Survey of
JN Tape Std "F"
Surveyed by
Notes Date
Indexed

F.B. 3287 Pg.

Page	Job	Description
		NAME — JOB NO.
		W.W.DIST. #29 — 5292.87
[illegible]	Horiz.	Horiz. chk. on pipeline mon's on Pacific Coast Hwy. fr. Sunset Blvd. to Bel Aire Club Rd.
[illegible]-420	Elev.	Vert. move chk. on the above 8-17-6[illegible]
[illegible]-21-112	Meas.	Horiz. & Vert. Meas. on the above Jan. 1967
[illegible]-135	Meas.	Charts for mon's of 30" Water line E. of Sunset on Pacific Coast Hwy. 4-13-67
		W.W.DIST. #29 — 5291.52
		30" TOPANGA FEEDER MOV. CONTRACT
[illegible]	Mon's	Add'l mon's in Slide Area on Pacific Coast Hwy. E. of Sunset Blvd.
[illegible]-147	Topo. Loc. of	Breaks in pvmt. on Pacific Coast Hwy.
[illegible]	Horiz.	Movement check 5-21-69 & 6-4-69
[illegible]-203	Elev.	Levels for mon. elev's of 30" waterline E. of Sunset Blvd. on Pacific Coast Hwy. 4-10-69
[illegible]-207	Elev.	Vert. move. chk. on the above. 4-25-69
[illegible]-209-211	Elev.	Levels for monument elev's of 30" waterline on Pacific Coast Hwy., E. of Sunset Blvd. 5-1-69
[illegible]-215	Elev.	Levels for Mon.-same as above. 5-8-69

Microfilmed Jan 86

F.B. 3287 Pg.

Page	Job	Description
217-219	Elev.	on 24" C.M.P. Drain E. of Sunset Blvd. on Pacific Coast Hwy, 5-9-9
221-223	Elev.	on 30" water line 5-22-69
225-226	Elev.	Flow line elev. on 24"CMP 6-4-69
227-229	Levels	for chk on 30" water line 6-5-69
231-234	Levels	Check on Land Movement along 30" Topanga Feeder Line.
235-237	B.M.	Vert. movement check 6-1970
239-254	Vert. & Hor	Control of Mon's of 30" waterline on Pac Coast Hwy from Sunset blvd. E'ly to Bel Air Bay Club Rd. 1-16-80

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Notes Ck'd by M. OSHIMA	Survey of W.W. Dist #29	F. B. 3287 Pg. 5
Map No.	JN 5292.87 Tape 122 Std 84 °F	
Office Work	Surveyed by W J Voge	
Checked	Notes Voge Date 8-17-66	
Date	Indexed C. J. GALLI AUG 25	

WATER WORKS DISTRICT #29

J.N. 5292.87

HORIZONTAL CHECK ON PIPELINE MONUMENTS ON THE PACIFIC COAST HWY., FROM SUNSET BLVD. TO BEL AIRE BAY CLUB ROAD.

REFERENCES USED:
~~F.B. 3164~~
F.B. 3264

PARTY:
W. Voge
R. Strader
W. Barnett
T. Peterson

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R. B. 3287 PG. 6

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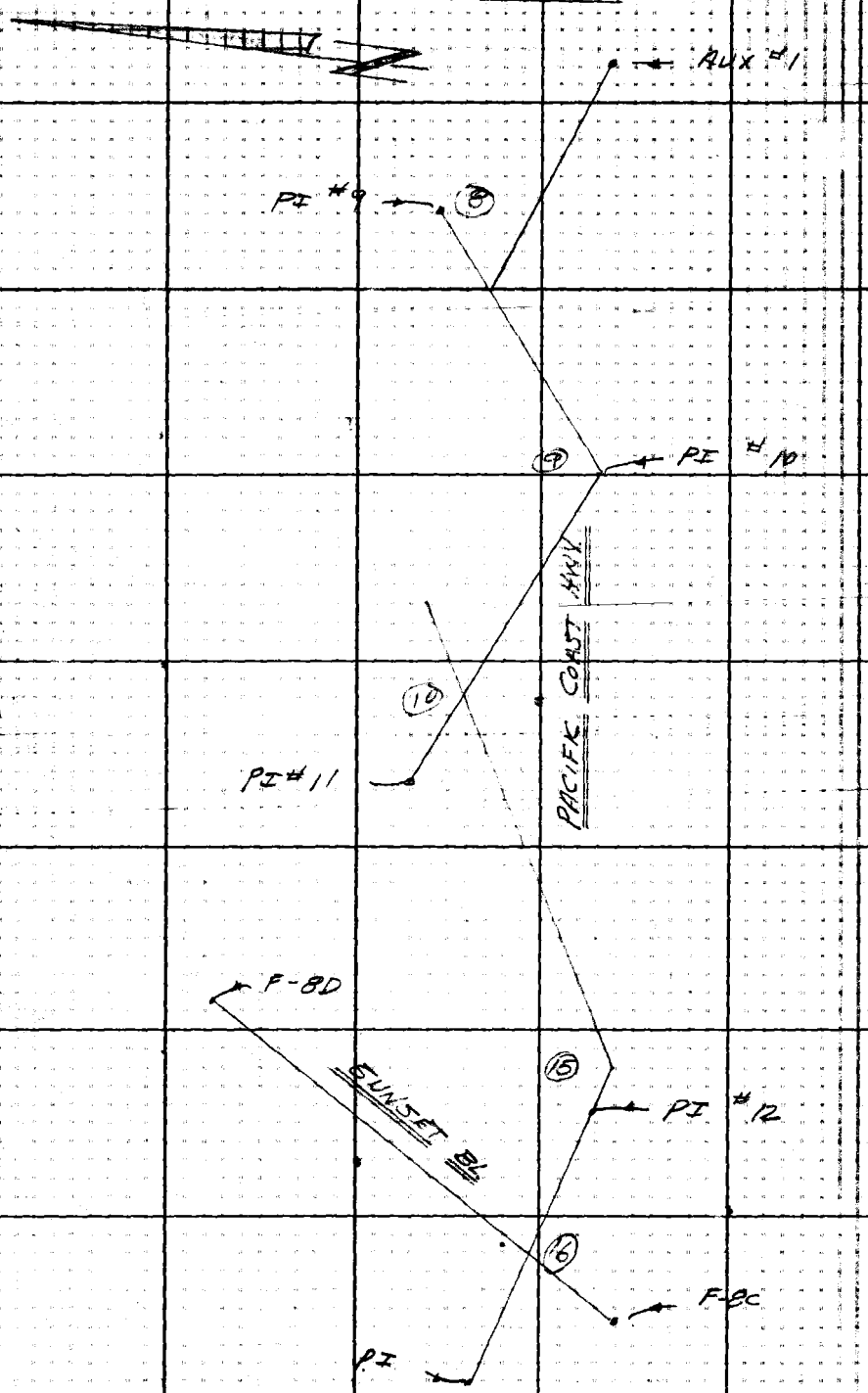

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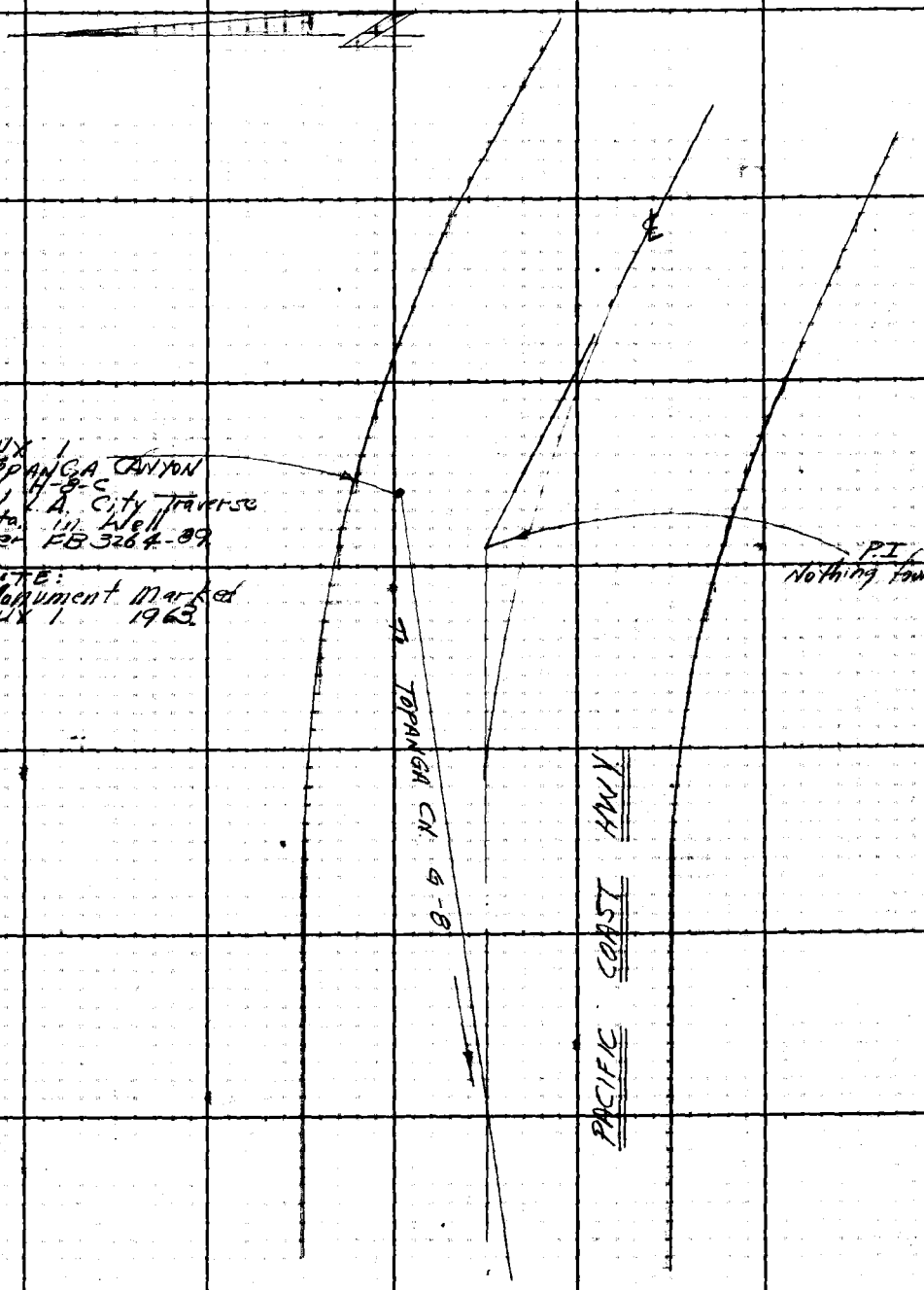
Date	Indexed

F. B. 3287 PG. 7



TO TOP PG. 8

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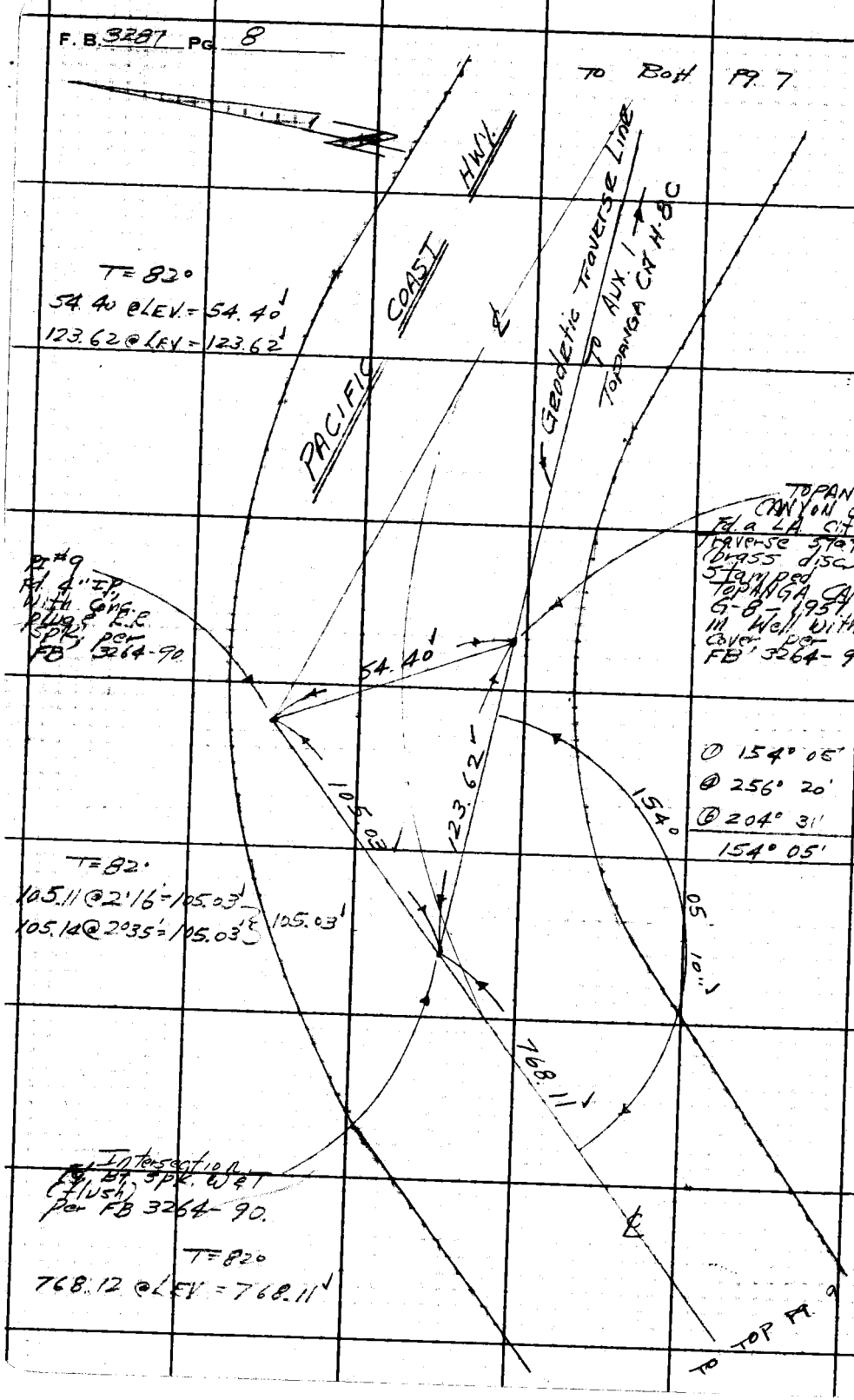

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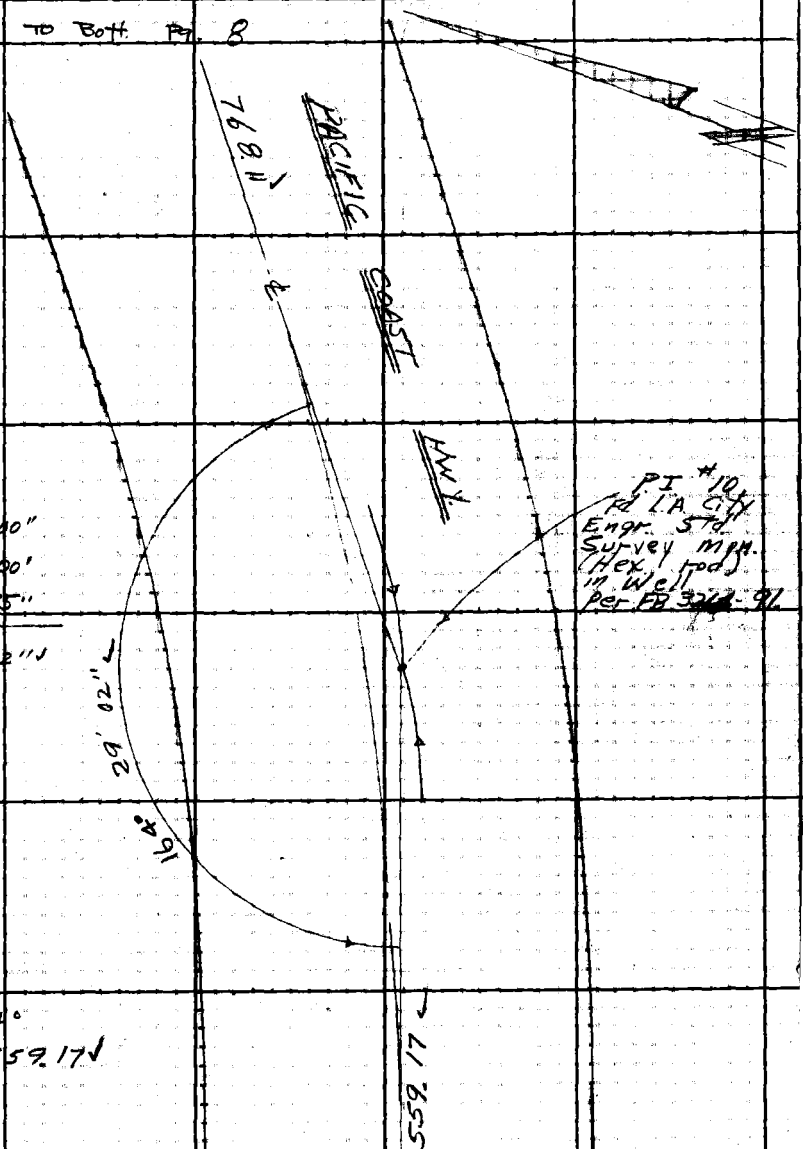
Checked	Notes Voge Date 8-15-66
Date	Indexed C. J. GALLI

F. B. 3287 PG. 9

TO Bott. Pg. 8



① 164° 29' 00"
④ 297° 56' 00"
⑥ 366° 54' 15"

164° 29' 02"

T = 84°

559.17 @ LEV. = 559.17

TO TO P Pg. 10

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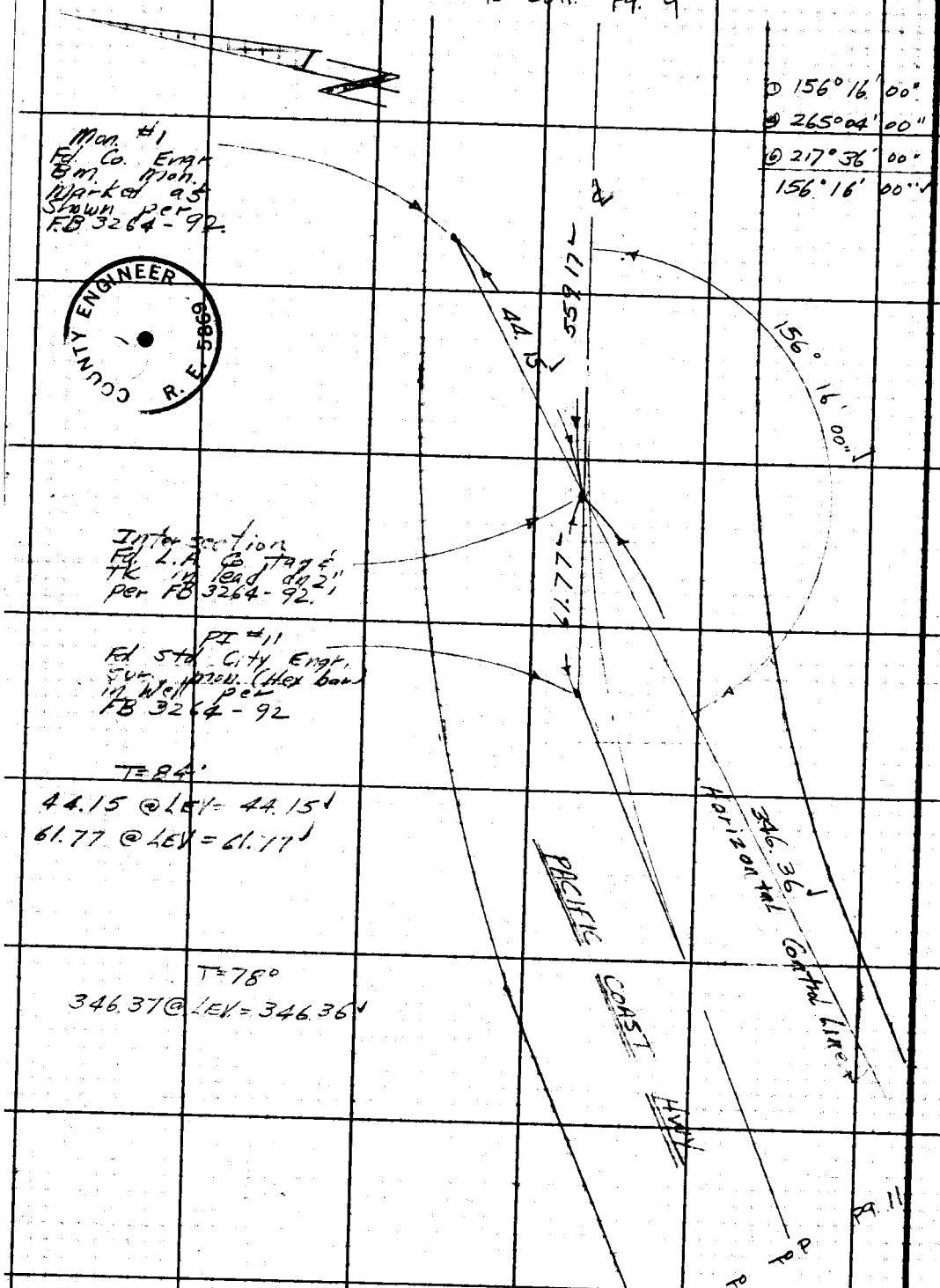
F. B. 3287 PG. 10

TO BOH. PG. 9



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Notes Ck'd by [illegible] OSHIRA
Map No.
Office Work
Checked
Date

Survey of N.W. Dist #27
JN 5292.87 Tape 122 Std 84 °F
Surveyed by W.J. Voge
Notes Voge Date 6-16-66
Indexed [illegible] J. GALLI

F. B. 3287 PG. 11

TO BOTH. PG. 10

COUNTY ENGINEER 2 R. E. 5869

346.36

#2
Fd. Co. Engr. Brass Cap Button mon. in Well Marked as shown per FB 3264-93.

0.01

1.30

2.74

#2A
Fd CH(+) on top of 30" Water-Main per FB 3264-93.

NOTE: Manhole lid needs new metal rings for opening.

T=84°

45.88 @ LEV.= 45.88

45.88

COUNTY ENGINEER 3 R. E. 5869

0.02

#3
Fd. Co. Engr. Brass Cap Button mon. in Well Marked as shown per FB 3264-93

Centerline

T=84°

44.96 @ LEV.= 44.96

44.96

Horizontal

COUNTY ENGINEER 4 R. E. 5869

0.08

#4
Fd. Co. Engr. Brass Cap Button mon. in Well marked as shown per FB 3264-93

0.74

3.47

#4A
Fd. CH.(+) on top of 30" Water-Main per FB 3264-93.

NOTE: Manhole lid needs new rings for opening.

T=84°

46.56 @ LEV.= 46.56

46.56

TO TOP PG. 12

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76F3095 CE #310 6/63

F. B. 3297 Pg. 12

To Bott. pg. 11

46.56

0.14

#5
Fd. Co. Engr. Brass cap button mon. in well marked as shown per FB 3264-94

COUNTY ENGINEER 5 R. E. 5869

T = 84°
46.60 @ LEV. = 46.60

46.60

0.21

#6
Fd. Co. Engr. Brass button cap mon. in well marked as shown per FB 3264-94

COUNTY ENGINEER 6 R. E. 5869

T = 84°
50.01 @ LEV. = 50.01

50.01

Horizontal Control Line

0.24

#7
Fd. Co. Engr. Brass cap button mon. in well marked as shown per FB 3264-94

COUNTY ENGINEER 7 R. E. 5869

T = 84°
49.98 @ LEV. = 49.98

49.98

To Top pg. 13

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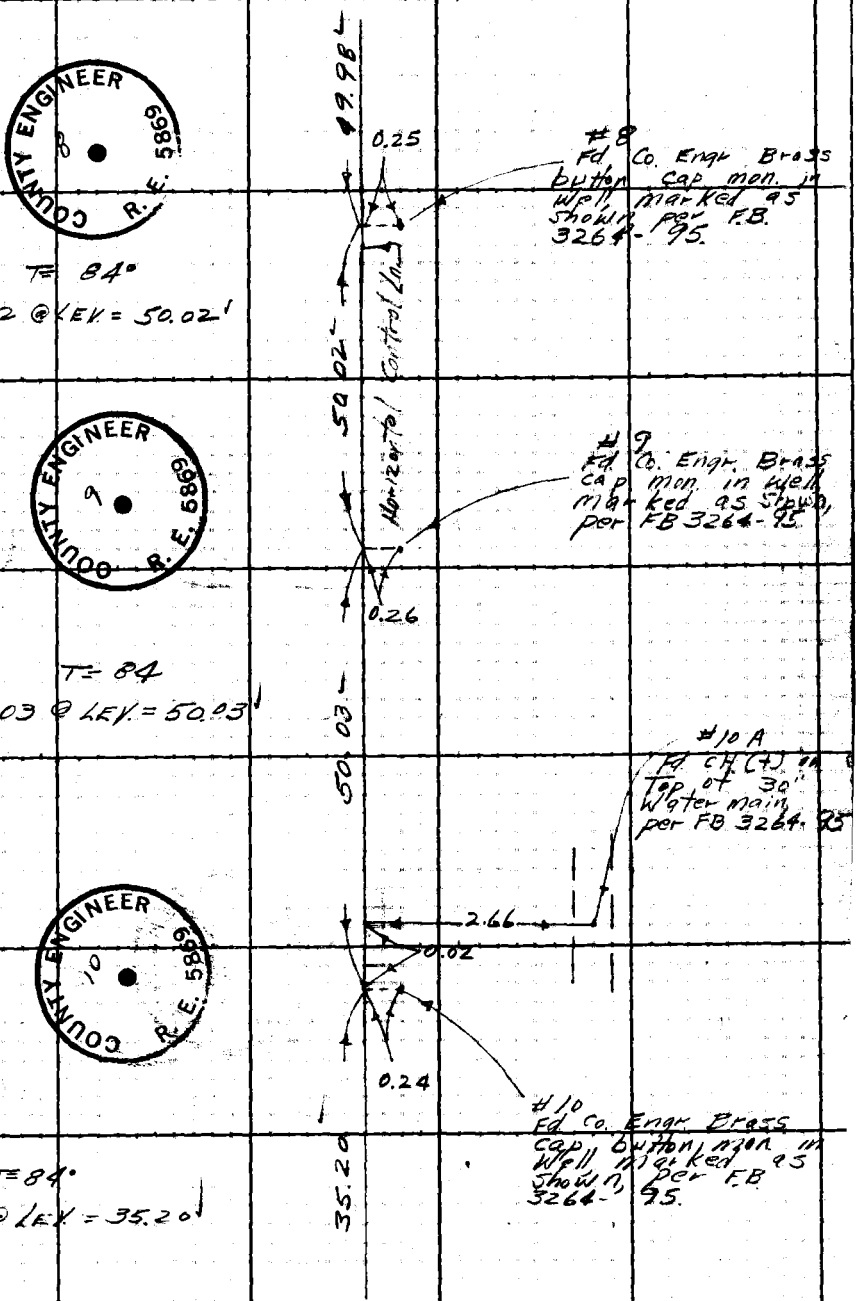
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 8-16-66
Date	Indexed [illegible]

F. B. 3287 PG. 13

TO BOTT. PG. 12



TO TOP PG. 14

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76F3098 CE #310 6-63

F. B. 3287 PG. 14

TO Bott. Pg. 13

COUNTY ENGINEER 11 R. E. 5869

T= 82°

35.22 @ LEV. = 35.22

35.20

0.24

#11 Fd Co. Engr. Brass cap mon (Button) in Well marked as shown per FB 3264-96

35.22

#12-A Fd. CH (+) on top of 30" Water Main, per FB 3264-96

1.57

0.39

NOTE: Manhole lid needs new metal hings for opening

COUNTY ENGINEER 12 R. E. 5869

0.17

T= 78°

210.10 @ LEV. = 210.09

210.09

#12 Fd Co. Engr. Brass, button cap mon. in well marked as shown, per FB 3264-96.

0.02

COUNTY ENGINEER 13 R. E. 5869

#13 Fd. Co. Engr. Brass Button Cap mon. in well marked as shown, per FB 3264-96.

362.70

Horizontal Control Line

T= 78°

362.71 @ LEV. = 362.70

TO Top Pg. 15

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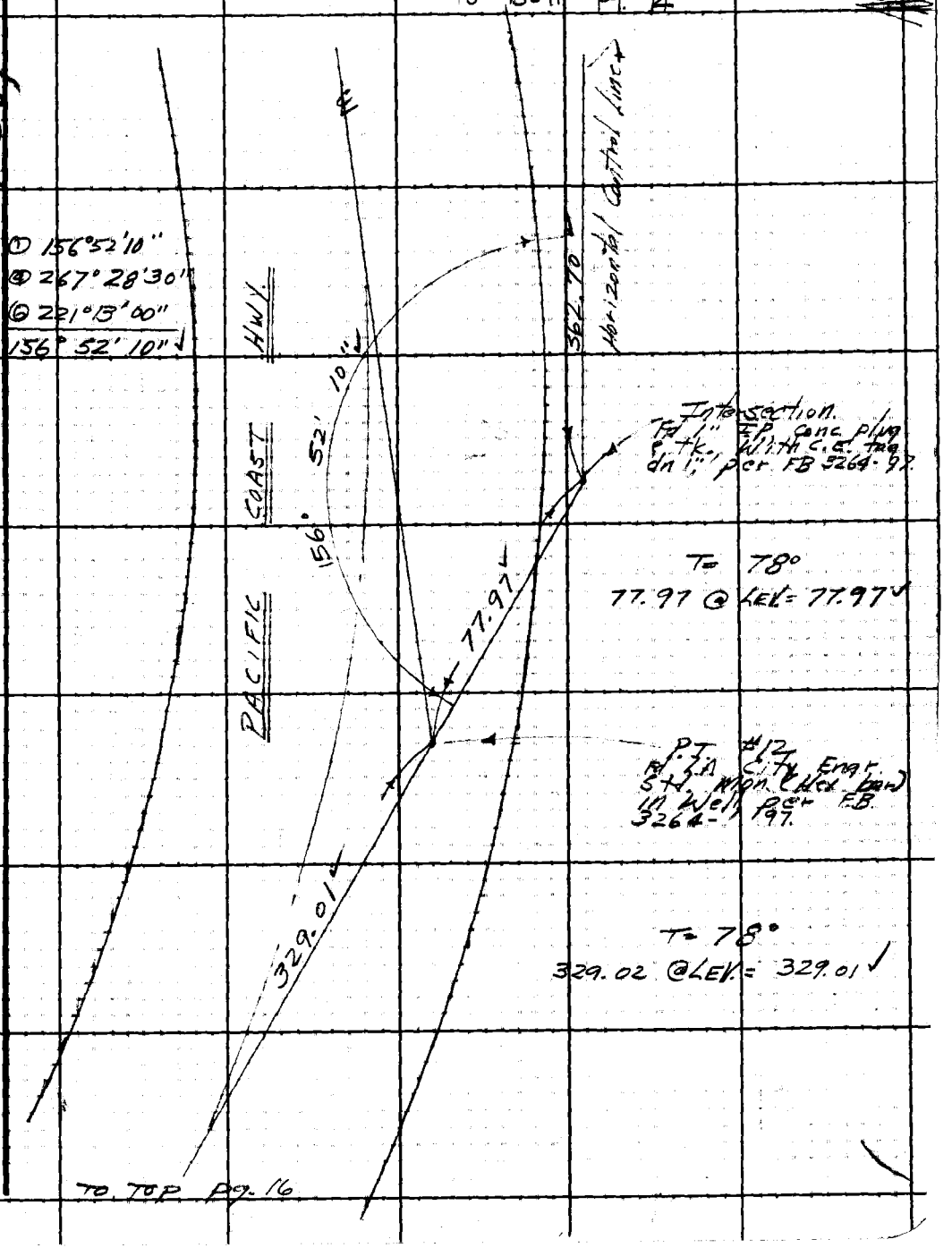
Map No.	JN 5292.87 Tape 122 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 8-17-66
Date	Indexed [illegible] GALL

F. B. 3287 PG. 15



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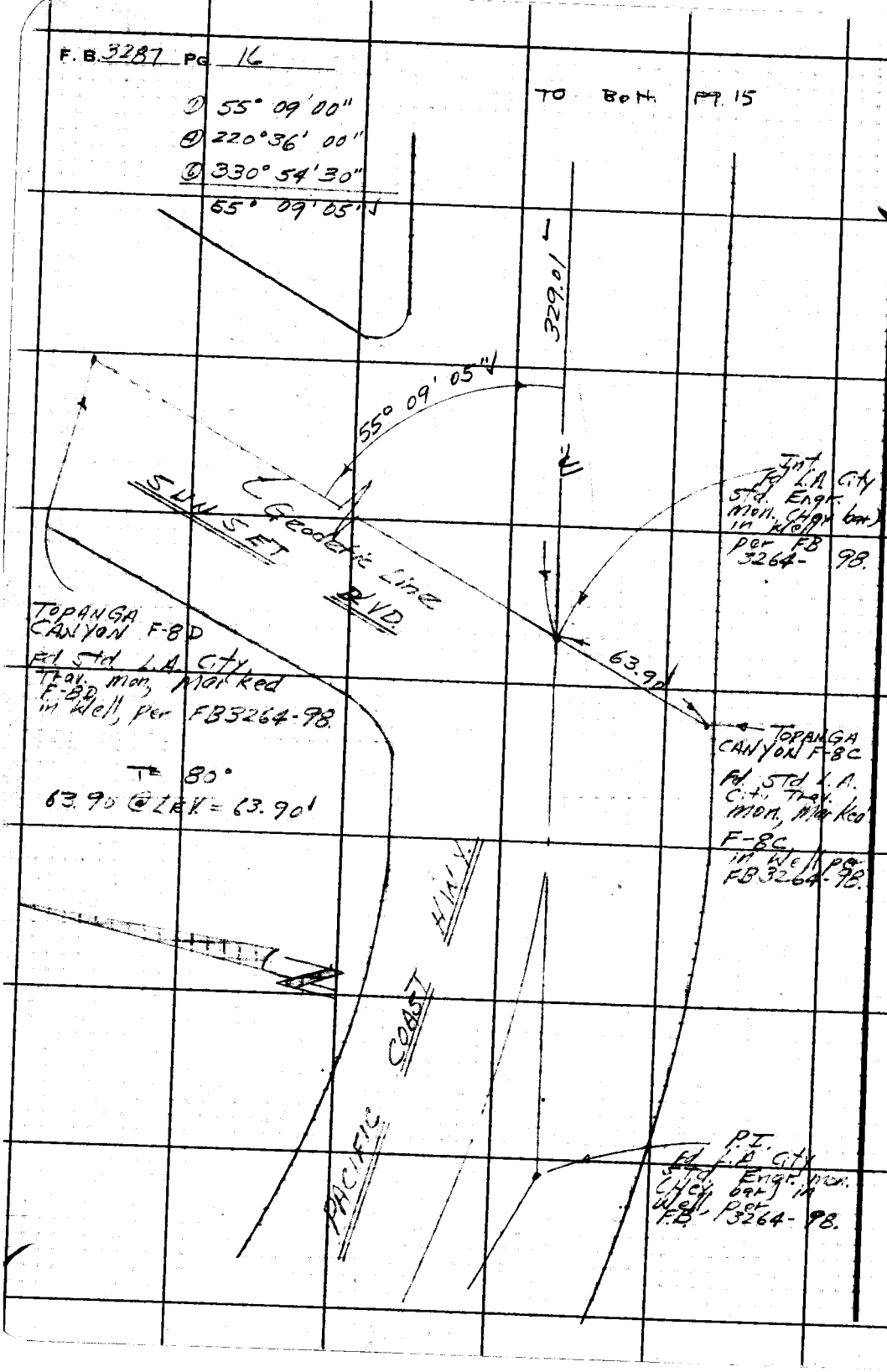
F. B. 3287 Pg. 16



WS 58, B-6

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F.B. 3287 Pg. 17

Profile No.	Notes Red	Plotted	Job No. 5292.87	Division No.	
	Date	Date	Survey of W. W. DIST #29		
X-Sec. No.	Notes Chkd.	Checked	Survey by Voge	Notes Voge	Date 8-18-66
	Date	Date	Map No.	Indexed D. J. GAL	Date AUG 25 '66

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WATER WORKS DISTRICT #29

J.N. 5292.87

PROFILE ON PIPELINE MONUMENTS ON THE PACIFIC COAST HWY., FROM SUNSET BLVD. TO BEL AIRE BAY CLUB ROAD.

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

REFERENCES USED:

FB 3287

76-1298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
BM. 48-47 A	6 695	22 504		15 809	BM. 48-47 A, F.B. 1369-135, 1964 ADJ. ELEV. = 15.809 (CITY OF LA. N-55) ON PACIFIC COAST HWY., 1.3 NW'LY OF CHAUTAUQUA BLVD., 16.0 FT. S'LY OF APPROXIMATE HWY. ℄, IN WELL WITH CAST IRON COVER MARKED, "LA. CITY ENGINEERING MONUMENT". A CITY OF LOS ANGELES DISK, STAMPED "N-55". SET ABOUT 18" BELOW THE PAVEMENT	
TP	4 602	22 480	4 626	17 878		
TP	5 588	22 986	5 082	17 398		
TP	5 329	23 912	4 403	18 583		
TP	4 842	24 352	4 402	19 510		
TP	5 114	24 861	4 605	19 747		
TP	5 227	25 140	4 948	19.913		
B.M. 48-49			5 725	19.415	BM. 48-49 F.B. 1369-43, 1964 ADJ. ELEV. = 19.423 (TOPANGA CANYON G-8) (CITY OF LA. BM. 14-03510) ON PACIFIC COAST HWY. IN FRONT OF BEL AIR BAY CLUB, 144± NE'LY OF ℄ INTERSECTION OF PAC. COAST HWY. AND PRIVATE ROAD TO BEL AIR BAY CLUB, 3.5 N. OF CENTER LINE STRIPE, A CITY OF LOS ANGELES TRAVERSE STATION MONUMENT	
B.M. 48-49	5 762	25 185		19.423		
BM. 48-50			4 589	20596	B.M. 48-50, F.B. 1369-43, 1964 ADJ. ELEV. = 20.583 (U.S. 2985) (U.S.C. & G.S. H-576) (CITY OF L.A. BM. 14-03550) ON PACIFIC COAST HWY. & PRIVATE ROAD TO BEL AIR BAY CLUB, NW COR. IN CURB, A U.S.C. & G.S. DISK STAMPED "H-576, 1939.	
BM. 48-50	3 988	24 571		20 583		
TP	4 312	24452	4 431	20 140		
TP	5065	24 117	5 400	19052		
TP			0 620	23497	(TO TOP of PG. 19)	

Profile
No. X-Sec.
No.
Plotted Date
Checked Date
Notes Red Date 8-18-66
Notes Chkd. Date
Division No.
Job No. 5292.87
Survey of W.W. Dist #29
Survey by Vogel Notes RLS
Indexed Date
F.B. 3287 Pg. 18

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP	6106	29603		23497	(TO Bott Pg. 18)	
Bm 48-51			5615	23988	Bm 48-51 (LA. City 14-03610) Elev. = 23.989 (1964 ADJ.)	
	6476	30465		23989	On Pacific Coast Hwy @ the P.I. 2.04' NW'ly of W. Channel Rd, a hex bar, per FB 1369-45.	
Bm #1	5570	29753	6282	24183	Bm #1 Pg. 10	
Bm #2	5652	27820	7585	22168	Bm #2 Pg. 11	
2-A			1510	1272	X on Water main	Pg. 11
Bm #3	5835	28349	5306	22514	Bm #3 Pg. 11	
Bm #4	6714	29266	5797	22552	Bm #4 Pg. 11	
4-A			1690	1237	X on Water main	Pg. 11
Bm #5	6358	29659	5965	23301	Bm #5 Pg. 12	
Bm #6	6889	30548	6000	23659	Bm #6 Pg. 12	
Bm #7	6424	30434	6538	24010	Bm #7 Pg. 12	
Bm #8	6638	30738	6334	24100	Bm #8 Pg. 13	
Bm #9	6876	30580	7034	23724	Bm #9 Pg. 13	
Bm #10	7125	30335	7370	23210	Bm #10 Pg. 13	
10-A			1391	1643	X on Water main	Pg. 13
Bm #11	7148	30335	7148	23187	Bm #11 Pg. 14	

Profile Notes Red ____ Plotted ____ Job No. 29287 Division No. #29
No. ____ Date ____ Date ____ Survey of W. W. Dist
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by Yoge ____ Notes RLS Date 8-18-66
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. Gal. Date ____

F.B. 3287 Pg. 19

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
		30 335				
12 - A			1465	1569	X on Water main	pg. 14 pg. 14
BM #12	4 931	28 178	7 088	23247	BM #12 pg. 14	
BM #13	4 420	26 550	6 048	22130	BM #13 pg. 14	
TP	4 805	25 717	5638	20912		
T.P.	4 542	24393	5866	19851		
BM TC.F.8C	5998	24338	6 053	18340	BM TC F 8C Pacific Coast Hwy & Sunset BL, S. Side of Hwy. of Sunset BL Prod., a City Traverse sta. marked Topanga Cyn. F-8C per LA City F.B. 3TC-2	
BM 48-53			6 260	18078	BM 48-53 (L.A. City 14-02430) Elev = 18.096 (1964 ADJ.) Pacific Coast Hwy & Sunset BL @ approx ℄ int, a Hex bar, per FB 1369-46	

F.B. 3287 Pg. 20

Job No. 5292.87 Division No. Notes Red Plotted Profile
Survey of W.W. Dist #29 Date 8-18-66 Date No. X-Sec.
Survey by Voge Notes R.L.S. Notes Chkd. Checked
Indexed Date Date Date No.

Notes Ck'd by	Survey of W.W. DIST. Nº 29	F.B. 3287 PG. 21
Map. No.	JN 5292-87 Tape 169 Std. 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 1-11-67	
Date	Indexed G. L. CALL FEB 6 '67	

WATERWORKS DISTRICT Nº 29

J.N. 5292.87

PIPELINE MONUMENTS

CHECK FOR HORIZONTAL MOVEMENT OF PIPELINE MONUMENTS IN SLIDE AREA ON PACIFIC COAST HWY. ELY. OF INT. OF SUNSET BLVD. & WLY. OF BEL-AIRE BAY CLUB ROAD

JAN 1967

PARTY
L.V. SMITH
J.P. McCALL
V.L. HUCKABY
M.R. NEVAREZ

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78F3099 CE # 310 8-61

F. B. 3287 PG. 22

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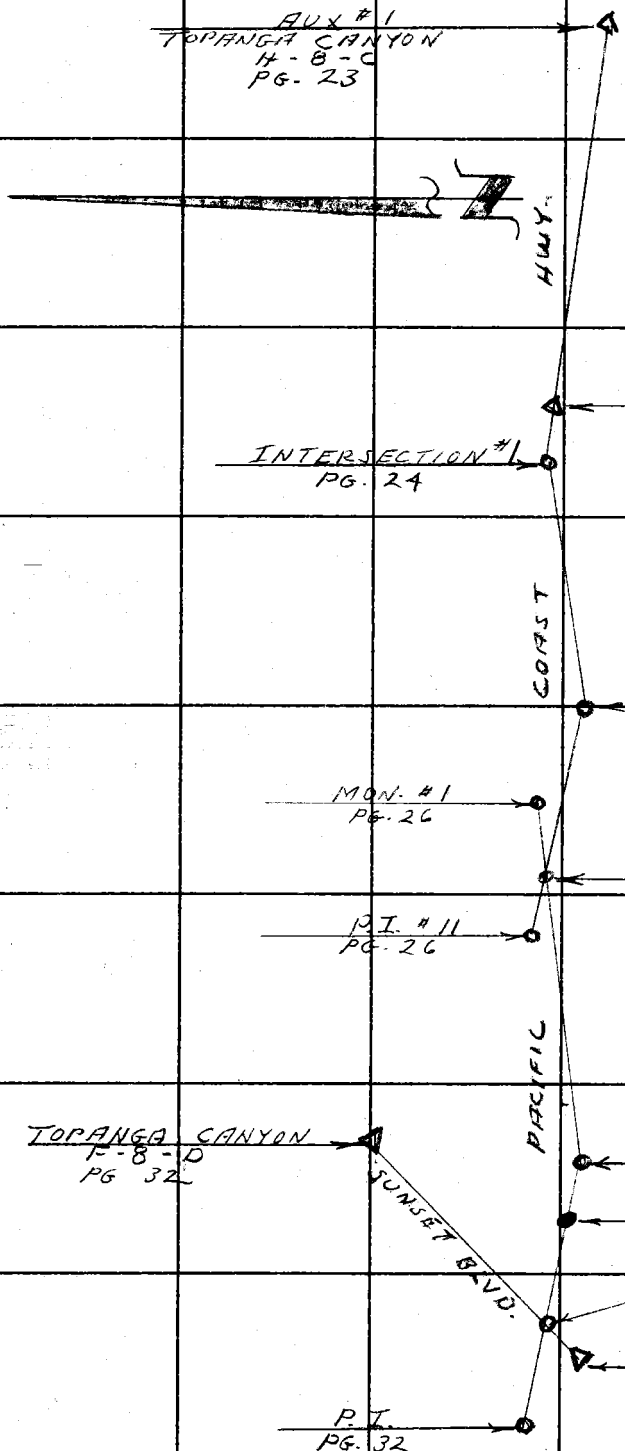

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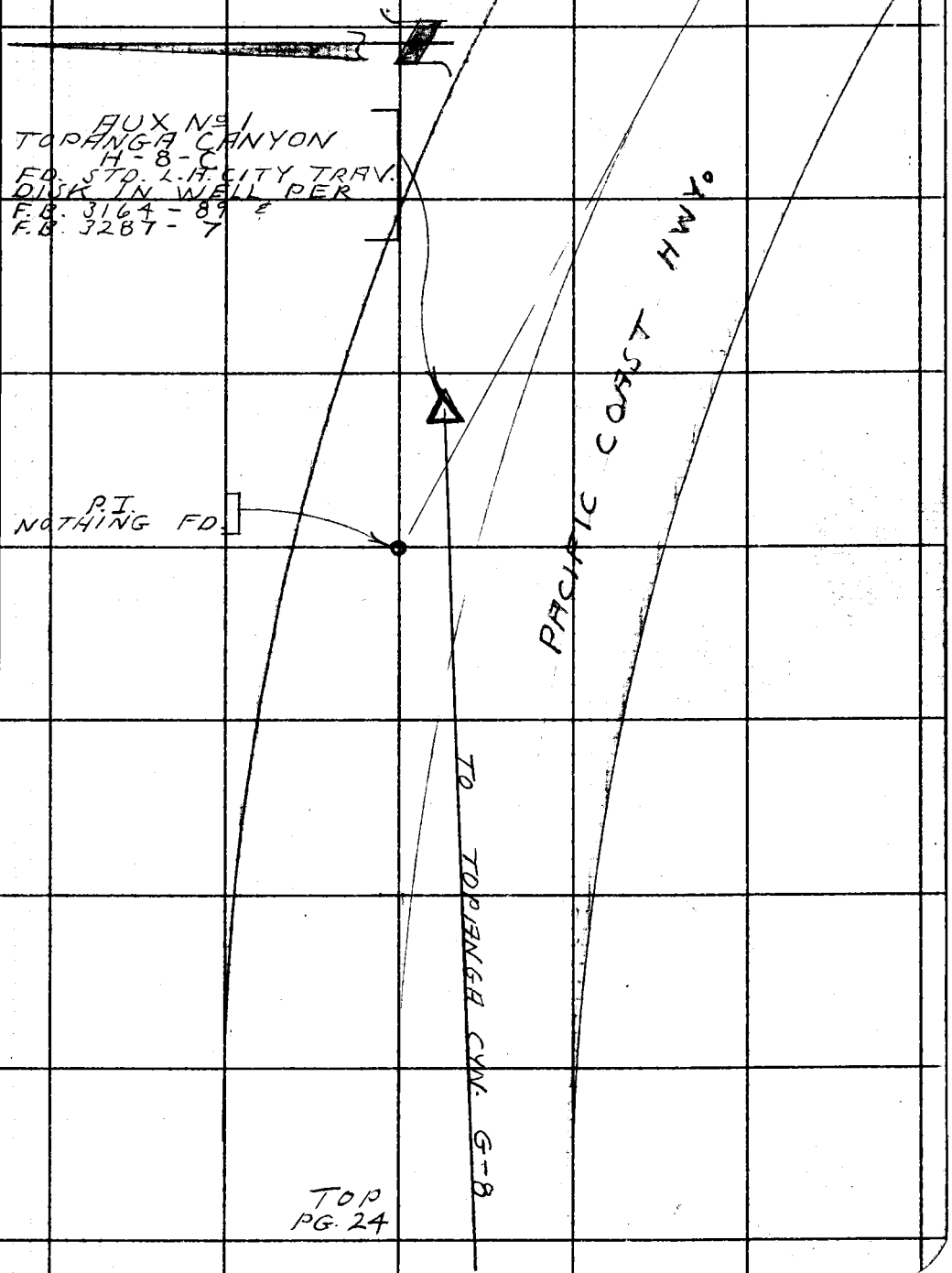
Map No.	JN 5292.87 Tape 169 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 1-N-67
Date	Indexed G. I. GALLI

F. B. 3287 PG. 23



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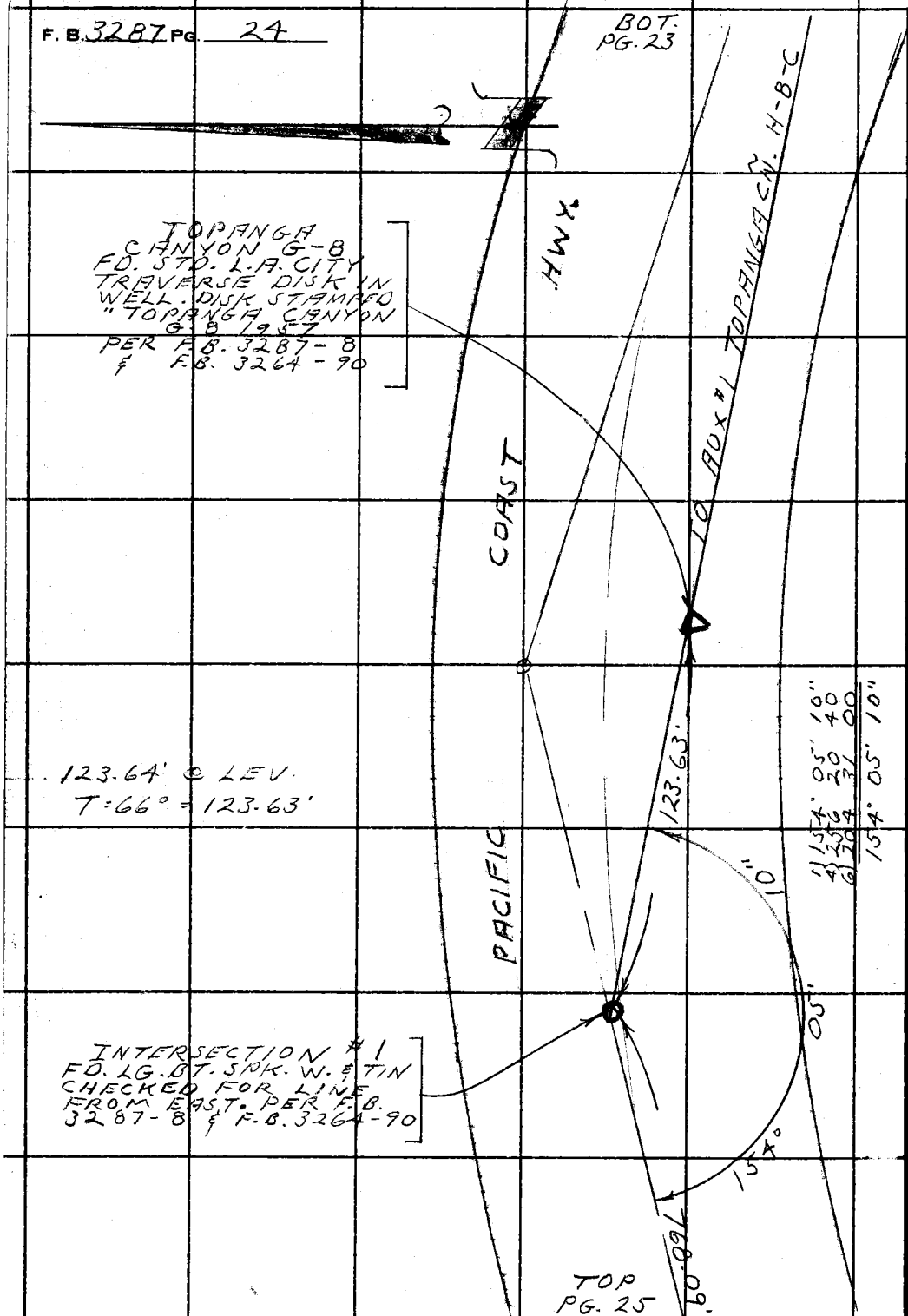
F. B. 3287 PG. 24



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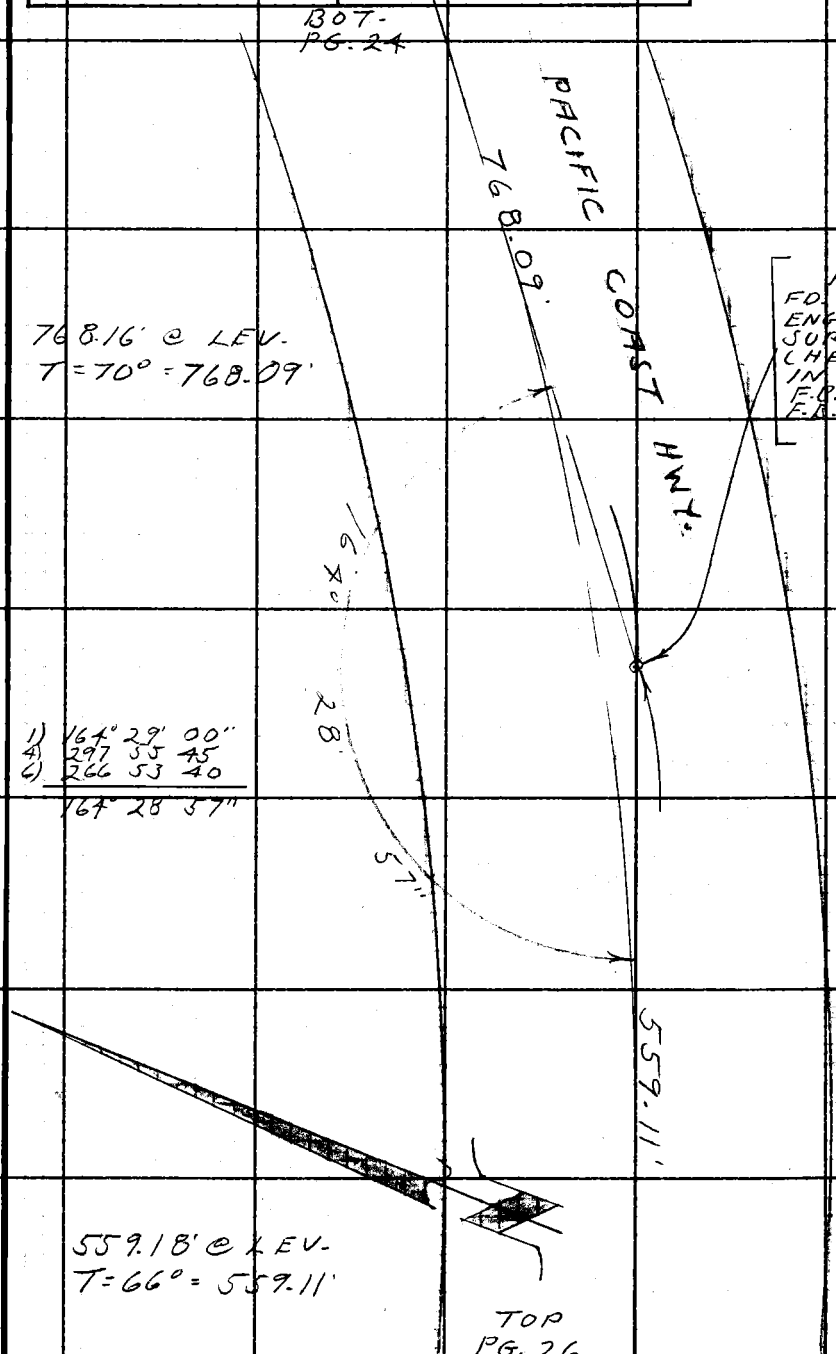
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 1-11-67
Date	Indexed G. GALLI

F. B. 3287 PG. 25



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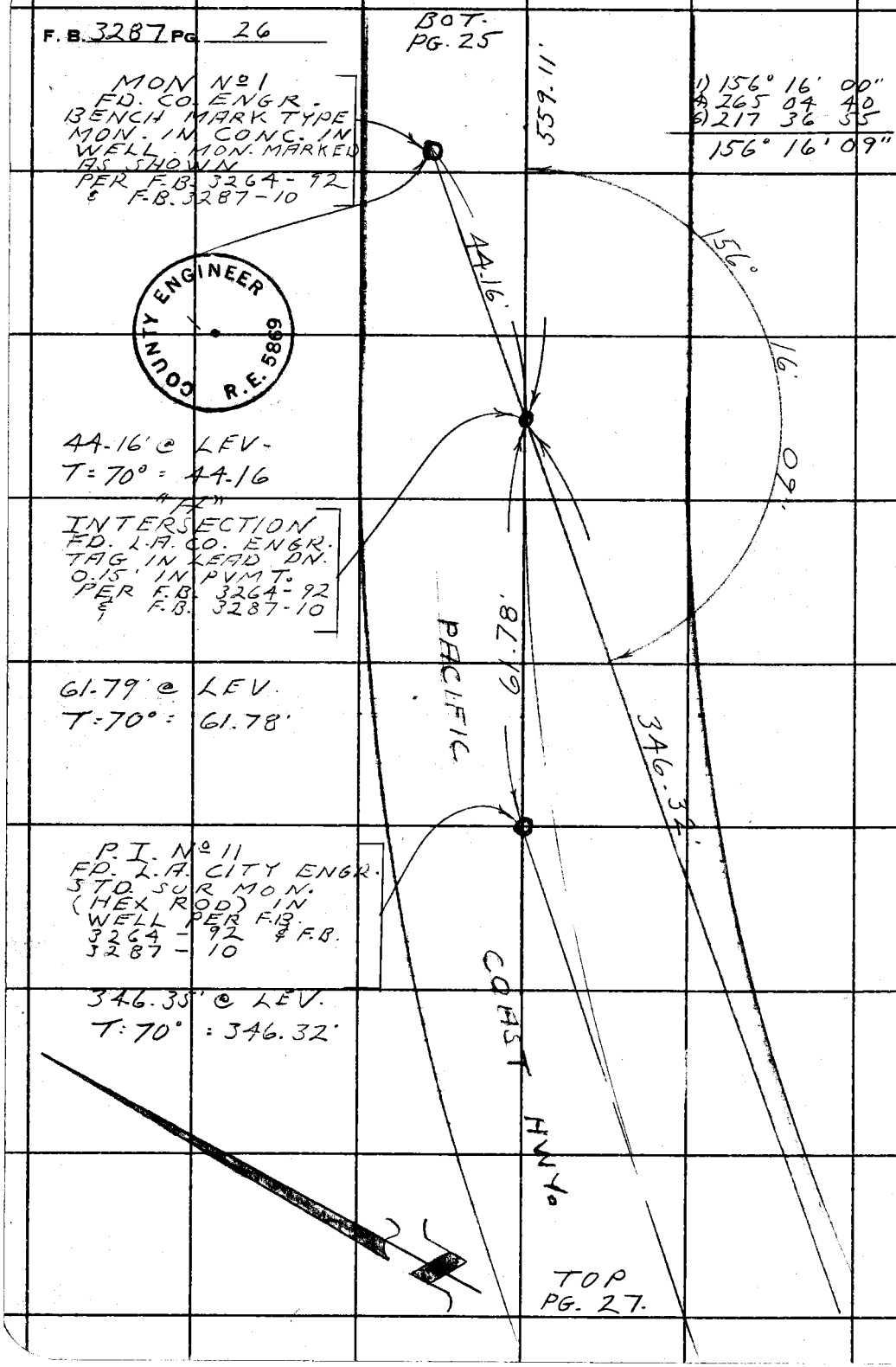
F. B. 3287 PG. 26



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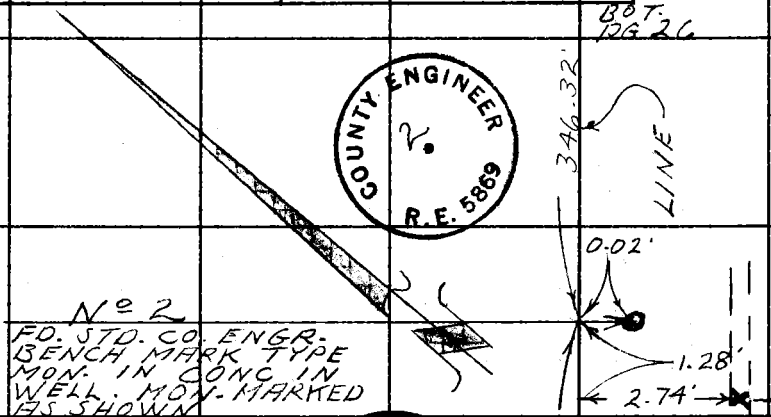
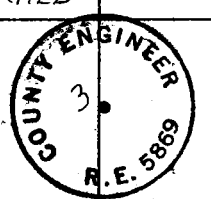
Notes Ck'd by	Survey of L.W. DIST Nº 29	F. B. 3287 PG. 27
Map No.	JN 5292-87 Tape 169 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 1-11-67	
Date	Indexed O. J. GA	

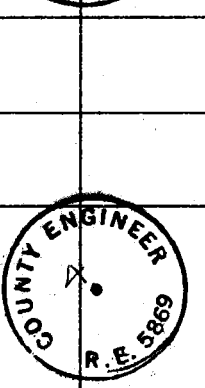
BOT. PG 26



Nº 2
FD. STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC IN WELL. MON. MARKED AS SHOWN PER F.B. 3287-11 & F.B. 3264-93

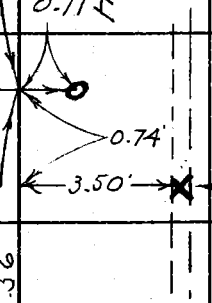
45.88' @ LEV.
T=66°: 45.87'





Nº 3
FD. STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. IN WELL. MON. MARKED AS SHOWN. PER F.B. 3287-11 & F.B. 3264-93

44.97' @ LEV.
T=66°=44.96'



Nº 4
FD. STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. IN WELL. MON. MARKED AS SHOWN. PER F.B. 3287-11 & F.B. 3264-93

46.57' @ LEV.
T=66°: 46.56'

46.56'

TOP PG 28

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76F309S CE # 310 2-61

F. B. 3287 PG. 28

BOT.
PG. 27

COUNTY ENGINEER 5 R.E. 5869

46.56'

0.19

№ 5
FD. STD. CO. ENGR.
BENCH MARK TYPE
MON. IN CONC. IN
WELL. MON. MARKED
AS SHOWN.
PER F.B. 3287-12
& F.B. 3264-94

46.62' @ LEV.
T: 66°: 46.61'

COUNTY ENGINEER 6 R.E. 5869

46.61'

LINE

0.27

№ 6
FD. STD. CO. ENGR.
BENCH MARK TYPE
MON. IN CONC. IN
WELL. MON. MARKED
AS SHOWN.
PER F.B. 3287-12
& F.B. 3264-94

50.03' @ LEV.
T: 66°: 50.02'

COUNTY ENGINEER 7 R.E. 5869

50.02'

CONTROL

0.31'

№ 7
FD. STD. CO. ENGR.
BENCH MARK TYPE
MON. IN CONC. IN
WELL. MON. MARKED
AS SHOWN.
PER F.B. 3287-12
& F.B. 3264-94

50.01' @ LEV.
T: 66°: 50.00'

50.00'

HORIZONTAL

TOP
PG. 29

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Notes Ck'd by	Survey of W.W. DIST. Nº 29
Map No.	JN 5292.87 Tape 169 Std. 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 1-12-67
Date	Indexed G. J. GALLI

F. B. 3287 PG. 29

BOT. PG. 28

COUNTY ENGINEER 8 R.E. 5869

50.00' LINE

0.34'

Nº 8
FD. STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. IN WELL. MON. MARKED AS SHOWN.
PER F.B. 3287-13 & F.B. 3264-95

50.03' @ LEV
T: 66°: 50.02'

COUNTY ENGINEER 9 R.E. 5869

50.02' CONTROL

0.35'

Nº 9
FD. STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. IN WELL. MON. MARKED AS SHOWN.
PER F.B. 3287-13 & F.B. 3264-95

50.04' @ LEV.
T: 66°: 50.03'

COUNTY ENGINEER 10 R.E. 5869

50.03' HORIZONTAL

0.34'

Nº 10
FD. STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. IN WELL. MON. MARKED AS SHOWN.
PER F.B. 3287-13 & F.B. 3264-95

0.04'

2.79

10-A
FD. "X" ON TOP OF 30" WATERMAIN PER F.B. 3287-13 & F.B. 3264-95

35.21'

TOP PG. 30

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76F3085 CE # 310 3-61

F. B. 3287 PG. 30

35.21' @ LEV.
T=72° = 35.21'

COUNTY ENGINEER 11 R.E. 5869

BOT. PG. 29

35.21'

LINE

0.33'

Nº 11
FD. STD. CO. ENGR.
BENCH MARK TYPE
MON. IN CONC. IN
WELL. MON. MARKED
AS SHOWN.
PER F.B. 3287-14
& F.B. 3264-96

COUNTY ENGINEER 12 R.E. 5869

35.23'

CONTROL

35.23' @ LEV.
T=72° = 35.23'

1.63'

0.42'

12-A
FD. "X"
ON TOP
OF 30"
WATERLINE
PER F.B.
3287-14
3264-96

Nº 12
FD. STD. CO. ENGR.
BENCH MARK TYPE
MON. IN CONC. IN
WELL. MON. MARKED
AS SHOWN.
PER F.B. 3287-14
& F.B. 3264-96

0.26'

COUNTY ENGINEER 13 R.E. 5869

210.07'

HORIZONTAL

210.09' @ LEV.
T=72° = 210.07'

0.02'

Nº 13
FD. STD. CO. ENGR.
BENCH MARK TYPE
MON. IN CONC. IN
WELL. MON. MARKED
AS SHOWN.
PER F.B. 3287-14
& F.B. 3264-96

362.71

TOP PG. 31

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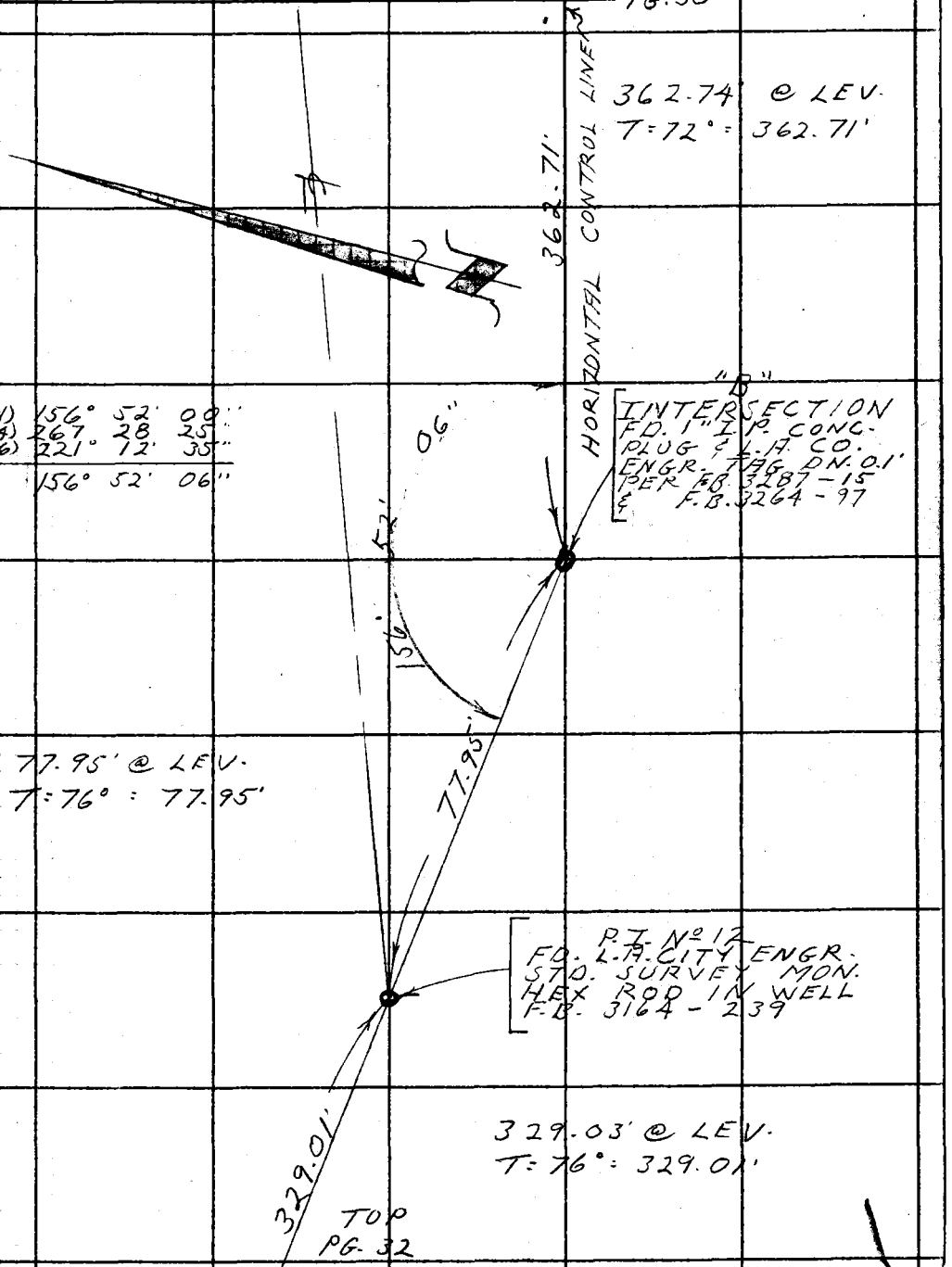
Notes Ck'd by	Survey of W.W. DIST. Nº 29	F. B. 3287 PG. 31
Map No.	JN 5292-87 Tape 169 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 1-12-67	
Date	Indexed G. J. GALLI	



N.S.S.8, C-6

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76F309S CE # 310 3-61

F.B. 3287 PG. 32

1) 55° 09' 15"
4) 220 36 40
6) 330 54 55
55° 09' 09"

329.01'

"C"
INTERSECTION
FD. STD. L.A.
CITY ENGR.
MON. (HEX ROD)
IN WELL
PER F.B. 3264-98
& F.B. 3287-16

09"
09'
55°

SUNSET BLVD.

63.91'

TOPANGA
CANYON F-8-D
FD. STD. LA. CITY
TRAV. MON. IN
WELL MARKED
F-8-D
PER F.B. 3287-16
& F.B. 3264-98

TOPANGA
CYN. F-8-C
FD. STD. LA.
CITY ENGR.
TRAVERSE
MON. MARKED
TOPANGA
CANYON F-8-C
PER F.B 3287-16
& F.B 3264-98

63.92' @ LEV.
T=68°: 63.91'

PACIFIC COAST HWY.

P.I.
FD. L.A. CITY
ENGR. STD.
SUR. MON. IN
WELL.
PER F.B. 3287-16
& F.B. 3264-98

WS58, B-6

LOS ANGELES COUNTY ENGINEER
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Profile No.	Notes Red	Plotted	Job No. 5292.87	Division No.	F.B. 3287	Pg. 33
	Date	Date	Survey of W.W. DIST. # 29			
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes McCALL	Date 1-11-67	
	Date	Date	Map No.	Indexed G.L. GALL	Date	

WATER WORKS DIST. #29

J.N. 5292.87

PROFILE ON PIPELINE MONUMENTS

ON

PACIFIC COAST HWY

FROM

BEL AIR BAY CLUB RD. TO: SUNSET BLVD.

JAN. 1967

L.V. SMITH
J.P. McCALL
V.L. HUCKABY
M.R. NAVEREZ

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

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	W.W. DIST. #29 (PIPE LINE CHECK)
(FD) B.M. 48-47A	6.050	21.859		15.809	B.M. 48-47A, 1964 ADJ. ELEV. = 15.809 F.B. 1369-135 (CITY OF L.A. N-55) ON PACIFIC COAST HWY., 1.3 MI. NWLY. OF CHAUTAUQUA BLVD., 16' SLY. OF APROXIMATE HWY. ℄, IN WELL WITH CAST IRON COVER MKD. "L.A. CITY ENG. MONUMENT, A CITY OF L.A. DISC., STMPD. "N-55", SET ABOUT 18" BELOW PVMT.
T.P.	4.691	21.660	4.890	16.969	
T.P.	5.804	22.788	4.676	16.984	
T.P.	5.311	23.219	4.880	17.908	
T.P.	5.432	24.002	4.649	18.570	
T.P.	5.289	24.347	4.944	19.058	
T.P.	6.036	25.553	4.830	19.517	
(FD) B.M. 48-49			6.110	19.443	B.M. 48-49, 1964 ADJ. ELEV = 19.423, F.B. 1369-43, (TOPANGA CYN. G-8)(CITY OF L.A. B.M. 14-03510) ON PACIFIC COAST HWY. IN FRONT OF BEL AIR BAY CLUB. 144'± NE'LY OF ℄ INT. OF PACIFIC COAST HWY. & PVT. RD. TO BAY CLUB, 3.5' N. OF ℄ STRIPE. A CITY OF L.A. TRAVERSE STA. MON.
B.M. 48-49	5.961	25.384		19.423	
(FD) BM. 48-50			4.789	20.595	B.M. 48-50, 1964 ADJ. ELEV = 20.583, F.B. 1369-43, (U.S. 2985)(U.S.C.&G.S. H-576)(CITY OF L.A. B.M. 14.03550) ON PAC. COAST HWY. & PVT. RD TO BEL AIR BAY CLUB, N.W. COR. IN CURB, A U.S.C.&G.S. DISK STMPD.: "H-576, 1939"
B.M. 48-50	4.104	24.687		20.583	
T.P.	3.740	24.049	4.378	20.309	
T.P.	6.264	25.415	4.898	19.151	
T.P.	5.576	26.986	4.005	21.410	
T.P.	4.820	27.504	4.302	22.684	
(FD) B.M. 48-51			3.519	23.985	B.M. 48-51, 1964 ADJ. ELEV = 23.989 F.B. 1369-45 (L.A. CITY 14-03610) ON PAC. COAST HWY, @ THE P.I., MI. NW'LY OF W. CHANNEL RD., A HEX BAR IN WELL.
B.M. 48-51				23.989	

2.04

F.B. 3287 Pg. 34

Job No. 5292.87 Division No. ____ Notes Red ____ Plotted ____ Profile ____

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

Survey by L.V. SMITH Notes J.P. McCALL Notes Chkd. ____ Checked ____ No. ____

Indexed ____ Date ____ Date ____ Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	W.W. DIST. #29 (PIPE LINE CHECK)	
B.M. 48-51	3.324	27.313		23.989	B.M. 48-51 (SEE PREVIOUS PAGE)	
(FD) B.M. #1	3.170	27.356	3.127	24.186	B.M. #1 (PG. 26)	
T.P.	4.480	26.974	4.862	22.494		
(FD) B.M. #2	5.015	27.794	4.795	22.179	B.M. #2 (PG. 27)	
(FD) 2-A			15.01	12.78	"X" ON WATER MAIN	(PG. 27)
(FD) B.M. #3	5.440	27.971	5.263	22.531	B.M. #3 (PG. 27)	
(FD) B.M. #4	5.960	28.535	5.396	22.575	B.M. #4 (PG. 27)	
(FD) 4-A			16.17	12.36	"X" ON WATER MAIN	(PG. 27)
(FD) B.M. #5	5.743	29.073	5.205	23.330	B.M. #5 (PG. 28)	
(FD) B.M. #6	5.906	29.597	5.382	23.691	B.M. #6 (PG. 28)	
(FD) B.M. #7	5.752	29.795	5.554	24.043	B.M. #7 (PG. 28)	
(FD) B.M. #8	5.654	29.784	5.665	24.130	B.M. #8 (PG. 29)	
(FD) B.M. #9	5.635	29.370	6.049	23.735	B.M. #9 (PG. 29)	
(FD) B.M. #10	5.947	29.183	6.134	23.236	B.M. #10 (PG. 29)	
(FD) 10-A			12.75	16.43	"X" ON WATER MAIN	(PG. 29)
(FD) B.M. #11	5.980	29.197	5.966	23.217	B.M. #11 (PG. 30)	
(FD) 12-A			13.49	15.71	"X" ON WATER MAIN	(PG. 30)
(FD) B.M. #12	5.173	28.452	5.918	23.279	B.M. #12 (PG. 30)	
(FD) B.M. #13	4.500	26.652	6.300	22.152	B.M. #13 (PG 30)	
T.P.	4.771	25.951	5.472	21.180		
T.P.			5.835	20.116		

Profile Notes Red ____ Plotted ____ Job No. 5292.87 Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. DIST. #29
X-Sec. ____ Notes Chkd ____ Checked ____ Survey by L.V. SMITH Notes McCALL Date 1-11-67
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3287 PG. 35

76-L298 CE 307 3-61

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F.B. 3287 Pg. 36 Job No. 5292.87 Division No. Notes Red Plotted Profile
Survey of W.W. DIST. #29 Date Date No.
Survey by L.V. SMITH Notes J.P. McCALL Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	W.W. DIST. #29 (PIPE LINE CHECK)	
	4.605	24.721		20.116		
(FD) B.M. TC.F8C	6.326	24.665	6.382	18.339	B.M. TC. F8C ELEV = (ELEV. PER F.B. 3287-20 = 18.340), PAC. COAST HWY. & SUNSET BLVD. S. SIDE OF HWY, ON PROD OF SUNSET BLVD., A CITY TRAVERSE STA. MKD. TOPANGA CYN F8C.	L.A. CITY F.B. 3TC-2
(FD) B.M. 48-53			6.682	18.083	B.M. 48-53 ELEV = 18.096 (1964 ADJ.) F.B. 1369-46 (L.A. CITY 14-02436) PAC. COAST HWY & SUNSET BLVD @ APPROX ℄ INT, A HEX ROD IN WELL.	

Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.87 Tape 0193 Std. 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-26-67
Date	Indexed C. J. CALLI

F. B. 3287 PG. 37

WATER WORKS DISTRICT #29

J.N. 5292.87

CHECK ON HORIZONTAL MONUMENTS
FROM LAS FLORES B-8 TO

REFERENCES USED:

FB. 3264

PARTY:
VOGE
STRADER
DIETZ
WHITEHOUSE

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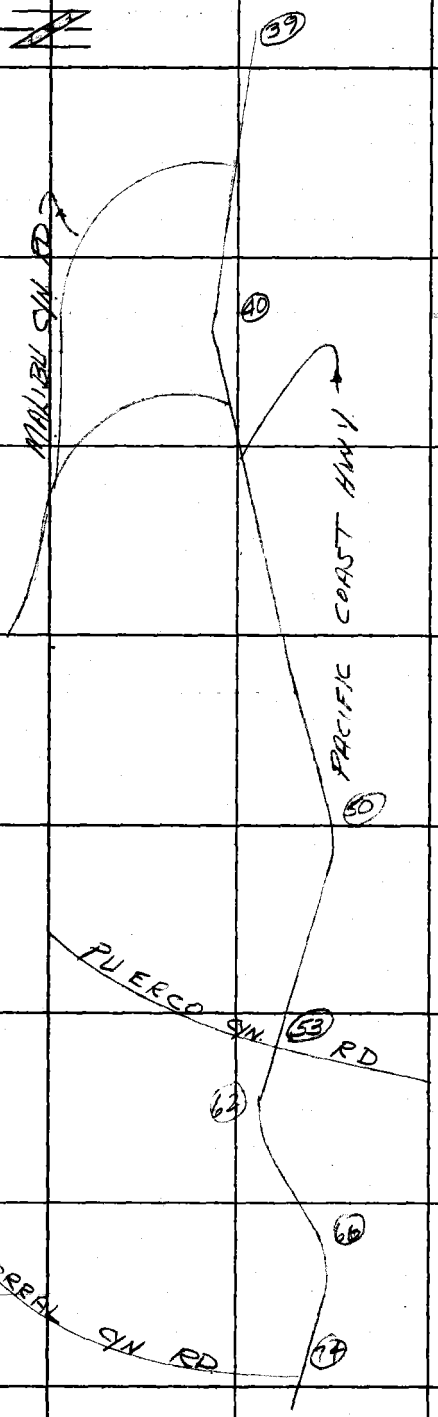
26F309S CE#310 1-65

F. B. 3287 PG. 38

INDEX



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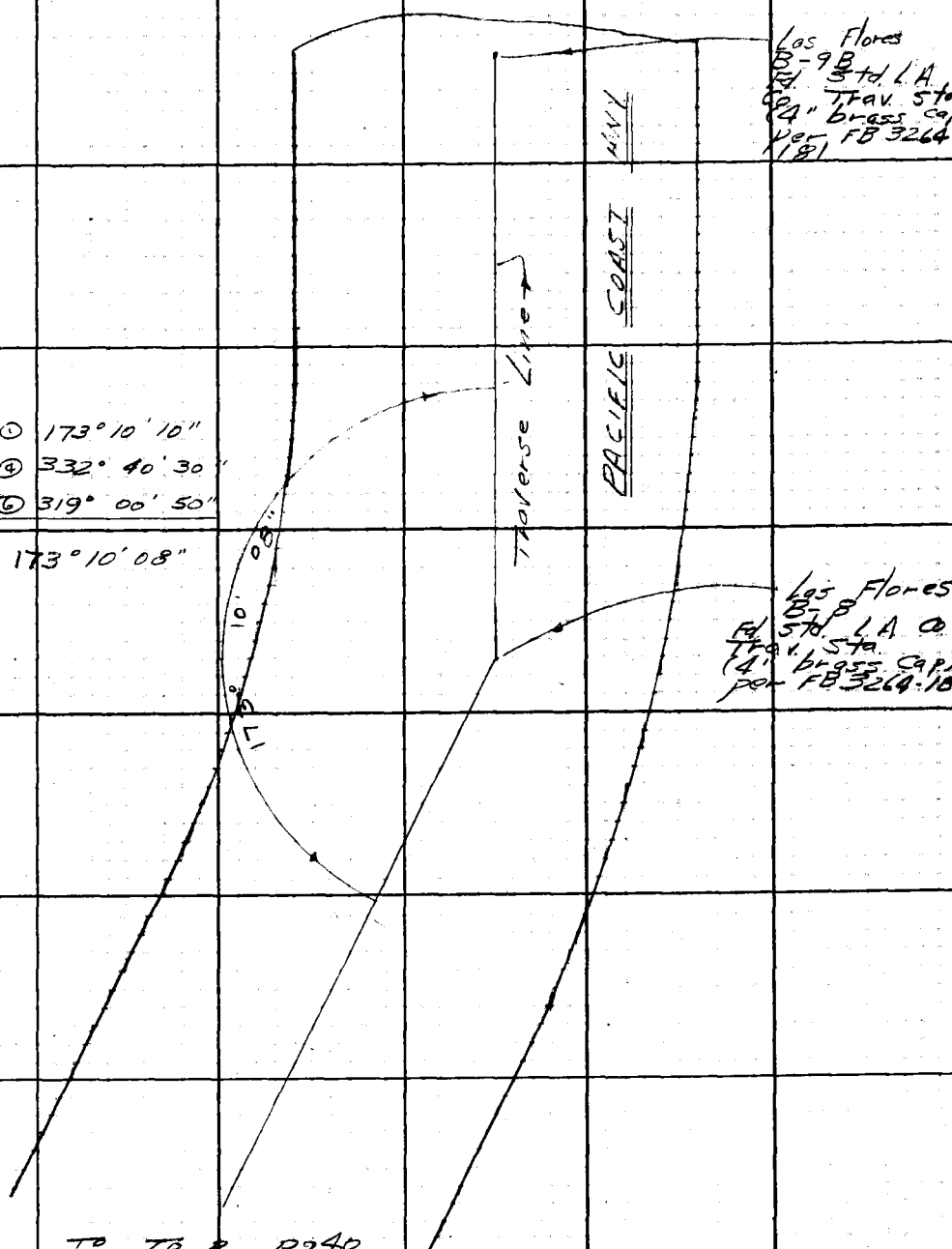
Notes Ck'd by	Survey of Water Works Dist #29	F. B. 3287	PG. 39
Map No.	JN 529287 Tape 0193 Std 68 °F		
Office Work	Surveyed by W. J. Voge		
Checked	Notes Voge Date 1-10-67		
Date	Indexed C. L. GALLI		



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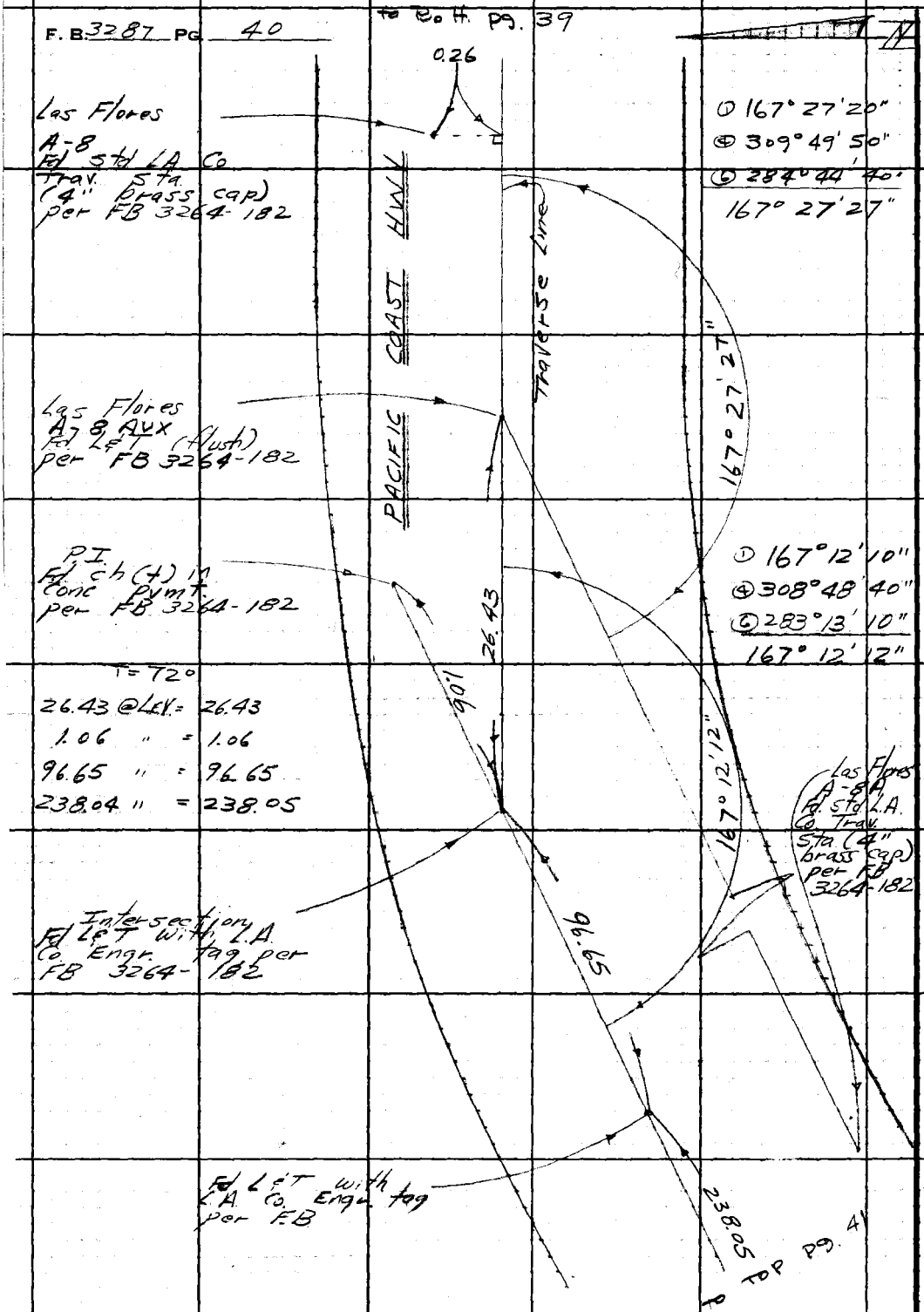
16F309S CE#310 1-65

F. B. 3287 PG. 40

to Bo. H. pg. 39



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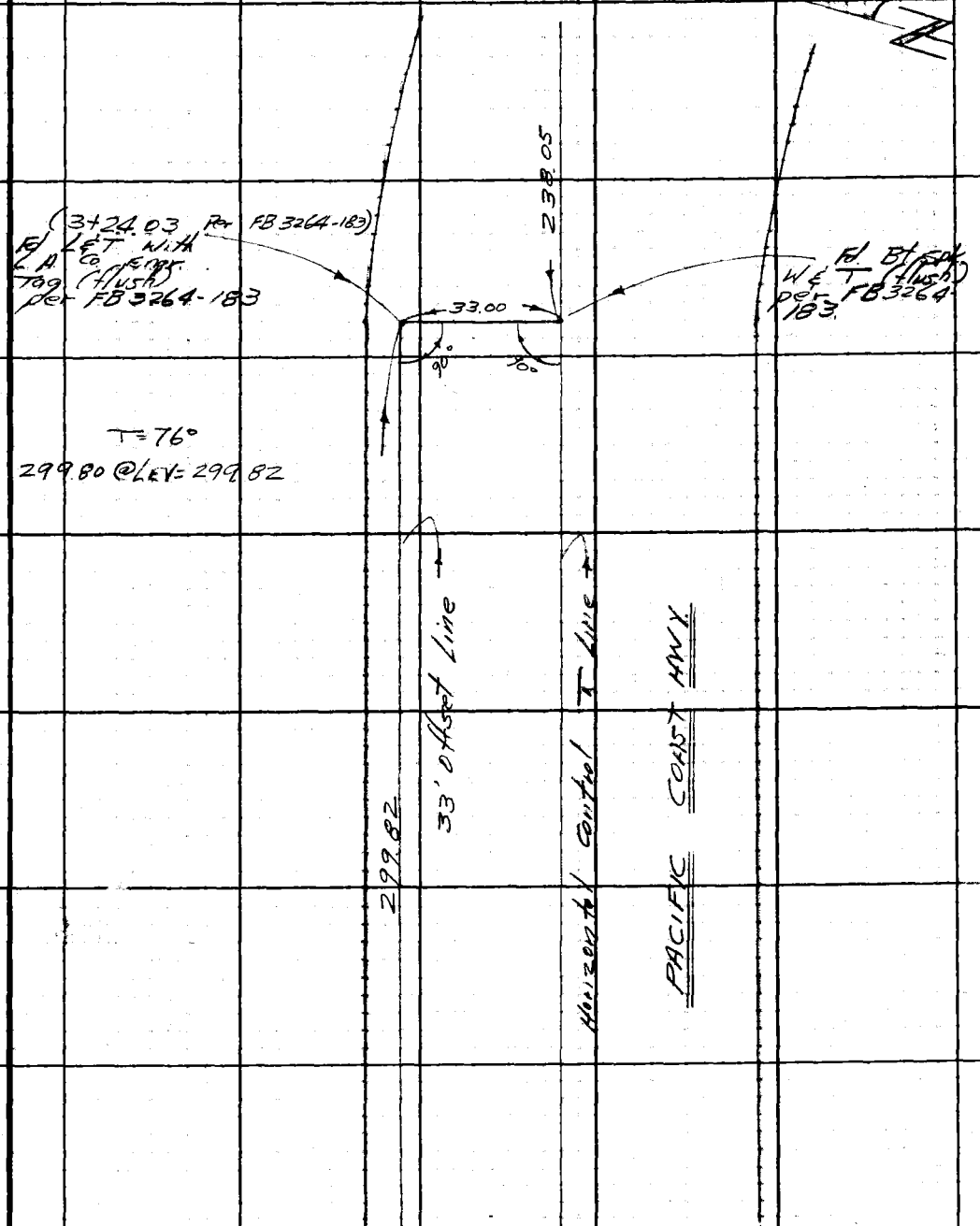
Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.87 Tape 0.193 Std 68 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 7-11-67
Date	Indexed G. L. GALLI

F. B. 3287 PG. 41

To Bott. pg 40



To TOP pg. 42

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403 Los Angeles County Engineering Bldg.
76F309S CE#310 1.65

TO BOTH. Pg. 41

F. B. 3287 PG. 42

6+23.85

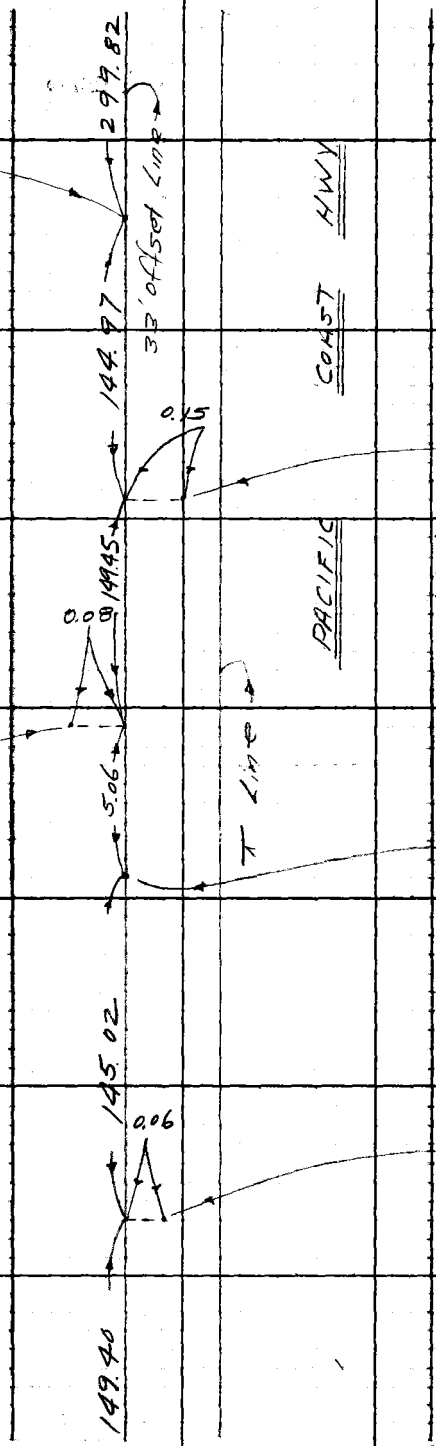
Fd. Conc. Nail
re set on line
per FB 3264-184

T=80°

144.96 @ LEV = 144.97

149.44 " = 149.45

5.06 " = 5.06



7+68.82

#14
Fd. 3/4" I.P. & cap in well per FB 3264-184

NOTE: Pipe touches Sleeve.

9+18.27

#15
Fd. 3/4" IP & cap in well per FB 3264-184

NOTE: Pipe touches inside of cover.

9+23.33
Fd. Conc. Nail
Re set on line
per FB 3264-184

T=78°

145.01 @ LEV = 145.02

10+68.35

#16
Fd. 3/4" IP & cap in well per FB 3264-184

T=80°

149.39 @ LEV = 149.40

TO TOP Pg. 43

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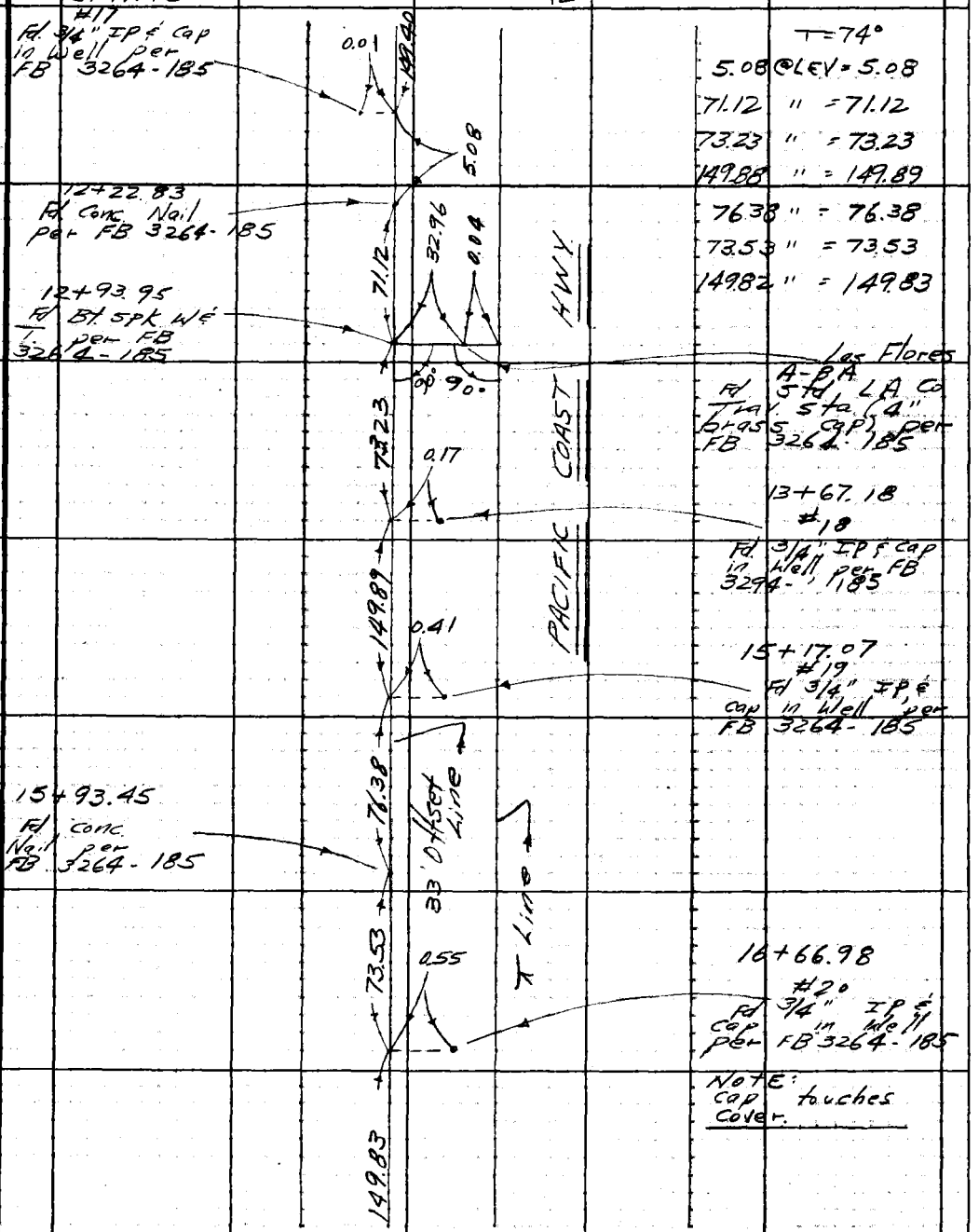
Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.87 Tape 0193 Std 68 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 1-11-67
Date	Indexed G. J. GALLI

F. B. 3287 PG. 43

TO BOTH PG. 42



TO TOP PG 44

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76F309S CE#310 1-65

F. B. 3287 PG. 44

T = 74°

16.33 @ LEV = 16.33

133.80 " = 133.81

26.98 " = 26.98

18+33.14
Fd Conc Nail per
FB 3264-186

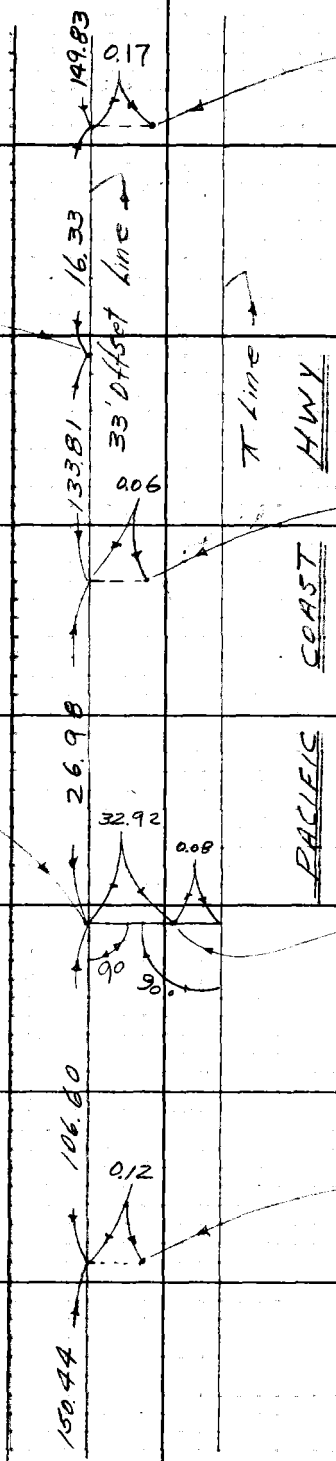
19+93.93
Fd Bt Spk
W&T per
FB 3264-186

T = 70°

106.60 @ LEV = 106.60

150.44 " = 150.44

TO Bo H. Pg. 43



18+16.81
#21
Fd 3/4" IP
& Cap in
Well per
FB 3264-186
NOTE
Cap touches
inside cover.

19+66.95
#22
Fd 3/4" IP
& Cap in
Well per
FB 3264-186

Solstice
Cyn L-8
Fd Std L.
A Co. Tray
Sta (4" brass
cap) per
FB 3264-186

21+00.53
#23
Fd 3/4" IP
& Cap in
Well per
FB 3294-
186
NOTE
Cap touches
inside cover.

TO TOP Pg. 45

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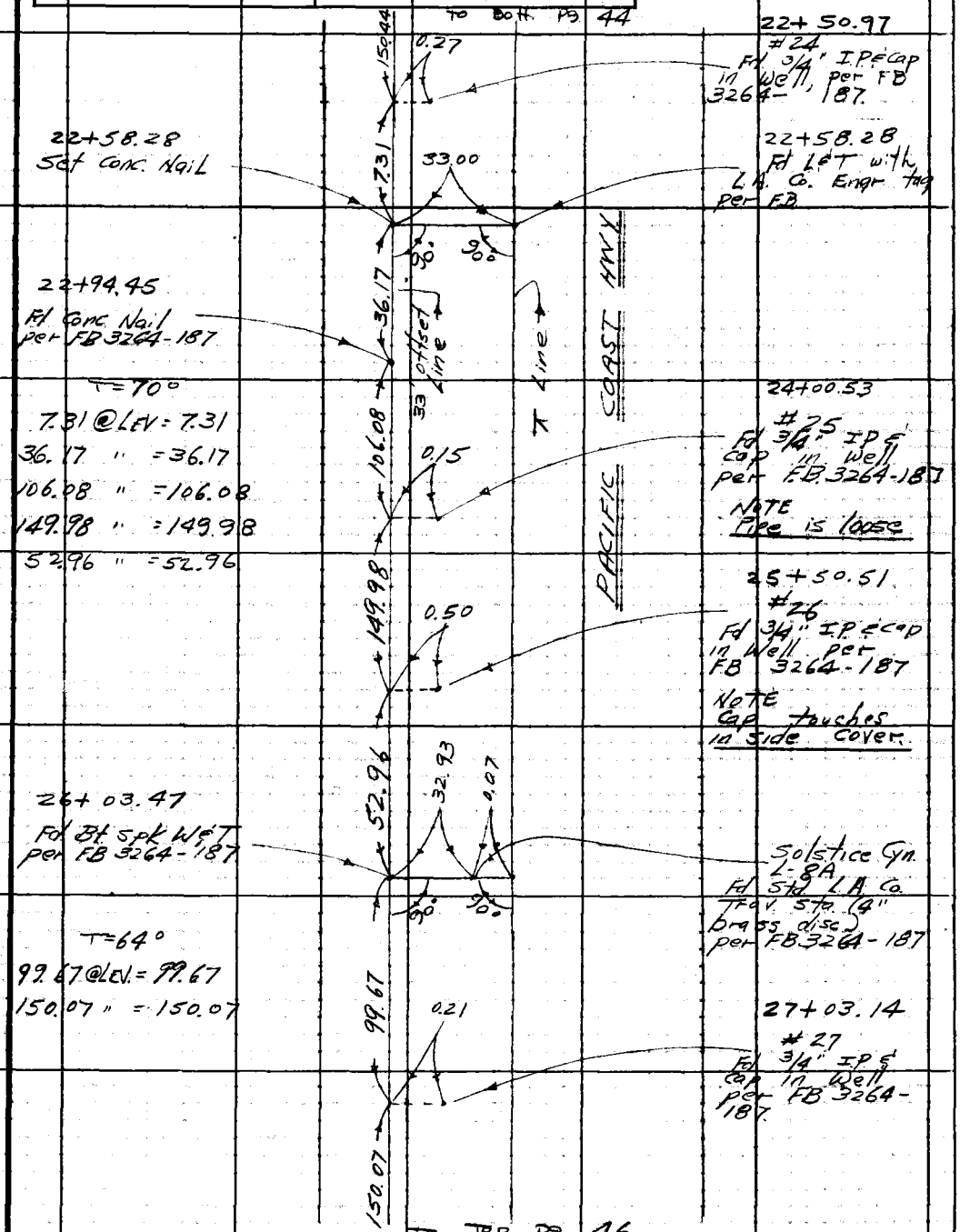
Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 529287 Tape 0193 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-12-67
Date	Indexed C. J. GALLI

F. B. 3287 PG. 45

TO BOTT. PG 44



TO TOP PG. 46

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. 3287 PG. 46

To Bott. Pg. 45

T=64°

50.37 @ LEV = 50.37

29+03.58

Fd. Conc. Nail per FB 3264-188

T=64°

98.58 @ LEV = 98.58

148.77 " = 148.77

52.35 " = 52.35

32+03.28

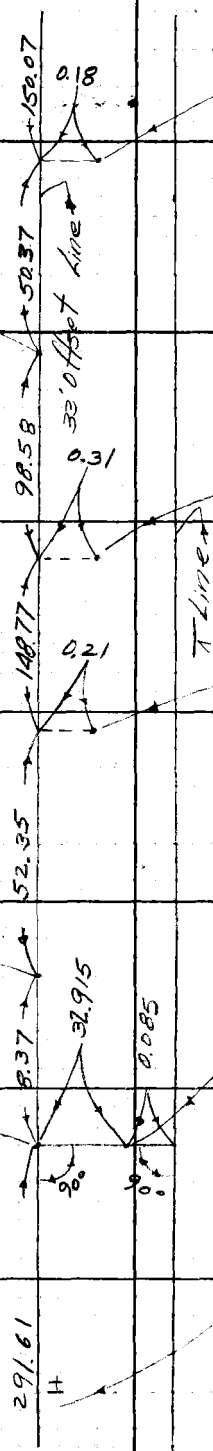
Fd. Conc. Nail per FB 3264-188

32+11.65

Set Bt. Spk W.E. T. (flush)

T=68°

291.61 @ LEV = 291.61



28+53.21

#28 Fd 3/4" IP & cap in Well per FB 3264-188

NOTE: Cap touches inside cover

30+02.16

#29 Fd. 3/4" IP & cap in Well per FB 3264-188

31+50.93

#30 Fd 3/4" IP & cap in Well per FB 3264-188.

Solstice Cyn. L-8B Fd a Std L.A. Co. Trav Sta (4" Brass Cap mon.) dn. 12" Marked L-8B

#31 NOTE: Pipe Broken off.

To Top Pg. 47

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Notes Ck'd by	Survey of Water Works Dist #29	F. B. 3287 PG. 47
Map No.	JN 5292.87 Tape 0193 Std 68 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 1-13-67	
Date	Indexed G. J. GALLI	

to Bott Pg. 46

#32 NOTE: Pipe partially broken & very loose.

35+03.26
Fd Conc. Nail per FB 3264-189

T=72°
98.49 @ LEV = 98.49
150.55 " = 150.55
51.31 " = 51.31

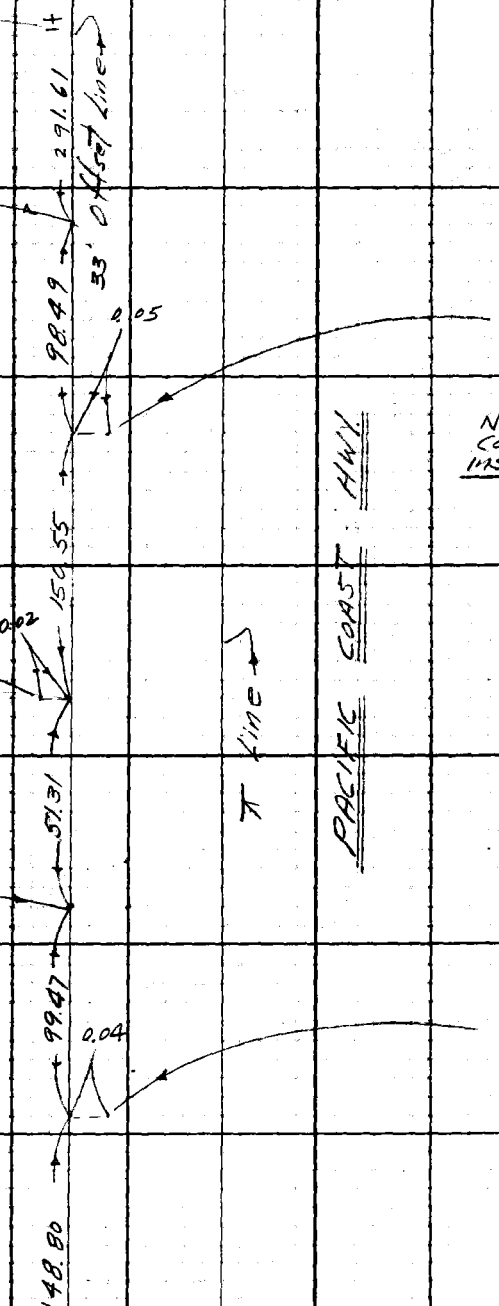
36+01.75
#33
Fd 3/4" IP & cap in Well per FB 3264-189.
NOTE: Cap touches inside cover.

37+52.30
#34
Fd 3/4" IP & cap in Well per FB 3264-189
NOTE
cap touches inside cover.

38+03.61
Fd Conc. Nail per F.B. 3264-189

T=64°
99.47 @ LEV = 99.47
148.80 " = 148.80

39+03.08
#35
Fd 3/4" IP & cap in Well per FB 3264-189.



to Top Pg. 48

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76F309S CE#310 1-65

F. B. 3287 PG 48

TO Bott. pg. 47

40+51.88
#36
Fd 3/4" I.P. & Cap in Well per FB 3264-190

NOTE:
Pipe Touches sleeve

T=64°

52.15 @LEV= 52.15

Fd Conc Nail per FB3264-190
41+04.03

T=68°

97.57 @LEV= 97.57

202.67 " = 202.67

148.80

0.10

52.15

33' Offset Line

97.57

0.37

PACIFIC COAST HWY.

42+01.60
#37
Fd 3/4" I.P. & Cap in Well per FB 3264-190

202.67

±

#38
Fd 3/4" I.P. & Cap in Well per FB 3264-190

NOTE:
Pipe broken off

π Line

44+04.27

Fd Conc Nail per FB 3264-190

T=68°

1146.36 @LEV= 1146.36

1146.36

TO TOP PG 49

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Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.87 Tape 0193 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-13-67
Date	Indexed C. J. GALLI

F. B. 3287 PG. 49

WS 71,B-3 x 114-057, B-1

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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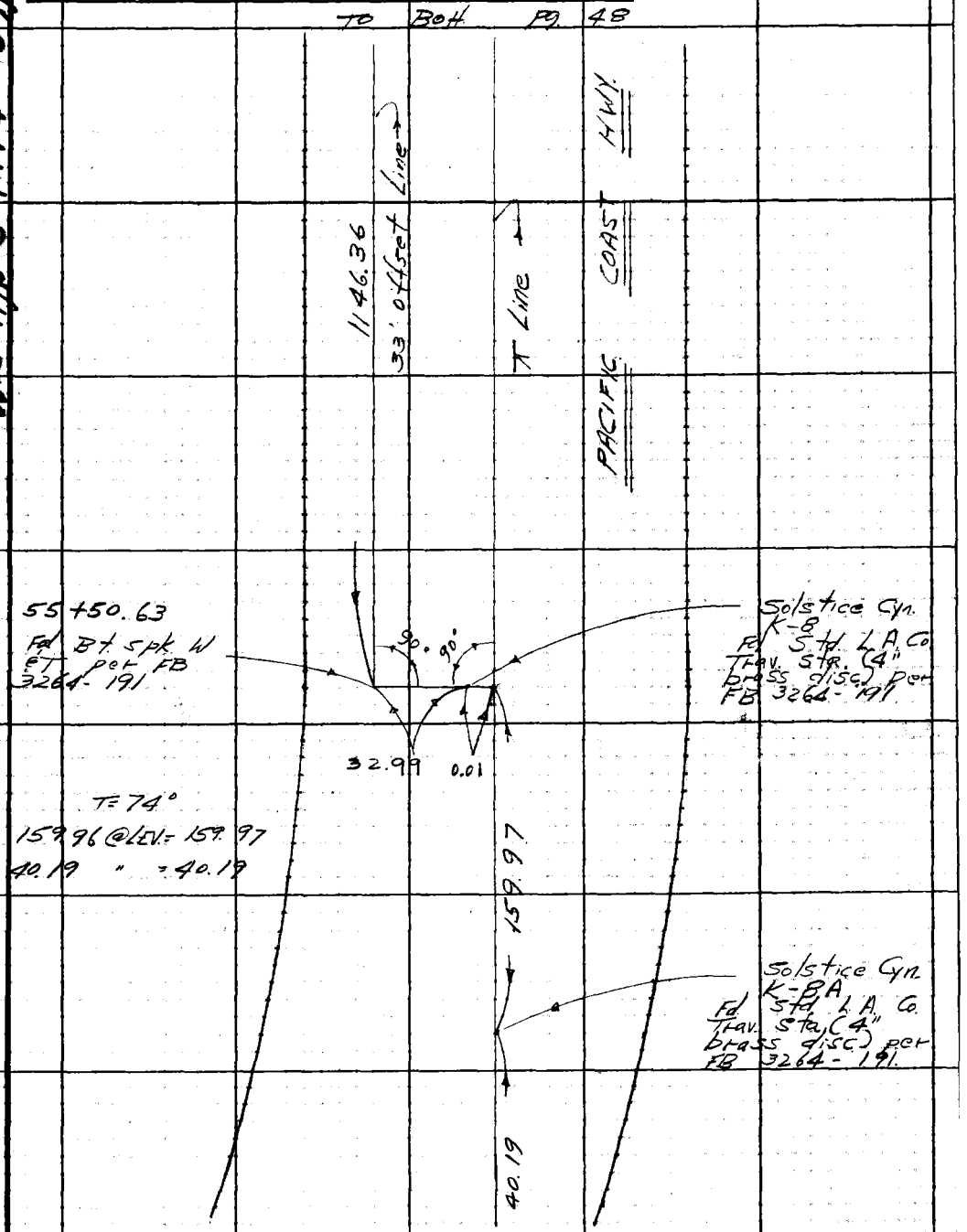
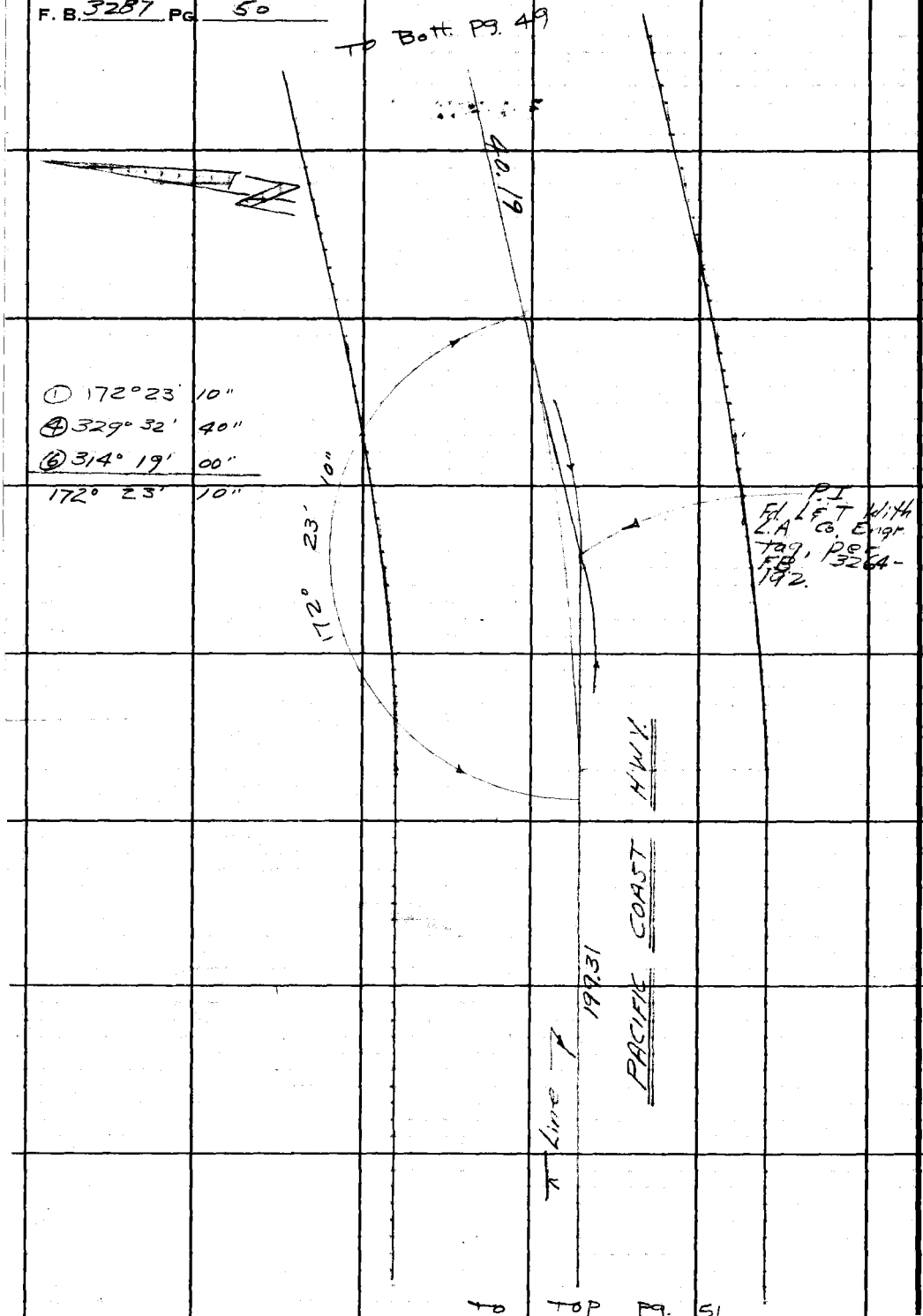


76F309S CE#310 1-65

F. B. 3287 PG. 50



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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.

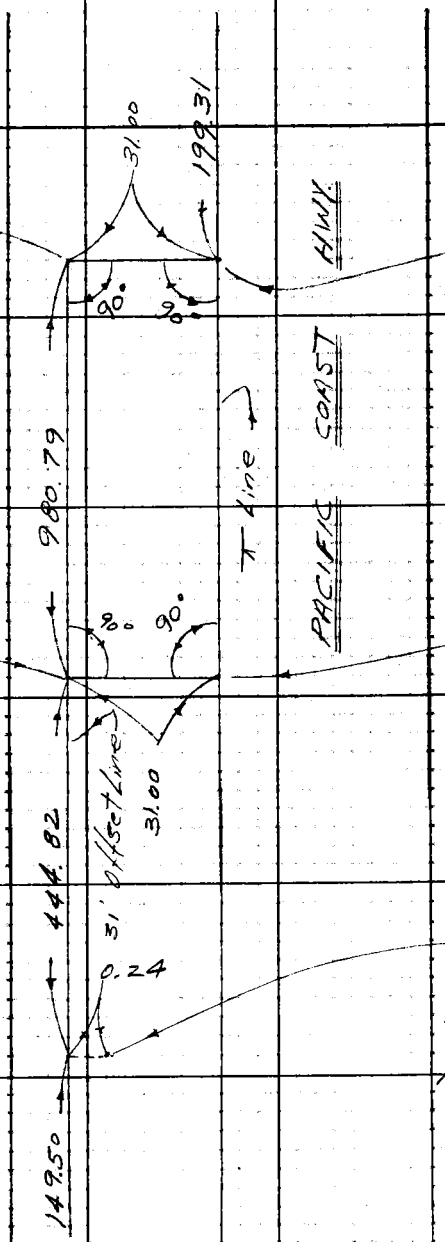
Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.87 Tape 0194 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-13-67
Date	Indexed C. J. GALLI

F. B. 3287 PG. 51

To Bott. Pg. 50

T= 54°
199.32 @ LEV = 199.31

59+45.22 per FB 3264-193
Fd. Bt. spk. w/ T. per FB 3264-193



Fd. 1" I.P. Conc. plug & Tk. with L.A. Co. Engr. Tag on 8" per FB 3264-193.

T= 56°
980.87 @ LEV = 980.79

69+26.01
Fd. Bt. spk. w/ T. per FB 3264-193

Fd. 1" I.P. Conc. plug & Tk. with L.A. Co. Engr. Tag, on 4" per FB 3264-193.

T= 62°
444.84 @ LEV = 444.82

73+70.83
#39
Fd. 3/4" I.P. & Cap in Well per FB 3294-193.
NOTE: Pipe touches sleeve.

T= 62°
149.51 @ LEV = 149.50

To Top Pg. 52

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76F309S CE#310 1-65

F. B. 3287 PG 52

To Bott. Pg. 51

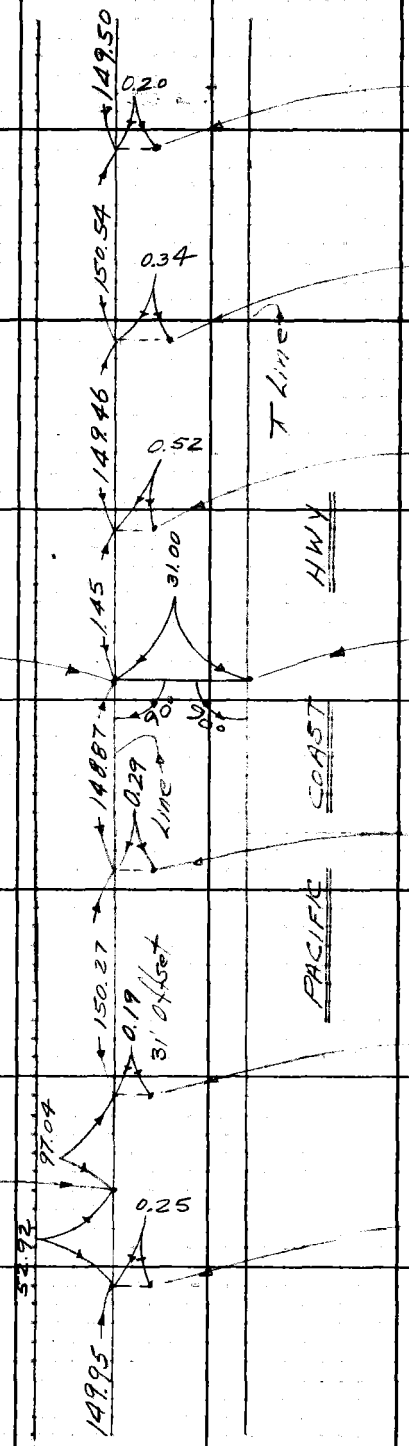
T=62°
150.55 @ LEV = 150.54
149.47 " = 149.46
1.45 " = 1.45

78+21.78
Fd Bt. spk. W.F.T
per FB 3264-194

T=64°
148.87 @ LEV = 148.87
150.27 " = 150.27
97.04 " 97.04
52.92 " = 52.92

82+17.96
Set Conc. Nail

T=52°
149.97 @ LEV = 149.95



75+20.33
#40
Fd 3/4" IP & Cap in Well
per FB 3264-194

76+70.87
#41
Fd 3/4" IP & Cap in Well
per FB 3264-194

78+20.33
#42
Fd 3/4" IP & Cap in Well
per FB 3264-194
NOTE: Pipe Touches Sleeve

Solstice
J-8
Fd. a Std L.A. Co Trav. Sta. (4" brass disc on 12" pier
FB 3264-194

79+70.65
#43
Fd 3/4" IP & Cap in Well
per FB 3264-194

81+20.92
#44
Fd 3/4" IP & Cap in Well
per FB 3264-194

82+70.88
#45
Fd 3/4" IP & Cap in Well
per FB 3264-194

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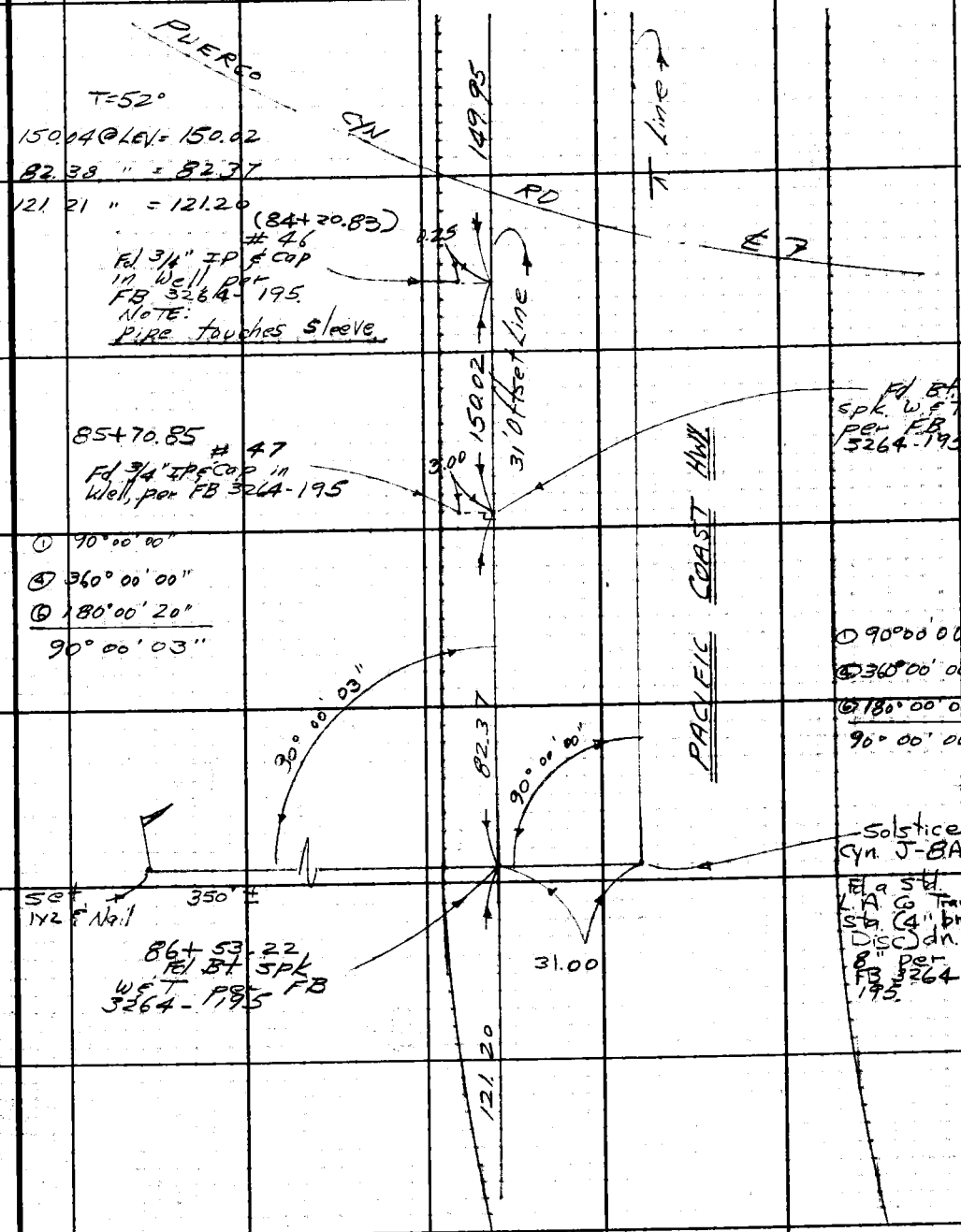
To Top Pg. 53

Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.87 Tape 0194 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-17-67
Date	Indexed [redacted]

F. B. 3287 PG. 53

TO BOH PG. 52



To TOP PG. 54

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6F309S CE#310 1-65

To Bott. Pg. 53

F. B. 3287 PG. 54

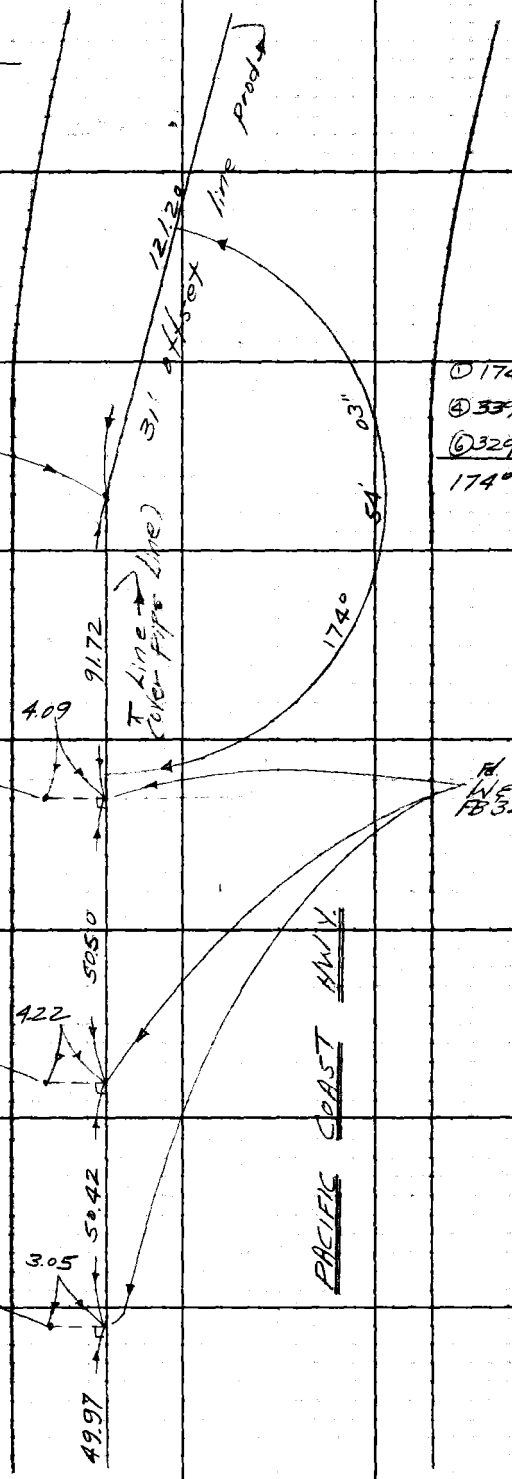
T = 52°

91.73 @ LEV = 91.72

50.51 " = 50.50

50.43 " = 50.42

49.98 " = 49.97



① 174° 54' 10"
④ 339° 36' 20"
⑥ 329° 24' 20
174° 54' 03"

87+74.42
Fd Bt spk WET with 2-6' Ties (L&T) per FB 3264-196

88+66.14 #48
Fd 3/4" IP & Cap in Well per FB 3264-196

4.09

Fd Bt spk WET per FB 3264-196

89+16.64 #49
Fd 3/4" I.P. & Cap in Well per FB 3264-196

4.22

89+67.06 #50
Fd 3/4" I.P. & Cap in Well per FB 3264-196

3.05

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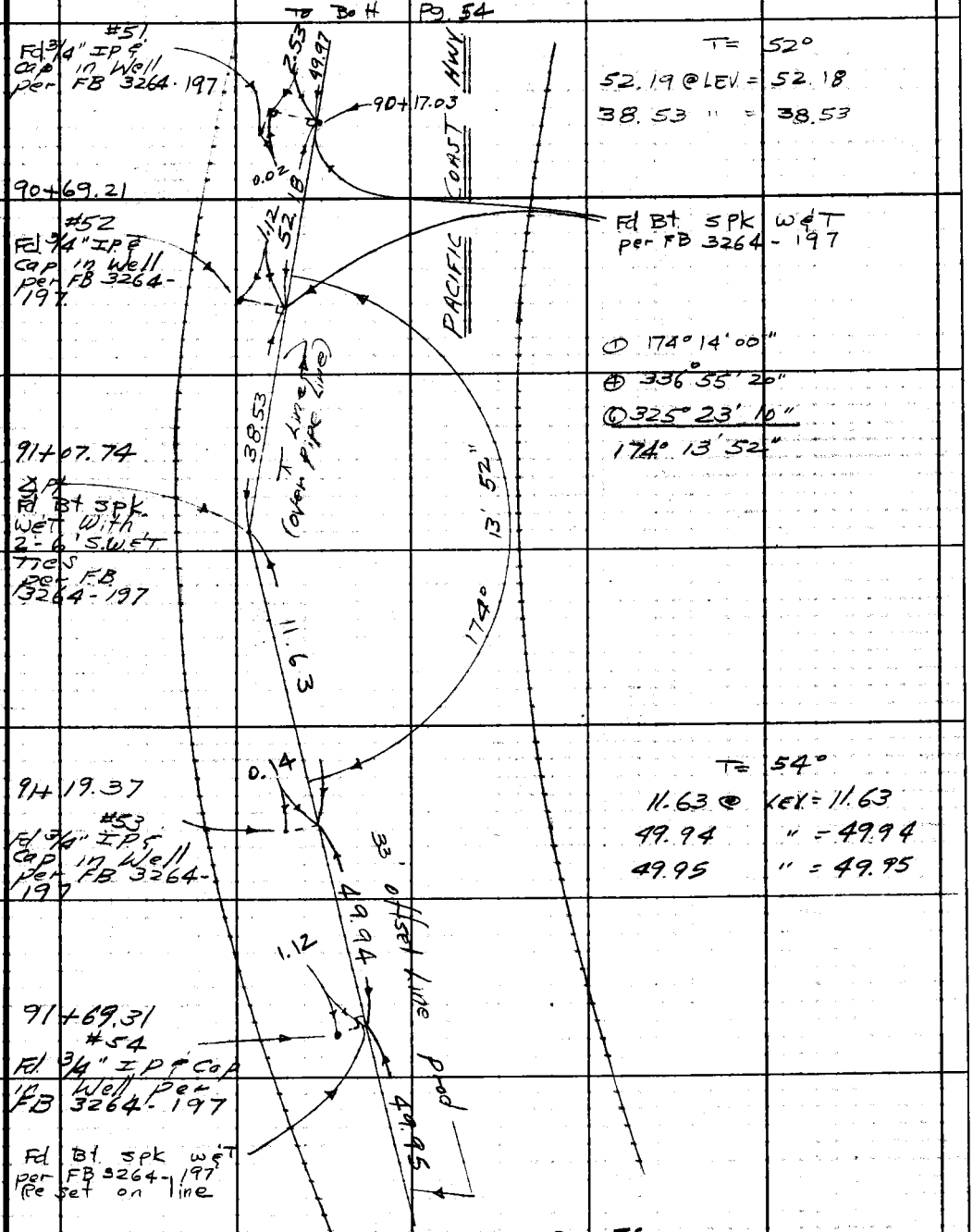
To Top Pg. 55

Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.67 Tape 0194 Std 68 °F
Office Work	Surveyed by W.J. Voge
Checked	Notes Voge Date 1-18-67
Date	Indexed C. J. GALLI

F. B. 3287 PG. 55

To B of H Pg. 54



T = 52°
52.19 @ LEV. = 52.18
38.53 " = 38.53

Fd Bt. spk wet per FB 3264-197

① 174° 14' 00"
② 336° 35' 20"
③ 325° 23' 10"
174° 13' 52"

T = 54°
11.63 @ LEV = 11.63
49.94 " = 49.94
49.95 " = 49.95

To Top Pg. 56

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76F3095 CE#310 1-65

To Bott. Pg. 55

F. B. 3287 Pg. 56

92+19.26
#55
Fd 3/4" IP & cap in Well per FB 3264-198

Fd Bt Spk W&T Reset on line Per FB 3264-198

Fd Bt Spk W&T per FB 3264-198

Solstice Cyn. I-8 Fd Std L.A. Co. Trav. Sta. (4" brass cap) dn. 12" per FB 3264-198

Equation:
92+26.60 Back = 92+28.28 Ahead

Fd Bt Spk W&T Per FB 3264-198

1.52
49.95
2.00
7.34
33.00
90
90° 00' 02"
90° 00' 00"
42.99
35' offset Line

220' ± set 1x2 & Nail

① 90° 00' 00"
④ 360° 00' 00"
⑥ 180° 00' 00"
90° 00' 00"

92+71.27
#56
Fd 3/4" I.P. & cap in Well per FB 3264-198

NOTE: Well full of dirt.

0.10

① 90° 00' 00"
④ 360° 00' 00"
⑥ 180° 00' 10"
90° 00' 02"

T = 54°
7.34 @ LEV. = 7.34
42.99 " = 42.99
49.68 " = 49.68
50.04 " = 50.04
49.67 " = 49.67

49.68
0.37
93+20.95
#57
Fd 3/4" IP & cap in Well per FB 3264-198

50.04
0.68
93+70.99
#58
Fd 3/4" IP & cap in Well per FB 3264-198

49.67

33' offset Line

T Line

PACIFIC COAST HWY

To Top Pg. 57

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Notes Ck'd by	Survey of Water Works Dist #29	F. B. 3287 Pg. 57
Map No.	JN 5292.87 Tape 0194 Std 68 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 1-18-67	
Date	Indexed C. J. GALLI	

To Bolt pg 56

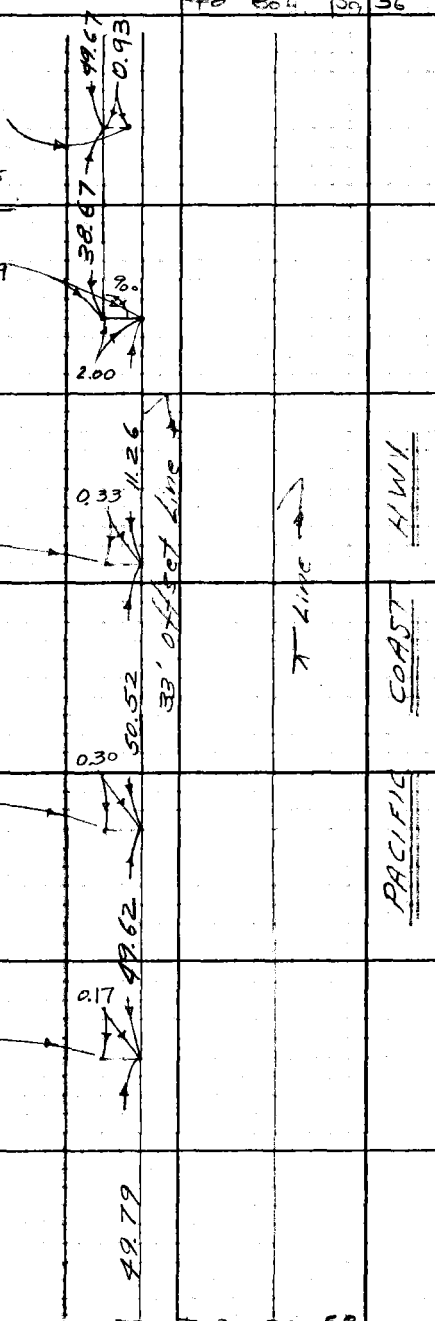
94+20.66
#59
Fd 3/4" IP & Cap in Well per FB 3264-199
NOTE Cap touches inside cover

94+59.33
Fd Bt Spk W&T per FB 3264-199

94+70.59
#60
Fd 3/4" IP & Cap in Well per FB 3264-199

95+21.11
#61
Fd 3/4" IP & Cap in Well per FB 3264-199

95+70.73
#62
Fd 3/4" IP & Cap per FB 3264-199



T = 54°
38.67 @ LEV. = 38.67
11.26 " = 11.26
50.52 " = 50.52
49.62 " = 49.62
49.79 " = 49.79

To Top pg. 58

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

To Bott. Pg. 57

F. B. 3287 Pg. 58

96+20.52

#63
Fd 3/4" IP & cap in well per FB 3264-200

0.10

49.79

49.69

0.14

96+70.21

#64
Fd 3/4" IP & cap in well per FB 3264-200
NOTE
Cap touches inside cover

49.98

33' offset Line

0.06

97+20.19

#65
Fd 3/4" IP & cap in well per FB 3264-200

49.73

0.06

97+69.92

#66
Fd 3/4" IP & cap in well per FB 3264-200

49.72

0.05

98+19.64

#67
Fd 3/4" IP & cap in well per FB 3264-200

50.28

T Line

PACIFIC COAST Hwy

T = 54°

49.69 @ Lev. = 49.69
49.98 " = 49.98
49.73 " = 49.73
49.72 " = 49.72
50.28 " = 50.28

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To Top Pg. 59

Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 529287 Tape 0194 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-19-67
Date	Indexed C. J. GALLI

F. B. 3287 PG. 59

To Bott. Pg. 58

T=54°

48.97 @ LEV = 48.97

50.24 " = 50.24

49.46 " = 49.46

50.41 " = 50.41

49.49 " = 49.49

98+69.92

#68

Fd 3/4" IP & Cap in Well per FB 3264-201

99+18.89

#69

Fd 3/4" IP & Cap in Well per FB 3264-201

99+69.13

#70

Fd 3/4" IP & Cap in Well per FB 3264-201

100+18.59

#71

Fd 3/4" IP & Cap in Well per FB 3264-201

100+69.00

#72

Fd 3/4" IP & Cap in Well per FB 3264-201

50.28 0.06

48.97 0.02

0.17 50.24

33' offset Line

Line

PACIFIC COAST HWY

49.46 0.14

50.41 0.22

49.49

To Top Pg. 60

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

PLEASE RETURN TO
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Do not extend this side of this line.

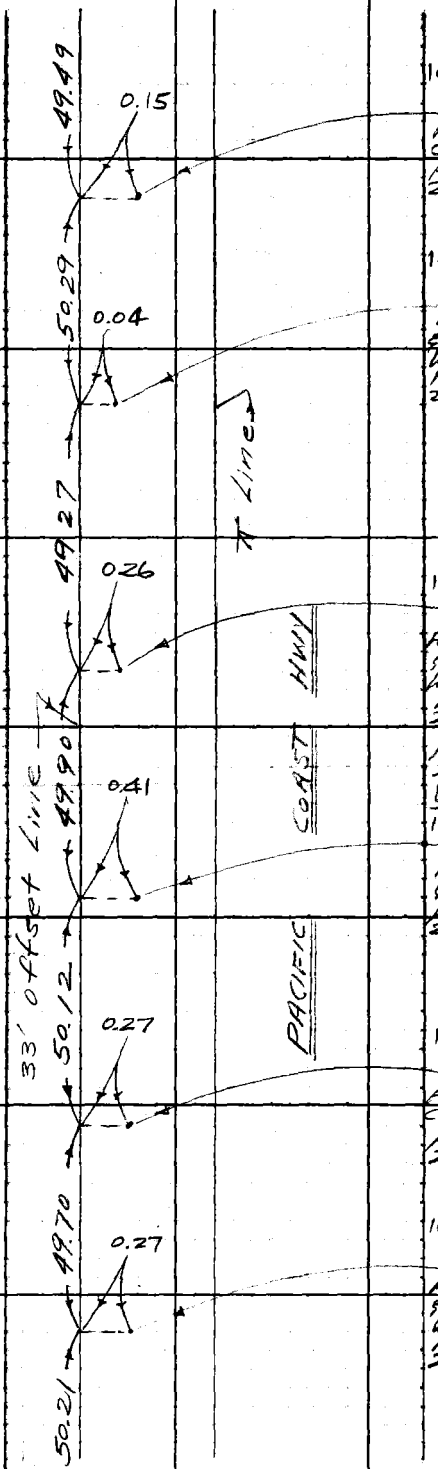
76F309S CE#310 1-65

TO Bott. PG. 59

F. B. 3287 PG. 60

T = 54°

50.29 @ LEV = 50.29
49.27 " = 49.27
49.90 " = 49.90
50.12 " = 50.12
49.70 " = 49.70
50.21 " = 50.21



101+18.49
#73
Fd 3/4" IP & cap in well per FB 3264-202.

101+68.78
#74
Fd 3/4" IP & cap in well per FB 3264-202

102+18.05
#75
Fd 3/4" IP & cap in well per FB 3264-202

NOTE: Pipe touches well

102+67.95
#76
Fd 3/4" IP & cap in well per FB 3264-202

103+18.07
#77
Fd 3/4" IP & cap in well per FB 3264-202

103+67.77
#78
Fd 3/4" IP & cap in well per FB 3264-202.

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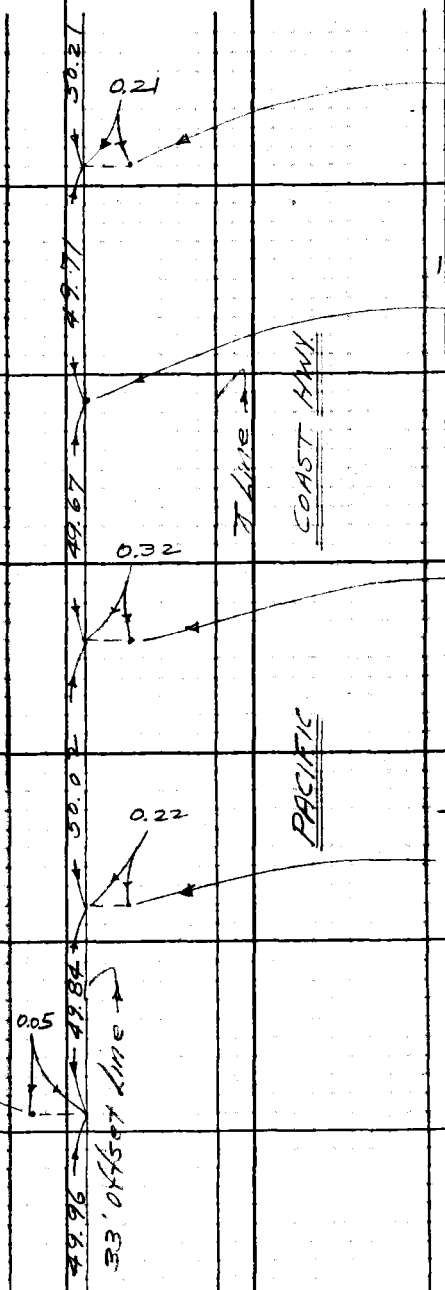
PLEASE RETURN TO
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink, With Date and Name of Person Making Change.

TO TOP PG. 61

Notes Ck'd by	Survey of Water Works Dist #29	F. B. 3287 PG. 61
Map No.	JN 529287 Tape 0194 Std 68 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 1-23-67	
Date	Indexed C. J. GALLI	

TO BOH. PG. 60



T=54°

49.71 @ LEV = 49.71

49.67 " = 49.67

50.02 " = 50.02

49.84 " = 49.84

49.96 " = 49.96

104+17.98
#79
Fd 3/4" IP & Cap in Well per FB 3264-203

104+67.69
#80
Fd 3/4" IP & Cap in Well per FB 3264-203

105+17.36
#81
Fd 3/4" IP & Cap in Well per FB 3264-203

NOTE: FB 3264-203 has offsets @ #81 & 82 interchanged

105+67.38
#82
Fd 3/4" IP & Cap in Well per FB 3264-203

106+17.22
#83
Fd 3/4" IP & Cap in Well per FB 3264-203

TO TOP PG. 62

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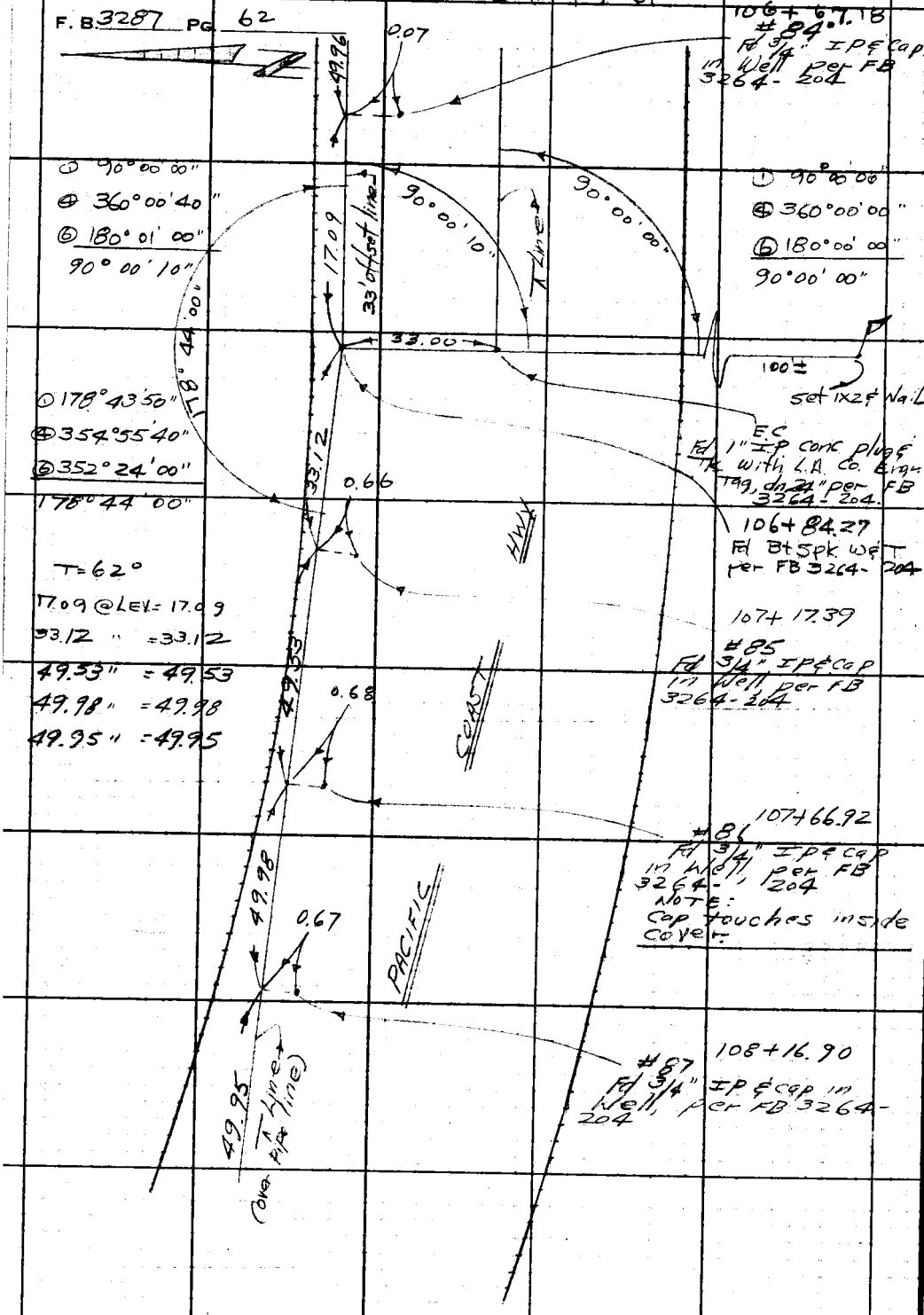
76F309S CE#310 1-65

To BoH Pg. 61



To TOP Pg. 63

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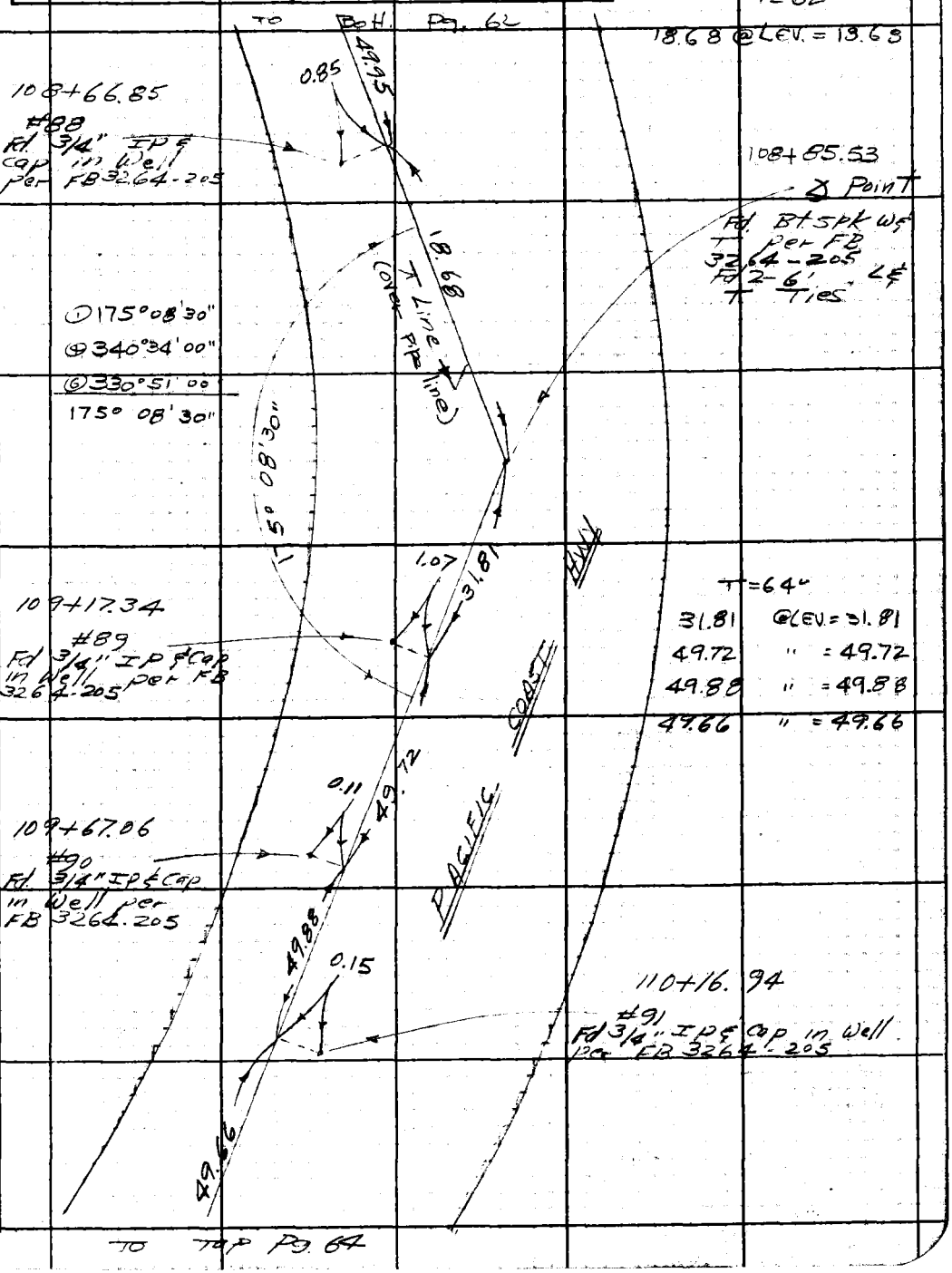
Notes Ck'd by	Survey of Water Works Dist #29	F. B. 3287 PG. 63
Map No.	JN 5292.87 Tape 0194 Std 68 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 1-23-67	
Date	Indexed C. J. GALLI	



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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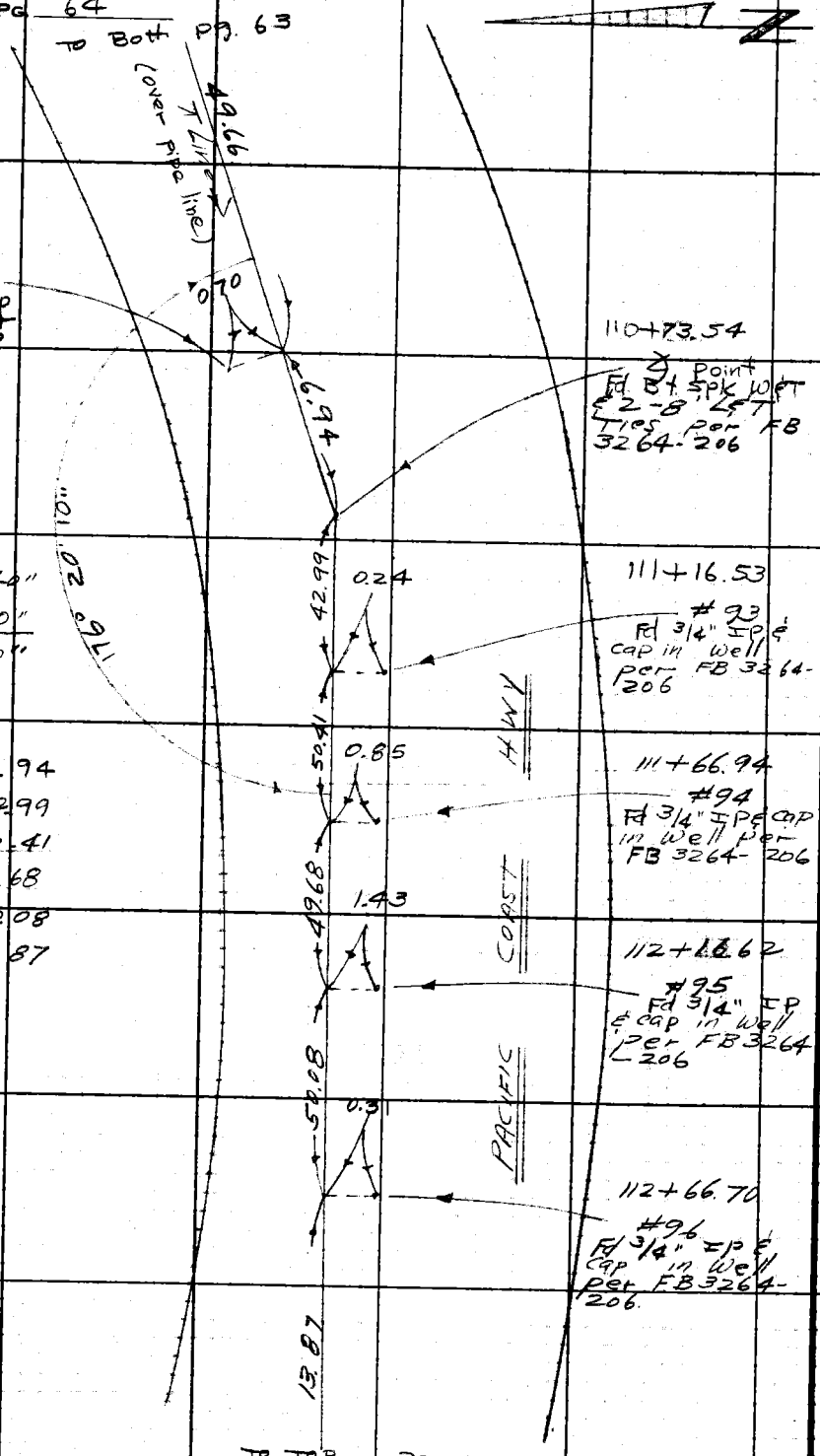
76F309S CE#310 1-65

F. B. 3287 PG 64

To Both Pg. 63



① 176°20'10"
② 345°20'40"
③ 338°01'00"
176°20'10"

T = 62°

6.94 @ Lev = 6.94
42.99 " = 42.99
50.41 " = 50.41
49.68 " = 49.68
50.08 " = 50.08
13.87 " = 13.87

To Top Pg. 65

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
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Notes Ck'd by	Survey of Water Works Dist #29	F. B. 3287 PG. 65
Map No.	JN 5292.87 Tape 0194 Std 68 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 1-28-67	
Date	Indexed C. J. GALLI	

To Bott. Pg 64

Solstice Cyn. I-9A
Fd. Std. L.A. Co. Trav. Sta. (4" brass cap) on 10" per FB 3264-207

① 178° 16' 40"
④ 353° 06' 50"
⑥ 349° 40' 10"
178° 16' 42"

112+80.57 B =
112+80.36 A

Fd. Bt. spk W & T per FB 3264-207
Reset on line & @ rec. dist.

Fd. Sq. spk & T per FB 3264-207

100'±
Set 1x2 & N.

① 90° 00' 00"
④ 360° 00' 00"
⑥ 180° 00' 00"
90° 00' 00"

① 90° 00' 00"
④ 360° 00' 00"
⑥ 179° 59' 50"
89° 59' 58"

#97
Fd. 3/4" I.P. & cap in Well per FB 3264-207

113+15.10

T = 66°
233.37 @ LEV. = 233.37
3.01 " = 3.01

113+66.57
#98
Fd. 3/4" I.P. & cap in Well per FB 3264-207

Fd. Conc. Na. L per FB 3264-207

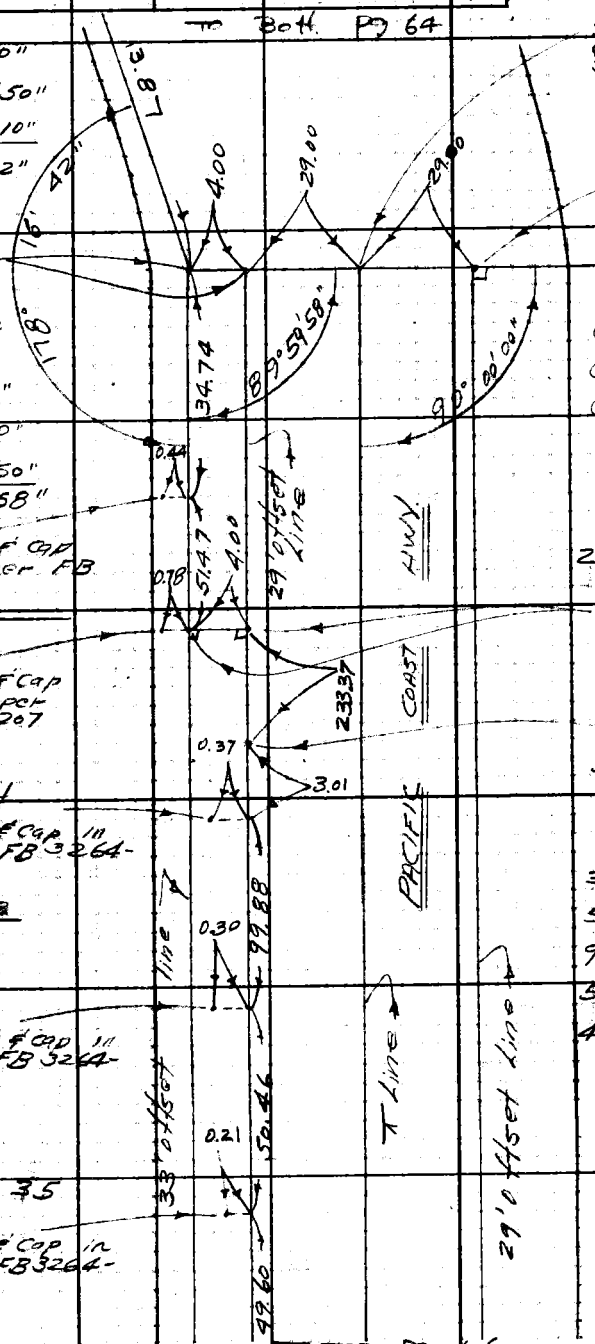
115+99.94 B =
117+09.00 A
Fd. Bt. Spk. W & T per FB 3264-207

117+03.01
#99
Fd. 3/4" I.P. & cap in Well per FB 3264-207
NOTE: Pipe Loose

T = 58°
34.74 @ LEV. = 34.74
51.47 " = 51.47
99.89 " = 99.88
50.46 " = 50.46
49.60 " = 49.60

118+02.89
#101
Fd. 3/4" I.P. & cap in Well, per FB 3264-207

118+53.35
#102
Fd. 3/4" I.P. & cap in Well per FB 3264-207



To Top Pg. 66

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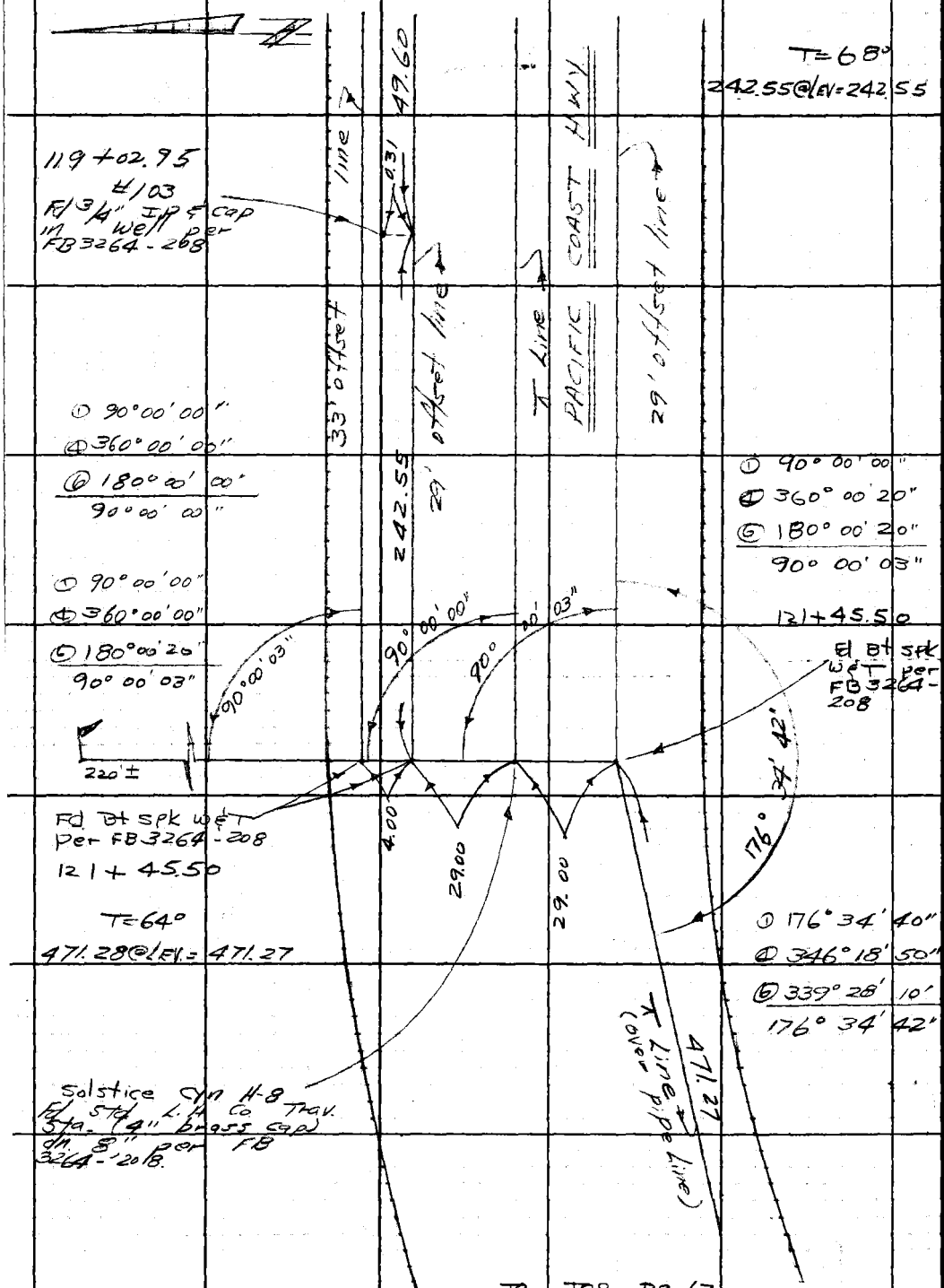
76F309S CE#310 1-65

F.B. 3287 PG. 66

TO Bott. pg. 65



TO TOP pg. 67

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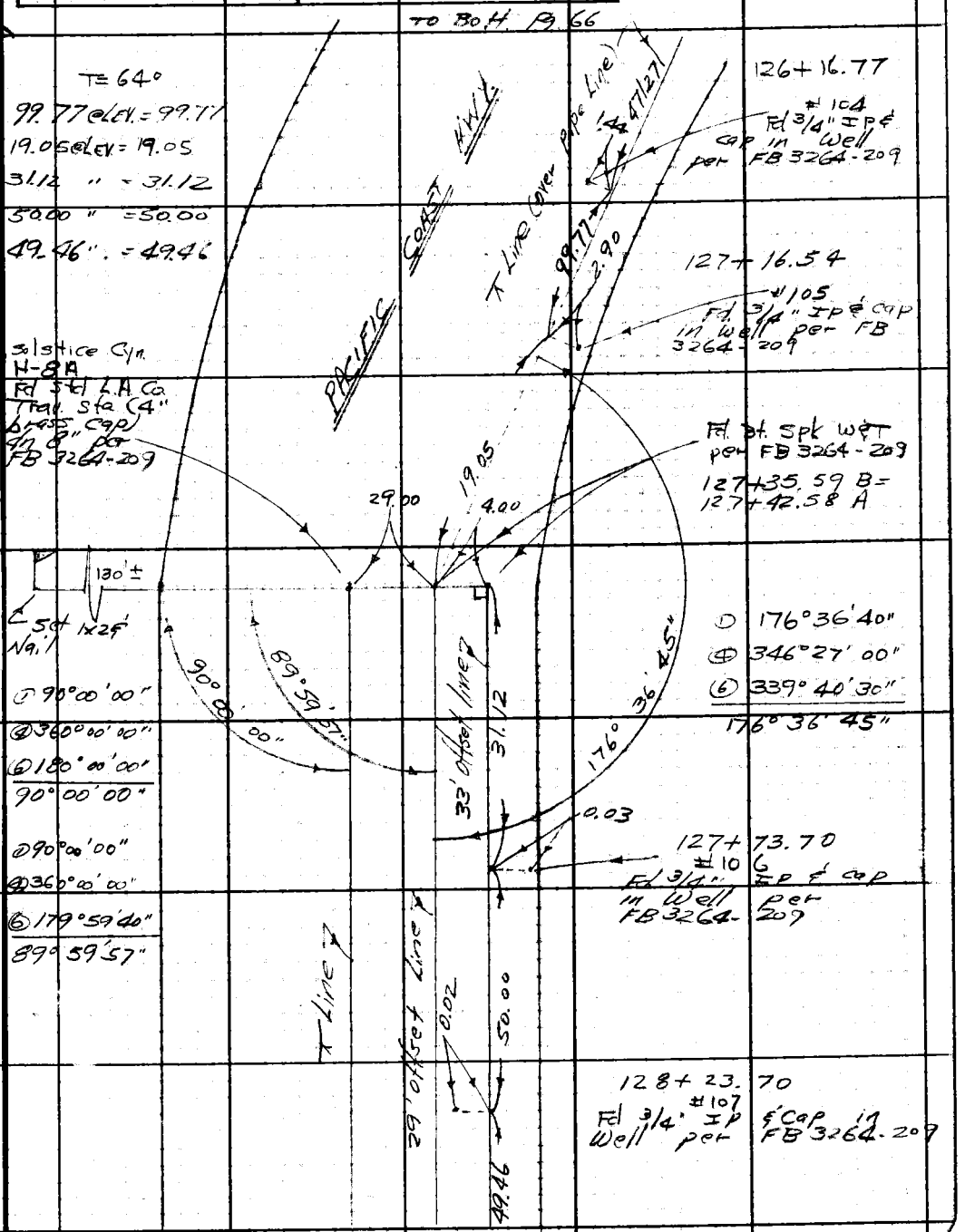
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 529287 Tape 0194 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-26-67
Date	Indexed G. J. GALLI

F. B. 3287 PG. 67



WS 9/1 A-3 & 11 #.057 A-1

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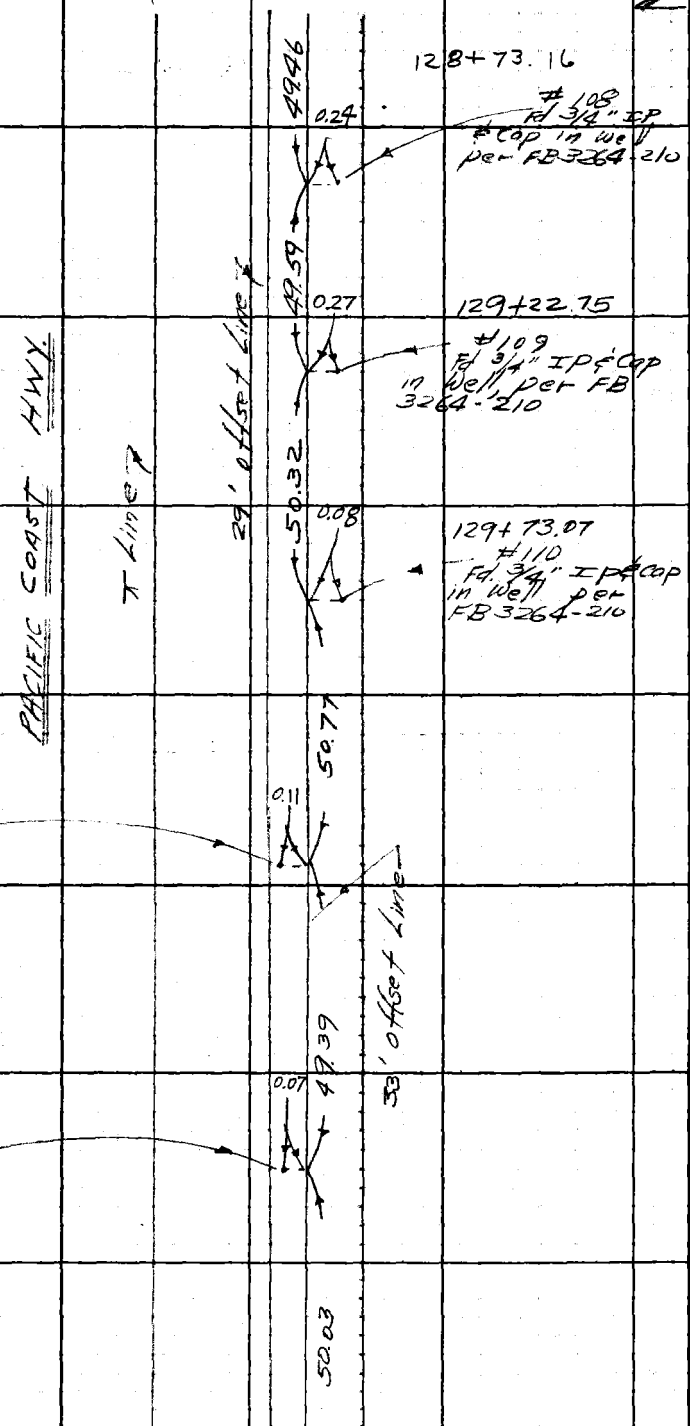
26F309S CE#310 1-65

F. B. 3287 PG. 68 TO Bott. pg. 67

T=70°
49.59 @ LEV = 49.59
50.32 " = 50.32
50.77 " = 50.77
49.39 " = 49.39
50.03 " = 50.03



TO TOP PG 69

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Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.87 Tape 0194 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-26-67
Date	Indexed G. J. GALLI

F. B. 3287 PG. 69

To Bott. pg 68

T = 70°

49.86 @ LEV. = 49.86
49.44 " = 49.44
1.90 " = 1.90
48.89 " = 48.89
49.69 " = 49.69

PACIFIC COAST HWY

π Line

29' offset Line

131+23.25
#113
Fd 3/4" IP & Cap in Well per FB 3264-211

50.03
0.20
49.86

131+73.12
#114
Fd 3/4" IP & Cap in Well per FB 3264-211

0.16
49.44

① 90° 00' 00"
④ 360° 00' 00"
⑥ 179° 59' 40"
89° 59' 57"

132+22.56
#115
Fd 3/4" IP & Cap in Well per FB 3264-211

0.26

① 90° 00' 00"
④ 360° 00' 00"
⑥ 180° 00' 00"
90° 00' 00"

90° 00' 00"
89° 59' 57"
29.00
4.00
1.90
33' offset line

120' ±
set 1x2
& Nail

132+24.46
Fd. Bt. Spk. W & T per FB 3264-211

Solstice Cyn. H-8B
Fd. L.A. Co Trav. Sta. (4" brass cap) dn. 8" per FB 3264-211

48.89
0.24
49.69

132+73.35
#116
Fd 3/4" IP & Cap in Well per FB 3264-211

To To P pg. 70

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. 3287 PG. 70

T = 70°

50.23 @ LEV. = 50.23

49.73 " = 49.73

49.72 " = 49.72

49.80 " = 49.80

50.30 " = 50.30

TO BOH. Pg. 69

PACIFIC COAST HWY

← Line →

29' offset Line →

49.69 0.20 133+23.04

#117 Fd 3/4" IP & cap in Well per FB 3264-212.

50.23 0.21 133+73.27

#118 Fd 3/4" IP & cap in Well per FB 3264-212

49.73 0.31 134+23.00

#119 Fd 3/4" IP & cap in Well per FB 3264-212 NOTE: Cap touches in side cover.

& Pipe touches sleeve.

49.72 0.57 134+72.72

#120 Fd 3/4" IP & cap in Well per FB 3264-212 NOTE: Pipe touches sleeve.

49.80 0.48 135+22.52

#121 Fd. 3/4" IP & Cap in Well per FB 3264-212.

50.30 33' offset Line

TO TOP Pg. 71

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Notes Ck'd by	Survey of Water Works Dist #29	F. B. 3287 PG. 71
Map No.	JN 5292.87 Tape 0194 Std 68 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 1-26-67	
Date	Indexed G. J. GALLI	

TO BOH Pg. 70

T = 70°

50.31 @ LEV. = 50.31
49.55 " = 49.55
53.24 " = 53.24
46.56 " = 46.56
53.73 " = 53.73

PACIFIC COAST HWY.

π Line

29' offset Line

33' offset Line

50.30 0.47 135+72.82 #122 Fd 3/4" IP & cap in Well per FB 3264-213

50.31 0.51 136+23.13 #123 Fd 3/4" IP & cap in Well per FB 3264-213

49.55 0.65 136+72.68 #124 Fd 3/4" IP & cap in Well per FB 3264-213

53.24 0.87 137+25.92 #125 Fd 3/4" IP & cap in Well per FB 3264-213

46.56 0.93 137+72.48 #126 Fd 3/4" IP & cap in Well per FB 3264-213

53.73

TO TOP Pg. 72

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76F309S CE#310 1-65

F. B. 3287 PG. 72

To Bot. Pg. 69

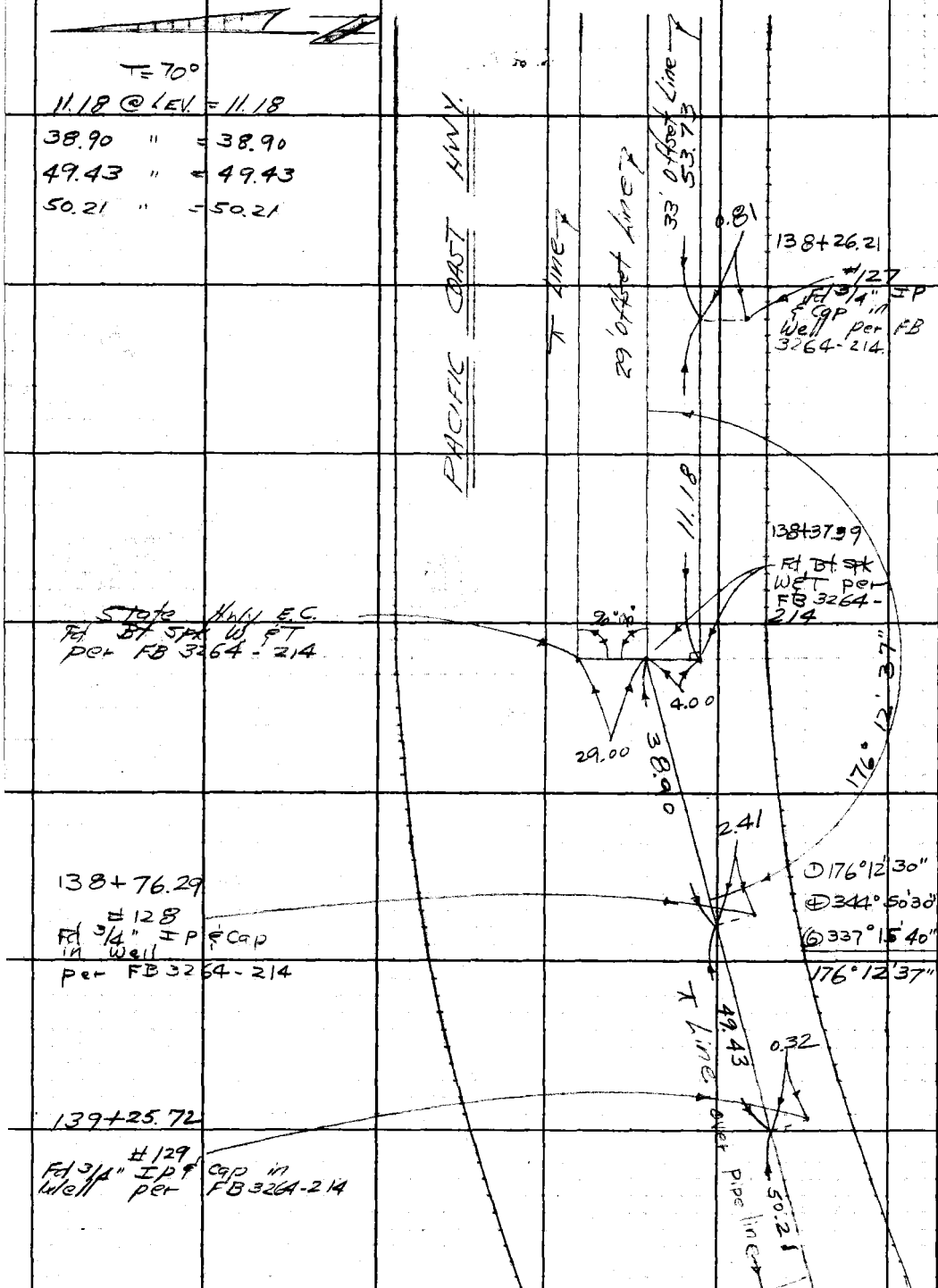
T = 70°

11.18 @ LEV. = 11.18

38.90 " = 38.90

49.43 " = 49.43

50.21 " = 50.21



To Top Pg. 73

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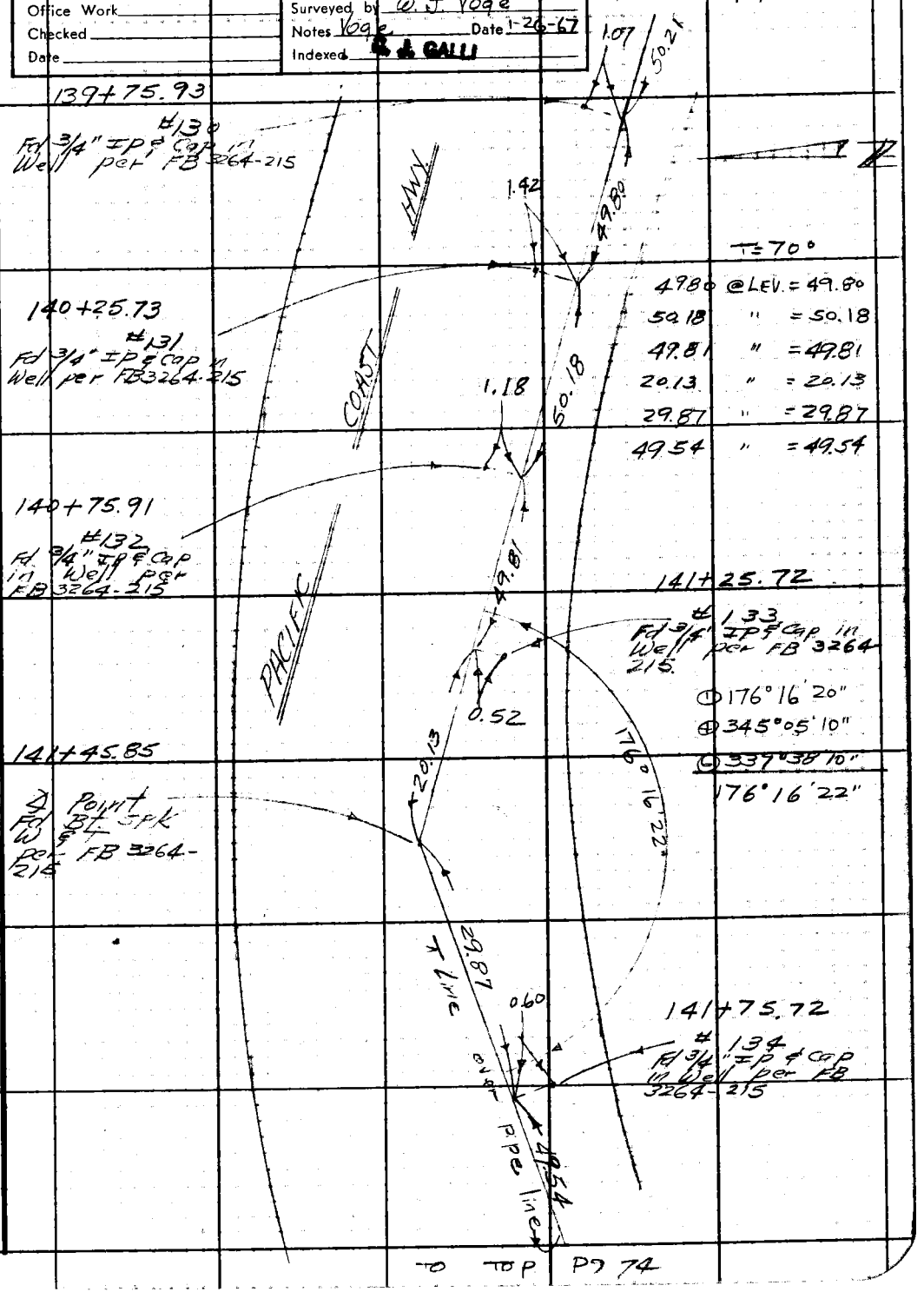
Notes Ck'd by	Survey of Water Works Dist #29
Map No.	JN 5292.87 Tape 0194 Std. 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-26-67
Date	Indexed G. J. GALLI

F. B. 3287 PG. 73

TO Bott Pg 72



TO TOP Pg 74

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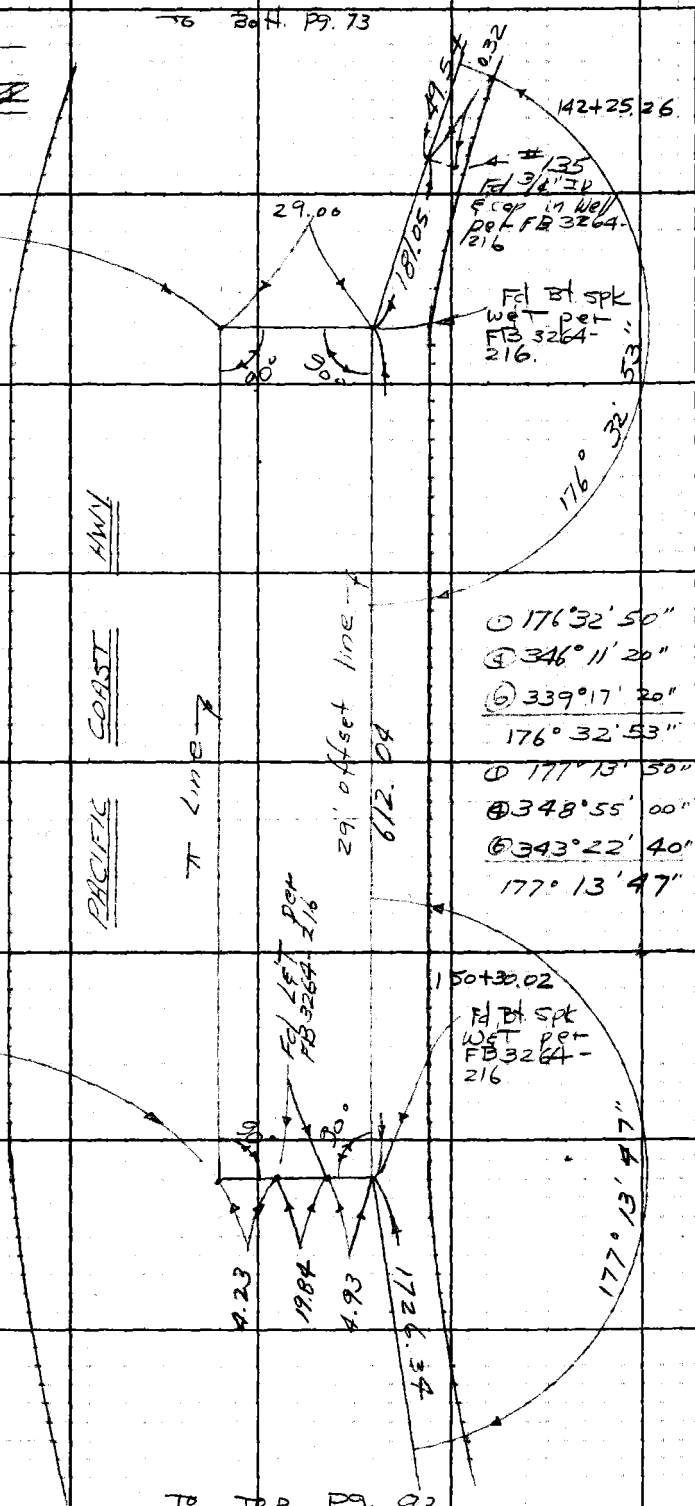
76F309S CE#310 1-65

F. B. 3287 Pg. 74

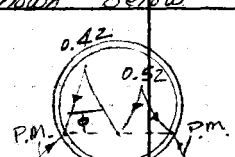
144+06.31 Back =
144+17.98 Ahead

Fd Bt Spk W
℄ T per FB
3264-216

T = 68°
181.05 @ LEV = 181.05
612.04 " = 612.04
1726.34 " = 1726.34



Set
Mark in M.H.
Cover @ rec
dist from L℄T
Fd 2 P.M. Ties
Shown Below



To Top Pg. 93

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F.B. 3287 Pg. 75

Profile No. _____ Notes Red _____ Plotted _____ Job No. 5292.87 Division No. _____
Date _____ Date _____ Survey of WATER WORKS DISTRICT #29
X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by WJ VOGE Notes STRADER Date 1-12-67
Date _____ Date _____ Map No. _____ Indexed G. L. GALLI Date _____

WATER WORKS DISTRICT No. 29

J.N. 5292.87

PIPELINE MONUMENTS

PROFILE OF SURVEY MONUMENTS
FOR VERTICAL MOVEMENT FROM LAS FLORES
B-9B TO SOLSTICE CANYON K-8A.

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

REFERENCE	PARTY
F.B. 1369	WJ VOGE
F.B. 3264	R STRADER
	W DIETZ
	H WHITEHOUSE

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76-L 296 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. 48-81	6076	21312		15236	B.M. 48-81, EL = 15.236 PER F.B. 1369-68, A 4" BRASS DISK MARKED LAS FLORES B-9B.	
TP	5690	22128	4874	16438		
TP	5348	22645	4831	17297		
LAS FLORES B-8	6167	22855	5957	16688	LAS FLORES B-8, A 4" BRASS DISK MKD. LAS FLORES B-8	
TP	5793	22224	6424	16431		
TP	5810	21786	6248	15976		
TP	5669	21203	6252	15534		
B.M. 48-82A			6145	15058	B.M. 48-82A, EL = 15.054 PER F.B. 1369-141 92° N. OF S. CURB OF TRAFFIC ISLAND, 40.6 NE'LY OF LEAD & TACK IN E'LY CURB OF ISLAND, A 2½" CO. ENG. BRASS CAP MON., MKD. C.C. #5 E.C.	
B.M. 48-82A	5470	20524		15054	SEE DESCRIPTION ABOVE	
TP	5477	20788	5213	15311		
TP	6519	22445	4862	15926		
TP	9308	28969	2784	19661		
TP	11923	40557	0335	28634		
TP	11722	52022	0257	40300		
TP	9110	60709	0423	51599		
B.M. 48-83			4332	56377	B.M. 48-83, EL. = 56.451 PER F.B. 1369-70 A 4" BRASS DISK MKD. LAS FLORES A-8	

F.B. 3287 PG 76
Job No. 5292.87 Division No. Notes Red Plotted Profile
Survey of WATER WORKS DISTRICT # 29 Date 1-12-67 Date No. X-Sec.
Survey by WJ VOGE Notes R. STRADER Notes Chkd. Checked No.
Indexed Date Date Date

76-L298 CE 307 3-61

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. 48-83	11 985	68 436		56 451	BM. 48-83, EL = 56.451	PER F.B. 1369-70, A 4"
					BRASS DISK MKD. LAS	FLORES A-8
TP	11 212	78 746	0 902	67 534		
TP	10 507	88 304	0 949	77 797		
TP	7 947	95 932	0 319	87 985		
B.M. 48-83A			4 796	91 136	B.M. 48-83A, EL=91.187	PER F.B. 1369-139,
					1964 ADJ., A 2¼" CO. ENG.	BRASS CAP IN CATCH BASIN,
					MKD. B.M. 48-83 A 1960	
B.M. 48-83A	11 078	102 265		91 187	SEE DESCRIPTION ABOVE	
TP	11 017	112 847	0 435	101 830		
TP	11 190	123 218	0 819	112 028		
TP	11 615	134 580	0 253	122 965		
TP	11 652	145 399	0 833	133 747		
HAND HOLE # 14			10 180	135 219		
TP	11 336	156 026	0 709	144 690		
H.H. # 15			10 505	145 521		
TP	11 790	166 954	0 862	155 164		
H.H. # 16			10 887	156 067		
	11 718	178 113	0 559	166 395		
H.H. # 17			11 594	166 519		
H.H. # 18			2 315	175 798		

Profile Notes Red ____ Plotted ____ Job No. 5292.87 Division No. ____
No. ____ Date ____ Date ____ Survey of WATER WORKS DISTRICT # 29
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.J. VOGE Notes STRADER Date 1-12-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3287 Pg. 77

76-L298 CE 307 3-61

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F.B. 3287 Pg. 78
Job No. 5292.87 Division No. DISTRICT # 29
Survey of WATER WORKS
Survey by W. VOGE Notes R. STRADER
Indexed Date
Notes Red Date 1-12-67 Notes Chkd. Date
Plotted Date Checked Date
Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		178 113				
TP	2237	180050	0300	177813		
B.M. 48-84			8183	171867	BM. 48-84, EL. = 171.728 PER F.B. 1369-71, 1964 ADJ.,	
					A 4" BRASS DISK MKD.	LAS FLORES A-8A
B.M. 48-84	10637	182365		171728	SEE DESCRIPTION	ABOVE
TP	10302	192040	0627	181738		
H.H. #19			8722	183318		
H.H. #20			2210	189830		
TP	9389	200518	0911	191129		
H.H. #21			5754	194764		
H.H. #22			2259	198259		
TP	6771	205190	2099	198419		
H.H. #23			5296	199894		
TP	4663	205555	4298	200892		
H.H. #24			5105	200456		
B.M. 48-85A			7770	197785	BM. 48-85A, EL. = 197.807 PER F.B. 1369-140	
					U.S. COAST & GEODETIC	4" BRASS DISK MKD.
					D 1052, 1960.	
B.M. 48-85A	7466	205273		197807	SEE DESCRIPTION	ABOVE.
H.H. #25			5900	199373		
TP			6939	198334		

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.		
TP	2854	201 188		198 334		
H.H. # 26			4 039	197 149		
BM. 48-86			5 142	196046	BM 48-86, EL.= 196.032 PER FB. 1369-73, A 4" BRASS DISK MKD. SOLSTICE CANYON L-8A	
BM 48-86	1 738	197 770		196 032	SEE DESCRIPTION ABOVE	
H.H. # 27			4 794	192 976		
TP	1 050	189 825	8 995	188 775		
H.H. # 28			1 968	187 857		
H.H. # 29			7 541	182 284		
TP	1 320	181 583	9 562	180 263		
H.H. # 30			4 662	176 921		
B.M. 48-87			6 388	175 195	B.M. 48-87, EL.= 175,196 PER FB. 1369-74 1964 ADJ., A 4" BRASS DISK MKD. SOL. CYN. L-8B.	
B.M. 48-87	2 084	177 280		175 196	SEE DESCRIPTION ABOVE	
TP	1 645	171 173	7 752	169 528		
H.H. # 33			7 490	163 683		
TP	4 088	167 876	7 385	163 788		
H.H. # 34			5 401	162 475		
TP	4 750	167 113	5 513	162 363		
H.H. 35			4 905	162 208		
H.H. #36			5 558	161 555		

Profile Notes Red. Plotted Job No. 52987 Division No.
No. Date Date Survey of WATER WORKS DISTRICT # 29
X-Sec. Notes Chkd. Checked Survey by W.O. VOGE Notes STRUCK Date 1-12-67
No. Date Date Map No. Indexed C. L. GALL Date

F.B. 3287 Pg. 79

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.		
		167 113				
TP	4 577	166 109	5 581	161 532		
H.H. # 37			5 152	160957		
TP	3 632	164 089	5 652	160457		
TP	1 709	158 142	7 656	156433		
TP	1 199	149 953	9 388	148754		
TP	2 659	143 243	9369	140584		
TP	5 238	142 150	6331	136912		
B.M. 48-88			4650	137500	B.M. 48-88, EL. = 137.493 PER F.B 3264-123 A 4" BRASS DISK MKD. SOLSTICE CANYON K-8,	
B.M. 48-88	5 735	143 228		137 493	SEE DESCRIPTION ABOVE	
B.M. 48-89			3372	139 856	B.M. 48-89, EL. = 139.858 PER F.B. 3264-123 A 4" BRASS DISK MKD. SOLSTICE CANYON K-8A	

F.B. 3287 Pg. 80

Job No. 529287 Division No. Notes Red Plotted Profile

Survey of WATER WORKS DISTRICT # 29 Date 1-12-67 Date No.

Survey by WJ VOGE Notes R. STRADER 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.		
BM 48-89	7 111	146 969		139 858	BM 48-89, EL. = 139.858 PER FB 3264-123, A 4" BRASS DISK MKD. SOLSTICE CANYON K-8A.	
TP	7 734	151 794	2 909	144 060		
TP	7 993	156 843	2 944	148 850		
TP	7 628	161 890	2 581	154 262		
BM 48-89A			2 170	159 720	BM 48-89A, EL. = 159.714 PER FB 1369-143 A U.S.C. & G.S. 4" BRASS DISK IN HEADWALL MKD. E 1052, 1960.	
BM 48-89A	8 951	168 665		159 714	SEE DESCRIPTION ABOVE	
TP	7 707	173 779	2 593	166 072		
TP	7 378	178 271	2 886	170 893		
H.H. #39			6 935	171 336		
H.H. #40			4 554	173 717		
TP	6 154	180 897	3 528	174 743		
H.H. #41			5 722	175 175		
H.H. #42			5 282	175 615		
TP	4 200	179 976	5 121	175 776		
H.H. #43			4 806	175 170		
H.H. #44			6 522	173 454		
TP	3 062	175 975	7 063	172 913		
H.H. #45			4 761	171 214		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5292 87 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of WATER WORKS DISTRICT # 29
Notes Chkd. ____ Checked ____ Survey by W.O. VOGE Notes STRADER Date 1-19-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3287 Pg. 81

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STATION	B.S.	H.I.	F.S.	ELEV.		
		175 975				
TP	2 432	169 704	8 703	167 272		
H.H. #46			2 600	167 104		
H.H. #47			6 160	163 544	1.040 DIFFERENCE FROM F.B. 3264-235.	
BM 48-91			9 030	160 674	BM. 48-91, EL. = 160.706 PER FB 1369-77	
					A 4" BRASS DISK MKD.	
BM. 48-91	2 341	163 047		160 706	SEE DESCRIPTION ABOVE	
H.H. #48			9 524	153 523		
TP	0 842	152 922	10 967	152 080		
H.H. #49			1 862	151 060		
H.H. #50			4 392	148 530		
H.H. #51			6 603	146 319		
H.H. #52			9 168	143 754		
TP	1 329	143 131	11 120	141 802		
H.H. #53			2 176	140 955		
H.H. #54			5 040	138 091		
H.H. #55			8 370	134 761		
BM 48-92			8 891	134 240	BM 48-92, EL. = 134.080 PER FB 1369-78	
					A 4" BRASS DISK MKD. SOLSTICE CANYON I-8	
BM 48-92	1 802	135 882		134 080	SEE DESCRIPTION ABOVE	
H.H. #56			4 157	131 725		

F.B. 3287 Pg. 82

Job No. 529287 Division No. Notes Red Plotted Profile

Survey of WATER WORKS DISTRICT #29 Date 1-19-67 Date No. X-Sec.

Survey by WJ VOGE Notes R STRADER Notes Chkd. Checked No.

Indexed Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		135 882				
H.H. #57			7 292	128 590		
H.H. #58			10 394	125 488		
TP	0 594	126 173	10 303	125 579		
H.H. #59			3692	122 481		
H.H. #60			6951	119 222		
H.H. #61			10020	116 153		
TP	0 410	114 975	11 608	114 565		
HH #62			2091	112 884		
H.H. #63			4958	110 017		
H.H. #64			7953	107 022		
H.H. #65			10 850	104 125		
TP	1 211	105 193	10 993	103 982		
H.H. #66			3869	101 324		
H.H. #67			7042	98 151		
H.H. #68			10 330	94 863	0.838' DIFFERENCE	FROM F.B. 3264 - 236
TP	1 246	95 070	11 369	93 824		
H.H. #69			3236	91 834		
H.H. #70			6022	89 048		
HH #71			8 752	86 318		
H.H. #72			11 771	83 299		

Profile Notes Red ____ Plotted ____ Job No. 592.87 Division No. ____
No. ____ Date ____ Date ____ Survey of WATER WORKS DISTRICT #29
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.O. VOGE Notes STRADER Date 1-19-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. Date ____

F.B. 3287 PG. 83

76-L298 CE 307 3-61

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F. B. 3287 Pg. 84 Job No. 5292.87 Division No. WATER WORKS DISTRICT # 29 Notes Red Date 1-19-67 Plotted Date No. Profile
Survey of WATER WORKS DISTRICT # 29 Date 1-19-67 Date No. X-Sec.
Survey by W.J. VOGE Notes R. STRADER Notes Chkd. Checked
Indexed Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
		95 070				
TP	0 661	83 830	11 901	83 169		
H.H. # 73			3 628	80 202		
H.H. # 74			6 717	77 113		
H.H. # 75			9 693	74 137		
TP	0 688	72 922	11 596	72 234		
H.H. # 76			1 917	71 005		
H.H. # 77			5 052	67 870		
H.H. # 78			7 794	65 128		
H.H. # 79			11 108	61 814		
TP	0 393	62 177	11 138	61 784		
H.H. # 80			3 217	58 960		
H.H. # 81			6 225	55 952		
H.H. # 82			9 405	52 772		
TP	0 206	51 690	10 693	51 484		
H.H. # 83			2 013	49 677		
H.H. # 84			5 118	46 572		
H.H. # 85			8 196	43 494		
H.H. # 86			11 359	40 331		
TP	1 929	41 668	11 951	39 739		
H.H. # 87			4 292	37 376		

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		41 668				
BM 48-93			3 483	38 185	BM 48-93, EL.= 38.327 PER FB 1369-79	
					A 4" BRASS DISK MKD. SOLSTICE CANYON I-9	
BM 48-93	2 436	40 763		38 327	SEE DESCRIPTION ABOVE	
H.H. #88			6 012	34 751		
H.H. #89			9 362	31 401		
H.H. #90			11 935	28 828		
TP	0 204	29 351	11 616	29 147		
H.H. #91			3 222	26 129		
H.H. #92			5 018	24 333		
H.H. #93			6 975	22 376		
H.H. #94			8 579	20 772		
H.H. #95			9 938	19 413		
TP	3 506	23 216	9641	19 710		
H.H. #96			4792	18 424		
BM 48-94			4658	18 558	BM 48-94, EL.= 18.558 PER FB 1369-79,	
					A 4" BRASS DISK MKD. SOLSTICE CANYON I-9 A	
BM 48-94	3627	22 185		18 558	SEE DESCRIPTION ABOVE	
H.H. #97			4 903	17 282		
H.H. #98			5814	16 371		
BM 48-95			5370	16 815	BM 48-95, EL.=16.812 PER FB 1369-80, A COUNTY SUR. BRASS CAP, N.E. COR. OF BRIDGE, MKD. U.S. 1303, 1938, RE 2177	

Profile Notes Red ____ Plotted ____ Job No. 529287 Division No. ____
No. ____ Date ____ Date ____ Survey of WATER WORKS DISTRICT # 29
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.J. VOGE Notes RLS Date 1-19-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.L. Date ____

F.B. 3287 Pg. 85

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STATION	B.S.	H.I.	F.S.	ELEV.		
BM 48-95	4 471	21 283		16 812	SEE BOTTOM REVERSE PAGE FOR DESCRIPTION	
BM 48-95A			4 474	16 809	BM 48-95 A, EL. = 16.810 PER F.B. 1369-80, A 3½"	
					U.S.C. & G.S. BRASS DISK, NW. COR. BRIDGE, MKD. F1052, 1960.	
BM 48-95A	4 850	21 660		16 810	SEE DESCRIPTION ABOVE	
H.H.# 99			5420	16 240		
H.H.# 101			5462	16 198		
H.H.# 102			5422	16 238		
H.H.# 103			5389	16 271		
TP	5 870	22 559	4 971	16 689		
BM 48-96			3999	18 560	BM 48-96, EL. = 18.558 PER F.B. 1369-80	
					A 4" BRASS DISK MKD. SOLSTICE CANYON H-8.	
BM 48-96	7 602	26 160		18 558	SEE DESCRIPTION ABOVE	
TP	8 954	34 199	0 915	25 245		
H.H.# 104			4 426	29 773		
H.H.# 105			1 890	32 309		
TP	6 671	39 958	0 912	33 287		
BM 48-97			5815	34 143	BM 48-97, EL. = 34.134 PER F.B. 1369-81	
					A 4" BRASS DISK MKD. SOLSTICE CANYON H-8A.	
BM 48-97	6 877	41 011		34 134	SEE DESCRIPTION ABOVE	
H.H.# 106			7458	33 553		
H.H.# 107			6088	34 923		

F.B. 3287 Pg. 86

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

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date 1-19-67 Notes Chkd. ____ Date ____

Job No. 5292.87 Division No. DISTRICT # 29

Survey of WATER WORKS

Survey by WOTVOGE Notes R. STRADER

Indexed ____ Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		41 011				
H.H. #108			5086	35925		
H.H. #109			4412	36599		
H.H. #110			3619	37392		
TP	6413	44052	3372	37639		
H.H. #111			6320	37732		
H.H. #112			5913	38139		
HH #113			5398	38654		
HH. #114			5198	38854		
H.H. #115			5442	38610		
BM 48-98			4701	39351	BM 48-98, EL. = 39.354 PER FB 1369-81,	
					A 4" BRASS DISK MKD. SOLSTICE CANYON H-8B.	
BM 48-98	4125	43479		39354	SEE DESCRIPTION ABOVE	
H.H. #116			4962	38517		
H.H. #117			5316	38163		
H.H. #118			5745	37734		
H.H. #119			6083	37396		
H.H. #120			6522	36957		
TP	3921	41031	6369	37110		
H.H. #121			4717	36314		
HH #122			5150	35881		

Profile Notes Red ____ Plotted ____ Job No. 5292.87 Division No. ____
No. ____ Date ____ Date ____ Survey of WATER WORKS DISTRICT # 29
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.T. VOGE Notes RLS Date 1-20-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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Survey of ____ Date 1-20-67 Date ____ No. ____
Survey by W.J. VOGE Notes R. STRADER Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ No. ____

STATION	B.S.	H.I.	F.S.	ELEV.		
		41 031				
H.H. # 123			5 785	35 246		
H.H. # 124			6 200	34 831		
H.H. # 125			6 863	34 168		
TP	4 235	38 531	6 735	34 296		
H.H. # 126			4 823	33 708		
H.H. # 127			5 312	33 219		
H.H. # 128			6 128	32 403		
H.H. # 129			6 483	32 048		
H.H. # 130			6 925	31 606		
TP	4 544	36 419	6 656	31 875		
H.H. # 131			5 371	31 048		
H.H. # 132			5 768	30 651		
H.H. # 133			6 518	29 901		
BM 48-99 A			5 803	30 616	BM 48-99 A, EL. = 30.619, PER FB 1369-142, A 4" BRASS DISK MKD. SOLSTICE CANYON G-9.	
BM 48-99 A	3 798	34 417		30 619	SEE DESCRIPTION ABOVE	
H.H. # 134			4 742	29 675		
H.H. # 135			5 350	29 067		
TP	5 685	34 511	5 591	28 826		
TP	5 748	35 253	5 006	29 505		

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STATION	B. S.	H. I.	F. S.	ELEV.		
		35 253				
TP	5 626	36 034	4 845	30 408		
TP	5 864	36 964	4 934	31 100		
TP	5 719	37 581	5 102	31 862		
TP	6 882	40 000	4 463	33 118		
TP	8 551	46 199	2 352	37 648		
TP	7 082	49 567	3 714	42 485		
BM 48-100			3 182	46 385	BM 48-100, EL.= 46.349 PER 1369-83	
					A 4" BRASS DISK MKD. SOLSTICE CANYON G-9A	

Profile Notes Red ____ Plotted ____ Job No. 529287 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of WATER WORKS DISTRICT # 29
Notes Chkd. ____ Checked ____ Survey by W.J. VOGE Notes RLS Date 1-20-67
No. ____ Date ____ Date ____ Map No. ____ Indexed G. A. GALL Date ____

F.B. 3287 PG. 89

Notes Ck'd by	Survey of W.W. DIST. Nº 29	F. B. 3287 PG. 91
Map No.	JN 5292.87 Tape 169 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 1-30-67	
Date	Indexed C. J. GALLI	

WATERWORKS DISTRICT Nº 29

J.N. 5292.87

PIPELINE MONUMENTS

CHECK FOR HORIZONTAL MOVEMENT OF PIPELINE MONUMENTS IN SLIDE AREA ON PACIFIC COAST HWY. FROM LATIGO CN ROAD WLY. TO ESCONDIDO CREEK.

JAN 1967

REF
F.B. 3164
F.B. 3264

PARTY
L.V. SMITH
J.P. McCALL
V.L. HOCKABY
M.R. NEVAREZ

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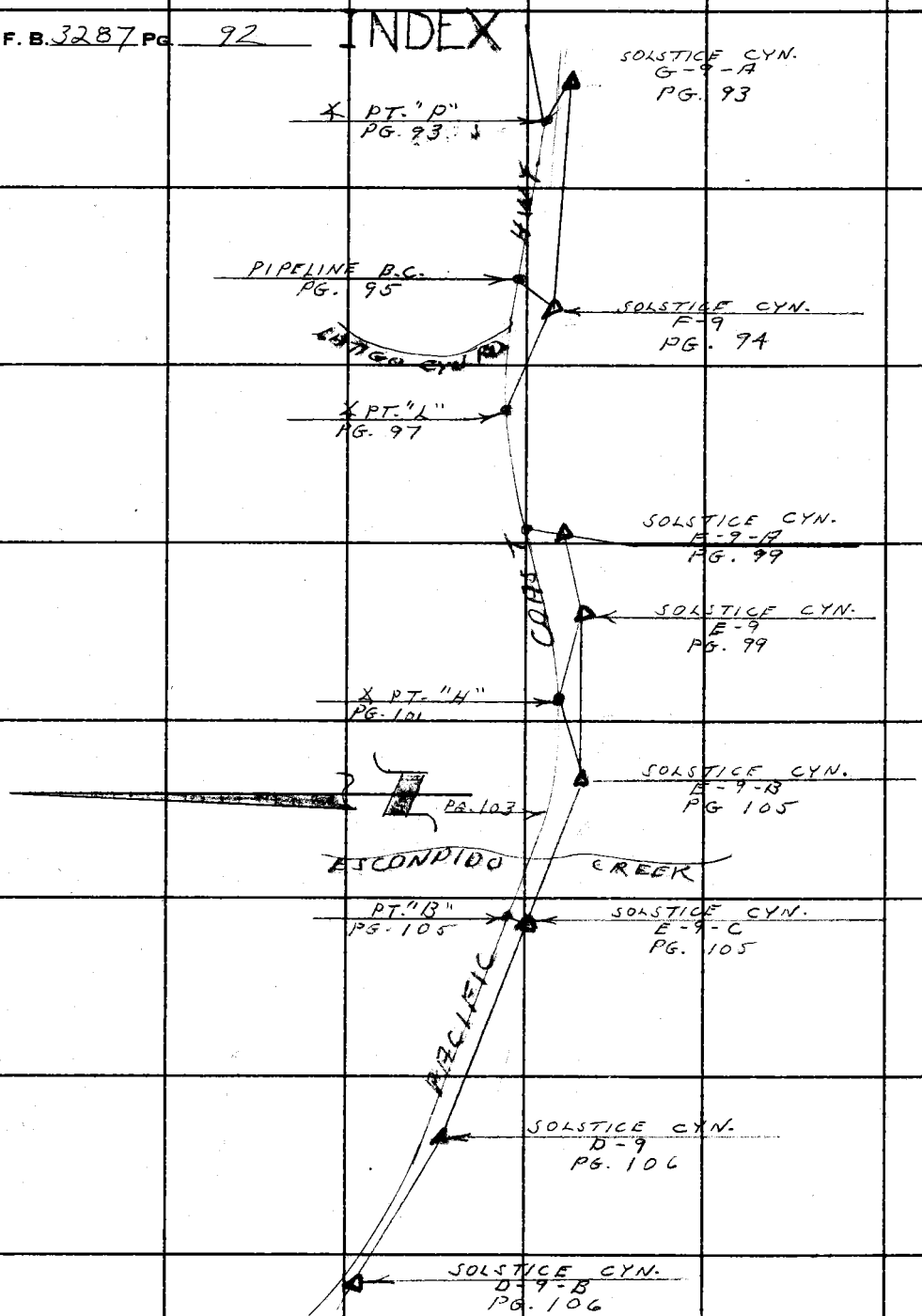
76F3095 CE # 310 3-61

F. B. 3287 PG. 92

INDEX



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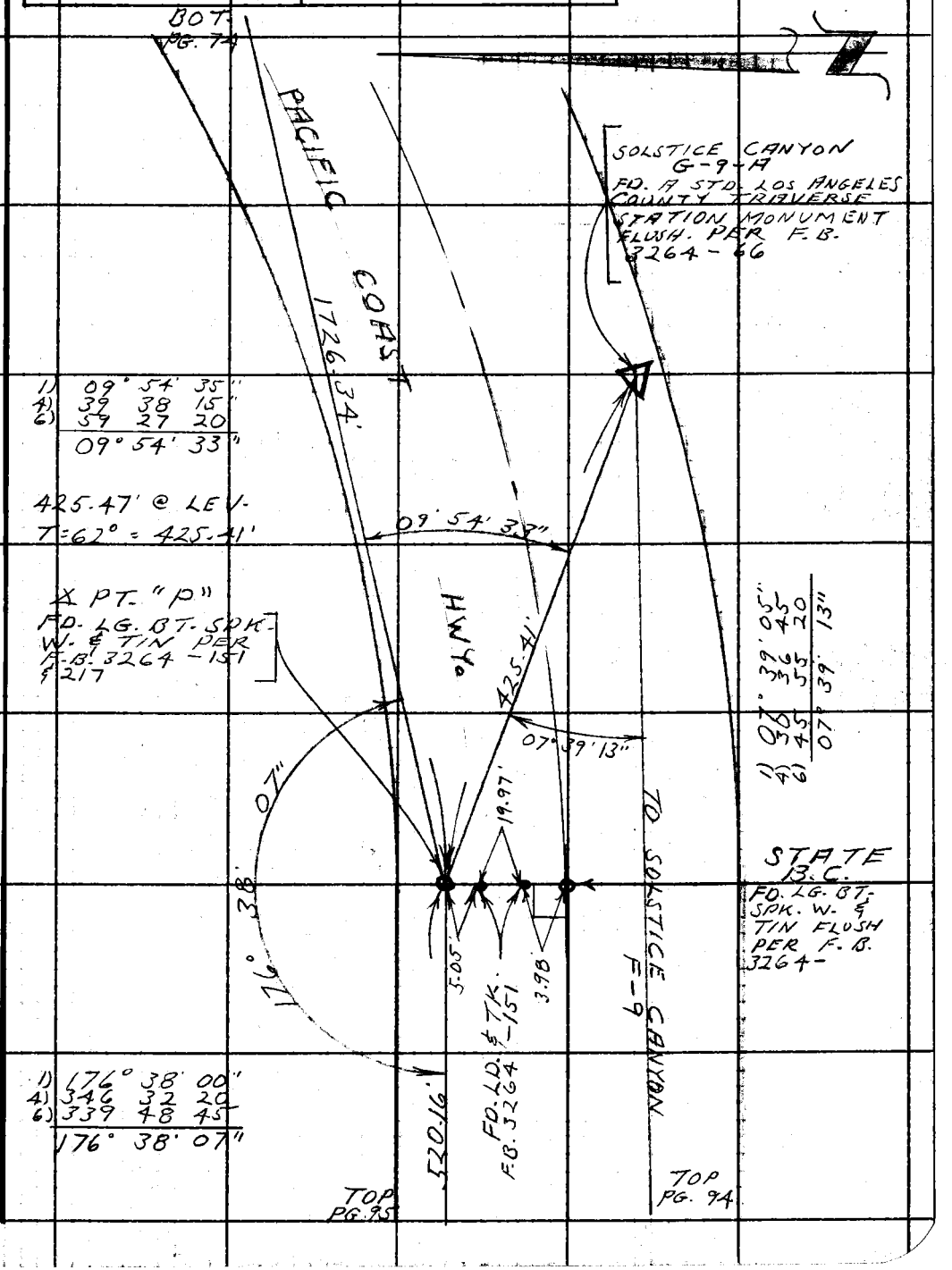
Notes Ck'd by	Survey of W.W. DIST. Nº 29
Map No.	JN 5292.87 Tape 169 Std. 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 1-25-66
Date	Indexed

F. B. 3287 PG. 93



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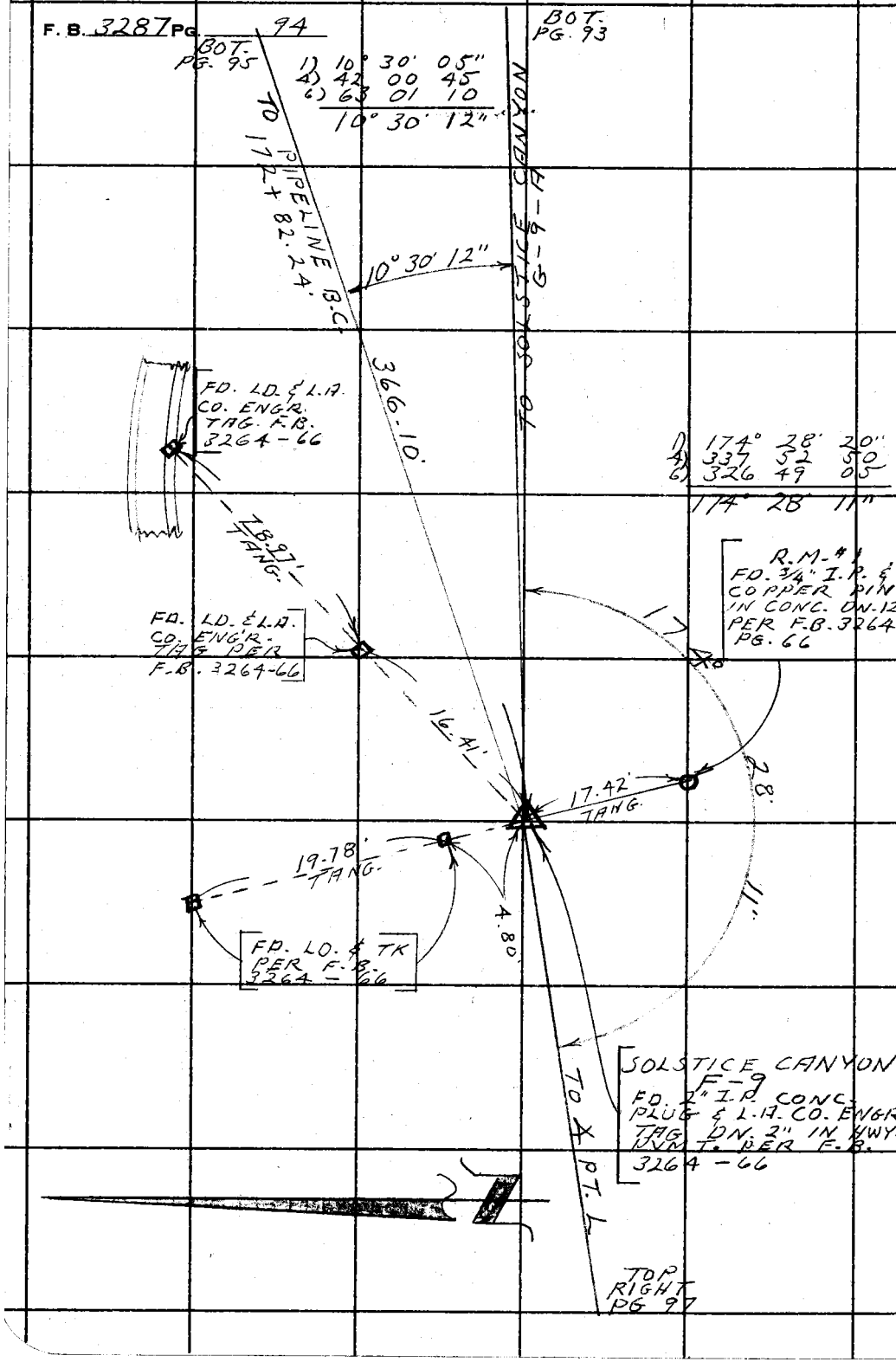
F. B. 3287 PG. 94



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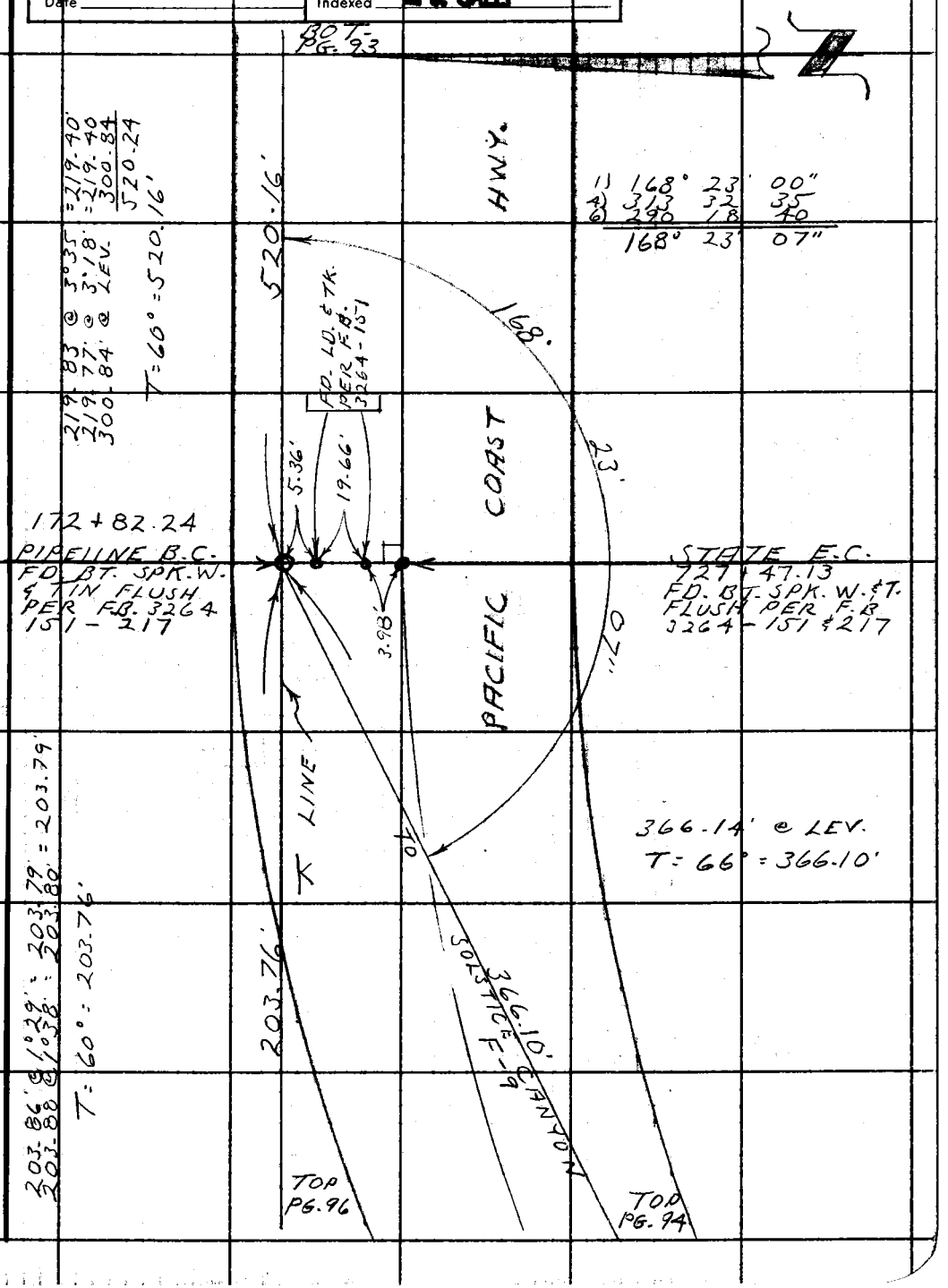
Map No.	JN 5292.87 Tape 169 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 1-19-67
Date	Indexed R. J. GALLI

F. B. 3287 PG. 95



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76F309S CE # 310 3-61

F. B. 3287 PG. 96

BOT. PG. 95

HWY.

203.76'

FD. LD. & TAG TIES

12.00'

12.00'

11"

02'

174°

144.48'

0.13'

148.78'

0.08'

COAST

LINE

75.05'

9.00'

9.00'

FD. LD. & TAG TIES.

74.76'

39'

175°

0.11'

149.65'

PACIFIC

TOP PG. 97

174+86.00
X PT. "O"
FD. LG. BT. SPK. W. & TIN. PER LD. & TAG TIES PER F.B. 3264 152 - 218

144.50' @ LEV.
T=68°=144.48

176+30.48'
#136
FD. 3/4" I.P. & CAP IN H.H. PER F.B. 3264 - 152-218

1) 174° 02' 05"
2) 336 08 45
3) 324 13 05
174° 02' 11"

148.80' @ LEV.
T=68° = 148.78'

177+79.26
#137
FD. 3/4" I.P. & CAP IN H.H. PER F.B. 3264 152 - 218

75.06' @ LEV.
T=68° = 75.05'

1) 175° 39' 25"
2) 342 37 25
3) 333 56 00
175° 39' 20"

178+54.31'
X PT. "N"
RESET LG. BT. SPK. W. & TIN. PER TIES PER F.B. 3264 PG. 152 - 218

74.77' @ LEV.
T=68° = 74.76'

179+29.07'
#138
FD. 3/4" I.P. & CAP IN H.H. PER F.B. 3264 - 152 - 218

149.67' @ LEV.
T=68° = 149.65'

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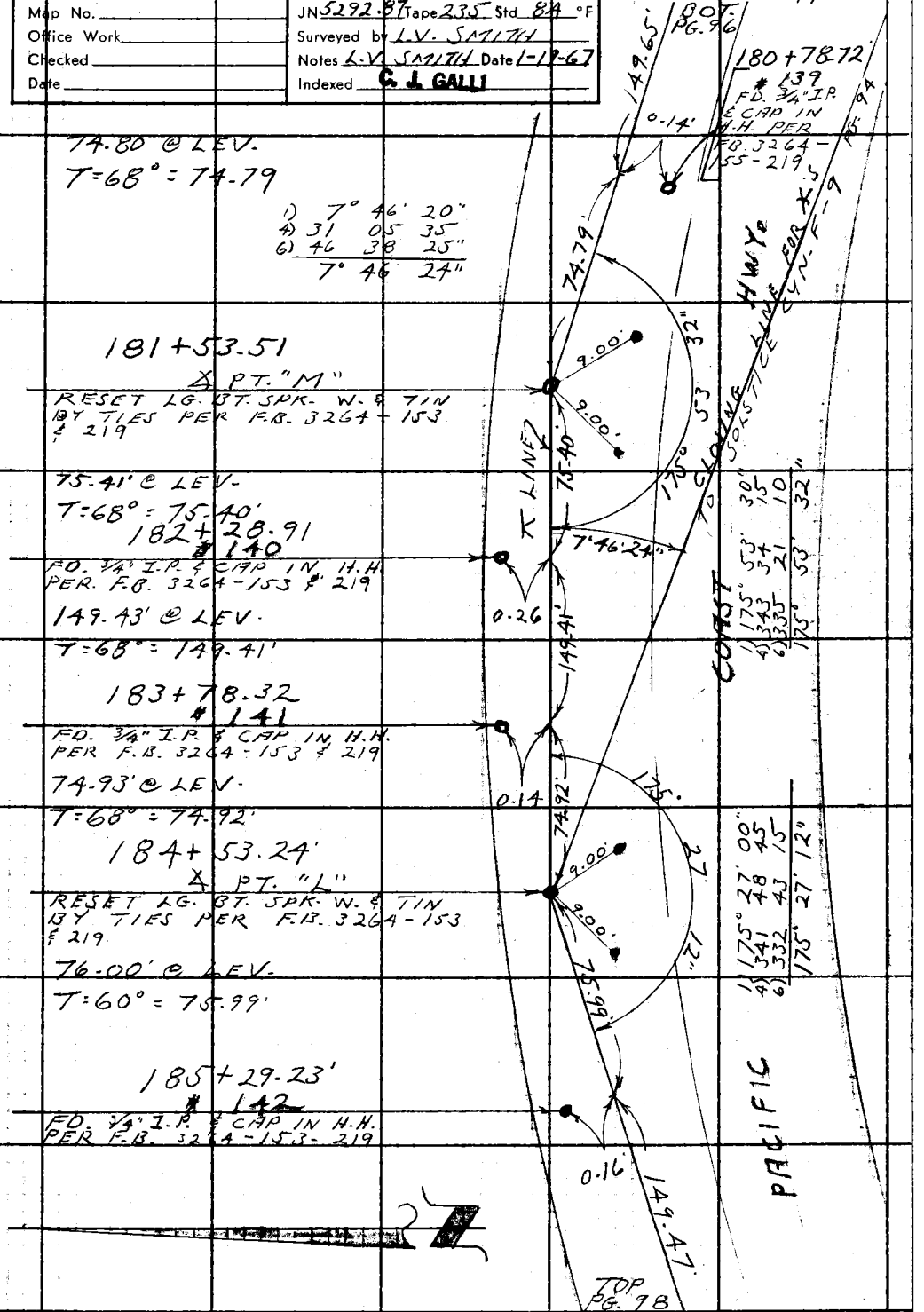
Notes Ck'd by	Survey of W.W. DIST. № 29
Map No.	JN 5292.87 Tape 235 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 1-19-67
Date	Indexed G. J. GALLI

F. B. 3287 PG. 97



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76F309S CE # 310 8-61

F. B. 3287 PG. 98

149.49' @ LEV.
T=60° = 149.47'

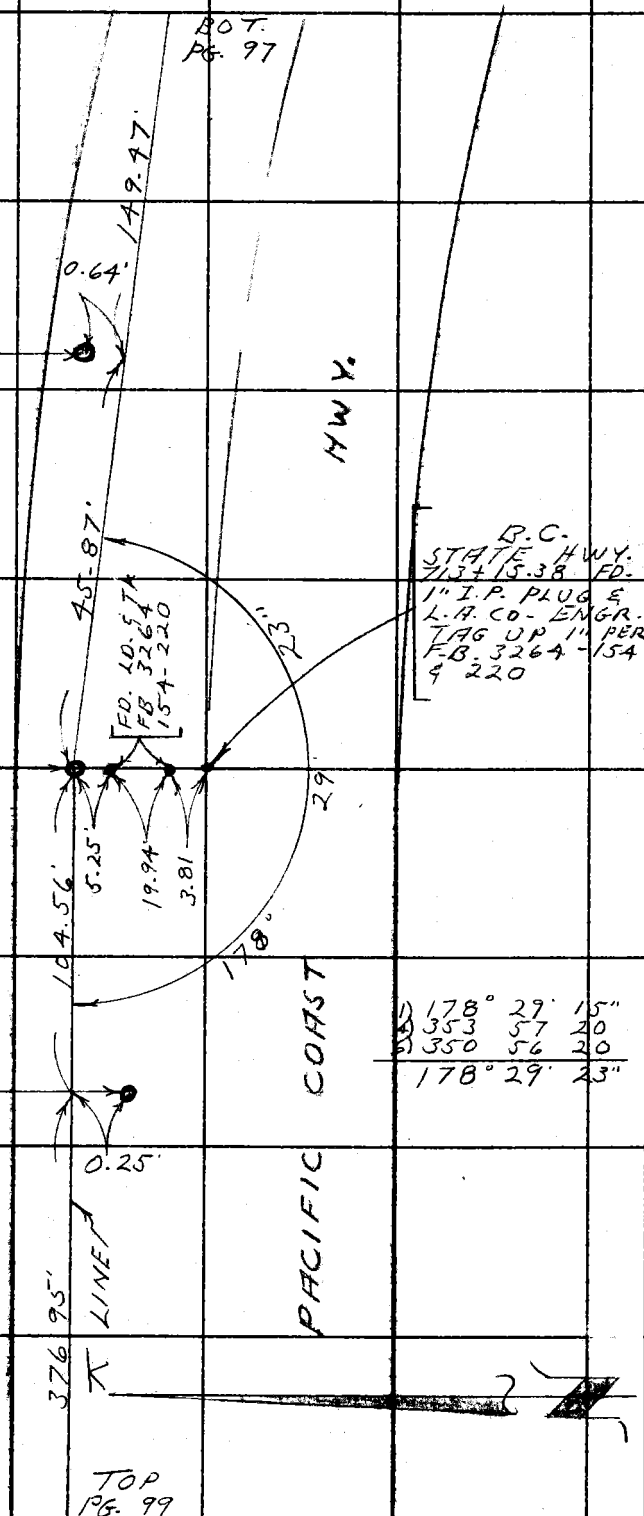
186 + 78.70'
#143
FD. 3/4" I.P. & CAP
IN H.H. PER F.B. 3264
154 - 220

45.88' @ LEV.
T=60° = 45.87'

EQUATION
187+24.57 BK.
=187+24.36 AHD.
℄ PT "K"
RESET LG. BT. SPK.
W. & TIN RECORD
DISTANCE FROM
STATE HWY. B.C.
PER F.B. 3264-154

104.58' @ LEV.
T=58° = 104.56'

188+28.92'
#144
FD. 3/4" I.P. & CAP
IN H.H. PER F.B.
3264-154 - 220



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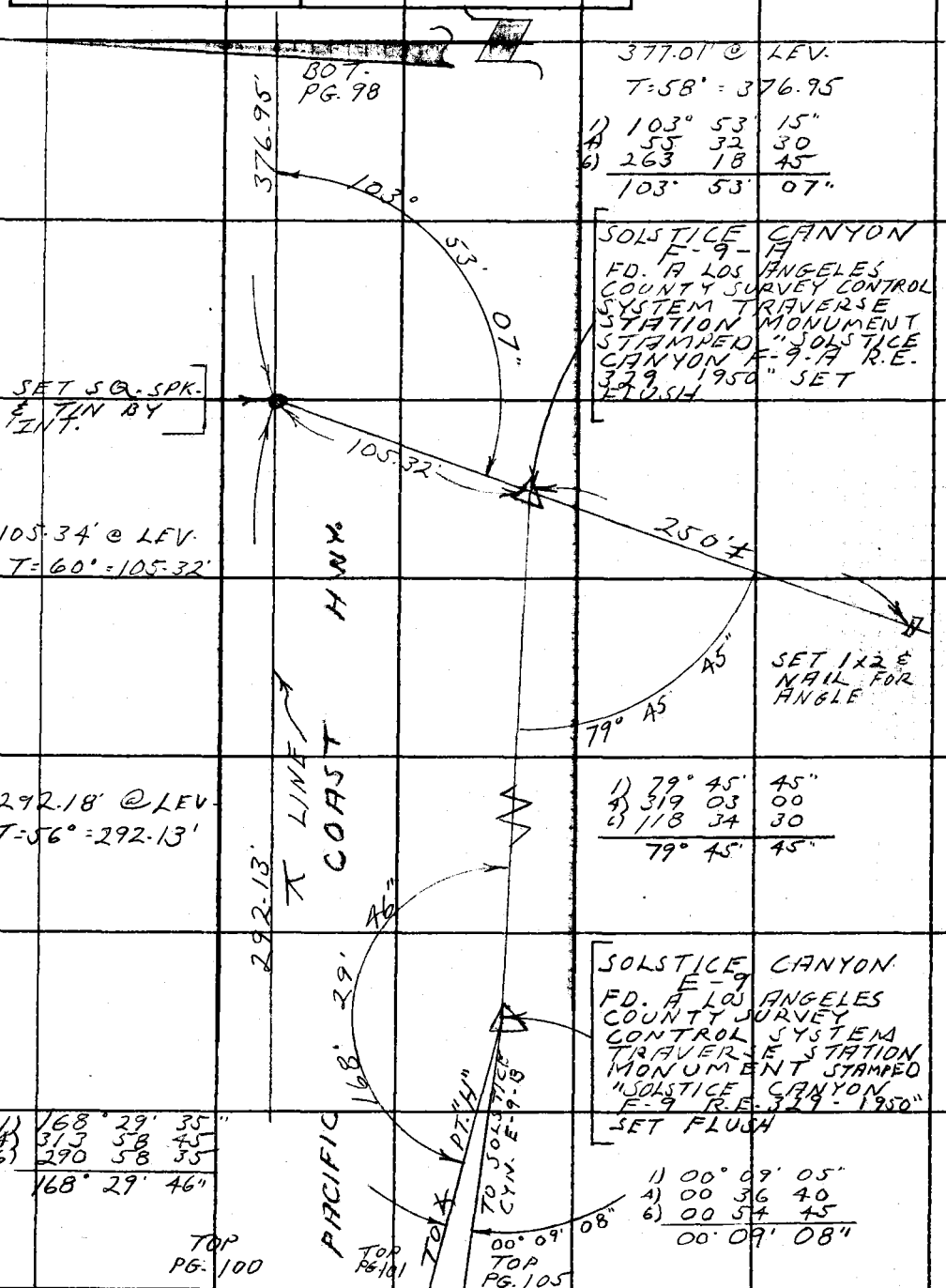
Notes Ck'd by	Survey of W.W. DIST. Nº 29
Map No.	JN 5292.87 Tape 169 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 1-12-67
Date	Indexed C. J. GALLI

F. B. 3287 PG. 99



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76F3095 CE # 310 3-61

F. B. 3287 Pg. 100

BOT. PG. 99

1) 175° 16' 50"
4) 341 07 45
6) 331 41 25
175° 16' 54"

194+98.00
X PT. "J"
FD. LG. BT. SPK.
W. & TIN PER
F.B. 3264-154
& 220

292.13'

54"

20.11'

E.C. STATE HWY.
705+42.49
FD. BT. SPK. & TIN
FLUSH PER F.B.
3264-154-220

5.08'

3.81'

FD. LD & TK
FB 3264 & 220

175°

PACIFIC COAST HWY.

686.63'

686.74' @ LEV.
T=60° = 686.63'

1) 172° 12' 05"
4) 328 48 20
6) 317 12 15
172° 12' 03"

03"

12'

172°

201+84.63'
X PT. "I"
FD. LG. BT. SPK.
W. & TIN PER
F.B. 3264-155
& 221

FD. BT. SPK.
W. & TIN PER
FB 3264-155
& 221

30.20'

3.81'

20.03'

FD. LD & TK.
FB 3264-155
& 221

521.39'

521.47' @ LEV.
T=60° = 521.39'

TOP PG. 101

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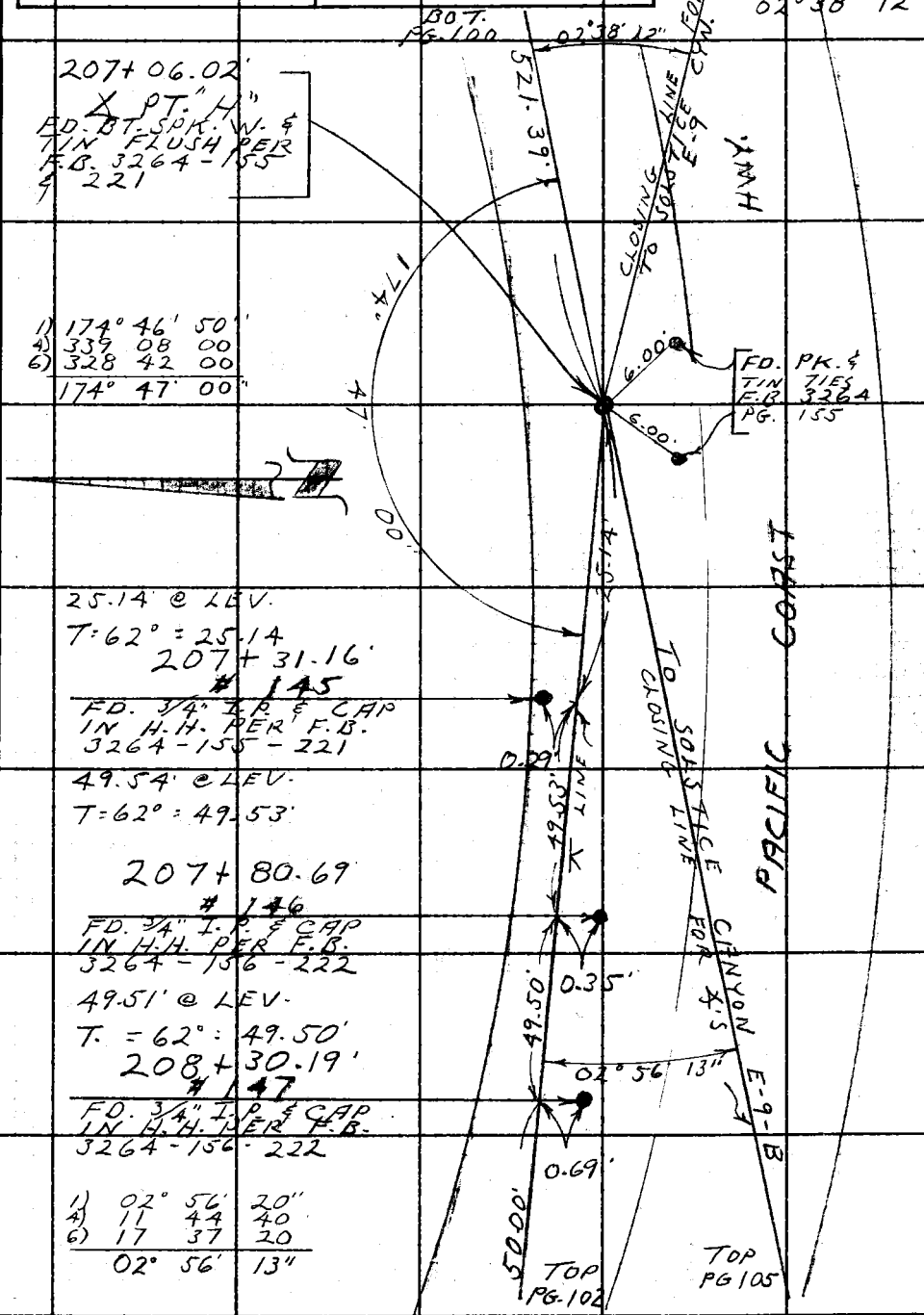
Notes Ck'd by	Survey of W.W. DIST. No 29	F. B. 3287 PG. 101
Map No.	JN 5292.87 Tape 169 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 1-20-67	
Date	Indexed G. J. GALLI	



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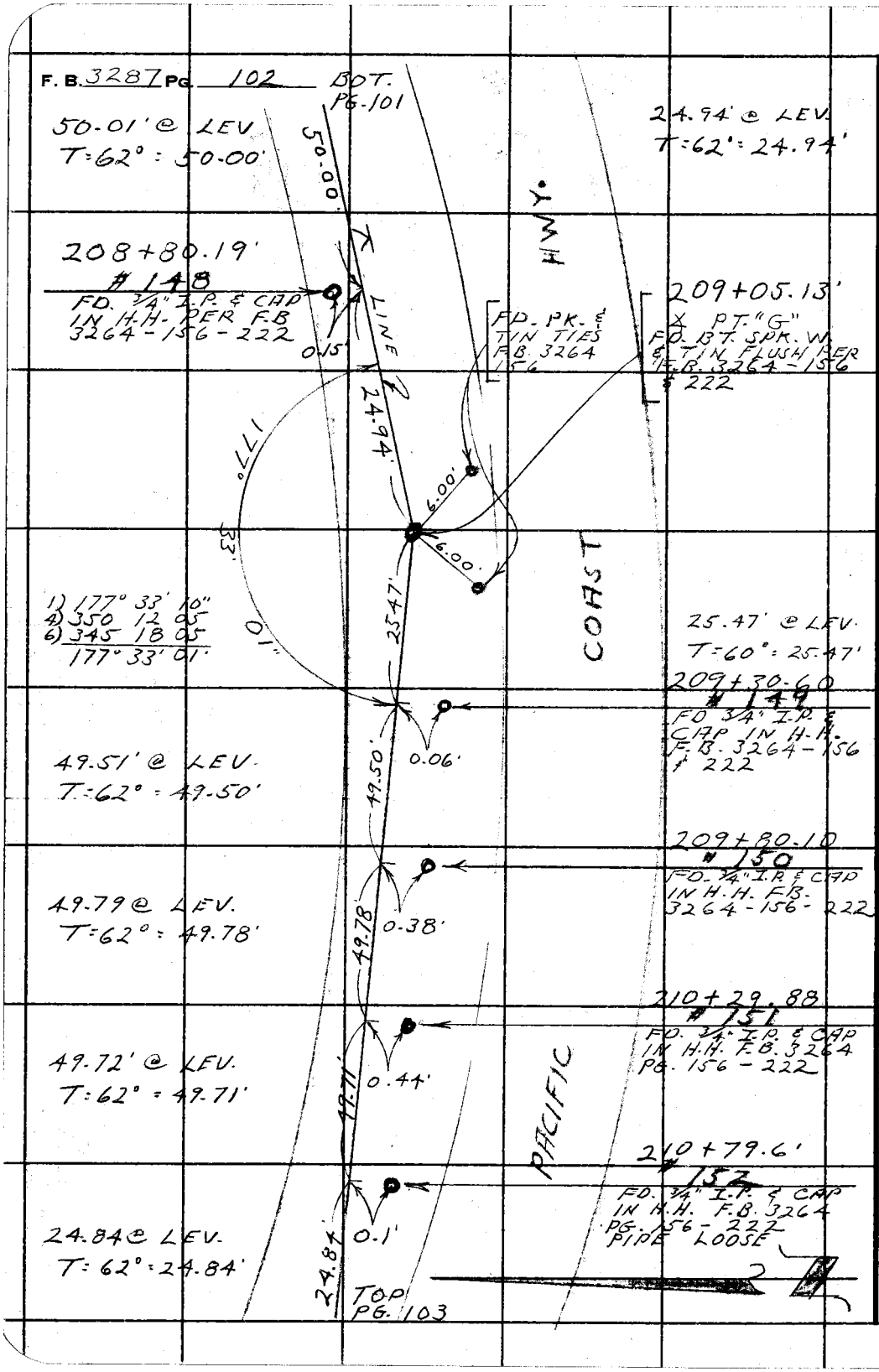

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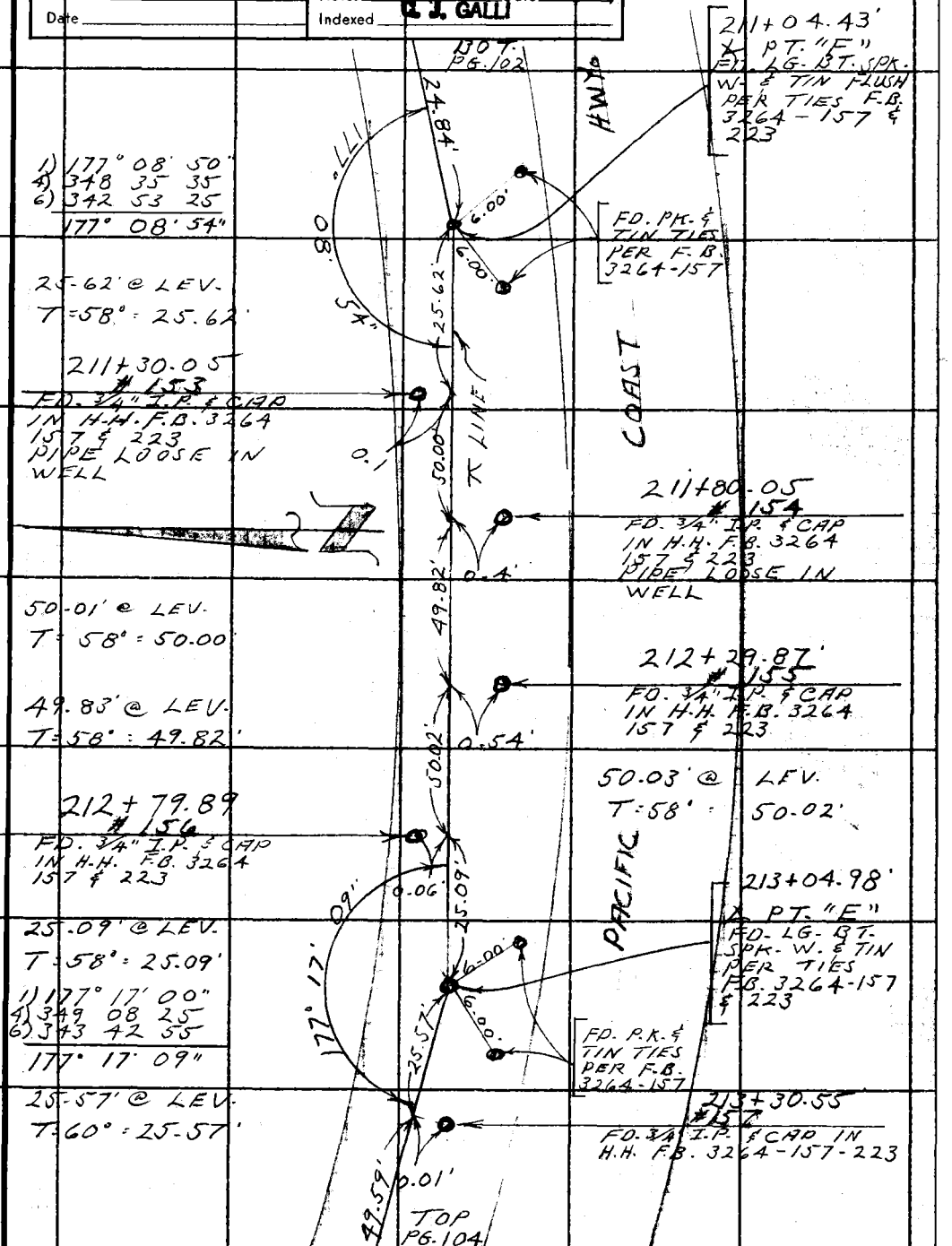
Notes Ck'd by	Survey of W.W. DIST. Nº 29	F. B. 3287 PG. 103
Map No.	JN 5292.87 Tape 169 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 1-23-67	
Date	Indexed C. J. GALLI	



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76F3095 CE # 310 3-61

F. B. 3287 PG. 104

BOT. PG. 103

49.60' @ LEV.
T=60°: 49.59'

49.59'

0.78'

50.30' @ LEV.
T=58°: 50.29'

50.29'

0.72'

49.63' @ LEV.
T=58°: 49.62'

49.62'

215+04.97'
℄ PT. "D"
FD. LG. BT. SPK. W. & TIN PER F.B. 3264 - 158 - 224

0.20

24.92'

177° 46' 32"

25.24' @ LEV.
T=60°: 25.24

25.24

1) 177° 46' 40"
4) 351 06 20
6) 346 39 15
177° 46' 32"

0.15'

50.44'

50.45' @ LEV.
T=60°: 50.44'

0.37'

53.83'

53.84' @ LEV.
T=60°: 53.83'

0.12'

134.94'

134.96' @ LEV.
T=60°: 134.94'

TOP PG. 105

HWY

COAST

PACIFIC

213+80.14'
#158
FD. 3/4" I.P. & CAP IN H.H. F.B. 3264 PG. 158 - 224

214+30.43'
#159
FD. 3/4" I.P. & CAP IN H.H. F.B. 3264 PG. 158 - 224

214+80.05'
#160
FD. 3/4" I.P. & CAP IN H.H. F.B. 3264 PG. 158 - 224

24.92' @ LEV.
T=60°: 24.92'

215+30.21
#161
FD. 3/4" I.P. & CAP IN H.H. F.B. 3264 PG. 158 - 224

215+80.65
#162
FD. 3/4" I.P. & CAP IN H.H. F.B. 3264 PG. 158 - 224

216+34.48'
#163
FD. 3/4" I.P. & CAP IN H.H. F.B. 3264 PG. 158 - 224

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Notes Ck'd by	Survey of W.W. DIST. Nº 29	F. B. 3287 PG. 105
Map No.	JN 5292-87 Tape 169 Std 84 °F	
Office Work	Surveyed by L.V. SMITH	
Checked	Notes L.V. SMITH Date 1-25-67	
Date	Indexed C. J. GALLI	

1) 00° 12' 20"
4) 00 49 30
6) 01 14 20
00° 12' 23"

217+69.42
PT. "C"
FD. LD. & L.A. CO. ENGR. TAG DN. 1" PER F.B. 3264 158 - 224

1) 175° 30' 55"
4) 342 04 10
6) 333 05 50
175° 30' 58"

1) 162° 20' 15"
4) 289 21 20
6) 254 02 00
162° 20' 20"

219+17-17'
PT. "B"
FD. LG. BT. SPK. W. & TIN FLUSH PER F.B. 3264-159-225

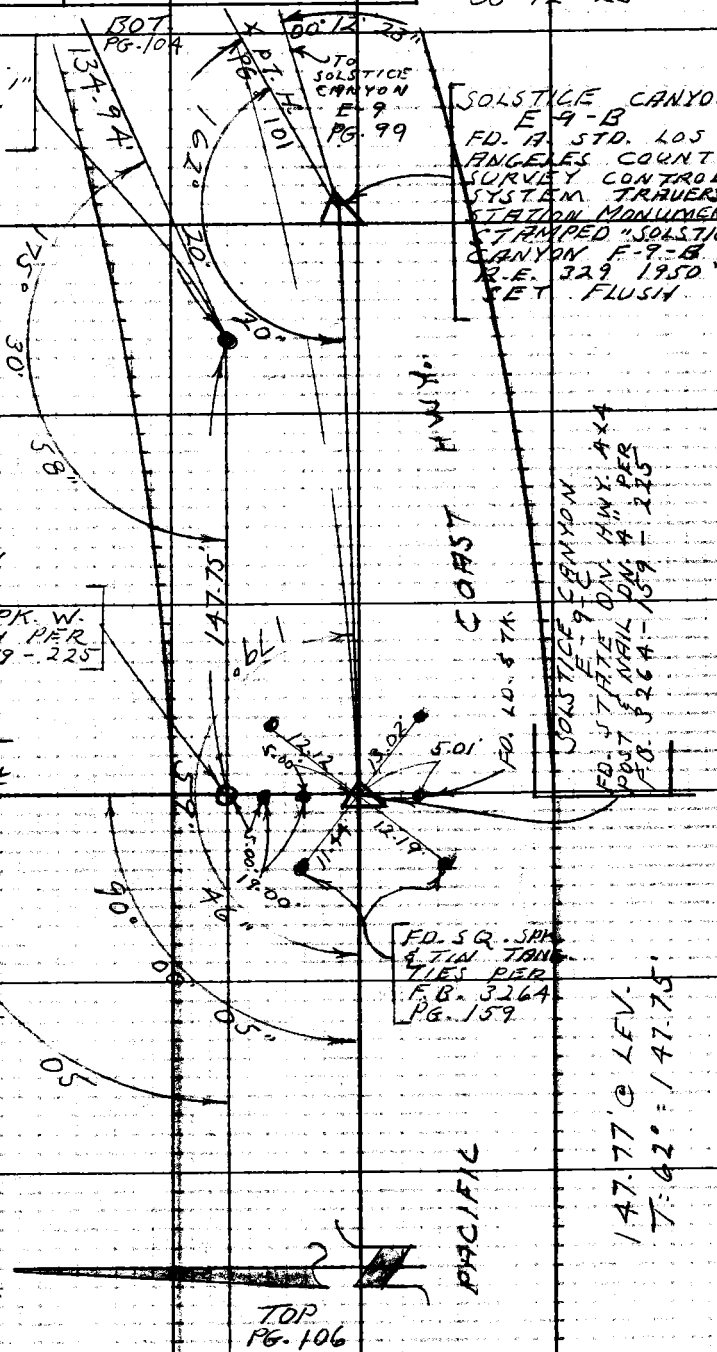
1) 179° 59' 35"
4) 359 58 55
6) 359 58 35
179° 59' 46"

2000' ±

SET 1X2 & NAIL FOR ∡

1) 90° 00' 00"
4) 00 00 30
6) 180 00 30
90° 00' 05"

1) 90° 00 00
4) 00 00 25
6) 180 00 30
90° 00 05"



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76F309S CE#310 1-65

F. B. 3287 PG 106

BOT
PG 105

FD. LG. BT. SPK.
W. & TIN FLUSH
PER. FB 3264
PG. 159 - 225

1) 178° 10' 40"
4) 352 43 05
6) 349 04 35
178° 10' 46"

46"
10'
178°

29.00'

HWY.

COAST

PACIFIC

SOLSTICE CANYON
D-9
FD. STD. L.A. CO.
TRAV. STATION
MON. DN. 10"
MON. STAMPED
"SOLSTICE
CANYON D-9"
PER. F.B. 3264
PG 159 - 225

SOLSTICE CANYON
D-9-B
FD. NAIL ON SURFACE
PER. F.B. 3264 - 159
& 225

FD. SQ.
SPK. & W.
TANG TIES
PER. F.B.
3264-159

12.60
12.44
15.81
13.26

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Profile No.	Notes Red	Plotted	Job No. 5292-87	Division No.	F.B. 3287	Pg. 107
	Date	Date	Survey of W.W. DIST. Nº29 PIPELINE MON.			
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 1-16-67	
	Date	Date	Map No.	Indexed	Date	

WATERWORKS DISTRICT Nº29

J.N. 5292.87

PROFILE ON WATERLINE MONUMENTS FOR CHECK ON VERTICAL MOVEMENT IN GEOLOGICAL HAZARDS STUDY AREA ON PACIFIC COAST HWY. ON PORTION OF MALIBU BRANCH FEEDER FROM PIPELINE STATION 172+82.24 WLY. TO 216+34.48
PRECISE LEVEL DATUM 1964 ADJ.
LEVEL CIRCUIT # 48

JAN. 1967

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

PARTY
L.V. SMITH
J.P. McCALL
V.L. HUCKABY
M.R. NEVAREZ

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76-1296 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
BM 48-100	7323	53672		46 349	B.M. 48-100 - ELEV	46.349
					SOLSTICE CYN. G-9-17	
T.P.	7530	58554	2648	51024		
T.P.	8904	66198	1260	57294		
T.P.	9431	75343	0286	65912		
T.P.	9532	84165	0710	74633		
T.P.	10370	93823	0712	83453		
H.H. #136			158	9224		
T.P.	9071	101813	1081	92742		
H.H. #137			233	9948		
T.P.	8722	109371	1164	100649		
H.H. #138			232	10705		
T.P.	9046	117317	1100	108271		
H.H. #139			267	11465		
T.P.	8520	124183	1654	115663		
H.H. #140			273	12145		
T.P.	8280	130678	1785	122398		
H.H. #141			348	12720		
T.P.	6939	135209	2408	128270		
H.H. #142			362	13158		
T.P.	7227	139225	3211	131998		

F.B. 3287 Pg. 108 Job No. 5292.87 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 C. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		139 225				
H.H. #143			423	135 00		
T. P.	6324	141 819	3730	135.495		
H.H. #144			474	137 08		
T. P.	5621	143 160	4280	137539		
T.P.	4292	141 932	5520	137640		
B.M. 48-102			6977	134955	B.M. 48-102 ELEV. = 134.964 FB. 3264-246	
					SOLSTICE CANYON	F-9-A
B.M 48-102	4053	139 017		134.964		
T. P.	1710	132782	7945	131 072		
T. P.	0291	123 808	9265	123517		
T. P.	0741	114929	9620	114188		
T. P.	0285	105 834	9380	105549		
T. P.	1222	97092	9964	95870		
T. P.	0310	88260	9142	87950		
B.M. 48-104	1149	78504	10905	77355		
T. P.	1291	68805	10990	67514		
H.H. #145			359	6522		
H.H. #146			646	6235		
H.H. #147			952	5929		
T. P.	0805	59475	10135	58670		

Profile Notes Red ____ Plotted ____ Job No. 282.87 Division No. ____
No. ____ Date ____ Date ____ Date ____ Survey of WATERWORKS DISTRICT No 29
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 1-16-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. [illegible] Date ____

F.B. 3287 Pg. 109

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
		59 475				
H.H. #148			316	5632		
H.H. #149			610	5338		
H.H. #150			920	5028		
T.P.	0604	48874	11205	48270		
H.H. #151			162	4725		
H.H. #152			448	4439		
H.H. #153			772	4115		
H.H. #154			1080	3807		
T.P.	0.630	38.234	11270	37604		
H.H. #155			3.32	34.91		
H.H. #156			6.28	31.95		
H.H. #157			9.29	28.94		
(FD) B.M. 48-105			9.054	29.180	B.M. 48-105 ELEV = 29.169 SOLSTICE CYN. E9B	F.B. 3264-173
(FD) B.M. 48-105	3.072	32.241		29.169	B.M. 48-105 (SEE ABOVE)	
H.H. #158			6.17	26.07		
H.H. #159			8.79	23.45		
H.H. #160			11.17	21.07		
T.P.			11710	20.531		

F.B. 3287 Pg. 110 Job No. 5292.87 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 C.J. GALL Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	2.232	22.763		20.531		
H.H. #161			3.51	19.25		
H.H. #162			4.77	17.99		
H.H. #163 (FD)			5.94	16.82		
B.M. 48-106			5.510	17.253	B.M. 48-106 ELEV = 17.277 F.B. 3264-173	
					U.S. RESET 1307	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5292.87 Division No. ____ F.B. 3287 Pg. 111
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. RIST. #29
Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes McCALL Date 1-17-67
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

Notes Ck'd by	Survey of W/W #29
Map No.	JN 5291.51 Tape Std °F
Office Work	Surveyed by Yoge
Checked	Notes Yoge Date 4-17-69
Date	Indexed C. J. GALLET APR 1 8 '69

F. B. 3287 PG. 113

CHARTS FOR MONUMENTS OF
30" WATER LINE EAST OF SUNSET BL.
ON THE PACIFIC COAST HWY.

JN ~~5291.51~~
5299.41 - 6/24/70.

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76F3095 CE#310 3-68

Notes Ck'd by	Survey of W.W. DIST. Nº 29
Map No.	JN ____ Tape ____ Std ____ °F
Office Work	Surveyed by L. V. SMITH
Checked	Notes L.V.S. Date 1-67
Date	Indexed G. J. GALLI

F. B. 3287 PG. 115

INTERSECTION # 1

SET LG. BT SPK. W. & TIN BY INTERSECTION ON LINE PROD. FROM TOPANGA CANYON G-8 AND TOPANGA CANYON H-8-C AUX #1 ON LINE BETWEEN P.I. #9 AND P.I. #10 OF PACIFIC COAST HWY. PER F.B. 3164 - 231 - 232 - 233 AND F.B. 3264 - 89 - 90 - 91 AND F.B. 3287 - 7-8-9 AND 23-24-25

DATE	MEASURED DISTANCE FROM TOPANGA CYN. G-14	TURNED ANGLE	ADJ. ANGLE
10-8-65	123.63	154° 05' 15"	
2-16-66	123.63	154° 05' 10"	
8-15-66	123.62	154° 05' 10"	
1-9-67	123.63	154° 05' 10"	
4-9-69	T=64° (68° TAPE)	154°05'09.5"	
	123.65 @ LEV= 123.65	Per FBG 1253-22	
4-23-69	T=60°	154°05'14.5"	
	123.64 @ LEV= 123.64	Per FBG 1253-22	
4-30-69	T=64°	154°05'16.0"	
	123.65 @ LEV= 123.65	per FBG 1252-15	
5-7-69	T=60°	154°05'14.0"	
	123.64 @ LEV= 123.63	per FBG 1253-29	
5-21-69	T=62°	154°05'15.0"	
	123.64 @ LEV= 123.64	per FBG 1253-29	
6-4-69	T=66°	154°05'11.5"	
	123.65 @ LEV= 123.65	per FBG 1253-35	
7-10-69	T=70°	154°05'14.5"	
	123.64 @ LEV= 123.64	PER FBG 1253-35	
6-9-70	NOT MEASURED		

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76F309S CE # 310 2-61

F. B. 3287 PG. 116

P.I. Nº 10
FD. LOS ANGELES CITY ENGR. STANDARD
HEX ROD MON. IN WELL. PER F.B. 3164
PG. 233, F.B. 3264 - 91, AN F.B. 3287-9-25

DATE	MEASURED DISTANCE FROM INTERSECTION	TURNED #1 ANGLE	ADJ. ANGLE
10-8-65	768.14	164° 28' 57"	
2-16-66	768.09	164 29 00	
8-15-66	768.11	164 29 02	
1-9-67	768.09	164 28 57	
4-9-69	T=66° (68° TAPE)	164° 28' 59.5	
	768.06 @ LEV.= 768.05	Per FBG 1253-23	
4-23-69	T=68°	164°28'50.5"	
	768.08 @ LEV= 768.08	per FB G 1253-23	
4-30-69	T=64°	164°28'54.5"	
	768.10 @ LEV= 768.08	per FB G 1252-16	
5-7-69	T=60°	164°28'56.5"	
	768.16 @ LEV= 768.12	per FBG 1253-30	
5-21-69	T=62	164° 28' 54.5"	
	768.20 @ LEV= 768.17	PER FBG 1253-30	
6-4-69	T=66°	164°28'53.5"	
	768.14 @ LEV= 768.13	per FBG 1253-36	
7-10-69	T=70°	164° 28' 52.5"	
	768.12 @ LEV= 768.13	PER FB G 1253-36	
6-9-70	NOT MEAS.	NOT MEAS.	

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Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date
Date	Indexed G.J. GALLI

F. B. 3287 PG. 117

INTERSECTION "A"

SET L.A. CO. ENGR. TAG IN LEAD IN PVMT. DN. 0.05' BY INTERSECTION BETWEEN MON. #1 AND MON #13 ON LINE BETWEEN P.I. #11 AND P.I. #10 PER F.B. 3164 - 8 - 234 & F.B. 3264 - 92 & F.B. 3287 - 10 - 26

DATE	MEASURED DISTANCE FROM P.I. Nº 10	TURNED ANGLE	MEASURED DISTANCE FROM MON. #1	MEASURED DISTANCE FROM P.I. #11
10-8-65	559.20	156° 16' 10"	44.16	61.78
2-16-66	559.15	156 16' 10"	44.14	61.79
8-15-66	559.17	156 16' 00	44.15	61.77
1-9-67	559.11	156° 16' 09"	44.16	61.78
4-9-69	T=62° (68° TAPE)	156° 16' 21.0"	T=62° (68°T)	T=64° (68°T.)
	559.23 @ LEV=	Per FBG 1253-24	44.16 @ LEV=	61.80 @ LEV=
	559.21		44.16	61.80
4-23-69	T=68°	156°16'01.0" ✓	T=68°	T=68°
	559.16 @ LEV=	per FB G	44.15 @ LEV=	61.79 @ LEV=
	559.16	1253-24	44.15	61.79
4-30-69	T=64°	156°16'12.5"	T=64°	T=64°
	559.24 @ LEV=	per FBG	44.15 @ LEV=	61.80 @ LEV=
	559.23	1252-19	44.15	61.80
5-7-69	T=60°	156°16'10.0" ✓	T=68°	T=68°
	559.21 @ LEV=	per FBG	44.15 @ LEV=	61.80 @ LEV=
	559.18	1253-33	44.15	61.80
5-21-69	T=64°	156°16'11.0" ✓	T=62	T=62
	559.22 @ LEV=	per FBG	44.16 @ LEV=	61.79 @ LEV=
	559.21	1253-34		
6-4-69	T=64°	156°16'10.0	44.16	61.79
	559.21 @ LEV=	per FBG	T=68	T=68
	559.20	1253-34 ✓	44.15 @ LEV=	61.79 @ LEV=
7-10-69	T=70	156°16'16.0"	44.15	61.79
	559.22 @ LEV=	PER FB G		
	559.23	1253-39		
6-8-70	NOT MEAS.	156°16'13"	T=62	T=62
			44.16 @ LEV=	61.80 @ LEV=
			44.16	61.80

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76F3085 CE # 310 2-61

F. B. 3287 PG. 118

MON. Nº 2

SET STD- CO ENGR. BENCH MARK TYPE MON. IN CONC. DN 6" IN WELL ON LINE BETWEEN MON. #1 & MON. #3 PER F.B. 3164-9-235 & F.B. 3264-93 F.B. 3287-11-27

COUNTY ENGINEER 2 R.E. 5869

DATE	MEASURED DISTANCE FROM INERSECTION	OFFSET	ELEV.
10-8-65	346.33	0.01 L.	22.210
2-16-66	346.34	0.01 L.	22.185
8-15-66	346.34	0.01 L	22.168
1-9-67	346.32	0.02 L	22.179
4-9-69	T=62°(LBTAPE)	0.02 L	22.177
4-24-69	346.34 @ LEV. = 346.33 #5 OF 4-23-69 DIST IS FROM #15 T=64°	0.01 R	22.177
5-1-69	49.88 @ LEV = 49.88 T=64°	ON LINE	22.177
5-7-69	T=64° 49.88 @ LEV. = 49.88	ON LINE	22.176
5-21-69	T=68° 49.88 @ LEV. = 49.88	0.01 L	22.175
6-4-69	T=70 49.88 @ LEV = 49.88	0.01 L	22.173
7-11-69	T=74	0.01 R	22.166
6-8-70	49.88 @ LEV = 49.88 T=70 49.87 @ LEV = 49.87	0.00	

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Date	Indexed C. J. GALLI

F. B. 3287 PG. 119

MON. Nº 3

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL ON LINE BETWEEN MON #1 & MON. #13 PER F.B. 3164-9-235 & F.B 3264 93 & F.B. 3287-11-27

COUNTY ENGINEER 3 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 2	OFFSET	ELEV.
10-16-65	45.89	0.01 L.	22.555
2-16-66	45.88	0.01 L.	22.533
8-15-66	45.88	0.02 L.	22.514
1-11-67	45.87	0.02 L.	22.531
4-9-69	T=62°(68° TAPE) 45.86 @ LEV = 45.86 ✓	0.06 L	22.560

MONUMENT DESTROYED ON 4-24-69 BY CONSTRUCTION ✓

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76F309S CE # 310 3-61

F. B. 3287 PG. 130

MON. Nº 4

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. ON 6" IN WELL ON LINE BETWEEN MON. #1 & MON. #3 PER F.B. 3164-9-235 & F.B. 3264-93 & F.B. 3287-11-27

COUNTY ENGINEER 4 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 3	OFFSET	ELEV.
10-15-65	45.00	0.03 L.	22.593
2-16-66	44.98	0.07 L.	22.574
8-16-66	44.96	0.08 L.	22.552
1-11-67	44.96	0.11 L	22.575
4-9-69	T=62° (68° Fro)	0.30 L	22.623
4-24-69	44.90 @ LEV = 44.90 (Dist. FROM #2) T=64°	-0.35 L	22.595
5-1-69	90.72 @ LEV = 90.72 T=62°	0.355 L	22.577
5-7-69	90.71 @ LEV = 90.71 T=64°	0.37 L	22.563
5-21-69	90.68 @ LEV = 90.68 T=68°	0.41 L	22.531 (May have been disturbed by equipment)
6-4-69	90.68 @ LEV = 90.68 T=70	0.41 L	22.517
7-11-69	90.66 @ LEV = 90.66 T=74	0.41 L	22.495
6-8-70	90.67 @ LEV = 90.67 T=70	0.43	
	90.67 @ LEV = 90.67		

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Checked	Notes L.V. SMITH Date	
Date	Indexed R. J. GALLI	

MON. Nº 5

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL ON LINE BETWEEN MON. #1 & MON. #13 PER F.B. 3164-10-236 & F.B. 3264-94 & F.B. 3287-12-28

COUNTY ENGINEER 5 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 4	OFFSET	ELEV.
10-15-65	46.57	0.03 L.	23.332
2-16-66	46.56	0.13 L.	23.321
8-16-66	46.56	0.14 L.	23.301
1-12-67	46.56	0.19 L.	23.330
4-9-69	T=62 (68° THR) 46.58 @ LEV= 46.58	0.52 L	23.409
NO MEAS. ON 4-24-69 BECUSE STACK OF LUMBER IS ON MON. #5			
NO MEAS ON 5-1-69 BECUSE OF LUMBER			
NO MEAS ON 5-8-69 " " "			
" " " 5-21-69 " " "			
~~4-6-69~~ 6-4-"	T=70 46.64 @ LEV= 46.64 ✓	0.56 L	23.420
7-11-69	T=66 46.61 @ LEV= 46.61	0.55 L ✓	23.414
6-8-70	T=70 46.61 @ LEV= 46.61 ✓	0.61 L ✓	

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76F3095 CE # 310 3-61

F. B. 3287 PG. 122

MON. Nº 6

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL ON LINE BETWEEN MON. #1 & MON. #13 PER F.B. 3164-10-236 F.B. 3264-94 & F.B. 3287-12-28

COUNTY ENGINEER 6 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. # 5	OFFSET	ELEV.
10-15-65	46.61	0.10'	23.239
2-16-66	46.60	0.18	23.230
8-16-66	46.60	0.21	23.659
1-11-67	46.61	0.27	23.691
4-9-69	T=62°(68° TAPE)	0.70 L	23.796
4-24-69	46.62 @ LEV= 46.62 [ON 4-24-69 DIST. 15 MAS from # 4 because stack of lumber is on MON. 5]	0.75 L	23.801
5-1-69	T=64° 93.22 @ LEV= 93.22 T=64° 93.20 @ LEV= 93.20	0.75 L	23.803
5-7-69	T=64° 93.24 @ LEV= 93.24	0.74 L	23.806
5-21-69	T=68° 93.26 @ LEV= 93.26	0.76 L	23.811
	ON 6-4-69 Resumed meas. thru #5		
6-4-69	T=70° 46.63 @ LEV. 46.63	0.76 L	23.809
7-11-69	T=66 46.63 @ LEV 46.63	0.75 L	23.803
6-8-70	T=70 46.64 @ LEV= 46.64	0.82 L	

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F. B. 3287 PG. 123

MON Nº 7

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL ON LINE BETWEEN MON. #1 & MON. #13 PER F.B. 3164-10-236 - F.B. 3264-94 & F.B. 3287-12-28

COUNTY ENGINEER 7 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 6	OFFSET	ELEV.
10-15-65	50.01	0.10 L.	24.025
2-16-66	50.01	0.22 L.	24.026
8-16-66	50.01	0.24 L.	24.010
1-12-67	50.02	0.31 L.	24.043
4-9-69	T=62°(68° TAPE) 50.06 @ ELEV= 50.06	0.83 L	24.171
4-24-69	T=64° 50.06 @ ELEV.= 50.06	0.87 L	24.177
5-1-69	T=66° 50.05 @ ELEV= 50.05	0.88 L	24.181
5-7-69	T=64° 50.06 @ ELEV.= 50.06	0.88 L	24.183
5-21-69	T=68° 50.06 @ ELEV= 50.06	0.89 L	24.190
6-4-69	T=70 50.06 @ ELEV= 50.06	0.89 L	24.186
7-11-69	T=66 50.06 @ ELEV= 50.06	0.89 L	24.181
6-8-70	T=70 50.06 @ ELEV= 50.06	0.95 L	

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F. B. 3287 Pg. 124

MON. Nº 8

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL ON LINE BETWEEN MON. Nº 1 & MON. Nº 13 PER F.B. 3164-11-237 F.B 3264-95- & 3287-13-29

COUNTY ENGINEER 8 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 7	OFFSET	ELEV.
10-15-65	49.99'	0.10 L	24.113
2-16-66	49.99	0.22 L	24.115
8-16-66	49.98	0.25 L	24.100
1-11-67	50.00	0.34 L	24.130
4-9-69	T=62°(68°MAX)	0.91 L	24.258
4-24-69	50.03 @LEV= 50.03 T=62° 50.05 @LEV= 50.05	0.95 L	24.266
5-1-69	T=66° 50.05 @LEV= 50.05	0.95 L	24.270
5-7-69	T=64° 50.03 @LEV= 50.03	0.95 L	24.269
5-21-69	T=68 50.05 @LEV= 50.05	0.96 L	24.276
6-4-69	T=70 50.05 @LEV= 50.05	0.97 L	24.273
7-11-69	T=64 50.05 @LEV= 50.05	0.97 L	24.268
6-8-70	T=68 50.05 @LEV= 50.05	1.04 L	

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F. B. 3287 PG. 125

MON Nº 9

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL ON LINE BETWEEN MON #1 & MON #13 PER F.B. 3164-11-237 - F.B. 3264-95 & 3287-13-29

COUNTY ENGINEER 9 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 8	OFFSET	ELEV.
10-15-65	50.01'	0.11' L.	23.721
2-16-66	50.01'	0.23' L	23.721
8-16-66	50.02'	0.26 L.	23.704
1-12-67	50.02'	0.35' L.	23.735
4-9-69	T=62°(68° TAPE) 50.07 @ LEV= 50.07	0.92 L	23.864
4-24-69	T=62° 50.06 @ LEV= 50.06	0.97 L	23.872
5-1-69	T=66° 50.06 @ LEV= 50.06 ✓	0.97 L ✓	23.874
5-7-69	T=64° 50.06 @ LEV= 50.06 ✓	0.97 L ✓	23.875
5-21-69	T=68° ✓ 50.05 @ LEV= 50.05	0.98 L ✓	23.883
6-4-69	T=70° 50.05 @ LEV= 50.05 ✓	0.99 L ✓	23.880
7-11-69	T=70 50.05 @ LEV= 50.05 ✓	0.99 L	23.875
6-8-70	T=68 50.06 @ LEV= 50.06 ✓	1.06 L	

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F. B. 3287 PG. 126

MON. Nº 10

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL ON LINE BETWEEN MON. #1 & MON. #13 PER F.B. 3164-11-237 F.B. 3264-95 F.B. 3287-13-29

COUNTY ENGINEER 10 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 9	OFFSET	ELEV.
10-15-65	50.01'	0.08' L.	23.239
2-16-66	50.01'	0.21' L.	23.230
8-16-66	50.03'	0.24' L.	23.210
1-11-67	50.03'	0.34' L.	23.236
4-9-69	T=62° (68° TAPE)	0.92 L	23.319
4-24-69	50.09 @ ELEV= 50.09 T=62° 50.10 @ ELEV= 50.10	0.96 L	23.325
5-1-69	T=66° ✓ 50.08 @ ELEV= 50.08	0.95 L ✓	23.326
5-7-69	T=64° ✓ 50.08 @ ELEV=	0.97 L ✓	23.323
5-21-69	50.08 T=68° 50.09 @ ELEV= ✓ 50.09	0.98 L	23.332
6-4-69	T=70° 50.08 @ ELEV=	0.98 L ✓	23.325
7-11-69	50.09 T=70 50.09 ELEV= 50.09	0.98 L ✓	23.319
6-8-70	T=68 50.09 @ ELEV= 50.09 ✓	1.04 L ✓	

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F. B. 3287 PG. 127

MON. Nº 11

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. ON 6" IN WELL ON LINE BETWEEN MON. #1 & MON #13 PER F.B. 3164-12-238 - F.B. 3264-96 & F.B. 3287-14-30

COUNTY ENGINEER 11 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 10	OFFSET	ELEV.
10-15-65	35.21'	0.09' L.	23.213
2-16-66	35.22'	0.21' L.	23.208
8-16-66	35.20'	0.24 L.	23.187
1-12-67	35.21'	0.33' L.	23.217
4-9-69	T=62° (68 TAPE) 35.22 @ ELEV.= 35.22	0.86 L	23.312
4-24-69	T=62° 35.22 @ ELEV.= 35.22	0.89 L	23.318
5-1-69	T=66° 35.22 @ ELEV.= 35.22	0.89 L	23.321
5-7-69	T=64° 35.22 @ ELEV.= 35.22	0.90 L	23.317
5-21-69	Monument	destroyed	

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F. B. 3287 PG. 128

MON. Nº 12

SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL ON LINE BETWEEN MON. #1 & MON. #13 PER F.B. 3164-12-238 F.B. 3264-96 & F.B. 3287-14-30

COUNTY ENGINEER 12 R.E. 5869

DATE	MEASURED DISTANCE FROM MON. Nº 11	OFFSET	ELEV.
10-15-65	35.22	0.06 L	23.265
2-16-66	35.22	0.15 L.	23.266
8-16-66	35.22	0.17 L.	23.247
1-11-67	35.23	0.26 L.	23.279
4-9-69	T=62° (68 TAPE)	0.66 L	23.375
4-24-69	35.22 @ LEV= 35.22 T=64° 35.23 @ LEV= 35.23	0.70 L	23.384
5-1-69	T=66° 35.23 @ LEV= 35.23	0.69 L	23.387
5-7-69	T=64° 35.23 @ LEV= 35.23	0.69 L	23.381
(ON 5-21-69 DIST. IS FROM #10)	T=68 70.45 @ LEV= 70.45	0.70 L	23.383
6-4-69	T=70 70.42 @ LEV= 70.42	0.69 L	23.351
7-11-69	T 66 70.45 @ LEV= 70.45	0.69 L	23.346
6-8-70	T=68 70.43 @ LEV= 70.43	0.73 L	

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Checked	Notes L-V-SMITH Date
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F. B. 3287 PG. 129

COUNTY ENGINEER 13 R.E. 5869

MON. Nº 13
SET STD. CO. ENGR. BENCH MARK TYPE MON. IN CONC. DN. 6" IN WELL - MON. SET AS HORIZONTAL CONTROL PER F.B. 3164-13 - 238 F.B. 3264-96 & F.B. 3287-14-30

DATE	MEASURED DISTANCE FROM MON. Nº 12	OFFSET	ELEV.
10-15-65	210.10'	0.00	22.179
2-16-66	210.08	0.00	22.155
8-16-66	210.09	0.02' L	22.130
1-12-67	210.07	0.02 L	22.152
4-9-69	T=62°(68° TAPE) 210.05 @ LEV= 210.04	0.02 L	22.161
4-28-69	AS OF 4-23-69 DIST. IS FROM MON # 19 T=64° 29.96 @ LEV= 29.96 ✓	0.02L ✓	22.163
4-30-69	T=66° 29.96 @ LEV= 29.96 ✓	0.01 L ✓	22.164
5-7-69	T=64° 29.97 @ LEV= 29.97 ✓	0.02 L ✓	22.160
5-21-69	T=68° 29.96 @ LEV= 29.96 ✓	0.02 L ✓	22.172
6-4-69	T=70° 29.96 @ LEV= 29.96 ✓	0.02L ✓	22.163
7-11-69	T=66 29.97 @ LEV= 29.97 ✓	0.02 L ✓	
6-8-70	T=68 29.97 @ LEV= 29.97 ✓	0.02 L ✓	

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F. B. 3287 PG. 13

INTERSECTION "B"

SET 1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG BY INTERSETION OF PACIFIC COAST HWY. & PROD FROM P.I. #12 & LINE PROD WLY. FROM MON. #1 PROD FROM MON. #13. PER F.B. 3164-13 = 239 - F.B. 3264-97 & F.B. 3287-15-31 BEGINNING ON 4-10-69 LINE IS HELD BETWEEN INT. "B" & P.I. W'LY OF SUNSET BL.

DATE	MEASURED DISTANCE FROM MON. Nº 13	TURNED ANGLE	ADJ. ANGLE	MEASURED DISTANCE TO P.I. Nº 12	OFFSET OF PI #12 BEGIN 4-10-69
10-15-65	362.69	156° 52' 12"	156° 52' 15"	77.95	
2-16-66	362.68	156 52 10	156 52 15	77.95	
8-16-66	362.70	156 52 10		77.97	
1-11-67	362.71	156 52 06		77.95	
4-10-69	T=66° (18 TAPE)	156° 52' 15.5"		T=64° (18 TAPE)	
4-23-69	362.71 @ LEV= 362.71 [redacted] T=64° 362.69 @ LEV=	per FBG 1253-25 156° 52' 13.5" per FBG 1253-25		77.95 @ LEV= 77.95 T=68° 77.95 @ LEV= 77.95	0.01 L 0.01 L
4-30-69	362.68 T=64° 362.72 @ LEV= 362.71	156° 52' 19.5" Per FBG 1252-18		T=64° 77.95 @ LEV= 77.95	0.01 L
5-7-69	T=64° 362.70 @ LEV= 362.69	156° 52' 15.5" Per FBG 1253-32		T=64° 77.96 @ LEV= 77.96	0.01 L
5-21-69	T=68° 362.71 @ LEV= 362.71	156° 52' 10.0" Per FBG 1253-32		T=68° 77.95 @ LEV= 77.95	0.01 L
6-4-69	T=70° 362.70 @ LEV= 362.70	156° 52' 19.5" per FBG 1253-38		T=72° 77.94 @ LEV= 77.94	0.01 L
7-10-69	T=74 362.70 @ LEV= 362.71	156° 52' 20.0" PER FBG 1253-38		T=74° 77.96 @ LEV= 77.96	0.01 L
6-9-70	T=66 362.69 @ LEV= 362.69	156° 52' 12"		NOT MEAS.	

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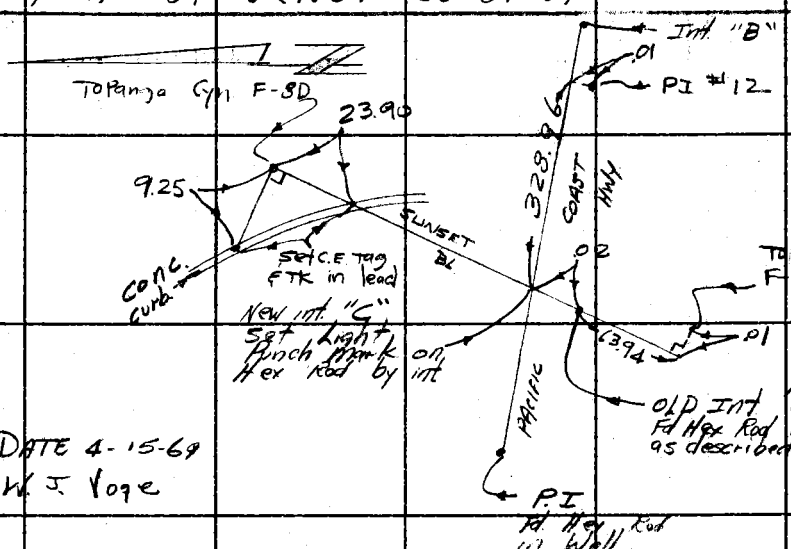
Notes Ck'd by	Survey of W. W. DIST. N° 29	F. B. 3287	PG. 131
Map No.	JN ____ Tape ____ Std ____ °F		
Office Work	Surveyed by L.V. SMITH		
Checked	Notes L.V. SMITH Date		
Date	Indexed C. J. GALLI		

INTERSECTION 'C' (ON 4-15-69 THIS INT WAS RESET W.J. VOGE)

FD. STD. L.A. CITY ENGR. MON. (HEX ROD) IN WELL AT INTERSECTION OF PACIFIC COAST HWY & SUNSET BLVD. PER F.B. 3164-14-240, F.B 3264-98 & F.B. 3287-16-32

DATE	MEASURED DISTANCE FROM P.I N° 12	TURNED ANGLE	ADJ. ANGLE	MEASURED DISTANCE TO TOPANGA CYN. F-8-C
10-15-65	329.00	55° 09' 00"	55° 09 04	63.92
2-16-66	329.00	55° 09 03'	55 09 04	63.91
8-16-66	329.01	55° 09 05		63.90
1-11-67	329.01	55° 09' 09"		63.91



DATE 4-15-69
W. J. Voge

DATE	DISTANCE FROM PI #12	DISTANCE TO HEX ROD (OLD INT)	DISTANCE HEX ROD TO F-8C	OFFSET F-8C	ANGLE F-8D TO INT. B
4-15-69	T=66° 328.96 @ ELEV: 328.96	0.02	T=66° 63.94 @ ELEV: 63.94	0.01 E	55°09'29.5" Per FBG 1253-26
4-23-69	T=68° 329.01 @ ELEV=329.01	0.02	T=68° 63.96 @ ELEV= 63.96	0.02 E	55°09'33.0" per FBG 1253-26
4-30-69	T=64° 329.02 @ ELEV= 329.01	0.01	T=64° 63.95 @ ELEV= 63.95	0.02 E	55°09'39.0" per FBG 1252-17
5-7-69	T=64° 329.02 @ ELEV: 329.01	0.01	T=64° 63.95 @ ELEV: 63.95	0.02 E	55°09'31.0" per FBG 1253-31

Continued PG. 149

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F. B. 3287 PG. 132

MANHOLE 2-A

SET "X" ON TOP OF 30" WATERMAIN PER F.B. 3164-9-235, F.B. 3264-93, & F.B. 3287-11 27

DATE	MEASURED DISTANCE FROM MON. No 2	OFFSET	ELEV.	
10-16-65	+ 1.26	2.74 L	12.78	
2-16-66	+ 1.25	2.75 L	12.75	0.00
8-15-66	+ 1.30	2.74 L	12.72	
1-11-67	+ 1.28	2.74 L	12.78	
4-11-69	+ 1.25	2.75 L	12.78	
4-24-69	+ 1.22	2.72 L	12.75	
5-1-69	+ 1.24	2.73 L	12.75	
5-8-69	+ 1.29	2.73 L	12.76	

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Notes Ck'd by	Survey of W.W. DIST Nº 29
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Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date
Date	Indexed C. J. GALL

F. B. 3287 PG. 133

MANHOLE 4-17

SET "X" ON TOP OF 30" WATER MAIN PER F.B. 3164-9-235, F.B. 3264-93, & F.B. 3287-11-27

DATE	MEASURED DISTANCE FROM MON. Nº 4	OFFSET	ELEV.	
10-16-65	+ 0.74	3.43 L	12.38	
2-16-66	+ 0.81	3.46 L	12.39	
3-15-66	+ 0.74	3.47 L	12.37	
1-11-67	+ 0.74	3.50 L	12.36	0.11
4-13-69	+ 0.74	3.66 L	12.45	
4-24-69	+ 0.78	3.70 L ✓	12.42	
5-1-69	+ 0.82	3.71 L ✓	12.43	
5-8-69	+ 0.80	3.70 L ✓	12.42	

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F. B. 3287 PG. 134

MANHOLE 10-A

SET "X" ON TOP OF 30" WATERMAIN PER F.B. 3164-11-237, F.B. 3264-95, & F.B. 3287-13-29

DATE	MEASURED DISTANCE FROM MON. No 10	OFFSET	ELEV.	
		2.13 [illegible]		
10-16-65	-0.04	2.52 L	16.44	
2-16-66	-0.02	2.63 L	16.37	
8-15-66	-0.02	2.66 L	16.43	
1-11-67	+0.04 0.36	2.79 L	16.43	
4-13-69	-0.01	3.36 L	16.48	
4-24-69	-0.04	3.42 L	16.52	
5-1-69	-0.06	3.41 L	16.51	(0.38)
5-8-69	-0.05	3.43 L	16.51	

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Notes Ck'd by	Survey of W.W DIST. Nº 29
Map No.	JN Tape Std °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date
Date	Indexed B. J. GALLI

F. B. 3287 PG. 135

MANHOLE Nº 12-17

SET "X" ON TOP OF 30" WATERMAIN PER F.B. 3164-12-23 8, F.B. 3264-96, & F.B. 3287-14-30

DATE	MEASURED DISTANCE FROM MON. Nº 12	OFFSET	ELEV.
10-15-65	-0.42	1.44 (0.06) L.	15.68
2-16-66	-0.38	1.55 L.	15.71
8-16-66	-0.39	1.57 L.	15.69
1-12-67	-0.42	1.63 L.	15.71
4-13-69	-0.42	2.08 L	15.82
4-24-69	-0.45	2.10 L	15.83
5-1-69	-0.45	2.10 L	15.85
5-8-69	-0.38	2.12 L	15.84

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Notes Ck'd by	Survey of WW #29 30" To Panoga Feeder
Map No.	JN 5291.51 Tape 0189 Std 68 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 4-23-69
Date	Indexed C. L. GALLI NW 5'69

F. B. 3287 PG. 137

ADDITIONAL MONUMENTS IN SLIDE

AREA ON THE PACIFIC COAST HWY.

EAST OF SUNSET BLVD.

JN 52~~11.51~~ 99.41

NEW MONUMENTS SET ARE 2" I.P.S CONC. PLUG & BT. SPK. IN WELL WITH COVER. THESE NUMBERS ARE: #14, #15, #16, #17, #18, #19

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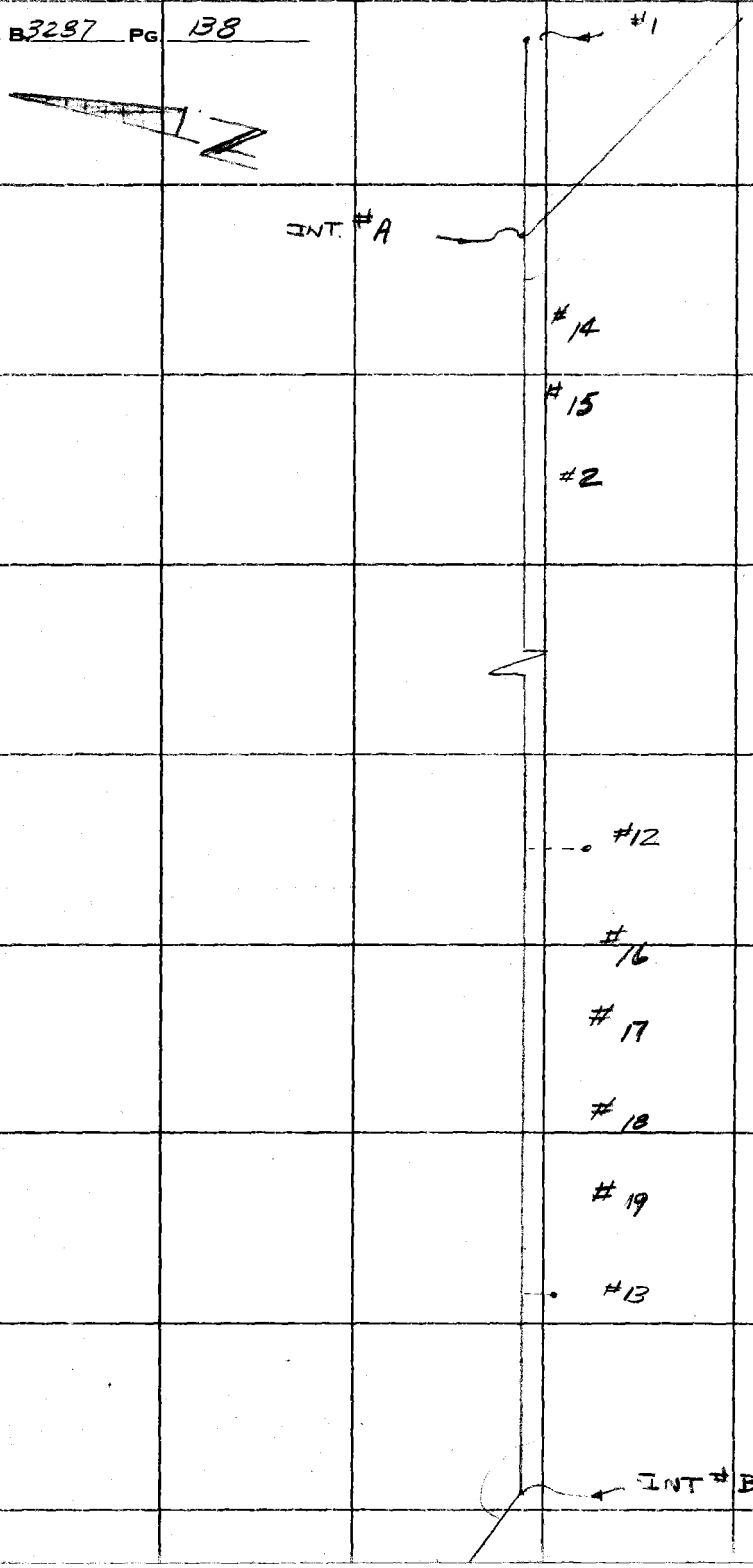
F. B. 3287 PG. 138



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Notes Ck'd by	Survey of WW #29 30" Opama Feeder
Map No.	JN 5291.51 Tape 0189 Std 68 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 4-23-69
Date	Indexed C. J. GALLI MAY 5 '69

F. B. 3287 PG. 139

MON. # 14

SET A 2" I.P. CONC PLUG & BT SPK IN WELL WITH COVER PER FB 3287-138

DATE:	DISTANCE FROM INT. "A"	OFFSET L = SOUTH R = NORTH	ELEV.
4-24-69	T=68° 246.05 @ LEV.= 246.05	0.17R	22.611
4-30-69	T=62° 246.09 @ LEV=246.08	0.17R	22.612
5-7-69	T=68° 246.08 @ LEV= 246.08 ✓	0.16R	22.611
5-21-69	T=68° 246.06 @ LEV= 246.06 ✓	0.16R	22.610
6-5-69	T=64° 246.09 @ LEV= 246.08 ✓	0.16R	22.622
7-11-69	T=74 246.06 @ LEV= 246.07 ✓	0.18R	22.602
6-8-70	T=68 246.06 @ LEV= 246.07 ✓	0.16R	

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F. B. 3287 PG. 140

MON #15

SET 2" I.P., CONC. PLUG & BT. SPK. IN WELL WITH COVER PER FB 3287-138

DATE:	DISTANCE FROM #14	OFFSET L= SOUTH R= NORTH	ELEV.
4-21-69	T=64° 50.38 @ LEV= 50.38	0.06 L	22.547
4-30-69	T=62° 50.38 @ LEV= 50.38	0.06 L	22.547
5-7-69	T=64° 50.38 @ LEV= 50.38 ✓	0.06 L	22.550
5-21-69	T=68° 50.38 @ LEV= 50.38 ✓	0.07 L	22.548
6-4-69	T=70° 50.38 @ LEV= 50.38 ✓	0.07 L	22.547
7-11-69	T=74 50.38 @ LEV= 50.38 ✓	0.05 L	22.539
6-8-70	T=70 50.38 @ LEV= 50.38 ✓	0.05 L	

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Notes Ck'd by	Survey of WW#29 30" Topanga Feeder F. B. 3287 PG. 141
Map No.	JN 5291.51 Tape 0189 Std 68 °F
Office Work	Surveyed by WJ Voge
Checked	Notes Voge Date 4-23-69
Date	Indexed C.J. GALLI NOV 5 '69

MON #16

SET A 2" IP, CONC PLUG & BT SPK IN WELL WITH COVER PER FB 3287-138

DATE:	DISTANCE FROM #12	OFFSET L= SOUTH R= NORTH	ELEV
4-23-69	T=64° 50.18 @ LEV= 50.18	0.07 L	23.098
4-30-69	T=66° 50.18 @ LEV= 50.18 ✓	0.055 L ✓	23.100
5-8-69	T=64° 50.17 @ LEV= 50.17 ✓	0.06 L ✓	23.097
5-21-69	T=68° 50.19 @ LEV= 50.19 ✓	0.07 L ✓	23.104
6-4-69	T=70 50.18 @ LEV= 50.18 ✓	0.07 L	23.072
7-11-69	T 66 50.19 @ LEV= 50.19 ✓	0.06 L	23.070
6-8-70	T=68 50.18 @ LEV= 50.18 ✓	0.07 L	

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MON. #17

SET A 2" I.P., CONC. PLUG & BT. SPK. IN WELL WITH COVER PER FB 3287-138

DATE:	DISTANCE FROM #16	OFFSET L=SOUTH R=NORTH	ELEV.
4-23-69	T=64° 49.97 @ LEV=49.97	0.04 R	22.724
4-30-69	T=66° 49.98 @ LEV=49.98	0.05 R	22.725
5-8-69	T=64 49.97 @ LEV= 49.97 ✓	0.05 R	22.719
5-21-69	T=68° 49.97 @ LEV= 49.97 ✓	0.04 R	22.731
6-4-69	T=70° 49.98 @ LEV= 49.98 ✓	0.03 R	22.722
7-11-69	T=66 49.99 @ LEV= 49.99 ✓	0.04 R	22.721
6-8-70	T=70 49.98 @ LEV= 49.98 ✓	0.02 R	

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Notes Ck'd by	Survey of WW #29 30" To Range Feeder F. B. 3287 PG. 143
Map No.	JN 5291.51 Tape 0189 Std 68 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 4-23-69
Date	Indexed B. J. GALL NOV 5 '69

MON #18

SET A 2" I.P., CONC. PLUG & BT. SPK IN WELL WITH COVER PER FB 3287-138

DATE:	DISTANCE FROM #17	OFFSET L=SOUTH R=NORTH	ELEV.
4-23-69	T=64° 49.81 @LEV= 49.81	0.01 R	22.539
4-30-69	T=66° 49.81 @LEV= 49.81	0.02 R	22.541
5-8-69	T=64° 49.82 @LEV= 49.82 ✓	0.01 R	22.537
5-21-69	T=68° 49.81 @LEV= 49.81 ✓	0.01 R	22.547
6-4-69	T=70° 49.81 @LEV= 49.81 ✓	ON LINE	22.539
7-11-69	T 66 49.81 @LEV= 49.81 ✓	0.02 R	22.536
6-8-70	T=68 49.81 @ LEV= 49.81 ✓	0.01 R	

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MON. #19

SET A 2" I.P. CONC. PLUG & BT. SPK IN WELL WITH COVER PER FB3287-138

DATE:	DISTANCE FROM #18	OFFSET L=SOUTH R=NORTH	ELEV
4-23-69	T=64° 30.11 @ LEV = 30.11	0.08 L	22.529
4-30-69	T=66° 30.11 @ LEV = 30.11	0.08 L	22.531
5-8-69	T=64° 30.11 @ LEV = ✓ 30.11	0.08 L	22.525
5-21-69	T=68° 30.11 @ LEV = ✓ 30.11	0.08 L	22.538
6-4-69	T=70° 30.10 @ LEV = ✓ 30.10	0.09 L	22.528
7-11-69	T 66 30.11 @ LEV = ✓ 30.11	0.08 L	22.528
6-8-70	T=68 30.11 @ LEV = ✓ 30.11	0.07 L	

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Notes Ck'd by	Survey of WW #29 30" Top. Feeder
Map No.	JN 5291.51 Tape Std °F
Office Work	Surveyed by Voge
Checked	Notes Voge Date 5-1-69
Date	Indexed R.L. GALLI 5-69

F. B. 3287 PG. 145

LOCATION OF BREAKS IN PVMT.

ON THE PACIFIC COAST HWY. E'LY

OF SUNSET BLVD.

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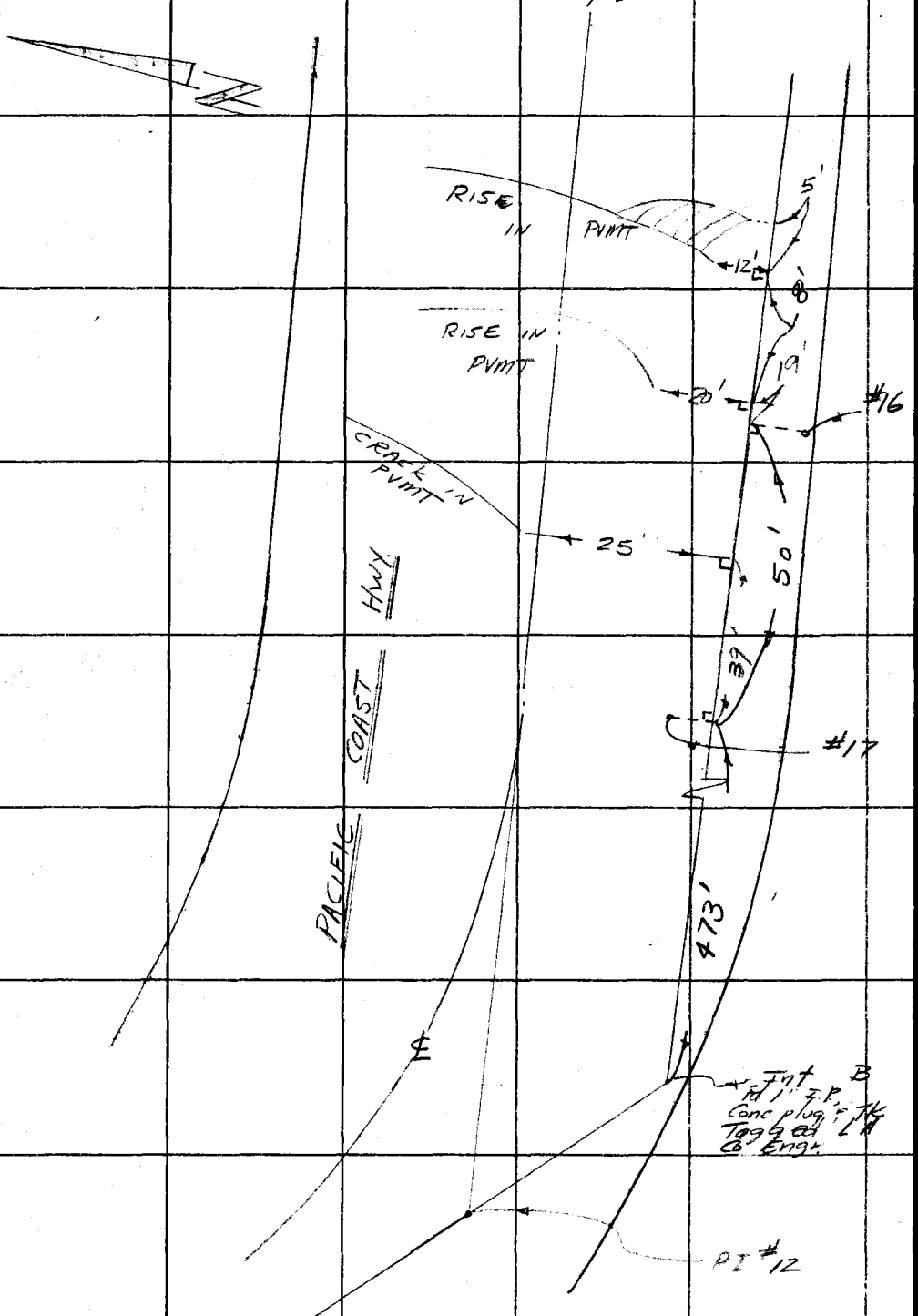
F. B. 3287 PG 146

TO Bot. PG 147



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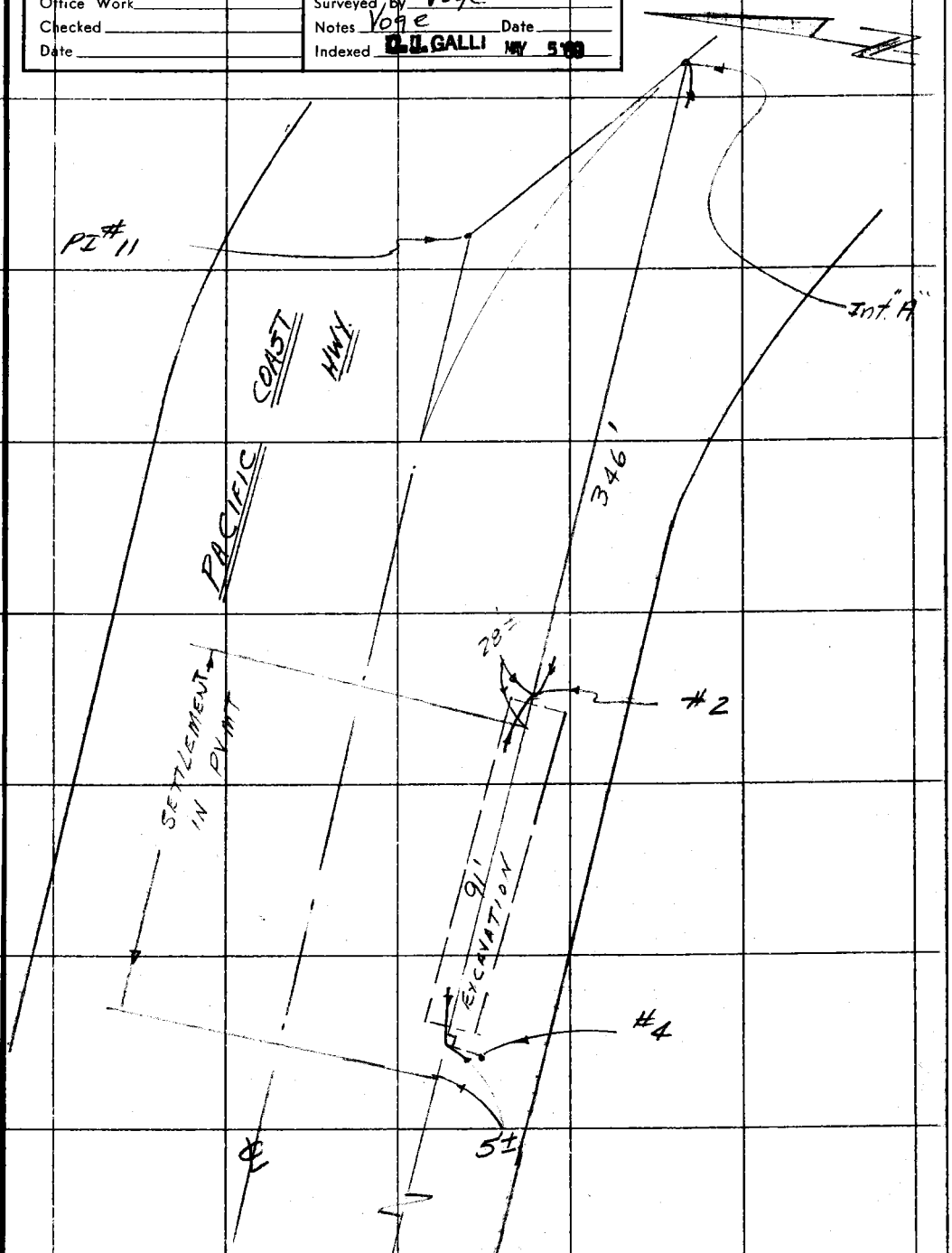
Notes Ck'd by	Survey of WW #29
Map No.	JN 5291.51 Tape Std °F
Office Work	Surveyed by Voge
Checked	Notes Voge Date
Date	Indexed O.L. GALLI MAY 5 1969

F. B. 3287 PG. 147



To Top Pg. 146

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Notes Ck'd by	Survey of WL #29 30" TP Feeder
Map No.	JN 5291.51 Tape 0189 Std 68 °F
Office Work	Surveyed by WJ Voge
Checked	Notes Voge Date 5-21-69
Date	Indexed C. J. GALLI JUN 10 '69

F. B. 3287 PG. 149

CONTINUED FROM PG 131

INTERSECTION "C"

DATE	DISTANCE FROM PI #12	DISTANCE TO HEX ROD (OLD INT)	DISTANCE HEX ROD TO F-8-C	OFFSET F-8C	ANGLE F-8D TO INT B
5-21-69	T=64° 329.02 @ LEV= 329.01	0.015	T=64° 63.96 @ LEV 63.96	0.02E	55° 09'27.5" PER FBG 1253-31
6-4-69	T=72° 328.95 @ LEV= 328.96	0.015	T=66° 63.95 @ LEV= 63.95	0.02E	55° 09'30 PER FBG 1253-37
7-10-69	T=74 329.02 @ LEV= 329.03	0.015	T=74° 63.96 @ LEV= 63.96	0.02E	55° 09'30" PER FB G-1253-37
6-9-70	NOT MEAS.	—	NOT MEAS.	—	NOT MEAS.

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

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F. B. PG.

pgs 150 – 200 incl.

non existing.

fc

F. B. 3287 PG. 201

Profile No.	Notes Red	Plotted	Job No. 5291 51	Division No. 11	
	Date	Date	Survey of WW #29 30" TOPANGA FEEDER		
X-Sec. No.	Notes Chk'd.	Checked	Survey by Voge	Notes Voge	Date 4-10-69
	Date	Date	Map No.	Indexed C. J. GALLI	Date APR 18 '69

LEVELS FOR MONUMENT ELEVATIONS OF 30" WATER LINE EAST OF SUNSET BLVD ON THE PACIFIC COAST HWY.

JN ~~5291.51~~
5299.41 6/24/70

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM48-47A	5 788	21 597		15.809	BM 48-47A (N-53)	Elev. = 15.809 (1964 ADJ)
TP	4 696	22.343	3 950	17647		
TP	5 109	23 307	4 145	18.198		
TP	5 221	23 855	4 673	18.634		
TP	5 101	24 227	4 729	19126		
BM 48-49			4 781	19446	BM 48-49 (G-8)	Elev = 19.423 (1964 ADJ)
BM 48-49	5120	24543		19423	" " "	" " "
BM 48-50			3950	20593	BM 48-50 (USC&GS H 576)	El. = 20.583 (1964 ADJ)
BM48-50	3 898	24 481		20583	" "	"
TP	4 718	24 091	5108	19373		
TP	5 610	24 891	4 810	19 281		
TP	5380	26 771	3 500	21.371		
TP	4 521	27 421	3 871	22.900		
No. #1	3 089	27 283	3 227	24.194		
BM48-51	3 132	27 126	3 289	23 994	BM 48-51 (RUN NOT ADJUSTED IN SLIDE AREA)	Elev = 23.989 (1964 ADJ)
TP	4 670	27 635	4 161	22.965		
No #2	5 663	27 840	5 458	22 177		
No #3	5 658	28 218	5 280	22 560		
No #4	5 920	28 543	5 595	22.623		
No #5	5 737	29 146	5 134	23 409		
No #6			5 350	23 796		

F. B. 3287 Pg. 202 Job No. 5291.51 Division No. 11 Notes Red Plotted Profile
Survey of Yale #29 TOPANGA 30' FEEDER Date 4-10-69 Date No.
Survey by Yoge Notes Yoge Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
No #6	5585	29381		23796		
No #7	5476	29647	5210	24171		
No #8	5485	29743	5389	24258		
No #9	5267	29131	5879	23864		
No #10	5423	28742	5812	23317		
No #11	5456	28768	5430	23312		
No #12	4661	28036	5393	23375		
No #13	4822	26983	5875	22161		
T P	4767	25958	5792	21191		
T P	4640	24700	5898	20.060		
BM T.C.F-8-C	6199	24408	6491	18.209	BM TC FEC	EL=18.340 (FB 3287-20)
BM 48-53			6333	18.075	BM 48-53	EL=18.096 (1964 ADJ)

Profile Notes Red ____ Plotted ____ Job No. 5291.51 Division No. 11 F.B. 3287 PG. 203
No. ____ Date ____ Date ____ Survey of WD #29 TOWNSH 30" FEEDER
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Voge Notes Voge Date 4-10-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3287 PG. 205

Profile No.	Notes Red	Plotted	Job No. 529/51	Division No.
	Date	Date	Survey of WW #29 30" Topanga Feeder	
X-Sec. No.	Notes Chk'd.	Checked	Survey by W J Vogel	Notes Vogel Date 4-25-69
	Date	Date	Map No.	Indexed C. J. GALLI Date APR 29 '69

LEVELS FOR MONUMENT ELEVATIONS OF 30" WATER LINE EAST OF SUNSET BLVD ON THE PACIFIC COAST HWY.

99.41
JN. 529/51

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

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 48-49	5 497	24 920		19 423	BM 48-49 (G-8)	EL = 19.423 (1964 ADJ)
BM 48-50			4 324	20 596	BM 48-50 (USC&GS 1457)	EL = 20.583 (1964 ADJ)
"	4 302	24 885		20 583	" " " " "	" " "
TP	4 889	24 259	5 515	19 370		
TP	5829	25 104	4 984	19 275		
TP	5678	27 065	3 717	21 387		
TP	4825	27 721	4 169	22 896		
#1	3338	27 531	3 528	24 193		
BM 48-51	3752	27 744	3 539	23 992	PI #11 BM 48-51 (DID NOT ADJ)	EL = 23.989 (1964 ADJ)
#14	5615	28 226	5 133	22.611		
#15	5610	28 157	5679	22547		
#2	6571	28 748	5980	22 177		
#4	7584	30 179	6 153	22595		
#6	6096	29 897	6378	23 801		
#7	5837	30014	5720	24 177		
#8	5778	30044	5748	24 266		
#9	5608	29 480	6 172	23 872		
#10	6005	29 330	6 155	23 325		
#11	6080	29 398	6012	23 318		
#12	5704	29 088	6 014	23 384		
#16			5 990	23 098		

F. B. 3287 Pg. 206
Job No. 5291.51 Division No. Notes Red Plotted Profile
Survey of W.W. #29 30' Topanga Feeder Date 4-25-69 Date No.
Survey by Yoge Notes Yoge Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
#16	5468	28 566		23.098		
#17	5630	28354	5 842	22724		
#18	5606	28 145	5 815	22 539		
#19	5540	28 069	5 616	22529		
#13	5081	27 244	5906	22163		
TP	4948	26 143	6049	21 195		
TP	4794	24858	6 079	20.064		
BM T.C. F-8-C	6415	24.626	6 647	18.211	BM TC F-8C	EL = 18.340 (FB 3287-20)
BM 48-53			6549	18.077	BM 48-53	EL = 18.096 (1964 ADJ)
					℄ INT Sunset BL.	& Pacific Coast Hwy.

Profile Notes Red ____ Plotted ____ Job No. 5291-51 Division No. ____
No. ____ Date ____ Date 4-25-69 Survey of Line #29 To "Topanga Feeder"
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Yoder Notes Yoder Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date MR 29 70

F. B. 3287 PG. 207

F. B. 3287 PG. 209

Profile No.	Notes Red	Plotted	Job No. 5291.5 Division No. 11
	Date	Date	Survey of W/W #29 30" TO PANGA FEEDER
X-Sec. No.	Notes Chk'd.	Checked	Survey by W VOGE Notes RLS Date 5-1-69
	Date	Date	Map No. Indexed C. J. GALLI Date MAY 5 '69

LEVELS FOR MONUMENT ELEVATIONS OF 30" WATER LINE EAST OF SUNSET BLVD ON THE PACIFIC COAST HWY.

JN 52~~91.51~~ 99.91

	REF.	PARTY
ELEV.		W VOGE R STRADER R SWANN
F. S.		F DERBY L FISHER
H. I.		
B. S.		
STATION		

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76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 48-49	5 469	24 392		19 423	BM 48-49 (G-8) EL.	19.423 (1964 ADJ.)
BM 48-50			4 295	20 597	BM 48-50 (USC&GS, H 576)	EL. 20.583 (1964 ADJ)
BM 48-50	3 950	24 533		20 583	" " "	" " " "
TP	4 670	24 040	5 163	19 370		
"	5 621	24 896	4 765	19 275		
"	5 459	26 845	3 510	21 386		
"	4 350	27 245	3 950	22 895		
#1	2 989	27 182	3 052	24 193		
BM 48-51	2 937	26 929	3 190	23 992	PI #11 BM 48-51	EL. 23.989 (1964 ADJ)
#14	4 810	27 422	4 317	22 612		
#15	5 295	27 842	4 875	22 547		
#2	6 908	29 085	5 665	22 177		
#4	6 531	29 108	6 508	22 577		
#6	6 770	30 573	5 305	23 803		
#7	5 469	29 650	6 392	24 181		
#8	5 419	29 689	5 380	24 270		
#9	5 338	29 212	5 815	23 814		
#10	5 646	28 972	5 886	23 326		
#11	5 640	28 961	5 651	23 321		
#12	5 363	28 750	5 574	23 387		
#16			5 650	23 100		

F. B. 3287 Pg. 210

Job No. 5391.51 Division No. Notes Red Plotted Profile

Survey of WW #29 30" TOPANGA FEEDER Date Date No.

Survey by W VOGE Notes RLS Notes Chk'd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
#16	5 115	28 215		23 100		
#17	5 210	27 935	5 490	22 725		
#18	5 086	27 627	5 394	22 541		
#19	4 [illegible]	27 [illegible]	5 096	[illegible]		
#20	4 [illegible]	27 145	5 [illegible]	[illegible]		
TP	4 650	25 845	5 950	21 [illegible]		
TP	4 541	24 603	5 783	20 062		
BM T.C. F-8-C	6 1[illegible]	24 396	6 [illegible]41	18 21[illegible]	BM T.C. F-8-C	EL. = 18.340 ([illegible])
BM 48-53			6 320	18 076	BM 48-53	EL. = 18.[illegible] (1964 ADJ)
					℄ INT. SUNSET &	PACIFIC COAST HIGHWAY

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of WW #29 30th Terrace FIELD
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] GAL Date NOV 5 '69

F. B. 3297 PG. 211

F. B. 3287 PG. 213

Profile No. | Notes Red | Plotted | Job No. [illegible] | Division No. 1
Date | Date | Survey of W/W # 29 30" TOPANGA FEEDER
X-Sec. No. | Notes Chk'd. | Checked | Survey by W VOGE | Notes RLS | Date 5-8-69
Date | Date | Map No. | Indexed C. L. GALLI | Date NOV 12 '69

LEVELS FOR MONUMENT ELEVATIONS OF 30" WATER LINE EAST OF SUNSET BLVD. ON THE PACIFIC COAST HWY.

JN. ~~5291.51~~

5299.41 — 6/29/70

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

PARTY
W VOGE
R STRADER
R SWANN
F DERDY
L FISHER

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 48-49	5 521	24 944		19 423	BM 48-49 (G-8) EL. = 19.423 (1964 ADJ)	
BM 48-50			4 348	20 596	BM 48-50 (USC & GS, H 576) EL. = 20.583 (1964 ADJ)	
BM 48-50	4 023	24 608		20 583	" " "	" " "
TP	2 630	24 055	5 243	19 365		
"	5 687	24 963	4 769	19 276		
"	5 471	26 862	3 572	21 391		
"	4 798	27 698	3 962	23 900		
#1	3 185	27 383	3 500	24 198		
BM 48-51	3 311	27 305	3 351	23 994	BM 48-51 = PI #11	EL. = 23.989 (1964 ADJ)
#14	4 990	27 601	4 694	22 611		
#15	5 375	27 925	5 051	22 550		
#2	6 300	28 476	5 747	22 176		
#4	6 610	29 173	5 913	22 563		
#6	5 935	29 741	5 367	23 806		
#7	5 572	29 775	5 609	24 163		
#8	5 450	29 719	5 500	24 269		
#9	5 297	29 172	5 844	23 875		
#10	5 373	28 716	5 849	23 323		
#11	5 403	28 720	5 399	23 317		
#12	4 970	28 351	5 339	23 381		
#16			5 254	23 097		

F. B. 3287 Pg. 214 | Job No. 2391.5 | Division No. 11 | Profile No. | X-Sec. No.

Survey of WW #29 20 TERRACE FEEDER | Plotted | Notes Red | Date | Date

Survey by W. Kose | Notes K. Sheffer | Notes Chk'd. | Date | Date

Indexed E. L. GALLI | Date | Checked | Date | Date

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
#16	4 888	27 985		23 097		
#17	5 003	27 722	5 266	22 719		
#18	4 963	27 505	5 135	22 537		
#19	4 943	27 468	4 980	22 525		
#13	4 904	27 064	5 308	22 160		
TP	4 643	25 830	5 877	21 187		
TP	4 635	24 695	5 770	20 060		
BM T.C. F-8C	6 255	24 462	6 488	18 207	BM T.C. F-8C	EL = 18.340 (FB 3287-20)
BM 48-53			6 391	18 071	BM 48-53	EL. = 18.096 (1964 ADD)
					℄ INT. SUNSET & PACIFIC COAST HIGHWAY	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5291.5 Division No. 11
Date ____ Date ____ Survey of W.N. # 29 30' TOPANGA FEEDER
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by W. [illegible] Notes RLS Date 5-8-69
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date MAY 12 '69

F. B. 3287 PG. 215

Profile No.	Notes Red	Plotted	Job No. 5291.51	Division No. 11		F. B. 3287	Pg. 217
	Date	Date	Survey of W. W #29				
X-Sec. No.	Notes Chk'd.	Checked	Survey by BAY	Notes BAY	Date 5-9-69		
	Date	Date	Map No.	Indexed C.J. GALLI	Date MAY 12 '69		

WATER WORKS DIST. #29

J.N. 52~~91.51~~ 99.41

ELEV.S ON 24" C.M.P. DRAIN
EAST OF SUNSET BLVD.
ON PACIFIC COAST HWY.

5-9-69
BAY, W.
DART, A.

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

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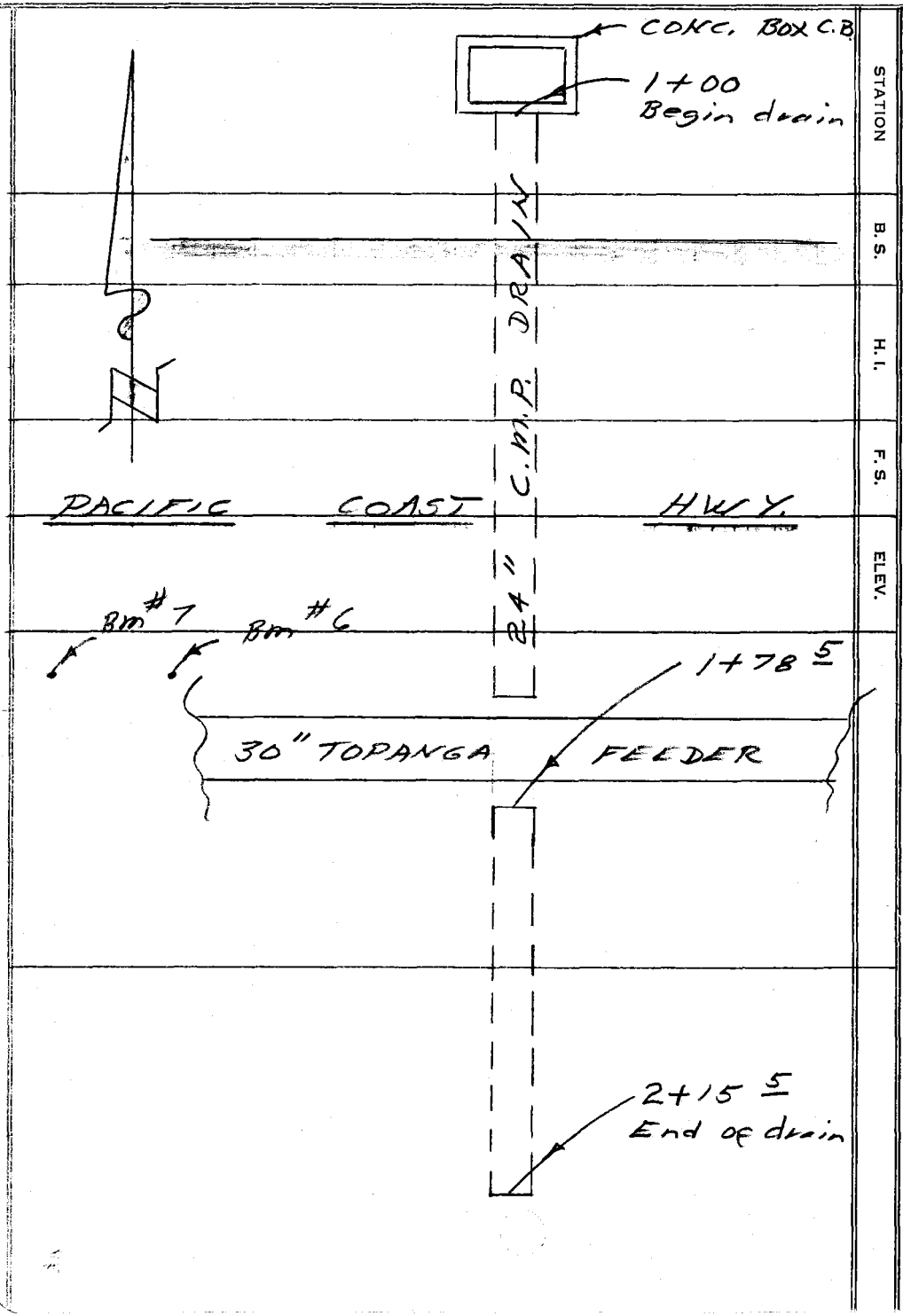
76-L-298 CE 307 5-66

F. B. 3287 Pg. 218 | Job No. 5291.51 | Division No. 11 | Notes Red ____ | Plotted ____ | Profile

Survey of W. W. #29 | Date ____ | Date ____ | No. ____

Survey by Bay | Notes Bay | Notes Chk'd. ____ | Checked ____ | X-Sec.

Indexed C. L. GALLI | Date ____ | Date ____ | Date ____ | No. ____



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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Bm # 7	5 01	29 19		24 18	Bm # 7 EL. 24.18 F.B. 3287 - 206	
1+00			13 85	15 34	11.85 + 2.00 = F.L. 24" C.M.P.	
"			9 93	19 26	Top conc. C.B.	
1+15 ±			6 20	22 99	Edge pvm't.	
1+78 5			16 07	13 12	6.75 + 7.32 + 2.00 = F.L. 24" C.M.P.	
T.P.	0 49	20 66	9 02	20 17		
2+15 5			7 70	12 96	F.L. 24" C.M.P. (end)	
T.P.	9 36	29 53	0 49	20 17		
Bm # 6			5 75	23 78	Bm # 6 EL. 23.80 F.B. 3287 - 206	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5291.51 Division No. 11 F.B. 3287 Pg. 219
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. #29
Notes Chk'd GFB Checked ____ Survey by BAY Notes BAY Date 5-9-69
Date 5-12-69 Date ____ Map No. ____ Indexed B.L. GALLI Date NOV 12 '69

F.B. 3287 Pg. 221

Profile No.	Notes Red	Plotted	Job No.	Division No.
	Date	Date	Survey of WW #29 30" Topman Feeder	
X-Sec. No.	Notes Chkd.	Checked	Survey by W S Yoge Notes Yoge	Date 5-22-69
	Date	Date	Map No.	Indexed C.D. GALLI Date [redacted]

LEVELS FOR MONUMENT ELEVATIONS OF 30" WATER LINE EAST OF SUNSET BL. ON THE PACIFIC COAST HWY.

SN. 529/51

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

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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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76-1298 CE 307 3-61

76-L298 CE 307 3-61

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
BM 48-49	5 515	24 938		19 423	BM 48-49 (G-8)	Elev = 19.423 (1964 ADJ)
BM 48-50			4 341	20 597	BM 48-50 (LSC&GS) A-576	Elev = 20.583 (1964 ADJ)
BM 48-50	4.250	24.833		20 583		
TP	5.068	24.432	5.469	19.364		
TP	5 849	25 122	5 159	19.273		
TP	5 734	27 119	3 737	21 385		
TP	4 720	27 616	4 223	22 896		
#1	3 140	27 335	3421	24 195		
BM 48-51	3 130	27 124	3 341	23 994	BM 48-51 (PI #1) DID NOT ADJ.	EL = 23.989 (1964 ADJ)
#14	5.100	27 710	4514	22 610		
#15	5 705	28 253	5 162	22548		
#2	5 276	27 451	6 078	22.175		
#4	6 790	29 321	4920	22531		
#6	6 187	29 998	5 510	23.811		
#7	5871	30.061	5808	24.190		
#8	5 806	30.082	5785	24276		
#9	5 548	29.431	6.199	23 883		
#10	8 087	31 419	6.099	23 332		
#12	9098	32 481	8 036	23.383		
#16			9377	23.104		

Profile
X-Sec.
Plotted
Date
Checked
Date
No.
No.
Notes Red
Date 5-22-69
Notes Chkd.
Date
Division No. 1
Feeder
Job No. 52915
30" Pipeline
Notes 1092
Date
Survey of W.O. #29
Survey by KS Voge
Indexed C. T. GALLI
F.B. 3287 Pg. 222

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
#16	5397	28 501		23 104		
#17	5493	28 224	5770	22 731		
#18	5463	28 010	5677	22 547		
#19	5457	27 995	5472	22 538		
#13	5041	27 213	5823	22.172		
TP	4 888	26 092	6009	21 204		
TP	4 680	24 753	6019	20 073		
BM TC F-8C	6 401	24 626	6 528	18.225	BM TC F-8C	EL = 18.340 (FB 3287-26)
BM 4853			6 536	18 090	BM 48-53	EL = 18.096 (1964 ADJ)
						Int. Sunset & P.C.H.

Profile Notes Red ____ Plotted ____ Job No. 5-9151 Division No. ____ F.B. 3287 Pg. 223
No. ____ Date ____ Date ____ Survey of WW #29 30" Topanga Feeder
X-Sec. Notes Chkd. ____ Checked ____ Survey by Voge Notes Voge Date 5-22-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date MAY 26 '69

F.B. 3287 PG. 225

Profile No.	Notes Red	Plotted	Job No. 5291.51	Division No.	
	Date	Date	Survey of (P/W) #29 3a" Topanga Feeder		
X-Sec. No.	Notes Chkd.	Checked	Survey by Yoge	Notes Yoge	Date 6-4-69
	Date	Date	Map No.	Indexed C. J. GALLI	Date JUN 10 '69

FLOW LINE ELEVATIONS FOR NEW 24" CMP DRAIN PER WATER WORKS DRAWING #692

IN 52~~91.51~~ 99.91

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

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76-1-298 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.	LENKER ROD USED	
BM #2				22.18	BM #2	EL = 22.18 (FB3287-118)
					GRADE EL TO FLOW LINE	C/F
1+12°				22.99	15.20	C-7.79
1+32°				24.08	14.97	C-9.11
1+45°				24.01	14.82	C-9.19
1+57°				23.89	14.68	C-9.21
1+76°				23.43	14.46	C-8.97
2+04°				23.79	14.13	C-9.66
BM #6				23.82	BM #6	EL = 23.81 (FB3287-122)

LINE STAKED ON 5' OFFSET LEFT (E'H)

F.B. 3287 Pg. 226

Job No. 329.51 Division No. Notes Red Plotted Profile

Survey of WW #29 30" To Panga Feeder Date 6-4-69 Date No. X-Sec.

Survey by Yoge Notes Yoge Notes Chkd. Checked No.

Indexed C. J. GALLI Date Date Date

F. B. 32 87 PG. 221

Profile No.	Notes Red	Plotted	Job No. 5291.51	Division No.	
	Date	Date	Survey of WW #29 30' Topanga Feeder		
X-Sec. No.	Notes Chk'd.	Checked	Survey by Vge	Notes Vge	Date 6-5-69
	Date	Date	Map No.	Indexed C. J. GALLI	Date JUN 10 '69

LEVELS FOR MONUMENT ELEVATIONS OF 30" WATER LINE EAST OF SUNSET BL. ON THE PACIFIC COAST HWY.

JN 52~~91.51~~ 99.41

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

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 48-49	5 589	25 012		19.423	BM 48-49 (G-8)	Elev = 19.423 (1964 ADJ)
BM 48-50			4416	20 596	BM 48-50 (USC&GS #576)	Elev = 20.583 (1964 ADJ)
BM 48-50	4 350	24 933		20 583		
TP	5 197	24 566	5 564	19 369		
TP	5982	25 261	5 287	19 279		
TP	5659	27 051	3 869	21 392		
TP	4 760	27 663	4 148	22 903		
#1	3 338	27 541	3 460	24 203		
BM 48-51	3 282	27 285	3 538	24 003	BM 48-51 (PI #11)	El = 23.989 (1964 ADJ) DID NOT ADJ.
#14	5052	27 674	4 663	22 622		
#15	5408	27 955	5 127	22 547		
#2	5873	28 046	5 782	22 173		
#4	7648	30 165	5 529	22 517		
#5	6 397	29 817	6 745	23 420		
#6	6 214	30 023	6 008	23 807		
#7	5968	30 154	5837	24 186		
#8	5901	30 174	5 881	24 273		
#9	5817	29 697	6 294	23 880		
#10	6 096	29 421	6372	23 325		
#12	5 847	29 198	6 070	23 351		
#16			6 126	23 072		

F. B. 3 287 PG. 228 Job No. 5291 51 Division No. Notes Red Plotted Profile
Survey of [illegible] 30" Tolman Feeder Date 6-5-69 Date No.
Survey by [illegible] Notes [illegible] Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
#16	5475	28547		23072		
#17	5714	28436	5825	22722		
#18	5679	28213	5897	22539		
[illegible]	5626	28154	5690	22528		
[illegible]	5080	27243	5991	22163		
TP	4934	26129	6048	21195		
TP	4877	24945	6063	20066		
BM TC F-8C	6509	24723	6731	18214	BM TC F-8C	El=18340 FB3287-20
BM 48-53			6640	18083	BM 48-53	El=18096 (1964 ADS)
					Int. Pacific Coast Hwy & Sunset Bl.	

Profile Notes Red ____ Plotted ____ Job No. 5291.51 Division No. ____
No. ____ Date ____ Date ____ Survey of WW #29 30" Topanga Feeder
X-Sec. Notes Chkd. ____ Checked ____ Survey by Vogel Notes Vogel Date 6-5-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3287 Pg. 229

F.B. 3287 Pg. 231

Profile No. | Notes Red | Plotted | Job No. 5291.51 | Division No. 11
Date | Date | Survey of WW #29 30" TOPANGA FEEDER

X-Sec. No. | Notes Chkd. | Checked | Survey by R STRADER | Notes RLS | Date 7-11-69
Date | Date | Map No. | Indexed H. E. OTT | Date

LEVELS FOR MONUMENT ELEVATIONS OF 30" WATER LINE EAST OF SUNSET BLVD. ON PACIFIC COAST HIGHWAY.

J.N. 5291.51 99.41

PARTY
K STRADER
R SWANN
V HUCKABY
F DERBY
R SCHERB

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

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76-1298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
BM 48-49	5 265	24 688		19 423	BM 48-49 (G-8)	ELEV= 19.243 (1964 ADJ.)
BM 48-50			4 094	20 594	BM 48-50 (USC&GS, H-576)	EL.= 20.583 (1964 ADJ)
BM 48-50	3 963	24 546		20 583		
TP	4 730	24 096	5 180	19 366		
TP	5 670	24 946	4 820	19 276		
TP	5 448	26 834	3 560	21 386		
TP	4 627	27 523	3 938	22 896		
# 1	3 130	27 315	3 338	24 185		
BM 48-51	3 071	27 056	3 330	23 985	BM 48-51 (PI-11) EL	23 989 (1964 ADJ)
# 14	4 970	27 572	4 454	22 602		
# 15	5 817	28 356	5 033	22 539		
# 2	5 700	27 866	6 190	22 166		
# 4	6 046	28 541	5 371	22 475		
# 5	5 877	29 291	5 127	23 414		
# 6	5 660	29 463	5 488	23 803		
# 7	5 487	29 669	5 282	24 181		
# 8	5 270	29 538	5 400	24 268		
# 9	5 230	29 105	5 663	23 875		
# 10	5 624	28 943	5 786	23 319		
# 12	5 083	28 429	5 597	23 346		
# 16			5 359	23 070		

F.B. 3287 Pg. 232
Job No. 5291.51 Division No. 11 Notes Red Plotted Profile
Survey of WW#29 30" TO PANGA FEEDER Date Date No. X-Sec.
Survey by RLS Notes RLS 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.			
#16	5098	28168		23070			
#17	5067	27788	5447	22721			
#18	5247	27783	5252	22536			
#19	5101	27629	5255	22528			
#13	4565	26727	5467	22162			
TP	4731	25918	5540	21187			
TP	4580	24635	5863	20055			
BM TC F-8C	6308	24515	6428	18207	BM TC F. 8C		EL.=18.340 FB 3287-20
BM 48-53			6443	18072	BM 48-53		EL.=18.096 (1964 ADJ)
					INT. PACIFIC COAST HWY & SUNSET BLVD.		

Profile Notes Red ____ Plotted ____ Job No. 52915 Division No. 11 F.B. 3287 Pg. 233
No. ____ Date ____ Date ____ Survey of WW #29 30" TOPANGA FEEDER
X-Sec. Notes Chkd. ____ Checked ____ Survey by K. TRADER Notes RLS Date 7-11-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date 2 4 69

F. B. 3287 PG. 235

Profile No. | Notes Red | Plotted | Job No. 5291.51 | Division No. 11
Date | Date | Survey of WW#29 30" TOPANGA FEEDER

X-Sec. No. | Notes Chk'd. | Checked | Survey by R STRADER | Notes RLS | Date 6-8-70
Date | Date | Map No. | Indexed C. J. GALLI | Date JUN 11 70

LEVELS FOR MONUMENT ELEVATIONS OF 30" WATER LINE EAST OF SUNSET BLVD. ON PACIFIC COAST HIGHWAY.

J.N. 5291.51 99.41

PARTY

R STRADER
M WACKER
R SWANN
L MANLEY

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

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76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 48-49	6 077	25 500		19 423	BM 48-49 ELEV. = 19.243 (1964 ADJ.) (TOPANGA CYN. G-8) - (CITY OF LA BM 14-03510) ON PACIFIC COAST HWY., 0.7' MILE EAST OF SUNSET BLVD. IN FRONT OF BEL AIR BAY CLUB 144± NE'LY OF ℄ INT. OF PAC. COAST HWY. & PRIVATE ROAD TO BEL AIR BAY CLUB, 3.5' N. OF CENTER LINE STRIPE. A CITY OF LOS ANGELES TRAVERSE STATION MON. IN WELL WITH COVER. FB 1369-43	
BM 48-50			4 905	20 595	BM 48-50 ELEV. = 20.583 (1964 ADJ.) (U.S. 2985) (U.S.C. & G.S., H-576) (CITY OF LA BM 14-03550) ON PACIFIC COAST HWY., 0.7' MILE EAST OF SUNSET BLVD. IN FRONT OF BEL AIR BAY CLUB, NW COR. IN CURB, A U.S.C. & G.S. DISK STAMPED H-576, 1939. FB 1369-43	
BM 48-50	4 348	24 931		20 583		
TP	4 314	24 543	4 702	20 229		
TP	4 054	23 433	5 164	19 379		
TP	5 794	24 595	4 632	18 801		
TP	7 258	29 325	2 528	22 067		
#1	5 840	30 037	5 128	24 197	#1 PER FB 3287-10	
BM 48-51	3 548	27 545	6 040	23 997	BM 48-51 - (PI #11 PER FB 3287-10, 19 ELEV = 23.989 1964 ADJ.)	
#14	5 030	27 646	4 929	22 616		
#15	5 207	27 759	5 094	22 552		
#2	5 773	27 948	5 584	22 175		
#4	5 970	28 463	5 455	22 493		
#5	5 820	29 249	5 034	23 429		

F. B. 3287 Pg. 236 Job No. 5291.51 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of WW #29 30" TOPANGA FEEDER Date ____ No. ____
Survey by R STRADER Notes RLS Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed C.J. GALLY Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		29 249				
#6	5 804	29 625	5 428	23 821		
#7	5 291	29 489	5 427	24 198		
#8	5 302	29 588	5 203	24 286		
#9	5 458	29 349	5 697	23 891		
#10	5 729	29 078	6 020	23 329		
#12	5 450	28 805	5 723	23 355		
#16	5 115	28 190	5 730	23 075		
#17	4 838	27 566	5 462	22 728		
#18	5 002	27 546	5 022	22 544		
#19	4 690	27 226	5 010	22 536		
#13	4 591	26 762	5 055	22 171		
TP	4 153	25 724	5 221	21 541		
TP	4 490	25 092	5 122	20 602		
TP	4 900	24 482	5 510	19 582		
BM TC F-8C	6 256	24 464	6 274	18 208	BM TC F-8C	ELEV = 18.340 (FB 3287-20)
BM 48-53	.		6 388	18 076	BM 48-53	ELEV = 18.096 (1964 ADJ.)
					INT. PACIFIC COAST HWY. & SUNSET BLVD.	

Profile Notes Red ____ Plotted ____ Job No. 529/51 Division No. 11
No. ____ Date ____ Date ____ Survey of WW# 29 30" TOPANGA FEEDER
X-Sec. Notes Chk'd. ____ Checked ____ Survey by R. STRADER Notes K.L.S. Date 6-9-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUL 11 70

F. B. 3287 Pg. 237

Notes Ck'd by	Survey of W.W. Dist. #29
Map No.	JN 5749.35 Tape EDM Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 1-16-80
Date	Indexed H. HOLMAN FEB 14 1980

F. B. 3287 PG. 239

J.N. 5749.35

WATER WORKS

DIST. #29

New Monuments to Check Horizontal Movement along 30" Water Line on Pacific Coast Hwy from Sunset Blvd E'ly to Bel Aire Bay Club Rd.

See pg 251 for Vertical Control

Burkholder
Goble
Wacker
Caro

Reference
F.B. 3287

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76F309S CE#310 3-69

F. B. 3287 PG. 240

INDEX

Pg 241 — Topanga Cyn H-8-C, Aux 1

Pg 242 — Topanga Cyn. G-8

Pg 242 — Pt #1

BEL AIRE BAY CLUB RD.

Pt #2 Pg 243

PACIFIC COAST HWY

Pt #3 Pg 244

P.I. 11 Pg 244

F-8-D Pg #249

SUNSET BLVD.

Pg 245, 246, 247

New Control Line

Pt #13 Pg # 248

P.I. 12

Int. "C" Pg 249

Pg # 249 P.I.

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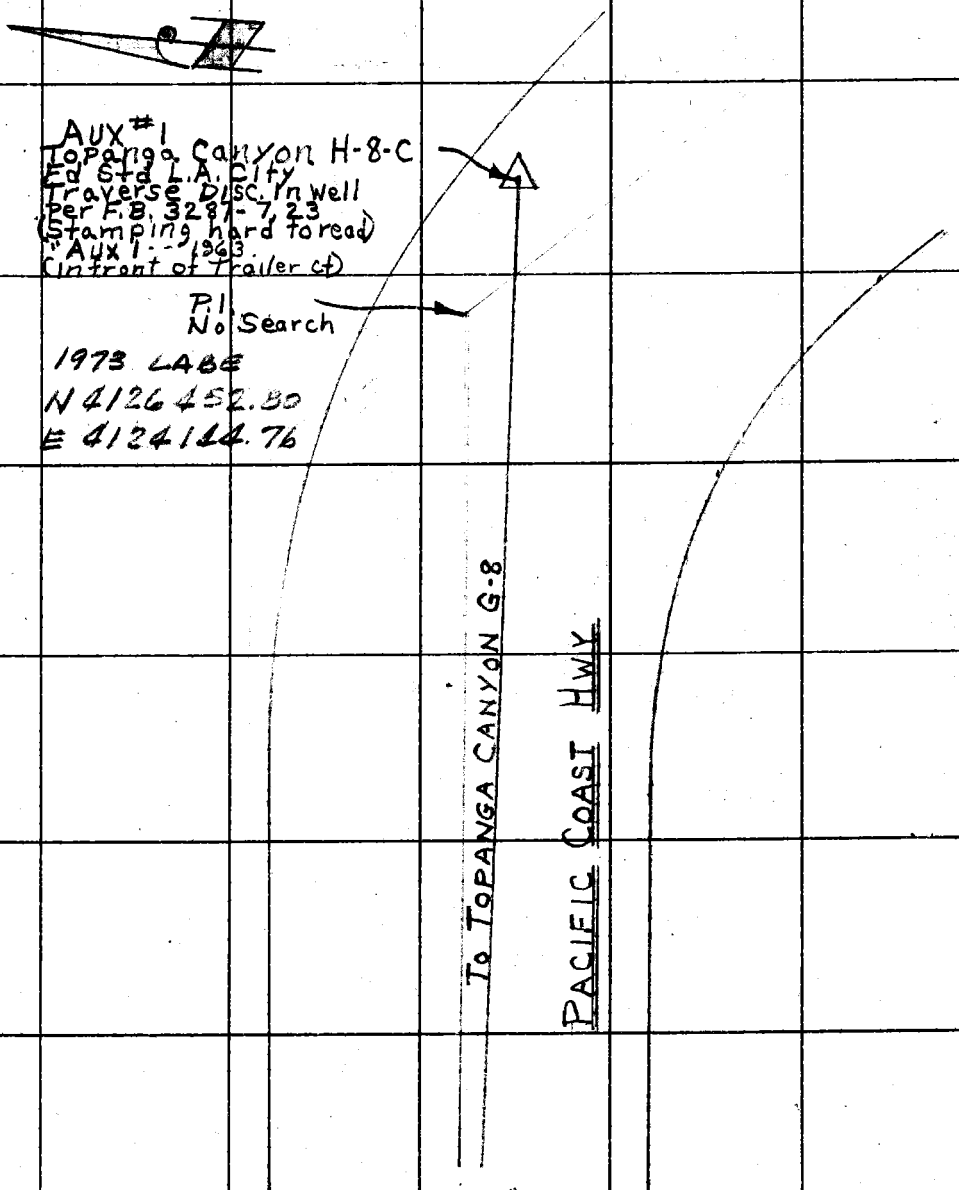
Notes Ck'd by	Survey of W.W. #29
Map No.	JN 5749.35 Tape EDM Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 1-30-80
Date	Indexed H. HOLMAN FEB 14 1980

F. B. 3287 PG. 241



To Top Pg# 242

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76F309S CE#310 3-69

F. B. 3287 PG. 242

123.65 @ 0-12-48 = 123.65'

Topanga Cyn G-8
Fd Std. L.A. City Traverse
Disc. in Well, Stmpd
"Topanga Canyon G-8 1957"
Per F.B. 3287-8, 24

1973 LABE
N 4126875.60
E 4122758.20

698.53 @ 90-06-05 =
= 698.53'

Pl # 9
No Search.

1) 00-00-13
180-00-21
157-01-37
337-01-43

2) 45-04-30
225-04-34
202-05-48
22-05-52

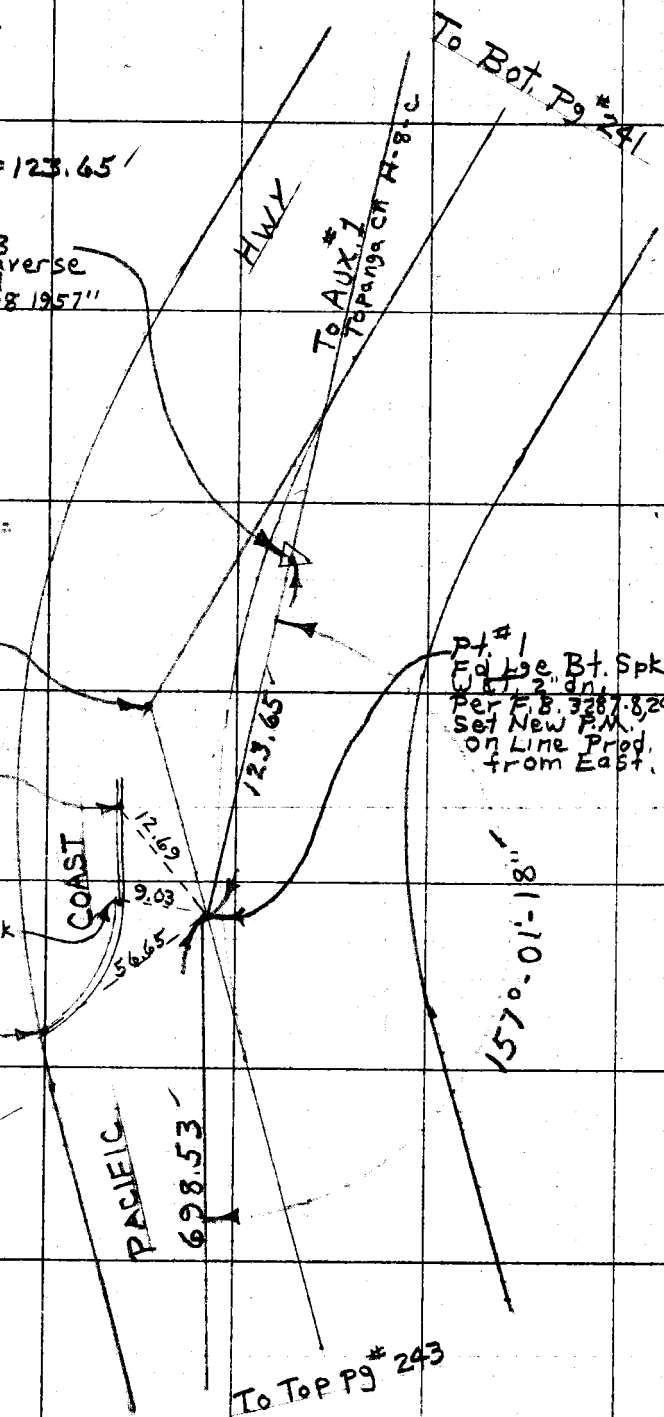
3) 90-07-50
270-07-54
247-09-06
67-09-12

4) 135-09-03
315-09-11
292-10-22
112-10-24
Avg 157-01-18

Fd. Ld & L.A.Co. Engr Tag

Fd. Wire Spk In Ld.

Fd. L&T



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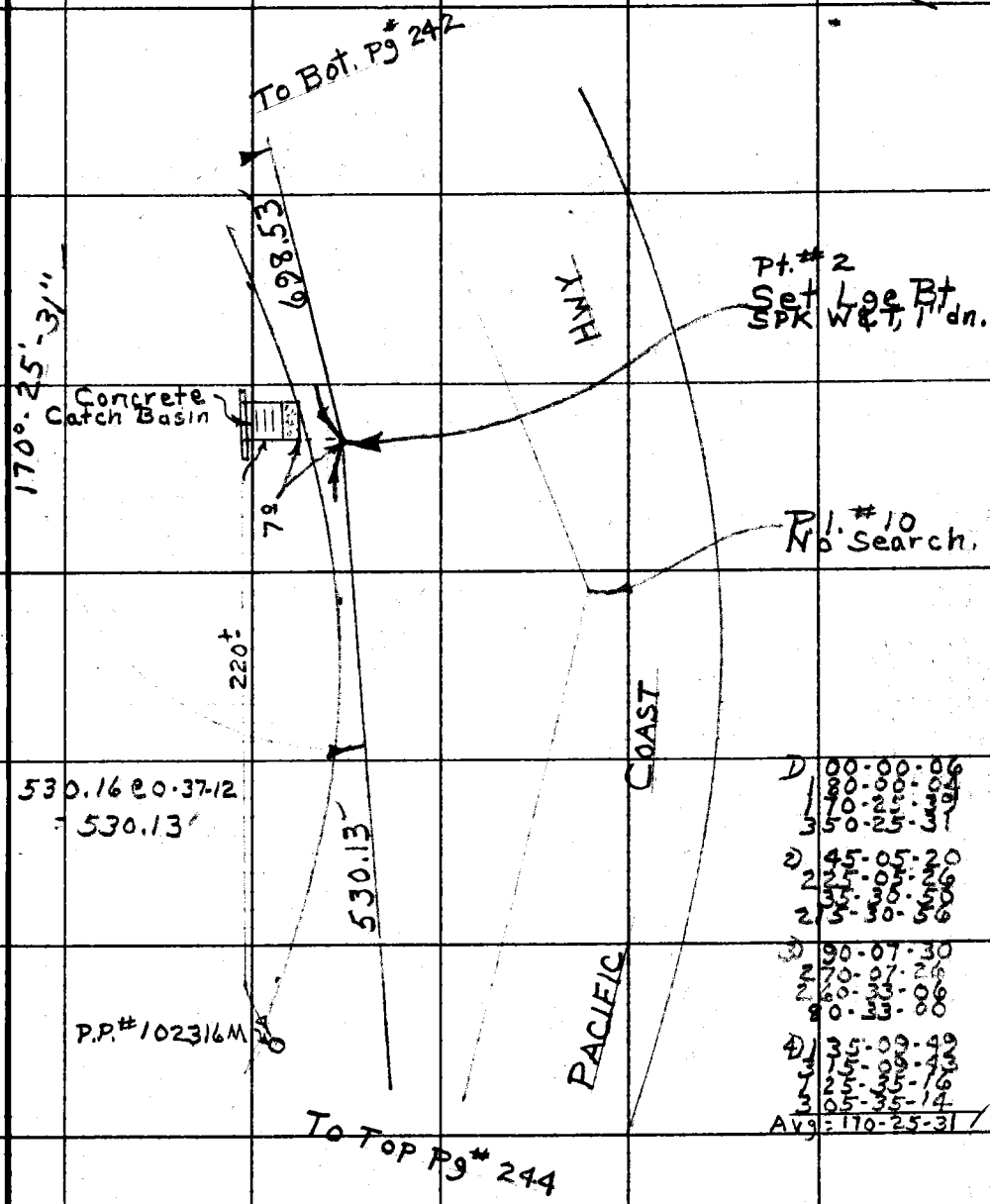
Notes Ck'd by	Survey of W.W. Dist. #29
Map No.	JN 574935 Tape EDM Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 1-30-80
Date	Indexed H. HOLMAN FEB 14 1980

F. B. 3287 PG. 243



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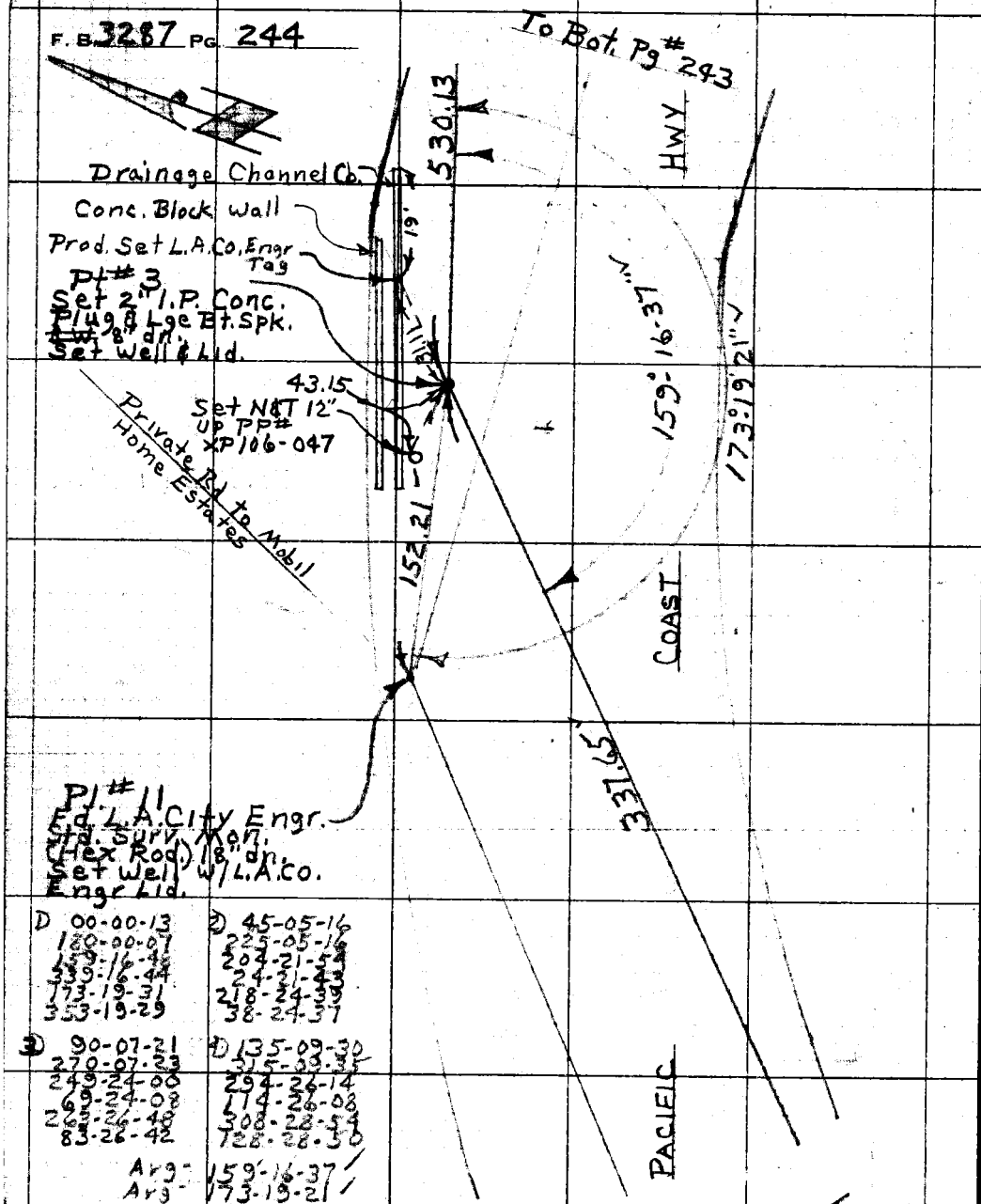
76F309S CE#310 3-69

F. B. 3287 PG. 244



1) 00-00-13	2) 45-05-16
180-00-07	225-05-16
159-16-48	204-21-54
339-16-44	24-21-43
173-19-31	218-24-39
353-19-29	38-24-37
3) 90-07-21	4) 135-09-30
270-07-23	315-09-35
249-24-00	294-26-14
69-24-08	114-26-08
263-26-48	308-28-54
83-26-42	128-28-50

Avg - 159-16-37
Avg - 173-19-21

337.67 @ 0-35-23
= 337.65'

152.22 @ 0-30-35
= 152.21'

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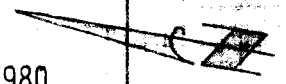
Notes Ck'd by	Survey of W.W. Dist. # 29
Map No.	JN 574935 Tape EDM Std. °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 1-30-80
Date	Indexed H. HOLMAN FEB 14 1980

F. B. 3287 PG. 245



To Bot. Pg # 244

100.15 @ 0°-11-23" = 100.15'

188.28 @ 0-19-26 = 188.28'
- 100.15
88.13'

283.29 @ 0-26-18 = 283.28'
- 188.28
95.00'

337.65

Mon. # 4
Set 2" I.P. Conc.
Plug & Lge Bt Spk.
8" dn. Set Well & Lid.

New Control Line

100.15

Mon. # 5
Set 2" I.P. Conc.
Plug & Lge Bt Spk.
8" dn. Set Well & Lid

0.93

5A
Fd. Ch "X" Top
30" Water Main
Same Pt as 2A
Per F.B. 3287-11,27

9.33

88.13

Mon # 6
Set 2" I.P. Conc.
Plug & Lge Bt Spk
8" dn. Set Well & Lid

2.78

6A
Set Ch "X" Top
30" Water Main
Could not find
4A Per
F.B. 3287-11,27

8.12

95.00

To Top Pg # 246

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 3-69

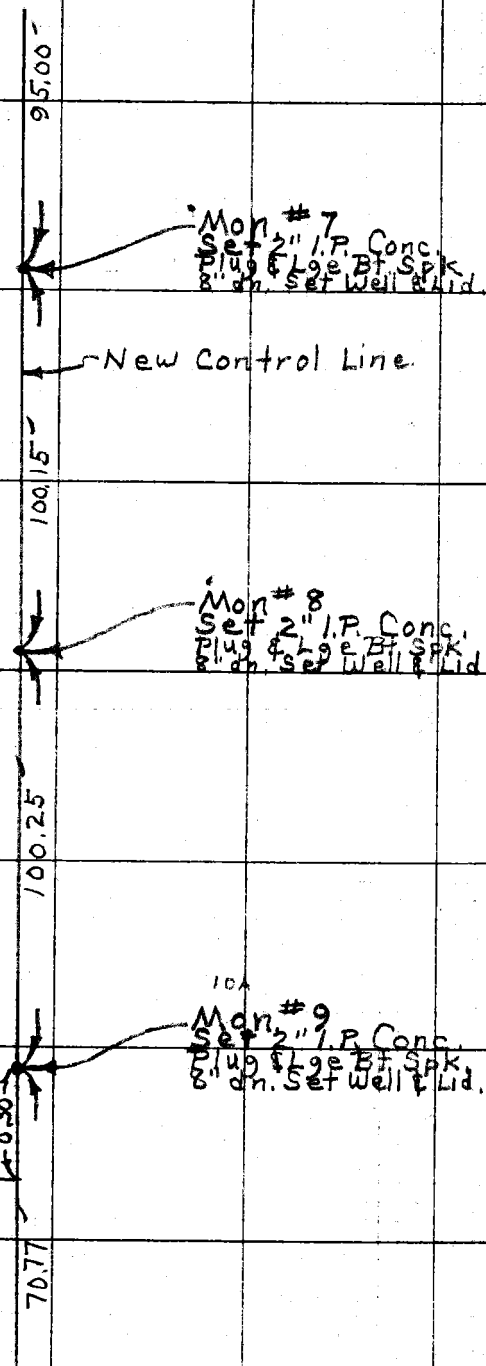
F. B. 3287 PG. 246

To Bot. Pg # 245

383.44 @ 0-18-16 = 383.43
283.28
100.15

483.69 @ 0-19-32 = 483.68
383.43
100.25

70.77 @ Lev. = 70.77



9A
Fd. Ch "t" Top
30" Water Main
Same Pt. as
10A Per
F.B. 3287-13,29

To Top Pg # 247

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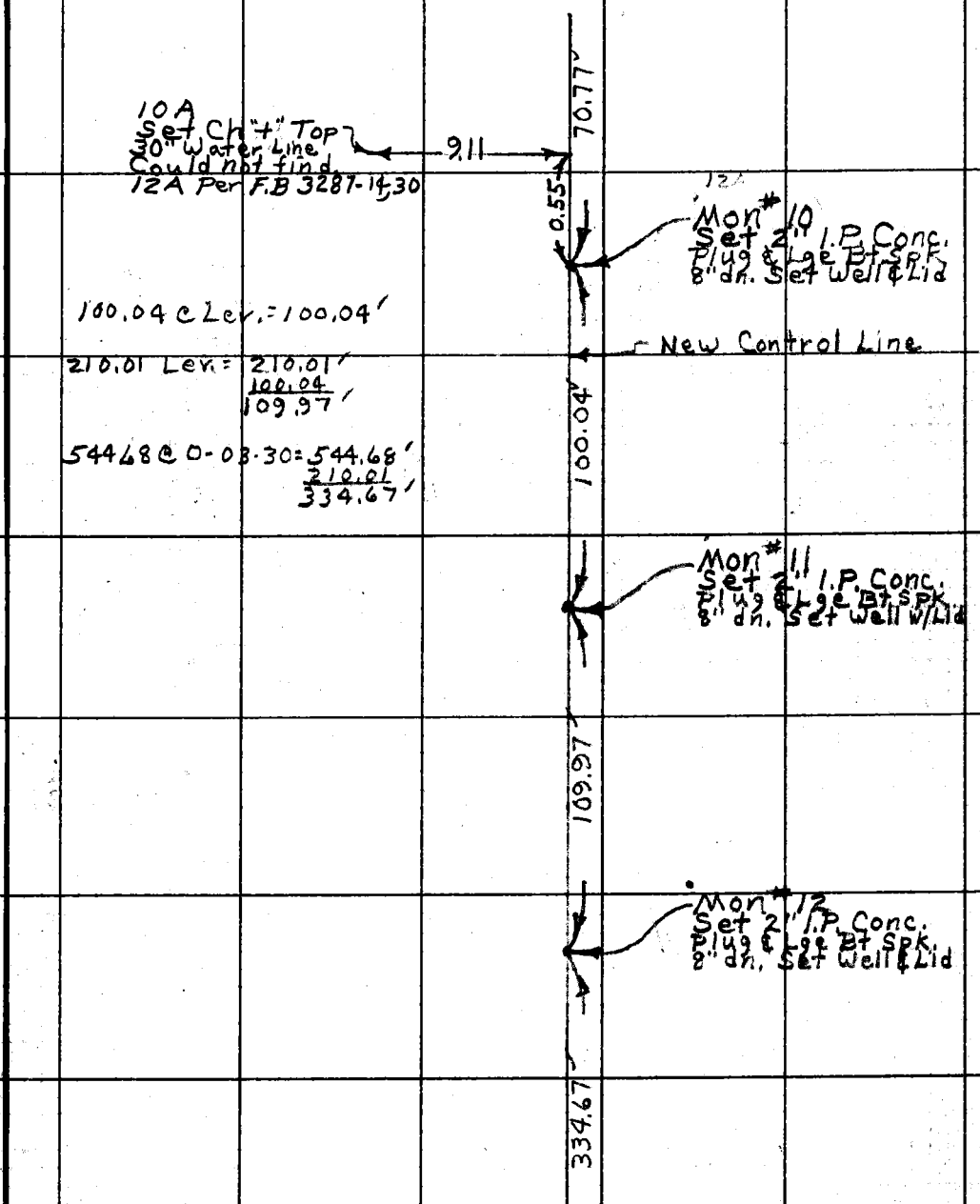
Notes Ck'd by	Survey of W.W. Dist. # 29	F. B. 3287 Pg. 247
Map No.	JN 5749.35 Tape EDM Std °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 1-30-80	
Date	Indexed H. HOLMAN FEB 14 1980	

To Bot Pg # 246



To Top Pg # 248

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

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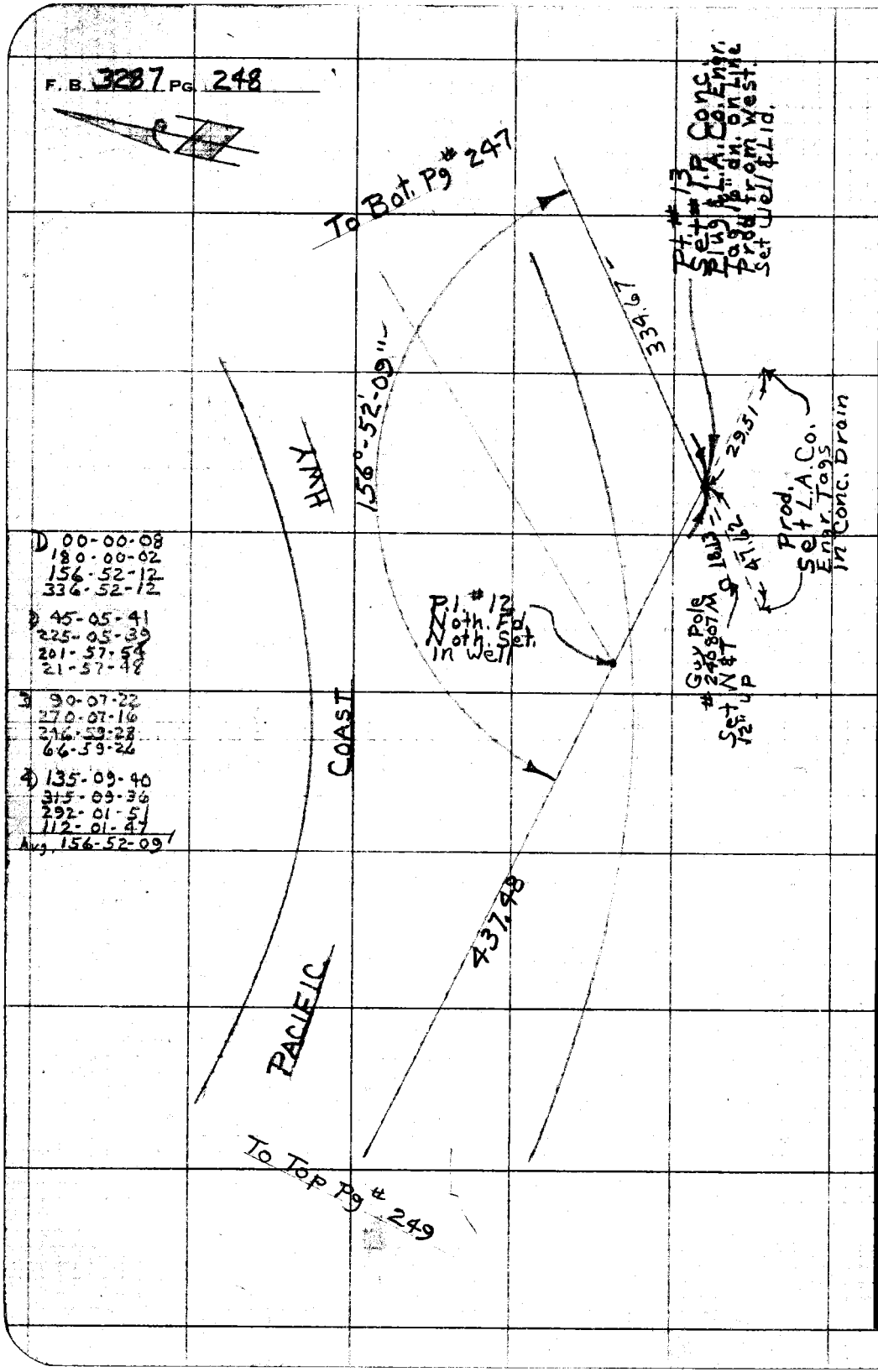
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE#310 3-69

F. B. 3287 PG. 248



1) 00-00-08
180-00-02
156-52-12
336-52-12

2) 45-05-41
225-05-39
201-57-54
21-57-48

3) 90-07-22
270-07-16
246-59-28
66-59-26

4) 135-09-40
315-09-36
292-01-51
112-01-47
Avg. 156-52-09

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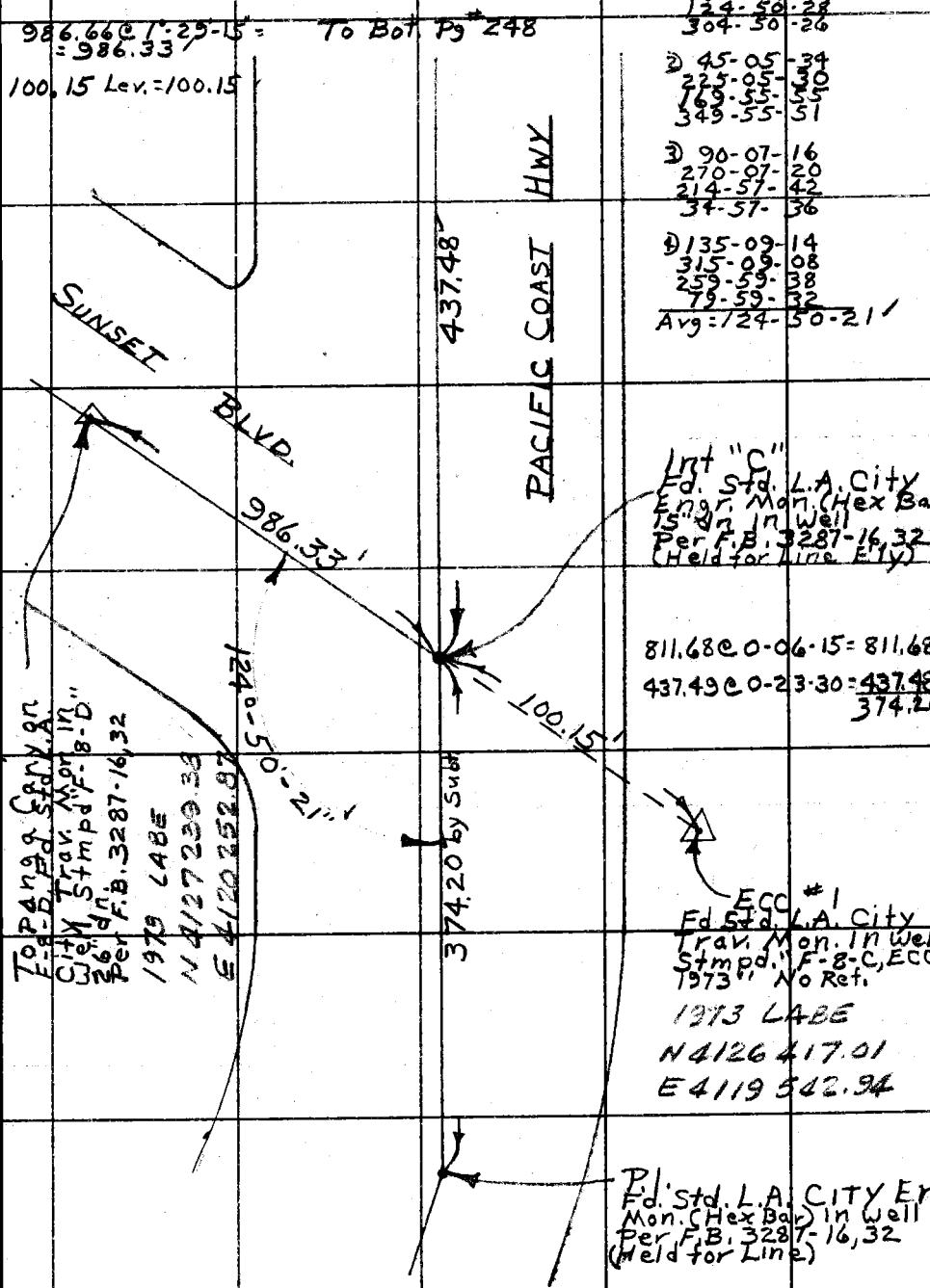
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of W.W. Dist. #29
Map No.	JN 5749.35 Tape EDM Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 1-30-80
Date	Indexed H. HOLMAN FEB 14 1980

F. B. 3287 PG. 249



1) 00-00-12
180-00-08
124-50-28
304-50-26

2) 45-05-34
225-05-30
169-55-55
349-55-51

3) 90-07-16
270-07-20
214-57-42
34-57-36

4) 135-09-14
315-09-08
259-59-38
79-59-32
Avg = 124-50-21'

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76F3095 CE#310 3-68

Profile No.	Notes Red	Plotted	Job No. 5749.35	Division No. 45		F. B. 3287	PG. 251
	Date	Date	Survey of W.W. Dist. #29				
X-Sec. No.	Notes Chk'd.	Checked	Survey by Burkholder	Notes D.L.B.	Date 1-31-80		
	Date	Date	Map No.	Indexed H. HOLMAN	Date FEB 14 1980		

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

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

J.N. 5749.35

WATER WORKS
DIST. #29

PROFILE ON NEW MON'S.
℄ 30" WATER LINE
ON
PACIFIC COAST HWY
from: BEL AIRE BAY CLUB RD.
to: SUNSET BLVD.
See Pg 239 for HORIZ. CONTROL

Burkholder
Goble
Wacker
Caro

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
(Fd) BM 48-49				19.401 / 19.423	1976 / BM. 48-49, 1964 Adj. Elev. = 19.423, F.B. 1369-43 (Topanga Cyn. G-8, City of L.A. BM. 14-03510) on Pacific Coast Hwy, In front of Bel Air Bay Club 144± NE'ly of ℄ Int. of Pac. Coast Hwy and Private Rd. to Bel Air Bay Club, 3± N. of Center Line Stripe. A City of Los Angeles Traverse Station Monument in H.H. with Lid.	
	6552	26 043 / 25 975				
PT # 1			5698	20 345 / 20 277	PT #1 PER F.B. 3287-242	
T.P.	4923	25 268 / 25 200	5043	20 225 / 20 157		
T.P.	5212	25 437 / 25 369	5525	19 912 / 19 844		
PT # 2	4560	24 472 / 24 404	5357	19 115 / 19 047	PT #2 PER F.B. 3287-243	
T P	5678	24 793 / 24 725	4050	20 743 / 20 675		
T P	6590	27 333 / 27 265	3230	24 103 / 24 035		
PT # 3	6210	30 313 / 30 245	5542	24 771 / 24 703	PT #3 PER F.B. 3287-244	
(Fd) BM 48-51 PI #11	5735	30 506 / 30 438	6488	24 018 / 23 950	Pg 224 / BM 48-51 (PI #11) 1964 Adj. El. = 23.989, F.B. 1369-45 (L.A. City 14-03610) Pac. Coast Hwy @ the P.I. 2.04 Mi. N.W'ly of W. Channel Rd. A hex bar in L.A. Co. Engr. Well, F.B. 3287-224	24-078
# 4	3597	27 615 / 27 547	5753	21 862 / 21 794	#4 PER FB 3287-245	
# 5	6052	27 914 / 27 846	5382	22 532 / 22 464	#5 PER FB 3287-245	
# 5 A	6053	28 585 / 28 517	1578	12 805 / 12 74	Ch "+" on 30" Water Line	Per F.B. 3287-245
# 6			5332	23 255 / 23 185	#6 PER FB 3287-245	
# 6 A	6485	29 738 / 29 670	1726	12 478 / 12 41	Ch "+" on 30" Water Line	Per F.B. 3287-245
# 7			5397	24 341 / 24 273	#7 PER FB 3287-246	
# 8	5958	30 299 / 30 231	6060	24 239 / 24 171	#8 PER FB 3287-246	
# 9	5703	29 942 / 29 874	6083	23 859 / 23 791	#9 PER FB 3287-246	
	5747	29 606 / 29 538				

F.B. 3287 PG. 252 | Job No. 5749.35 | Division No. 45 | Notes Red | Plotted | Profile
Survey of W.W. Dist. #29 | Date 1-31-80 | Date | No.
Survey by Burkholder | Notes D.L.B. | Notes Chk'd. | Checked | X-Sec.
Indexed | Date | Date | No.

76-L-298 CE 307 8-70

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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.	
		29 606		16 646	
# 9A		29 538	12 96	16 58	Ch "t" on 30" Water Line Per F.B. 3287-246
				23639	
# 10			5 967	23571	# 10 PER FB 3287-247
		29 241		16001	
# 10 A	5602	29 173	13 24	15 93	Ch "t" on 30" Water Line Per F.B. 3287-247
				22378	
# 11			6 363	22 810	# 11 PER FB 3287-247
		28 343		22426	
# 12	5465	28 275	5 917	22 358	# 12 PER FB 3287-247
		27 444		21659	
TP	5018	27 376	5 785	21591	
		26 969		20269	
PT # 13	5310	26 901	6 700	20201	PT # 13 PER FB 3287-248
		26721		21193	
TP	6452	26 653	5 528	21 125	
		26 253		21233	
TP	5060	26 185	5 020	21 165	
(set)		25881		19608	
B.M	4648	25 813	6 273	19540	BM Elev. = Pacific Coast Hwy & Sunset Blvd. on S'ly Prod of Sunset Blvd. 100' S'ly of Int. A L.A. City Traverse Sta Stmpd. "F-8-C Ecc #1, 1973" in well with Lid
		24 940			
	5232	24 872			
				18 182	
(Fd) BM 48-53			6683	18 089	BM 48-53 (L.A. City 14-02430) 1964 Adj. Elev. = 18.096 (18.153 1976), Pacific Coast Hwy & Sunset Blvd. ℄ Approx. & Int. A hex bar in well with Lid. F.B. 3287-20,36.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5749.35 Division No. 45 F.B. 3287 Pg. 253
X-Sec. No. ____ Notes Chk'd ____ Date ____ Checked ____ Date ____ Survey of W.W. Dist. # 29 Survey by Burkholder Notes D.L.B. Date 1-31-80
Date ____ Map No. ____ Indexed H. HOLMAN Date FEB 14 1980