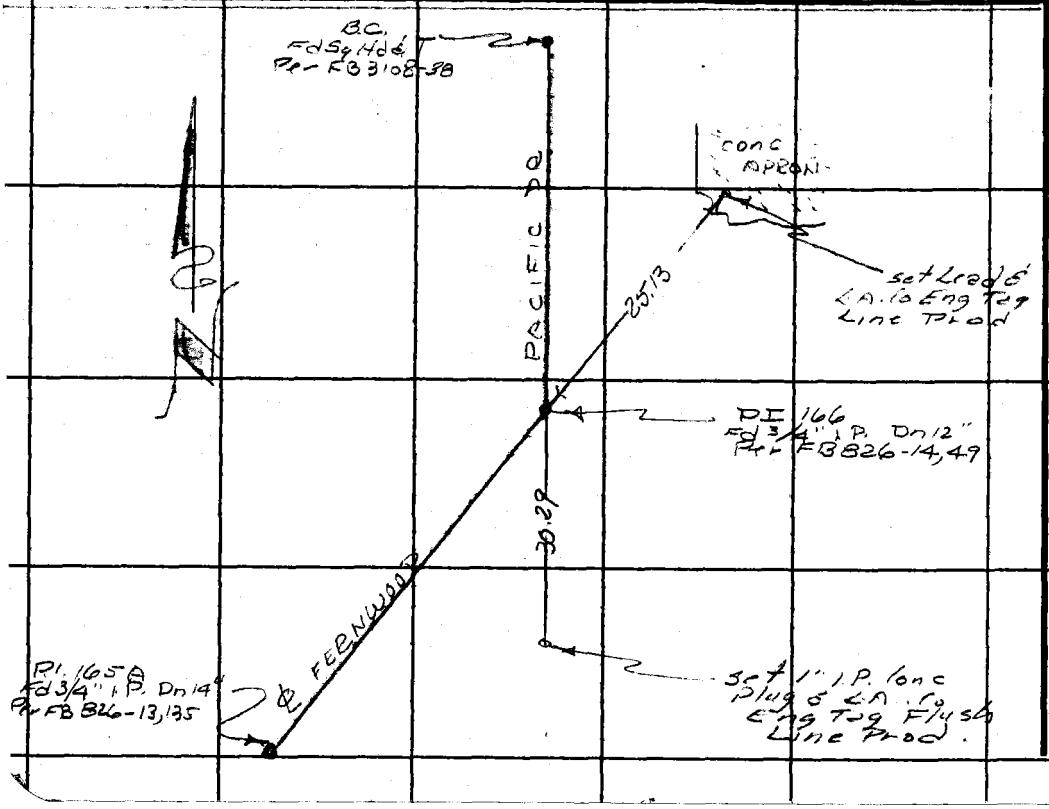
76F309S CE #310 6-62

F. B. 3402 PG 72





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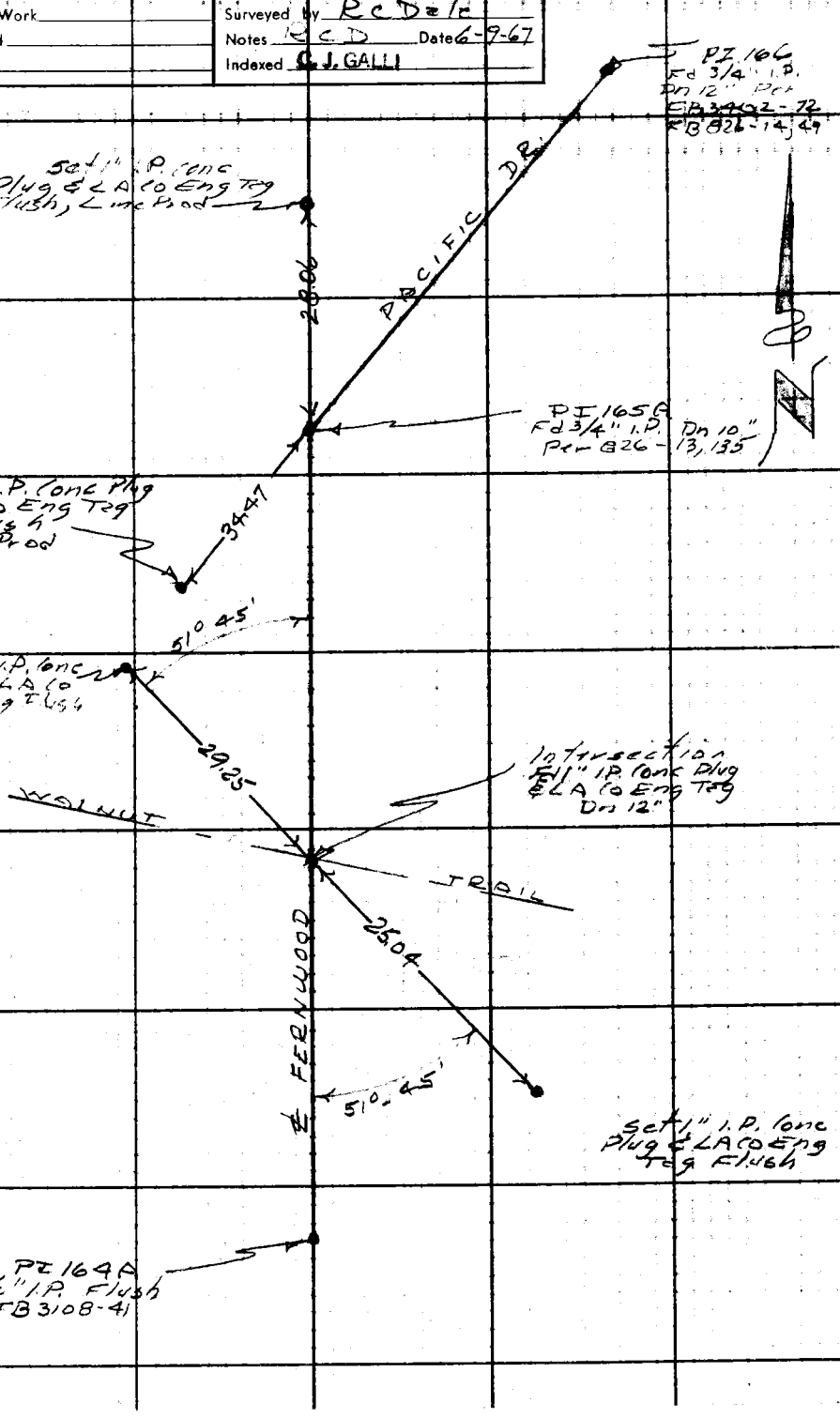
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of W W Dist 29
Map No.	JN 030300 Tape 54 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R C D Date 6-9-67
Date	Indexed G. J. GALLI

F. B. 3402 PG. 73



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

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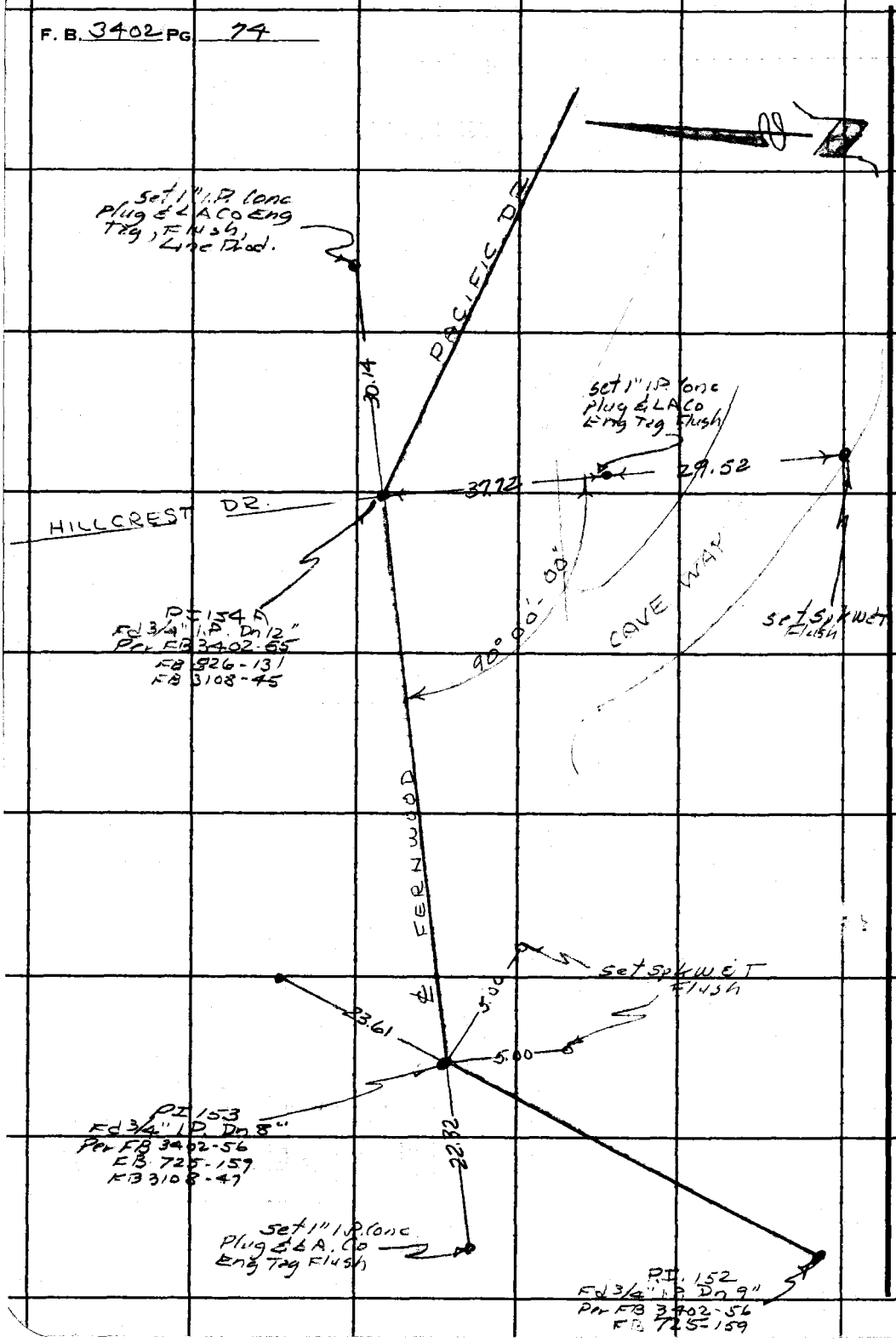
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 C.E. #310 6-62

F. B. 3402 PG 74



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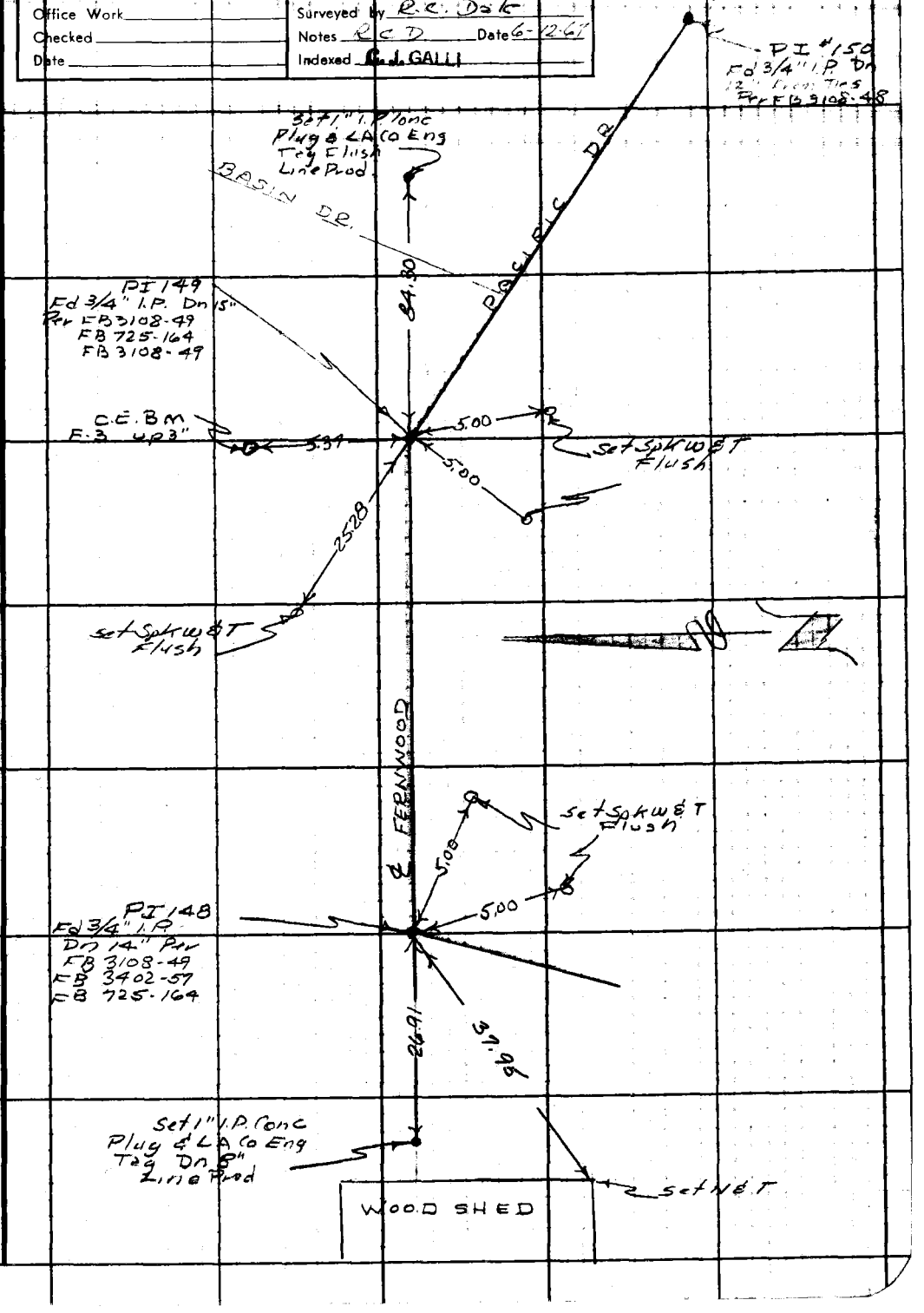
Notes Ck'd by	Survey of W.W. Dist 29
Map No.	JN 0303.00 Tape [illegible] Std [illegible] °F
Office Work	Surveyed by R.C. Dak
Checked	Notes R.C.D. Date 6-12-67
Date	Indexed C.J. GALLI

F. B. 3402 PG. 75



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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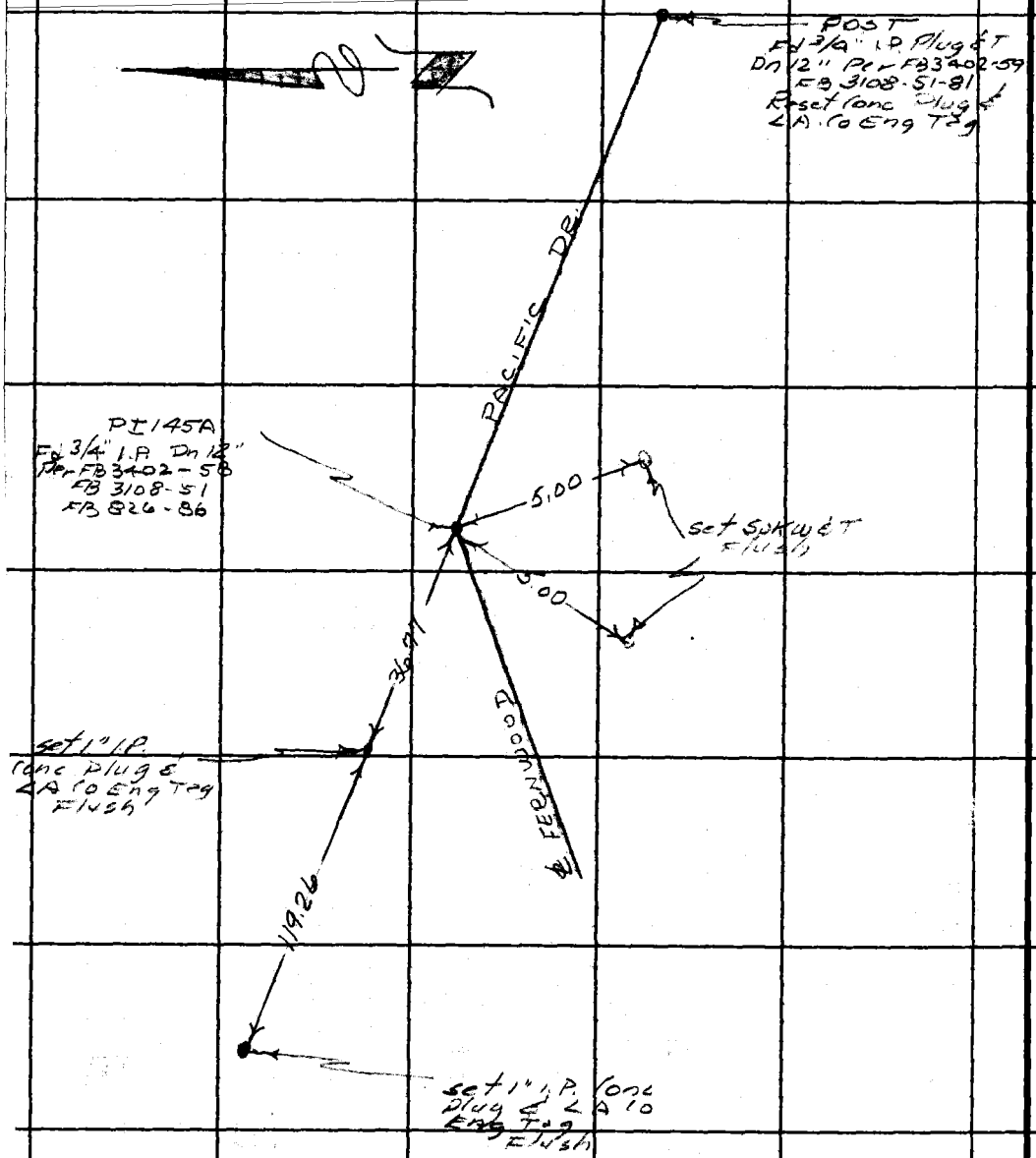
76F309S CE #310 6-62

F. B. 3402 PG. 76



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403 Los Angeles County Engineering Bldg.

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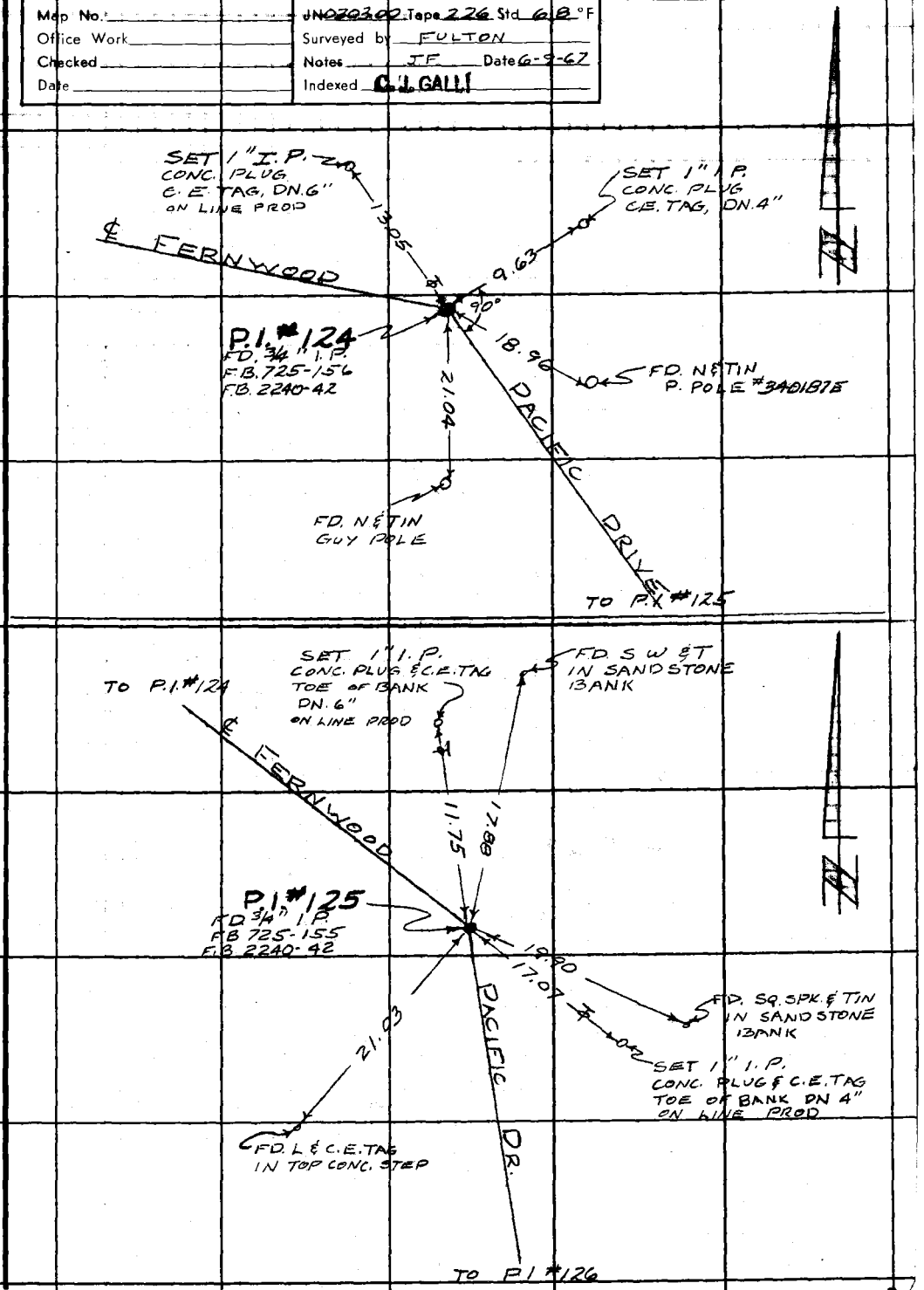
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FERNWOOD PACIFIC DR
Map No.	JN 0203.00 Tape 226 Std 6.8 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 6-9-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 77



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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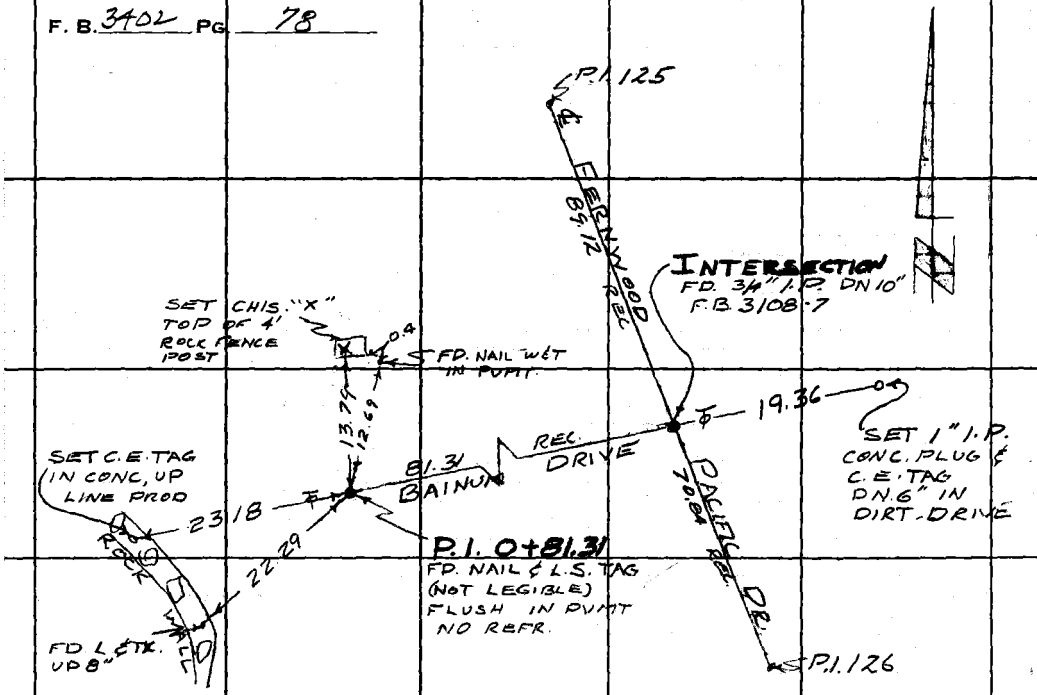
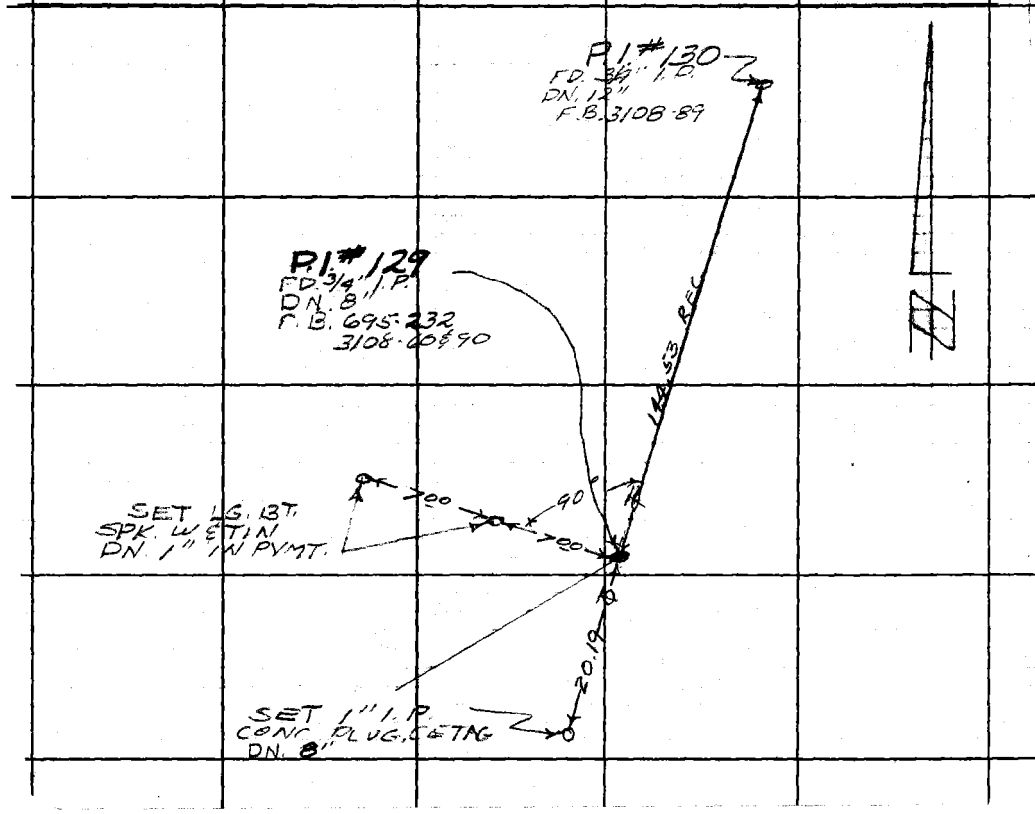
76F309S CE#310 1-65

F. B. 3402 PG 78





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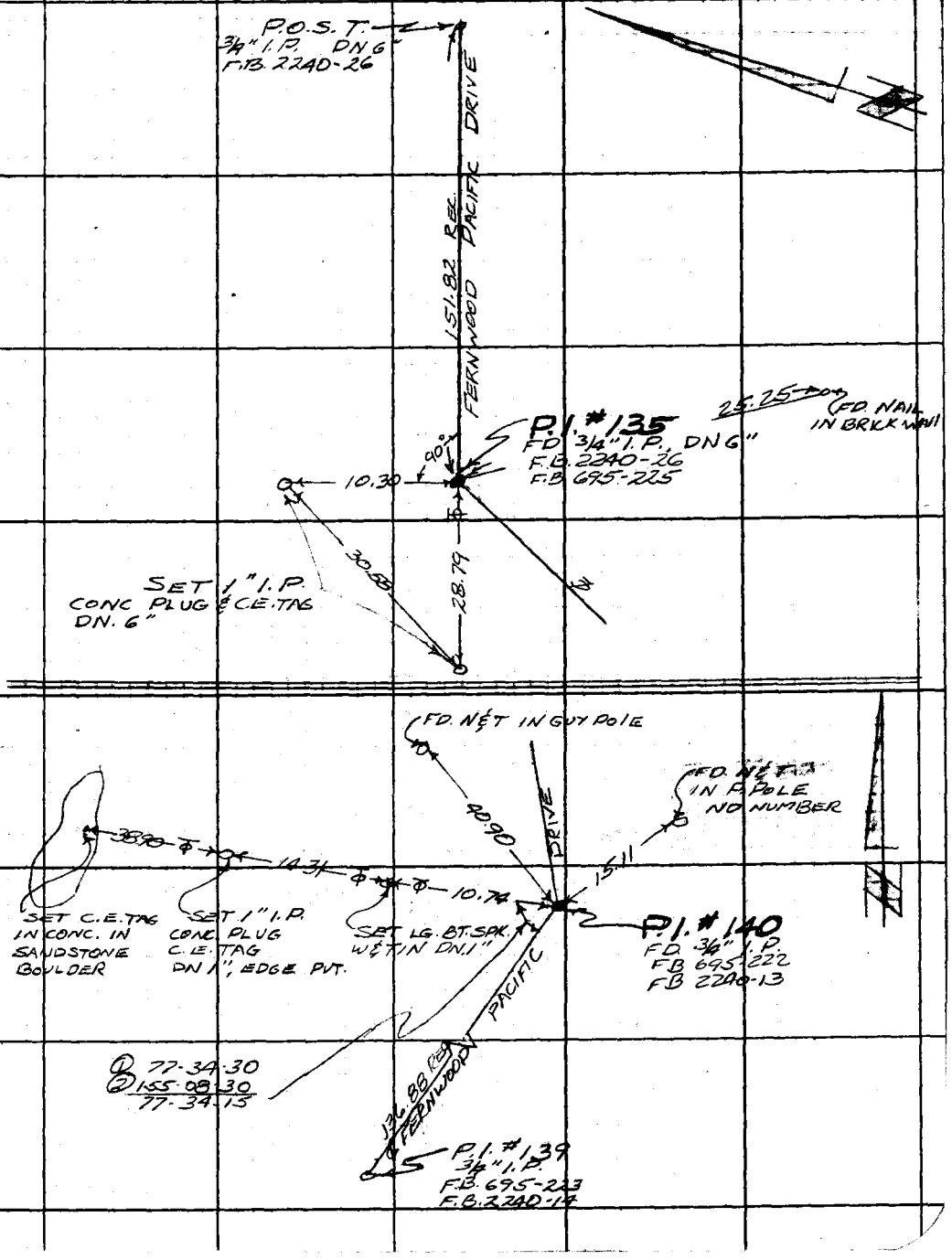
Notes Ck'd by	Survey of FERNWOOD PACIFIC DR. F. B. 3402 PG. 79
Map No.	JN 030300 Tape 226 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 6-23-67
Date	Indexed C. J. GALLI NOV 15 '67



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76F309S CE#310 1-65

F. B. 3402 PG 80

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Notes Ck'd by	Survey of	F. B. 3402 PG. 91
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed C.J. GALLI NOV 16 67	

OWEN
PUMPING STATION

JN 2215.15

JUNE 13 1967

PARTY
RC DALE
R J ALMANZAN
M.R. NEVAREZ
L L FISHER

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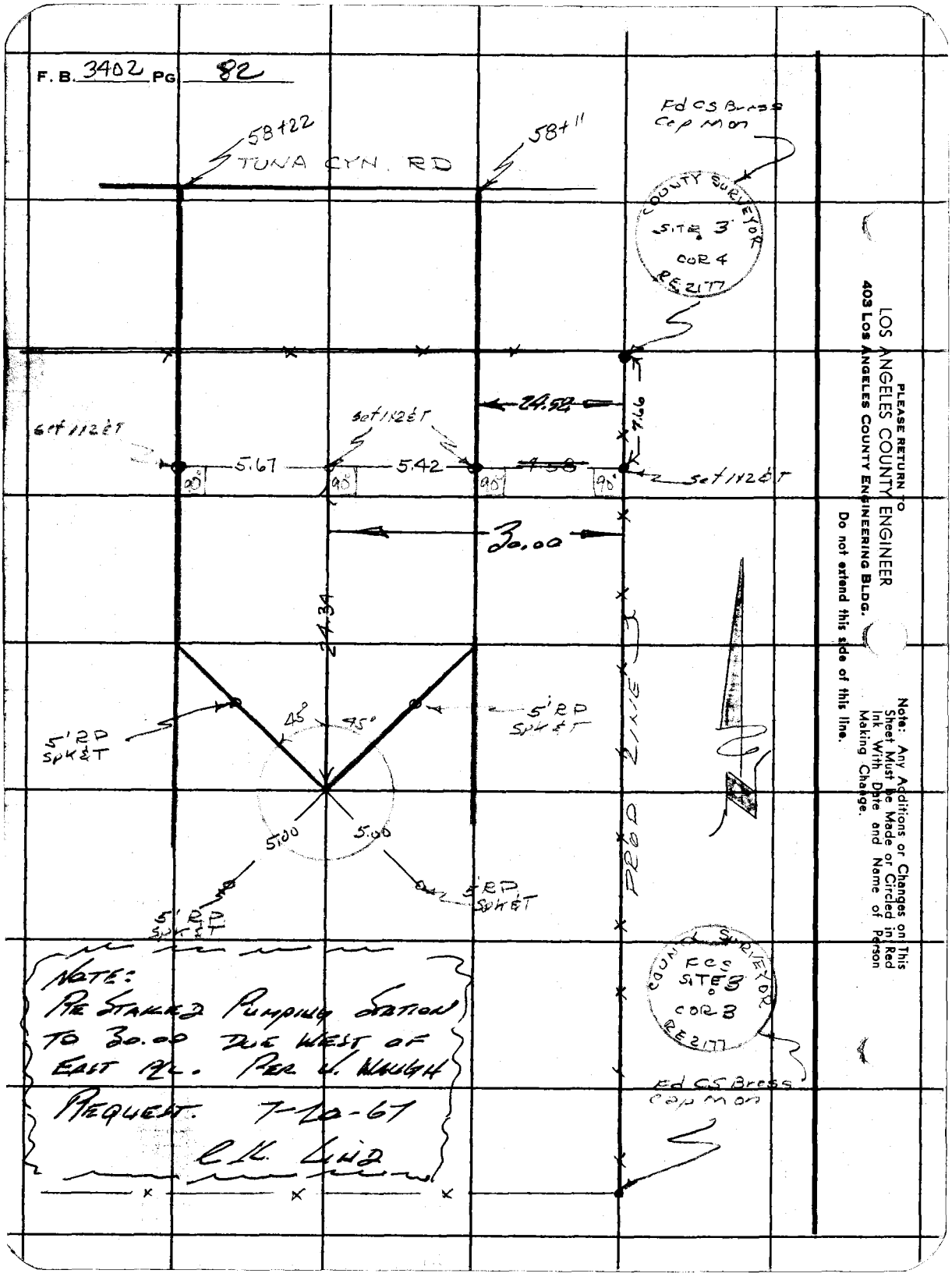
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #319 8-62

F. B. 3402 PG 82



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403 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of WW 29 TOP CN RD	F. B. 3402 PG. 83
Map No.	JN ~~2215-15~~ ~~Topo 226~~ Std 68 °F	
Office Work	Surveyed by FULTON	
Checked	Notes JF Date 3-67	
Date	Indexed C. J. GALLI MAY 16 '67	

WATER WORKS DISTRICT Nº 29

TOPANGA - E-MALIBU WATER SYS. CONST.

J.N. 2215.15

PARTY MARCH 1967

FULTON
ANDERSON, R.
WACKER
NEVAREZ

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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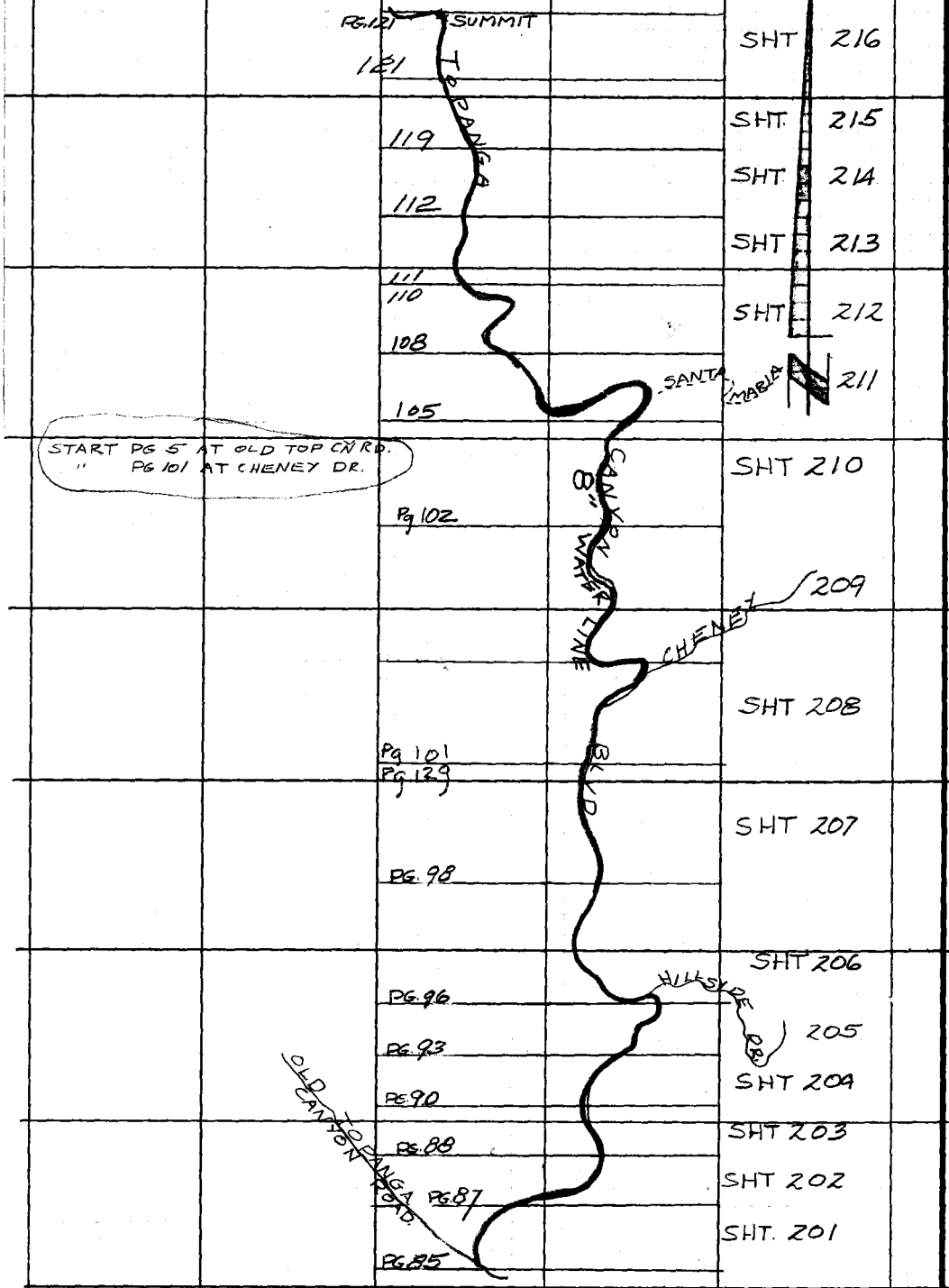
76F309S CE#310 1-65

F. B 3402 PG 84

INDEX



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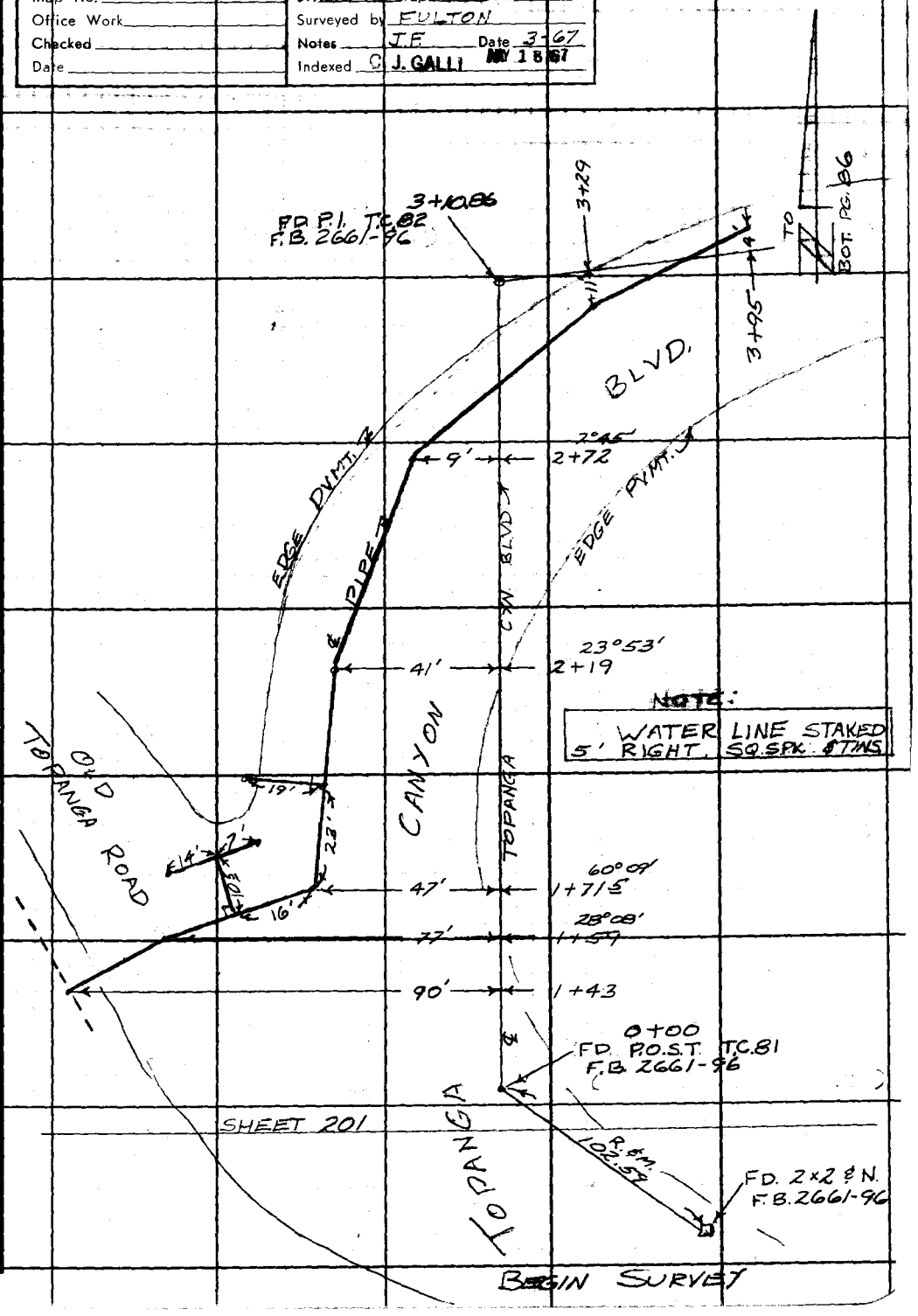
Notes Ck'd by	Survey of W.W. 29 TOPANGA
Map No.	~~JN 22526~~ Tape 226 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 3-67
Date	Indexed C. J. GALLI NOV 18 67

F. B. 3402 PG. 85



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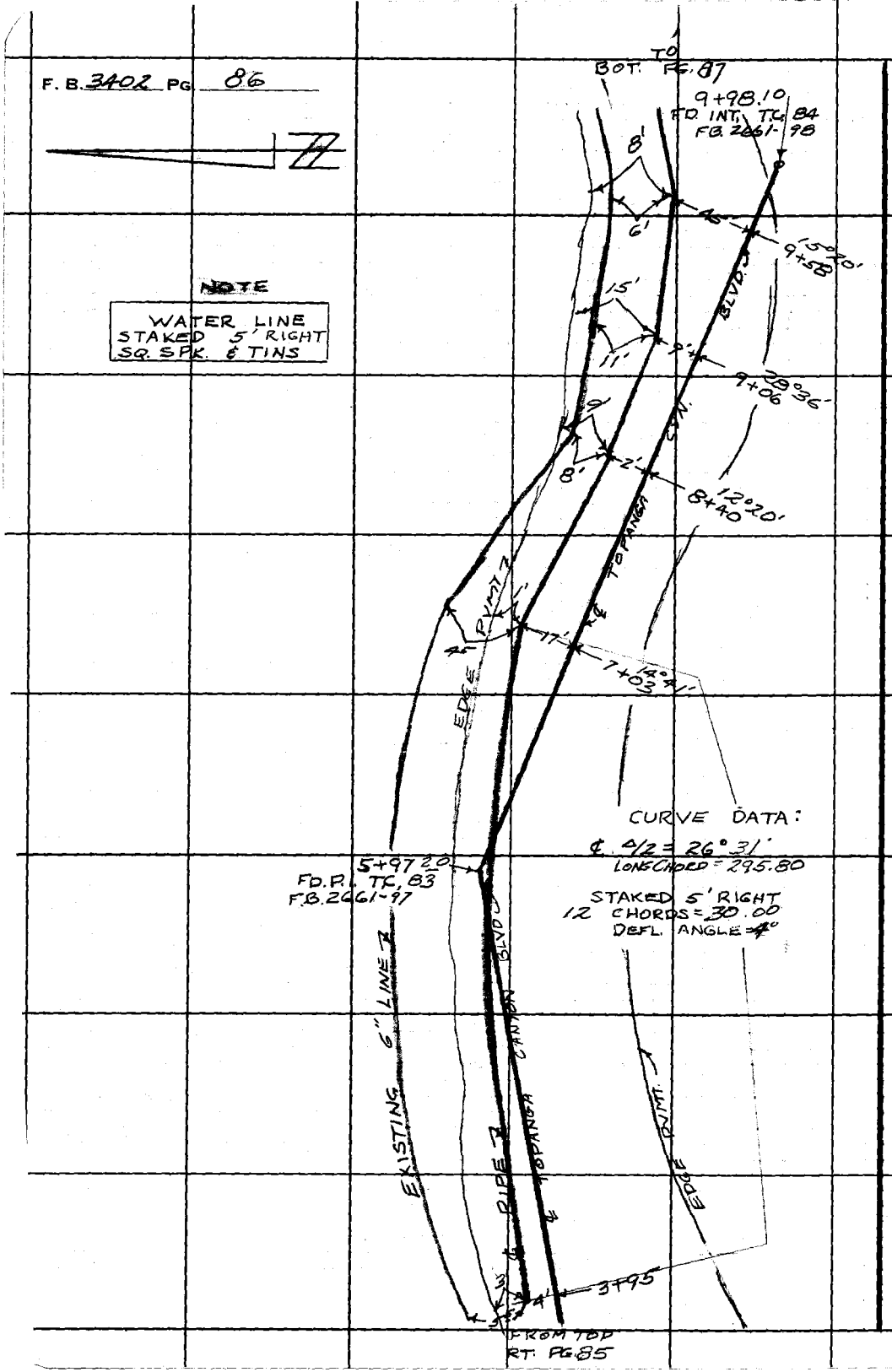
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3402 PG 86



NOTE

WATER LINE
STAKED 5' RIGHT
SQ. SPK. & TINS

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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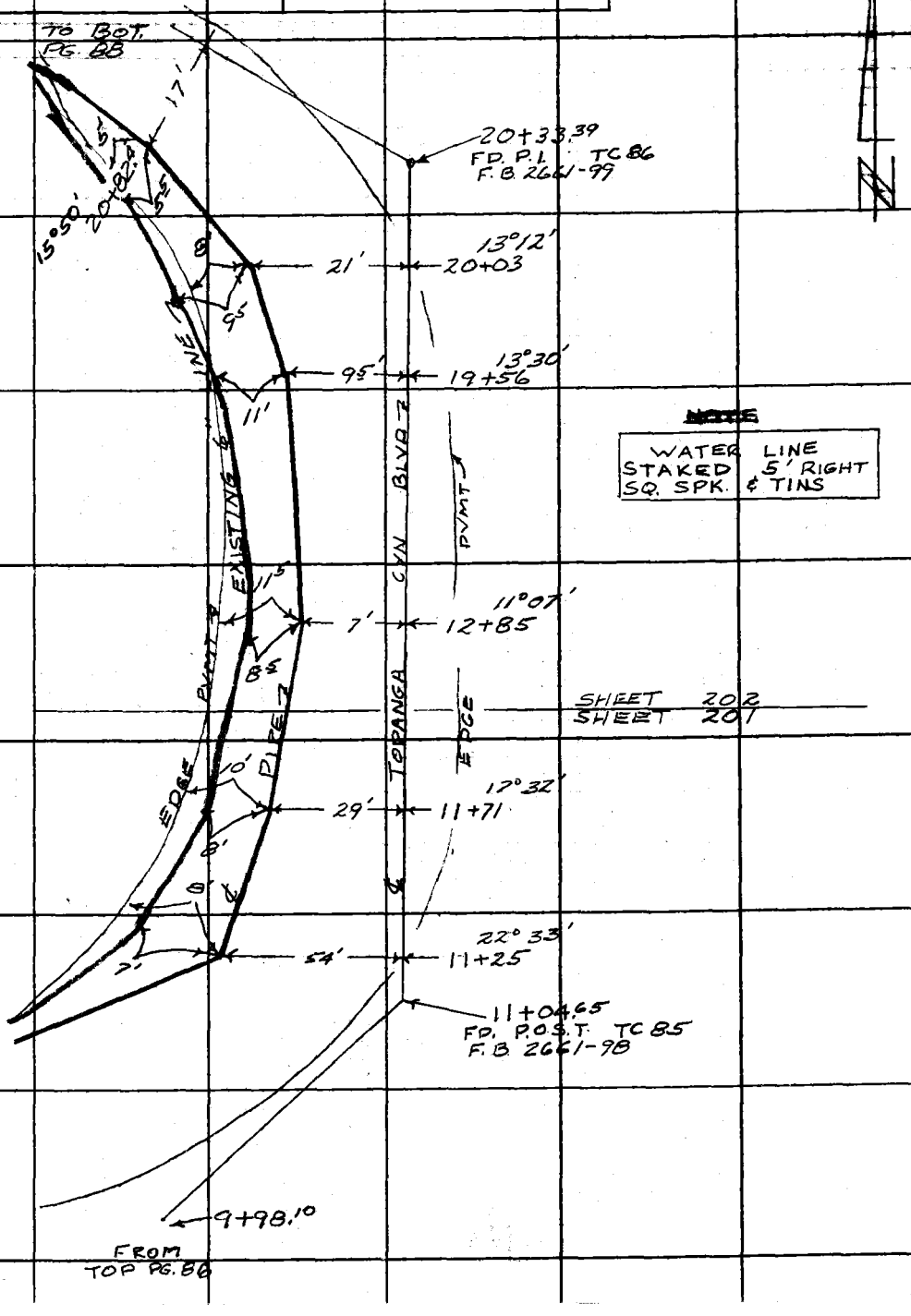
Notes Ck'd by	Survey of W.W. 29 TOPANGA
Map No.	JN ~~221615~~ Tape ~~226~~ Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 3-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 87



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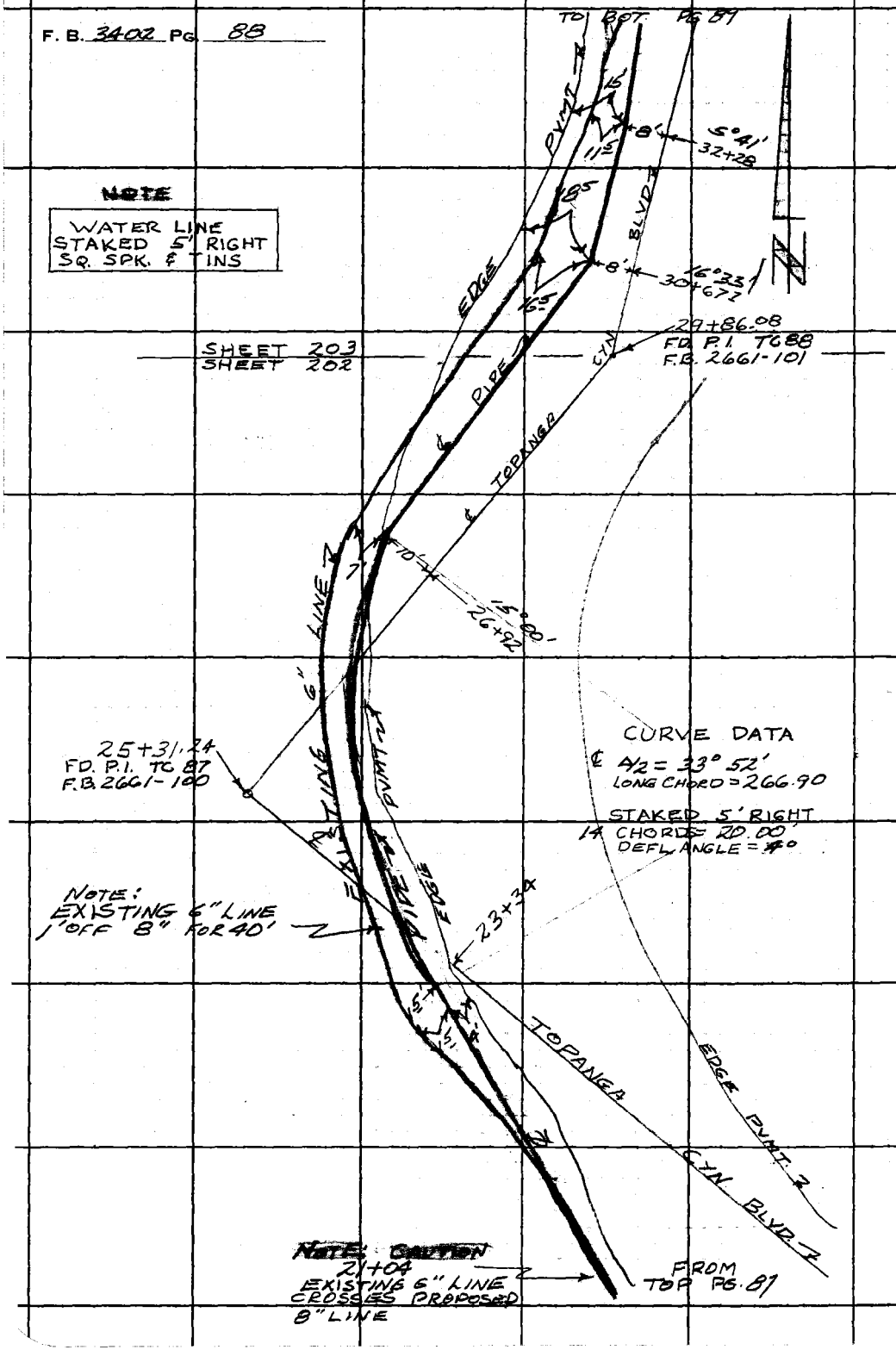
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 1-65

F. B. 3402 PG. 88



LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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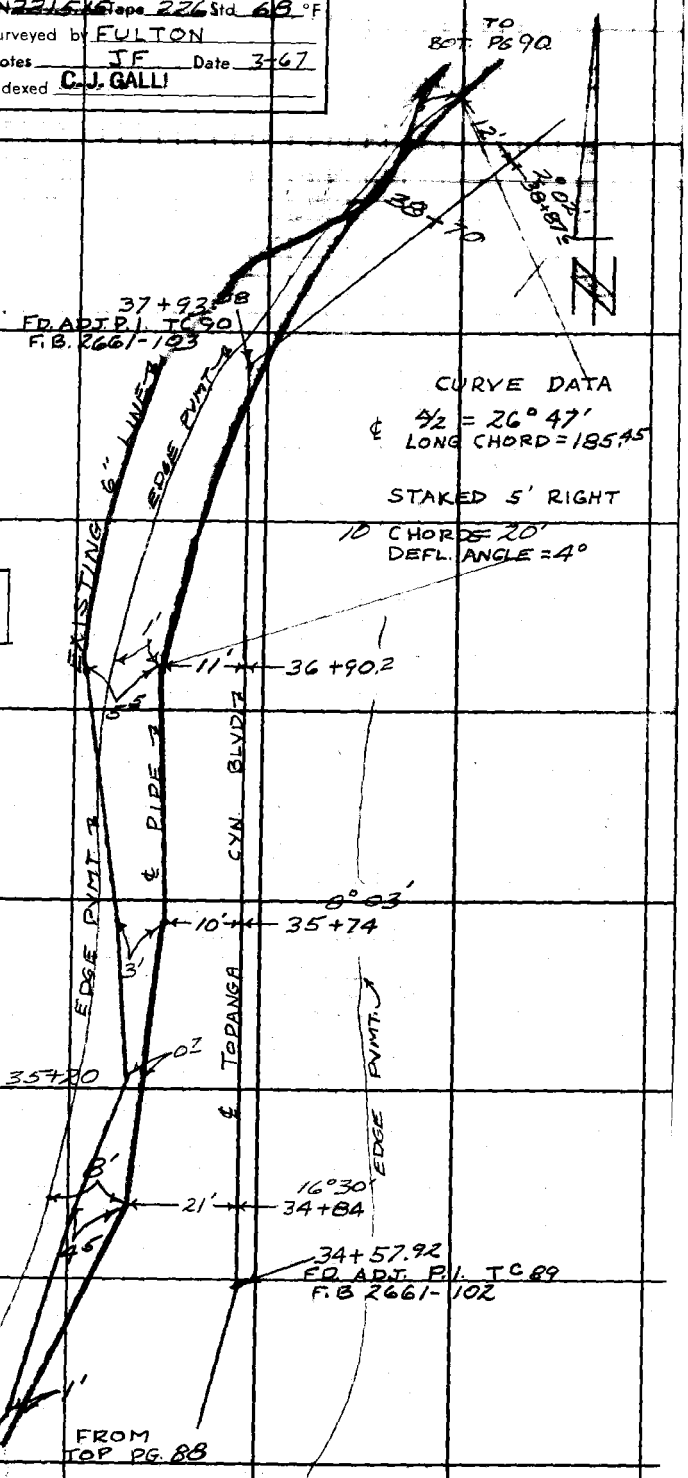
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of W.W. 29 TOPANGA
JN 2215-16 Tape 226 Std 68 °F
Surveyed by FULTON
Notes JF Date 3-67
Indexed C. J. GALLI

F. B. 3402 PG. 89



NOTE

WATER LINE
STAKED 5' RIGHT
SQ. SPK. & TINS

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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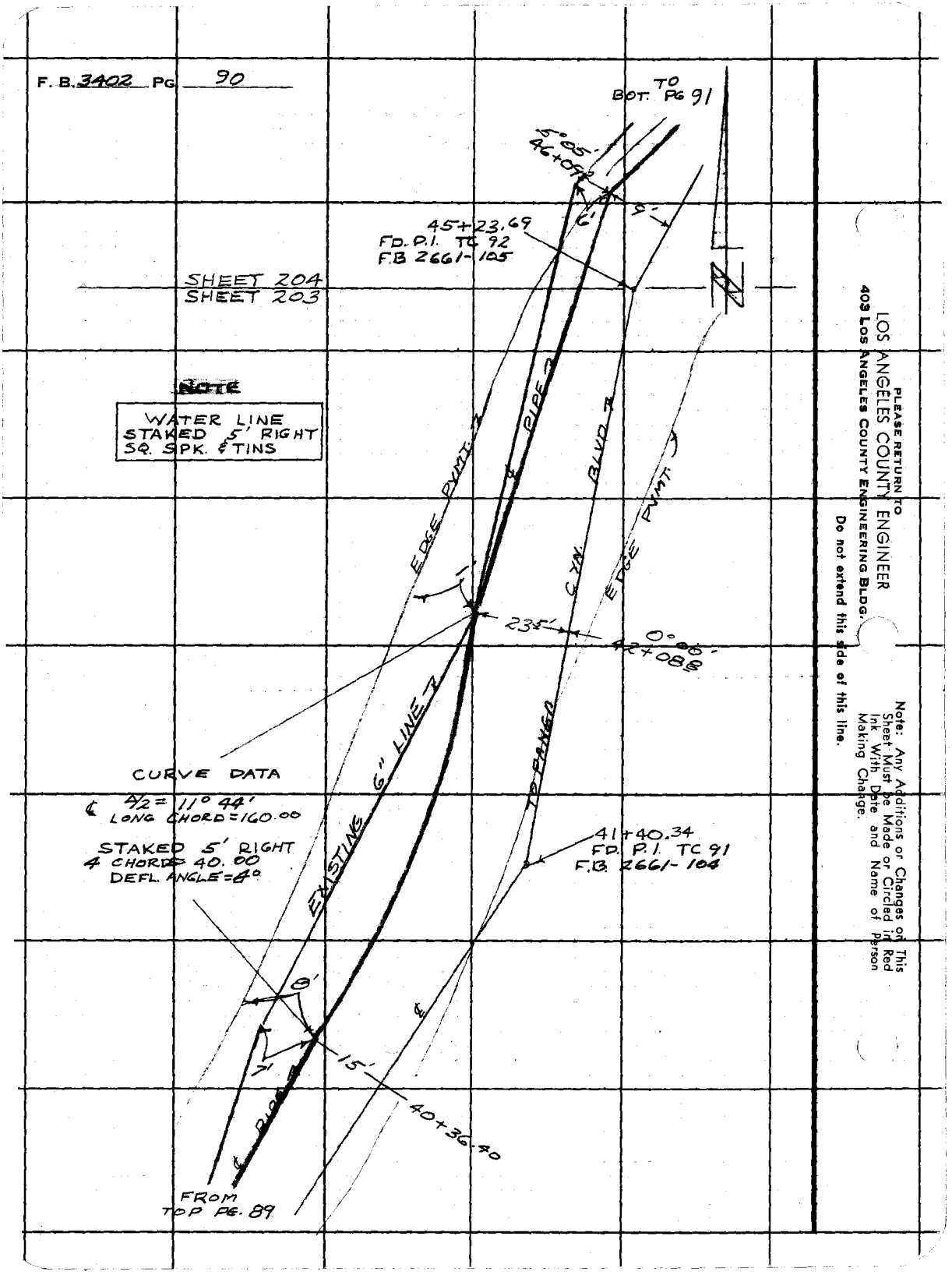
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

76F3095 CE#310 1-65

F. B. 3402 PG 90



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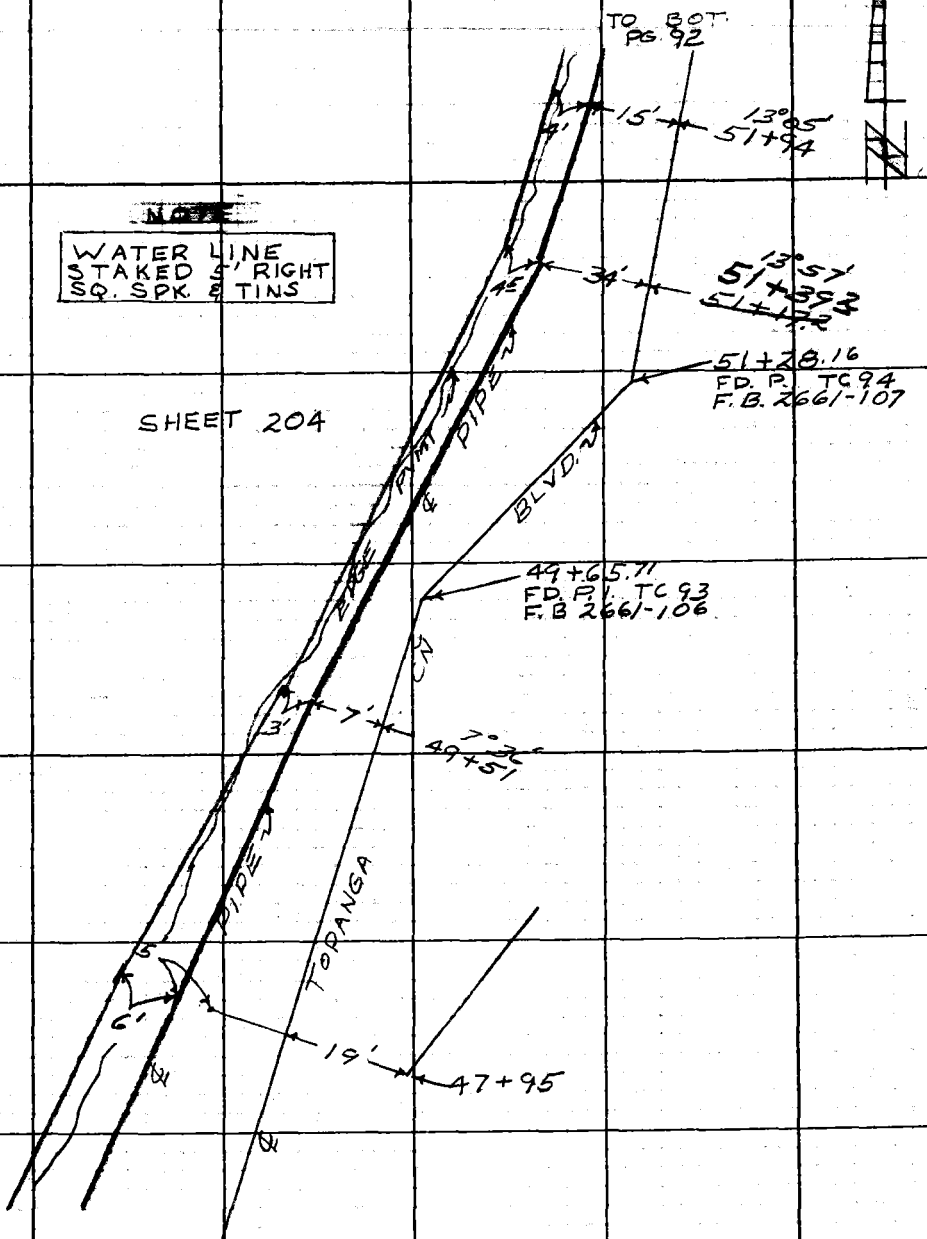
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WW #29 TOPANGA
Map No.	JN 22/5/45 Tape 226 Std. 68 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 4-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 91



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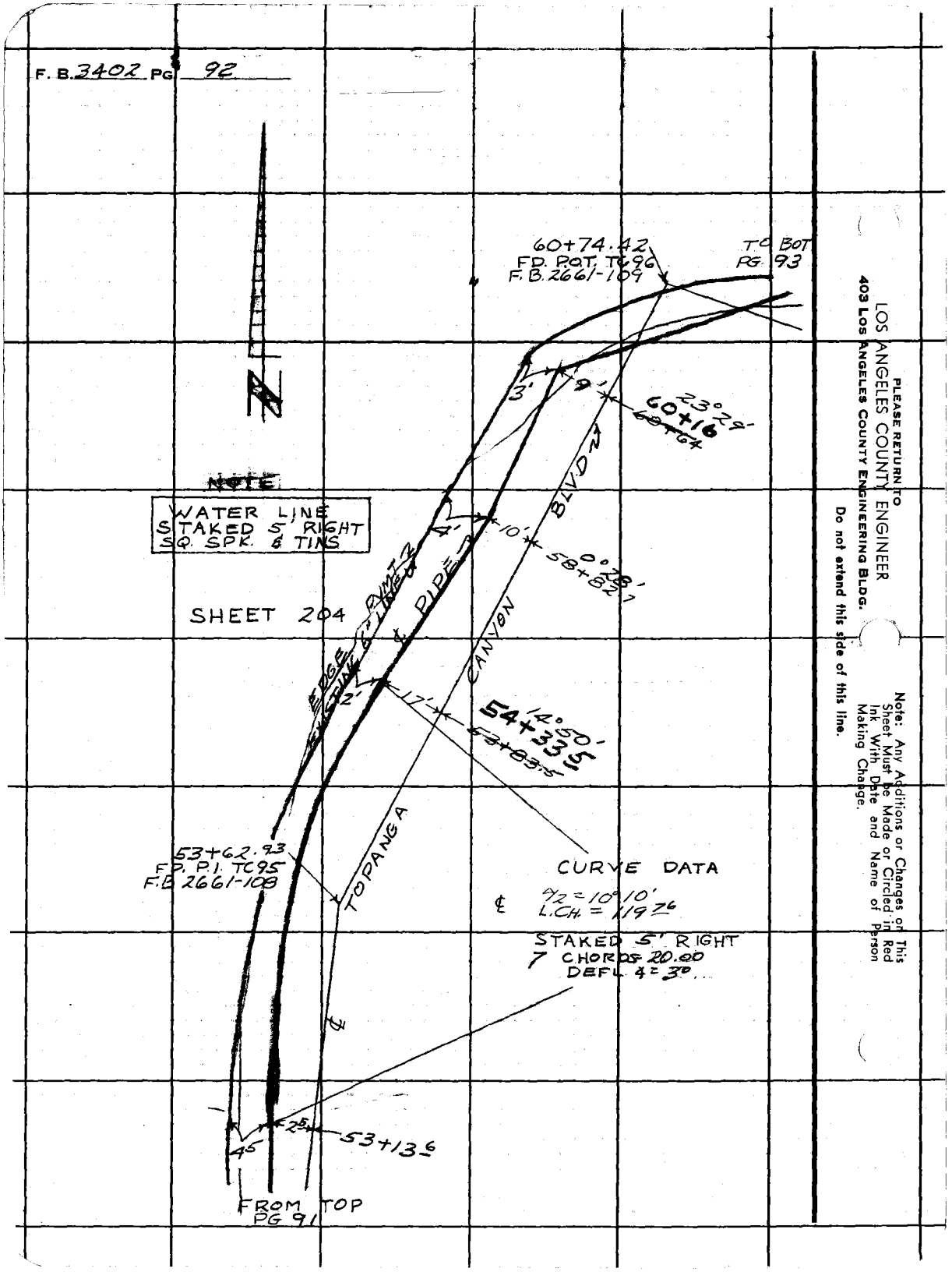
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3402 PG 92



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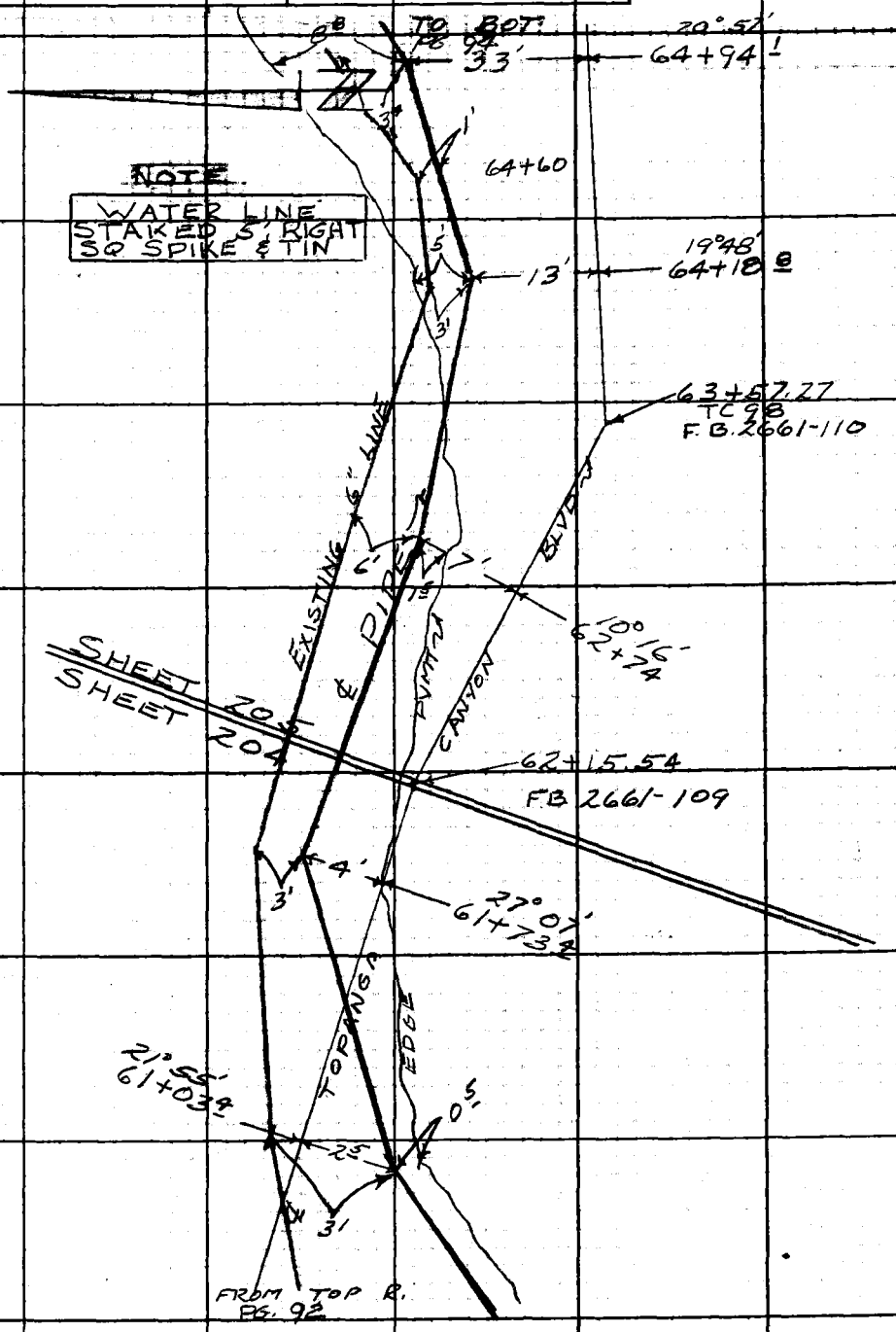
Notes Ck'd by	Survey of W.W. 29 TOP. CN RD
Map No.	JN 2216.15 Tape 226 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 5-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 93



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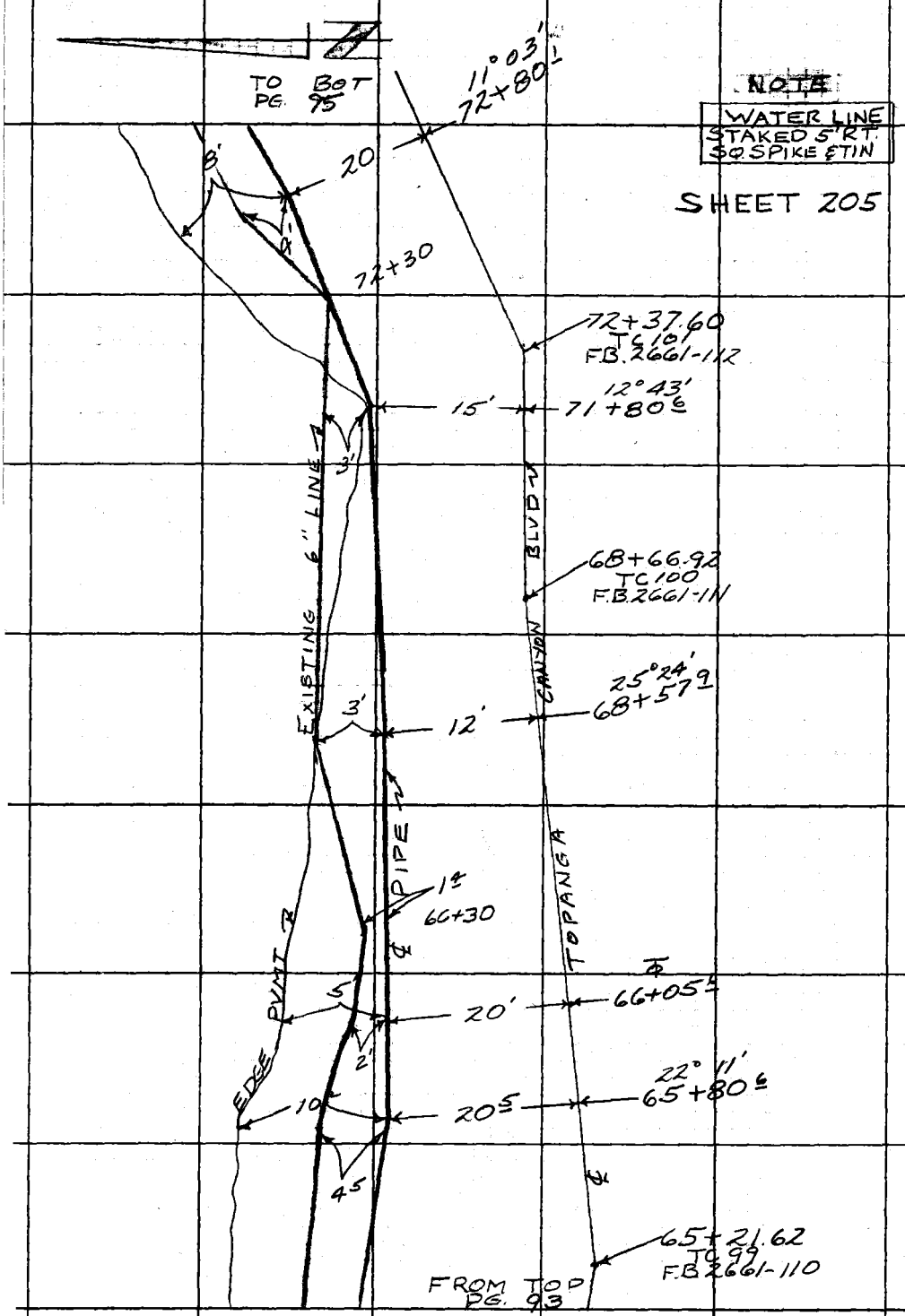
76F309S CE#310 1-65

F. B. 3402 PG. 94



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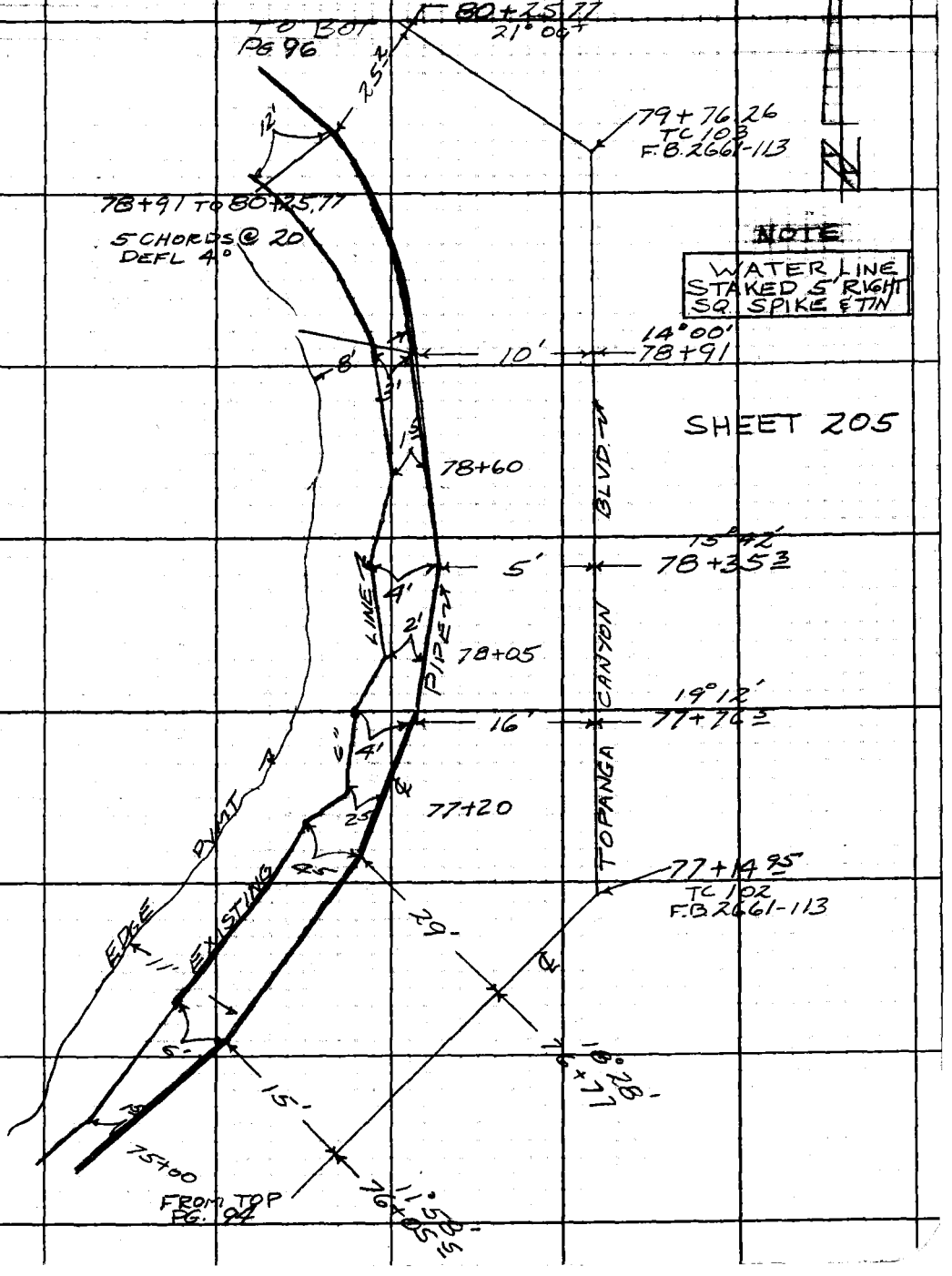
Notes Ck'd by	Survey of WW 29 TOP. CN. RD.
Map No.	~~JN 22/5/15~~ Tape 226 Std. 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 5-67
Date	Indexed D. J. GALLI

F. B. 3402 PG. 95



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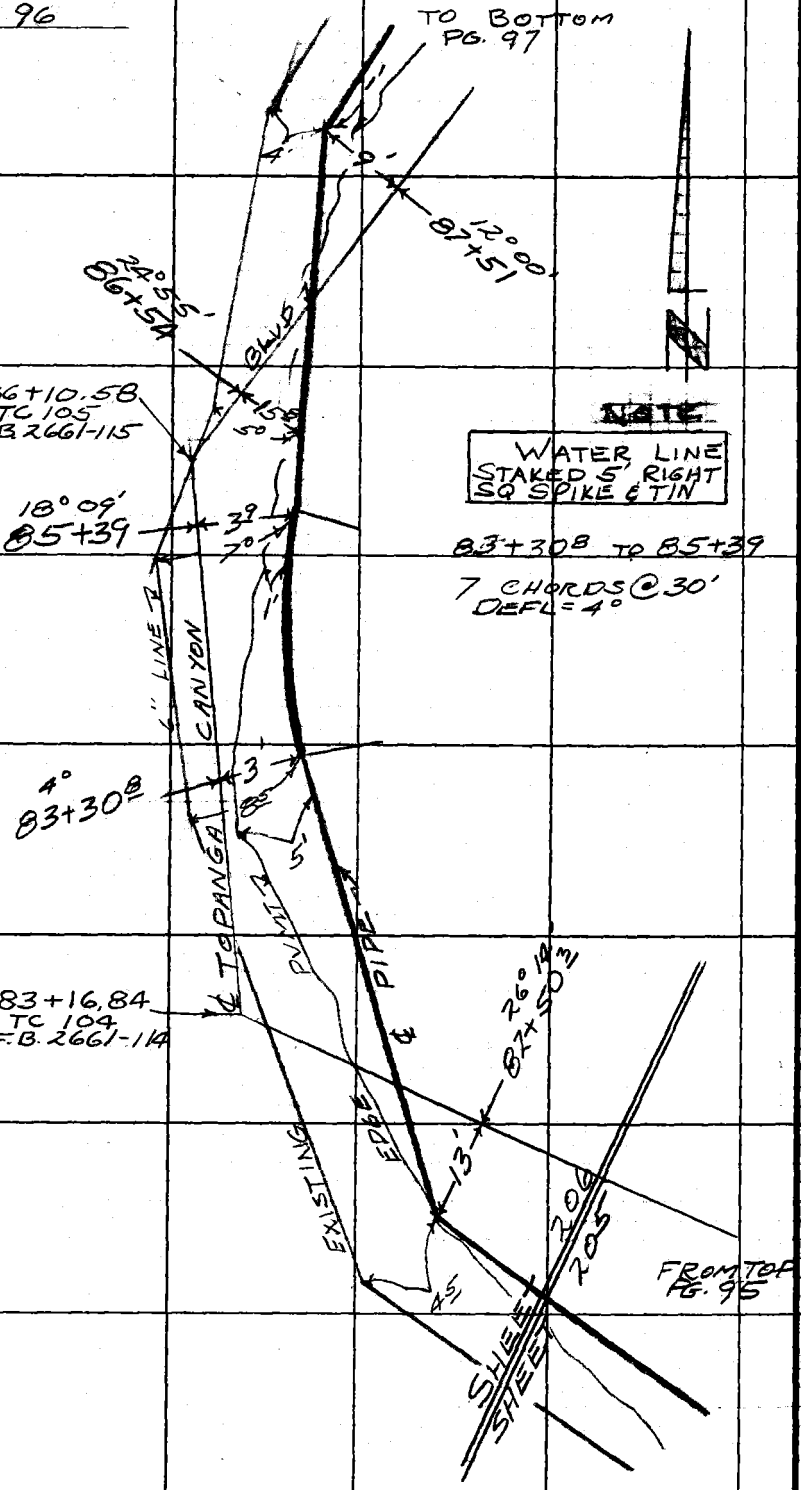
76F309S CE#310 1-65

F. B. 3402 PG. 96



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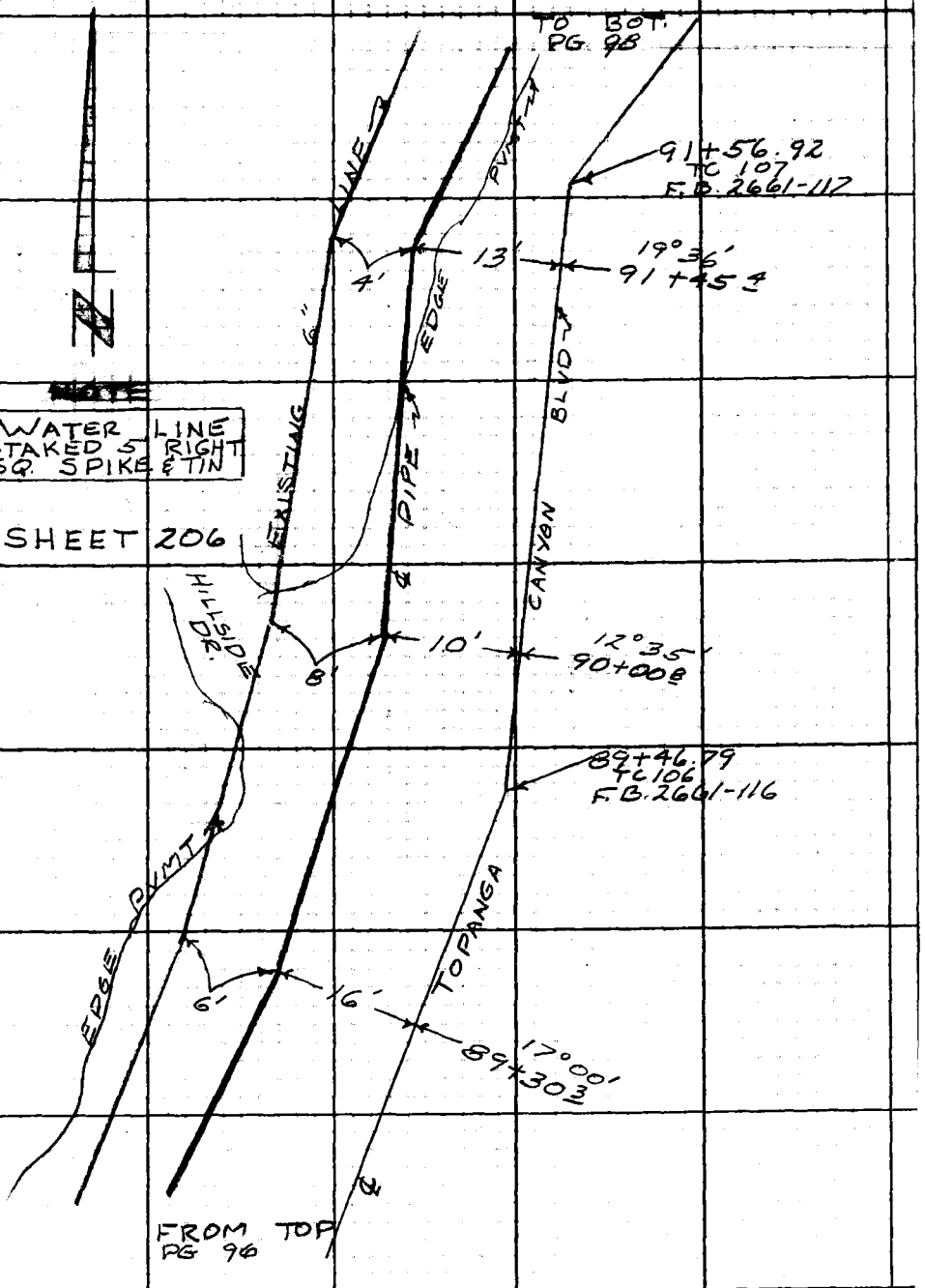
Notes Ck'd by	Survey of WW29 TOP CN RD	F. B. 3402 PG. 97
Map No.	JN 221515 Tape 226 Std 68 °F	
Office Work	Surveyed by FULTON	
Checked	Notes J.F. Date 5-67	
Date	Indexed C. J. GALLI	



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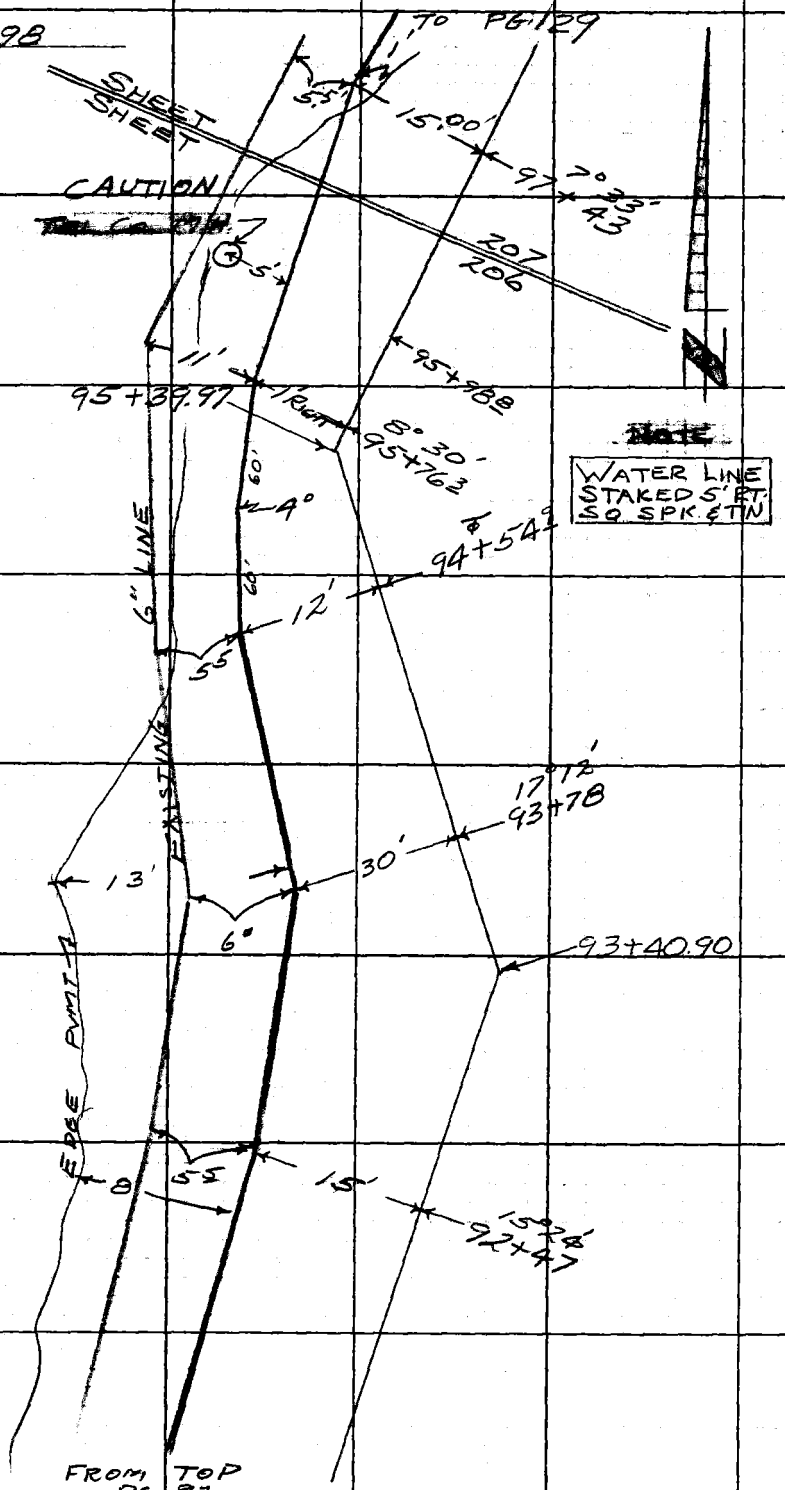
76F309S CE#310 1-65

F. B. 3402 PG. 98



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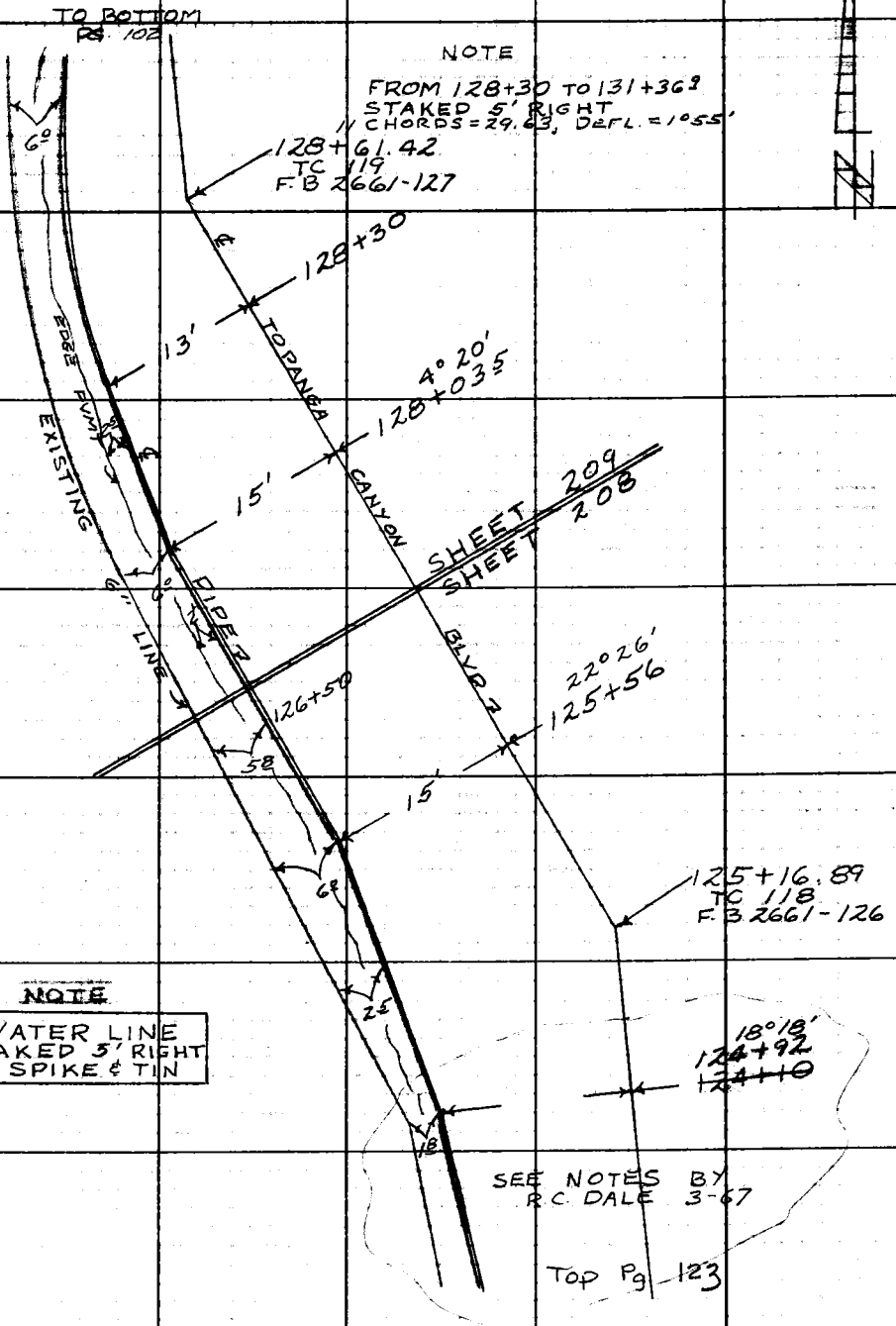
Notes Ck'd by	Survey of N/W #29 TOP CARD
Map No.	JN 2215.15 Tape 226 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 4-67
Date	Indexed G.J. GALLI

F. B. 3402 PG. 101



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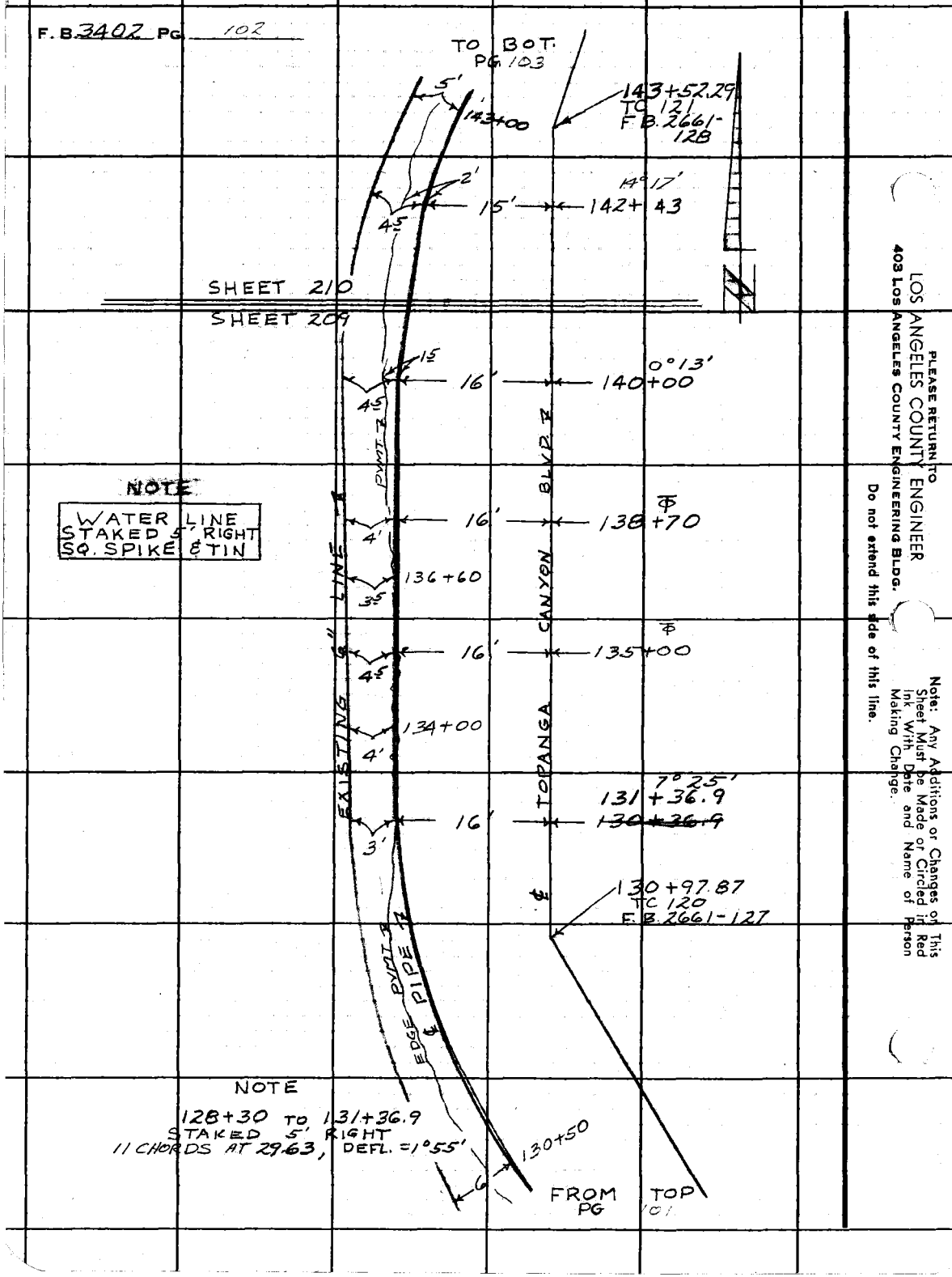
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 1-65

F. B. 3402 PG. 102



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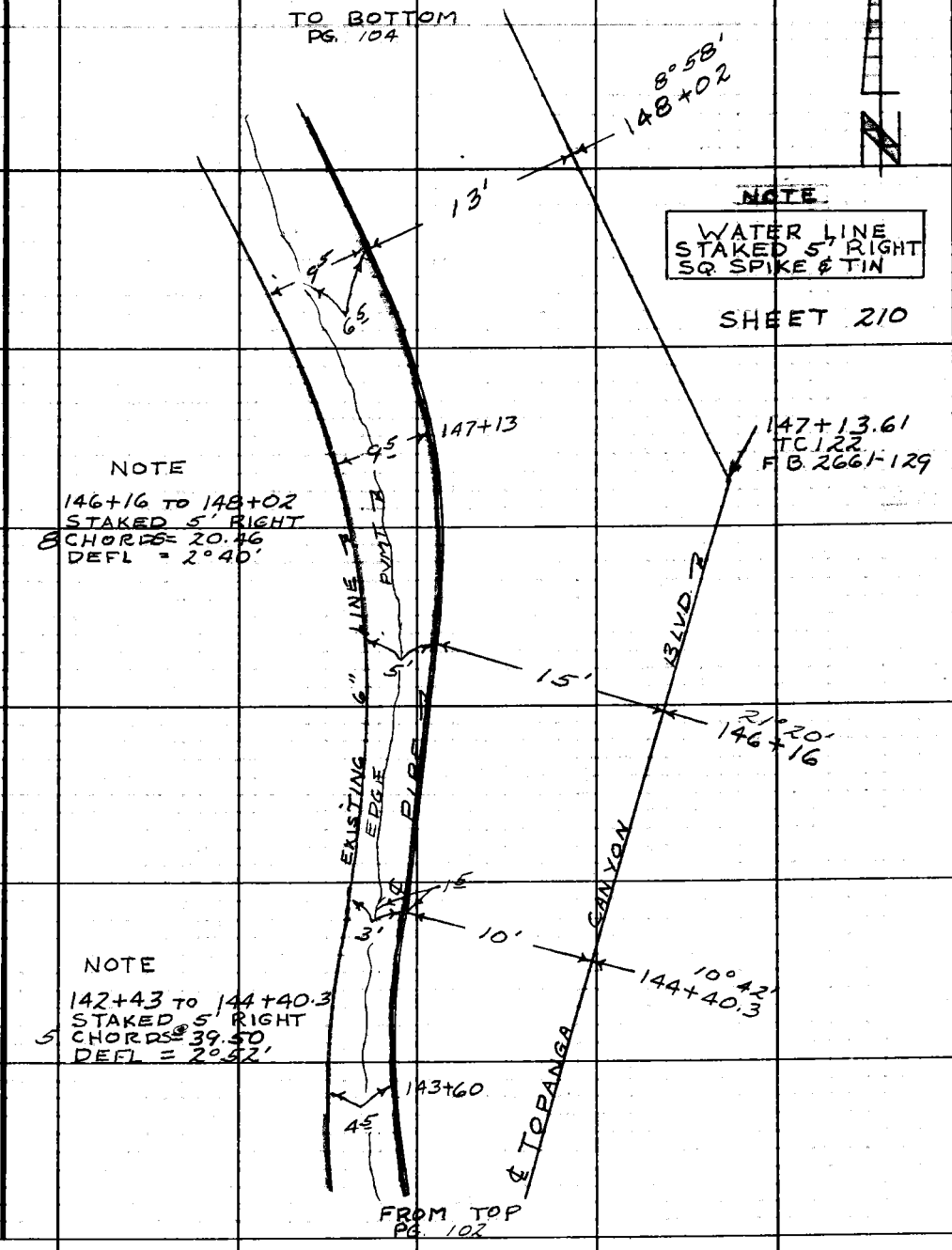
Notes Ck'd by	Survey of WW #29 TOP CN RD
Map No.	JN 2215.45 Tape 226 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 4-67
Date	Indexed G.J. GALLI

F. B. 3402 PG. 103



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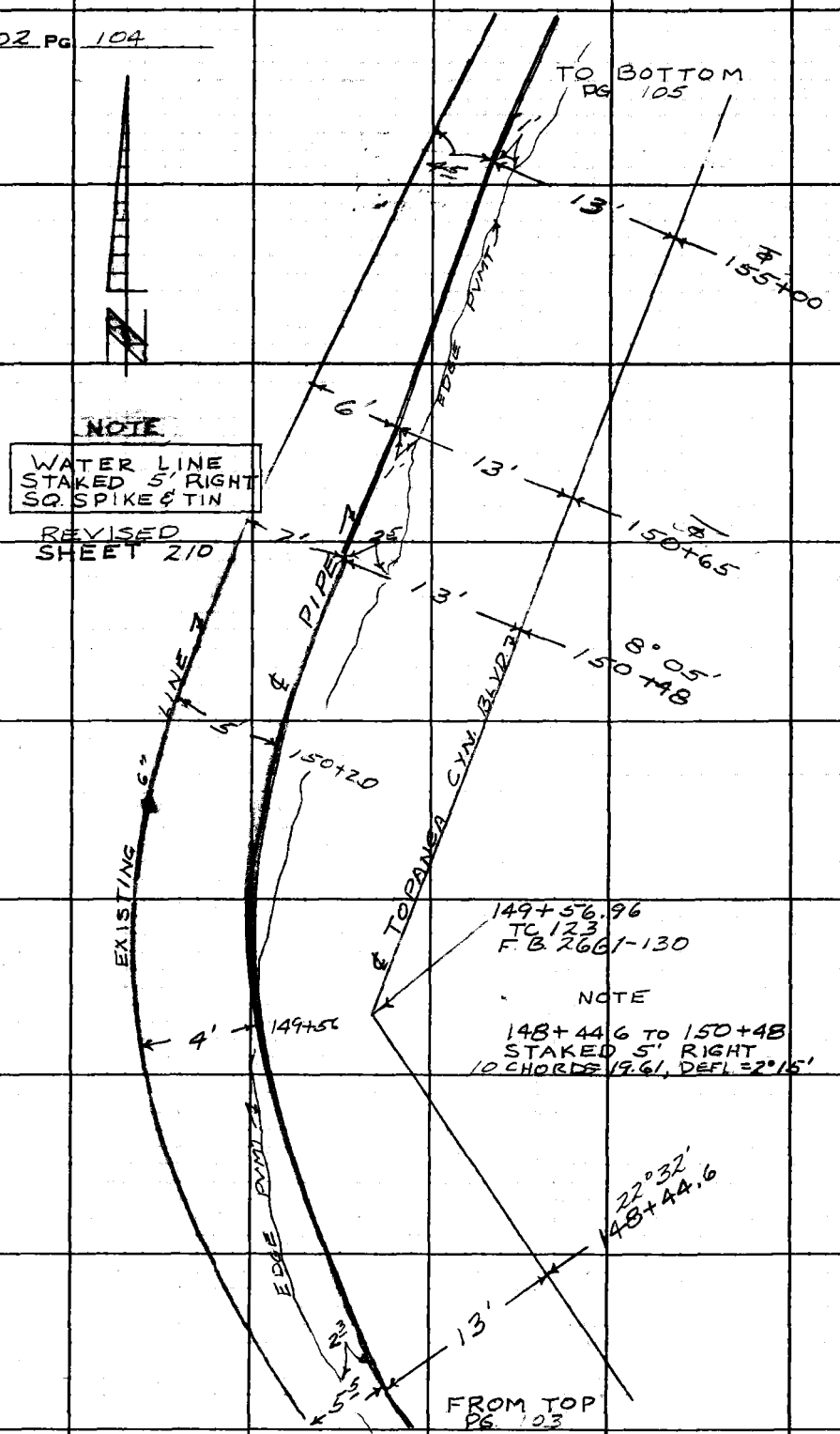
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3402 PG 104



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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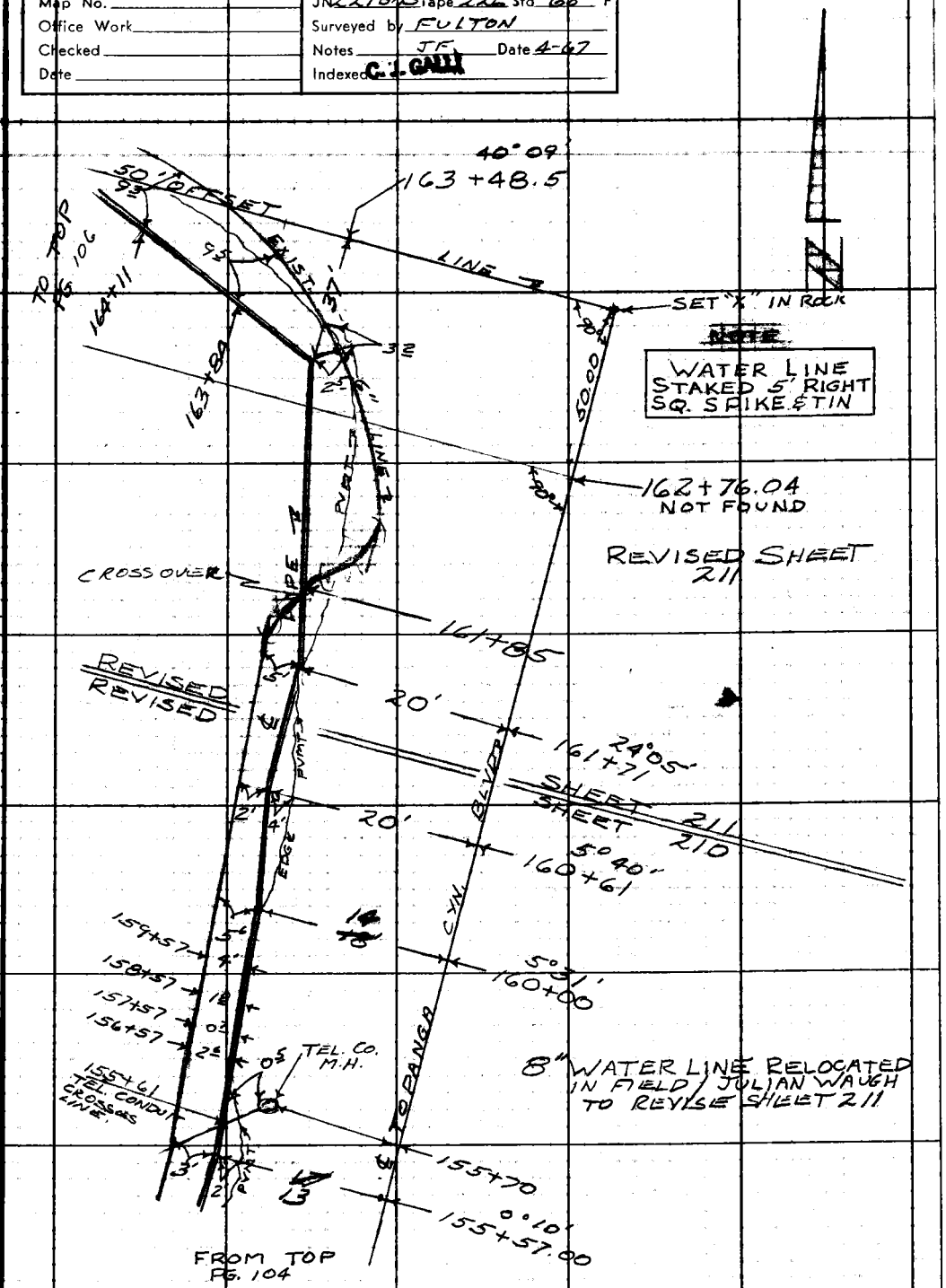
Notes Ck'd by	Survey of WW #29 TOP. CM. RD.
Map No.	JN 221645 Tape 226 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 4-67
Date	Indexed C. L. GALLI

F. B. 3402 PG. 105



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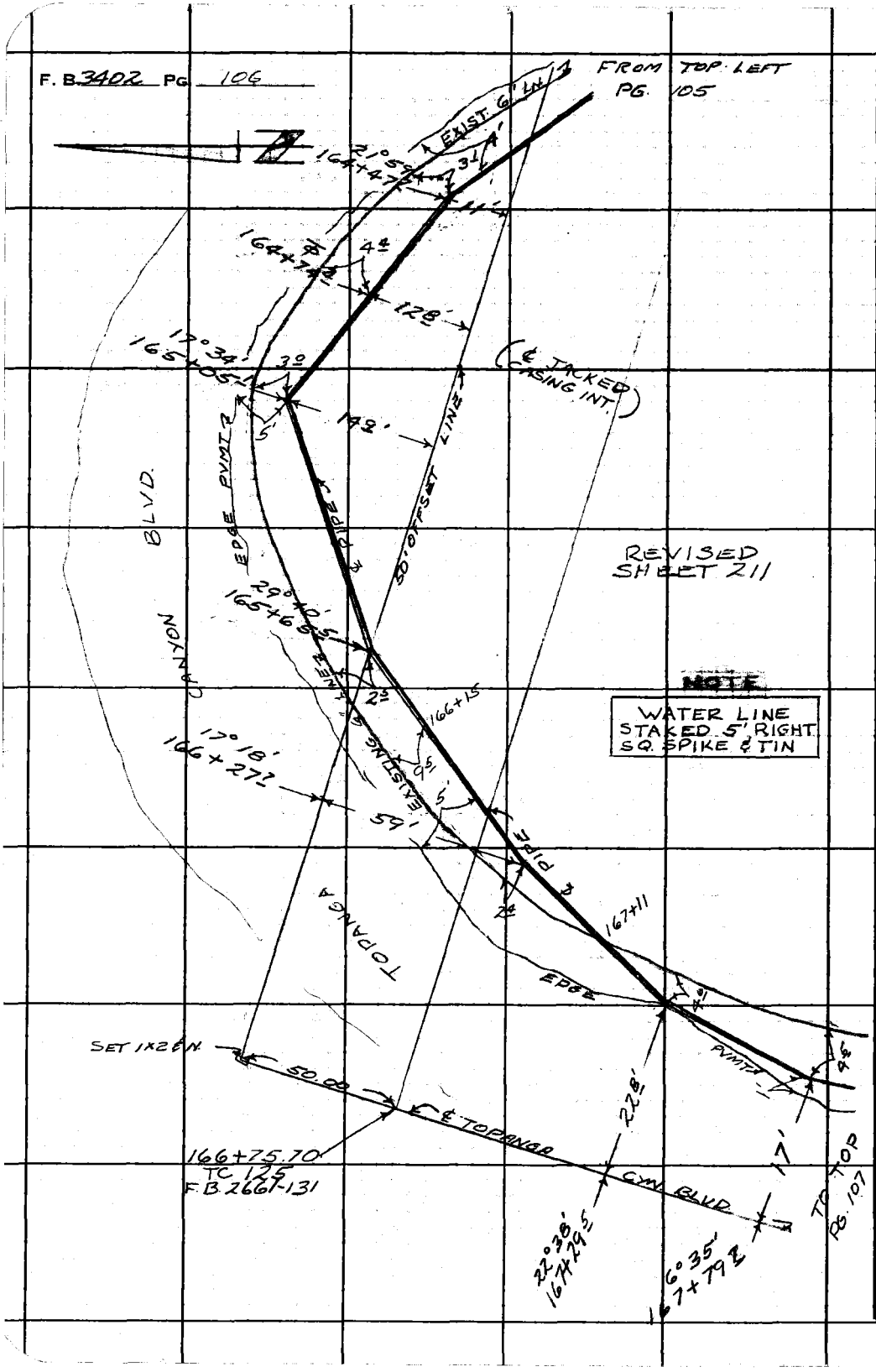
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3402 PG. 106



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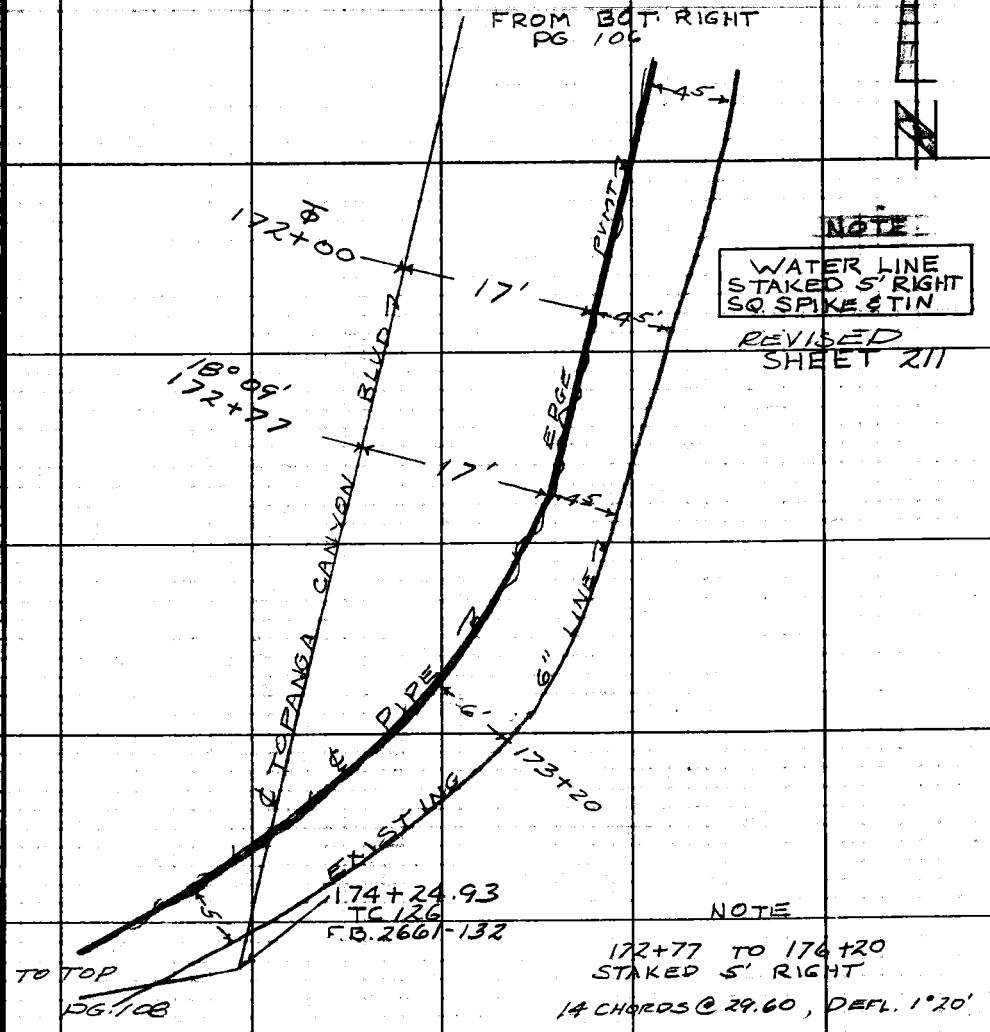
Notes Ck'd by	Survey of W W 29 TOP CARD
Map No.	JN 2215.15 Tape 2.26 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 5-67
Date	Indexed C. L. GALLI

F. B. 3402 PG. 107



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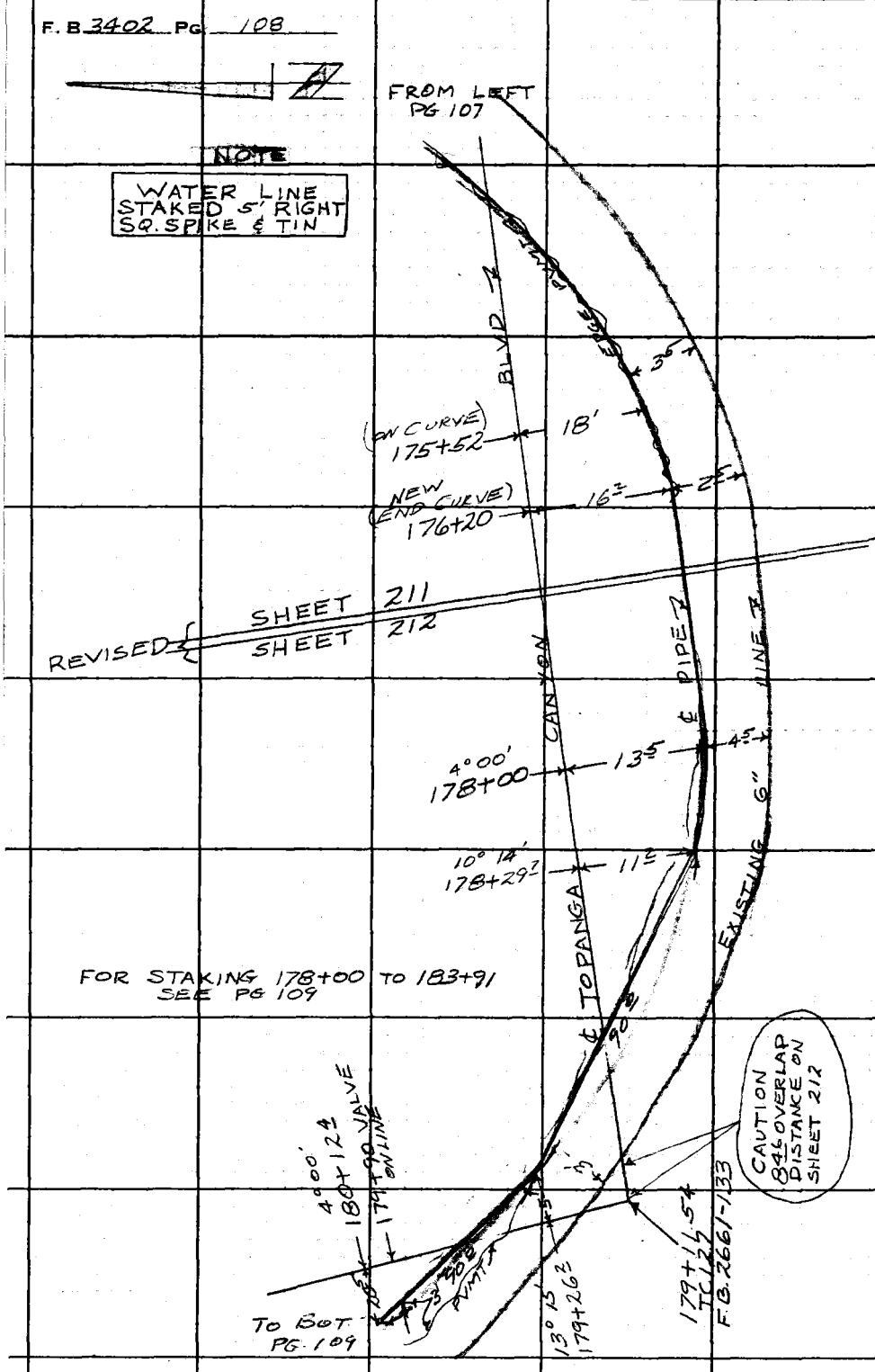
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3402 PG. 108



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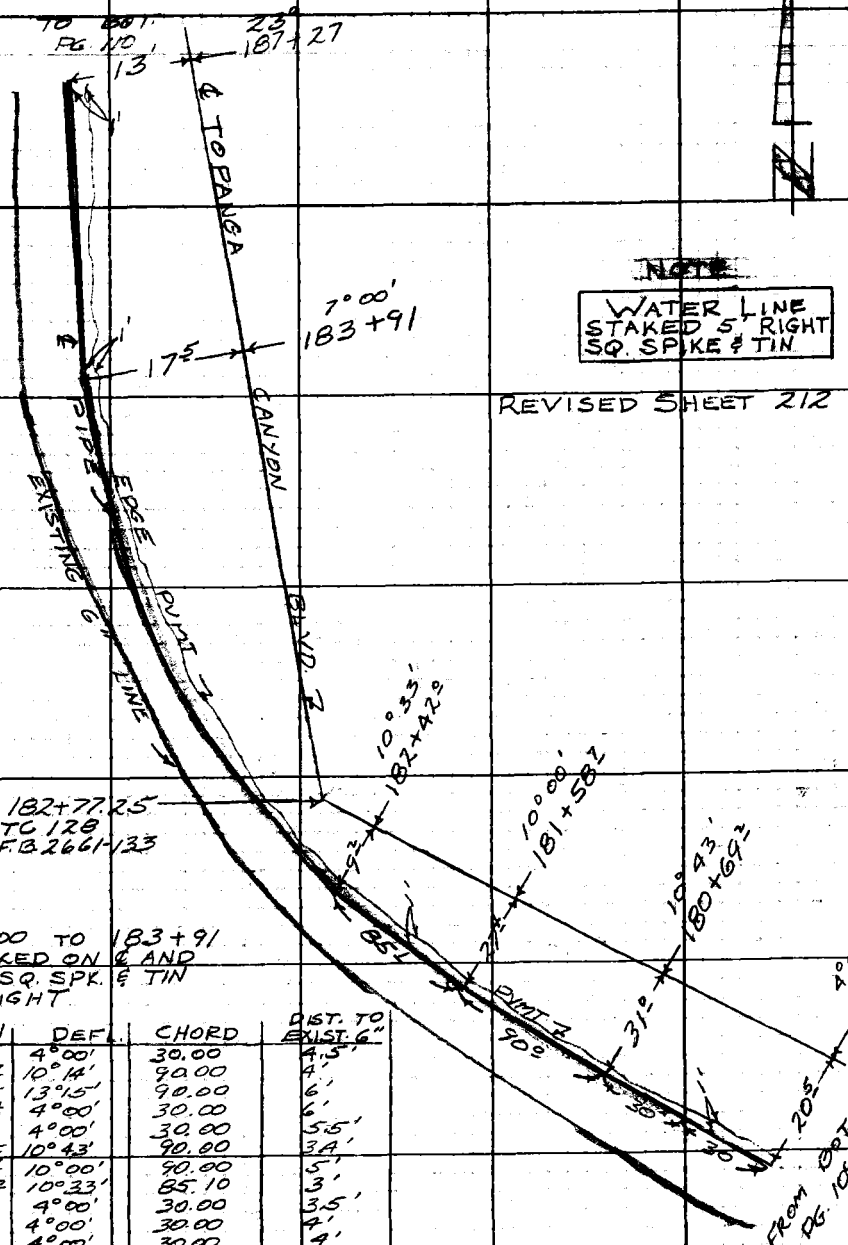
Notes Ck'd by	Survey of W.W29 TOP CN RD
Map No.	JN 2215.15 Tape 226 Std 66 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 5-67
Date	Indexed C.J. GALLI

F. B. 3402 PG. 109



NOTE
WATER LINE STAKED 5' RIGHT SQ. SPIKE & TIN

REVISED SHEET 212

178+00 TO 183+91
STAKED ON ℄ AND
SET SQ. SPK. & TIN
5' RIGHT

STATION	DEF.	CHORD	DIST. TO EXIST. 6"
178+00	4°00'	30.00	4.5'
178+29	10°14'	90.00	4'
179+26	13°15'	90.00	6'
180+12	4°00'	30.00	6'
4	4°00'	30.00	5.5'
180+69	10°43'	90.00	3.4'
181+58	10°00'	90.00	5'
182+42	10°33'	85.10	3'
8	4°00'	30.00	3.5'
9	4°00'	30.00	4'
10	4°00'	30.00	4'
11	4°00'	30.00	3.5
183+91	7°00'	—	3.5'

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

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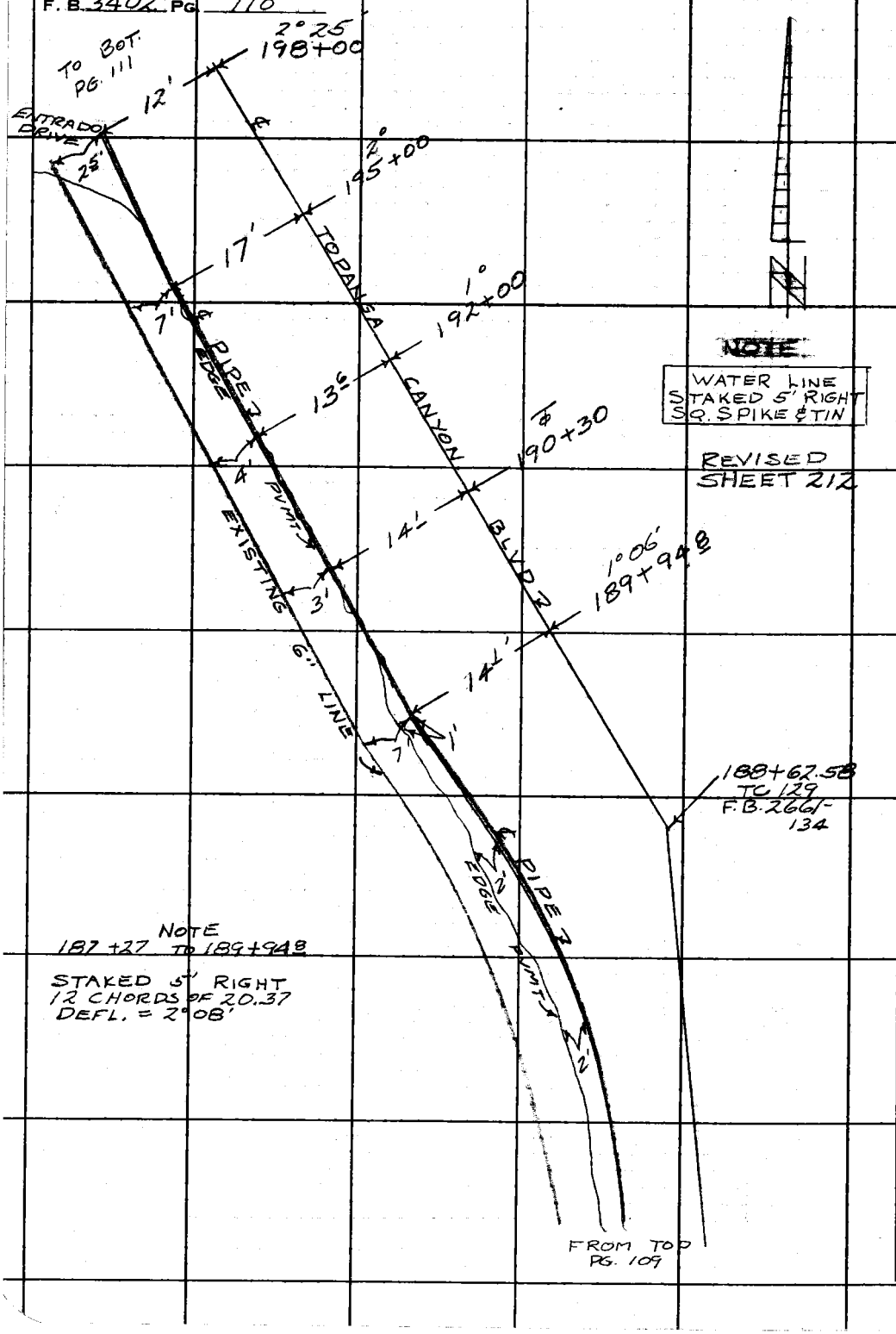
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3402 PG 110



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403 Los Angeles County Engineering Bldg.

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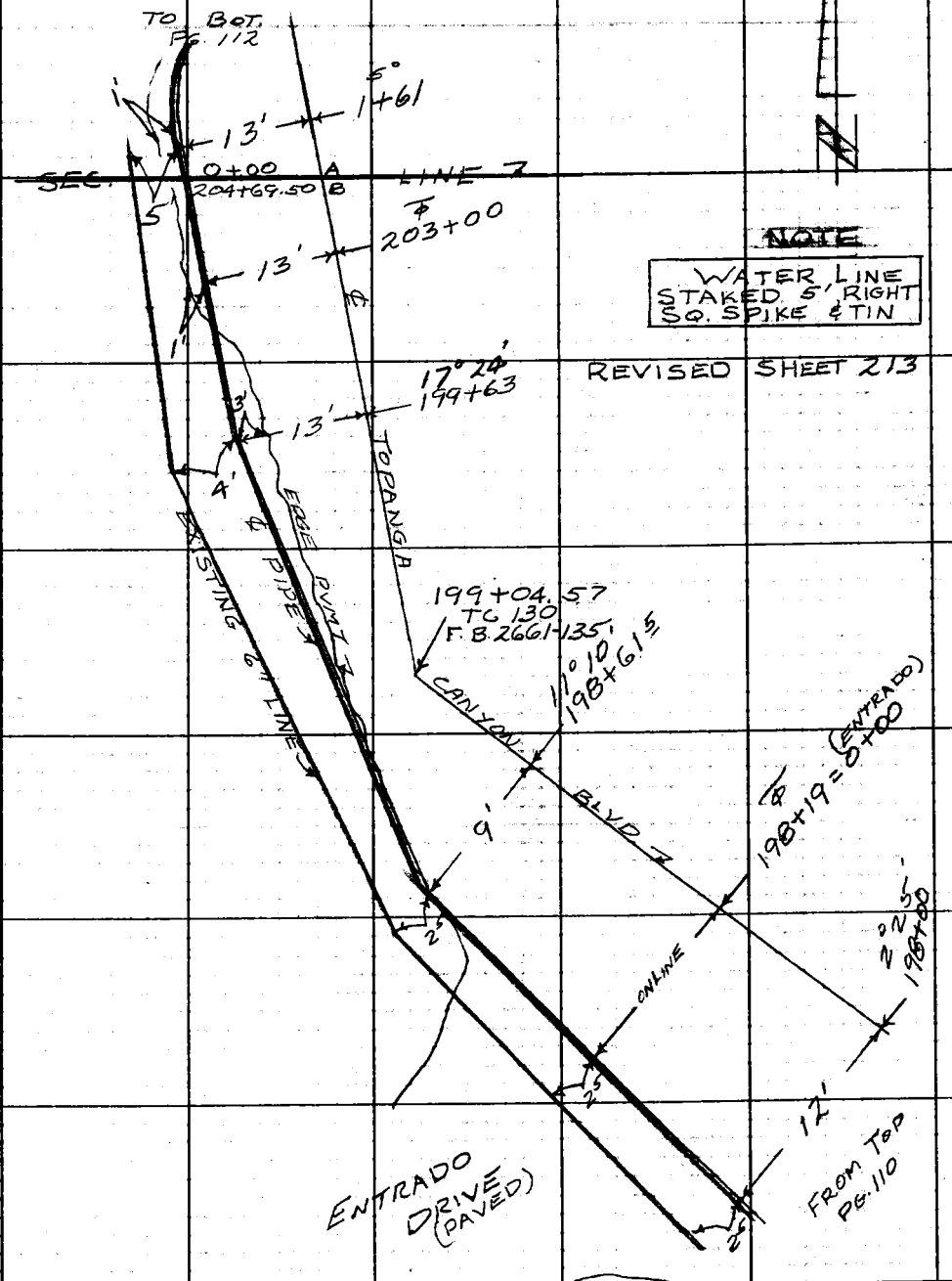
Note: Any Additions or Changes of This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of W/W #29 TOP. CAN RD
Map No.	JN 2245.15 Tape 226 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 5-67
Date	Indexed G. J. GALLI

F. B. 3402 PG. 111



NOTE

WATER LINE STAKED 5' RIGHT SQ. SPIKE & TIN

REVISED SHEET 213

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.

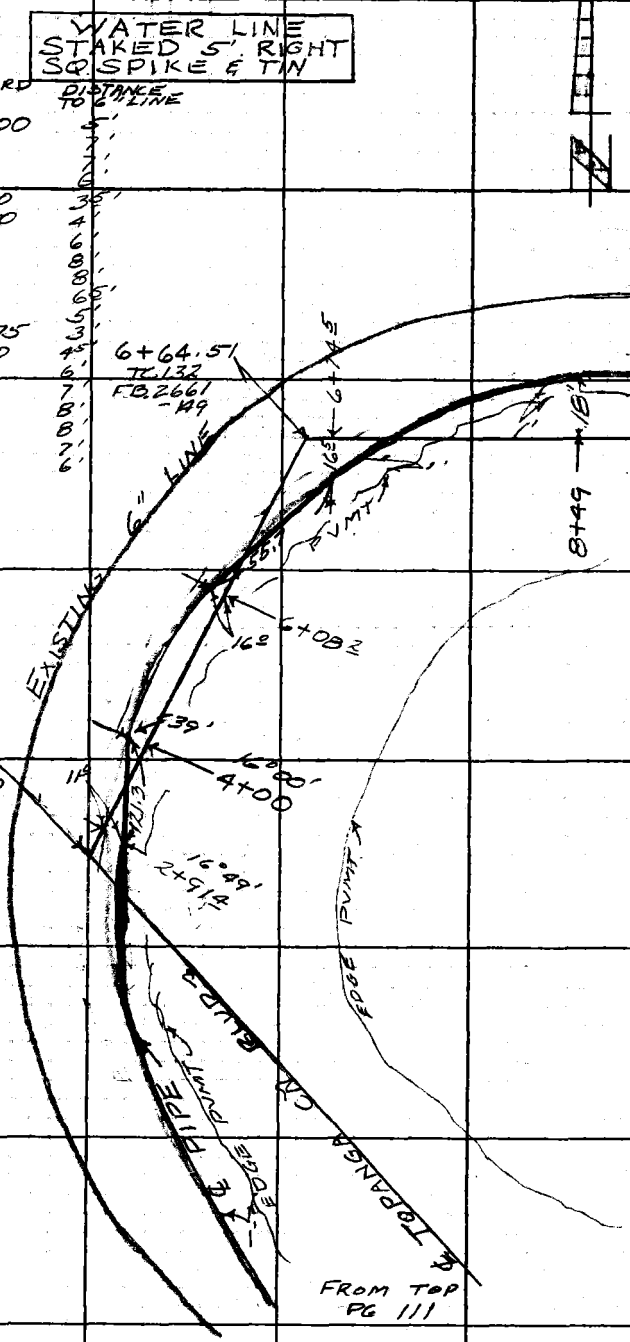
16F309S CE#310 1-65

F. B 3402 PG 112

~~NOTE~~

WATER LINE STAKED 5' RIGHT SQ. SPIKE & TIN

STATION	DEFL.	CHORD	DISTANCE TO ℄ LINE
1+61	5° 00'	30.00	5'
1	5 00	"	7'
2	5 00	"	7'
3	5 00	"	6'
4	16° 49'	121.30	35'
5=4+00	16° 00'	30.00	4'
6	5 00	"	6'
7	5 00	"	8'
8	5 00	"	8'
9	5 00	"	6'
10	5 00	"	5'
11	11° 58'	55.75	3'
12	9° 44	30.00	4'
13	5 00	"	6'
14	5 00	"	7'
15	5 00	"	8'
16	TANGENT	"	8'
17	5 00	"	7'
8+49	5 00	"	6'



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403 Los Angeles County Engineering Bldg.

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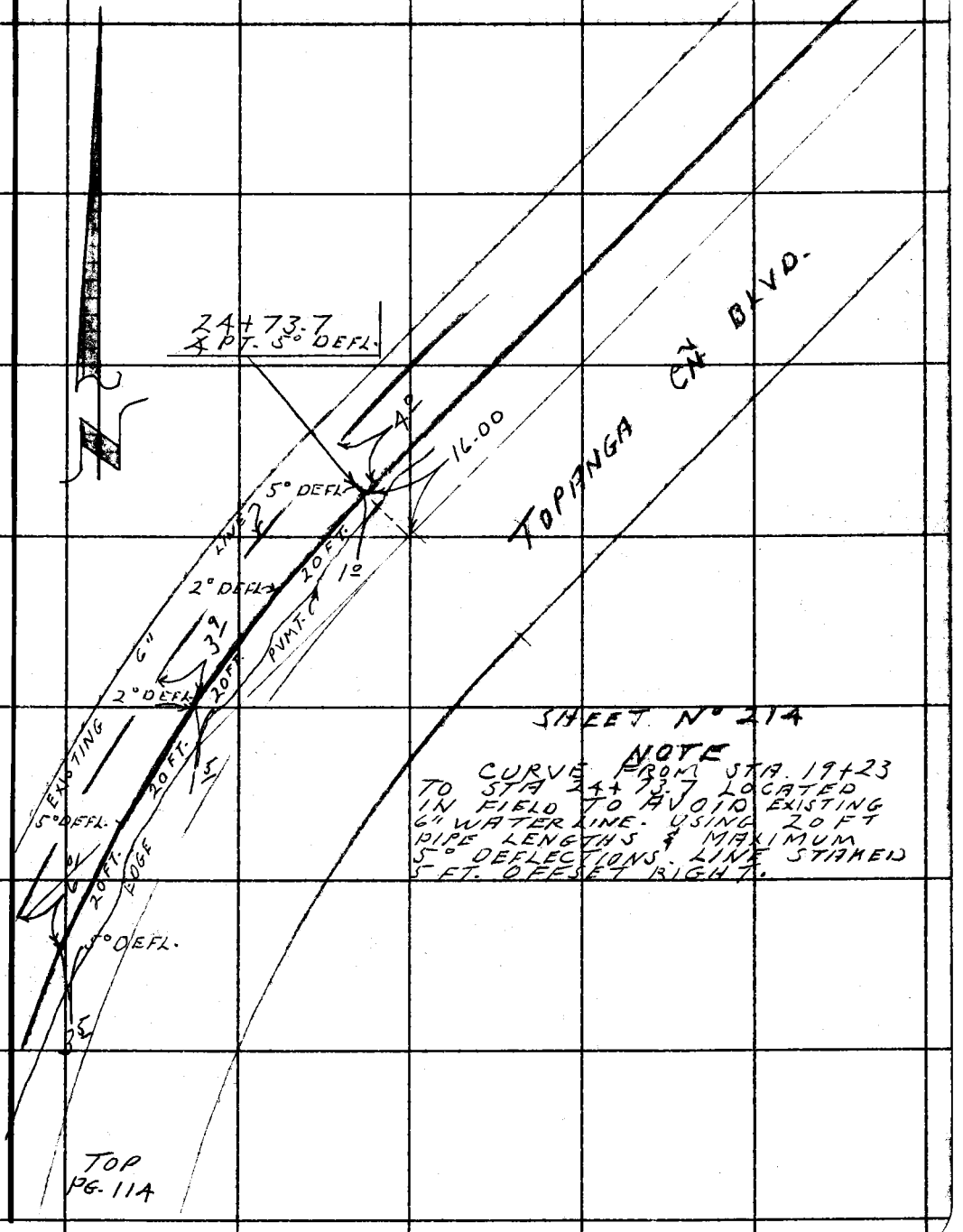
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of W.W. DIST. Nº 29
Map No.	JN 2215.15 Tape 169 Std 64 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 5-9-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 113

BOT-
PG. 119



SHEET Nº 214

NOTE
CURVE FROM STA. 19+23 TO STA 24+73.7 LOCATED IN FIELD TO AVOID EXISTING 6" WATERLINE. USING 20 FT PIPE LENGTHS & MAXIMUM 5° DEFLECTIONS. LINE STAKED 5 FT. OFFSET RIGHT.

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76F309S CE # 310 3-61

F. B. 3402 Pg. 114

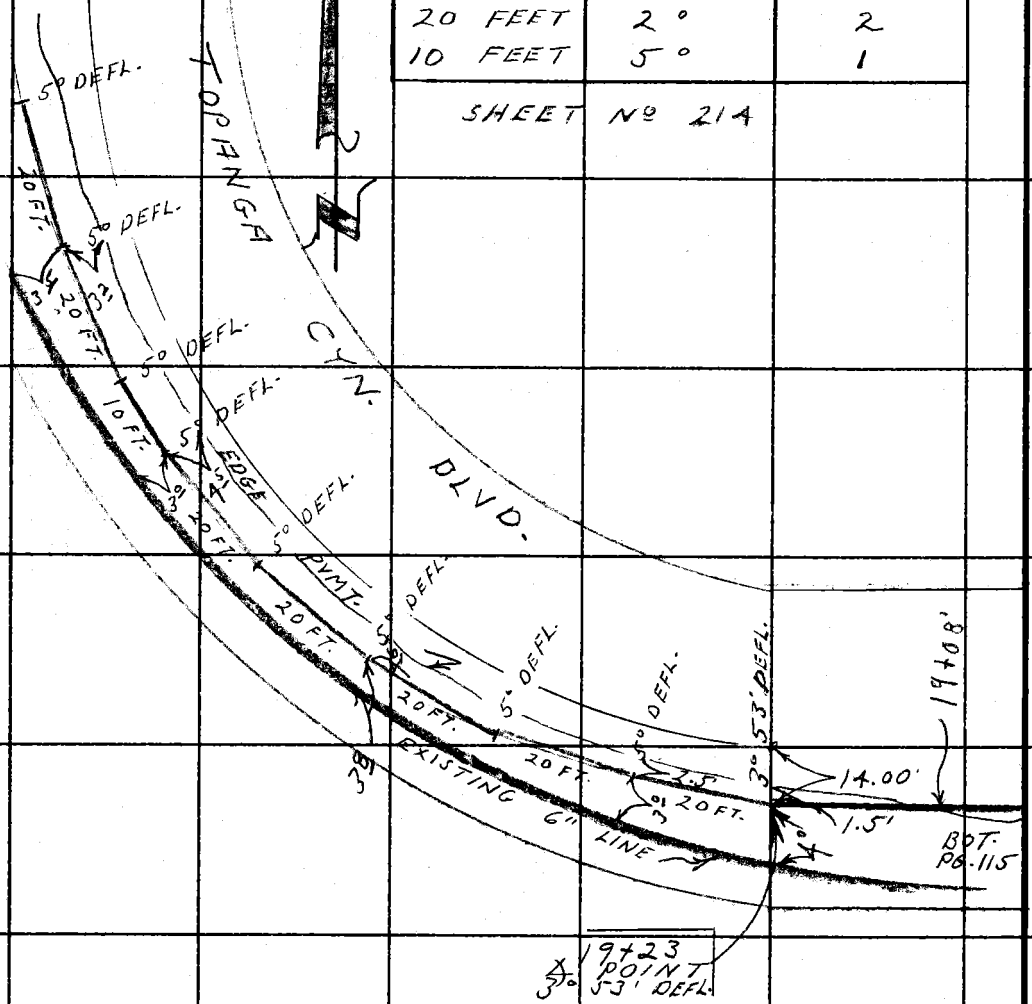
BOT PG-113

NOTE

CURVE FROM STA. 19+33 AHEAD TO 24+73.7 LOCATED IN FIELD TO AVOID EXISTING 6" WATER LINE AND EXISTING PAVEMENT MAXIMUM DEFLECTION OF 5° USING 20 FT. SECTIONS OF 8" PIPE EXCEPT ONE 10 FT. SECTION 100 FT. NLY OF 19+23. LINE STAKED 5 FT. OFFSET RIGHT.

PIPE LENGTH	DEGREES DEFL.	QUANTITY
20 FEET	5°	21
20 FEET	4°	4
20 FEET	2°	2
10 FEET	5°	1

SHEET Nº 214



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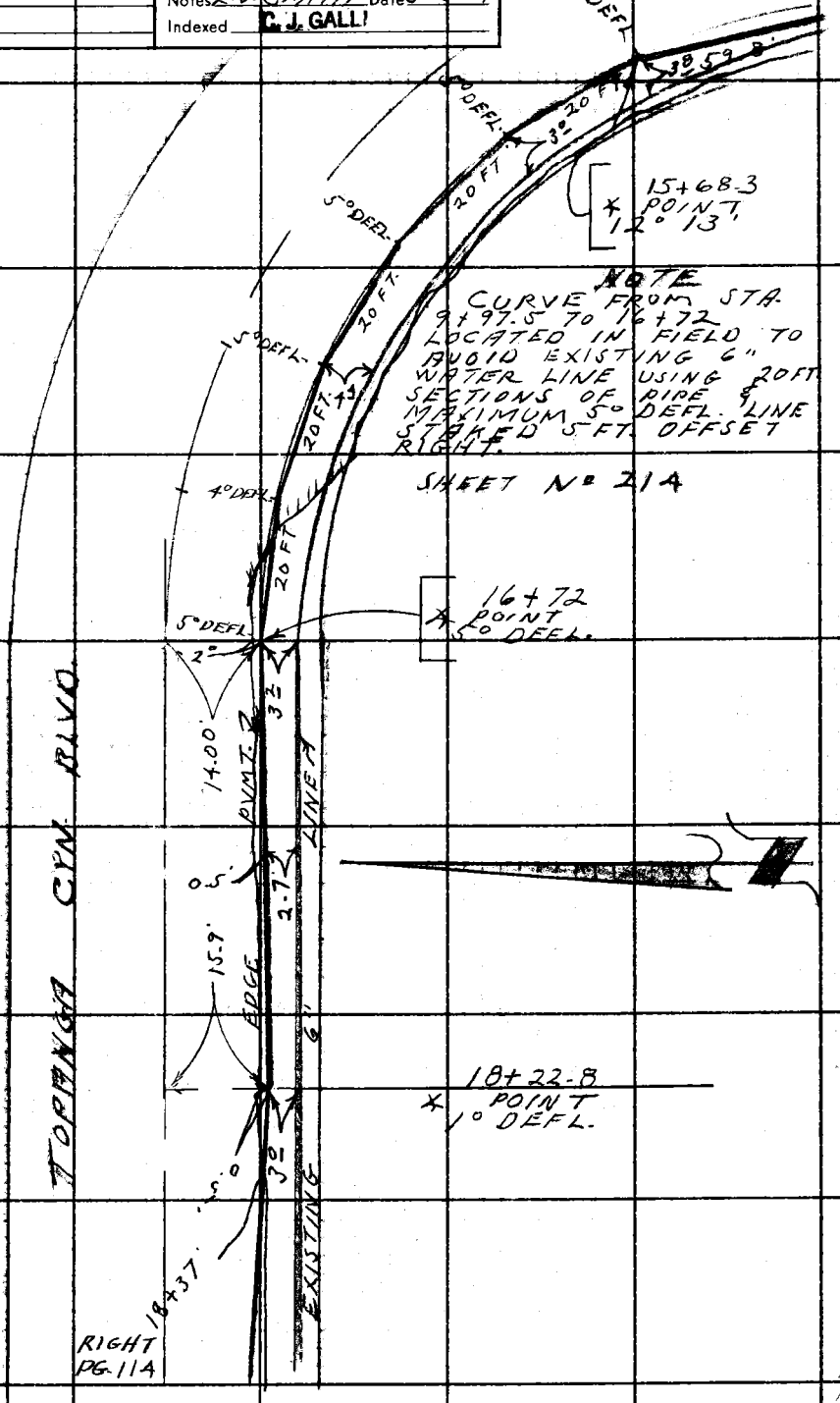
Notes Ck'd by	Survey of W.W. Dist Nº 29
Map. No.	JN 2215.15 Tape 169 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 5-8-67
Date	Indexed C.J. GALLI

F. B. 3402 PG. 115



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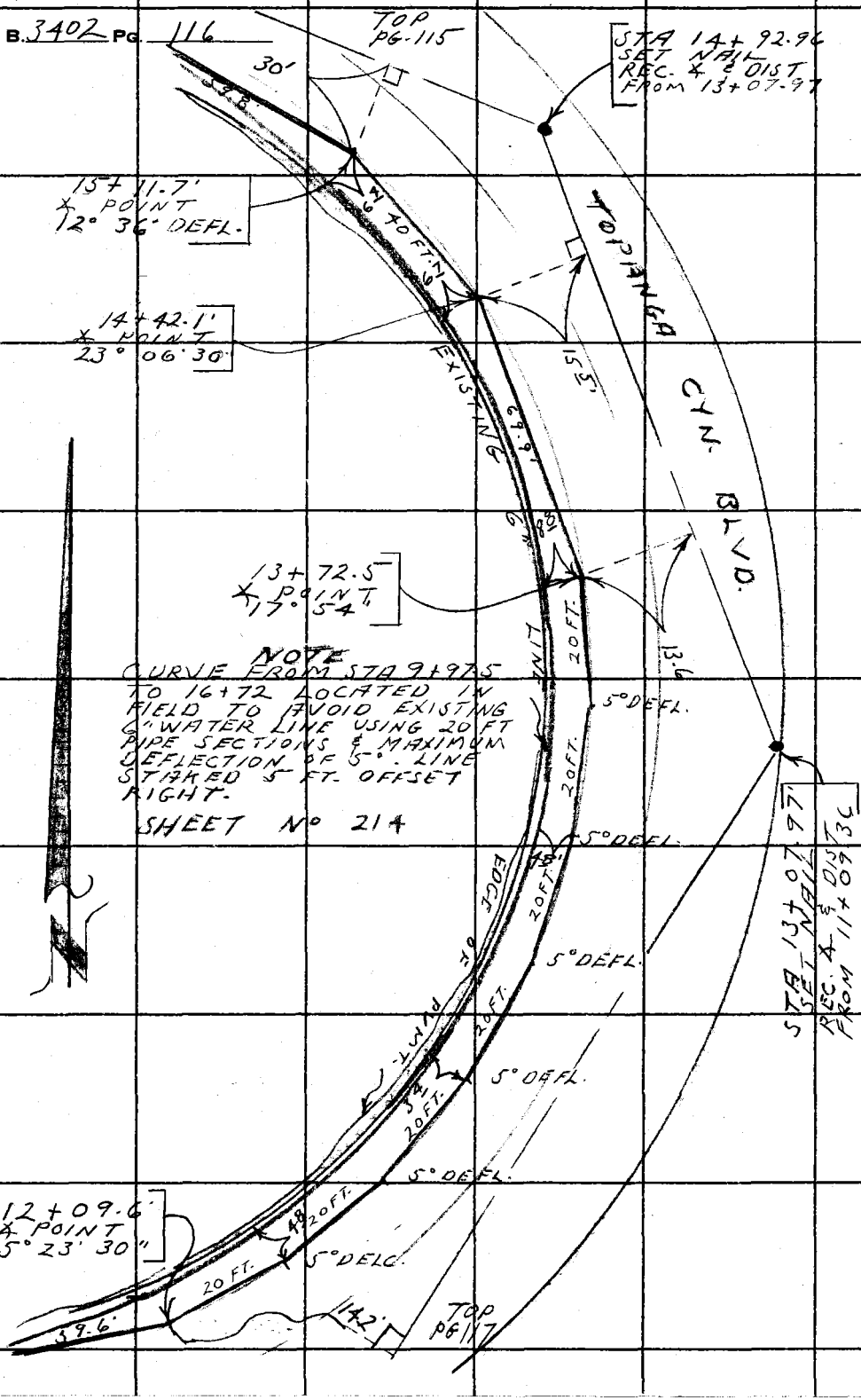
76F309S CE # 310 3-61

F. B. 3402 PG. 116



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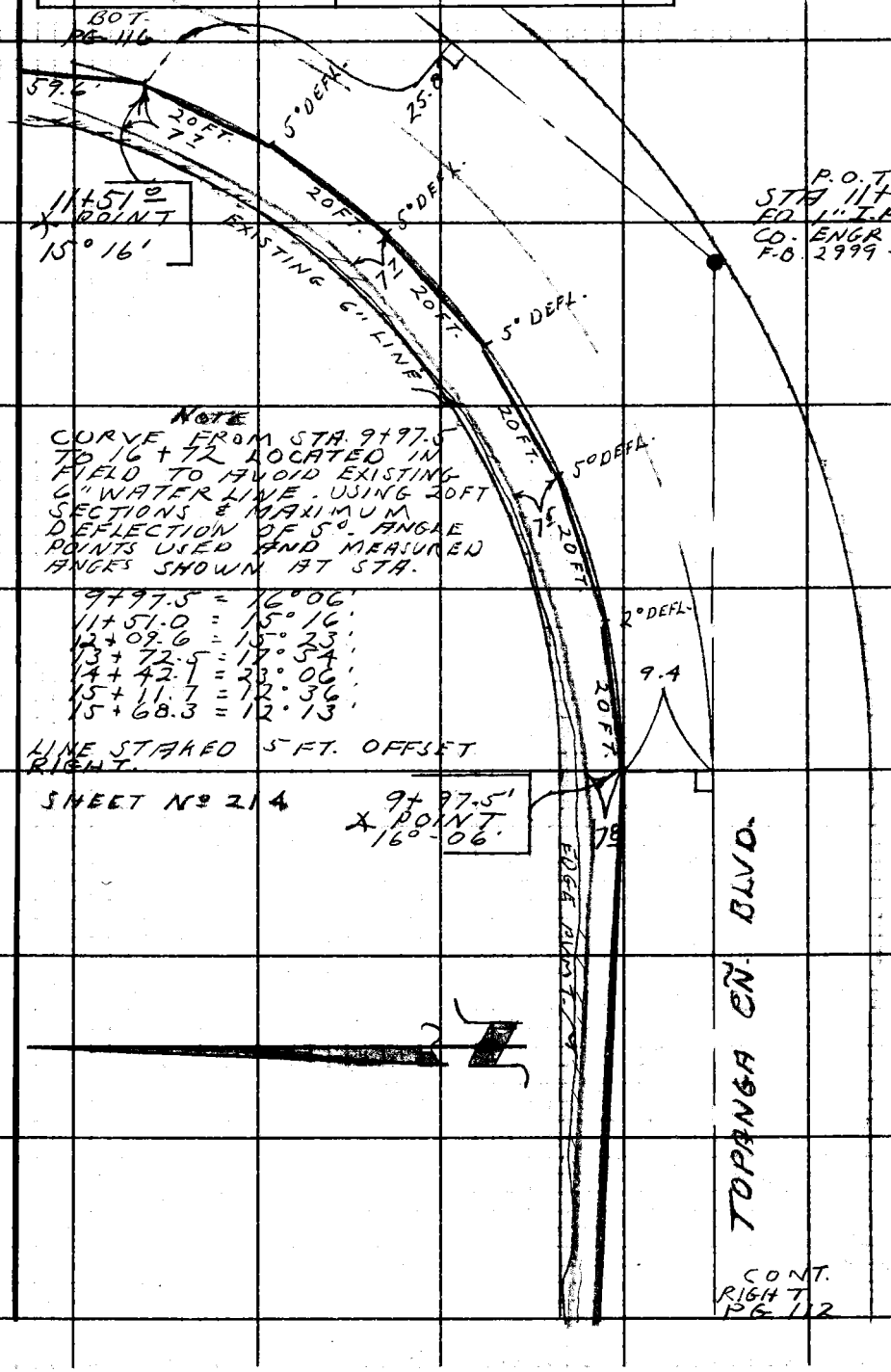
Notes Ck'd by	Survey of W.W. DIST. Nº 29	F. B. 7402 PG. 117
Map. No.	JN 2245-15 Tape 169 Std. 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 5-8-67	
Date	Indexed C. J. GALLI	



NOTE
CURVE FROM STA. 9+97.5 TO 16+72 LOCATED IN FIELD TO AVOID EXISTING 6" WATER LINE. USING 20 FT SECTIONS & MAXIMUM DEFLECTION OF 5°. ANGLE POINTS USED AND MEASURED ANGLES SHOWN AT STA.

9+97.5 = 16° 06'
11+51.0 = 15° 16'
12+09.6 = 15° 23'
13+72.5 = 17° 34'
14+42.1 = 23° 06'
15+11.7 = 12° 36'
15+68.3 = 12° 13'

LINE STAKED 5 FT. OFFSET RIGHT.

SHEET Nº 214

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76F3095 CE # 310 3-61

F. B. 3402 PG. 118

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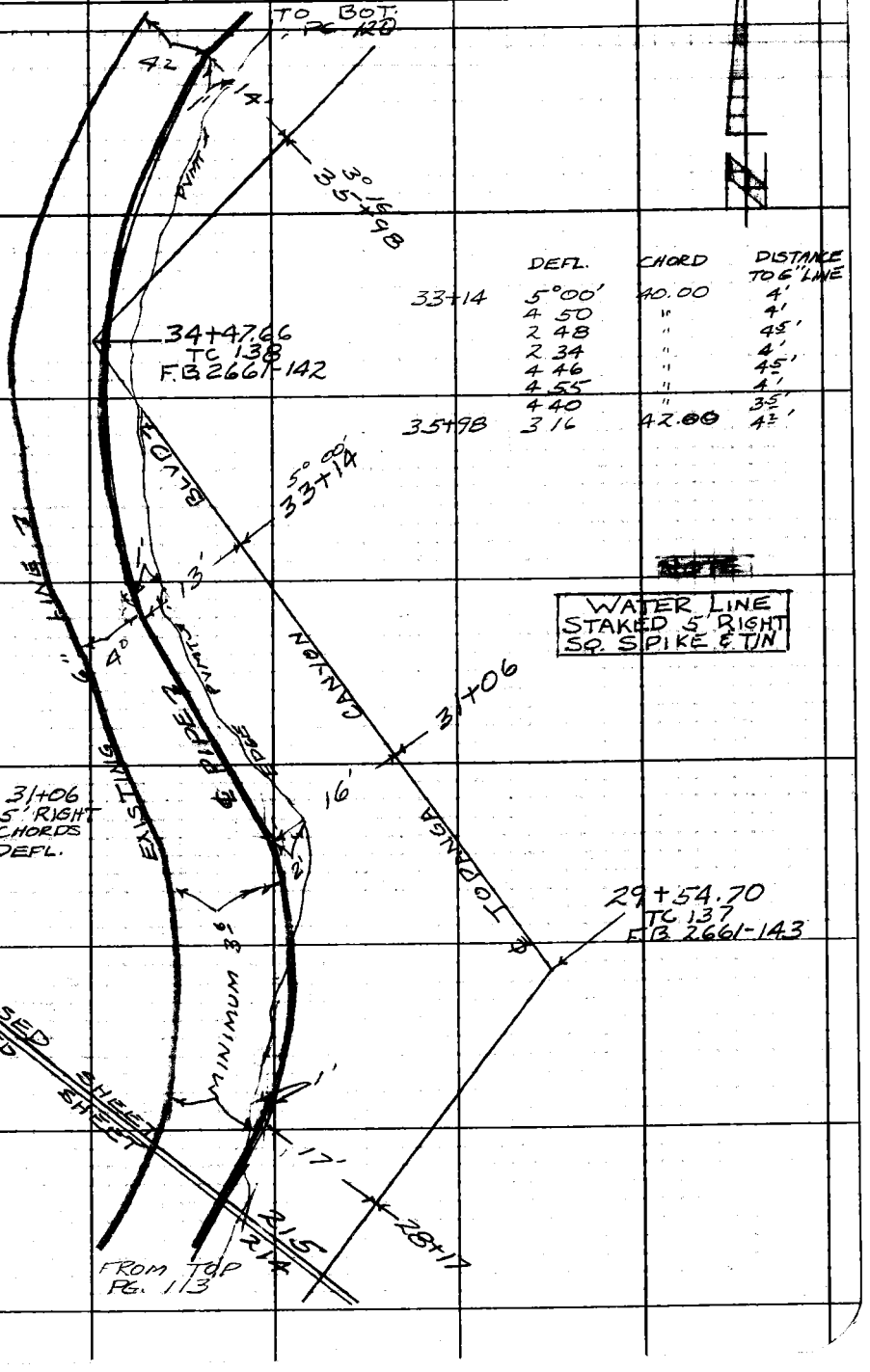
Notes Ck'd by	Survey of WW #29 TOP CN RD
Map No.	JN 22/5.15 Tape 226 Std. 68 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 5-67
Date	Indexed [redacted]

F. B. 3402 PG. 119



	DEFL.	CHORD	DISTANCE TO 6" LINE
33+14	5°00'	40.00	4'
	4 50	"	4'
	2 48	"	4.5'
	2 34	"	4'
	4 46	"	4.5'
	4 55	"	4'
	4 40	"	3.5'
35+49B	3 16	42.00	4½'

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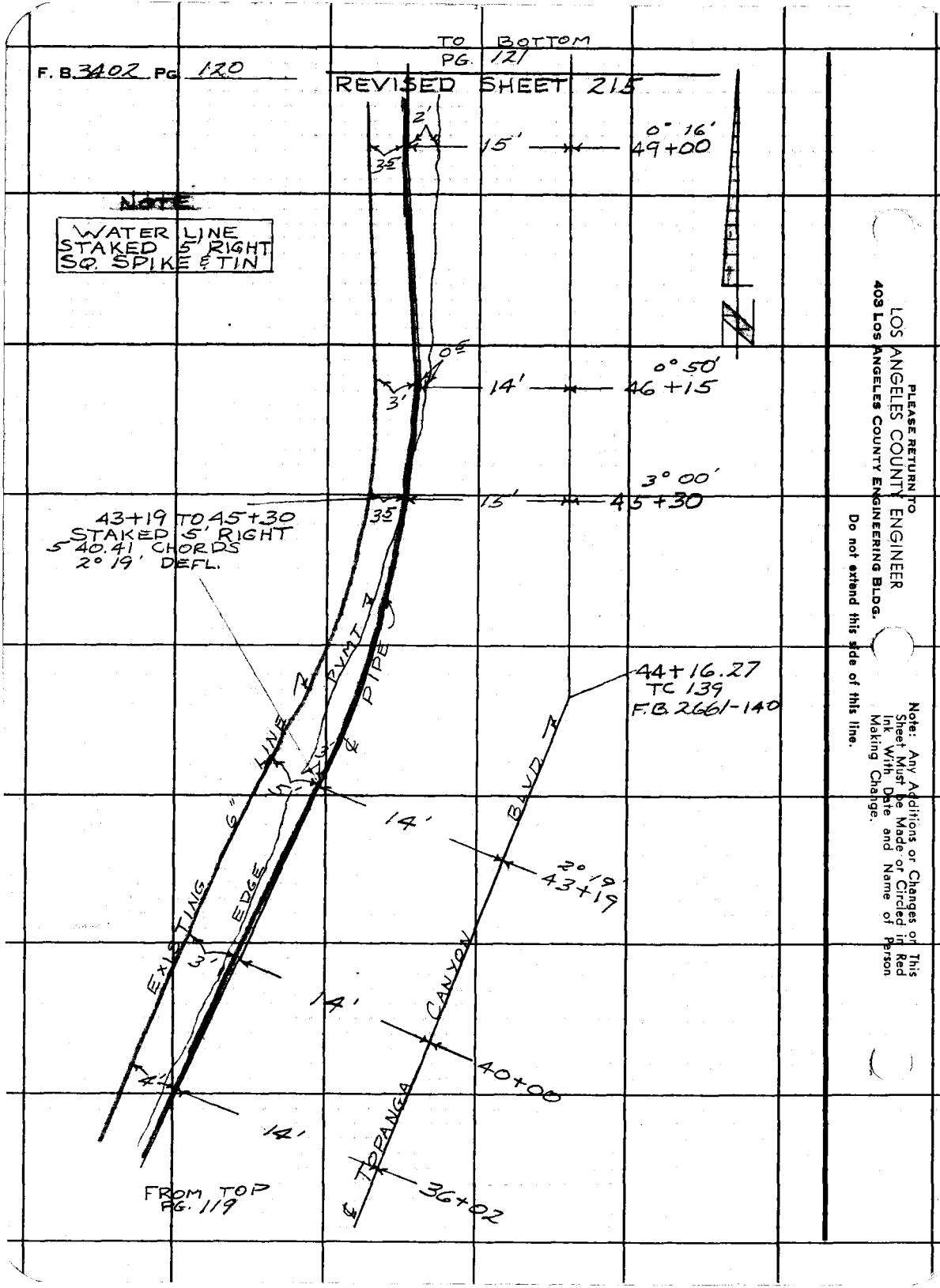
76F309S CE#310 1-65

TO BOTTOM PG. 121

F. B. 3402 PG. 120

REVISED SHEET 215



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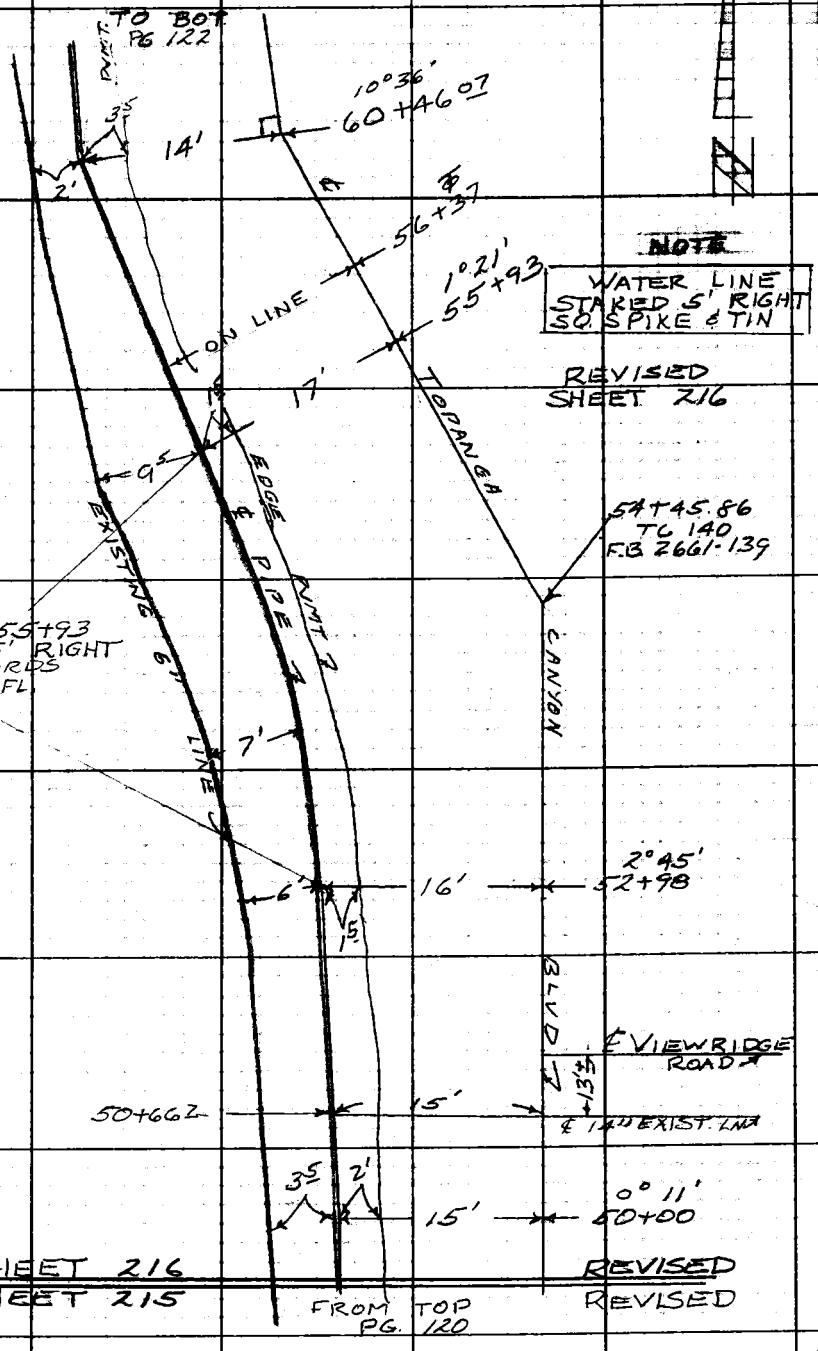
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WW #29 TOPANGA RD
Map No.	JN 2215.15 Tape 226 Std 68° F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 4-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 121



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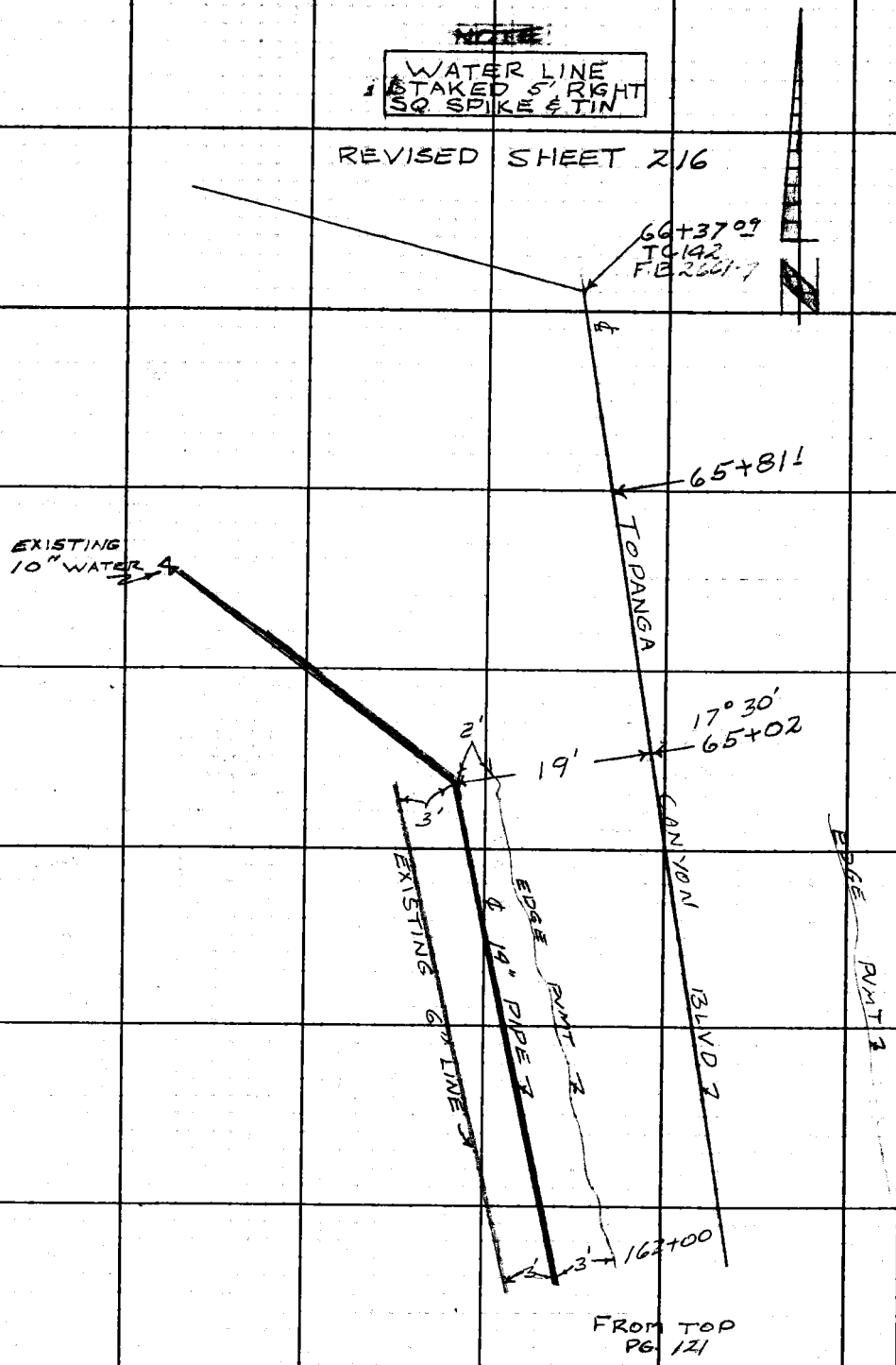
76F3095 CE#310 1-65

F. B. 3402 PG 122

~~NOTE~~

WATER LINE STAKED 5' RIGHT SQ SPIKE & TIN

REVISED SHEET 2/6



FROM TOP PG. 121

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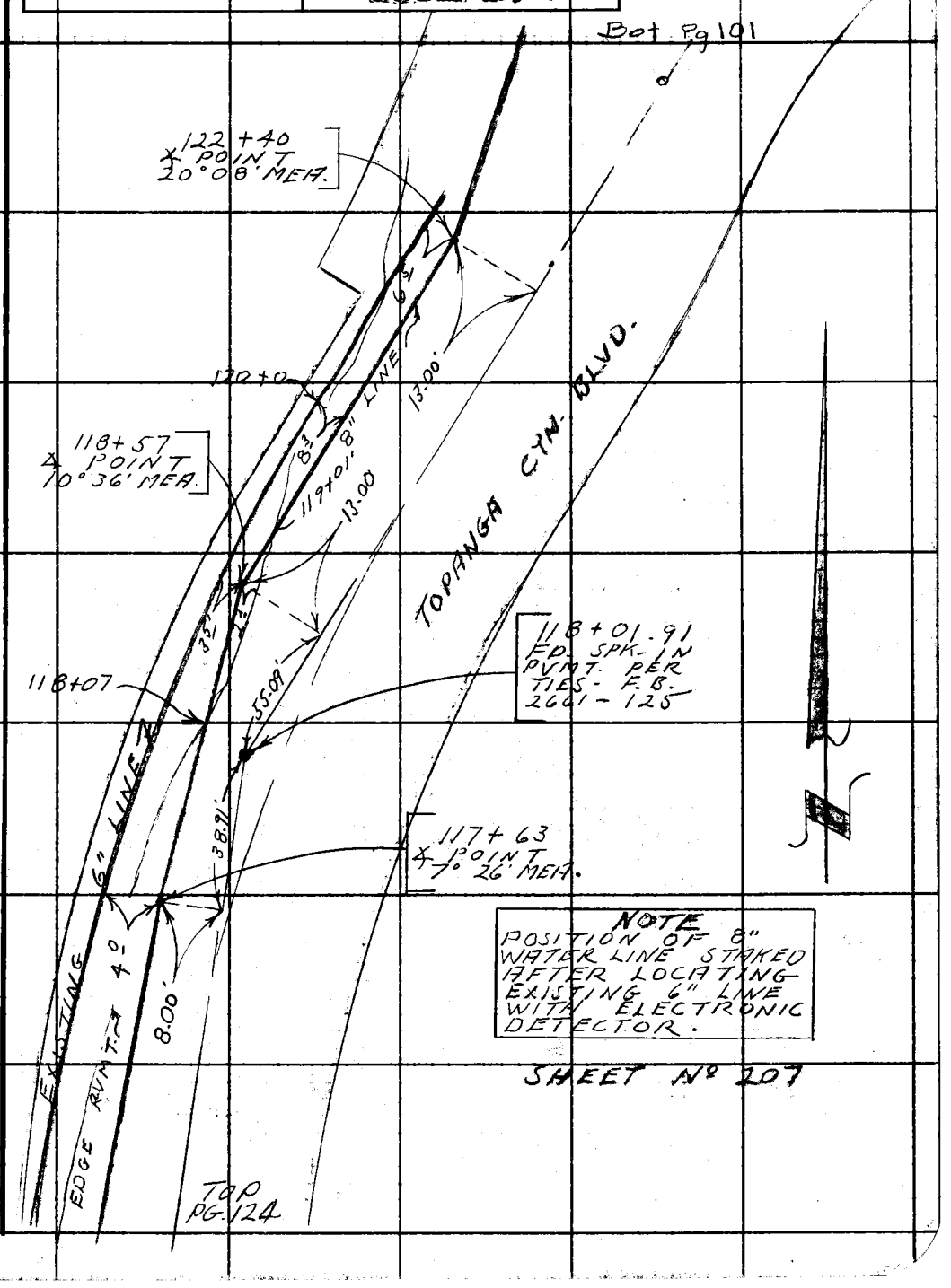
Notes Ck'd by	Survey of W. W. DIST. Nº 29	F. B. 3402 Pg. 123
Map No.	JN 2215.15 Tape 169 Std 84 °F	
Office Work	Surveyed by L. V. SMITH	
Checked	Notes L. V. SMITH Date 5-9-67	
Date	Indexed C. J. GAILY JUN 5 '67	



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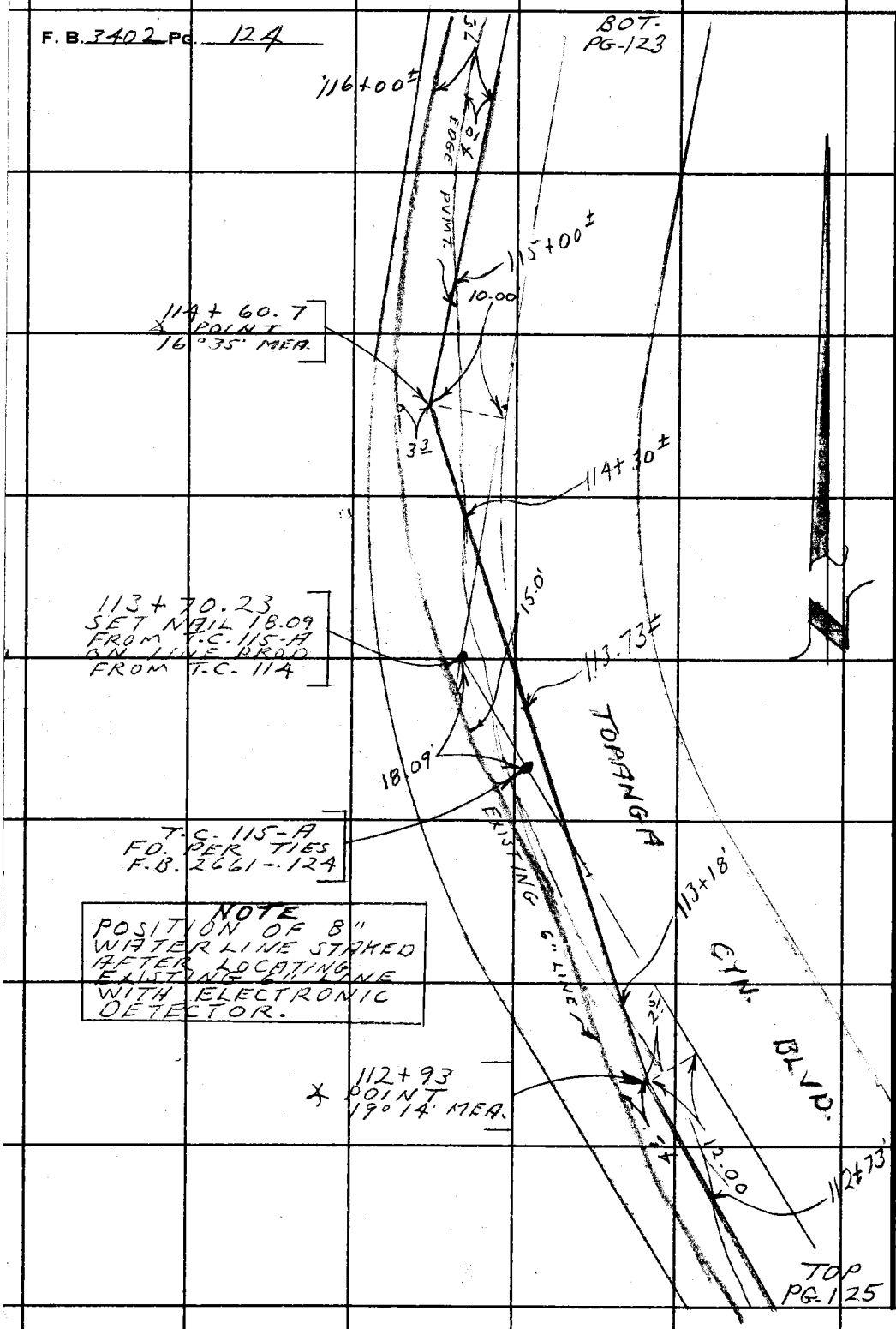
403 LOS ANGELES COUNTY ENGINEERING BLDG.

78F3095 CE # 310 3-61

F. B. 3402 Pg. 124



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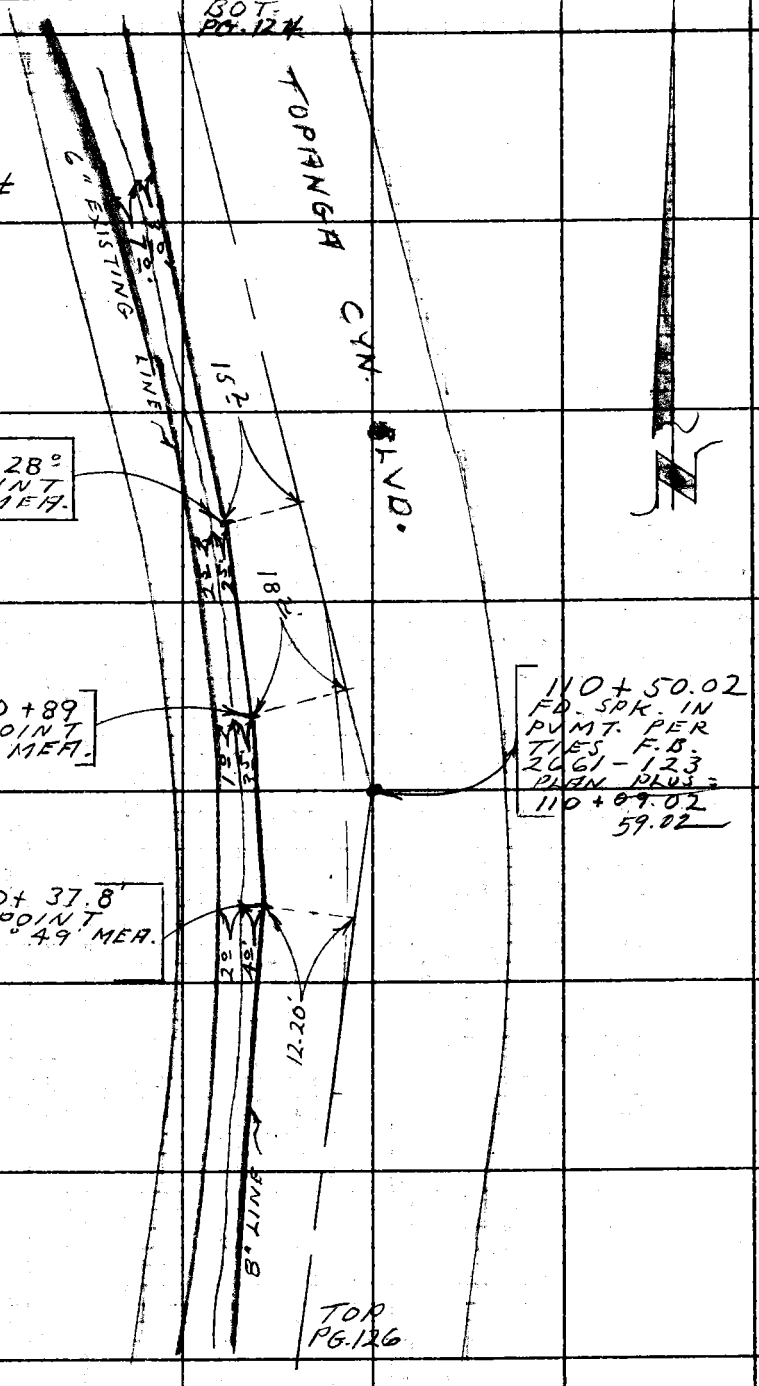
Notes Ck'd by	Survey of W.W. DIST. Nº 29
Map No.	JN 2215.15 Tape 169 Std. 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 5-10-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 125



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

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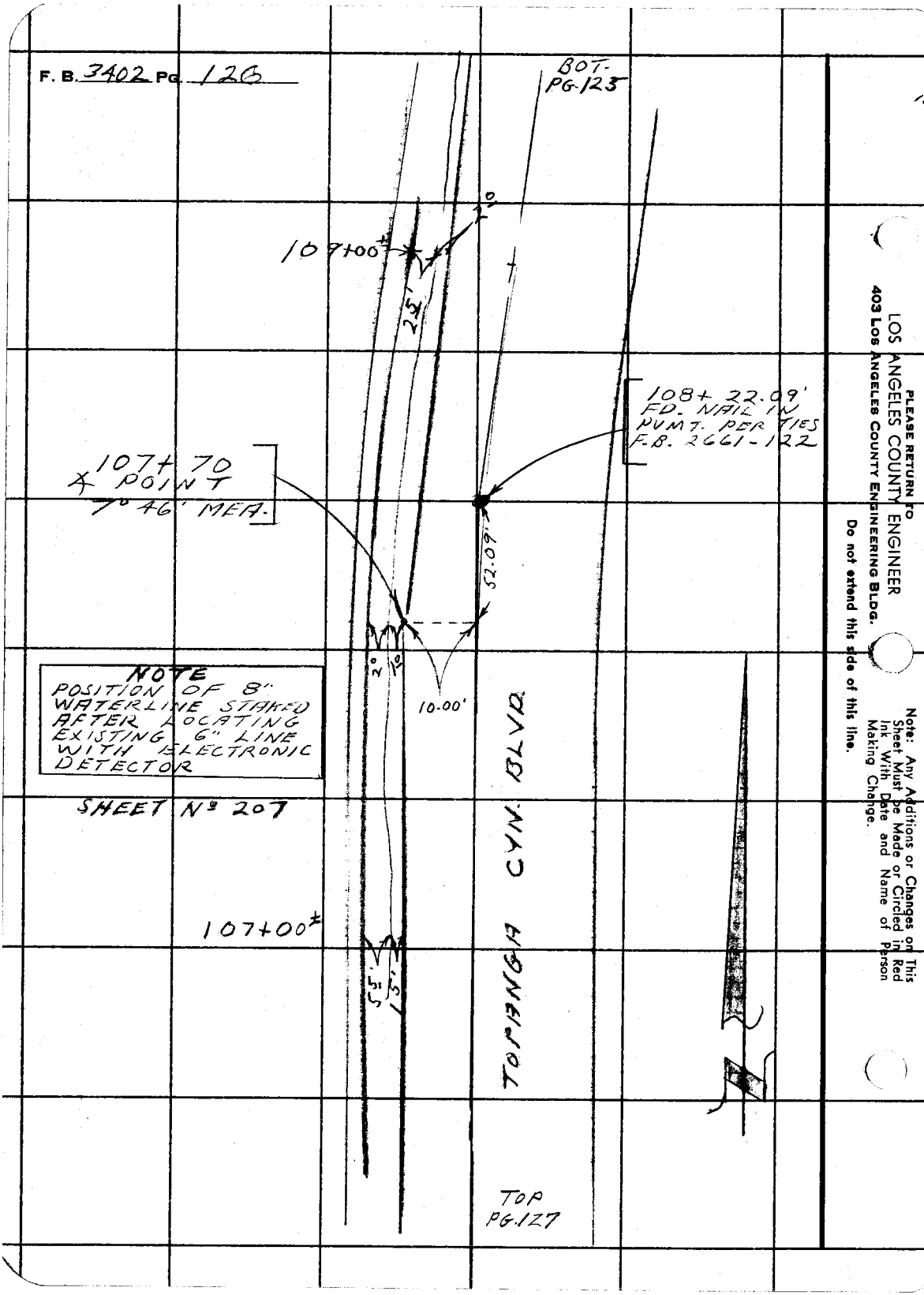
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 2-61

F. B. 3402 PG. 126



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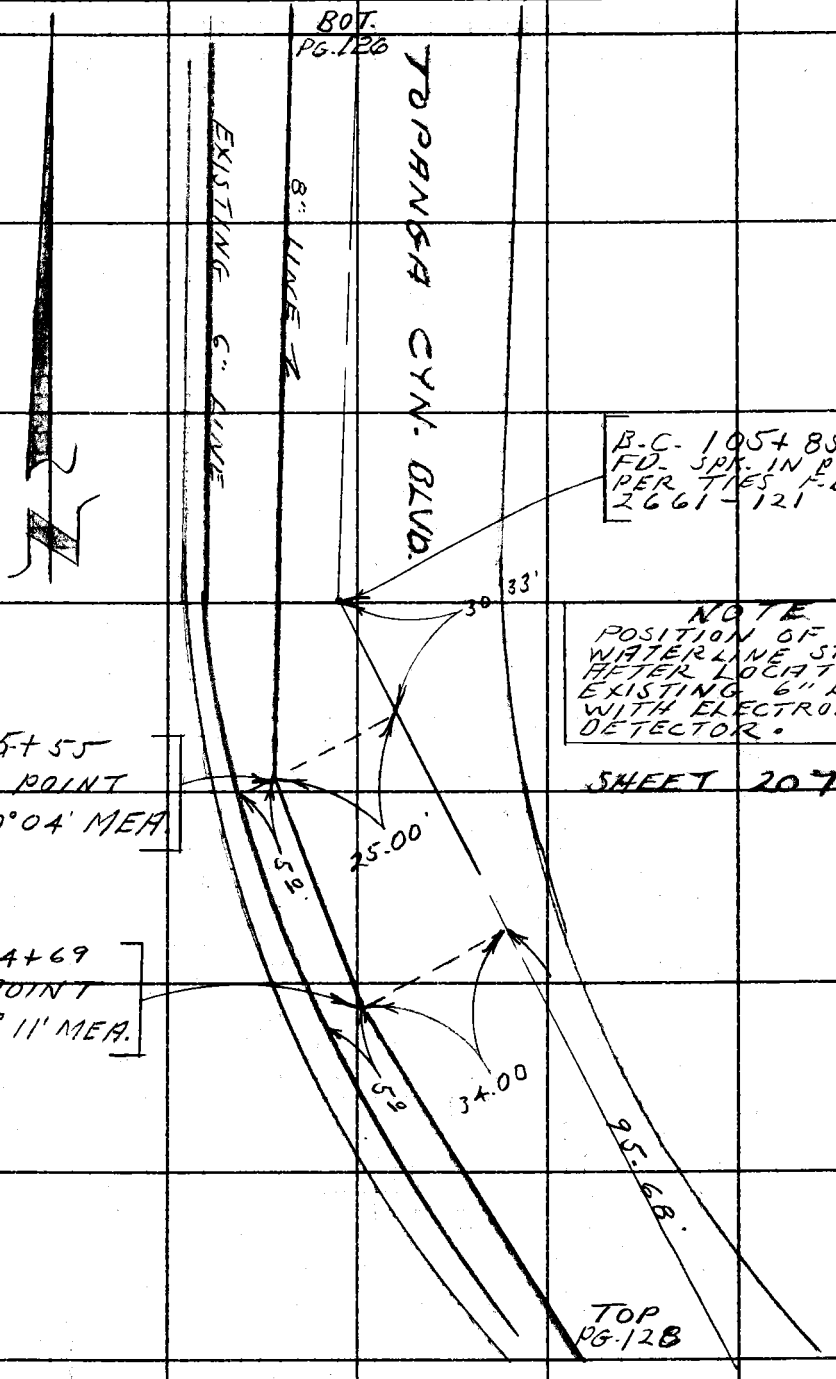
Notes Ck'd by	Survey of W-W-DIST No 29
Map. No.	JN 2215-N Tape 169 Std 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L-V-SMITH Date 5-16-67
Date	Indexed C.J. GALLI

F. B. 3402 PG. 127



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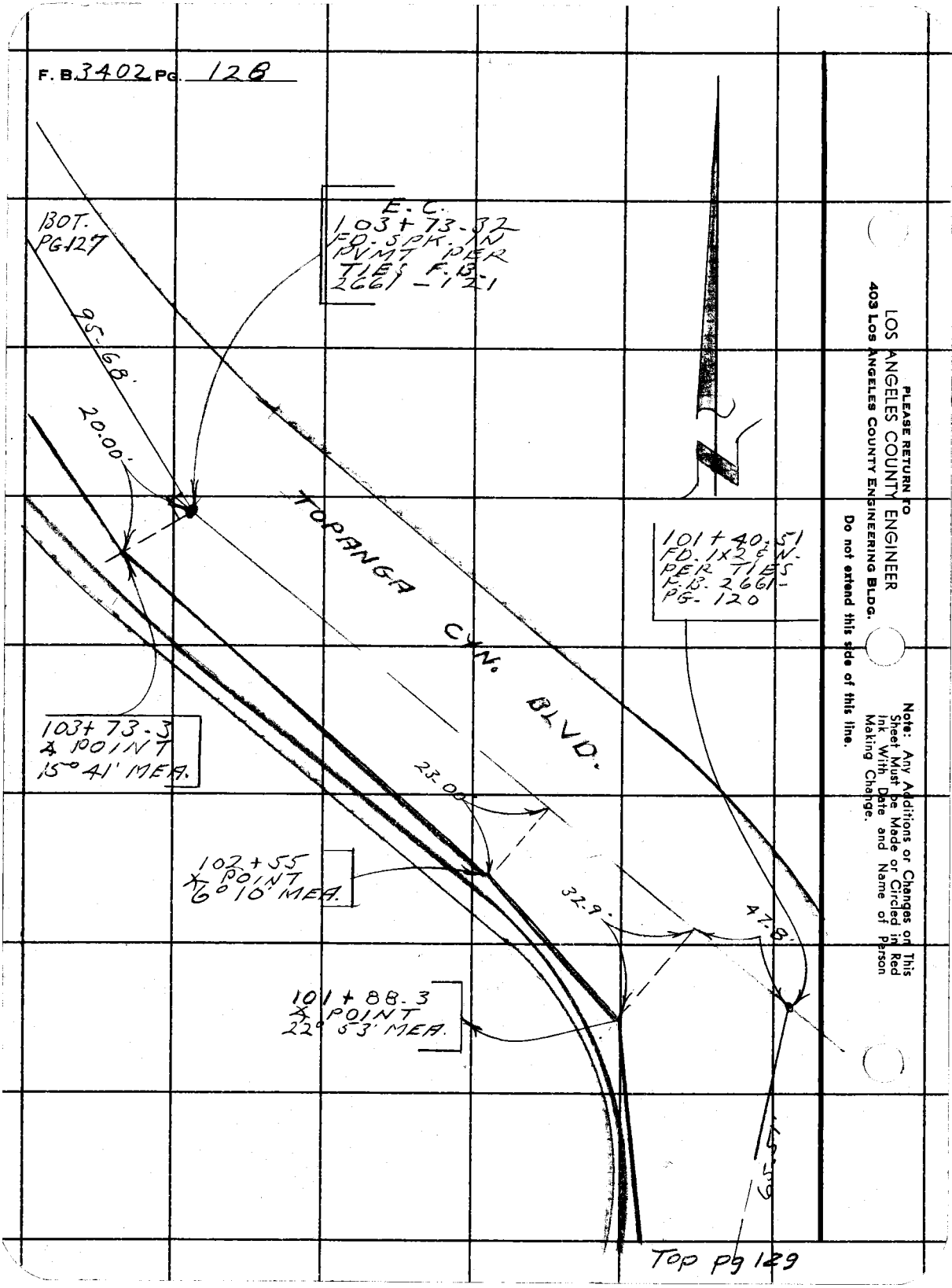
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 2-61

F. B. 3402 PG. 128



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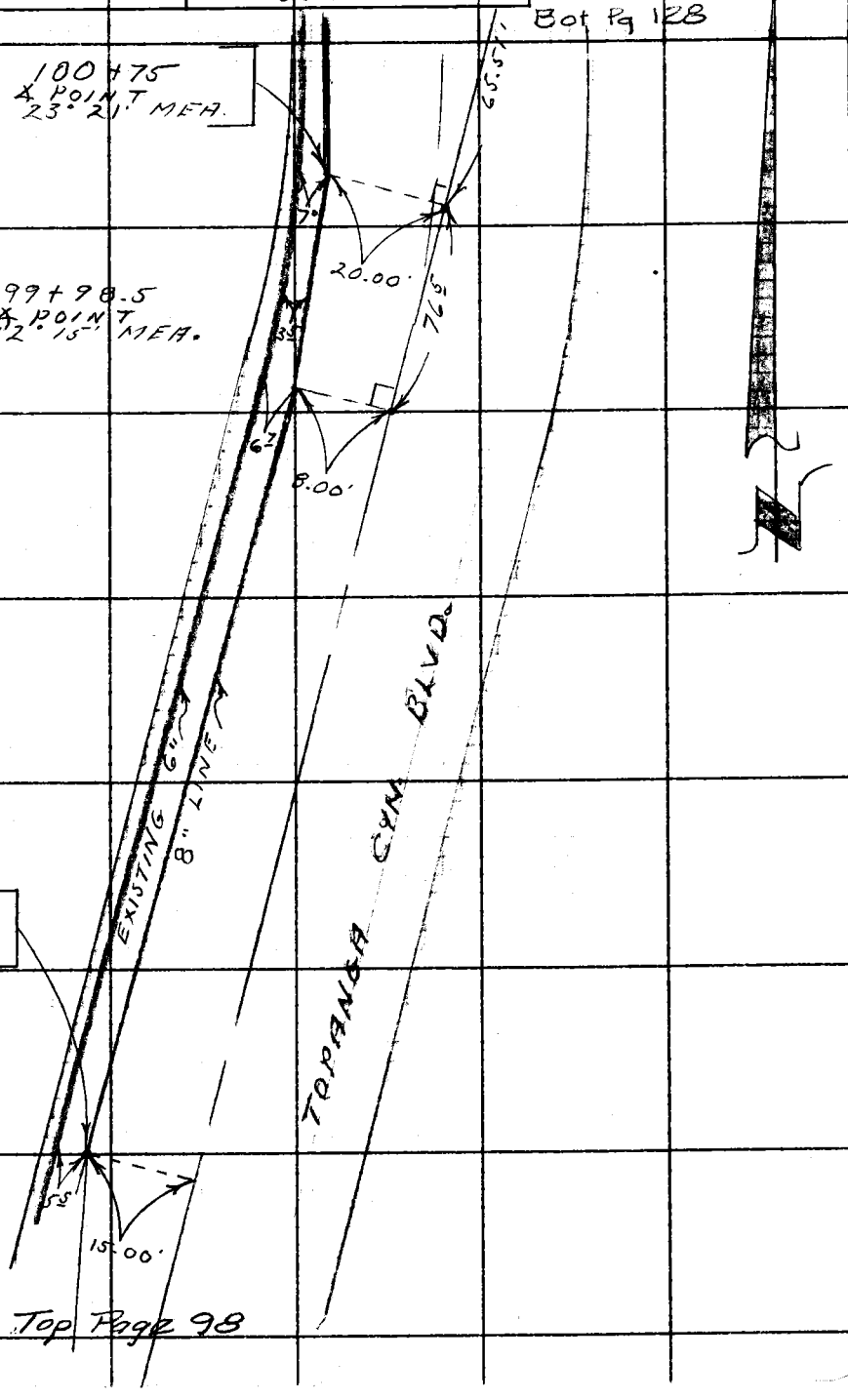
Notes Ck'd by	Survey of W.W. DIST. Nº 29
Map No.	JN 2215.15 Tape 169 Std. 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 5-16-67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 129

Bot Pg 128



Top Page 98

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76F3095 CE # 310 3-61

F. B. 3402 PG. 130

151 to End Assigned
To Brooks
6-28-67

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Notes Ck'd by	Survey of Topanga E. Malibu Water Works
Map No.	JN 22 15 15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes F.E.B. Date July 67
Date	Indexed C. J. GALLI NOV 1 6 '67

F. B. 3402 PG. 151

J.N. 2215.15

TOPANGA E. MALIBU WATER WORKS

DISTRICT NO 29

VALLEY VIEW DR.

BASIN DR.

SKYLINE TR

SUMMIT DR

VISION TR

HILLCREST DR.

WATER WORKS PLANS 316 - 317

FE Brooks
GE Cook
M Sonnenschein
P Harrington

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76F309S CE#310 1-65

F. B. 3402 PG 152

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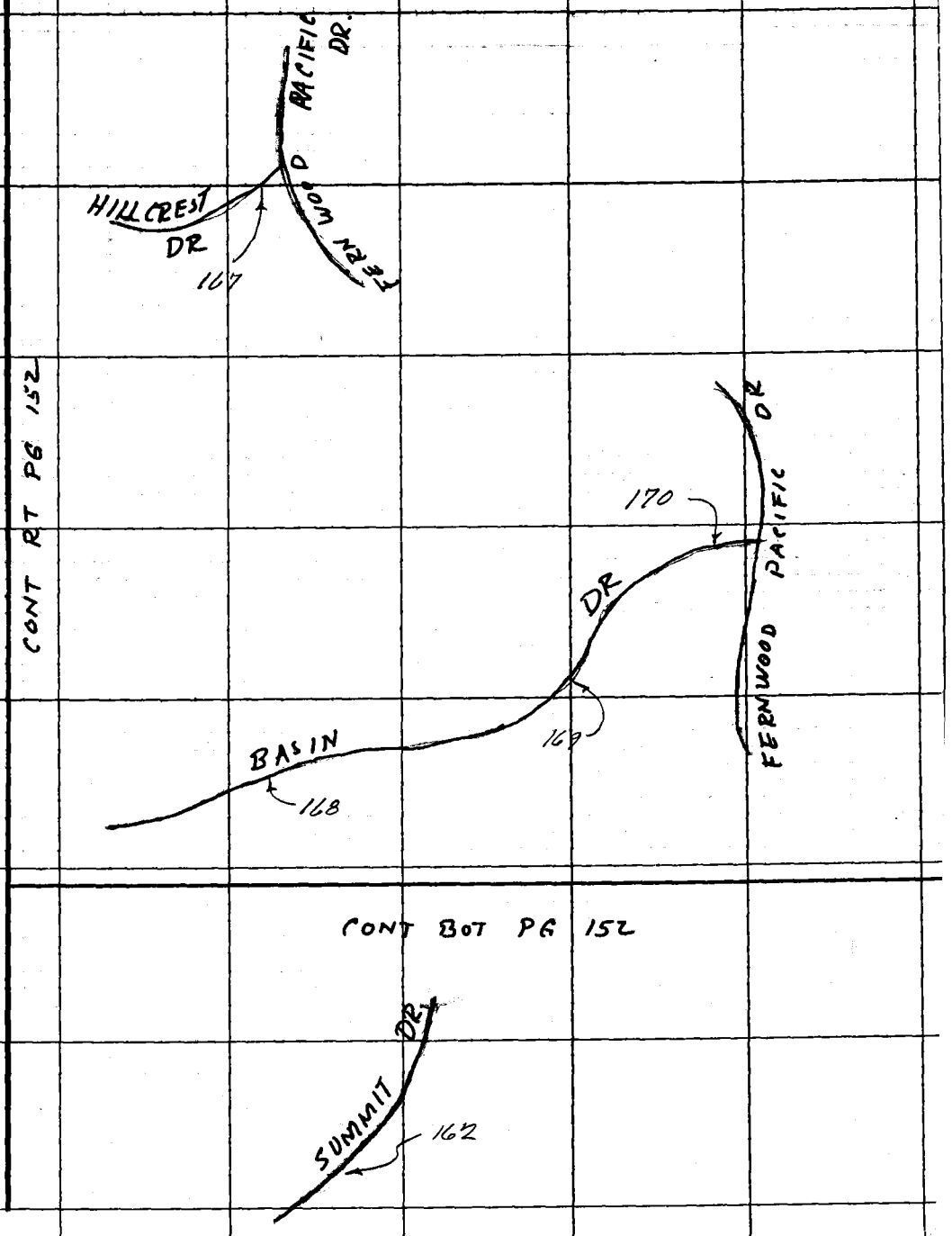
Notes Ck'd by	Survey of Topanga E. Malibu Water Wells
Map No.	JN 2616.15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date July 67
Date	Indexed C. J. GALLI

F. B. 3403 PG. 153



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

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76F309S CE#310 1-65

F. B. 3402 PG 154

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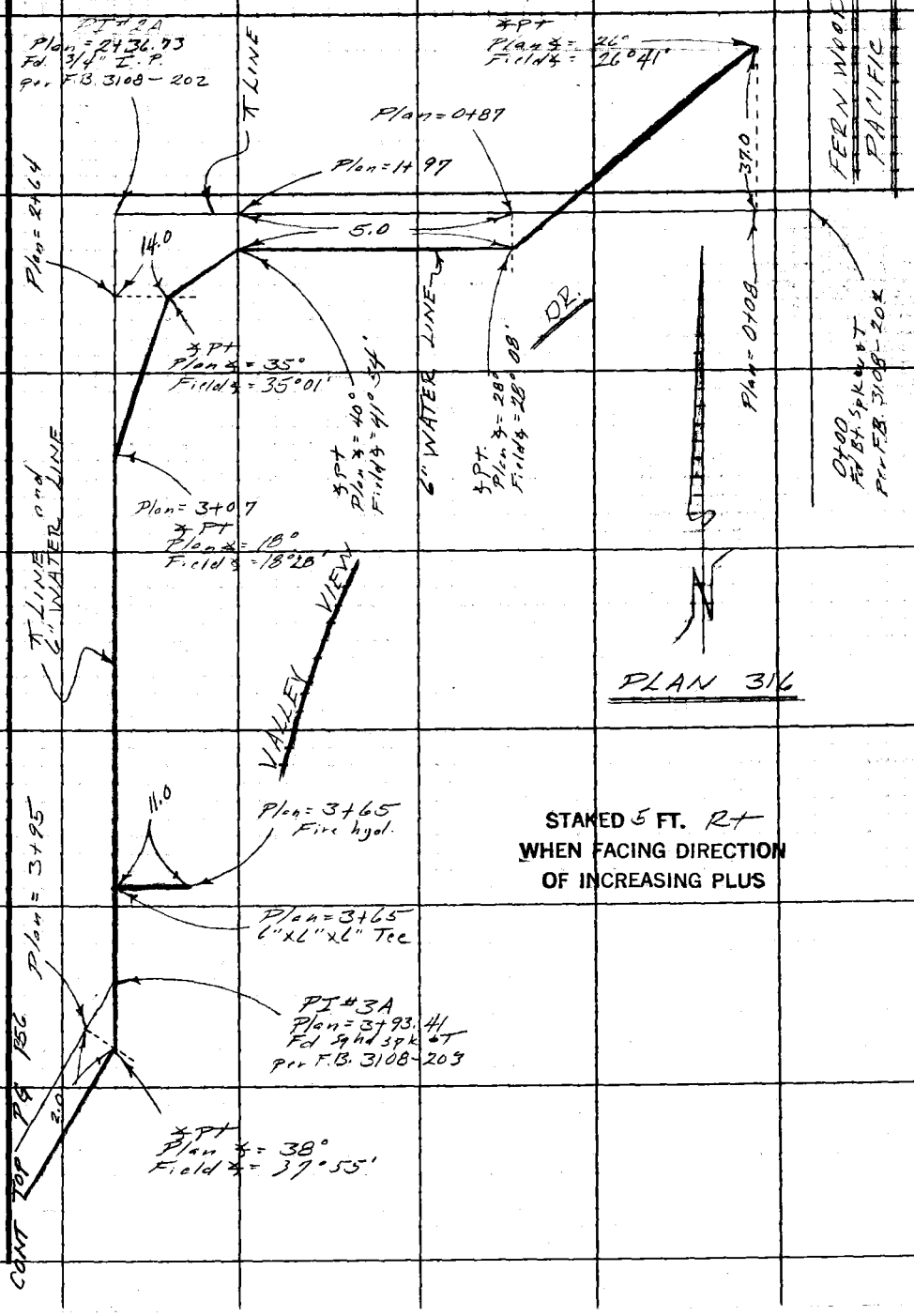
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Topanga F. Malibu Water Works
~~Map No.~~	JN 2215.15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
~~Checked~~	Notes F.E.B. Date 6 July 67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 155A



STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

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

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76F309S CE#310 1-65

B

F. B. 3402 PG 156

CONT LT. PG 155 A

PLAN 316

N

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

PI #4A
Plan = 5+32.41
Fd Spike T
per F.B. 3108-203

DR

Plan = 5+35

4.0

℄ Pt
Plan ∡ = 10°
Field ∡ = 11° 36'

℄ LINE

Plan = 6+57

6" WATER LINE

4.0

PI #5A
Plan = 6+66.81
Set Wspk by T.W.
per FB 3108-204

℄ Pt
Plan ∡ = 14°
Field ∡ = 17° 07'

VIEW

VALLEY

Plan = 7+72

6" x 6" x 6" Tee

Plan = 7+78

6.0

℄ PT
Plan ∡ = 16°
Field ∡ = 16° 06'

Plan = 8+09
6" x 6" x 6" Tee

10.0

Fire hyd

CONT RT PG 157 B

Plan = 8+37

6.0

℄ PT
Plan ∡ = 35°
Field ∡ = 36° 54'

PI #6A
Plan = 8+19.12
Fd N Spk T.W.
per FB. 3108-204

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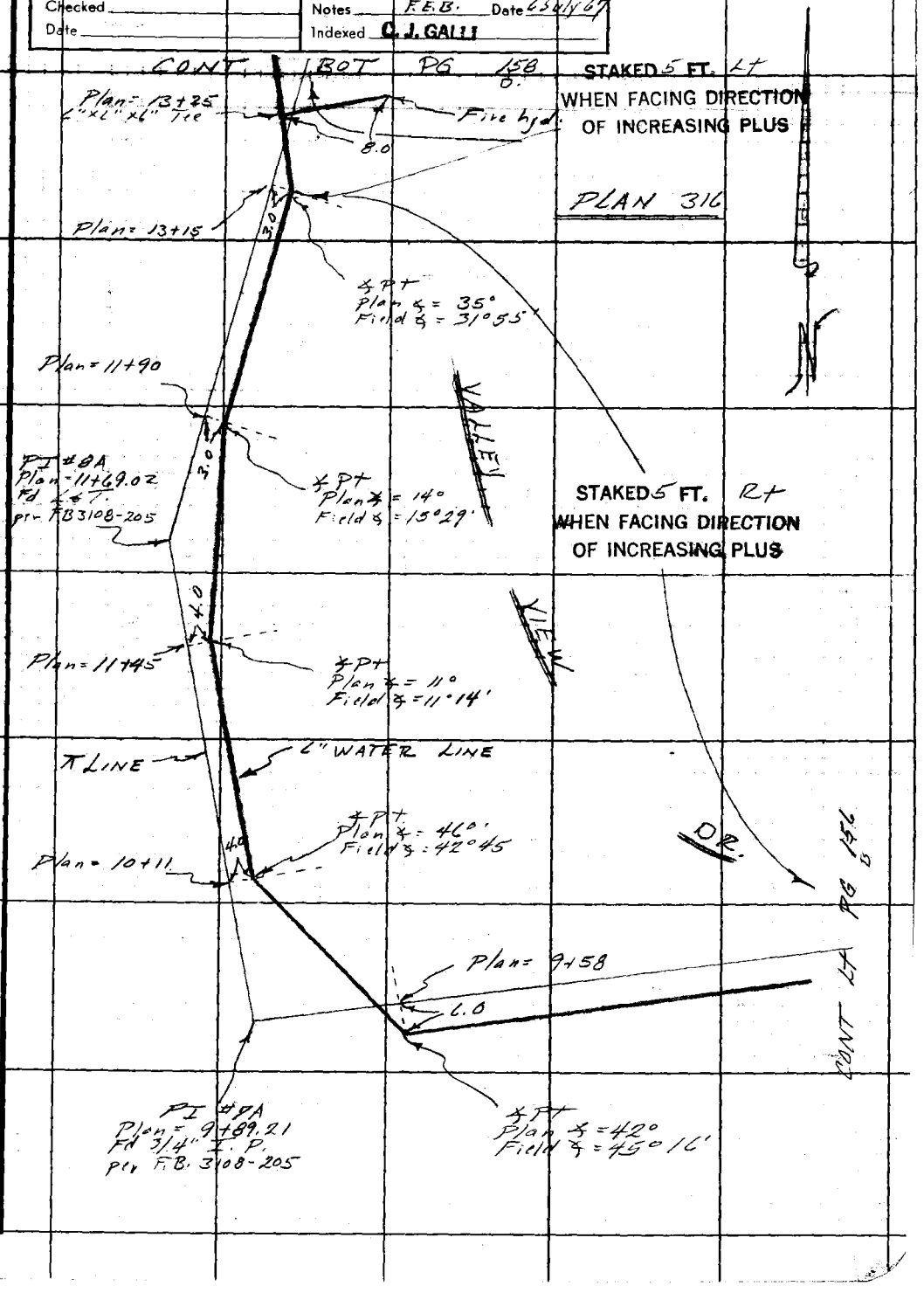
Notes Ck'd by	Survey of Topanga E Malib Water Works F. B. 3402 PG. 157
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 6 July 67
Date	Indexed C. J. GALLI



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

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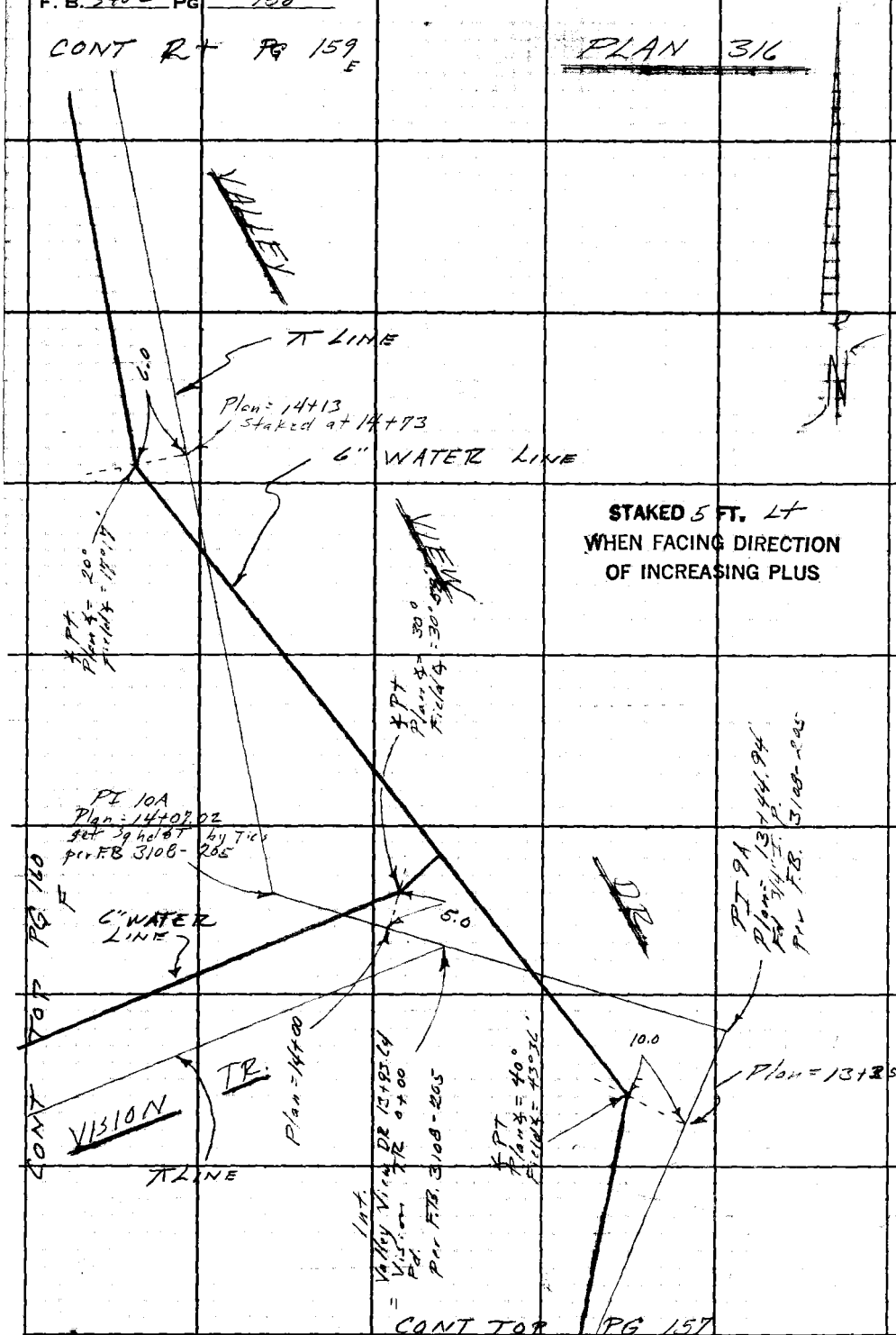
76F309S CE#310 1-65

F. B. 3402 PG 158

CONT R+ PG 159 E

PLAN 316



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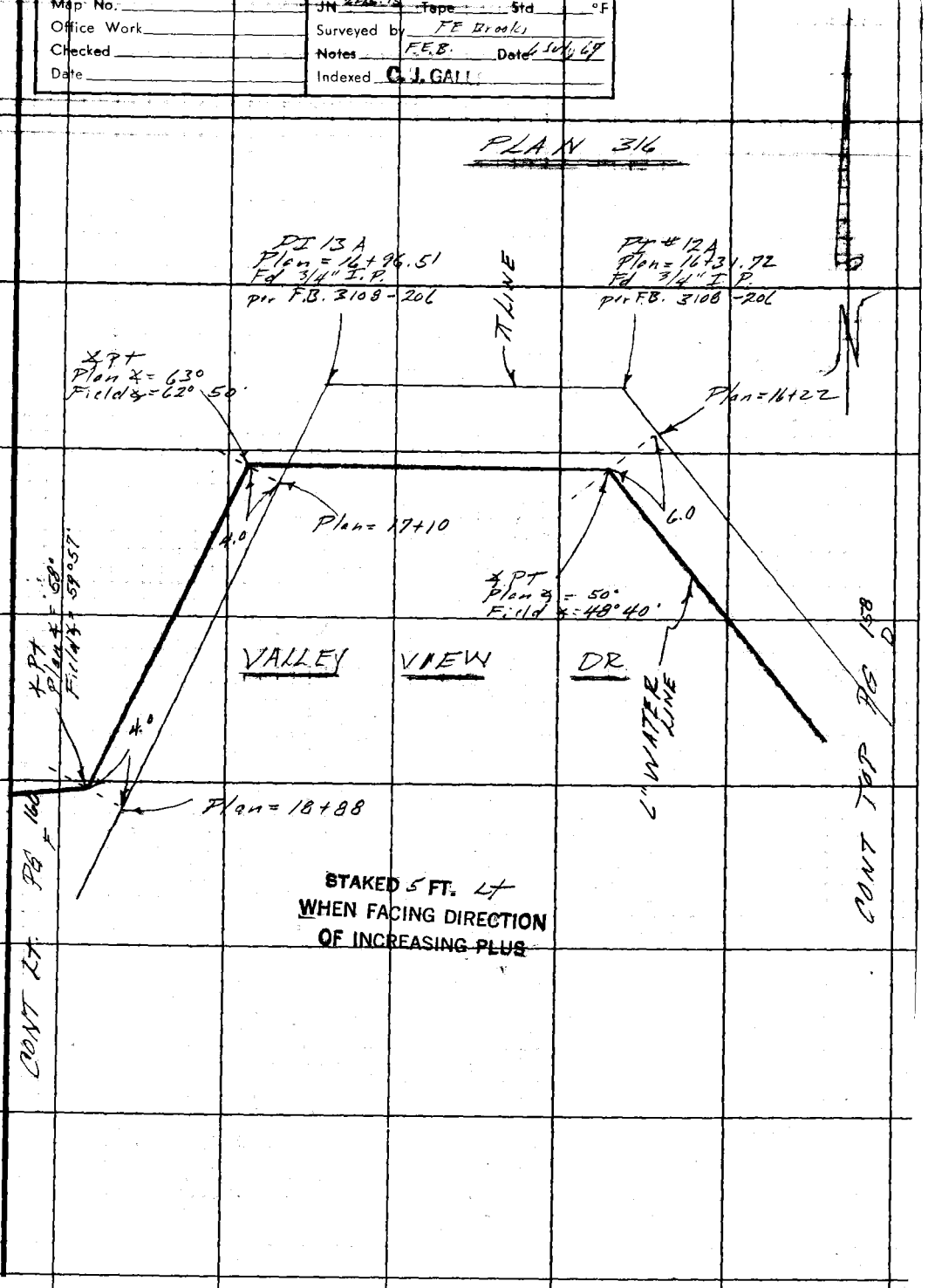
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Topanga E. Malibu Water Works
Map No.	JN 2216.15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes F.E.B. Date 6 July 67
Date	Indexed C. J. GALL

F. B. 3402 PG. 159

E



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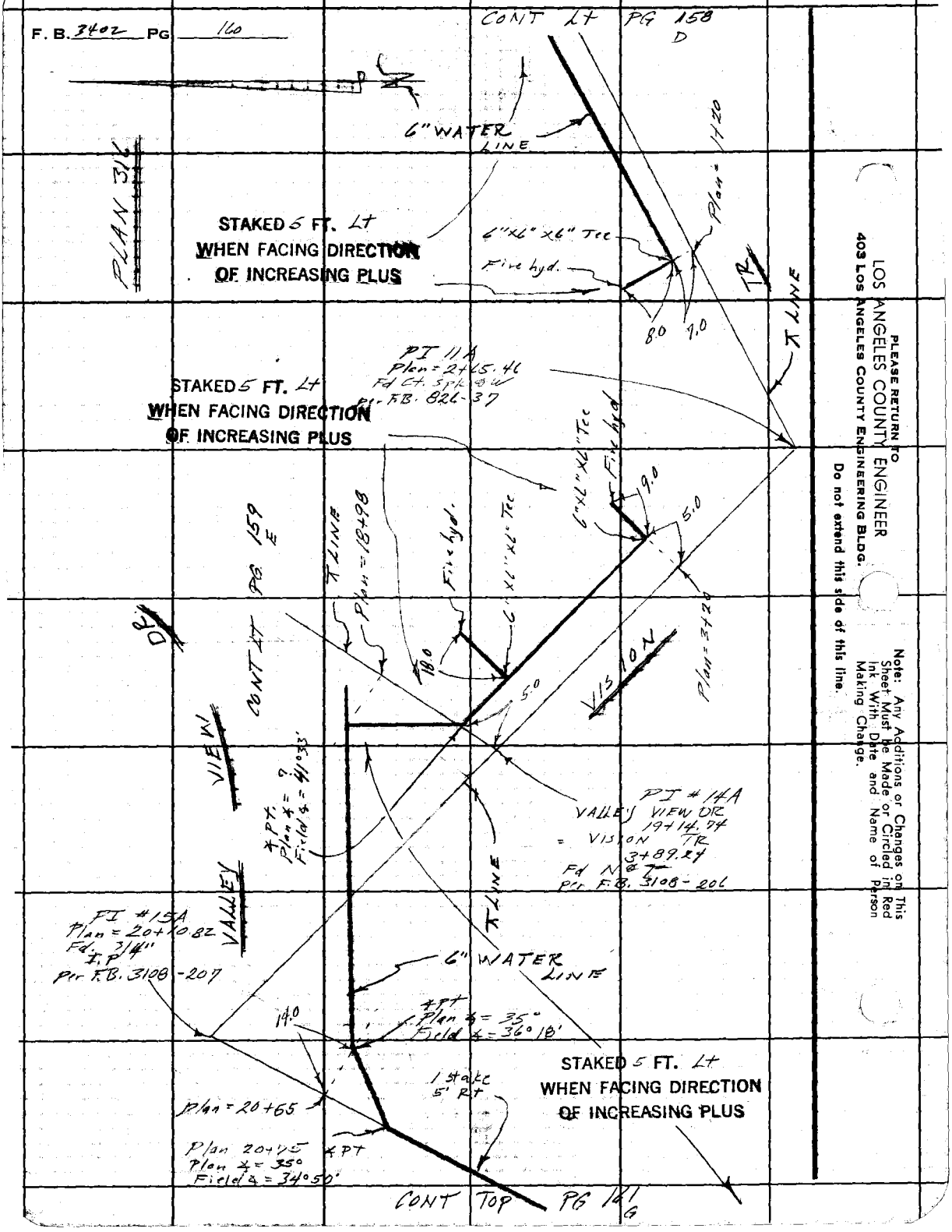
76F309S CE#310 1-65

F

F. B. 3402 PG 160



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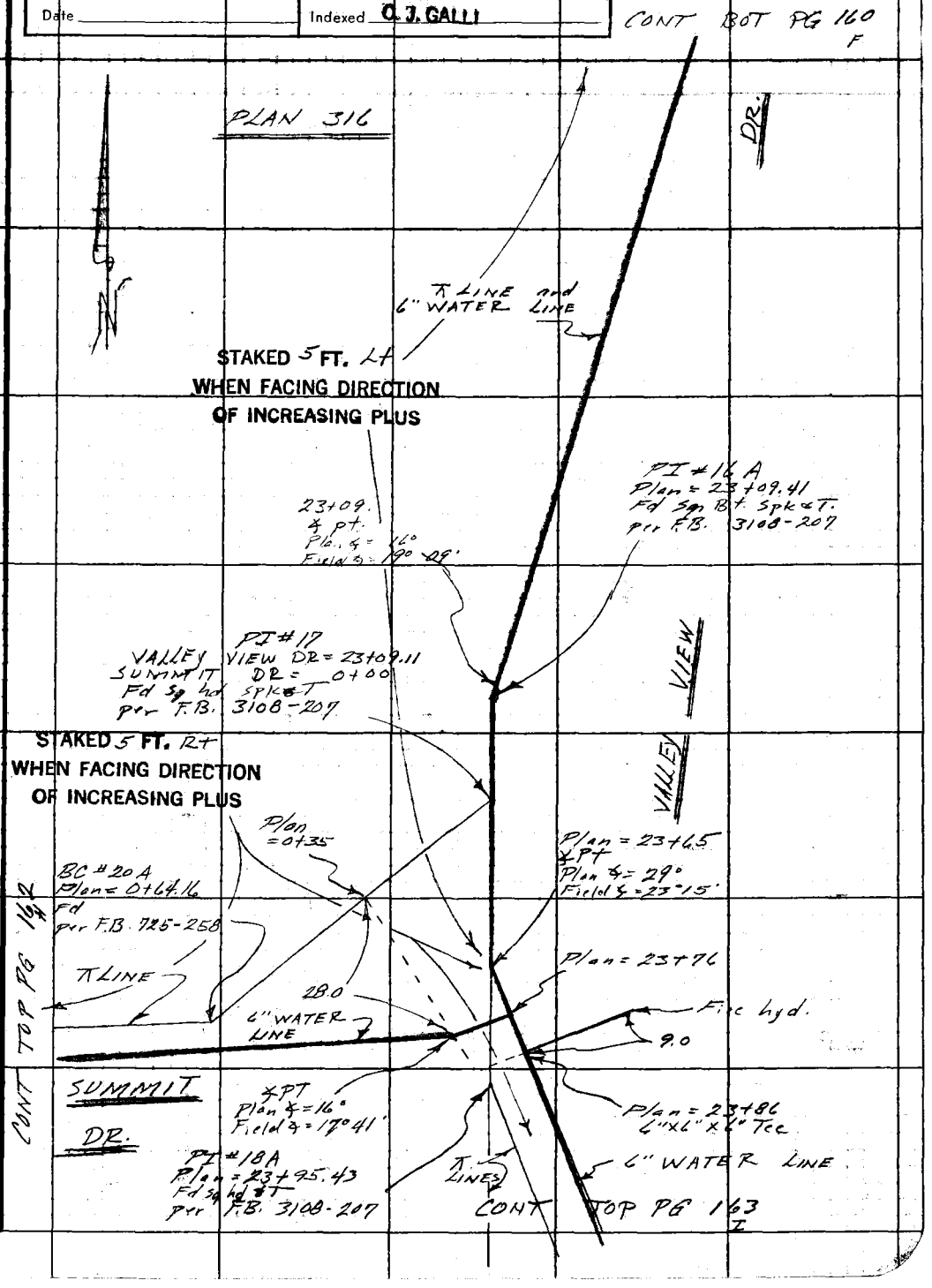
Notes Ck'd by	Survey of Topanga E Malibu Water Works
Map No.	JN 2215.16 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 30 June 67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 161



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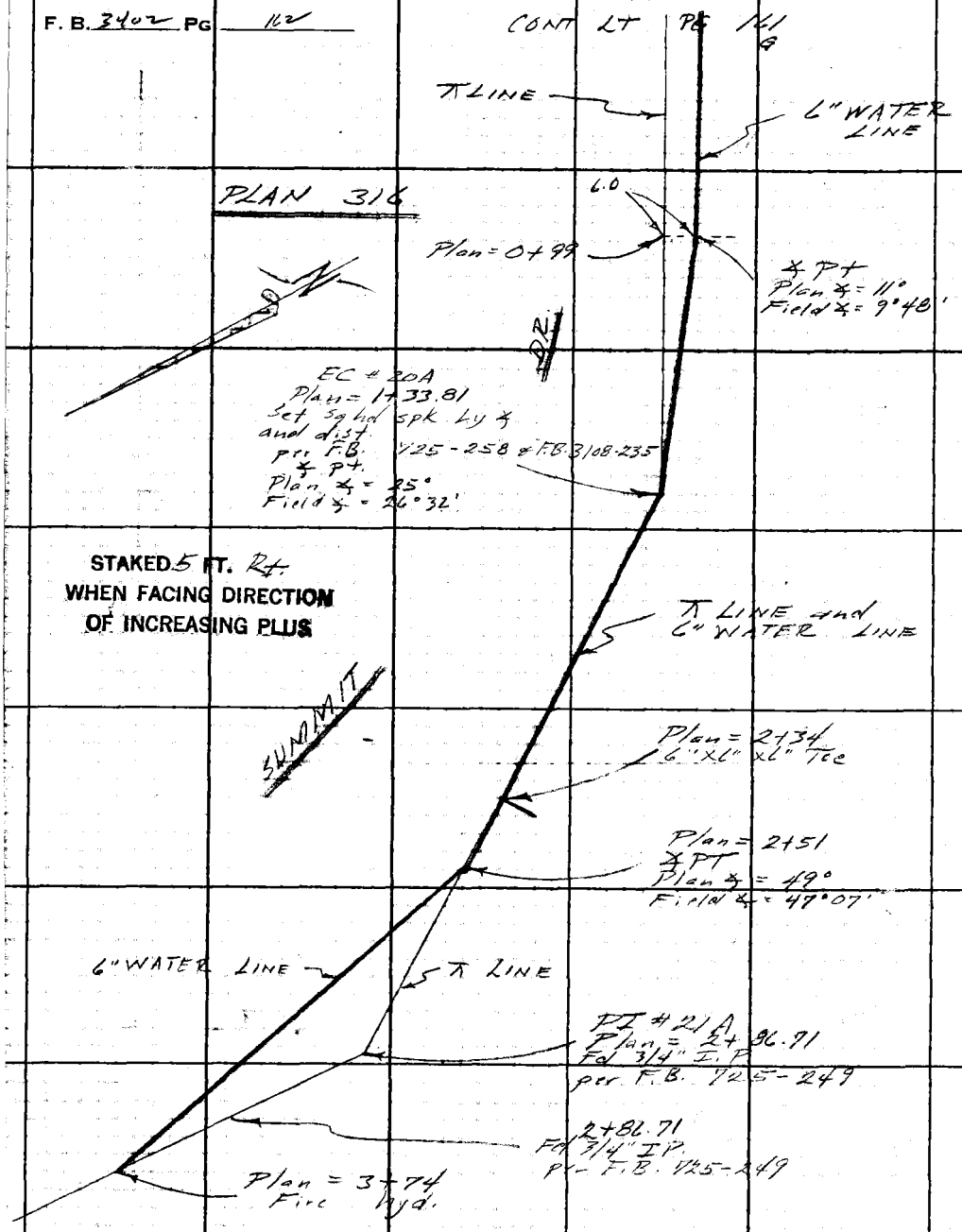
H

F. B. 3402 PG 162

CONT LT PG 161 A



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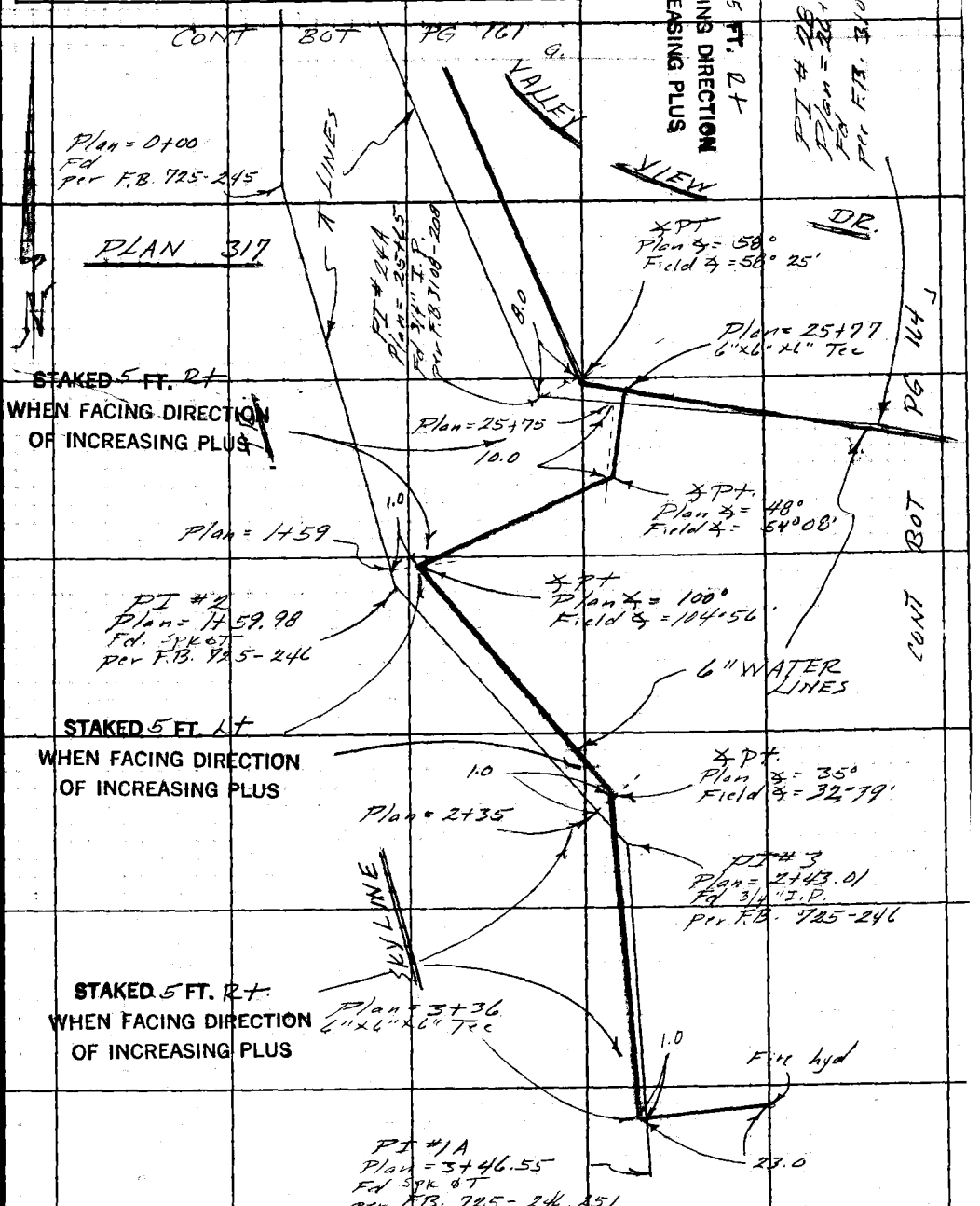
Notes Ck'd by	Survey of Tapanga E Mulilo Water Works
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 10 July 67
Date	Indexed C. J. GALLI

F. B. 3402 PG. 163



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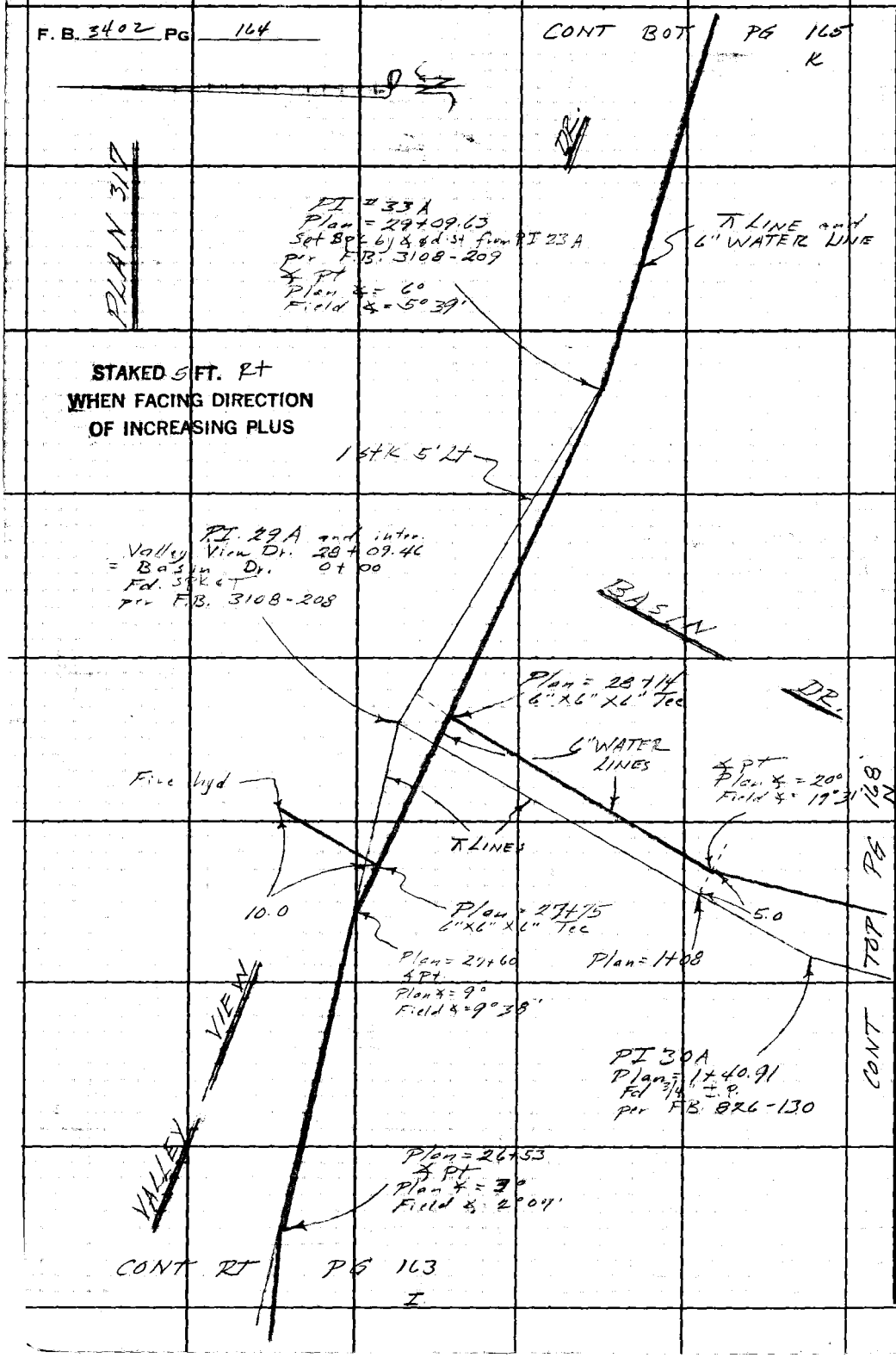
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3402 PG 164



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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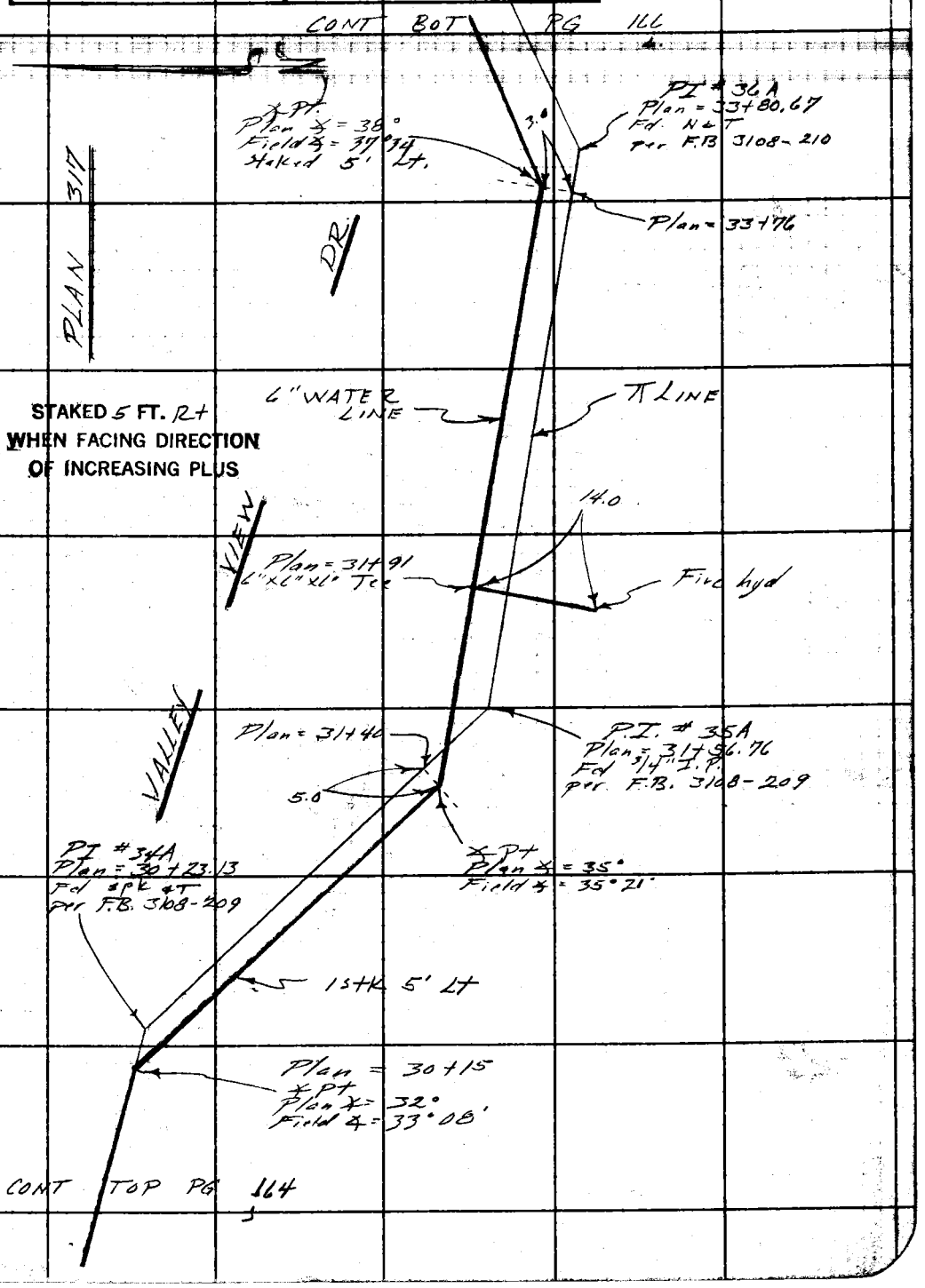
K

Notes Ck'd by	Survey of Topanga E. Malibu Water Works F.B. 3402 Pg. 165
Map No.	JN 2215.75 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 10 July 67
Date	Indexed C. J. GALLI



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PLEASE RETURN TO
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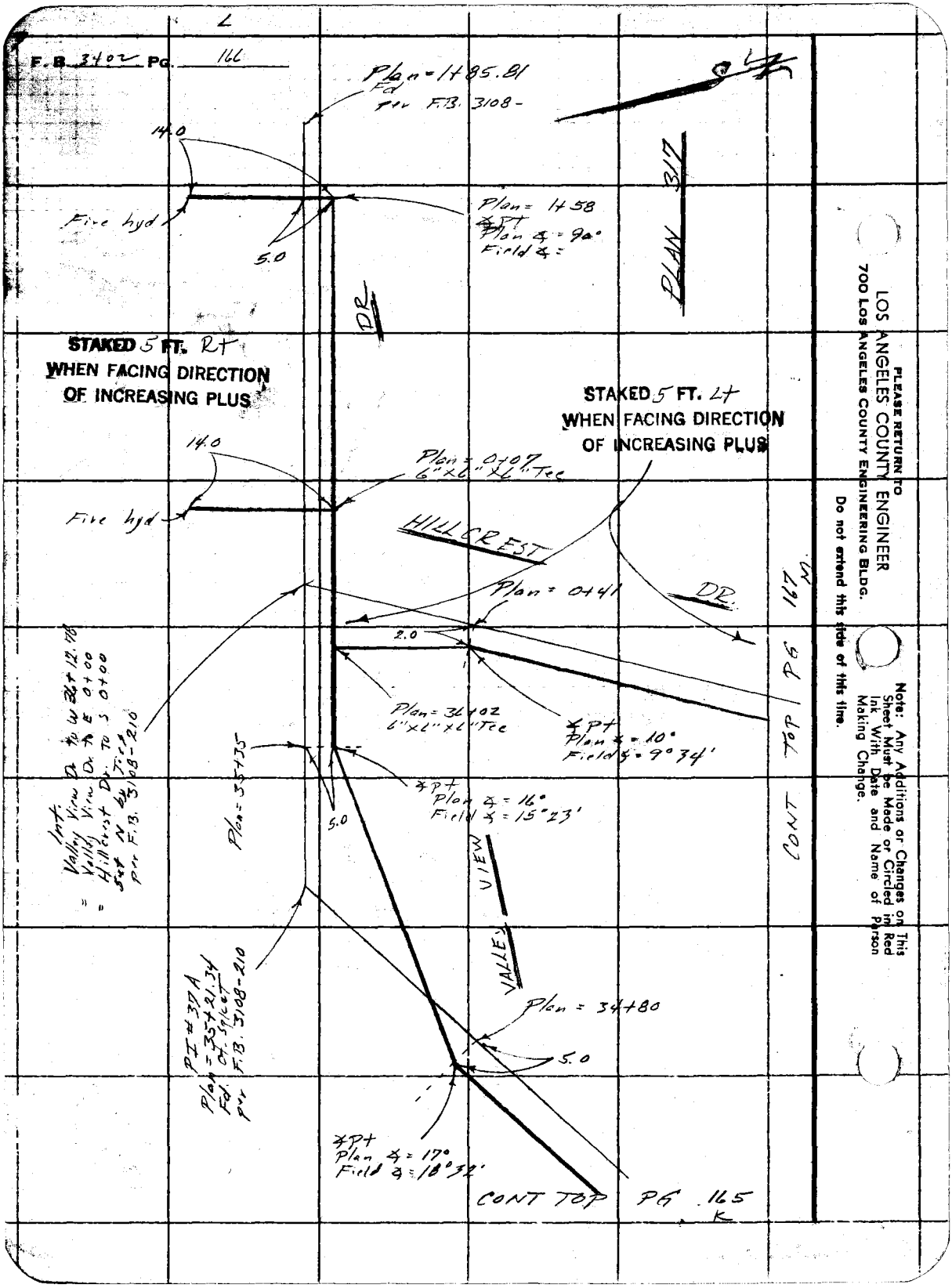
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58



F.B. 3402 Pg. 166
Plan = 1+85.81
Fd
per F.B. 3108-
14.0
Fire hyd
5.0
Plan = 1+58
∡Pt
Plan ∡ = 90°
Field ∡ =
PLAN 317
DR
STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS
STAKED 5 FT. Lt
WHEN FACING DIRECTION
OF INCREASING PLUS
14.0
Plan = 0+07
6"x6"x6" Tee
Fire hyd
HILLCREST
Plan = 0+41
DR.
2.0
Plan = 36+02
6"x6"x6" Tee
∡Pt
Plan ∡ = 10°
Field ∡ = 9°34'
Plan = 35+35
5.0
∡Pt
Plan ∡ = 16°
Field ∡ = 15°23'
Int.
Valley View Dr. to W 36+12.78
= Valley View Dr. to E 0+00
= Hillcrest Dr. to S 0+00
Set N by Ties
per F.B. 3108-210
VALLEY VIEW
PI #37A
Plan = 35+21.34
Fd. Ct. Sp/Cut
per F.B. 3108-210
Plan = 34+80
5.0
∡Pt
Plan ∡ = 17°
Field ∡ = 18°32'
CONT TOP PG 165
CONT TOP PG 167
PLEASE RETURN TO
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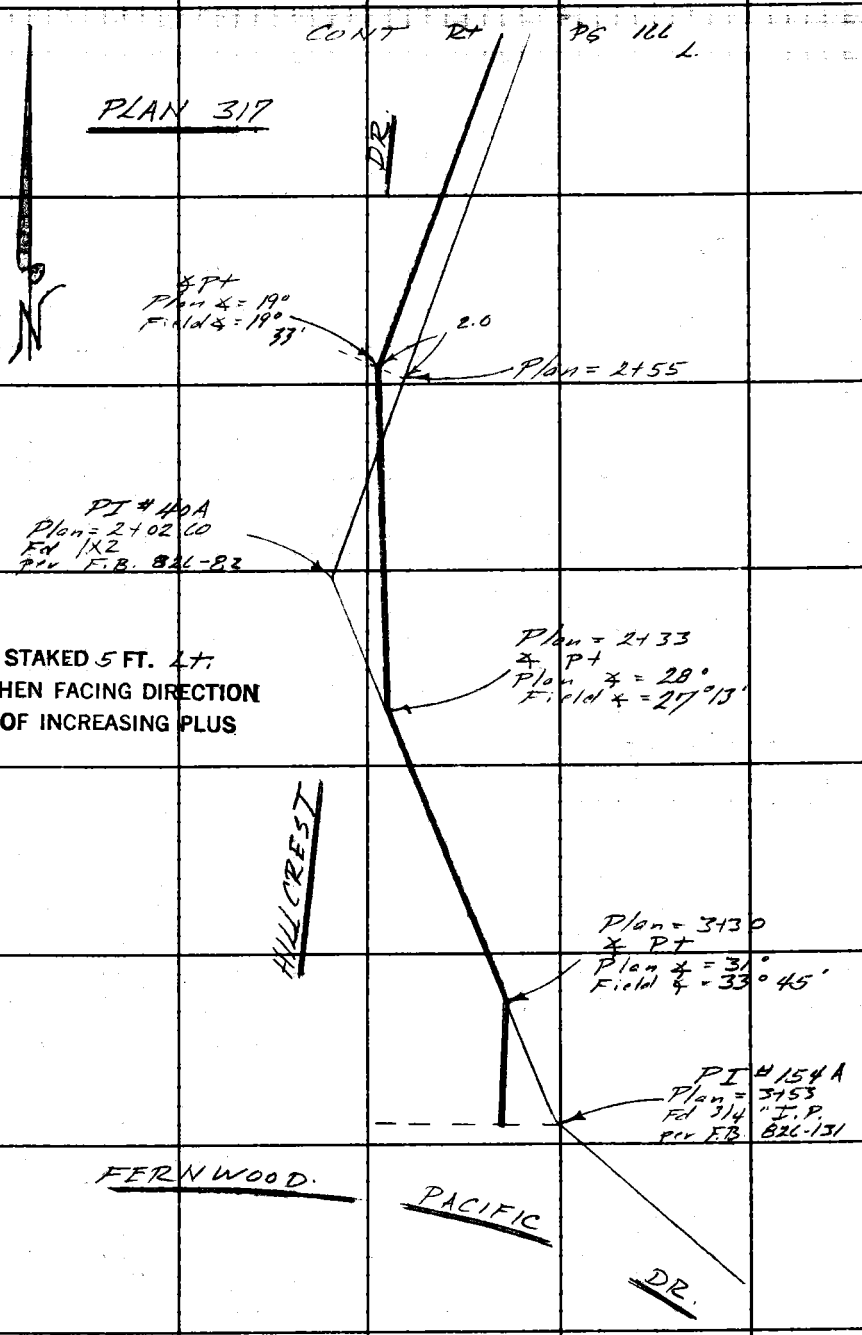
Notes Ck'd by	Survey of Topanga E. Malibu Water Works
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 10 July 67
Date	Indexed C.J. GALLI

F. B. 3402 PG. 167



STAKED 5 FT. Lt.
WHEN FACING DIRECTION
OF INCREASING PLUS

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

F. B. 3402 Pg. 168

CONT RT PG 164

PLAN 317

Plan = 2+02

4.0

∡ Pt
Plan ∡ = 10°
Field ∡ = 11° 27'

℄ LINE

6" WATER LINE

D.R.

4.0

Plan = 3+44

∡ Pt
Plan ∡ = 11°
Field ∡ = 10° 17'

PI # 31 A
Plan = 3+44.45
Fd Spk & T
per F.B. 826-130

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

BASIN

CONT TOP PG 169

PLEASE RETURN TO
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700 Los Angeles County Engineering Bldg.

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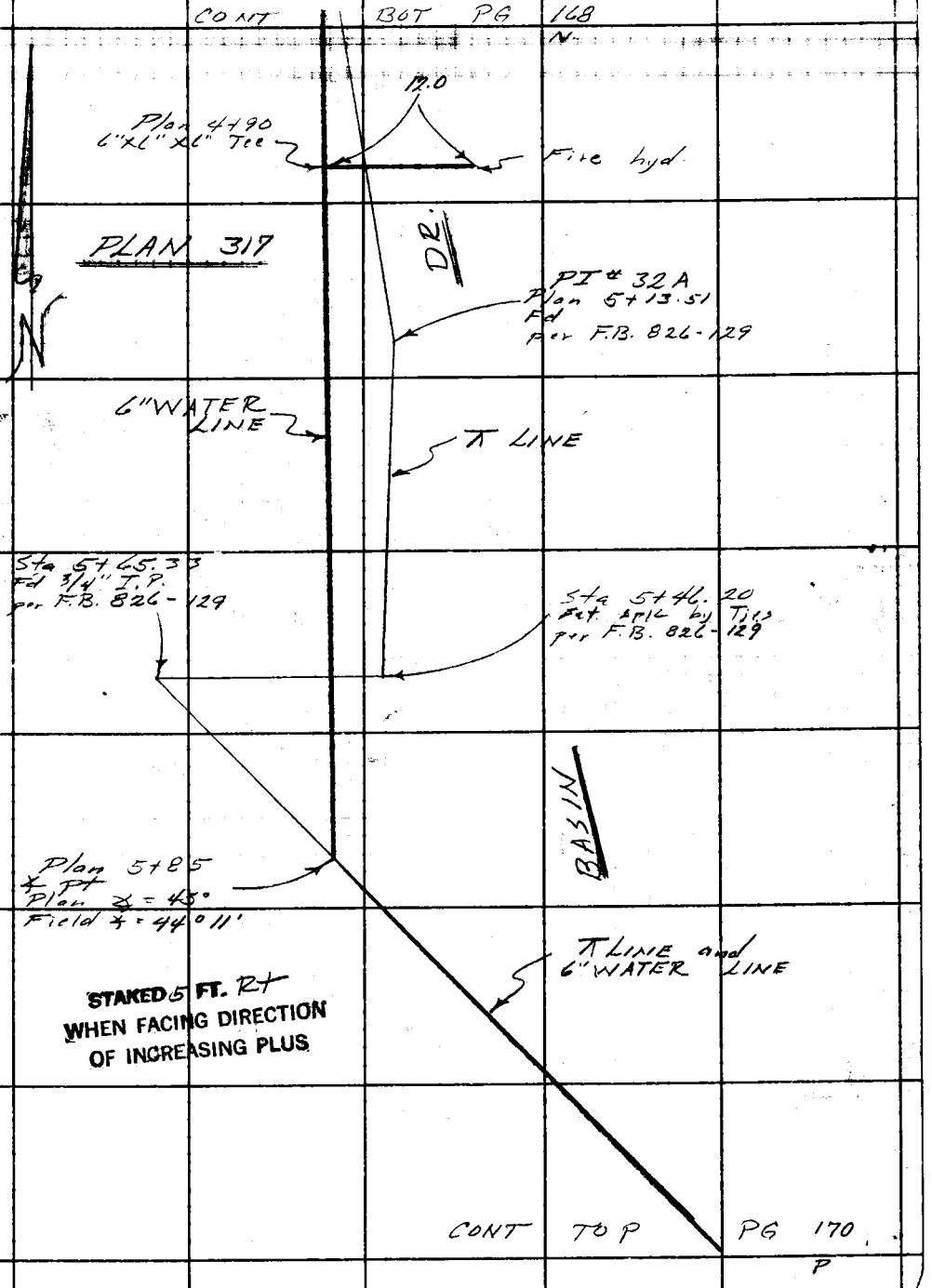
Notes Ck'd by	Survey of Topanga E. Malibu Water Works
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 11 July 69
Date	Indexed C.J. GALLI NOV 15 '69

F. B. 3402 PG. 169



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

P

F. B. 3402 Pg. 170

CONT ROT PG 169

℄ LINE and 6" WATER LINE

PT # 43A
Plan = 7+86.18
Fd SPK & T
per F.B. 826-42
∡ pt
Plan ∡ = 32°
Field ∡ = 31°07'

BASIN

PLAN 317

E.C. # 42
Plan = 7+67.35
Fd PK SPK
per F.B. 826-41

℄ LINE

Plan = 7+57
∡ pt
Plan ∡ = 26°
Field ∡ = 26°00'

Plan = 8+36

6" WATER LINE

1 STA. 5' Lt

∡ pt
Plan ∡ = 26°
Field ∡ = 25°58'

5.0

BC # 44
Plan = 7+67.34
Fd SPK & T
per F.B. 826-41

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

DR.

∡ pt
Plan ∡ = 40°
Field ∡ = 33°13'

6.0

℄ LINE

FERNWOOD

PACIFIC

DR.

PI # 41
Plan = 7+77.29
Fd
per F.B. 826-41

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Notes Ck'd by	Survey of ZUNIGA ROAD
Map No.	JN 2215.15 Tape 2.34 Std 84 °F
Office Work	Surveyed by RC DALE
Checked	Notes RCD Date 16 8 67
Date	Indexed C. J. GALLI DEC 6 '67

F.B. 3402 Pg. 171

ZUNIGA ROAD

JN 2215.15

NOV 8 1967

EASEMENT SURVEY FOR WATER LINES ON ZUNIGA ROAD

REF
F.B. 1117
2983
3103

PARTY
R.C. DALE
R.J. ALMANZAN
M.R. NEVAREZ
V.L. HUCKABY

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PLEASE RETURN TO
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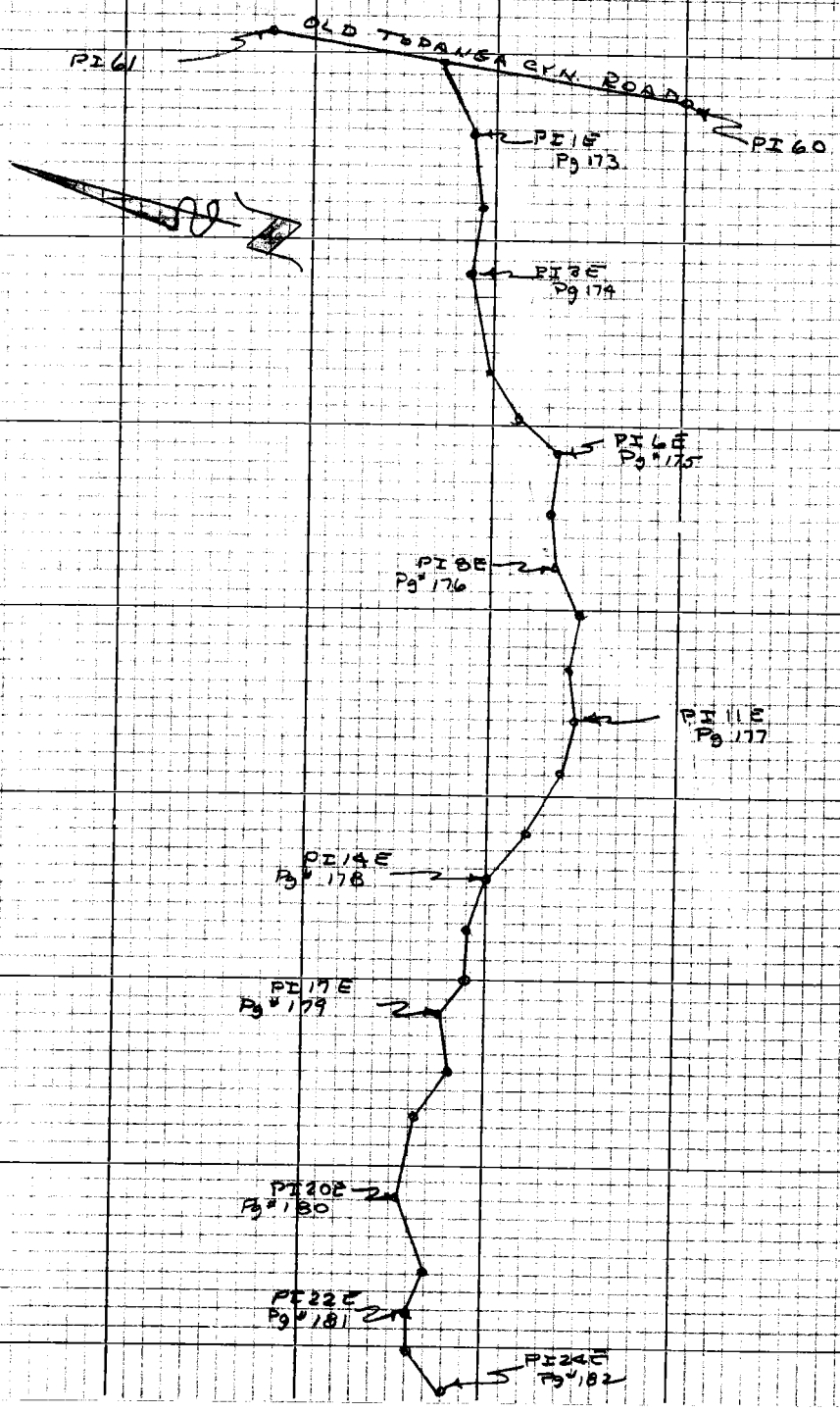
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 8-66

F.B. 3402 Pg. 172

INDEX



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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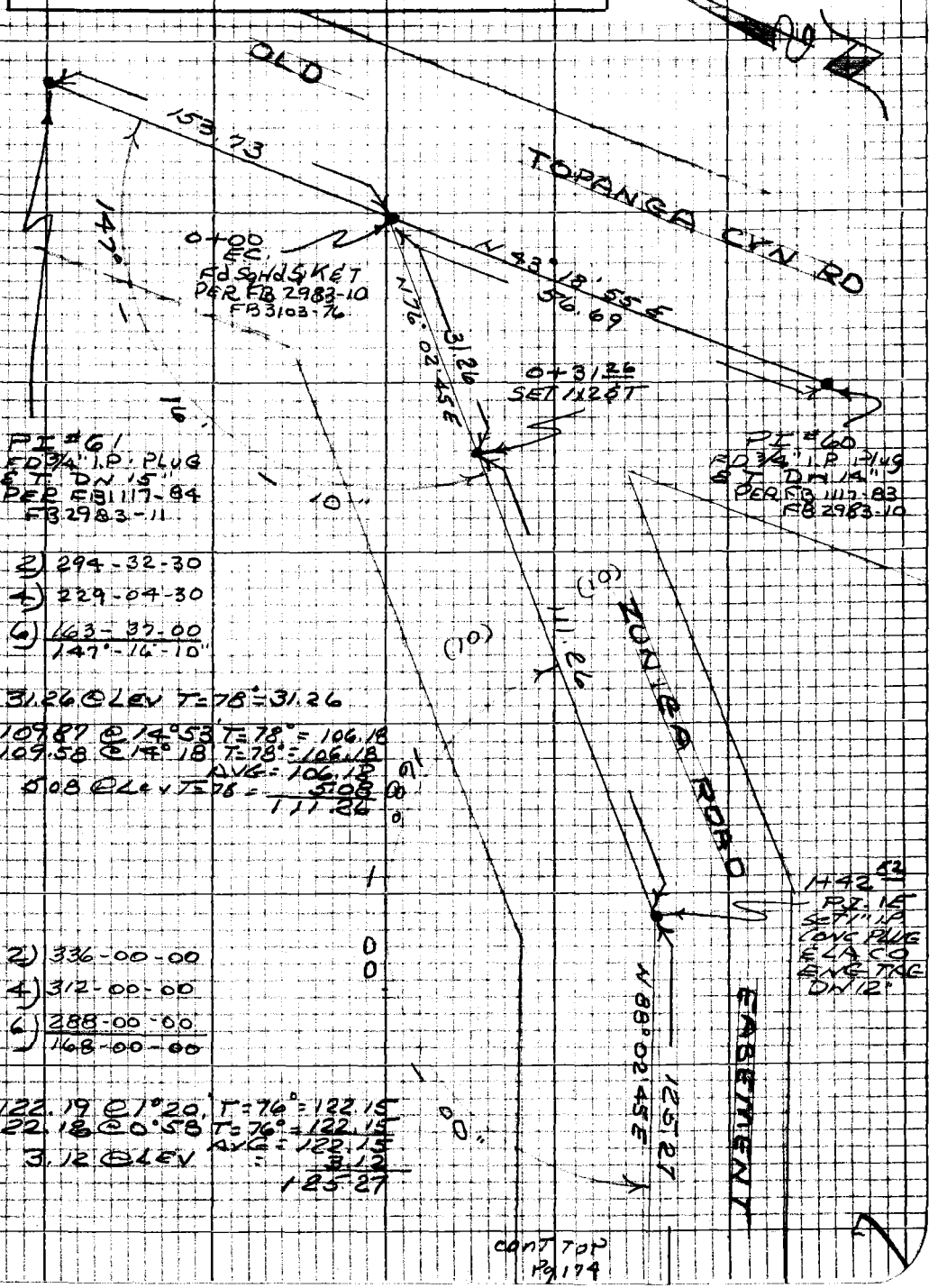
Note: Any Additions or Changes on this Sheet Must be Made on Circuit in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of ZUNIGA ROAD
Map No.	JN 2215.15 Tape 234 Std 84 °F
Office Work	Surveyed by R.C. DALE
Checked	Notes R.C.D. Date 11-8-67
Date	Indexed C. J. GALLI

F.B. 3402 Pg. 173



2) 294-32-30
4) 229-04-30
6) 163-37-00
147°-16'-10"

31.26 @ LEV T=78°=31.26

109.87 @ 14°53' T=78°=106.18
109.58 @ 14°18' T=78°=106.18
AVG=106.18
5.08 @ LEV T=78 = 5.08
111.26

2) 336-00-00
4) 312-00-00
6) 288-00-00
168-00-00

122.19 @ 1°20' T=76°=122.15
122.18 @ 0°58' T=76°=122.15
AVG=122.15
3.12 @ LEV = 3.12
125.27

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PLEASE RETURN TO
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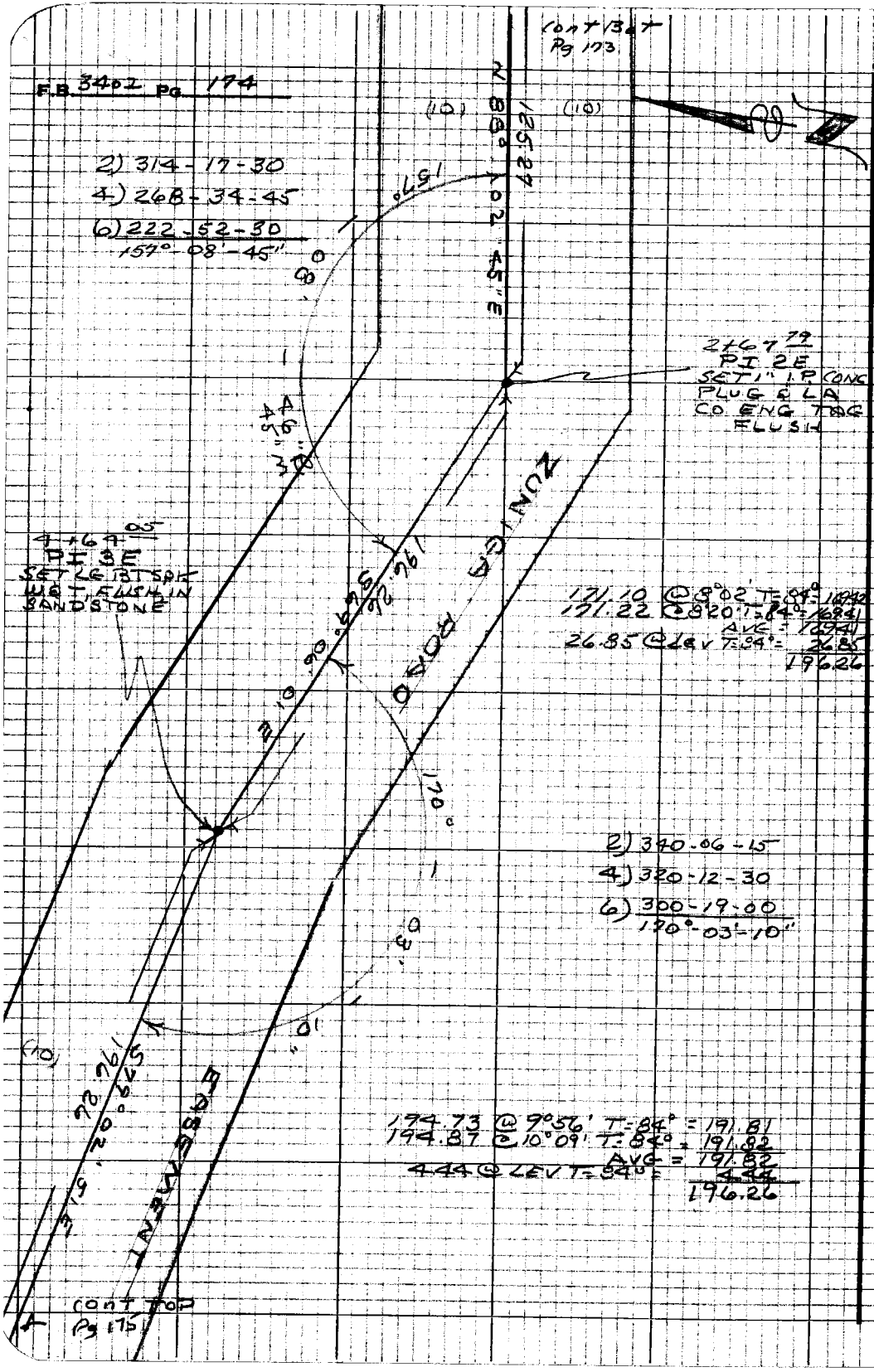
403 LOS ANGELES COUNTY ENGINEERING BLDG.

144-077 C.1

WS. 89 B. 2

76P3095 CK #310 5-66



PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of ZUNIGA ROAD
Map No.	IN 224.15 Tran 234 [illegible] °T
Office Work	Surveyed by R C DALE
Checked	Notes R.C.D. Date 1-9-67
Date	Indexed G. J. GALLI

F.B. 3402 Pg 175

CONT FROM Pg 174

℄ POINT ⊼ LINE
FD 3/4" I.P. PLUG
& L.S. TAG 2482
PER FB 3103-68

20°44'-10"

2) 41-28-30
4) 82-56-45
6) 124-25-00
20°-44'-10"

71.37 @ 2°14' T=82° = 71.32
71.41 @ 2°55' T=82° = 71.32
AVG = 71.32

2) 305-00-45
4) 250-01-20
6) 195-02-10
152°-30'-22"

G4GO 31
PI 4+6
SET LG BT SPK WET
IN SANDSTONE
DN 8"

2) 318-17-30
4) 226-34-45
6) 219-51-45
156°-38'-37"

2) 275-07-30
4) 190-15-00
6) 105-22-30
137°-23'-45"

100.00 @ 5°51' T=84° = 99.47
100.06 @ 6°11' T=84° = 99.47
AVG = 99.47
3.23 @ LEV = 3.23
102.70

7+10 53
PI 6+6
SET LG BT SPK WET
IN SANDSTONE
DN 4"

7+66 24
PI 6+6
SET LG BT SPK WET
IN SANDSTONE
DN 3"

44.70 @ 3°52' T=86° = 47.59
47.81 @ 3°28' T=86° = 47.59
47.59
2.63 @ LEV = 2.63
50.22

℄ POINT ⊼ LINE
FD 3/4" I.P. PLUG
& L.S. TAG # 2482
FLUSH
PER FB 3103-66

21.13

21.13 @ LEV T=84° = 21.13

2) 225-11-30
4) 90-23-15
6) 315-34-45
112°-35'-48"

78.79 @ 7°29' T=82° = 78.12
78.66 @ 6°40' T=82° = 78.13
AVG = 78.13
9.26 @ LEV = 9.26
87.39

ZUNIGA RD EASEMENT

CONT FROM Pg 176

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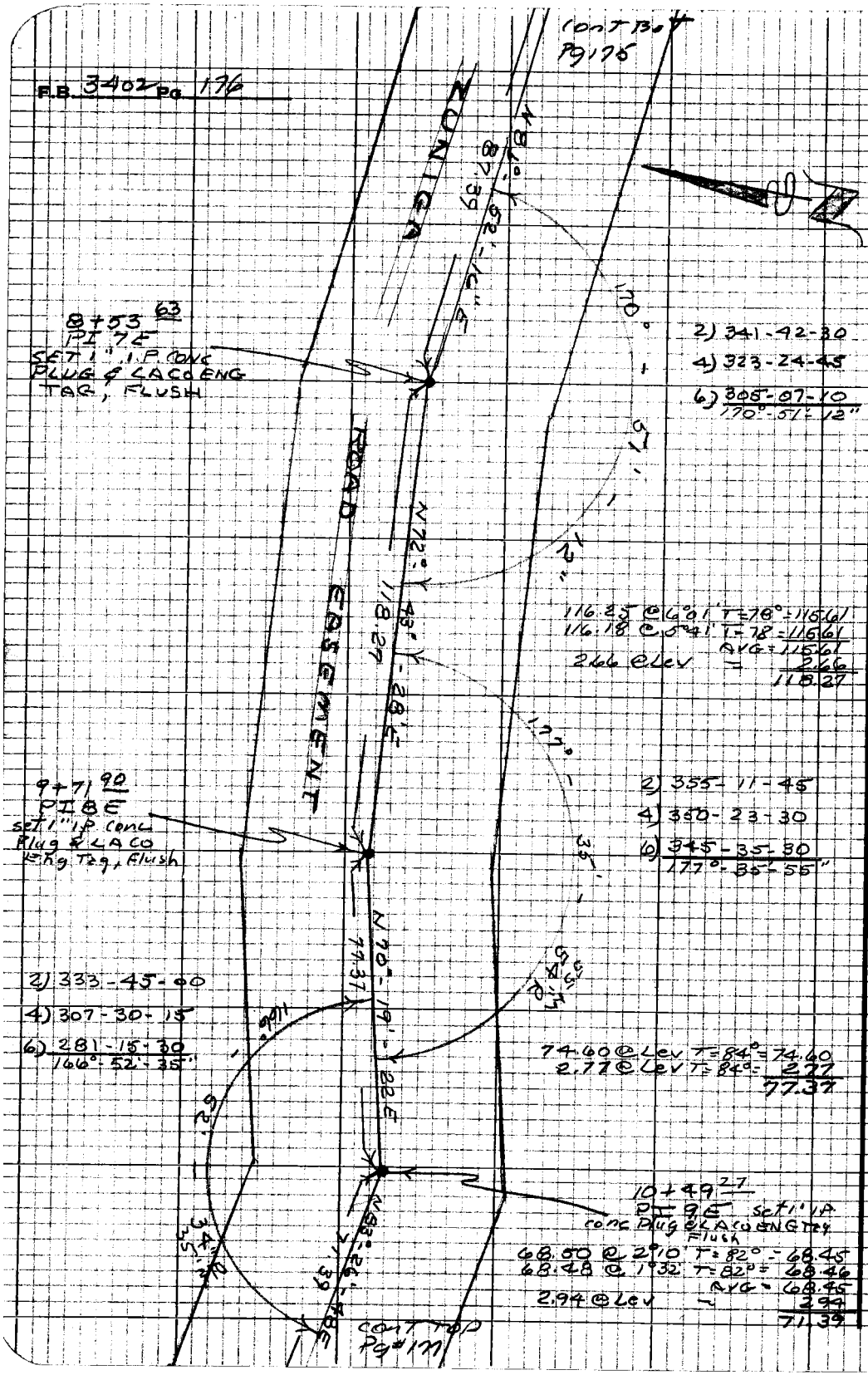
7-62-008 CK #310 5-68

F.B. 3402 Pg 176



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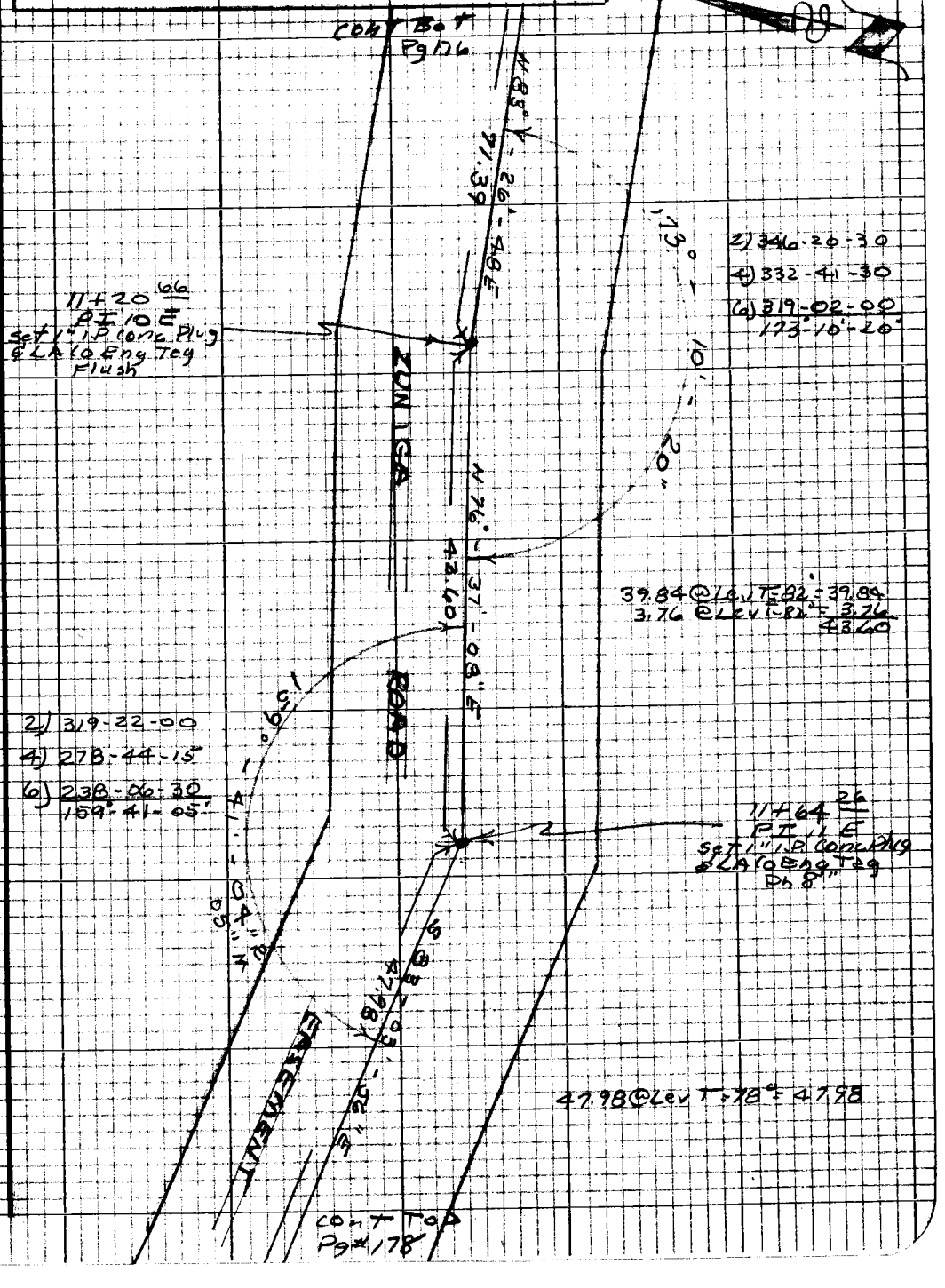
Notes Ck'd by	Survey of ZUNIGA ROAD
Map No.	JN 2215.5 Tape 234 Std 84 °F
Office Work	Surveyed by RCDALE
Checked	Notes RCD Date 11-10-67
Date	Indexed C. J. GALLO

F.B. 3402 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

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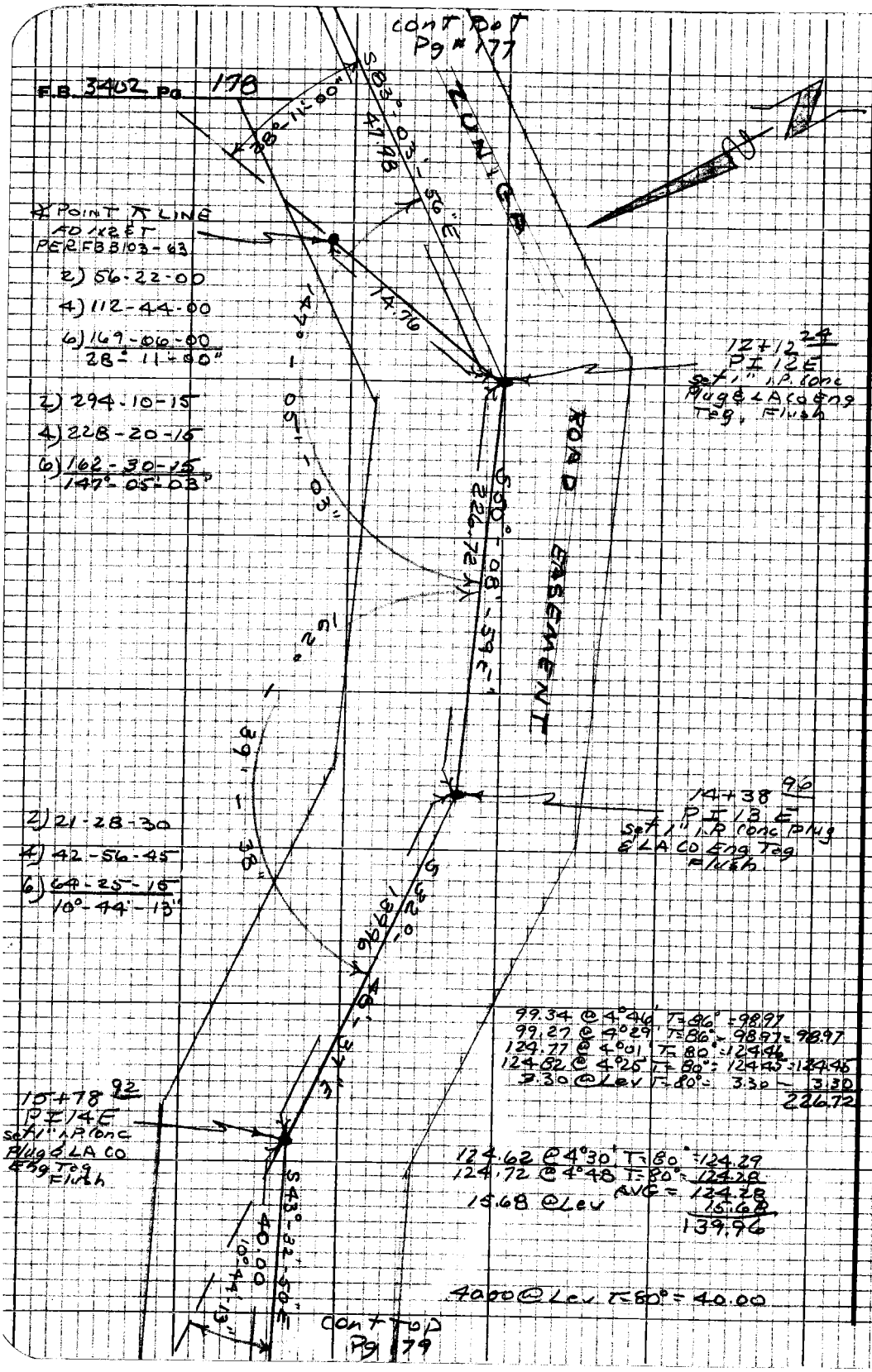
76P3098 CK #310 5-66



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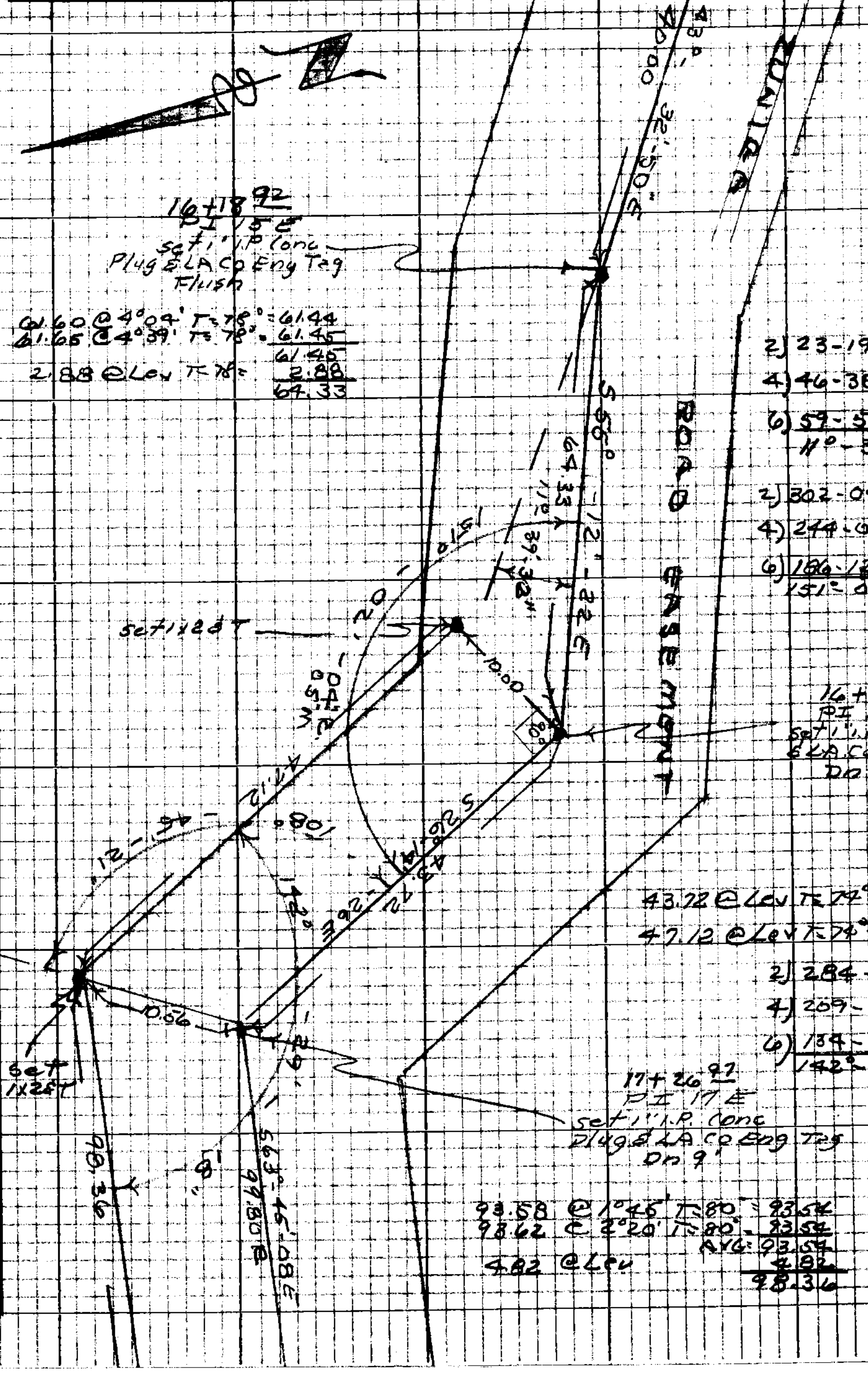
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Zuniga Road
JN 2416.15 Tape 234 at 84 °F
Surveyed by R. C. Dale
Notes R.C.D. Date 11-13-67
L. J. GALLI
Indexed

F.B. 3402 Pg. 179

cont # 150 Pg #



61.60 @ 4°04' T=78° = 61.44
61.65 @ 4°39' T=78° = 61.45
61.45
2.88 @ Lev T=78° = 2.88
64.33

2) 23-19-00
4) 46-38-15
6) 59-57-15
11°-39'-33"

2) 302-04-15
4) 244-08-15
6) 186-12-30
151°-02'-05"

43.72 @ Lev T=74° = 43.72
47.12 @ Lev T=74° = 47.12

2) 284-08-30
4) 209-57-00
6) 134-55-45
142°-29'-18"

93.58 @ 1°45' T=80° = 93.54
93.62 @ 2°20' T=80° = 93.54
AVG: 93.54
4.82 @ Lev 4.82
98.36

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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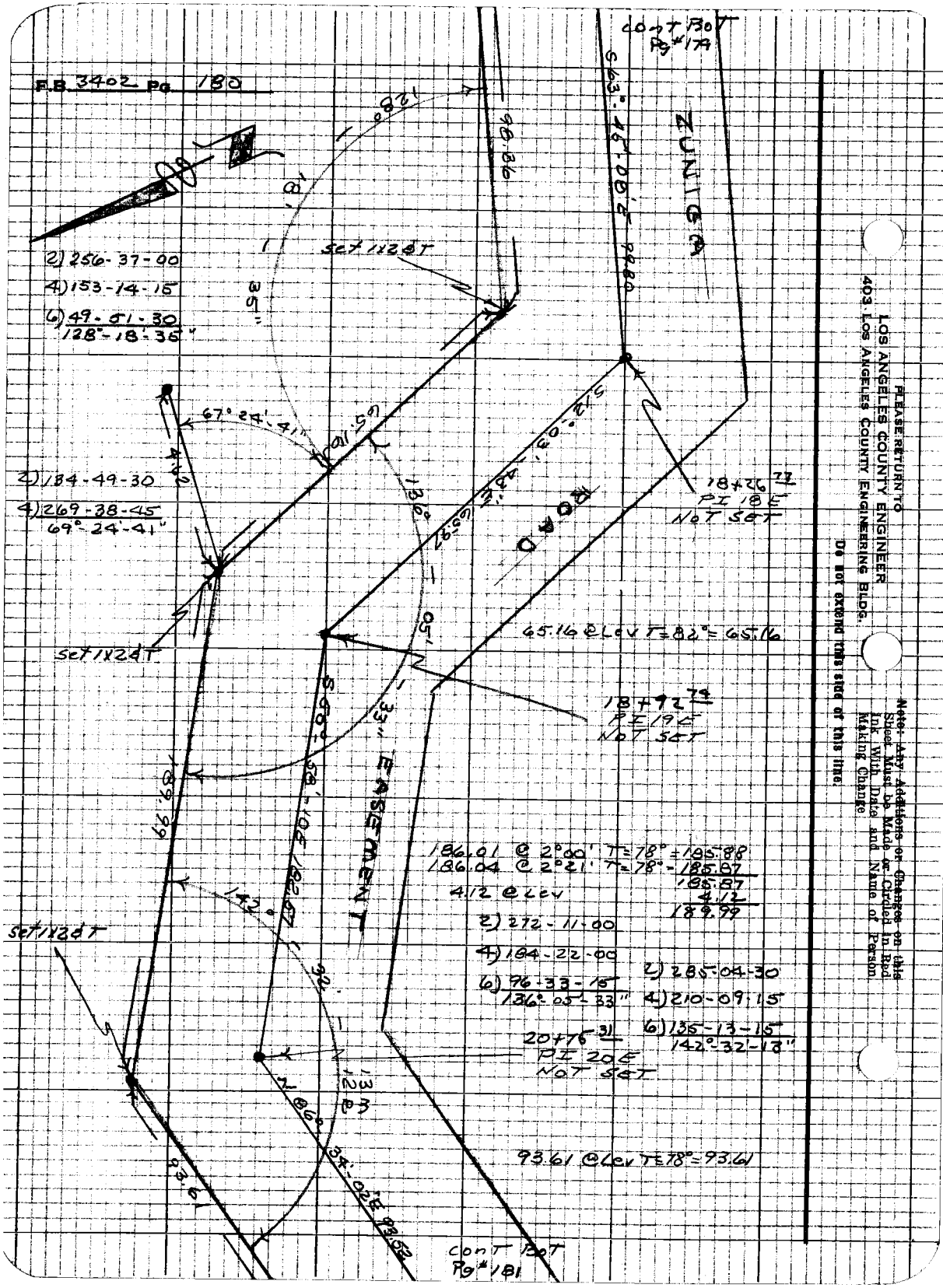
76P5098 CK #510 8-66

F.B. 3402 PG. 180



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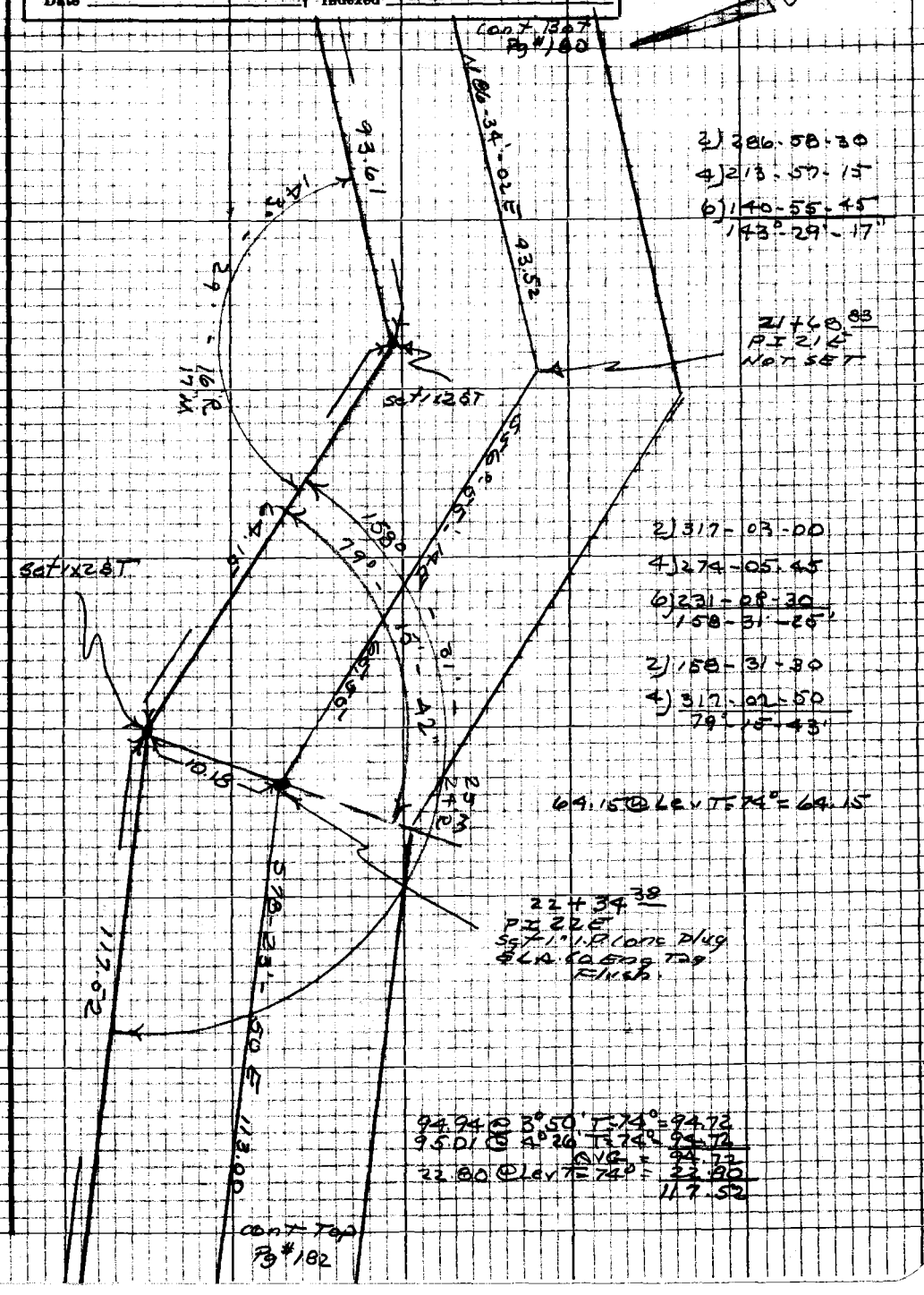
Notes Ck'd by	Survey of ZUNIGA ROAD	F.B. 3402 Pg. 181
Map No.	JN 22 15 15 Tape 234 Std 84 °F	
Office Work	Surveyed by R.C. DALE	
Checked	Notes R.C.D. Date 11-16-67	
Date	Indexed C. J. GALLI	



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

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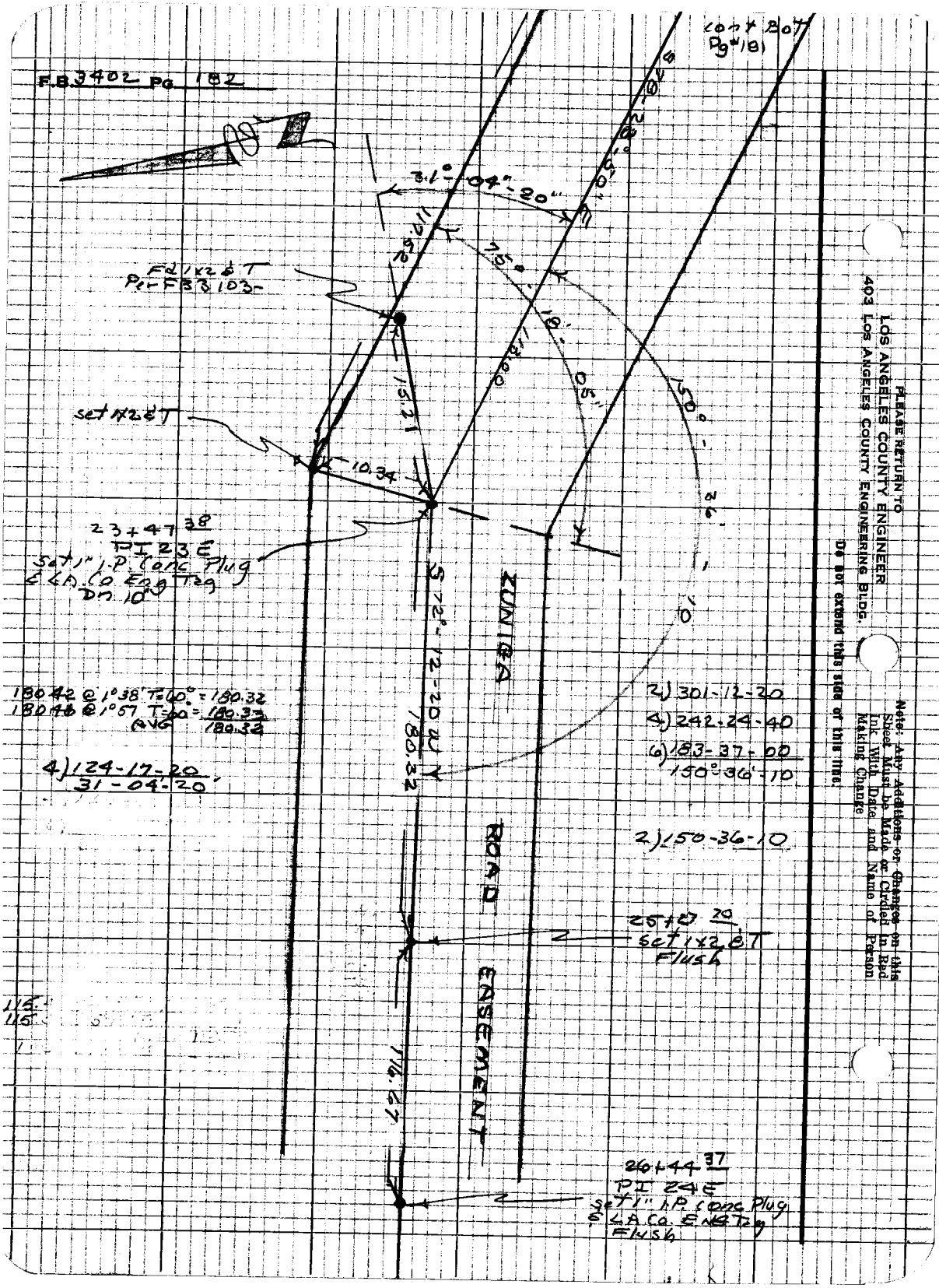
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 8-66


F.B. 3402 Pg. 182
Cont Bot Pg #181
31°-04'-20"
Fd 1x2 & T Per F.B. 3103
set 1x2 & T
10.34
23+47 38
PI 23 E
Set 1" I.P. Conc Plug & L.A. Co Eng Tag Dn 10
180.42 @ 1°38' T=60° = 180.32
180.48 @ 1°57 T=60° = 180.33
AVG 180.32
4) 124-17-20
31-04-20
2) 301-12-20
4) 242-24-40
6) 183-37-00
150°-36'-10
2) 150-36-10
ZUNIGA ROAD EASEMENT
25+27 20
Set 1x2 & T Flush
26+44 37
PI 24 E
Set 1" I.P. Conc Plug & L.A. Co. Eng Tag Flush
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Notes Ck'd by	Survey of ZUNIGA ROAD	F.B. 3402 Pg. 183
Map No.	JN 2215.15 Tape 234 Std 84°F	
Office Work	Surveyed by R C DALE	
Checked	Notes R C D Date 10-28-67	
Date	Indexed C. J. GALLI DEC 6 67	

ZUNIGA ROAD

JN 2215.15

NOV 28 1967

LOCATION OF 6" WATER MAIN
IN EASEMENT ON ZUNIGA ROAD

REF
FB3402-171-182

PARTY
RC DALE
R.J. ALMANZAN
M.R. NEVAREZ
V.L. HUCKABY

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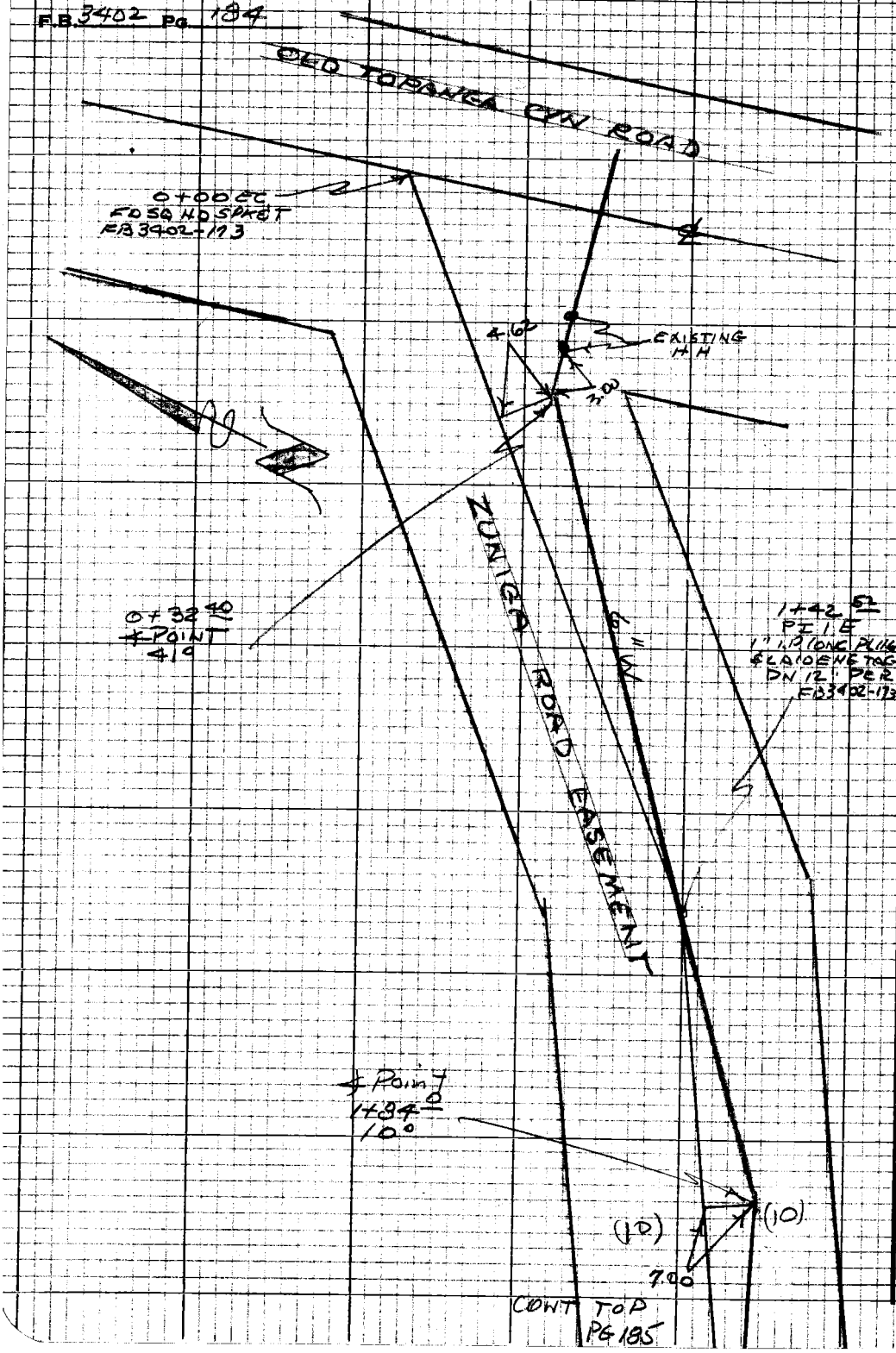
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3093 CK #310 5-66

F.B. 3402 PG 184



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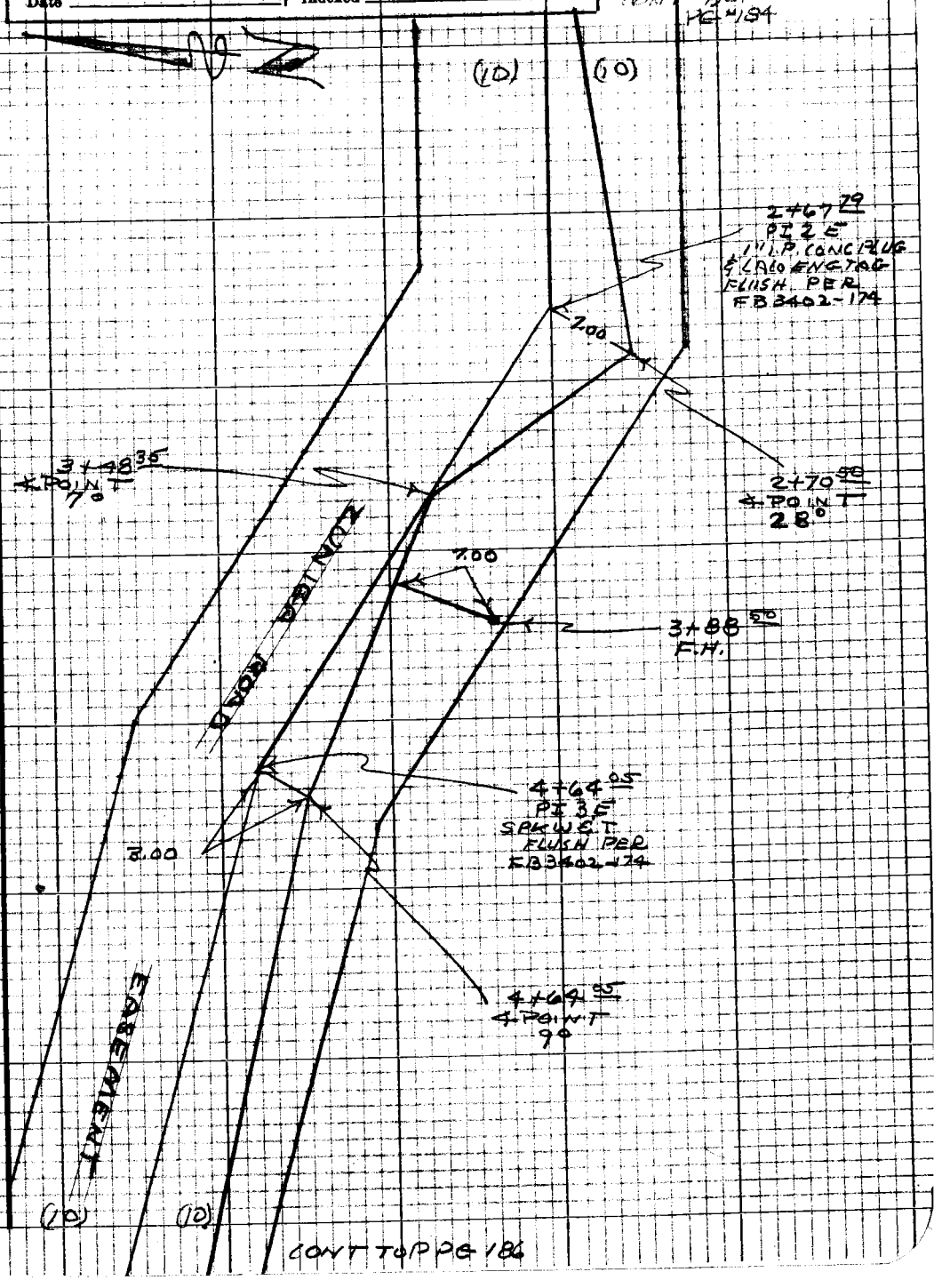
Notes Ck'd by	Survey of ZUNIGA ROAD
Map No.	IN 22 S.U. Tape 234 Std. 84°F
Office Work	Surveyed by R C DALE
Checked	Notes RCD Date 11-4-67
Date	Indexed C. J. GALLI

F.B. 3402 Pg. 185



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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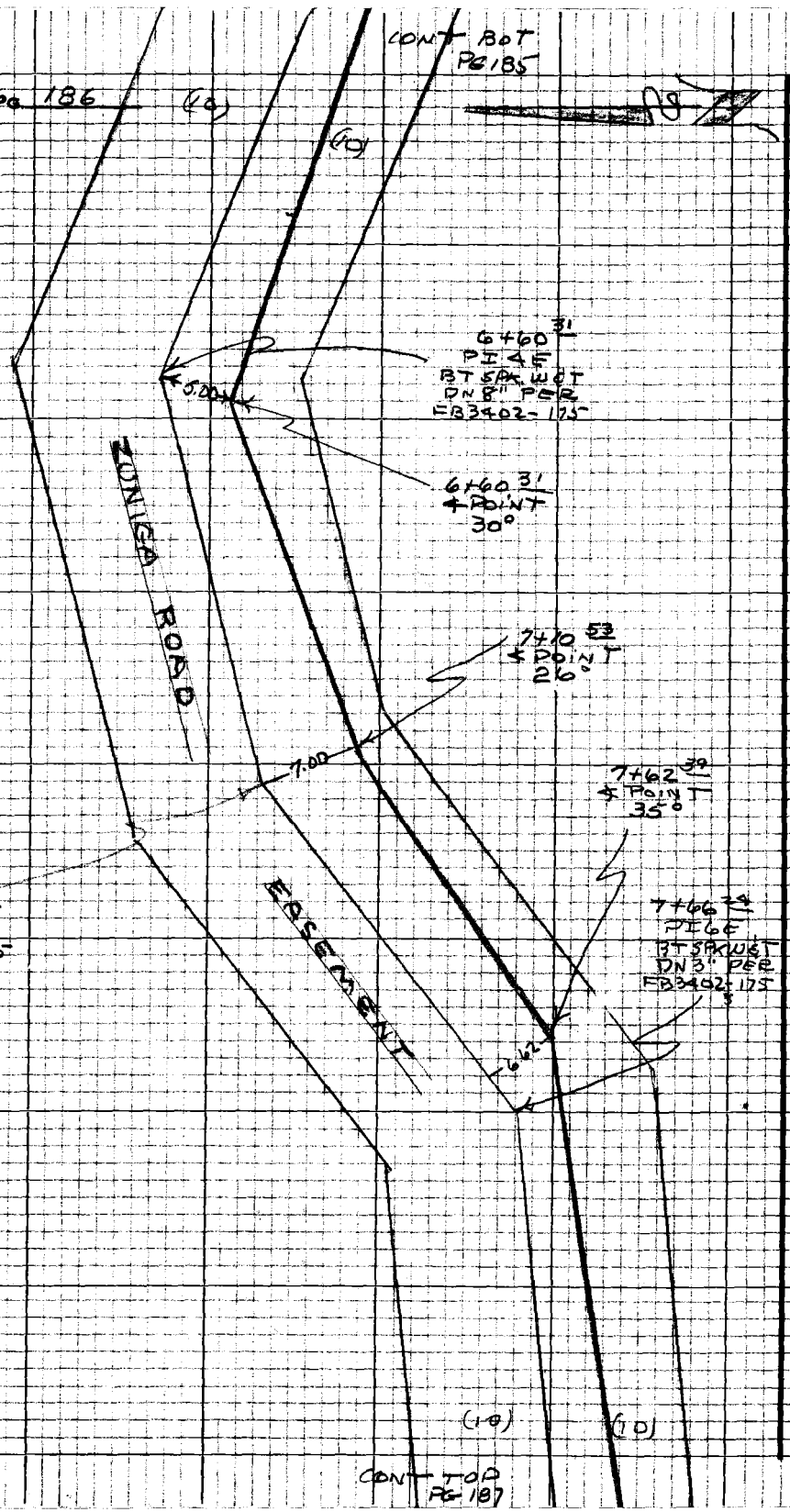
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CK #310 5-66

CONT BOT PG 185



CONT TOP PG 187

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403 Los Angeles County Engineering Bldg.
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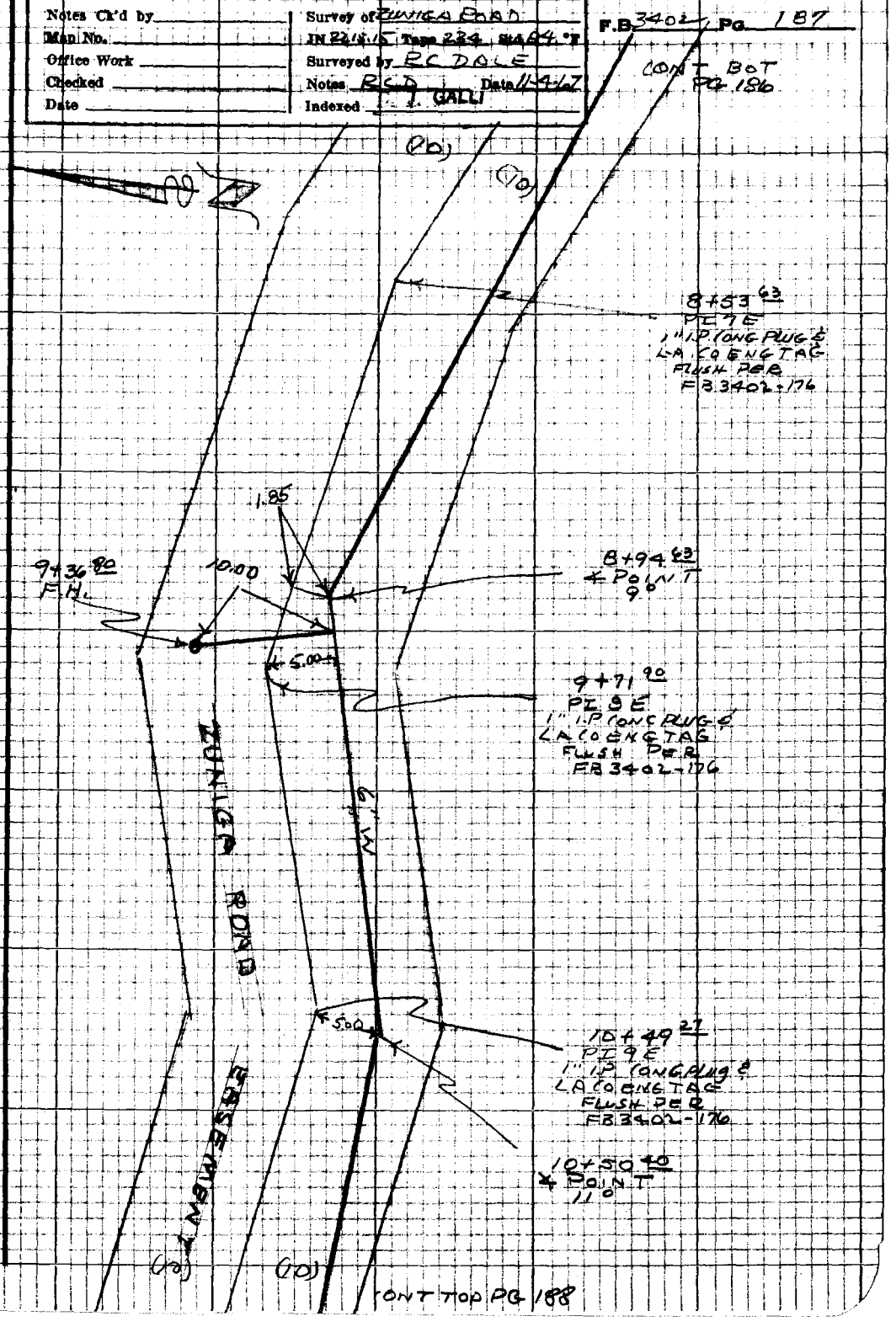
Notes Ck'd by	Survey of ZUNIGA ROAD	F.B. 3402 PG. 187
Map No.	IN 2215.15 Tape 234 Std 84 °F	
Office Work	Surveyed by RC DALE	
Checked	Notes RCD Date 11-4-67	
Date	Indexed J. GALLI	

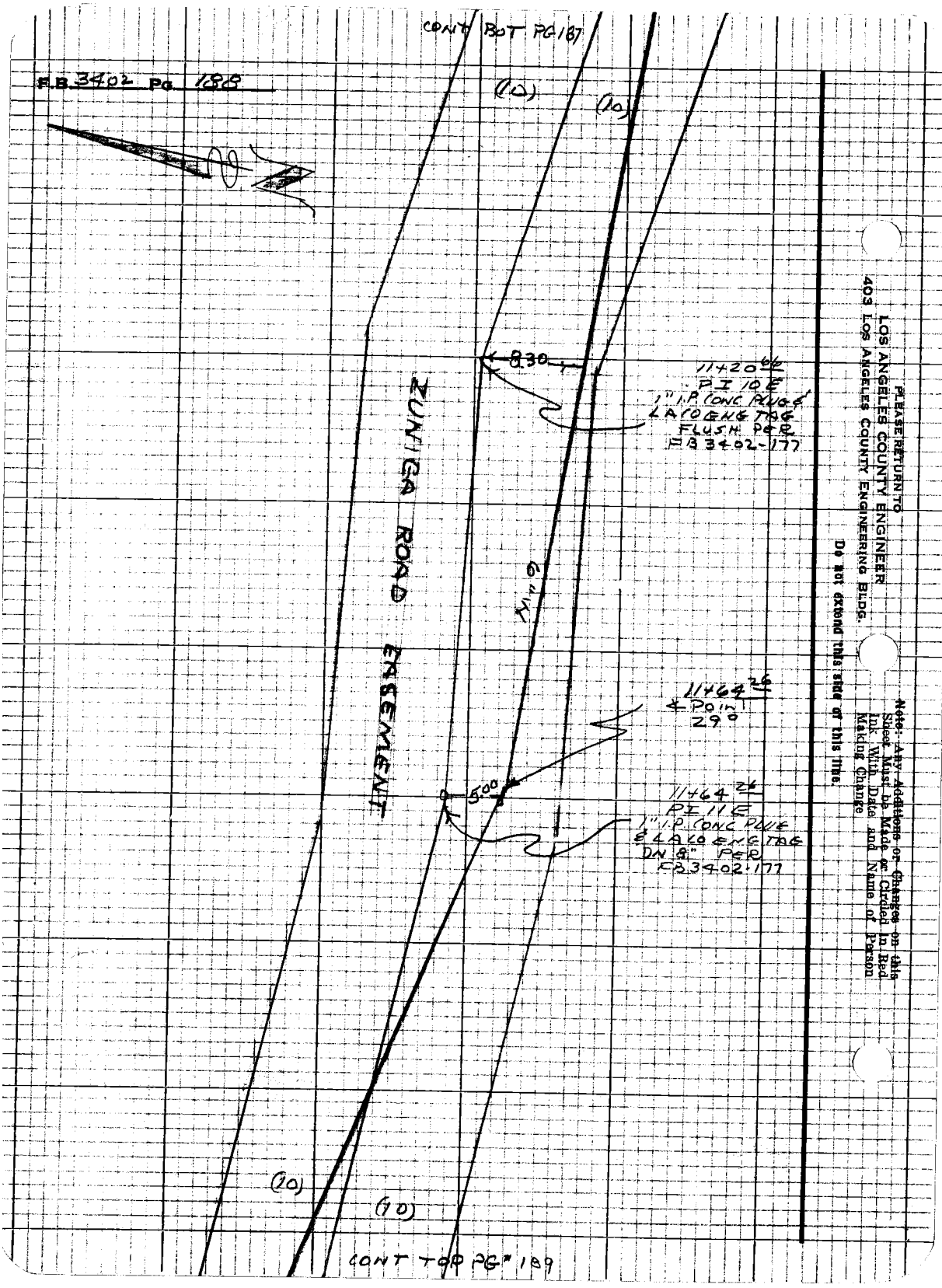


Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Do not extend this side of this line.

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

76P309B CE #310 5-66


CONT BOT PG 187
F.B. 3402 PG. 188
(10)
(10)
8.30
11+20.66
PI 10 E
1" I.P. CONC PLUG &
LACO ENG TAG
FLUSH PER
FB 3402-177
ZUNIGA ROAD EASEMENT
6" W
11+64.26
℄ POINT
29°
5.00
11+64.26
PI 11 E
1" I.P. CONC PLUG
& LACO ENG TAG
DN 8" PER
FB 3402-177
(10)
(10)
CONT TOP PG# 189
PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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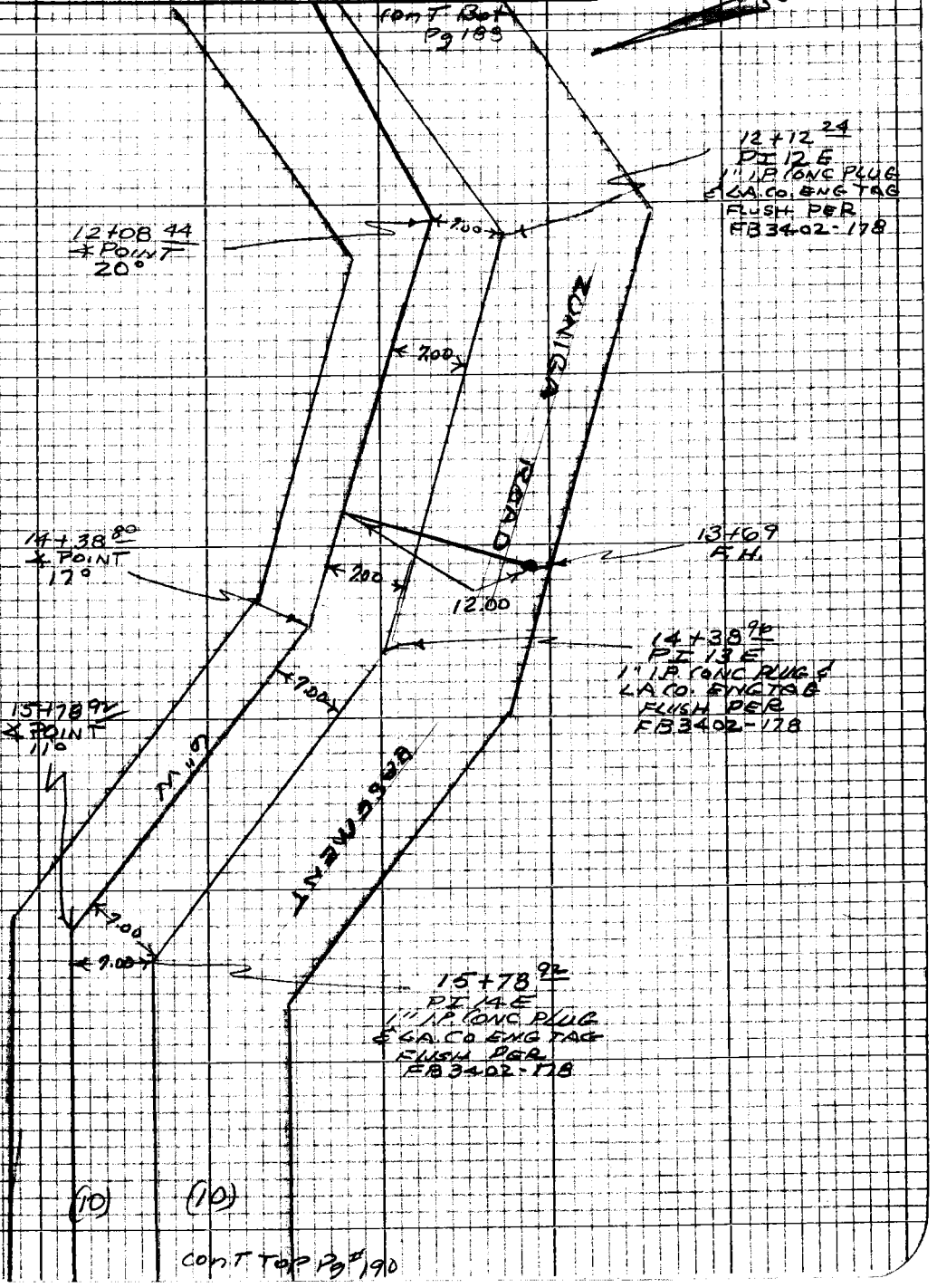
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of ZUNIGA ROAD
Map No.	JN 22-15-15 Tape 234 Std 84°F
Office Work	Surveyed by RCDALE
Checked	Notes RCD Date 12-1-67
Date	Indexed C. J. GALL

F.B. 3402 Pg 189



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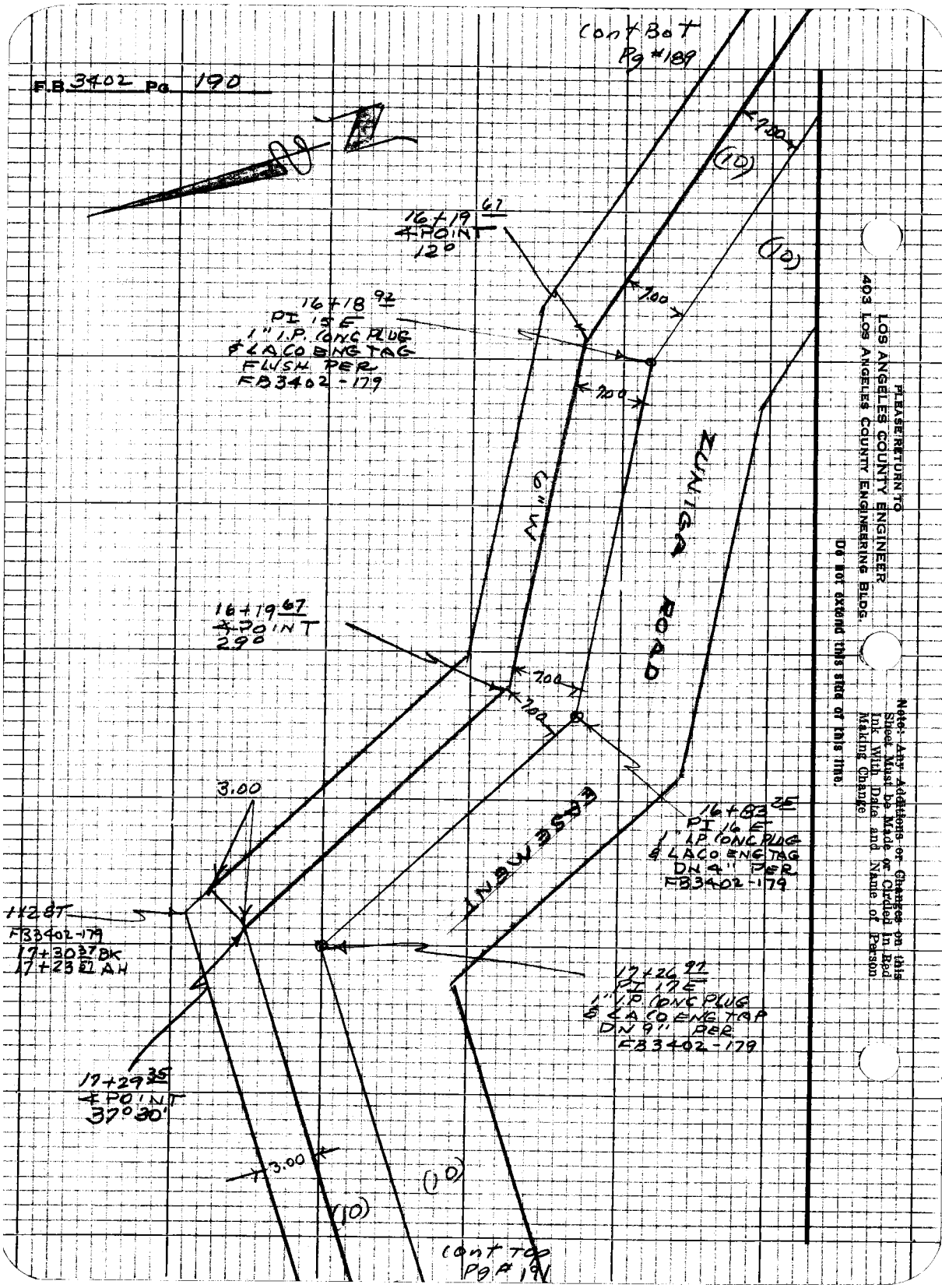
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CK #310 5-68



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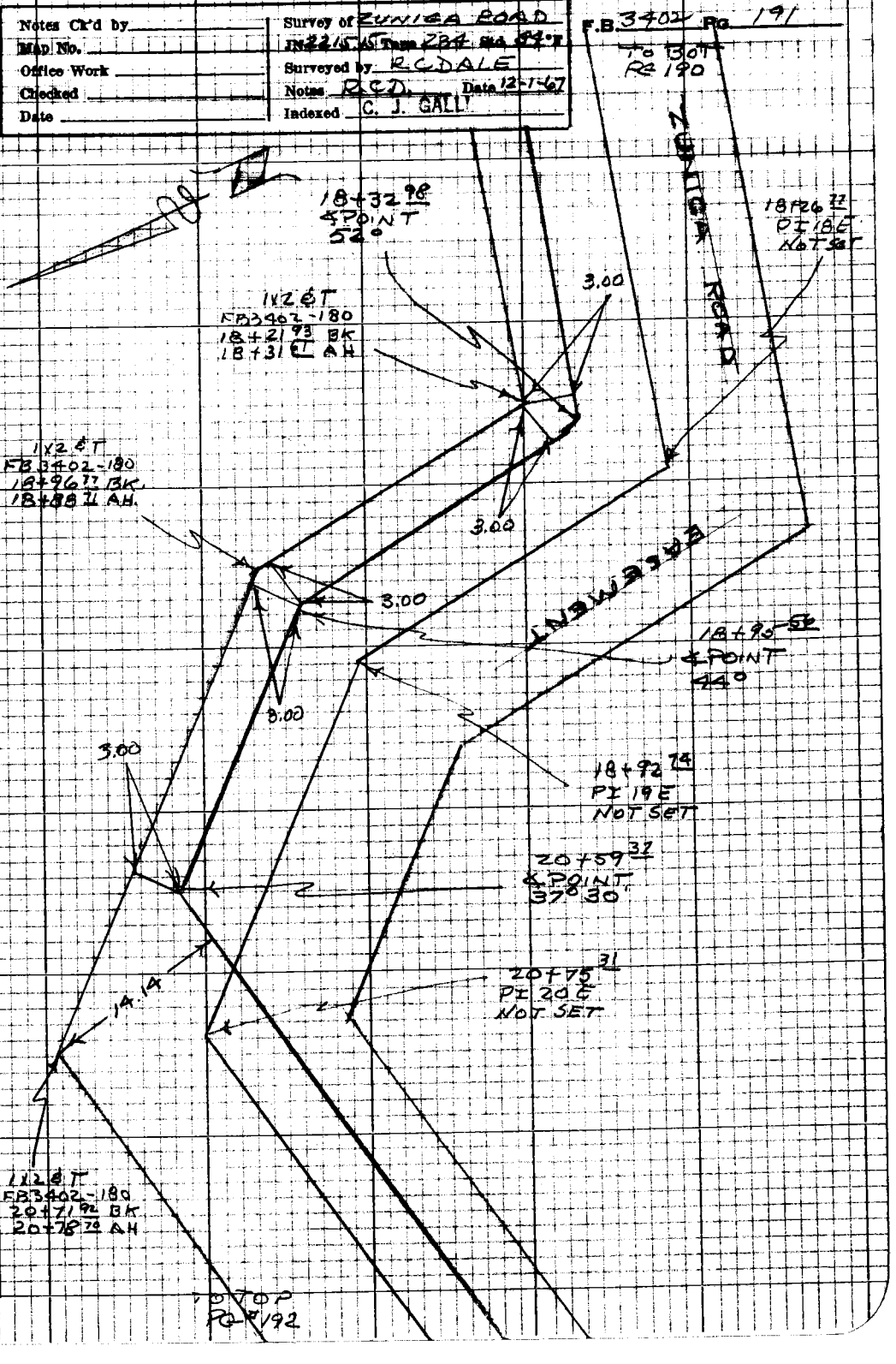
Notes Ck'd by	Survey of ZUNIGA ROAD
Map No.	IN 2215.15 Tape 234 Std. 84°F
Office Work	Surveyed by R.C.DALE
Checked	Notes R.C.D. Date 12-1-67
Date	Indexed C. J. GALLI

F.B. 3402 Pg. 191



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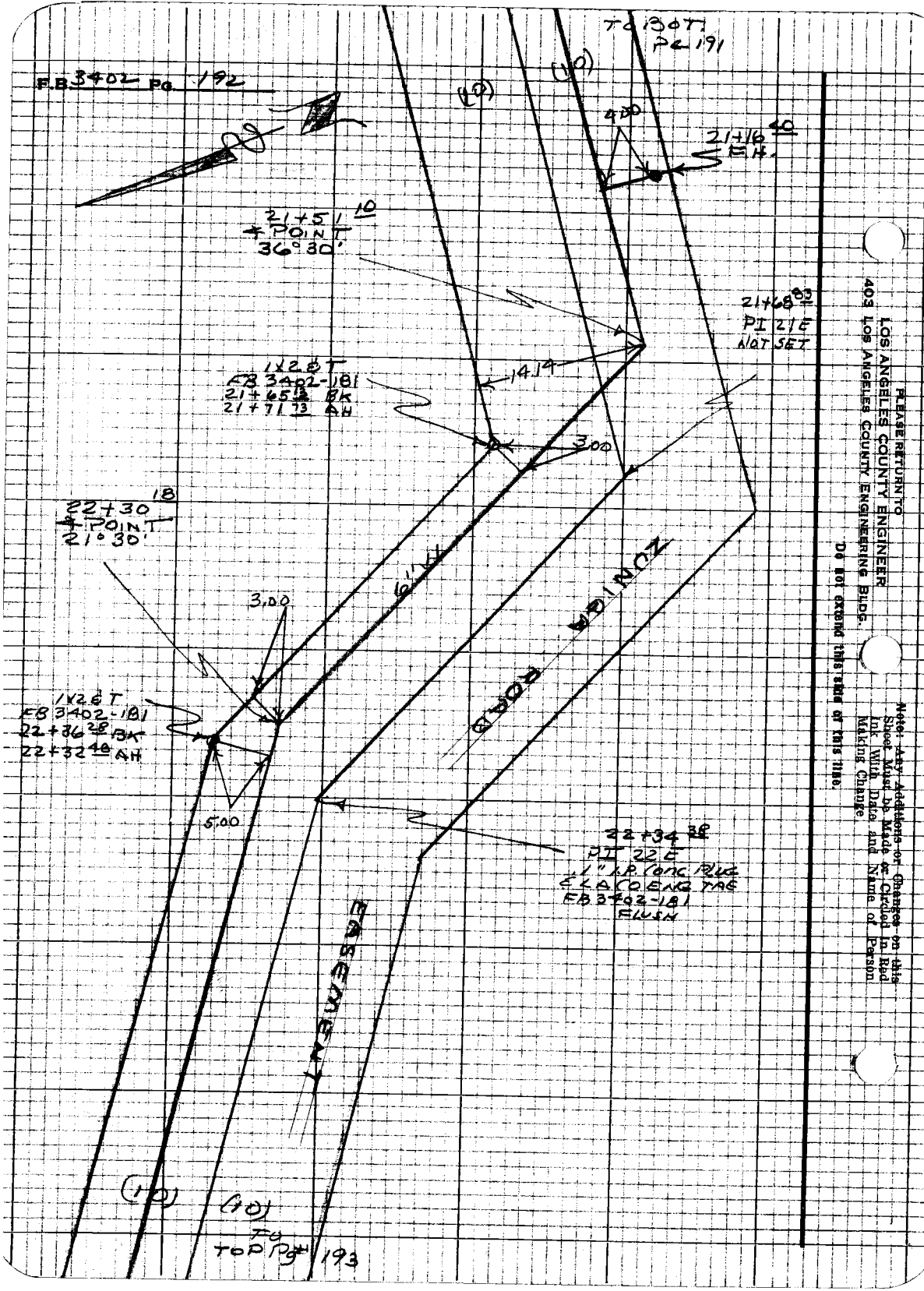
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3095 CE #310 5-66



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DO NOT EXCEED THIS SIZE OF THIS LINE

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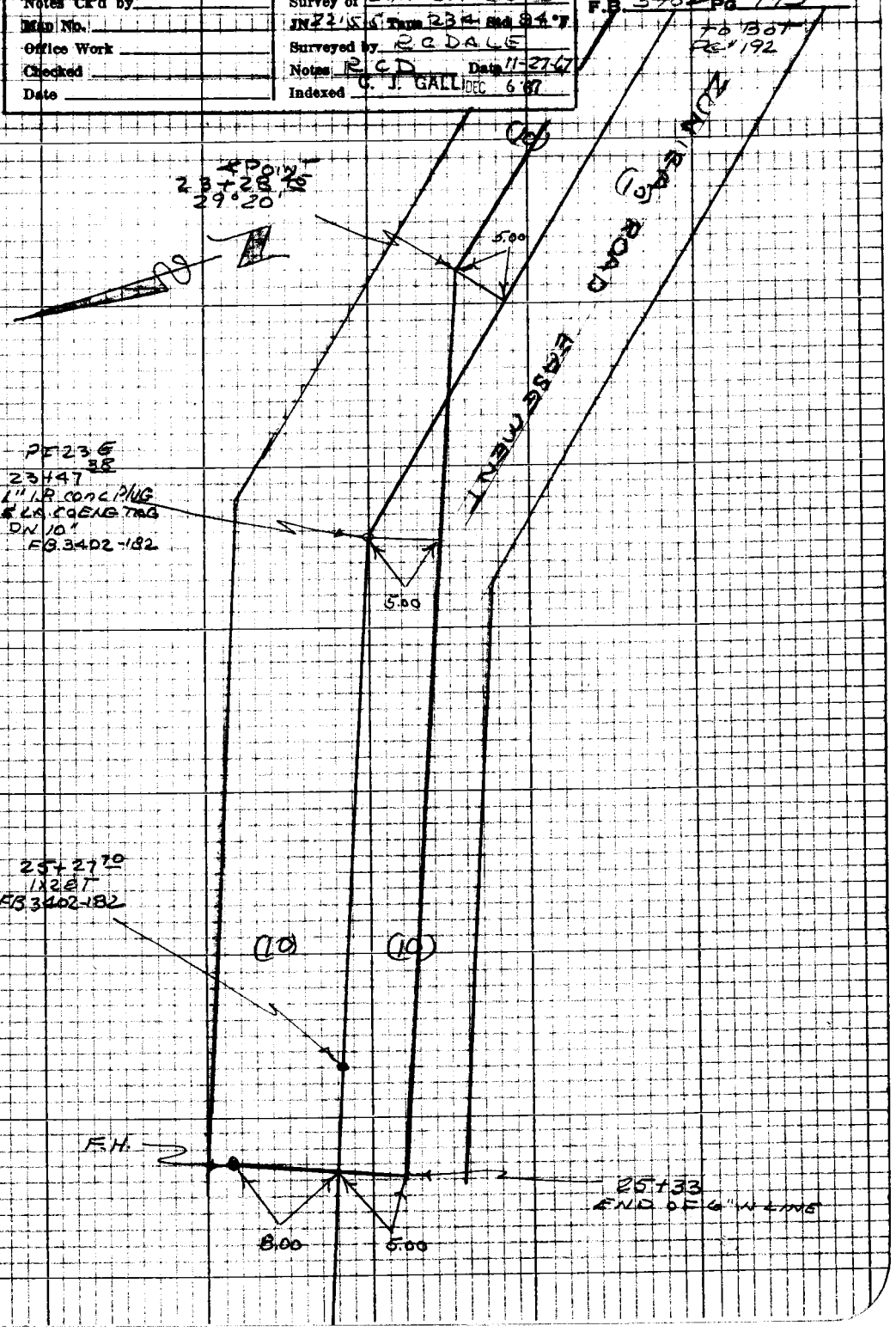
Notes Ck'd by	Survey of ZUNIGA ROAD
Map No.	JN 22155 Tape 234 Std 84°F
Office Work	Surveyed by R C DALE
Checked	Notes R C D Date 11-27-67
Date	Indexed C. J. GALL DEC 6 '67

F.B. 3402 Pg 193



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

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FB 3402 pg 197

Notes Ck'd by	Survey of WATERWORK #29
Map No.	JN 5291.49 Tape 203 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes Date 2-1-69
Date	Indexed

F. B. 3402 Pg. 195

WATERWORKS DISTRICT № 29

EMERGENCY RELOCATION OF
STORM DAMAGED WATERMAINS
IN TOPANGA CANYON AREA

J.N. 5291.49

FEB. 1, 1969

REF.

F.B. 2661
F.B. 2936
F.B. 3402
F.B. 2671
TOPANGA BRANCH FEEDER
UNIT #2 PLAN
SHEET 29.12.3
29.12.6
29.12.7
29.12.8

SREC. C.I. 2215-1963
SHEET 202

PARTY

L.V. SMITH
B.R. JACKSON
V.L. HUCKABY
D. FISHER
J.D. MAHER
R. BLANCHARD

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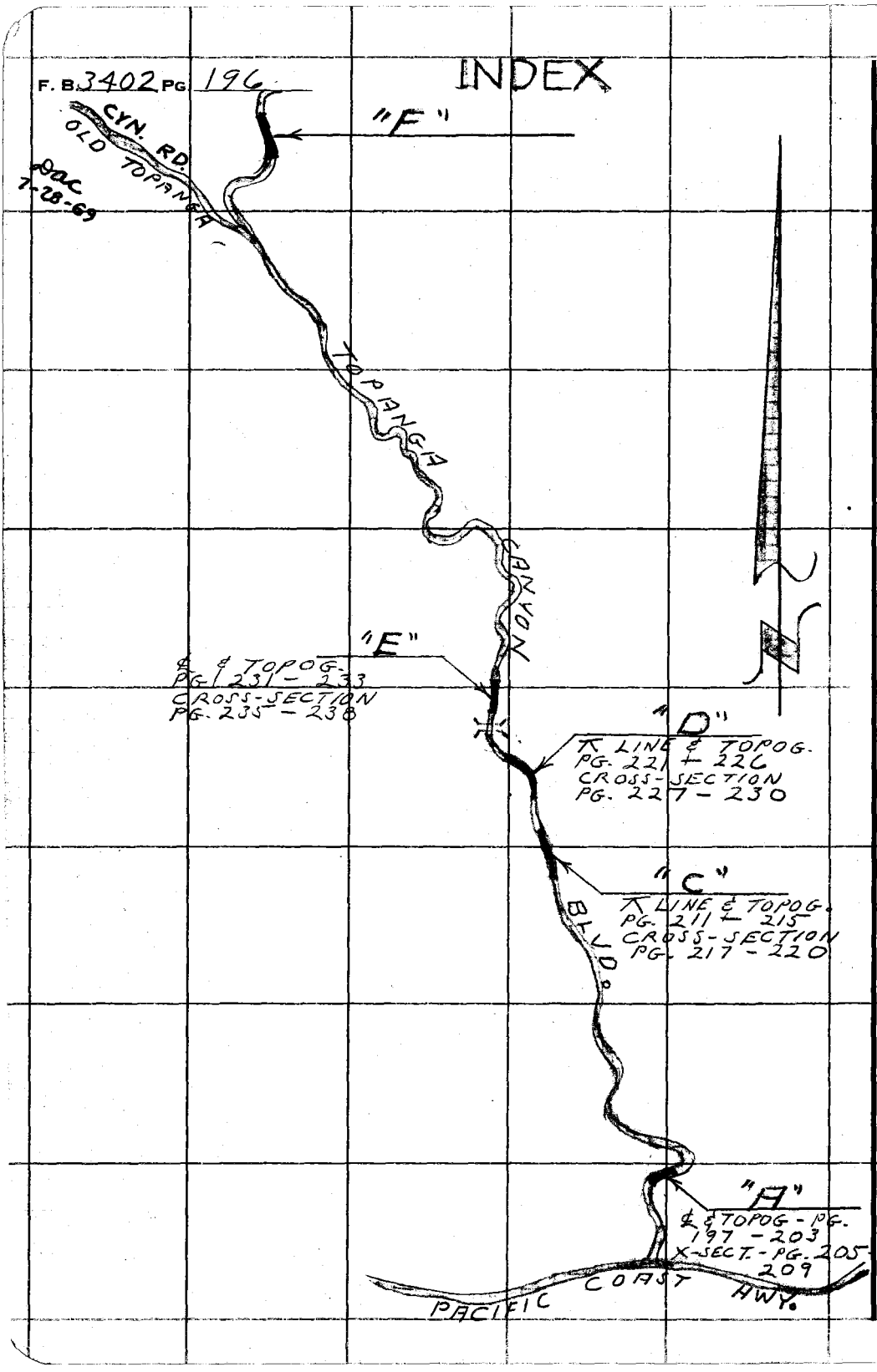
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

26F3095 CE#310 3-68

F. B. 3402 PG. 196

INDEX



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

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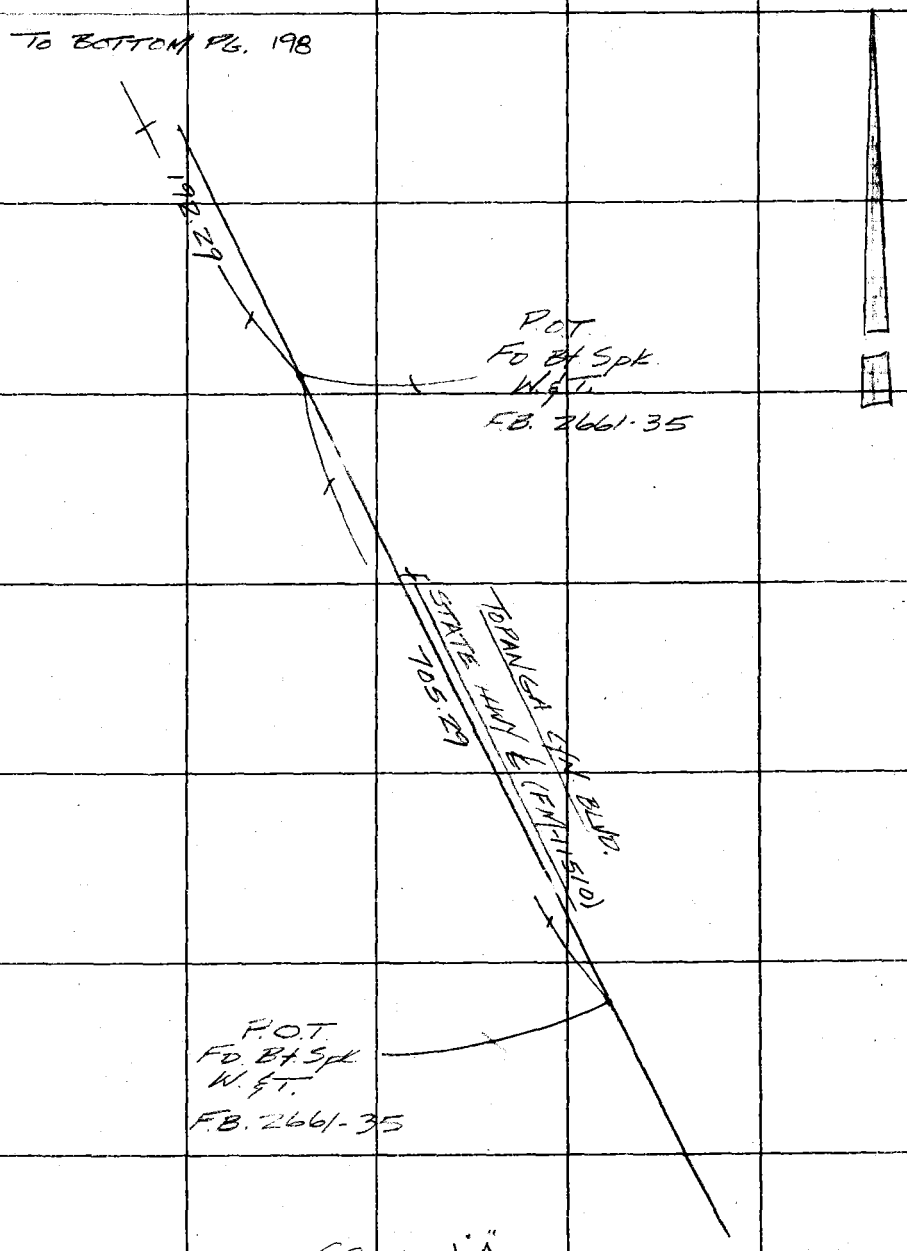
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WATERWKS DIST #29
Map No.	JN 5291.49 Tape 203 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes B JACKSON Date 2-2-69
Date	Indexed

F. B. 3402 PG. 197



SECTION "A"

TOPANGA BRANCH FEEDER UNIT NO. 2, PLAN 1962, SHEET NO. 29.12.3

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.

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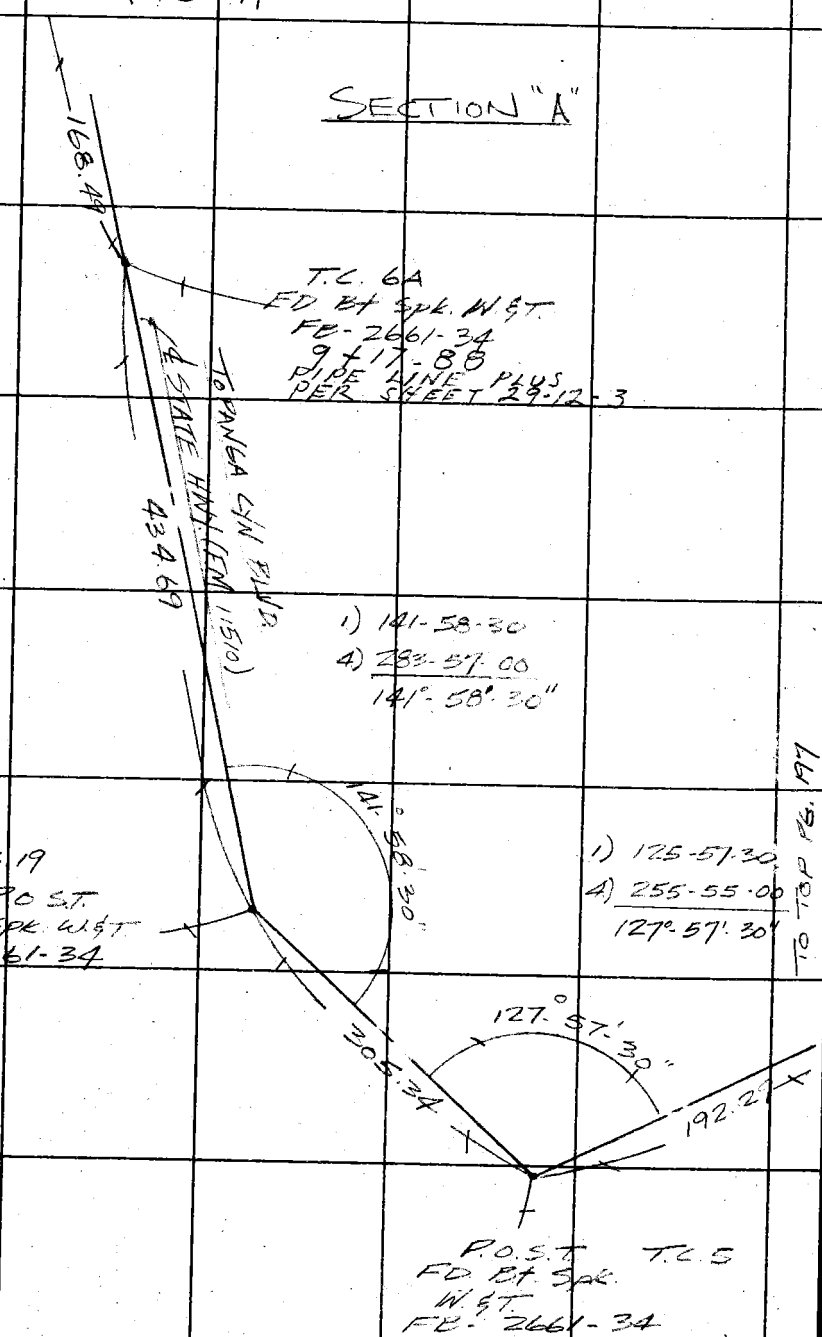
76F309S CE#310 3-68

F. B. 3402 PG 198

To BOTTOM PG 199

SECTION "A"



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Notes Ck'd by	Survey of WATERWKS DIST #29
Map No.	JN 5291.49 Tape 203 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes B JACKSON Date 2-2-69
Date	Indexed

F. B. 3402 PG. 199

SECTION "A"

T.C. 8 P.I.
FD. SUR. N/ & T.
FB-2661-41

91.25
TRANSIT LINE

10+86.37
T.C. 7 P.I.
FD. BT. SPK. W & T.
FB 2661-41

140°-20'-00"

1) 140-20-00
4) 280-40-00
140°-20'-00"

STATE HWY ℄
TO RANGA CYN BLVD.
168.49

TO TOP PG 198

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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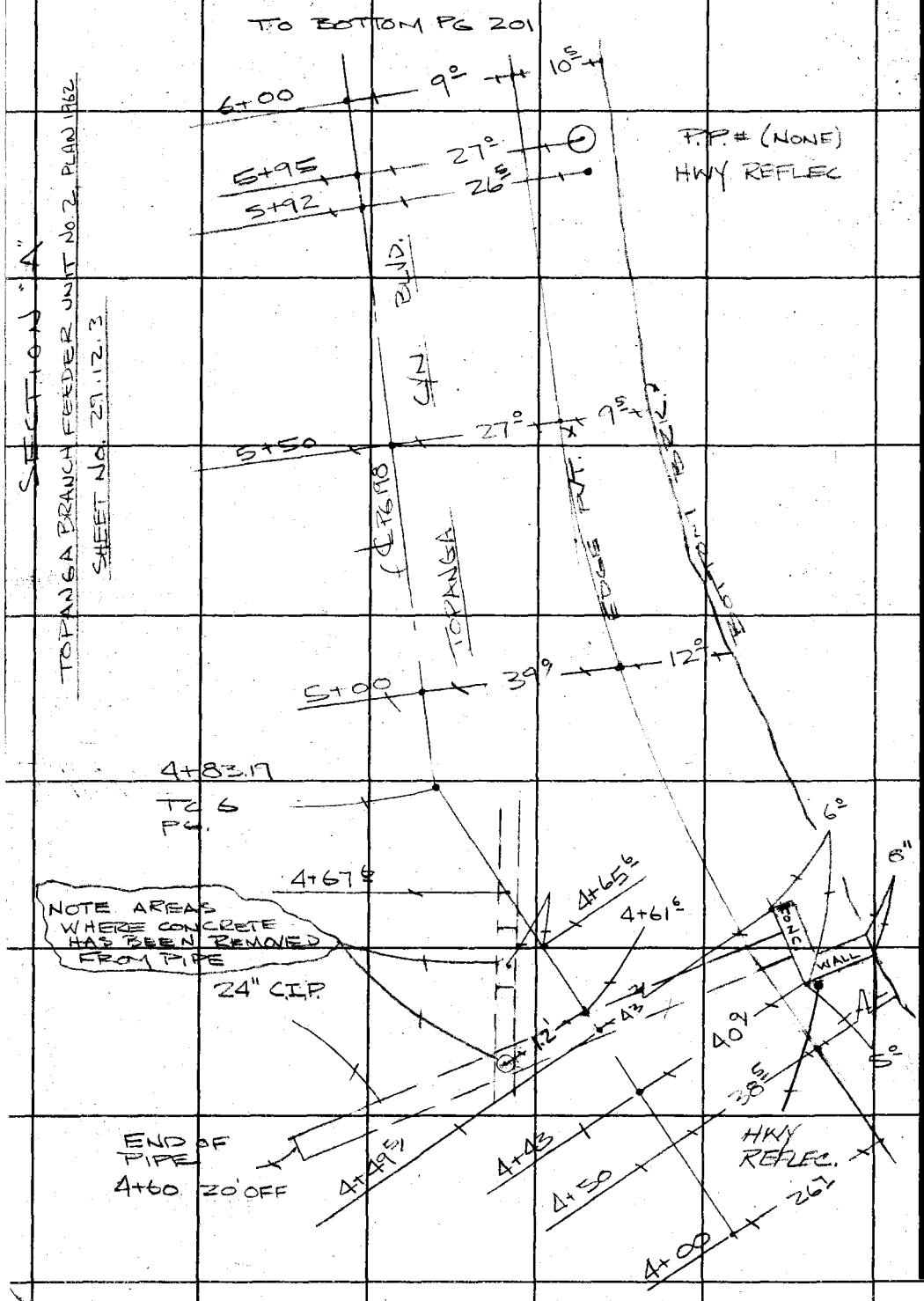
76F309S CE#310 3-68

F. B. 3402 PG. 200



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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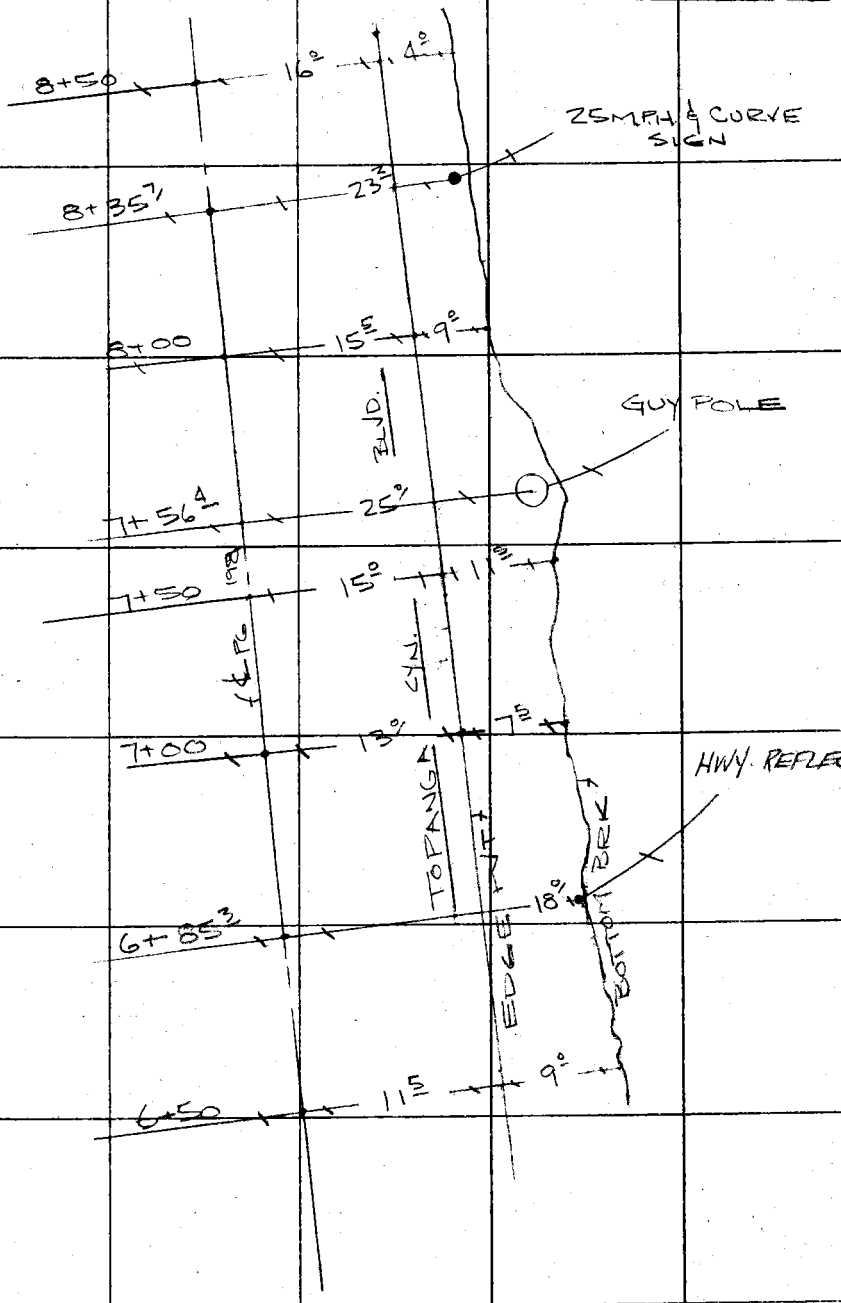
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WATERWKS DIST #29
Map No.	JN 5291.49 Tape 203 Std 84 °F
Office Work	Surveyed by L V SMITH
Checked	Notes B JACKSON Date 2-3-69
Date	Indexed

F. B. 3402 PG. 201

TO BOTTOM PG 202



TO TOP PG. 200

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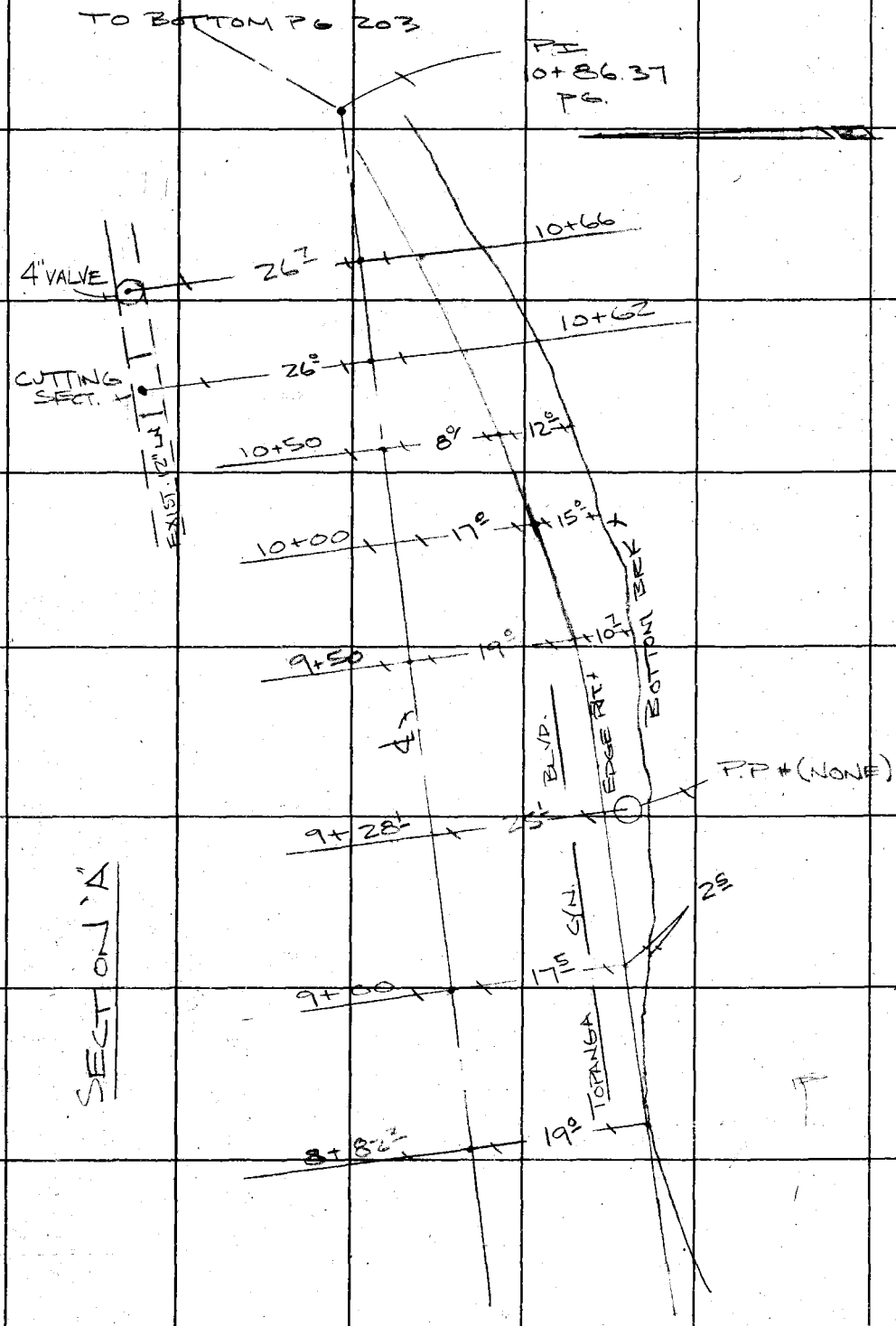
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3402 PG 202

TO BOTTOM PG 203



SECT. "A"

TO TOP PG 201

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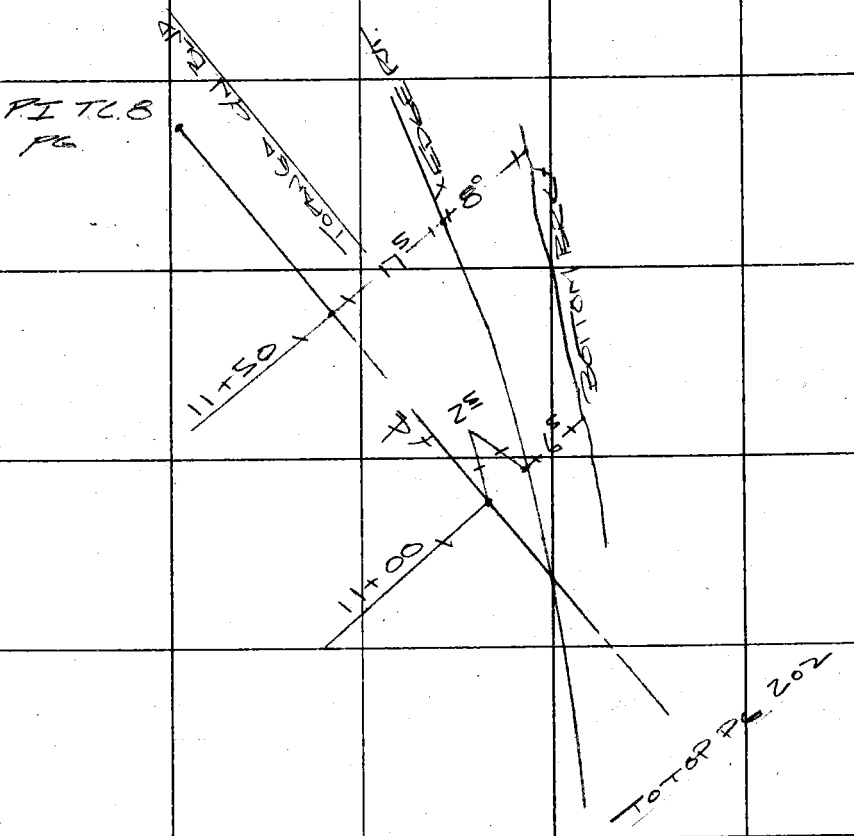
Notes Ck'd by	Survey of WATERWKS DIST 29
Map No.	JN 529149 Tape 203 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes B. JACKSON Date 2-3-69
Date	Indexed

F. B. 3402 PG. 203

SECTION "A"



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3402 PG 204

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile No.	Notes Red	Plotted	Job No. 5291-49	Division No.	F.B. 3402	Pg. 205
	Date	Date	Survey of WATER WORKS DIST. Nº 29			
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 2-3-69	
	Date	Date	Map No.	Indexed	Date	

WATERWORKS DISTRICT #29

EMERGENCY RELOCATION OF STORM DAMAGED WATER MAINS SECTION "A"

CROSS SECTION OF TOPANGA CANYON BLVD. FROM 4+00 TO 11+50 PER TOPANGA BR. FEEDER UNIT #2 SHEET # 29.12.3. E'RLY. HALF WIDTH OF ROAD

J.N. 5291.49

FEB. 3, 1969

STATIONING PLUS = PIPELINE PLUS AT STATION 9+17.88 PER SHEET 29-12-3 TOPANGA BRANCH FEEDER UNIT Nº 2

ELEV.	REF	PARTY
F.S.	F.B. 2661	L.V. SMITH B.R. JACKSON V.L. HUCKABY
H.I.		R. BLANCHARD
B.S.		
STATION		

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.

764-L 286 CE 307 3-61

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		RIGHT
B.M. 56-1	050	81 03		8053	B.M. 56-1 (F.C. 117-F-1)	F.B. 2832-7
					1960 PRELIM. ELEV. = 80.525	
					TOPANGA CANYON ROAD, 0.5' N'LY.	
					FROM PACIFIC COAST HWY. ON E.	
					SIDE OF TOPANGA CANYON ROAD. 4.3'	
					W'LY. FROM P.P.# 775283 E; A STD.	
					F.C. CONC. MON. FLUSH MKD.	
					F.C. B.M. 117-FL 1946	
T.P.	326	7884	545	7558		
T.P.	417	7628	673	7211		
T.P.	396	7420	604	7024		
4+00'			352	7068		℄
			513	6907		26.7' EDGE PVMT
			55'	687		33.5 BOT. BRK
4+51.5			787	6633		42.0 FLOW LINE 24" CULVERT
4+50'			298	7122		℄
			502	6918		38.5 EDGE PVMT
			58	684		49.0 BOT. BRK
4+60			1027	6393	20.0 TOP 24" CULVERT	

F.B. 3402 PG. 206

Job No. 5291-49 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #29 TOPANGA CN. Date Date No. X-Sec.
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked
Indexed Date Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		RIGHT
		74 20				
5+00			287	71 33		℄
			280	71 40		7.5 EDGE PVMT
			468	69 52		39.0 EDGE PVMT
			56	68 6		51.0 BOT BRK.
5+50			302	71 18		℄ EDGE PVMT.
			445	69 75		27.0 EDGE PVMT
			49	69 3		36.5 BOT. BRK
6+00			320	71 00		℄ & EDGE PVMT.
			407	70 13		19.0 EDGE PVMT.
			44	69 8		29.5 BOT. BRK
T.P.	580	76 03	397	70 23		
6+50			475	71 28		℄ PVMT.
			522	70 81		11.5 EDGE PVMT.
			54	70 6		20.5 BOT. BRK.
7+00			455	71 48		℄
			512	70 91		13' EDGE PVMT.
			52	70 8		20.0 BOT. BRK
7+50			455	71 48		℄
			498	71 05		15.0 EDGE PVMT.
			54	70 6		26.5 BOT. BRK.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5291-49 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W. W. DIST. #29
Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 2-3-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3402 Pg. 207

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		RIGHT
		76 03				
8+00			452	7151		℄
			480	7123		15.5 EDGE PVMT
			51	709		24.5 BOT. BRK.
8+50			419	7184		℄
			444	7159		16.0 EDGE PVMT.
			46	714		20.0 BOT. BRK.
9+00			395	7208		℄
			404	7199		17.5 EDGE PVMT.
			43	717		20.0 BOT. BRK.
T.P.	641	7854	390	7213		
9+50			629	7225		℄ PVMT
			600	7254		19.0 EDGE PVMT
			66	719		29.7 BOT BRK.
10+00			586	7268		℄
			527	7327		17.0 EDGE PVMT.
			57	728		32.0 BOT. BRK.
10+50			448	7406		℄
			433	7421		8.0 EDGE PVMT.
			46	739		20.0 BOT. BRK.

F.B. 3402 Pg. 208
Job No. 5291.48 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. No 29 Date Date No.
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		78 54				
T.P.	455	79 51	358	7496		
11+00			436	7515		℄
			442	7509		2.5 EDGE PVMT
			46	749		9.0 BOT. BRK.
11+50			415	7536		℄
			383	7568		17.5 EDGE PVMT.
			40	755		25.5 BOT. BRK
T. P.	769	83 24	396	7555		
B.M. 56-1			275	8049	B.M. 56-1 (F.C. 117-F1 F.B. 2832-7	
					SEE PG 206 FOR DESCRIPTION	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5291.49 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. DIST. No. 29
Notes Chkd. ____ Checked ____ Survey by L.V. Smith Notes L.V.S. Date 2-3-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3402 Pg. 209

F.B. 3402 Pg. 210 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76-L298 CE 307 3-61

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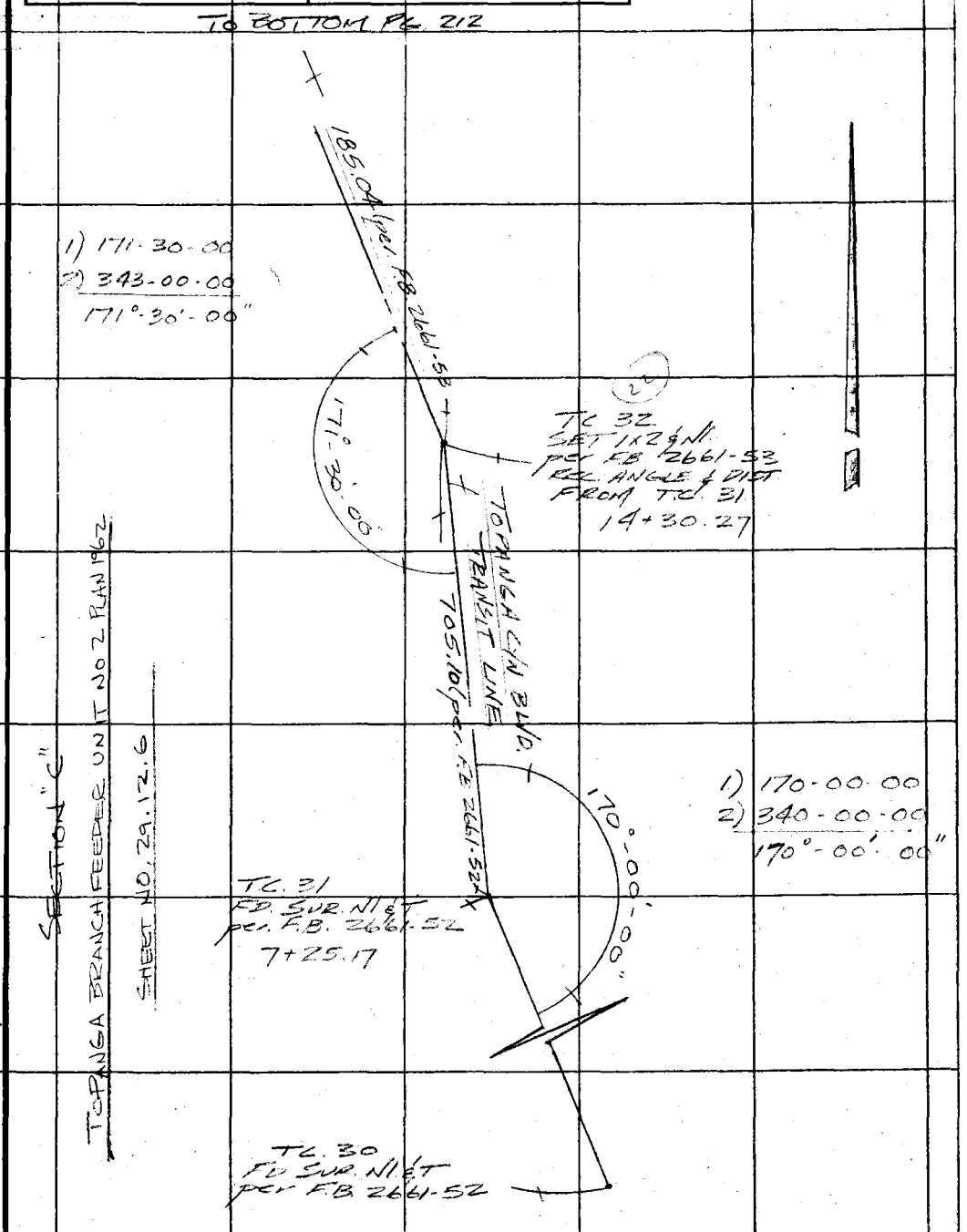
Notes Ck'd by	Survey of WATERWAY DIST. #29
Map No.	JN 5291.49 Tape 203 Std 84 °F
Office Work	Surveyed by L V SMITH
Checked	Notes B JACKSON Date 2-4-69
Date	Indexed

F. B. 3402 PG. 211

"C"



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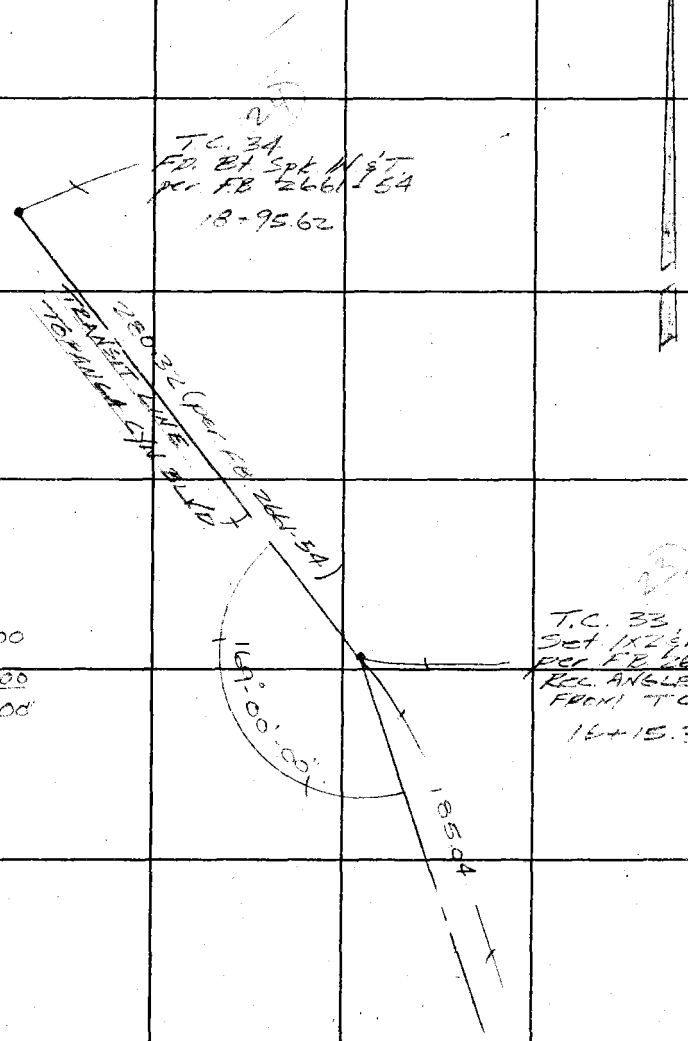
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3402 PG 212

SECTION "C"



1) 169-00-00
2) 338-00-00
169°-00'-00"

TO TOP PG. 211

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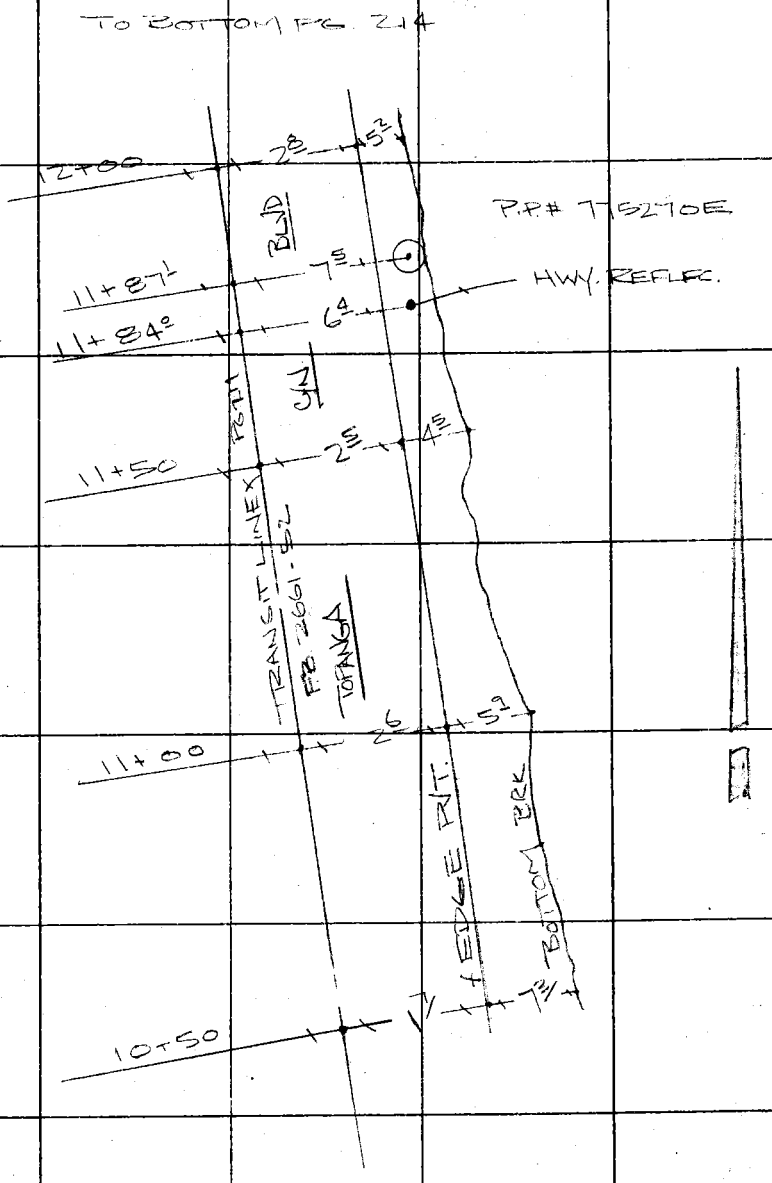
Notes Ck'd by	Survey of WATERWKS DIST #27
Map No.	JN 5291.49 Tape 203 Std 84 °F
Office Work	Surveyed by L. V. SMITH
Checked	Notes B. JACKSON Date 2-4-69
Date	Indexed

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



SECTION "C"

TOPANGA BRANCH FEEDER UNIT NO. 2, PLAN 1962 SHEET NO 29.12.6

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

Do not extend this side of this line.

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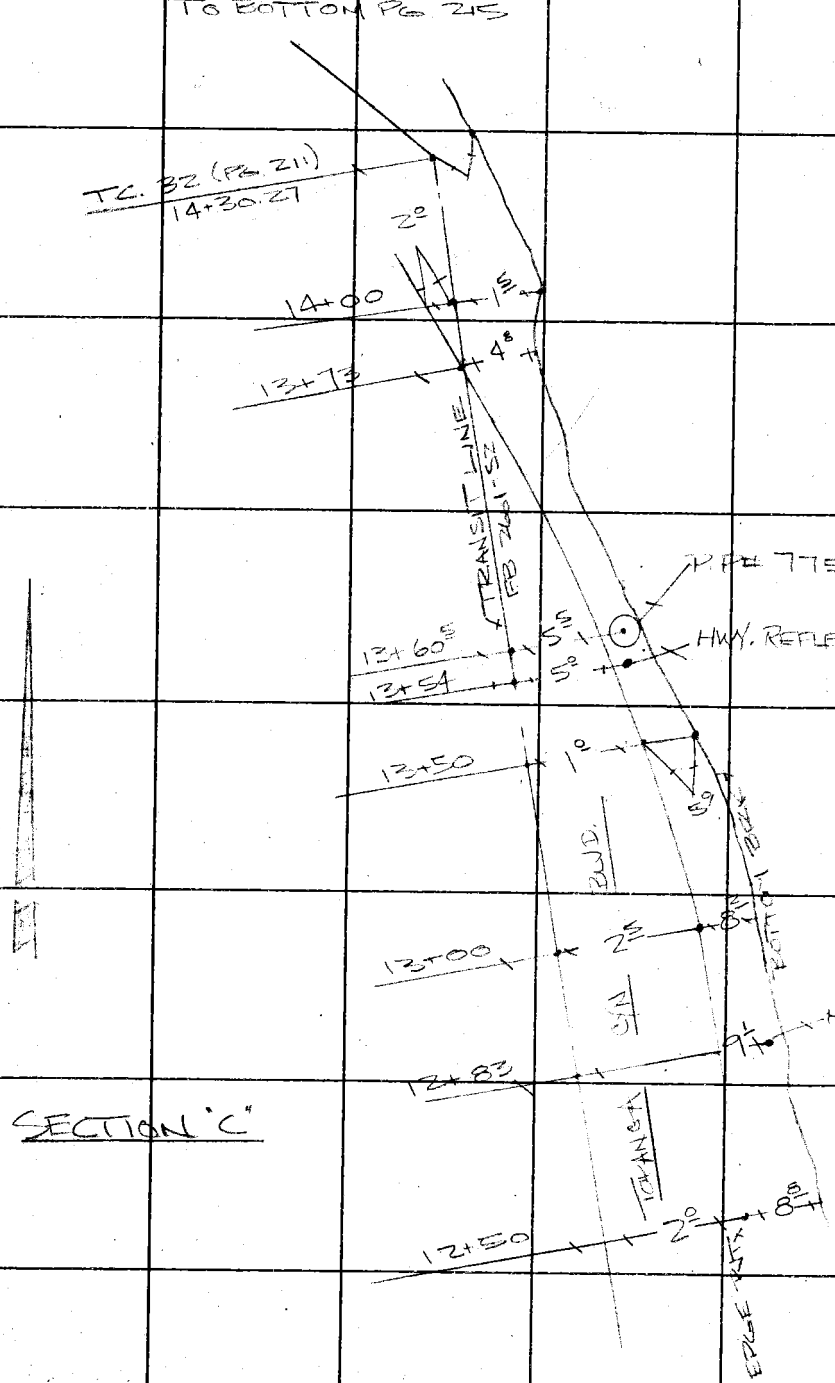
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3402 PG. 214

TO BOTTOM PG. 215



SECTION "C"

TO TOP PG. 213

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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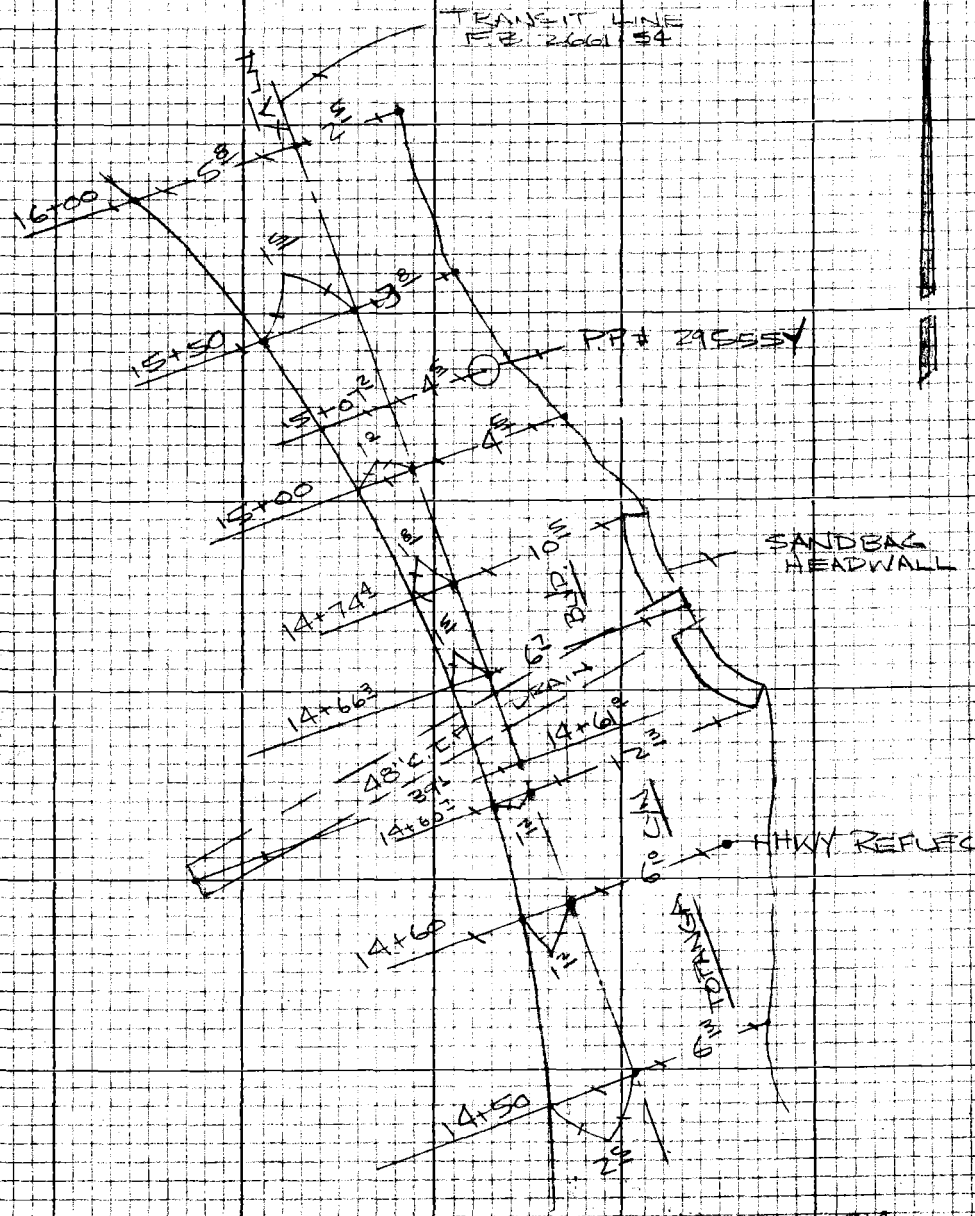
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WATERWKS DIST #29	F.B. 3402 Pg. 215
Map No.	JN 5291.49 Tape 203 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes B. JACKSON Date 2-4-69	
Date	Indexed	

SECTION "C"



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CK #310 8-66

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F.B. 3401 Pg. 216

Profile No.	Notes Red	Plotted	Job No. 5291.49	Division No.	F.B. 3402 Pg. 217
	Date	Date	Survey of WATERWORKS DIST. Nº 29		
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 2-4-69
	Date	Date	Map No.	Indexed	Date

WATERWORKS DISTRICT Nº 29

EMERGENCY RELOCATION OF STORM DAMAGED WATERMAINS SECTION "C"

CROSS SECTION OF TOPANGA CN. BLVD. FROM STA. 10+50 TO 15+00

STATIONING PLUS = STATIONING PER F.B. 2936 PG. 108 - 109 ELY. HALF WIDTH OF ROAD

J.N. 5291.49

FEB 4, 1969

TOPANGA BRANCH FEEDER UNIT #2
1962 PLAN SHEET 29.12-6 & 29.12.7

ELEV.

REF.	PARTY
F.B. 2661	L.V. SMITH
F.B. 2936	B.R. JACKSON
	V.L. HUCKABY
	R. BLANCHARD

F. S.

H. I.

B. S.

STATION

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT. ⊼ LINE RIGHT
B.M. 56-3	416	22568		221 52	B.M. 56-3 (F.C. B.M. 17-F-3) F.B. 2832-9 1960 PRELIM. ELEV. = 221.522 TOPANGA CANYON ROAD 1.6 MI NLY. FROM PACIFIC COAST HWY. 8.5 FT. E. OF E. SIDE OF PVMT. 42.5' S'LY. FROM P.P. #775272E, 61.0' S.E'LY FROM GUY POLE #12543Y FD. A STD. F.C. BRASS CAP IN CONC. CHISELED IN SIDE OF CLIFF 2.5' ABOVE E. SIDE OF PAVEMENT. CAP MARKED "F.C. B.M. 117-F3-1946
T.P.	769	23233	104	22464	⊼ LINE
10+50			632	22601	1.7 EDGE PVMT
			69	2254	9.0 BOT. BANK
11+00			546	22687	⊼
			564	22669	2.6 EDGE PVMT
			60	2263	8.5 BOT BRK.
11+50			431	22802	⊼
			442	22791	2.5 EDGE PVMT
			50	2273	7.0 BOT. BRK.

F.B. 3402 Pg. 218
Job No. 5291-49 Division No. Notes Red Plotted Profile
Survey of WATERWORKS DISTRICT No. 29 Date Date No. X-Sec.
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked No.
Indexed Date Date Date

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	LINE	RIGHT
		23233					
12+00			312	22921			
			326	22907			2.8 EDGE PVMT.
			36	2287			8.0 BOT. BRK.
12+50			161	23072			
			176	23057			2.0 EDGE PVMT.
			25	2298			11.2 BOT. BRK.
T. — P.	908	23977	164	23069			
13+00			751	23226			
			777	23200			2.5 EDGE PVMT.
			85	2313			10.7 BOT. BRK.
13+50			575	23402			
			579	23398			1.0 EDGE PVMT.
			63	2335			6.0 BOT. BRK.
14+00			39	2359			DRAIN
			40	2358			1.5 BOT. BRK.
			363	23614	2.0 EDGE PVMT.		
14+50			15	2383			FLOW LINE
			11	2387			6.3 BOT. BRK.
			138	23839	2.5 EDGE PVMT.		

Profile Notes Red ____ Plotted ____ Job No. 529.49 Division No. ____
No. ____ Date ____ Date ____ Survey of WATERWORKS DIST. No. 29
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 2-4-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 3402 Pg. 219

76-L298 CE 307 3-61

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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.	LEFT	RIGHT
		239 77				
14+66 3			5 05	234 72		6 7' FLOW LINE 48" C.I.P.
14+60 7			11 02	228 75	39' FLOW LINE 48" C.I.P.	
T.P.	6 92	245 93	0 76	239 01		
15+00			5 91	240 02		DRAIN
			5 4	240 5		4 5 BOT. BRK
			5 70	240 23	1 0' EDGE PVMT.	
15+50			4 1	241 8		
			3 8	242 1		3 8' BOT BRK.
			4 01	241 92	1 5' EDGE PVMT.	
T.P.	9 66	254 95	0 64	245 29		
T.P.	9 21	263 18	0 98	253 97	B.M. 56-4 F.C. 117-F54 F.B. 2832-70	
T.P.	9 90	271 54	1 54	261 64	1960 PREL. ELEV. = 296.674	
T.P.	12 00	283 20	0 34	271 20	TOPANGA CANYON ROAD; 2.0 MILES	
T.P.	10 40	293 32	0 28	282 92	N'LY FROM PACIFIC COAST HWY.	
T.P.	9 46	299 98	2 80	290 52	ON N'WLY. CORNER OF BRIDGE	
B.M. 56-4			3 33	296 65	#53-143, 17.5 FT. WLY. FROM CENTER LINE	
					OF TOPANGA CYN. ROAD - ON TOP OF	
					F.C. RECORDER STA. #57 FD. A STD.	
					F.C. B.M. BRASS CAP IN CONC.	

F.B. 3402 PG. 220

Job No. 291-49 Division No. ____ Notes Red ____ Plotted ____ Profile ____

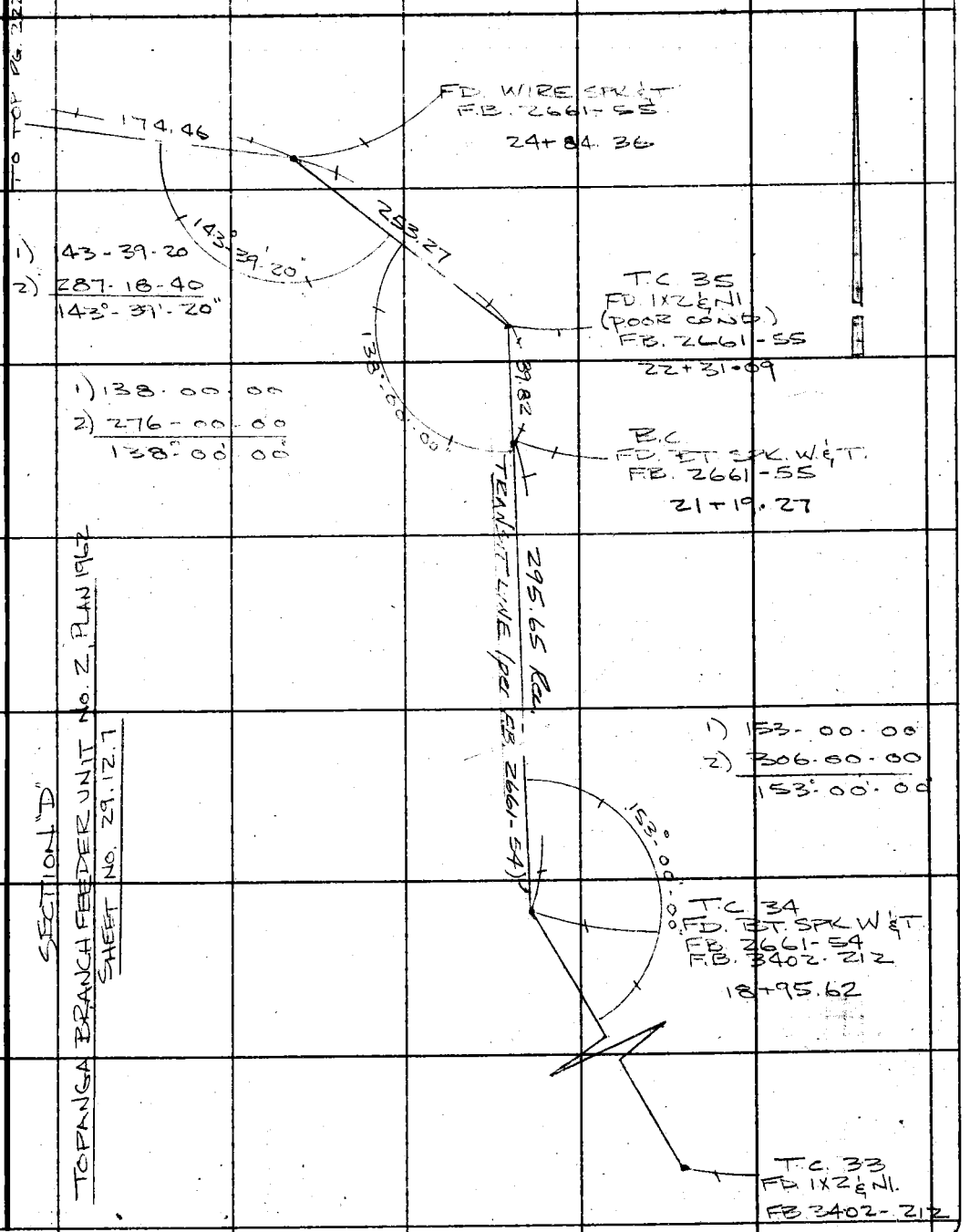
Survey of W.W. DIST. #29- Date ____ Date ____ No. ____

Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of WATERWKS DIST #29
Map No.	JN 5291.49 Tape 203 Std 84 °F
Office Work	Surveyed by L.V SMITH
Checked	Notes B. JACKSON Date 2-5-67
Date	Indexed

F. B. 3402 PG. 221



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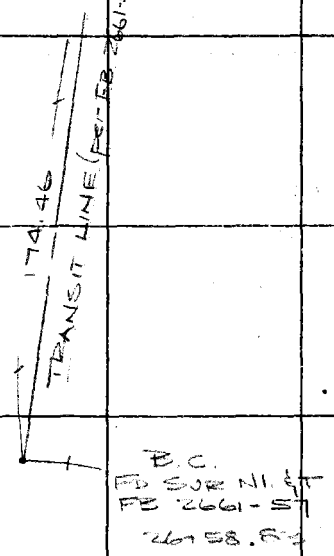
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3402 PG 222

TO TOP LEFT PG 221



SECTION "D"

TOPANGA BRANCH FEEDER UNIT No. 2, PLAN 1962. SHEET NO 29.12.7

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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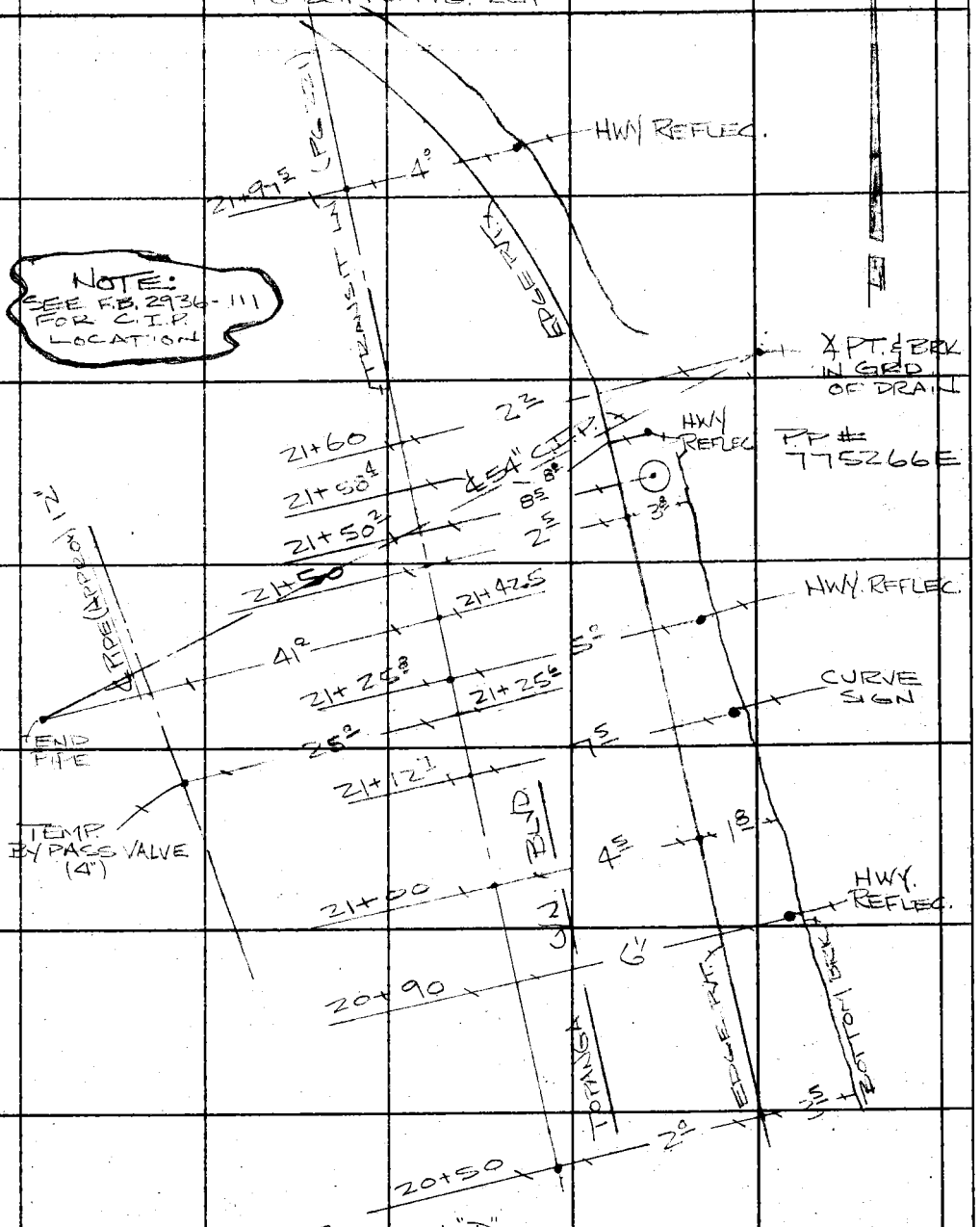
Notes Ck'd by	Survey of WATERINKS DIST #29
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F
Office Work	Surveyed by L. V. SMITH
Checked	Notes B. JACKSON Date [illegible]
Date	Indexed

F. B. 3[illegible] PG. [illegible]



SECTION "D"

TOPANGA BRANCH FEEDER UNIT NO. 2, PLAN 1962, SHEET NO. 29.17.7

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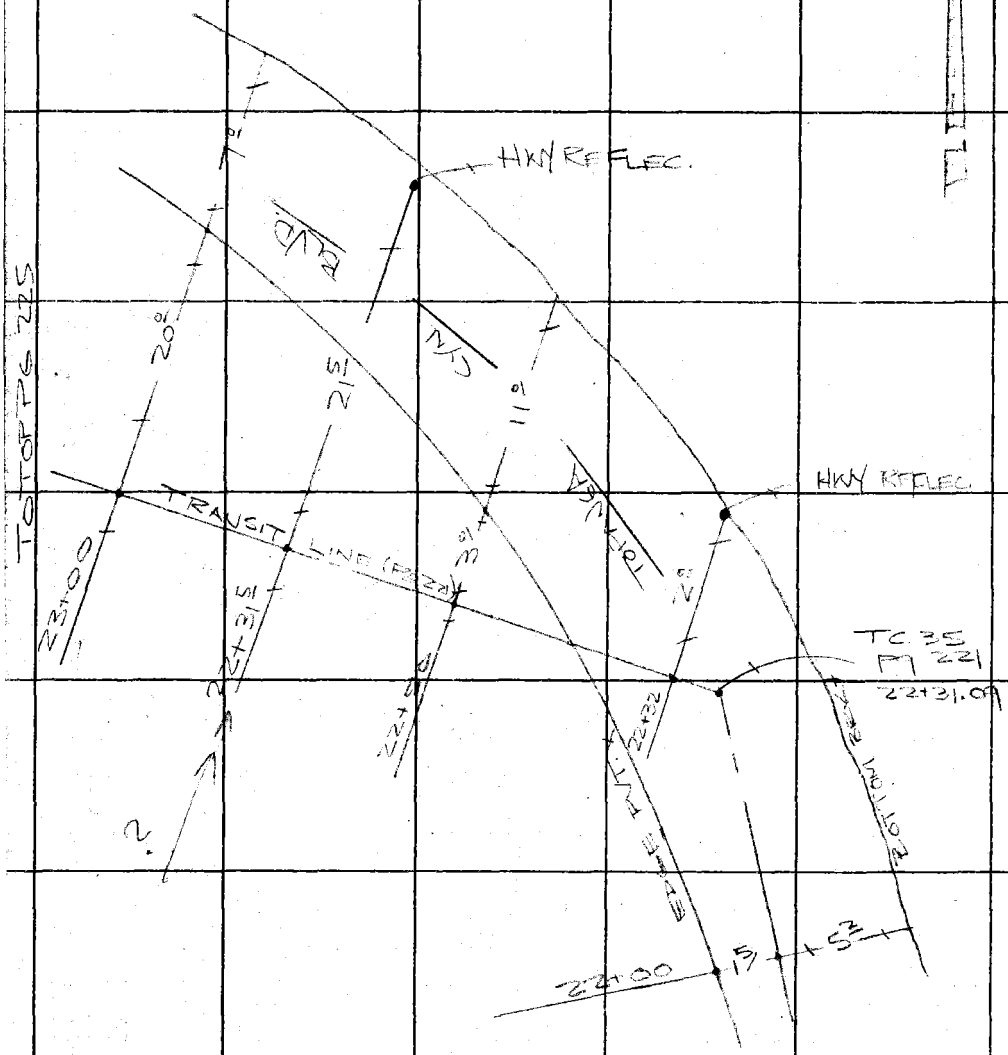
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3204 PG 224

SECTION "D"



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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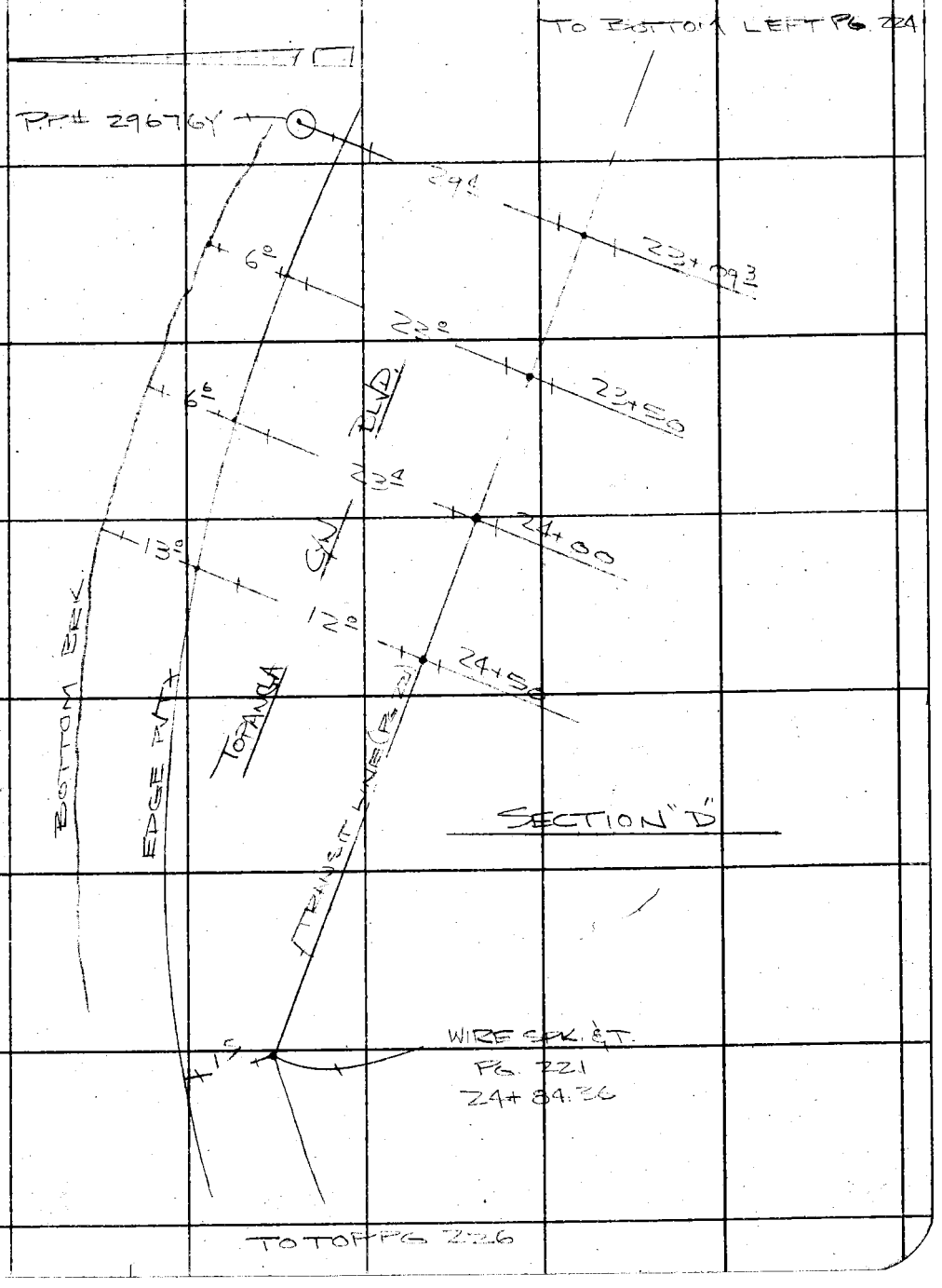
Notes Ck'd by	Survey of WATERWKS DIST #29
Map No.	JN 5291.49 Tape 203 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes B. JACKSON Date 2-5-69
Date	Indexed

F. B. 3402 PG. 225



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

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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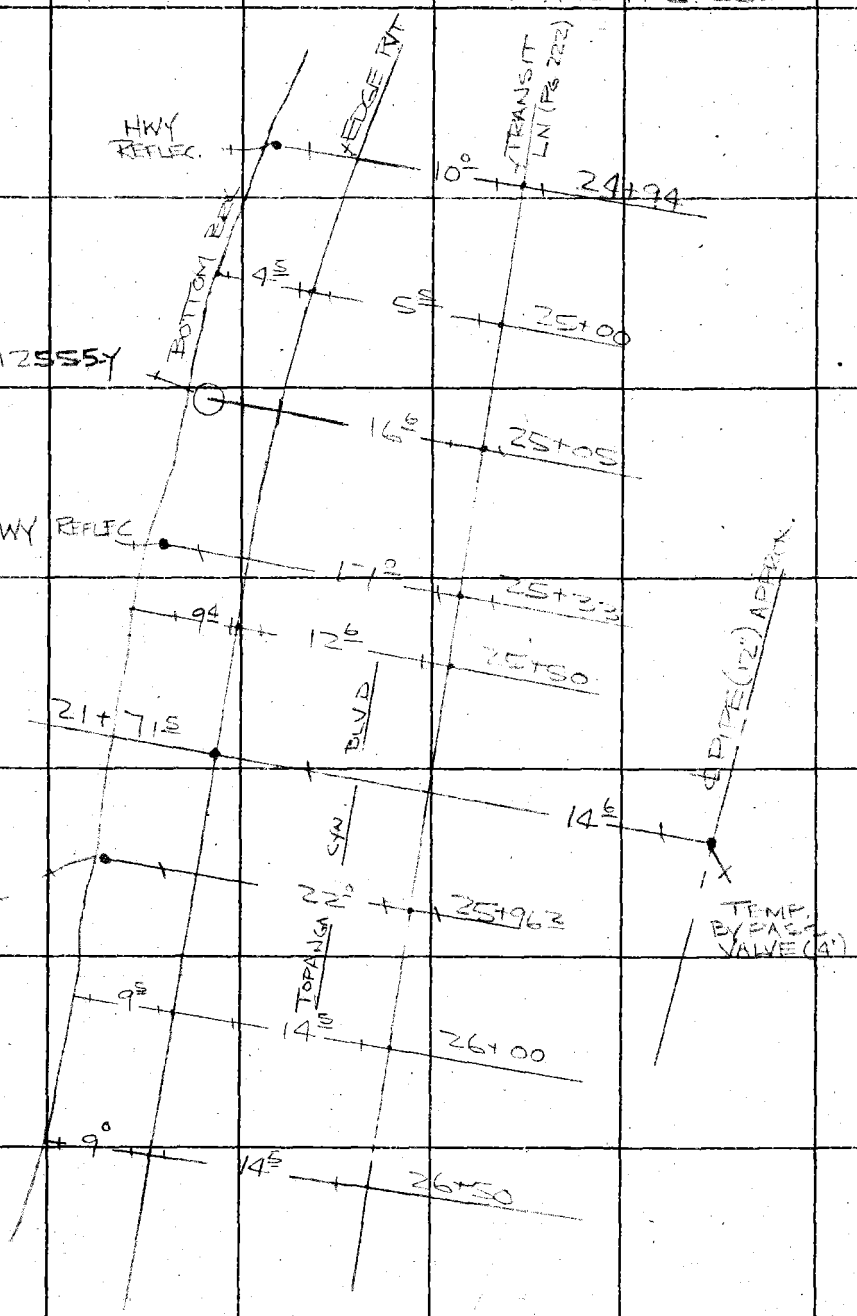
76F309S CE#310 3-68

F. B. 3402 PG 226

SECTION "D"

TO BOTTOM PG. 225



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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.

Profile No.	Notes Red	Plotted	Job No. 5291-49	Division No.	F.B. 3402 PG. 227
	Date	Date	Survey of WATERWORKS DIST. Nº 29		
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 2-5-69
	Date	Date	Map No.	Indexed	Date

WATERWORKS DISTRICT Nº 29

EMERGENCY RELOCATION OF STORM DAMAGED WATERMAINS SECTION "D"

CROSS-SECTION OF TOPANGA CN. BLVD. ELY. HALF WIDTH OF ROAD FROM STATION 20+50 TO 26+50 STATIONING PLUS = STATIONING PER F.B. 2936 PG. 110-111-112

J.N. 5291.49

FEB. 5, 1969

TOPANGA BRANCH FEEDER UNIT #2

1962 PLAN SHEET 29·12·T

ELEV.

REF.	PARTY
F.B. 2661	L.V. SMITH
F.B. 2936	B.R. JACKSON
	V.L. HUCKABY
	R. BLANCHARD

F.S.

H.I.

B.S.

STATION

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
B.M. 56-4	299	299 66		296 67	BM. 56-4 (F.C. 117-F54 F.B. 2832 70 1960 PREL. ELEV. = 296.674 TOPANGA CANYON ROAD; 2.0 MILES N'LY FROM PACIFIC COAST HWY. ON N.W'LY CORNER OF BRIDGE # 53-143, 17.5 FT W'LY FROM CENTER LINE OF TOPANGA CANYON ROAD ON TOP OF F.C. RECORDER STATION #57 FD. A STD F.C.B.M BRASS CAP IN CONC.	
T.P.	202	292 47	921	290 45		
T.P.	139	282 12	1174	280 73		
T.P.	143	272 70	1085	271 27		
T.P.	235	264 41	1064	262 06		
20+50			1015	254 26		
			1030	254 11		2° EDGE PVMT.
			101	254 3		5⁵ BOT. BRK.
21+00			877	255 64		
			908	255 33		4⁵ EDGE PVMT.
			92	255 2		6³ BOT. BRK

F.B. 3402 Pg. 228
Job No. 5291.49 Division No. Notes Red Plotted Profile
Survey of WATERWORKS DIST. No 29 Date Date No. X-Sec.
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked
Indexed Date Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		264 41				
21+50			727	25714		
			744	25697		2.5 EDGE PVMT
			76	2568		6.3 BOT. BRK
22+00			63	2581		
			66	2578		5.2' BOT BRK.
			628	25813	1.5 EDGE PVMT.	
22+50			539	25902		
			548	25893		3.0' EDGE PVMT
			58	2586		14.0' BOT. BRK
23+00			480	25961		
			463	25978		20.0' EDGE PVMT
			48	2596		27.0' BOT. BRK.
23+50			373	26068		
			362	26079		23.0' EDGE PVMT.
			40	2604		29.0' BOT. BRK.
24+00			275	26166		
			280	26161		23.4' EDGE PVMT
			32	2612		30.0' BOT. BRK.
T. P.	904	27096	249	26192		

Profile Notes Red ____ Plotted ____ Job No. 5291-49 Division No. ____
No. ____ Date ____ Date ____ Survey of WATERWORKS DIST No. 29
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 2-5-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3402 PG. 229

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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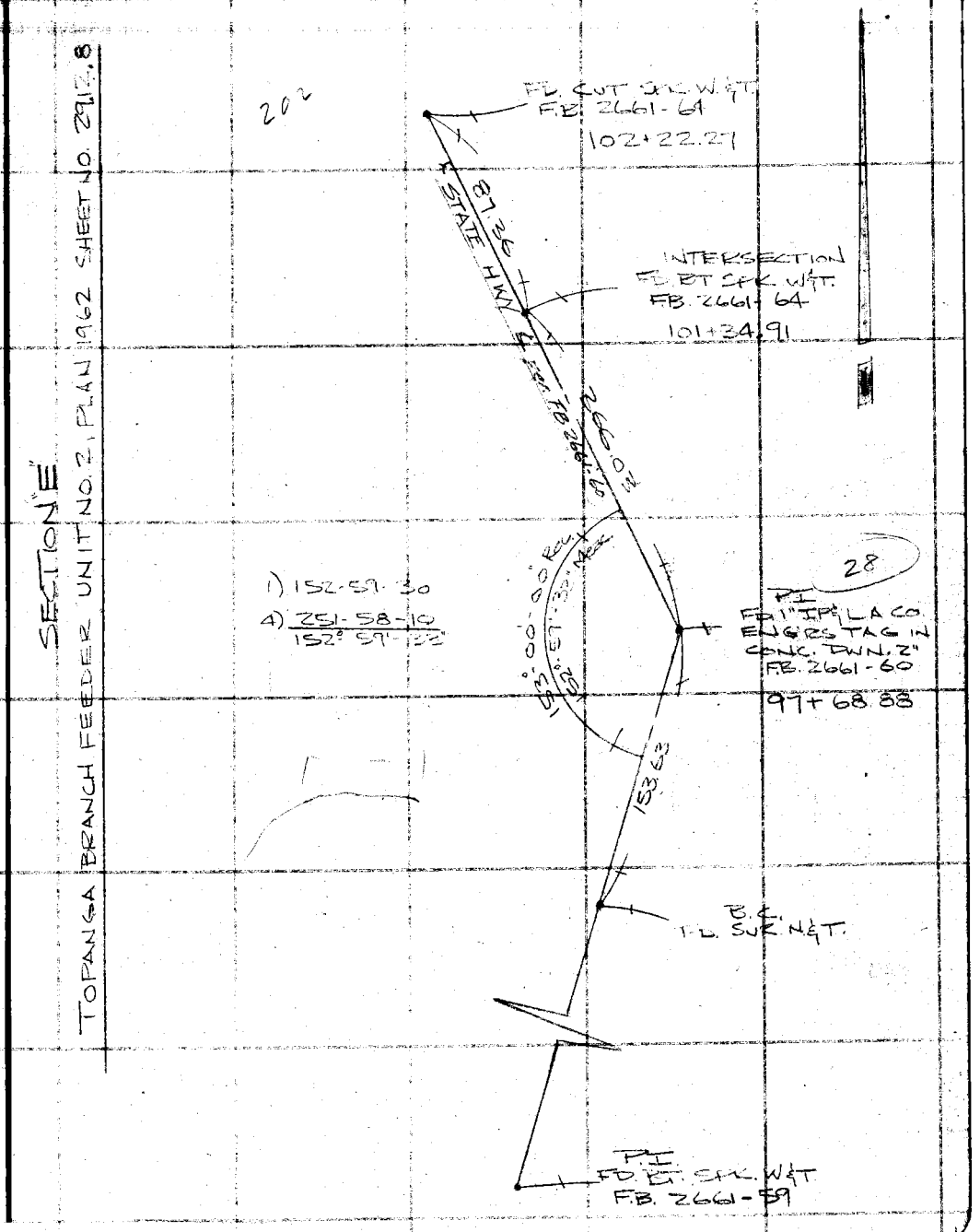
Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	LINE	RIGHT
		270 96					
24+50			798	26298			
			811	26285			12° EDGE PVMT.
			85	2625			25° BOT. BRK.
25+00			691	26405			
			713	26383			5.5 EDGE PVMT.
			74	2636			10° BOT. BRK.
25+50			566	26530			
			577	27519			12.6 EDGE PVMT.
			62	2648			22° BOT. BRK.
26+00			441	26655			
			479	26617			14.5 EDGE PVMT.
			50	2660			24° BOT BRK
26+50			315	26781			
			382	26714			14.5 EDGE PVMT
			41	2669			23.5 BOT BRK.
T.P.	1052	28098	050	27046			
T.P.	1201	29273	026	28072			
T.P.	944	29989	228	29045			
B.M. 56-4			322	29667	B.M. 56-4 SEE PG. #227 FOR DESCRIPTION		

F.B. 3402 Pg. 230
Job No. 5291.49 Division No. Notes Red Plotted Profile
Survey of WATERWORKS DIST. No 29 Date Date No. X-Sec.
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked No.
Indexed Date Date Date

Notes Ck'd by	Survey of WATERWKS DIST #29
Map No.	JN 5291.49 Tape 203 Std 83 °F
Office Work	Surveyed by L.V SMITH
Checked	Notes B JACKSON Date 2-7-69
Date	Indexed

F. B. 3402 PG. 231



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

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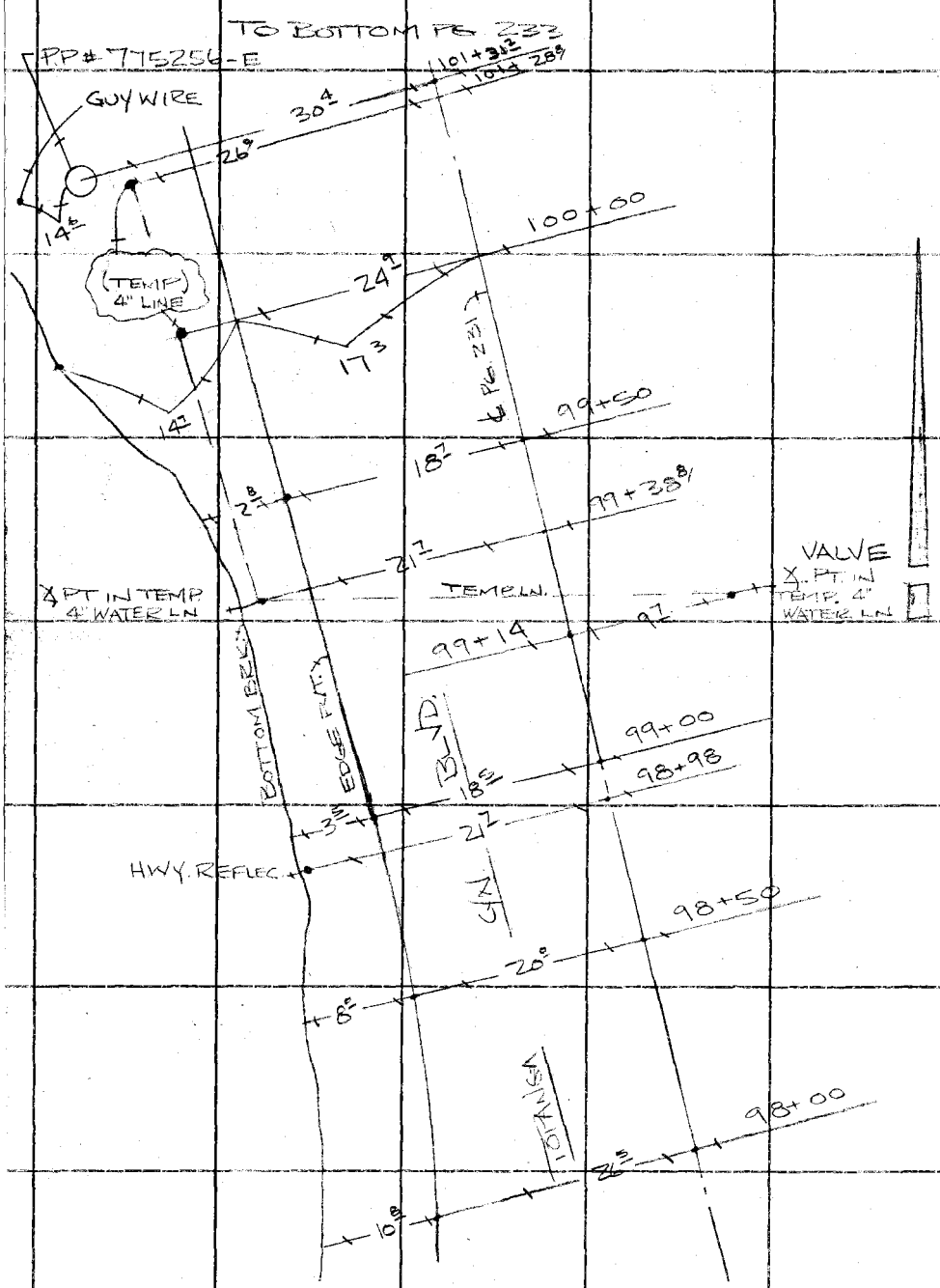
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3402 PG. 232

SECTION "E"

TOPANGA BRANCH FEEDER UNIT NO. 2, PLAN 1962, SHEET NO. 29,128



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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.

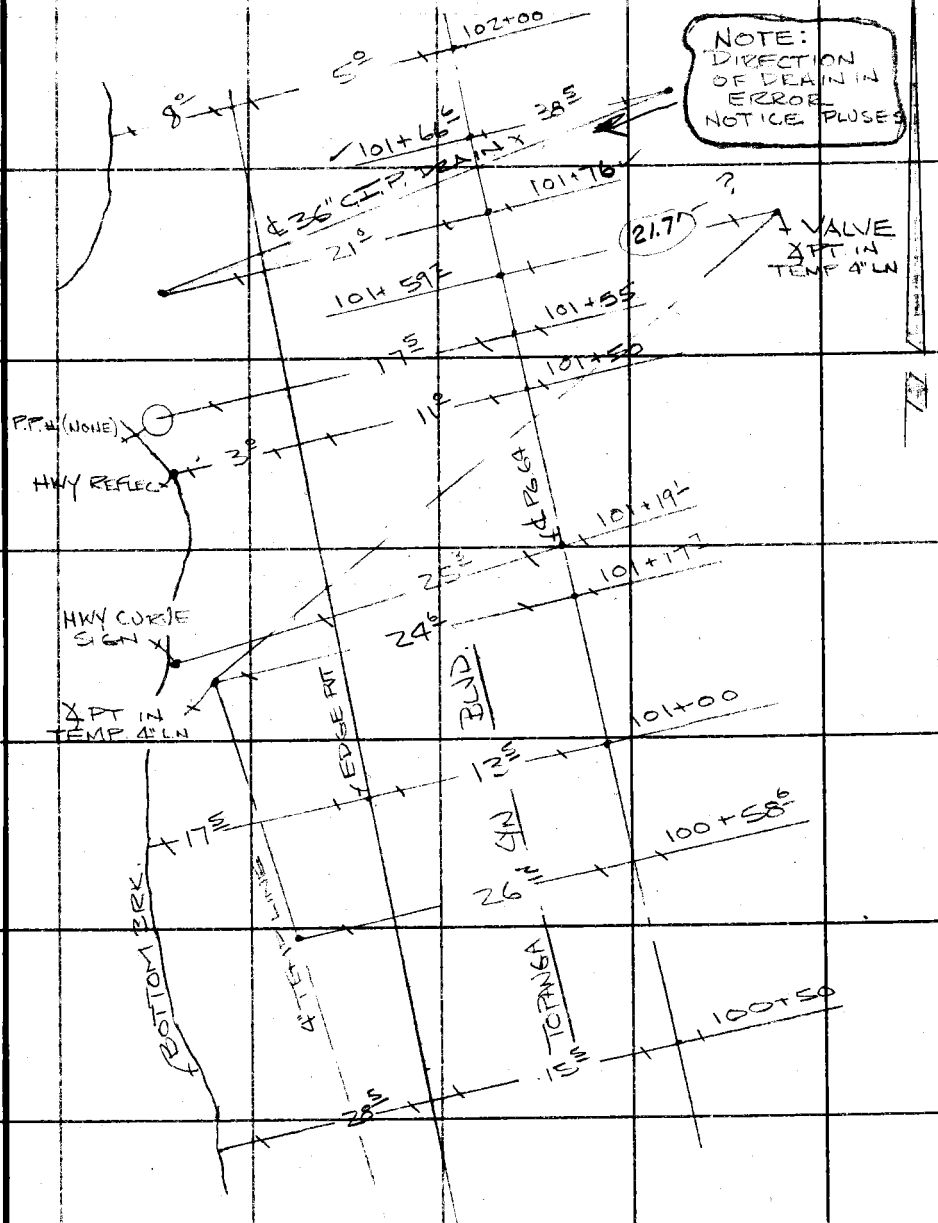
Notes Ck'd by	Survey of WATERWKS DIST. #29
Map No.	JN 29149 Tape 20 Std. 84 °F
Office Work	Surveyed by L V SMITH
Checked	Notes B. JACKSON Date 7 69
Date	Indexed

F. B. 3402 PG. 233

SECTION E

TOPANGA BRANCH FEEDER UNIT NO. 2, PLAN 1962 SHEET NO 29.

12.8



TO TOP PG. 232

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.

16F309S CE#310 3-68

F. B. 3A02 PG. 234

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Profile No.	Notes Red	Plotted	Job No. 5291.49	Division No. 11	F.B. 3402	Pg. 235
	Date	Date	Survey of WATERWORKS DISTRICT No 29			
X-Sec.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S	Date 2-7-69	
No.	Date	Date	Map No.	Indexed	Date	

WATERWORKS DISTRICT #29
EMERGENCY RELOCATION OF STORM DAMAGED WATERMAINS SECTION "E"

CROSS SECTION OF TOPANGA CN. BLVD. W'LY HALF WIDTH OF ROAD FROM STATION 98+00 TO 102+00

STATIONING PLUS = SCALED STATIONING OF PIPELINE PLUS PLAN SHEET 29-12-8 TOPANGA BRANCH FEEDER UNIT #2 1962

J.N. 5291.49
FEB. 7, 1969

	REF	PARTY
ELEV.		
F.S.	F.B. 2661 F.B. 2671	L.V. SMITH B.R. JACKSON V.L. HUCKABY
H.I.		R. BLANCHARD
B.S.		
STATION		

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-1296 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT ℄ RIGHT
B.M. 56-4	797	304 64		296 67	B.M. 56-4 - (F.C. 117-F 54) F.B. 2832-10 1960 PREL. ELEV. 296.674 TOPANGA CANYON ROAD; 2.0 MILES N'LY FROM PACIFIC COAST HWY. ON N W'LY CORNER OF BRIDGE #53-143 17.5 W'LY FROM CENTER LINE OF TOPANGA CANYON ROAD, ON TOP OF F.C. RECORDER STATION #57, FD. A STD. F.C. B.M. BRASS CAP PLACED IN CONCRETE.
T.P.	752	311 31	085	303 79	
98+00			496	306 35	℄
			627	305 04	26.5' EDGE PVMT.
			69	304 4	37.3' BOT. BRK.
98+50			480	306 51	℄
			597	305 34	20.0 EDGE PVMT.
			63	305 0	28.0 BOT. BRK.
99+00			479	306 52	℄
			584	305 47	18.5 EDGE PVMT.
			60	305 3	22.0 BOT. BRK.

F.B. 3402 PG. 236 Job No. 5291-49 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of WATERWORK DIST No 29 Date ___ Date ___ No. ___
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed ___ Date ___ Date ___ Date ___ No. ___

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	℄	RIGHT
		311 31					
T.P.	568	312 38	461	306 70			
99+50			550	306 88		℄	
			652	305 86	18 2 EDGE PVMT.		
			65	305 9	21 5 BOT. BRK		
100+00			522	307 16		℄	
			561	306 77	17 3 EDGE PVMT.		
			51	307 3	32 0 BOT. BRK		
100+50			472	307 66		℄	
			497	307 41	15 5 EDGE PVMT.		
			29	309 5	44 0 BOT. BRK		
101+00			380	308 58		℄	
			406	308 32	13 5 EDGE PVMT.		
			33	309 1	31 5 BOT. BRK.		
101+50			276	309 62		℄	PROD. NOTE
			306	309 32	11 0 EDGE PVMT.		SEE F.B. 2671-197 FOR ELEV. OF 36" C.I.P.
			24	310 0	14 0 BOT. BRK.		
102+00			148	310 90		℄	PROD.
			171	310 67	5 0 EDGE PVMT		
			21	310 3	13 0 BOT. BRK.		

Profile No. ____ X-Sec. ____ Notes Red ____ Date ____ Notes Chkd. ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____ Job No. 529-48 Division No. 11 Survey of WATERWORKS DIST. NO. 29 Survey by L.V. SMITH Notes L.V.S. Date 2-7-69 Map No. ____ Indexed ____ Date ____

F.B. 3402 Pg. 237

F.B. 3402 Pg. 238 Job No. 5291.49 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of WATERWORKS DIST. No. 29 Date ____ Date ____ No. ____

Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. ____ Checked ____ X-Sec.

Indexed ____ Date ____ Date ____ Date ____ No. ____

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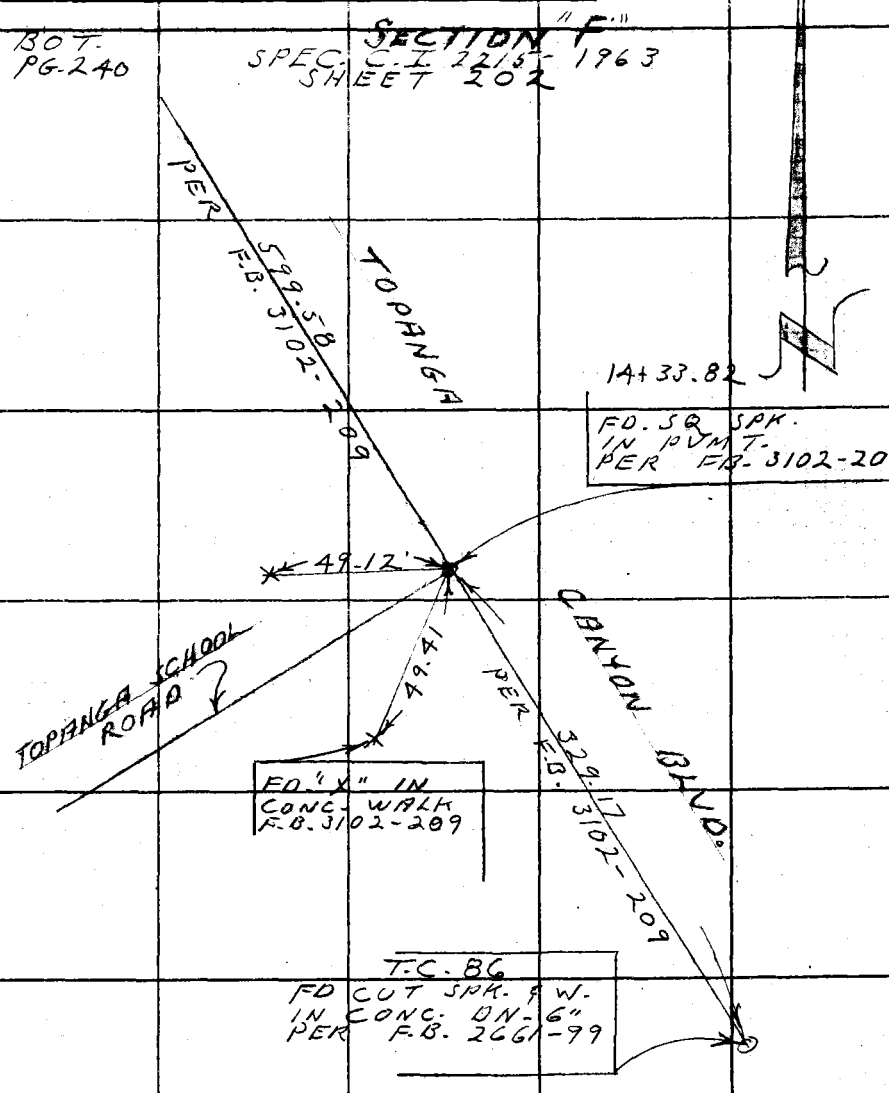
STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.		312 38				
T.P.	427	310 97	568	306 70		
B.M. 56-4	111	304 90	718	303 79		
			823	296 67	B.M. 56-4 (F.C. 117-F54) F.B. 2832-10	
					1960 PREL. ELEV. 296.674	
					SEE PG. 236 FOR DESCRIPTION	

Notes Ck'd by	Survey of WATER WORKS #29
Map No.	JN 5291-49 Tape 203 Std 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes Date
Date	Indexed

F. B. 3402 PG. 239



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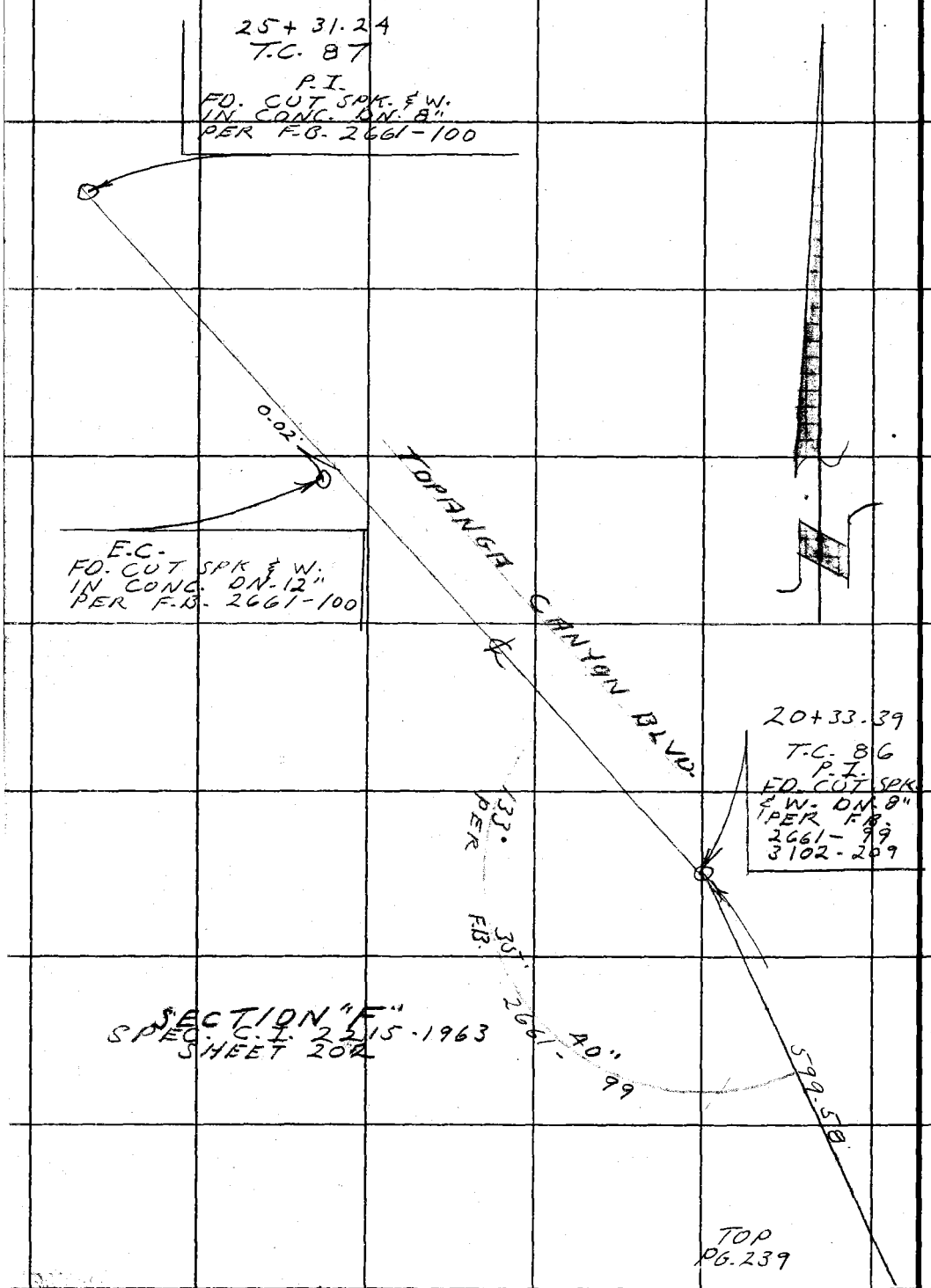
16F3095 CE#310 3-68

F. B. 3402 PG 240



SECTION "F"
SPEC. C.I. 2215-1963
SHEET 202

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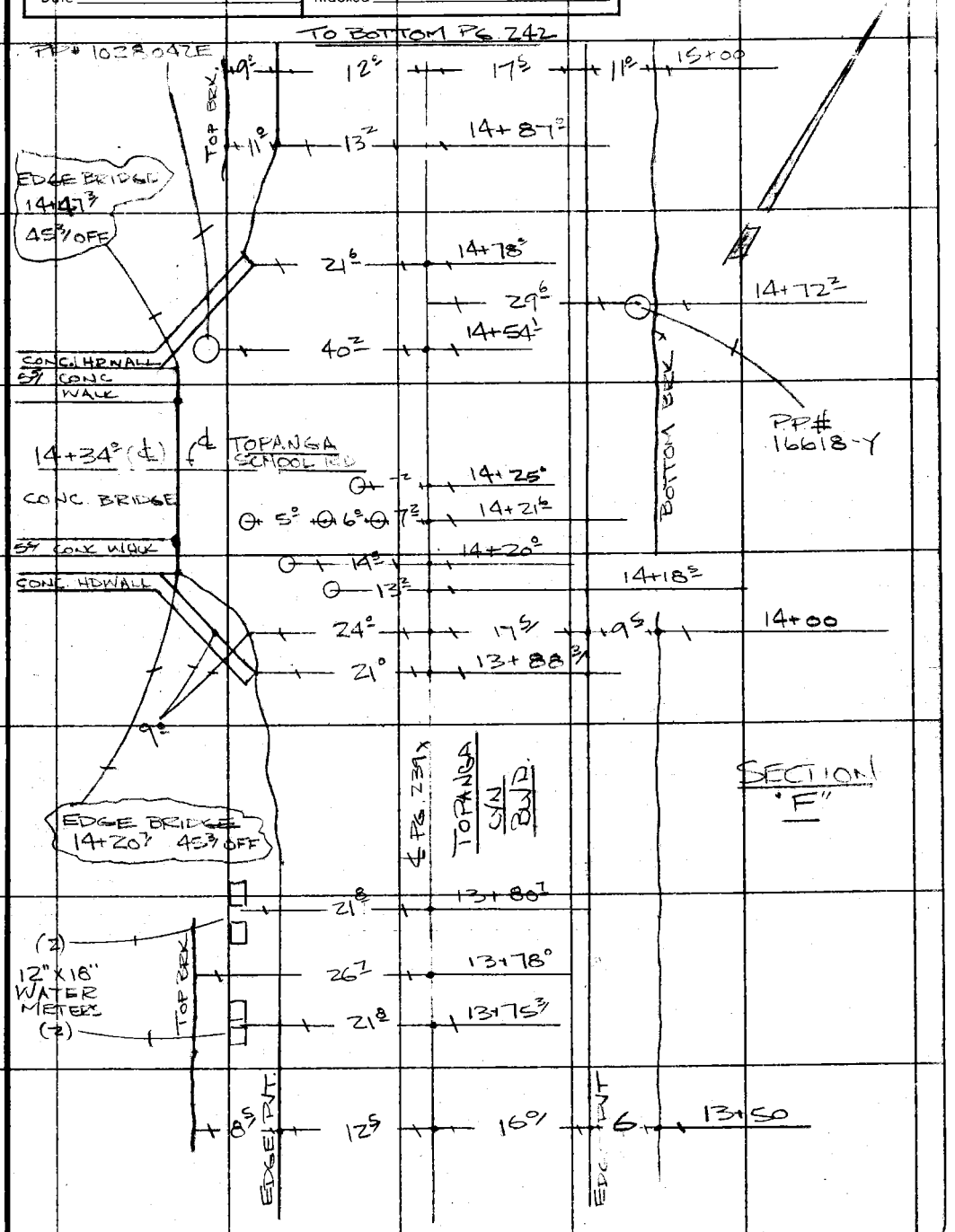
Notes Ck'd by	Survey of WATERWORKS DIST 29
Map No.	JN 5291.49 Tape 20 Std 84 °F
Office Work	Surveyed by L V SMITH
Checked	Notes E JACKSON Date 2-7-69
Date	Indexed

F. B. 3402 PG. 241



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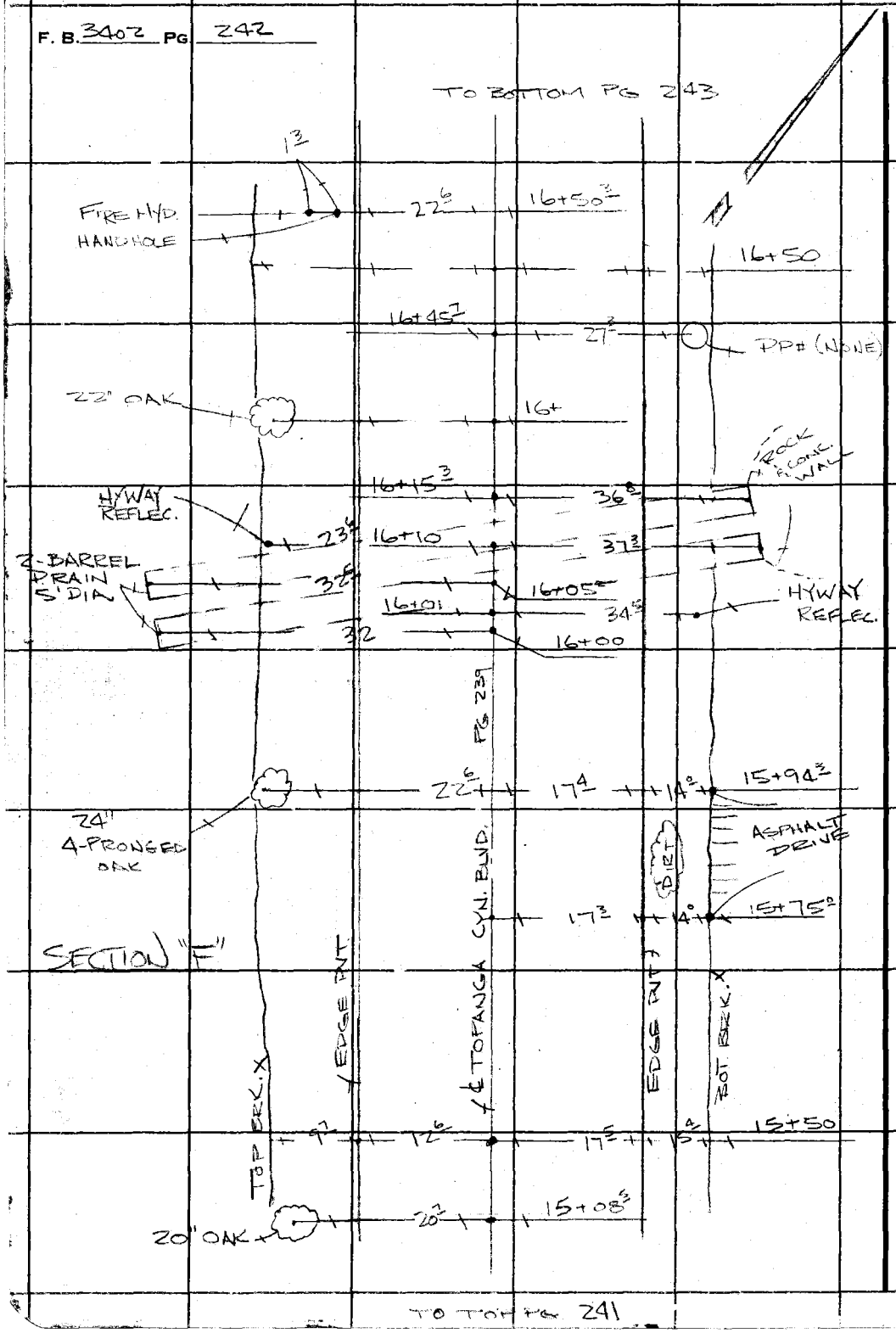
76F309S CE#310.3-68

F. B. 3402 PG. 242

TO BOTTOM PG 243



TO TOP PG 241

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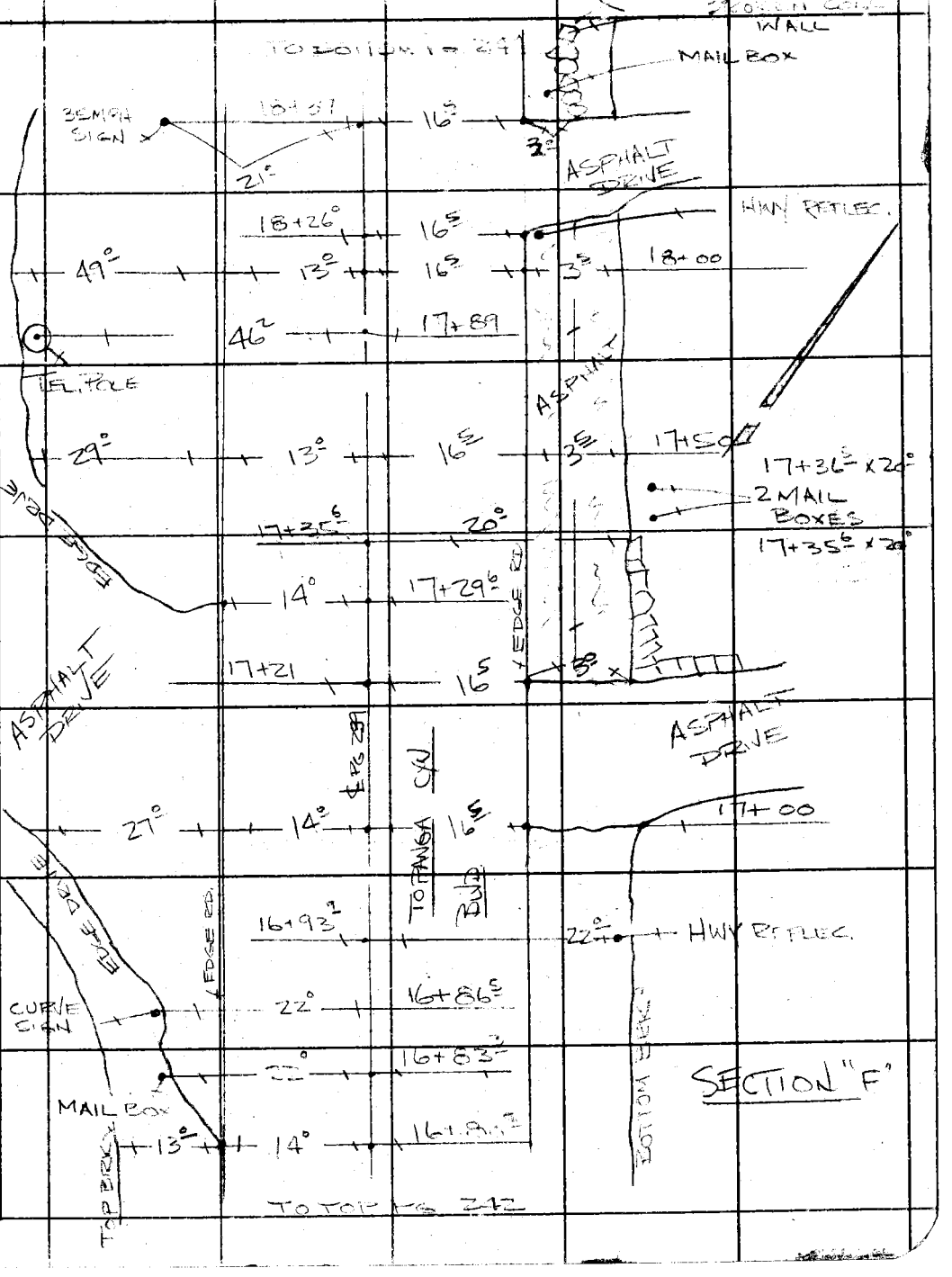
Notes Ck'd by	Survey of WATERWORKS DIST #29
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. 2407 PG. 243



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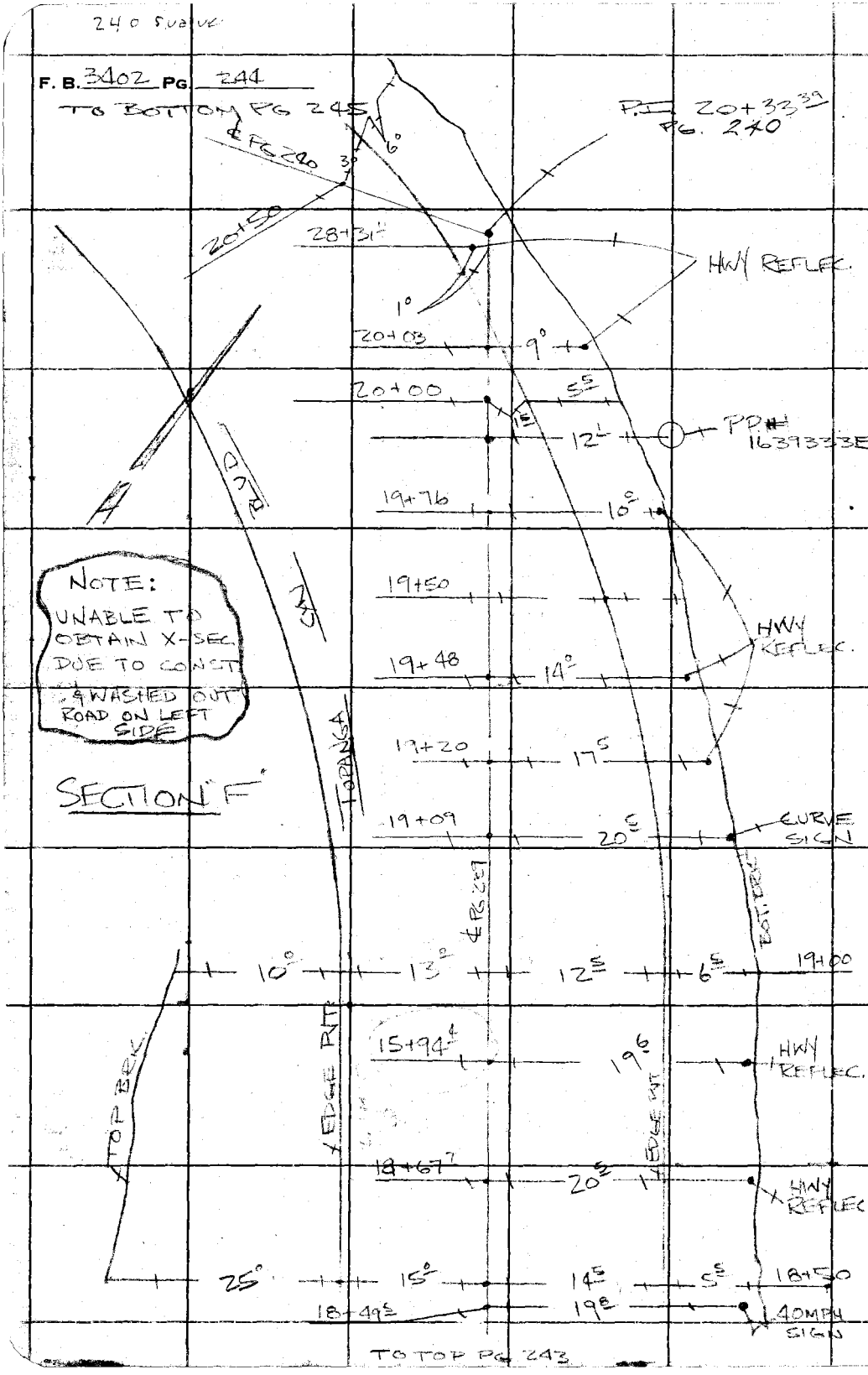
76F309S CE#310 3-68

240 Suave

F. B. 3402 PG. 244

TO BOTTOM PG 245



NOTE:
UNABLE TO OBTAIN X-SEC. DUE TO CONST. & WASHED OUT ROAD ON LEFT SIDE

SECTION "F"

TO TOP PG 243

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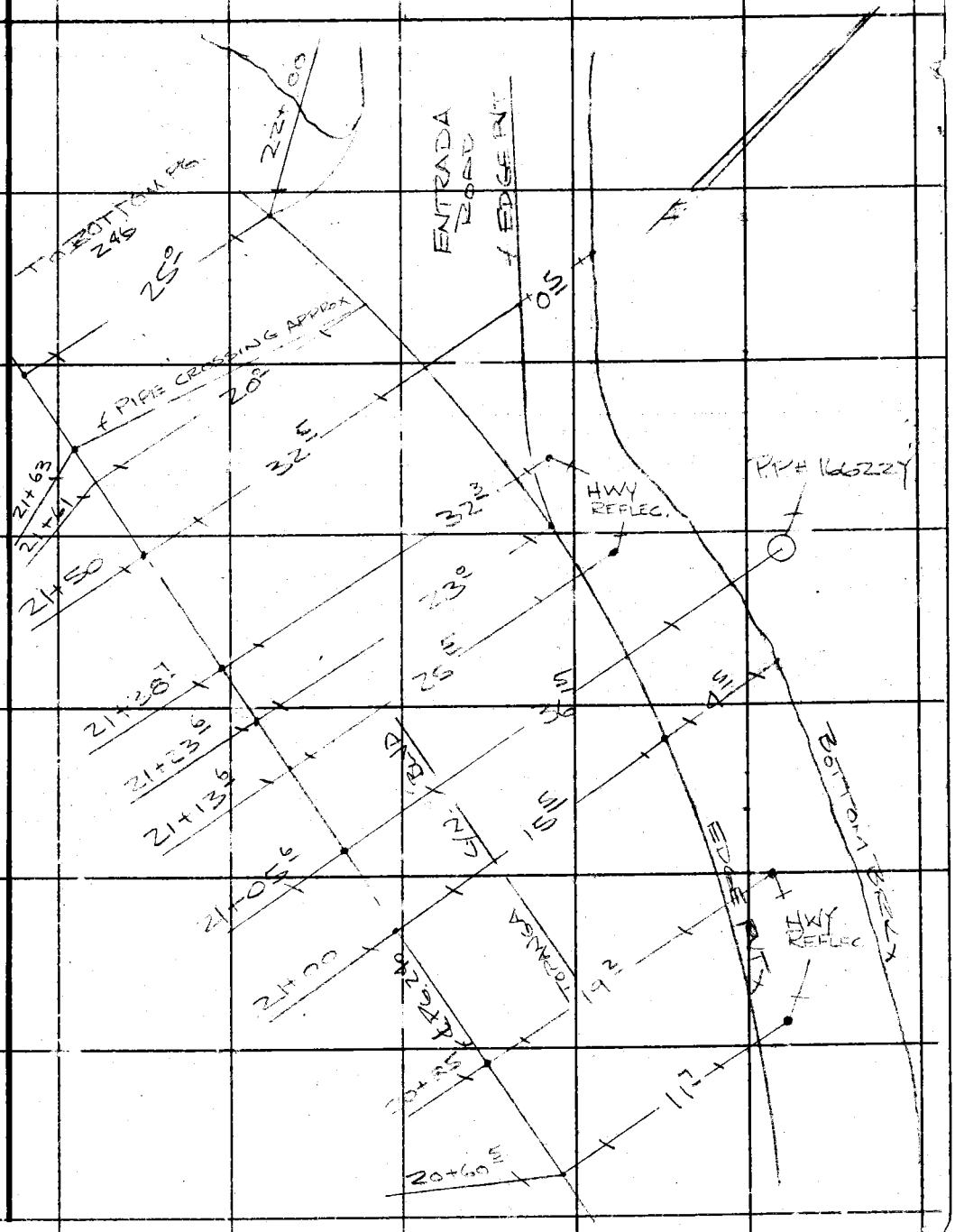
Notes Ck'd by	Survey of WATERWORKS DIST #29
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F
Office Work	Surveyed by L.N. SMITH
Checked	Notes [illegible] Date [illegible]
Date	Indexed

F. B. 2402 PG. 245



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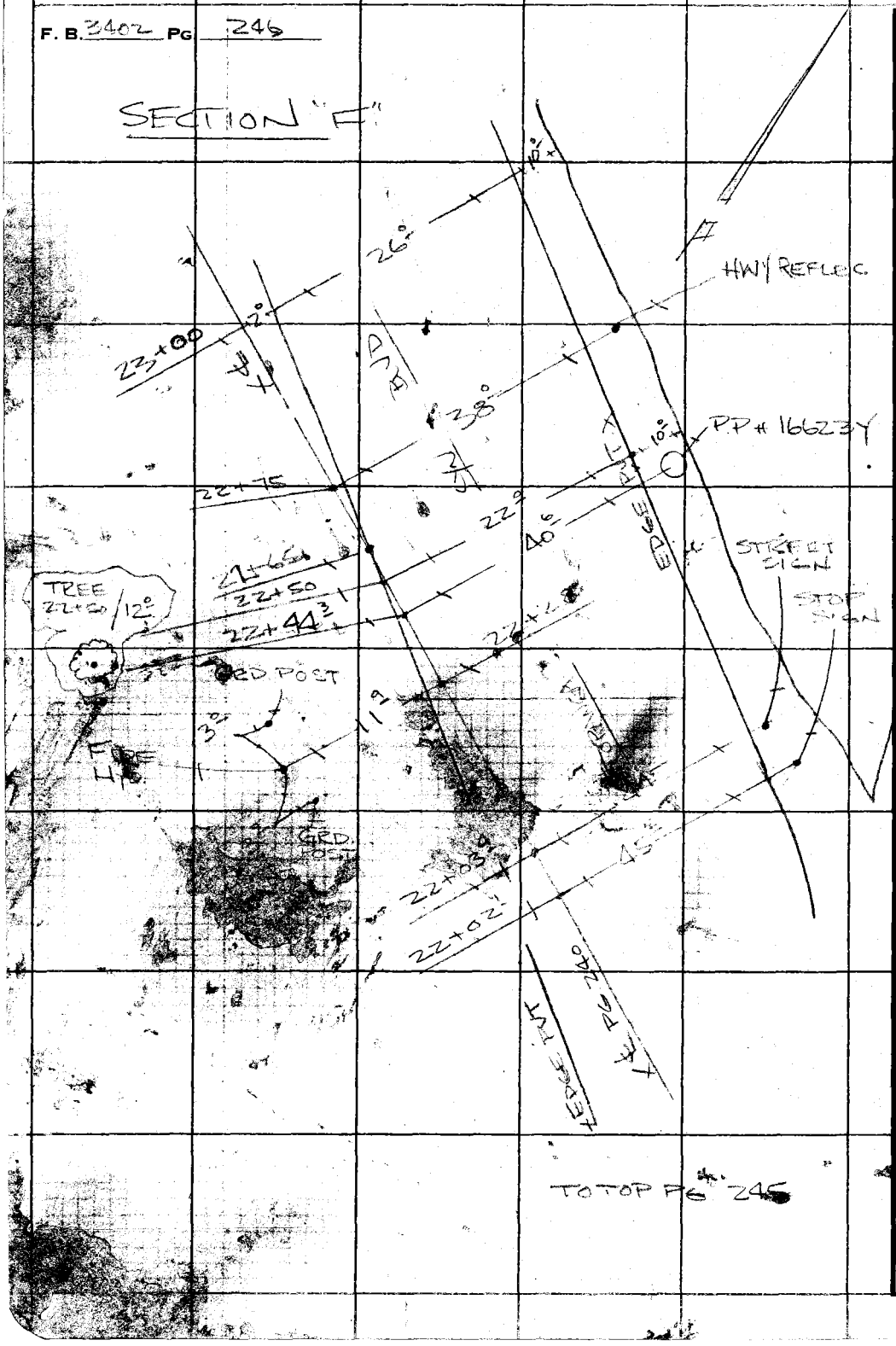
76F309S CE#310 3-68

F. B. 3402 PG 246

SECTION "F"



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Profile No.	Notes Red	Plotted	Job No. 5291-49	Division No. 11	F.B. 3402	Pg. 247
	Date	Date	Survey of TOPANGA W.W. DIST. #29			
X-Sec.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 2-1-69	
No.	Date	Date	Map No.	Indexed	Date	

WATERWORKS DISTRICT
Nº 29

J.N. 5291.49

EMERGENCY RELOCATION OF
STORM DAMAGED WATERMAINS
CROSS SECTION OF TOPANGA CANYON
BLVD FROM STA. 13+50 TO 26+00
PER SPEC. C.I. 2215-1963 SHEET 202
(TOPANGA SCHOOL ROAD NLY. "300'
± NLY. OF ENTRADA ROAD.)

FEB. 1, 1969

SECTION "F"

STATIONING PLUS = PLUS PER
PLAN SHEET 202 SPEC. C.I. 2215
OF 1963

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

REF.
FB 2661

PARTY
L.V. SMITH
B.R. JACKSON
V.L. HUCKABY
D. FISHER
J.D. MAHER

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	℄ RIGHT
BM-56-9	291	77348		77057	B.M. 56-9 F.B. 2832-15	
					1960 PREL. ELEV. = 770.570	
					TOPANGA CANYON ROAD & TOPANGA SCHOOL	
					RD. CO. ENGR BRASS CAP B.M. MK'D.	
					B.M. 56-9 R.E. 5869 1960 IN N'LY	
					SIDE OF BRIDGE AT ELY END	
13+50			485	76863		℄
			417	76931		16' - EDGE PVMT
			38	7695		22' - BOT. BRK
			588	76760	12.5' EDGE PVMT.	
			62	7673	16.5 BOT BRK.	
			59	7676	20.0' TOP BRK	
14+00			426	76922		℄
			484	76864		17.5 EDGE PVMT.
			31	7704		27.0 BOT BRK.
			482	76866	11.5 PVMT.	
			520	76828	22.5 EDGE PVMT.	
14+50			372	76976		℄
			336	77012		18.5 EDGE PVMT.
			27	7708		28.5 BOT. BRK
			441	76907	12.0 PVMT.	

F.B. 3402 Pg. 248
Job No. 5291.49 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of W.W. DIST. #29 - TOPANGA CN. BLVD Date ____ Date ____ No. ____
Survey by L.V. SMITH Notes B.R. JACKSON Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	℄	RIGHT
		773 48					
14+50			428	769 20	40° EDGE PVMT		
15+00			310	770 38		℄	
			286	770 62			17.5' EDGE PVMT
			25	771 0			23.5 TOP BRK.
			34	770 1			26.5 BOT BRK
			391	769 57	12° EDGE PVMT.		
			35	770 0	21° TOP BRK		
15+50			266	770 82		℄	
			248	771 00			17°' EDGE PVMT.
			18	771 7			26° TOP BRK.
			29	770 6			BOT "
			333	770 15	12.5 EDGE PVMT		
			33	770 2	21.5 TOP BRK.		
T.P.	674	776 78	344	770 04			
16+00			553	771 25		℄	
			542	771 36			16° EDGE PVMT.
			48	772 0			34° DIRT
			607	770 71	12° EDGE PVMT.		
			63	770 5	21° TOP BRK		

Profile Notes Red ____ Plotted ____ Job No. 291-49 Division No. 11 F.B. 3402 Pg. 249
No. ____ Date ____ Date ____ Survey of W.W. DIST. #29 TOPANGA CN. BLVD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 2-1-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	℄	RIGHT
		776.78					
16+50			497	771 81		℄	
			482	771 96			15' EDGE PVT.
			500	771 78			25' BOT. BRK.
			562	771 16	12.5' EDGE PVT.		
			600	770 78	26.5 TOP BRK		
17+00			448	772 30		℄	
			421	772 57			15.5' PVT.
			428	772 50			21' EDGE PVT.
			40	772 8			22' BOT. BRK.
			509	771 69	12.6 EDGE PVT		
			532	771 46	23.0 PVT		
			48	772 0	32.5 TOP BRK.		
17+50			395	772 83		℄	
			372	773 06			20' EDGE PVT BOT BRK
			461	772 17	13' EDGE PVT.		
			50	771 8	17' FLOW LINE		
			37	773 1	42' TOP BRK.		
T.P.	6.25	779.48	355	773.23			
18+00			614	773 34		℄	
			555	773 93			20' EDGE PVT BOT BRK

F.B. 3402 Pg. 250

Job No. 5291-49 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of W.W. DIST #29 - TOPANGA CN BLVD. Date ____ Date ____ No. ____

Survey by L.V. SMITH Notes B.R. JACKSON Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	℄	RIGHT
18+00		779.48	684	772 64	13° EDGE PVT		
			70	772 5	15° FLOW LINE		
			60	773 5	49' TOP BRK		
18+50			558	773 90		℄	
			520	774 28			14° EDGE PVT
			50	774 5			19° BOT. BRK.
			665	772 83	15' EDGE PVT. (FLOW)		
			45	775 0	40' TOP BRK.		
19+00 APPROX START OF WASHED OUT AREA. NOTE			483	774 65		℄	
			403	775 45			12° EDGE PVT
			48	774 7			19' FLOW LINE (BOT)
			576	773 72	13' EDGE PVT		
			55	774 0	19' BOT BRK - NEW DIRT		
			46	774 9	23' TOP " " "		
19+50			389	775 59		℄	
			329	776 19			9° EDGE PVT
			38	775 7			11° FLOW LINE
			32	776 3			13° BOT BRK
			42	775 3	5° NEW DIRT		
			46	774 9	15° " "		
			37	775 8	24° TOP BERM		

Profile Notes Red ____ Plotted ____ Job No. 5221.49 Division No. 11 F.B. 3402 Pg. 251
No. ____ Date ____ Date ____ Survey of W.W. DIST. No. 29 - TOPANGA CN. BLVD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes B.R.J. Date 2-2-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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1-19-98

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	℄ RIGHT
		779.48				
20+00			258	776.90		℄
			258	776.90		1.5 EDGE PVT
			33	776.2		7° FLOW LN. (BOT BRK)
			32	776.3	9° NEW DIRT	
			32	776.3	25° " "	
			25	777.0	TOP BERM	
20+50			210	777.38		℄
			24	777.1		3° FLOW LINE
			00	779.5		9° SIDE HILL
			26	776.9	12° NEW DIRT	
			26	776.9	27° " "	
			17	777.8	31° TOP BERM	
T.P.	469	781.24	293	776.55		
21+00			45	776.7		℄ NEW DIRT
			370	777.54		15.5 EDGE PVT
			38	777.4		20° FLOW LINE
			45	776.7	11.5 NEW DIRT (BRK)	
			30	778.2	18 TOP BERM	
21+50			43	776.4		℄ NEW DIRT
			301	778.23		32' EDGE PVT (BRK)

F.B. 3402 Pg. 252
Job No. 291.49 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of W.W. DIST. No. 29 TOPANGA CYN. BLVD. Date ____ Date ____ No. ____
Survey by L.V. SMITH Notes B.R. JACKSON Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	℄ RIGHT
		781 24				
21+50			50	776 2	5S NEW DIRT	
			33	777 9	10° TOP BERM	
			37	777 5	18° " " , BRK	
T.B.M.	188	781.83	129	779.95	T.B.M. FD LG BT SPK IN PP# 16623Y EVELATION · 779.98 FB 3402-14	
22+00			491	776 92		℄ (PVT)
			397	777 86		25' EDGE PVT.
			36	778 2		32' BOT BRK
			012	781 71		44° (PVT) (ENTRANCE DRIVE)
			530	776 53	4° EDGE PVT	
			57	776 1	7° FLOW LINE	
			51	776 7	15° TOP BRK	
22+50			396	777 87		℄ (PVT)
			376	778 07		27° EDGE PVT
			36	778 2		37° BOT BRK
			406	777 77	1S EDGE PVT	
			44	777 4	5° BOT BRK	
			35	778 3	9S TOP "	
23+00			30	778 8		℄ (DIRT)
			292	778 91		2° EDGE PVT

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5291.49 Division No. 11 F.B. 3402 Pg. 253
X-Sec. No. ____ Date ____ Date ____ Survey of W. W. DIST. No. 29
Notes Chkd. ____ Checked ____ Survey by L. V. SMITH Notes B.R.S. Date 2-2-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	℄ RIGHT
		781 83				
23+00			3 20	778 63		16° ℄ STREET (PVT)
			3 46	778 37		28° EDGE (PVT)
			3 5	778 3		38° BOT. BRK.
			3 0	778 8	1.5 BOT BRK	
			2 2	779 6	5° TOP "	
			2 6	779 2	2.6 " "	
23+50			1 7	780 1		℄ DIRT BOT BRK
			1 78	780 05		6° EDGE PVT
			2 56	779 27		21° ℄ STREET (PVT)
			3 26	778 57		32.5 EDGE PVT
			2 8	779 0		46° BOT. BRK
			0 8	781 0	2° TOP BRK	
			0 7	781 1	4° DIRT	
24+00			1 6	780 2		℄ DIRT BOT BRK
			0 0	781 8		5.5 TOP BERM
			1 0	780 8		10° BOT BRK
			1 02	780 81		15.5 EDGE PVT
			3 24	778 59		45.5 " PVT
			4 7	777 1		50.5 FLOW LINE
			1 2	780 6		60° SIDE HILL

F.B. 3402 Pg. 254 Job No. 5291.49 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of WATER WORKS DIST. No. 29 Date ____ Date ____ No. ____
Survey by L. V. SMITH Notes B. R. JACKSON Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ Date ____ No. ____

Profile	Notes Red	Plotted	Job No. 5291.49	Division No. 11	F.B. 3402	PG. 255
No.	Date	Date	Survey of WATER WORKS DIST. No 29			
X-Sec.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes B.R.J.	Date 2-2-69	
No.	Date	Date	Map No.	Indexed	Date	

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STATION	B.S.	H.I.	F.S.	ELEV.	
T.P.	2.57	781.83	2.77	779.06	
T.B.M.		781.63	1.68	779.95	TBM FD. LG. BT. SPK. IN PP# 16623 ELEV = 799.98 FB 3402-14

76-1298 CE 307 3-61

F. B. PG.

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76-L288 CE 307 3-61

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Notes Ck'd by	Survey of WATERWORKS DIST #29
Map No.	JN 5011.49 Tape 203 Std 84 °F
Office Work	Surveyed by L V SMITH
Checked	Notes B JACKSON Date 2-17-69
Date	Indexed [redacted]

F. B. 3402 PG. 265

SURVEY OF WATERWORKS
DIST. #29
TOPANGA BRANCH FEEDER
UNIT NO. 2
PLAN 29.12.5
SECTION "B"

EMERGENCY RELOCATION OF
STORM DAMAGED
WATERMAINS

PARTY:
L.V. SMITH
B.R. JACKSON
V.L. HUCKABY
R.G. BLANCHARD.

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76F309S CE#310 3-68

F. B. 3402 PG. 266

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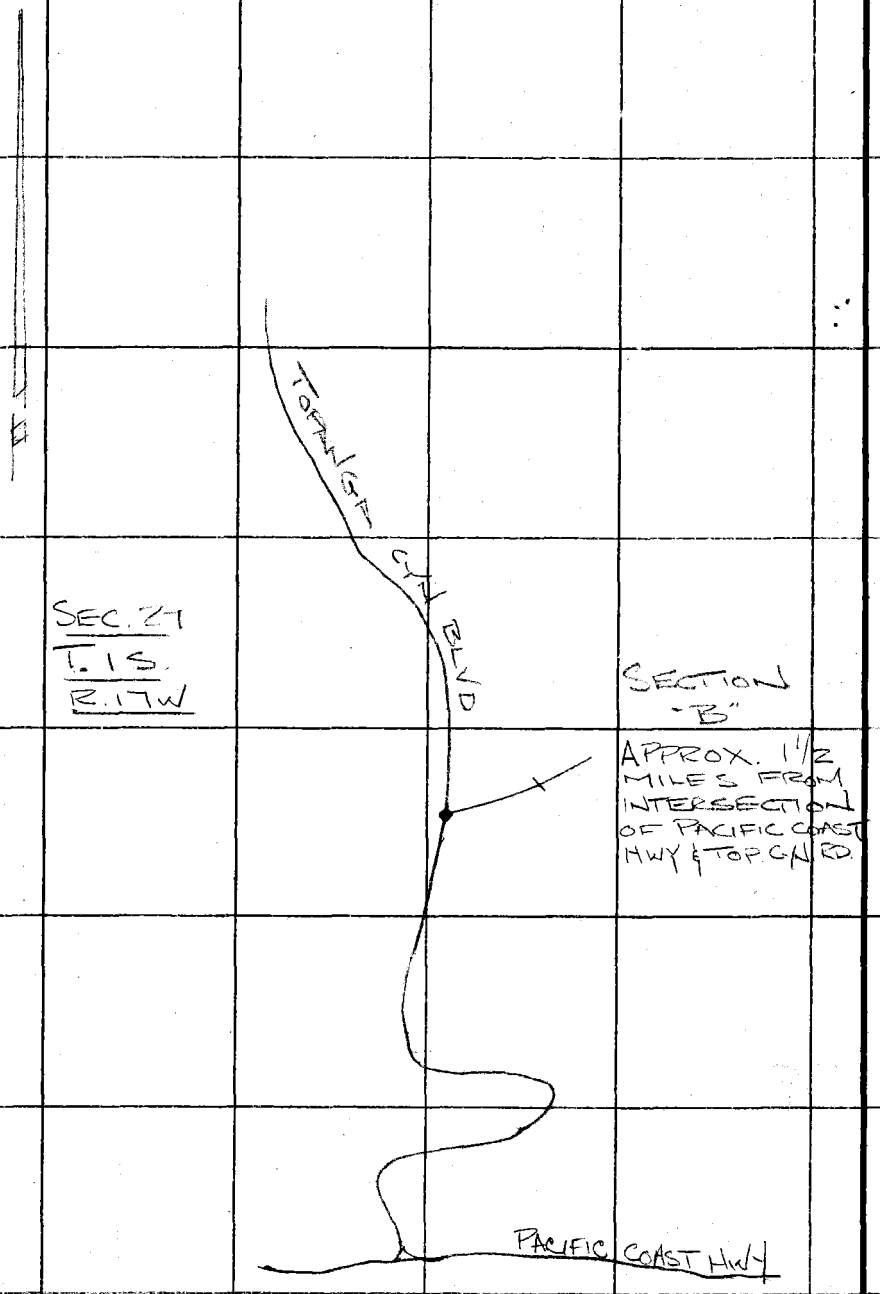
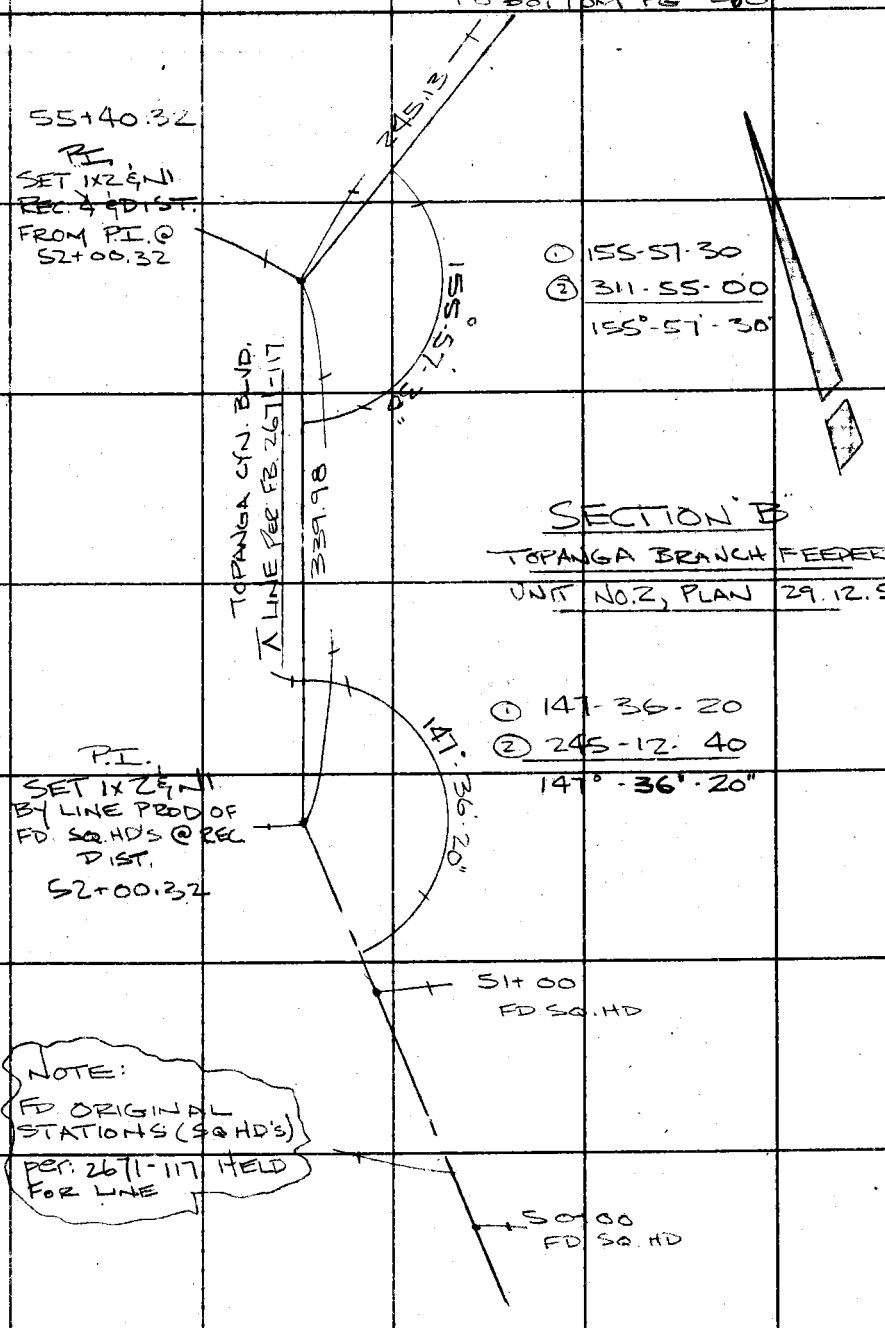


Notes Ck'd by	Survey of WATERWORKS DIST 29
Map No.	JN 529154 Tape 203 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes B JACKSON Date 2-17-69
Date	Indexed R.L. BALLI

F. B. 3402 PG. 267

TO BOTTOM PG 268



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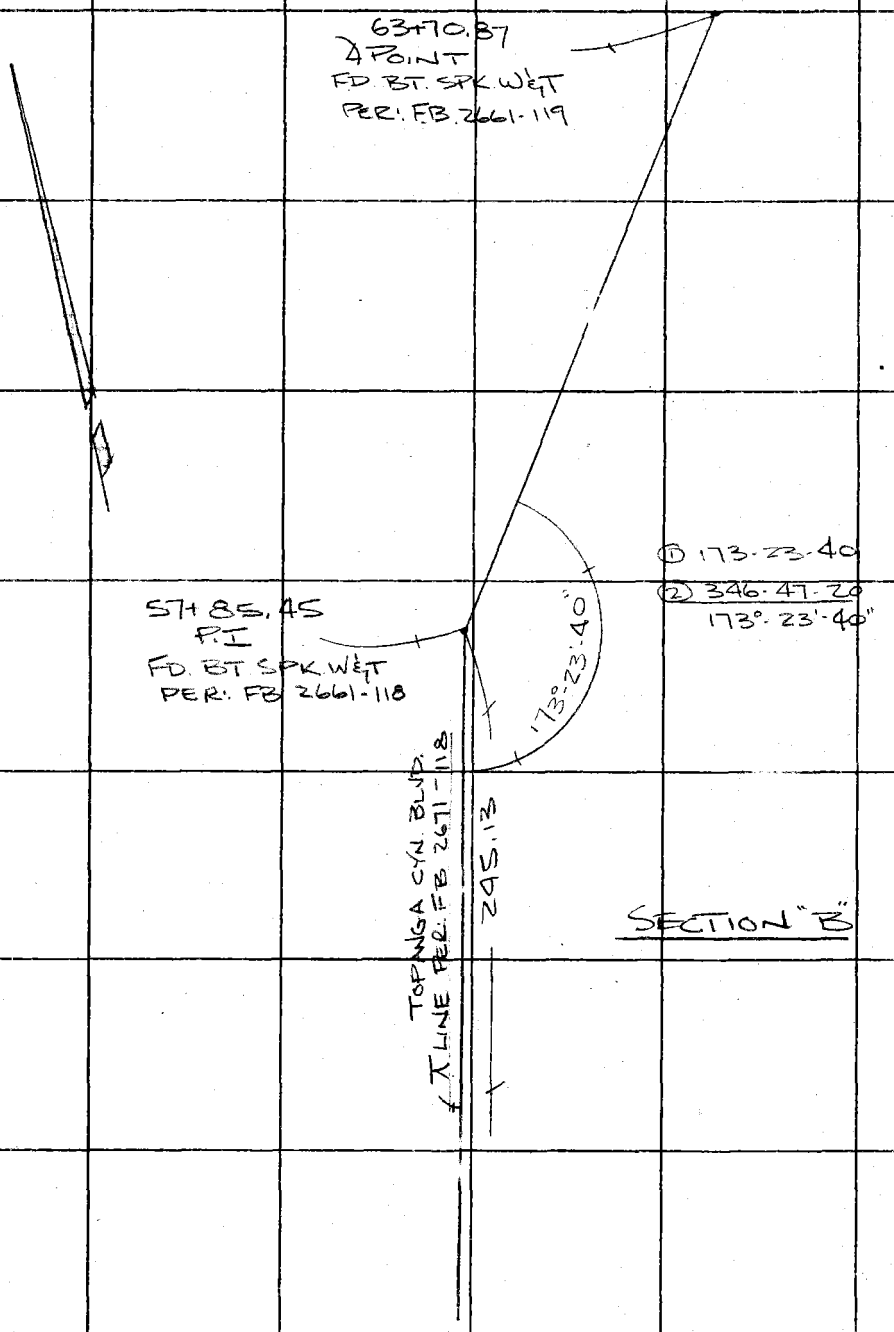
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3402 PG. 268



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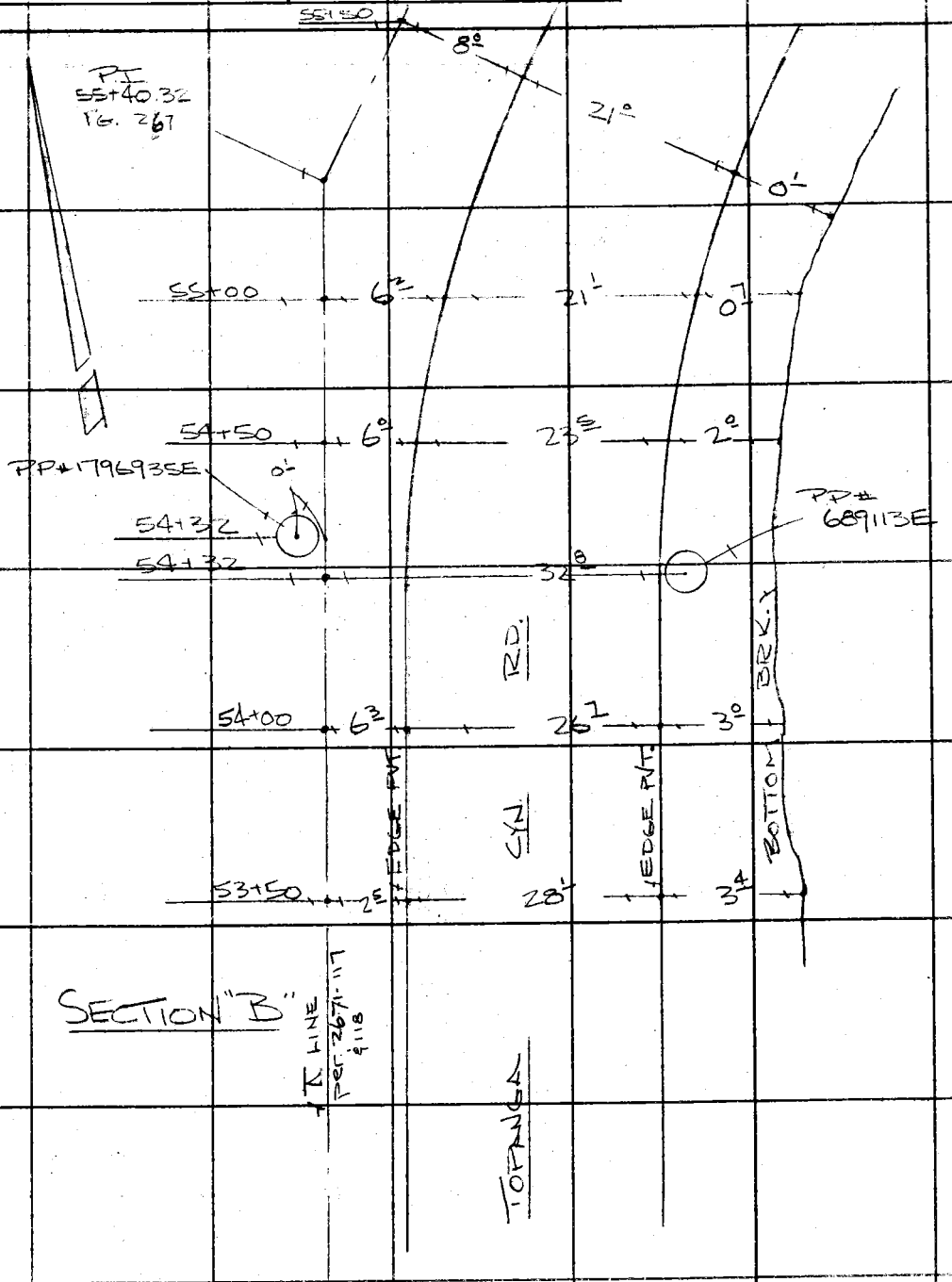
TO TOP PG. 267

Notes Ck'd by	Survey of WATERWKS DIST. 29
Map No.	JN 591.49 Tape 603 Std. 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes B. JACKSON Date 2-17-69
Date	Indexed [redacted]

F. B. 3402 PG. 269

TO BOTTOM PG. 270



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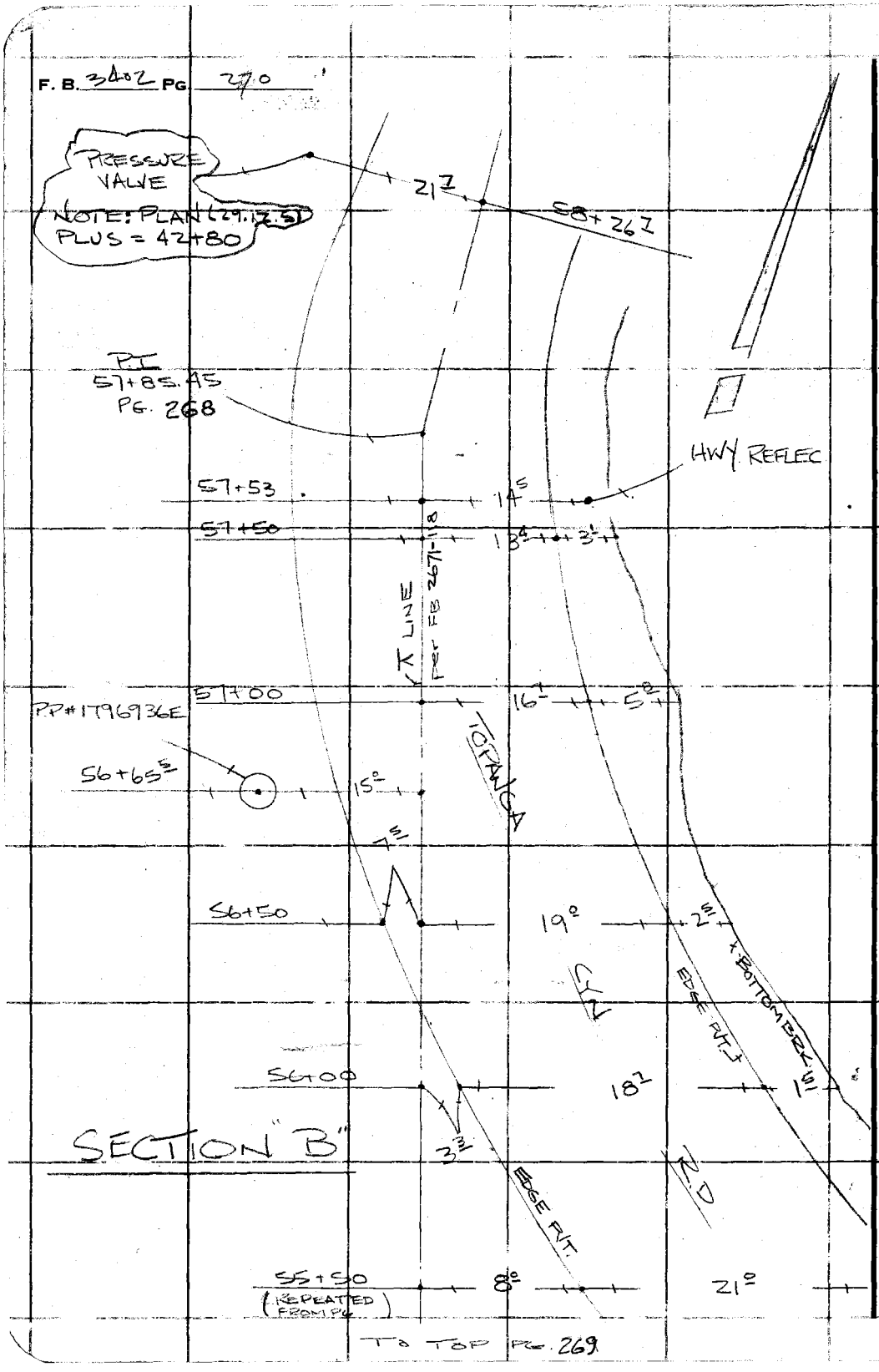
76F309S CE#310 3-68

F. B. 3402 PG. 270



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F.B. 3402 PG. 271

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5291-49 Division No. ____
Date ____ Date ____ Survey of W. W. DIST. Nº 29
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L. V. SMITH Notes L. V. S. Date 2-17-69
Date ____ Date ____ Map No. ____ Indexed [redacted] Date ____

WATERWORKS DISTRICT Nº 29

EMERGENCY RELOCATION OF STORM DAMAGED WATERMAINS CROSS SECTIONS ON TOPANGA CYN. BLVD. ELY HALF WIDTH OF ROAD FROM STA. 53+50 TO 57+50 STATIONING PLUS = STATIONING PER F.B. 2671 PG. 117-118-119

SECTION "B"

J.N 5291.49

TOPANGA BRANCH FEEDER UNIT Nº 2 PLAN 1962 SHEET 29·12·5

ELEV.

REF. F.B. 2671

PARTY
L. V. SMITH
B. R. JACKSON
V. L. HUCKABY
R. BLANCHARD

F. S.

H. I.

B. S.

STATION

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		RIGHT
B.M. 56-2	119	154 77		153 58	B.M. No 56-2	
					TOPANGA CANYON BLVD. 1.1 MI. NLY.	
					FROM PACIFIC COAST HWY. ON E.	
					SIDE OF ROAD, 2.0 FT. E. OF P.P. #	
					689117E, 19.0' FT. E. OF APPARENT ℄	
					OF RD. 175± SO. OF CULVERT ℄	
					MILEAGE MARKER "A-1.25 MI FD.	
					CO - ENGR. B.M. - MON.	
					F.B. 2832-8 ELEV. = 153.582	
T.P.	242	145 90	11 29	143 48		
T.P.	171	137 10	10 51	135 39		
T.P.	192	131 80	7 22	129 88		
53+50			7 48	124 32		2.5 WLY. EDGE PVMT.
			8 88	122 92		30.6 ELY " "
			9 2	122 6		34.0 BOT. BRK
54+00			6 10	125 70		6.3 WLY. EDGE PVMT.
			7 18	124 62		33.0 ELY. " "
			7 8	124 0		39.0 BOT. BRK.
54+50			4 49	127 31		6.0 WLY. EDGE PVMT
			5 56	126 24		30.5 ELY " "
			5 6	126 2		32.5 BOT. BRK.

F.B. 3402 Pg. 272
Job No. 5291.49 Division No. Notes Red Plotted Profile
Survey of WATERWORKS DISTRICT No 29 Date Date No. X-Sec.
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked
Indexed R.L. BAELI Date Date Date No.

76 L 298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		131 80				
55+00			298	128 82		6^{2} WLY. EDGE PVMT.
			425	127 55		27^{3} ELY. " "
			43	127 5		28^{0} BOT. BRK.
55+50			1 80	130 00		8^{0} WLY. EDGE PVMT.
			333	128 47		29^{0} ELY EDGE PVMT. & BOT. BRK.
T. P.	795	138 07	168	130 12		
56 +00			724	130 83		3^{3} WLY. EDGE PVMT.
			838	129 69		22^{0} ELY. EDGE PVMT.
			85	129 6		23^{5} BOT. BRK.
56+50			571	132 36		
			686	131 21		19^{0} ELY. EDGE PVMT.
			71	131 0		21^{5} BOT. BRK.
57+00			427	133 80		
			512	132 95		16^{7} ELY. EDGE PVMT.
			56	132 5		22^{5} BOT. BRK.
57+50			269	135 38		
			344	134 63		13^{4} ELY. EDGE PVMT.
			36	134 5		16^{5} BOT. BRK.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 29149 Division No. ____
Date ____ Date ____ Survey of W. W. DIST. No 29
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L. V. SMITH Notes L. V. S. Date 2-17-69
Date ____ Date ____ Map No. ____ Indexed [redacted] Date ____

F. B. 3402 Pg. 273

F.B. 3402 Pg. 274

Job No. 5291.49 Division No. Notes Red Plotted

Survey of W.W. DIST. #29 Date Date

Survey by L.V.S. Notes L.V. SMITH Notes Chkd. Checked

Indexed R.B. CALL Date Date Date

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[illegible]	[illegible]	[illegible]	F.B.	ELEV.		
		138 07				
T.P.	924	144 62	269	135 38		
T.P.	1128	154 75	115	143 47		
B.M. 56-2			120	153 55	B.M. No 56-2 F.B. 2832-8	
					ELEV. = 153.582	SEE P.G. FOR
					DESCRIPTION	