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

F.B. 2659 Pg.

	Job	Description
		WATERWORKS DIST. #29 5294.16
2	C.L.	Ties on Pacific Coast Hwy. from west bdry. of City of L.A. to Topanga Cyn. Rd.
6	C.L.	Ties on Washington Blvd. & Palms Ave.
6	Topog.	Loc. Imp. & X-Sec. on Palms Ave. from Electric Ave. to Washington Blvd. from Palms Ave. to Millwood Ave.
8	C.L.	C.L. ties of Pacific Coast Hwy at W. bdry of City of L.A. at Sta. "N-64".
7	Topog.& X-Sec.	Loc. Imp. & X-sec. on Pacific Coast Hwy. from west bdry of City of L.A. to Topanga Cyn. Rd.
1	Lines	Traffic stripping on Pacific Coast Hwy. from west bdry. of City of L.A. to Topanga Cyn. Rd.
20	C.L.	Of Pacific Cast Hwy from Topanga Cyn. Rd. to Big Rock Drive.
24	C.L.	Of Pacific Coast Hwy from Big Rock Drive to Las Flores Cyn.
26	C.L.	Of Pacific Coast Hwy. from Las Flores Cyn. to Carbon Cyn. Rd.

Microfilmed June 85

(cont'd on next page)

F.B. 2659 Pg.

Page	Job	Description
151-160	C.L.	Of Pacific Coast Hwy. from Carbon Cyn. to Malibu Colony at Sta. Las Flores B-9-A.
161-168	C.L.	Of Pacific Coast Hwy. from Malibu Colony (Las Flores B-9-A) to Malibu Cyn. Rd.
201-208	Topog.	Loc. Imp. & X-Sec. at Topanga Creek Bridge & Pacific Coast Highway.
209-213	Topog.	Loc. Imp. & X-Sec. at Tuna Cyn. Bridge & Pacific Coast Highway.
215-223	Topog.	Loc. Imp. & X-Sec. at Las Flores Cyn Bridge & Pacific Coast Highway.
225-230	Topog.	Loc. Imp. & X-Sec. at Carbon Cyn. Creek Bridge & Pacific Coast Highway.
231-239	Topog.	Loc. Imp. & X-Sec. at Malibu Creek Bridge & Pacific Coast Highway.
241-242	Topog.	Of SW Wing Wall at Las Flores Creek Bridge.
243-244	C.L.	Monumenting P.I. #22 on Pacific Coast Hwy.
245-246	Ties	on fd. spike near E.C. West of P.I. 52 on Pacific Coast Hwy.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
405 Los Angeles County Engineering Bldg.
DO NOT ERASE THIS SIDE OF THIS TAG.
Note: Any Additions or Changes on this Sheet Must be Made in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of	F. B. PG. 3
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

INDEX F.B. 2659

PAGE	
5-12	℄ Ties on PACIFIC COAST HWY. from WEST BDRY. CITY of L.A. to TOPANGA CYN. RD.
13-16	℄ Ties on Washington Blvd. & Palms Ave.
17-20	Topo. on Palms Ave. from Elec. Ave. to Washington Blvd. - on Wash. Blvd. from Palms Ave. to Milwood Av.
21-26	X-Sections of above.
41-52	Topo. on Pac Coast High. from West Bdry. of City of L.A. to Topanga Canyon Rd.
53-68	X-Sections of above.
69-74	Traffic Stripping from West Bdry of City of L.A. to Topanga Cyn. Rd.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S S&E #247 11-58

Notes Ck'd by W. Brenner	Survey of Wtr. Work's Dist #29	F. B 2659 Pg. 5
Map No. B-2868-1	JN 5294.16 Tape 0166 Std 68° °F	
Office Work G. D. BAILEY	Surveyed by Mankey Jr.	
Checked W. J. BRENNER	Notes ETM Jr. Date 7-20-[illegible]	
Date MARCH, 1964	Indexed R. E. OTT AUG 1 [illegible]	

JN 5294.16

WATER WORKS DISTRICT #29

℄ TIES
on
PACIFIC COAST HWY
from
WEST BOUNDARY of the CITY of L.A.
to
TOPANGA CYN. ROAD.

Mankey Jr.
Voge
Swann
L. Jones
Dover

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

Do not extend notes this side of this line.

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

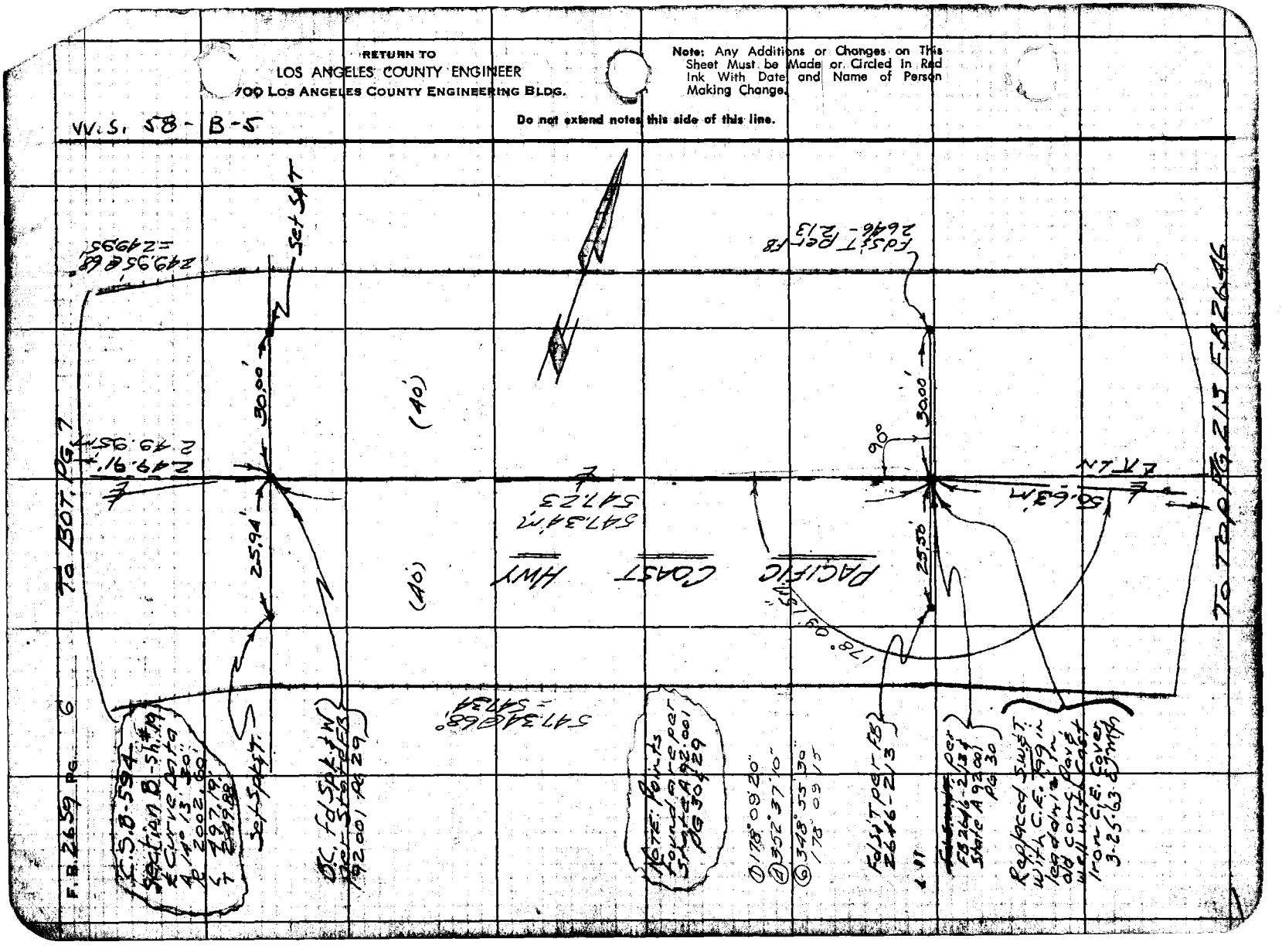
763095 CE #247—7-58

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

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

Do not extend notes this side of this line.

VV.S. 58 - B-5



Notes Ck'd by W. Brenner
Map No. B-2868-1
Office Work G. D. BAILEY
Checked W. J. BRENNER
Date MARCH 1964

Survey of W'tr. Works Dist. 29
N 5294.16 Tape 0.66 Std 68° °F
Surveyed by Mankey Jr.
Notes ETM 4-12 Date 7-27-60
Indexed M. E. Ott

F. B. 2659 Pg. 7

To Bot Pg 8

W.S. SB-B-5

230.33' @ 66°

230.32'
230.33'

HWY Traverse to T.C. D-8.

Set S&T

A.C.C.

23.88'

30.00'

Set S&T

State Hwy Sta Traverse
207+55.62
P.C.C. fd. 3 W&T
per STATE RS
A 92001 Pg 28
0.03 N. of line
C.S.B. 594
Section B - Sh. 19

Set S&T on Lmprod from East on Traverse INTR. 4-12-61 ETM

NOTE: Point shown as per State RS A-92001 Pg 29

① 153° 33' 00"
② 276° 12' 40"
③ 237° 18' 40"
153 33 37

① 165° 47' 10"
② 303° 09' 00"
③ 271° 41' 00"
165 47 10

① 31° 17' 20"
② 127° 09' 20"
③ 190° 44' 20"
31° 47' 23"

(40')

(40')

COAST

73.01'

1.59°

2-19.94'
2199.27 @ 68°

① 38° 01' 20"
② 152° 05' 10"
③ 228° 07' 52"
38° 01' 18"

38° 01' 18"

14.79'

6.30

9° 47' 20"

165° 47' 20"

7.23'

Set S&T on Bisector

40.02'

14.25'

Set S&T on Bisector

TOPANGA CYN. D-7A
Fd Std Trav. Disc Under Cover Stamped "TOPANGA CANYON D-7A" FB 10670-1.89

P.I. 19
Fd S.W.&T. on State FB A-92001 Pg 29.

Replaced S.W.&T. with a Std. C.E. Brass Cap Monument well stamped as shown with a Cast Iron C.E. Cover 3-26-63 ETM

PACIFIC

249.91'
240.53'

To Top Pg 8

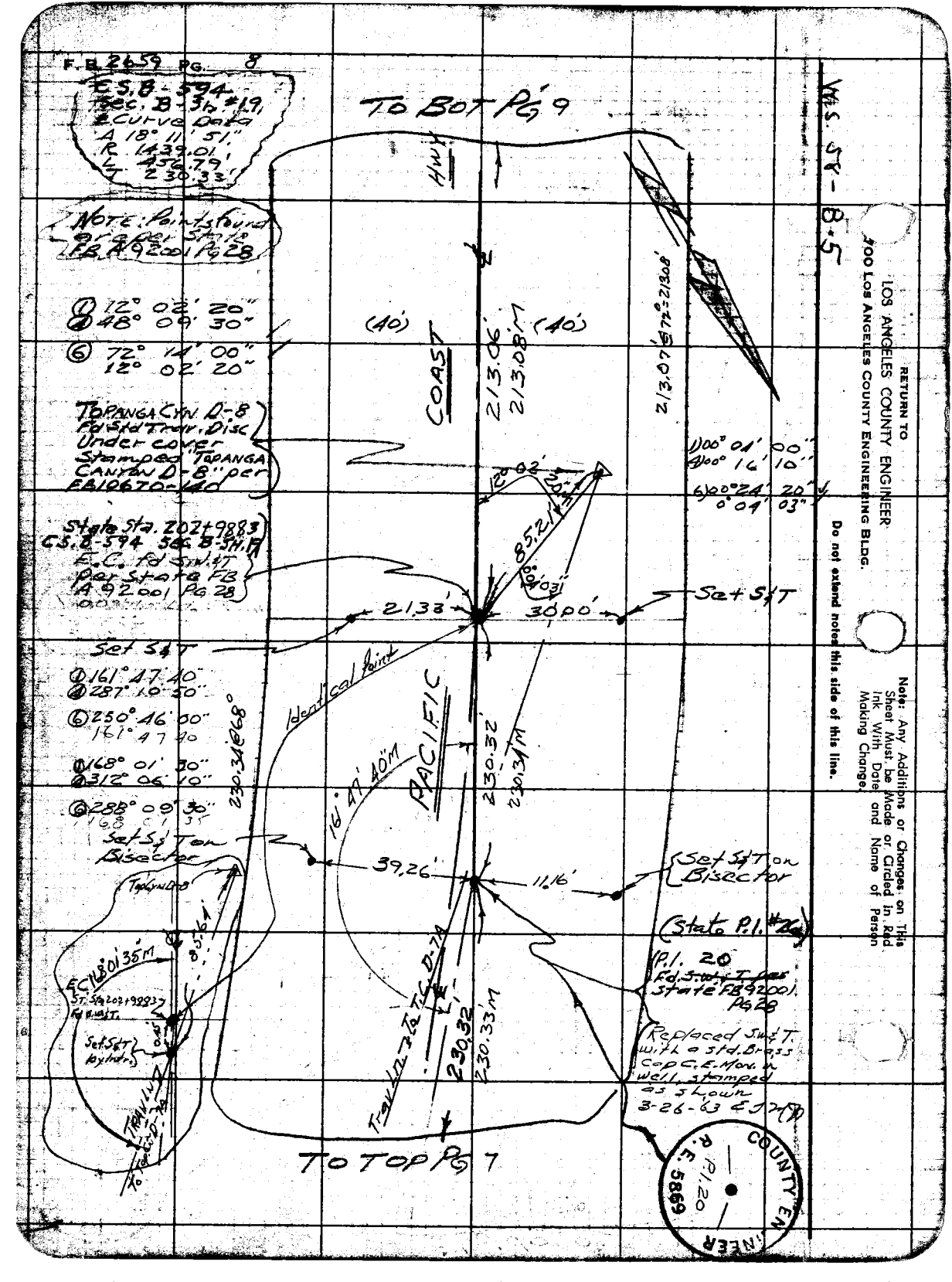
COUNTY ENGINEER
R.E. 6889
19

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

Do not extend notes this side of this line.

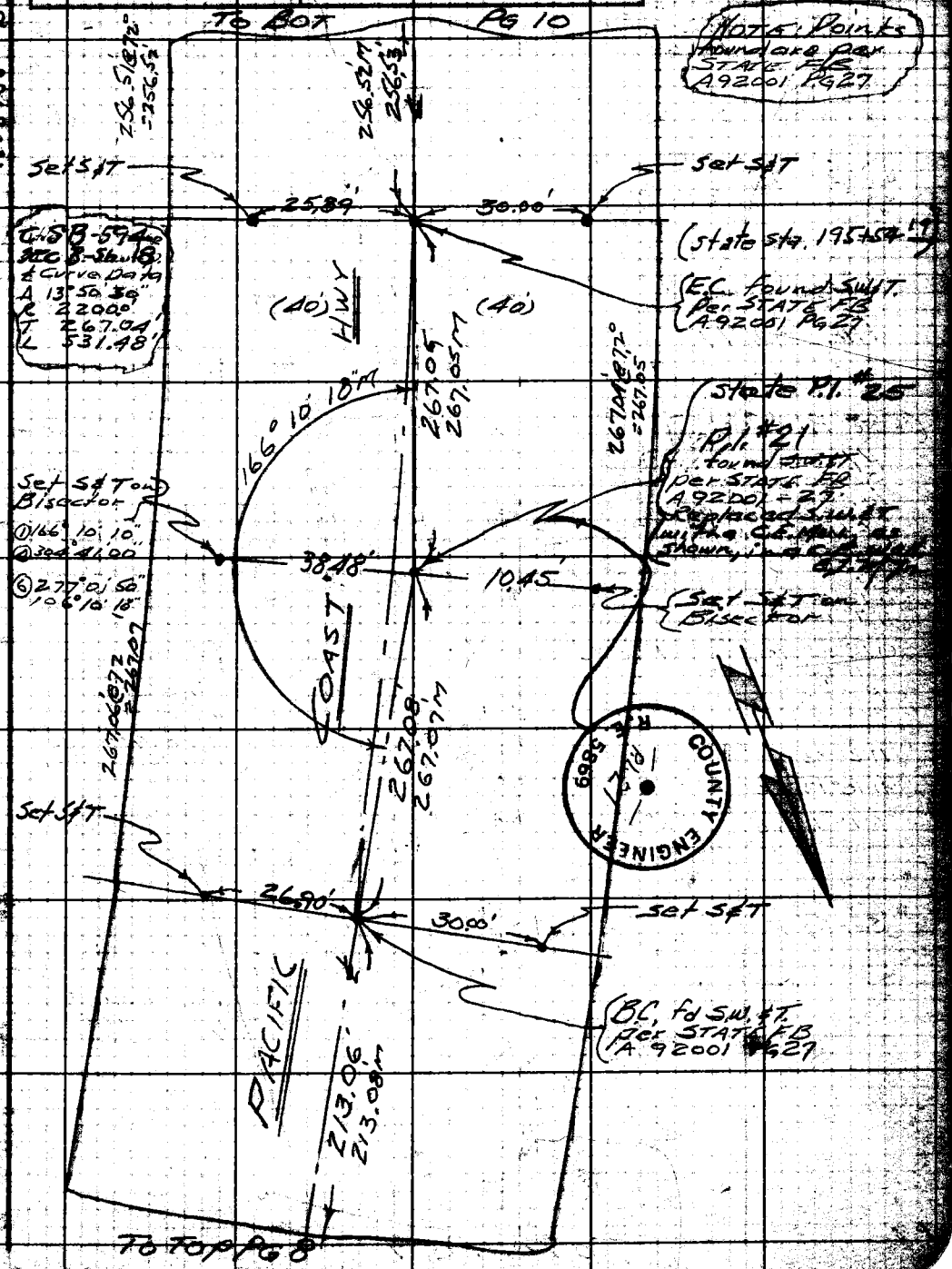
RETURN TO
LOS ANGELES COUNTY ENGINEER
00 LOS ANGELES COUNTY ENGINEERING BLDG.

76308 CE #247 7-55


F.B. 2659 PG. 8
C.S.B-594
Sec. B-3h #19
℄ Curve Data
A 18° 11' 51"
R 1439.01'
L 456.79'
T 230.33'
NOTE: Points found are per State FB A92001 Pg 28
① 12° 02' 20"
④ 48° 09' 30"
⑥ 72° 14' 00"
12° 02' 20"
TOPANGA CYN. D-8
Fd Std Trav. Disc
Under cover
Stamped TOPANGA
CANYON D-8" per
FB10670-140
State Sta. 202+9883
C.S.B-594 Sec. B-3H.19
E.C. Fd S.W.&T
per State FB
A 92001 Pg 28
Set S&T
① 161° 47' 40"
④ 287° 10' 50"
⑥ 250° 46' 00"
161° 47' 40"
① 168° 01' 30"
④ 312° 06' 10"
⑥ 288° 09' 30"
168° 01' 35"
Set S&T on Bisector
TopCyn D-8
EC 168° 01' 35" M
ST. Sta 202+9883
Fd S.W.&T.
Set S&T by Intr.
TRAV LN
To Top Cyn D-7A
TO BOT PG 9
HWY
COAST
(40')
213.06'
213.08' M
(40')
213.07' @ 72° = 213.08'
12° 02' 20"
85.21'
0° 04' 03"
21.33'
30.00'
Set S&T
Identical Point
PACIFIC
230.34 @ 68°
161° 47' 40" M
230.32'
230.34' M
39.26'
11.16'
Set S&T on Bisector
(State P.I. #26)
P.I. 20
Fd. S.W.&T. per State FB 92001 Pg 28
Replaced S.W.&T. with a Std. Brass Cap C.E. Mon. in well, stamped as shown 3-26-63 EJM
Trav Ln. To T.C. D-7A
230.32'
230.33' M
TO TOP PG 7
W.S. 58-B.5
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
COUNTY ENGINEER
P.I. 20
R.E. 5869

Notes Ck'd by W. Brenner	Survey of Wtr. Works Dist. #29
Map No. B-2868-1	JN 5294.16 Tape 0166 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Monkey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 7-22-60
Date MARCH 1964	Indexed H. E. OTT

F. B. 2659 PG. 9

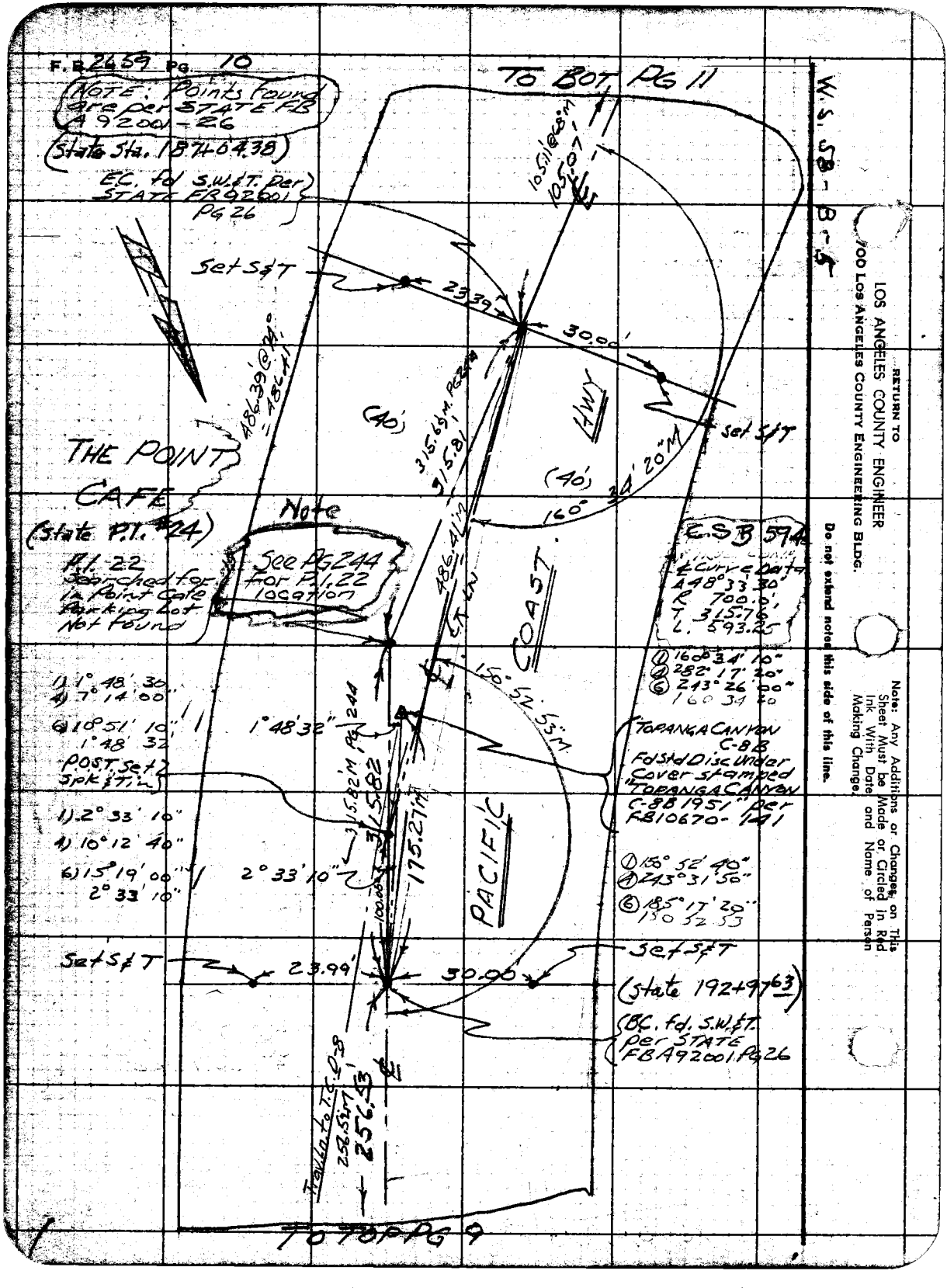


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

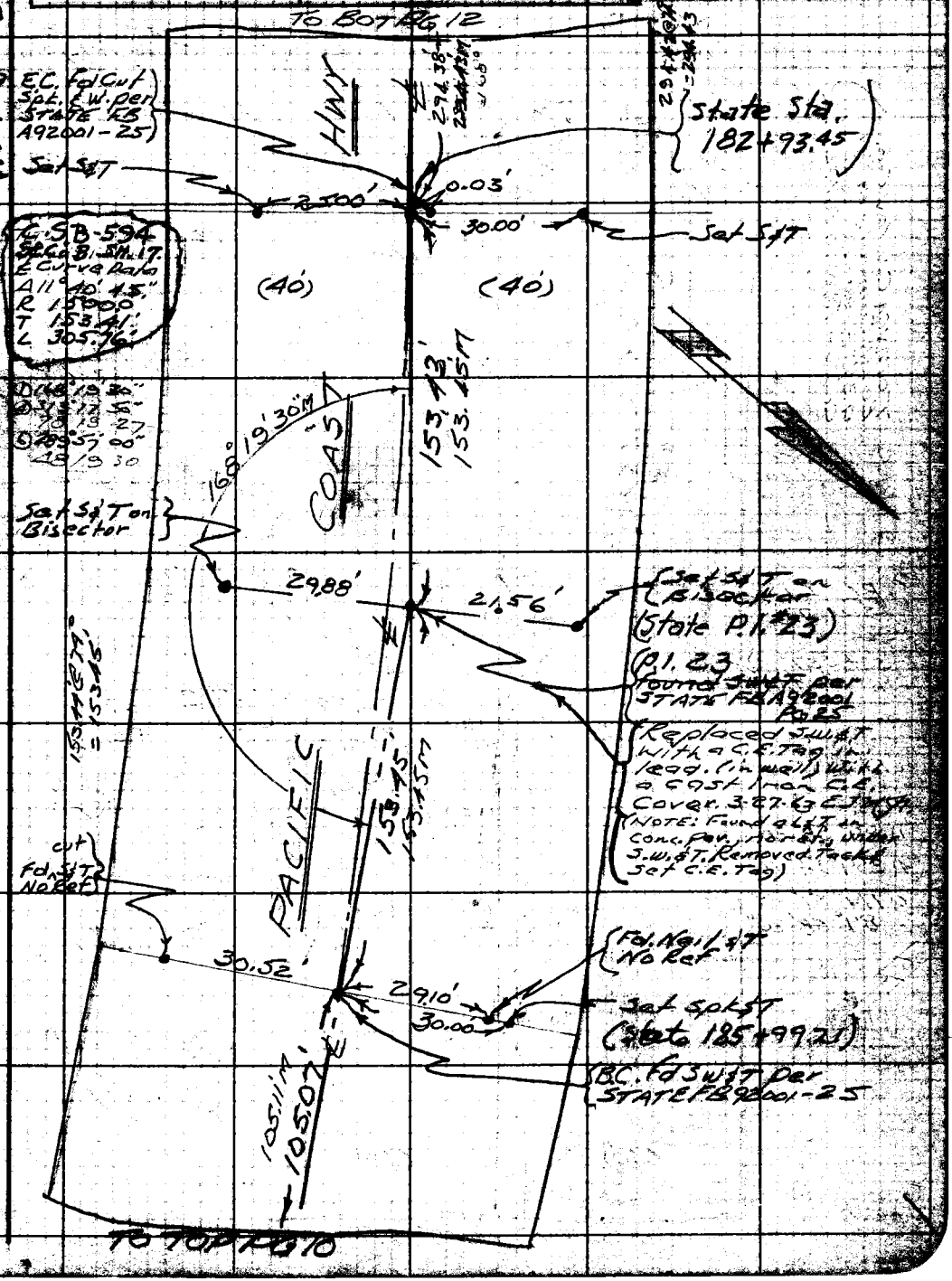
763095 CE #247—7-59


F.B. 2659 PG. 10
NOTE: Points found are per STATE FB A92001-26
(State Sta. 187+04.38)
E.C. fd S.W.&T. per STATE FB92001 PG 26
TO BOT PG 11
W.S. 58-B-5
Set S&T
23.39'
30.00'
105.11'@68°M
105.07'
486.39'@74° = 486.41'
(40')
315.65'M. PG 244
315.81'
HWY
Set S&T
(40')
160° 34' 20"M
THE POINT CAFE
(State P.I. #24)
Note
See PG 244 for P.I. 22 location
P.I. 22 Searched for in Point Cafe Parking Lot Not found
486.41'M
℄ Tin
COAST
C.S.B 594
℄ Curve Data
Δ 48° 33' 30"
R 700.0'
T 315.76
L 593.25
① 160° 34' 10"
④ 282° 17' 20"
⑥ 243° 26' 00"
160 34 20
1) 1° 48' 30"
4) 7° 14' 00"
6) 10° 51' 10"
1° 48' 32"
POST Set Spk & Tin
1° 48' 32"
150° 52' 53"M
TOPANGA CANYON C-8B
Fd Std Disc Under Cover stamped "TOPANGA CANYON C-8B 1951" per FB10670-141
1) 2° 33' 10"
4) 10° 12' 40"
6) 15° 19' 00"
2° 33' 10"
2° 33' 10"
315.82'M PG 244
315.82
175.27'M
100.00'
PACIFIC
① 150° 52' 40"
④ 243° 31' 50"
⑥ 185° 17' 20"
150 52 53
Set S&T
23.99'
30.00'
Set S&T
(State 192+97.63)
(B.C. fd. S.W.&T. per STATE FB A92001 PG 26
Trav. Ln. to T.C. D-8
256.53'M
256.53'
TO TOP PG 9
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. Brenner	Survey of Wtr. Works Dist #29	F. B 2659 Pg. 12
Map No. B-2868-1	JN 59416 Tape Std °F	
Office Work G. D. BAILEY	Surveyed by Mankey Jr.	
Checked W. J. BRENNER	Notes ETM Jr. Date 7-25-60	
Date MARCH 1964	Indexed H. E. OTT	

NOTE: Pts. found are per STATE FB A92001-25

W.S. 58 - B-3

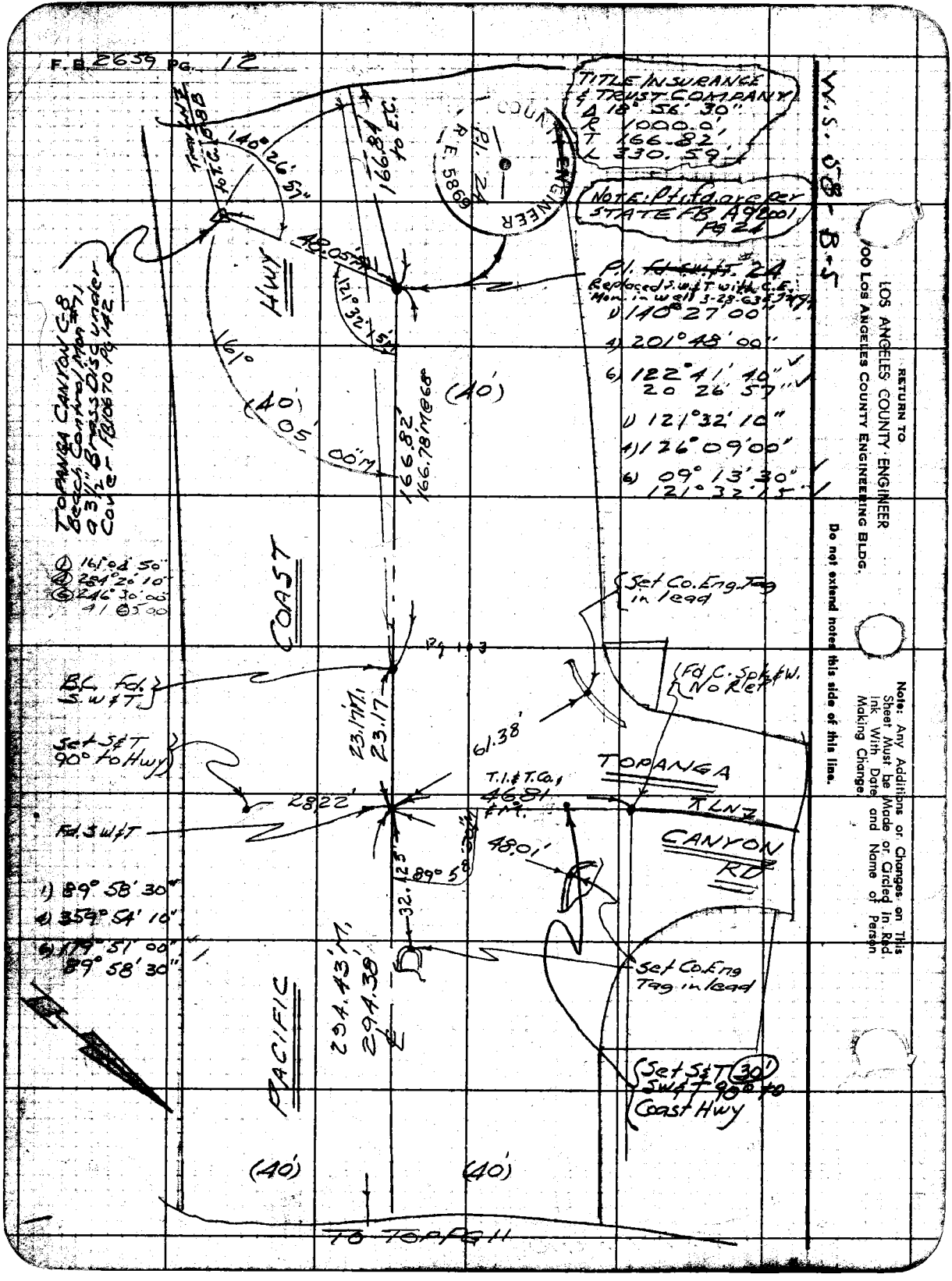


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

768095 CE #247—7-53


F.B. 2659 PG. 12
TITLE INSURANCE & TRUST COMPANY
Δ 18° 56' 30"
R 1000.0'
T 166.82'
L 330.59'
NOTE: Pt. fd. are per STATE FB A9/2001 Pg 24
P.I. 24
R.E. 5869
COUNTY ENGINEER
W.S. 58-B-5
P.I. ~~fd. S.W.&T.~~ #24
Replaced S.W.&T with C.E. Mon. in well 3-28-63
1) 140° 27' 00"
4) 201° 48' 00"
6) 122° 41' 40"
20 26' 57"
1) 121° 32' 10"
4) 126° 09' 00"
6) 09° 13' 30"
121° 32' 15"
140° 26' 57"
166.84' to E.C.
48.05'
121° 32' 15"
HWY
161°
(40')
05' 00"
166.82'
166.78' M @ 68°
(40')
TOPANGA CANYON C-8
Beach Control Mon #71
a 3½" Brass Disc under Cover FB 10670 Pg 142
1) 161° 04' 50"
4) 284° 20' 10"
6) 246° 30' 00"
41 05 00
COAST
Set Co. Eng. Tag in lead
Pg 103
B.C. fd. S.W.&T.
Fd. C. Spk. & W. No Ret
23.17' M.
23.17
61.38'
Set S&T 90° to Hwy
TOPANGA
T.I.&T.Co.
46.81 ℄ M.
28.22'
Fd. S.W.&T
CANYON RD
48.01'
89° 58' 30"
32.125'
1) 89° 58' 30"
4) 359° 54' 10"
6) 179° 51' 00"
89° 58' 30"
294.43' M.
294.38'
Set Co. Eng Tag in lead
PACIFIC
Set S&T 30' S.W.&T. 90° to Coast Hwy
(40')
(40')
TO TOP PG 11
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WtrWorksDist #29
Map No.	JN 5294.16 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date 7-29-60
Date	Indexed H. E. OTT AUG 3 '60

F. B. 2659 PG. 73

JN 5294.16

WATER WORKS DISTRICT #29

℄ TIES on

WASHINGTON BLVD & PALMS AVE

Mankey Jr.
Voge
Swann
L. Jones

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

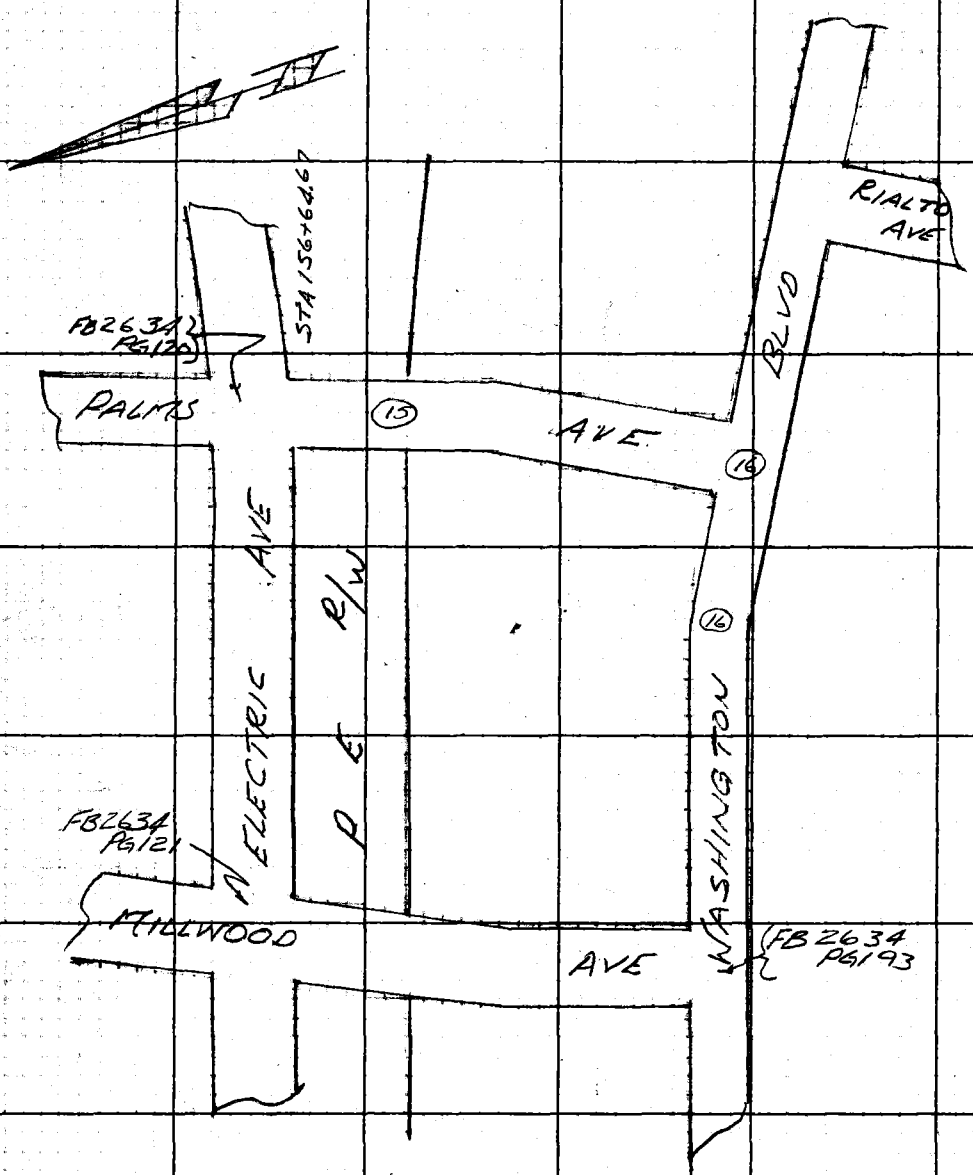
Do not extend notes this side of this line.

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

76809S CE #247—7-53

F.B. 2659 PG. 14

INDEX MAP



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

Do not extend notes this side of this line.

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

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

Survey of Wtr Works Dist #29
JN 5294.16 Tape 088 Std 68° °F
Surveyed by Mankey Jr
Notes EFM Jr Date 7-29-60
H. E OTT
Indexed

F. B. 2659 PG. 15

WS 23 A-2

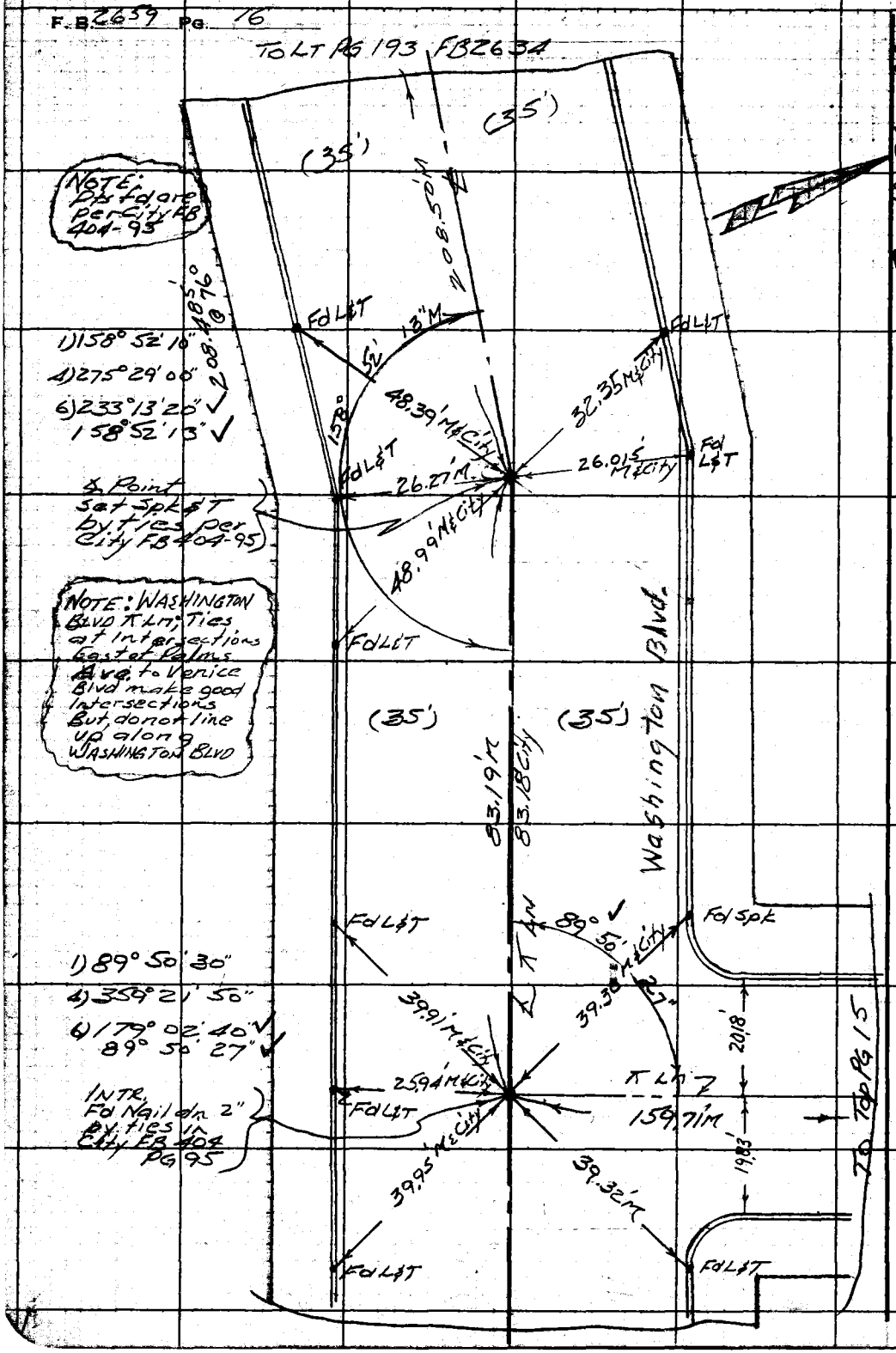
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76C098 CE #247—7-59

F.B. 2659 PG. 16



WS. 23 A-2

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Wtr. Works Dist #29	F. B. 2659 Pg. 17
Map No.	JN 5291.16 Tape Std °F	
Office Work	Surveyed by Mankey Jr	
Checked	Notes ETM Jr Date 8-1-60	
Date	Indexed H. E. OTT	

JN 5291.16

WATER WORKS DISTRICT #29

TOPOGRAPHY

on

PALMS AVE from ELECTRIC AVE to WASHINGTON BLVD

and

WASHINGTON BLVD from PALMS AVE to MELWOOD AVE.

Mankey Jr
Voge
Swann
L. Jones

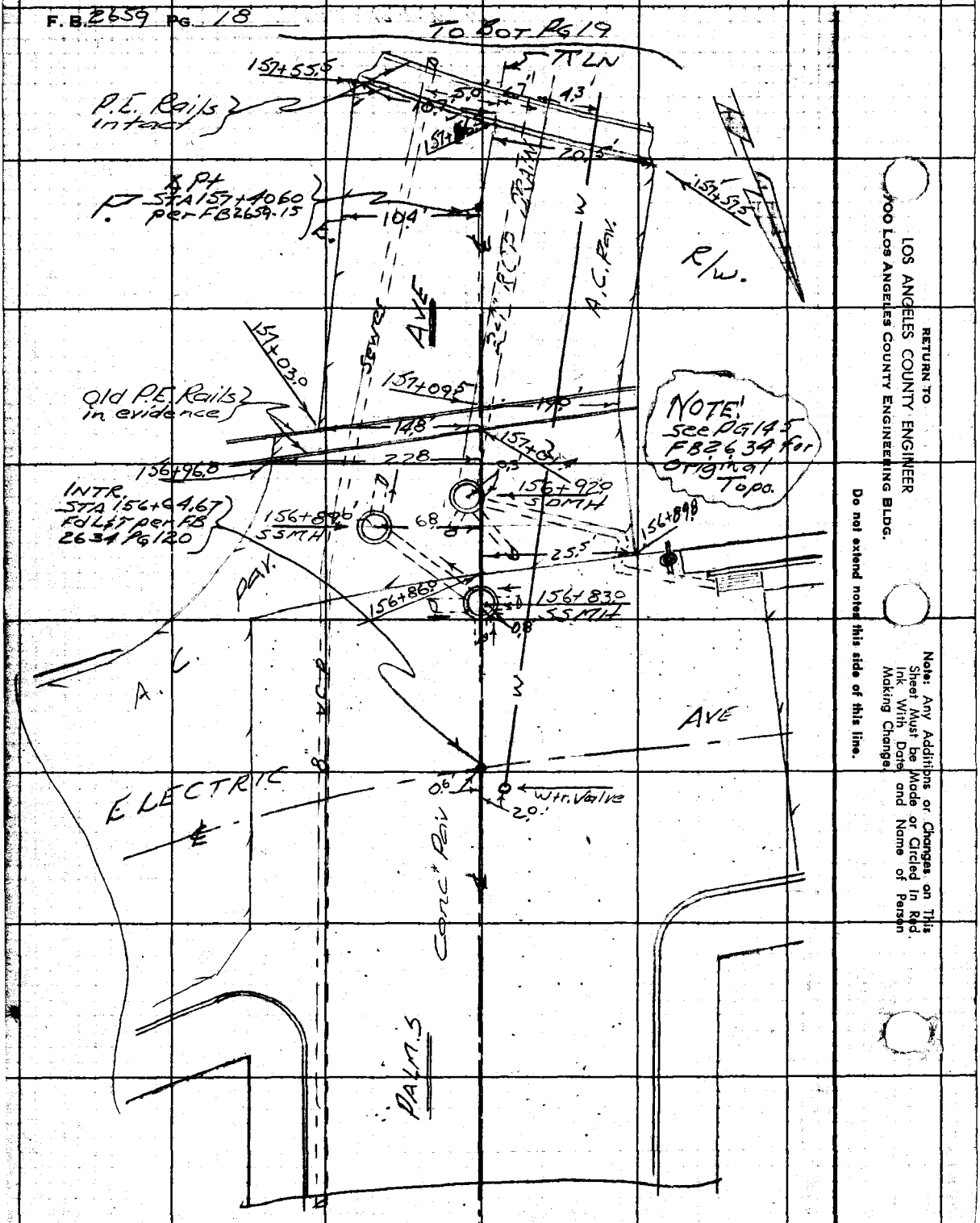
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

768098 CE #247—7-53

F. B. 2659 PG. 18



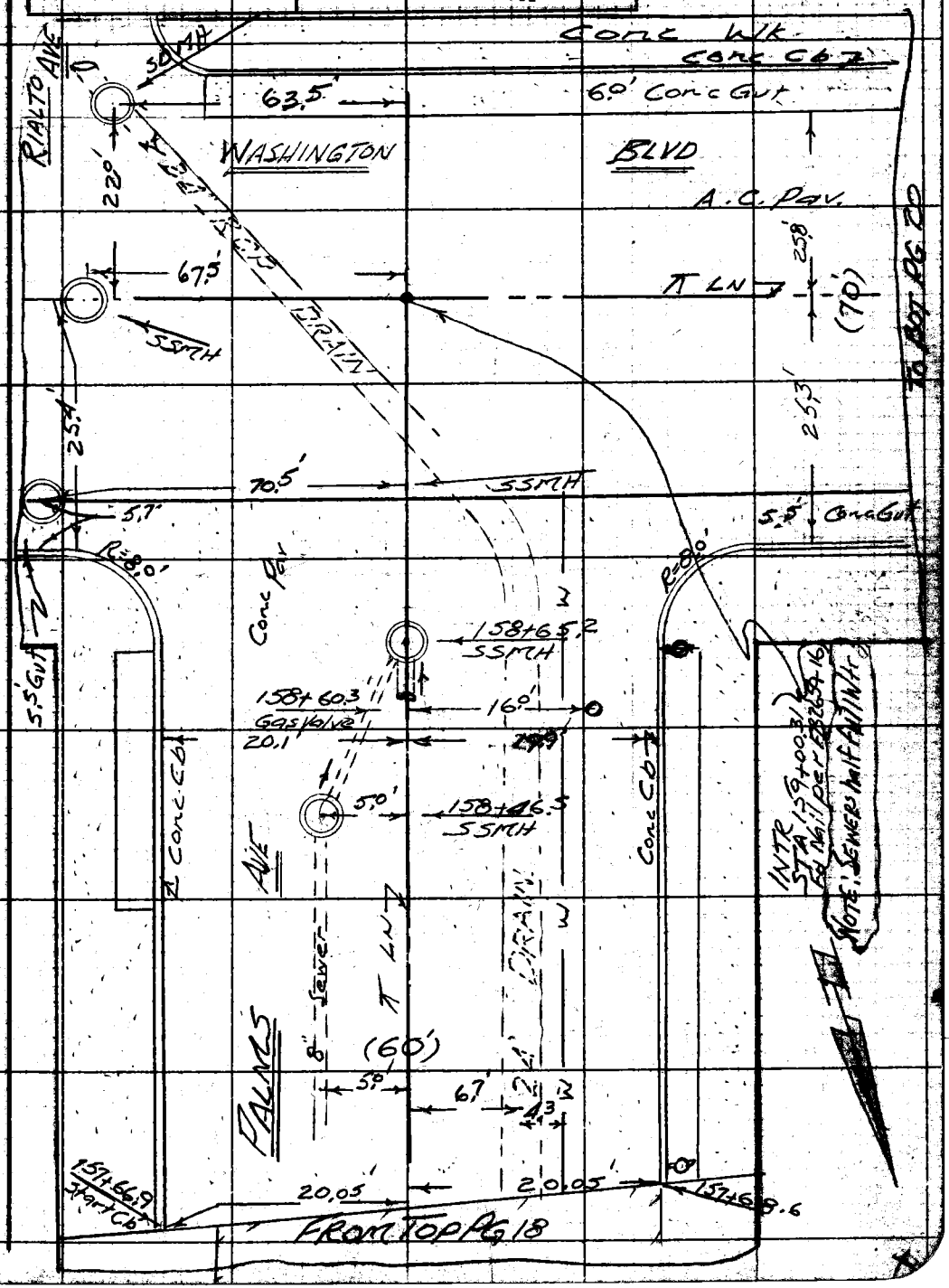
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Wtr Works Dist #29
Map No.	JN 5294.16 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes EFM Jr. Date 5/1/60
Date	Indexed H. E. OTT

F. B. 2659 PG. 19



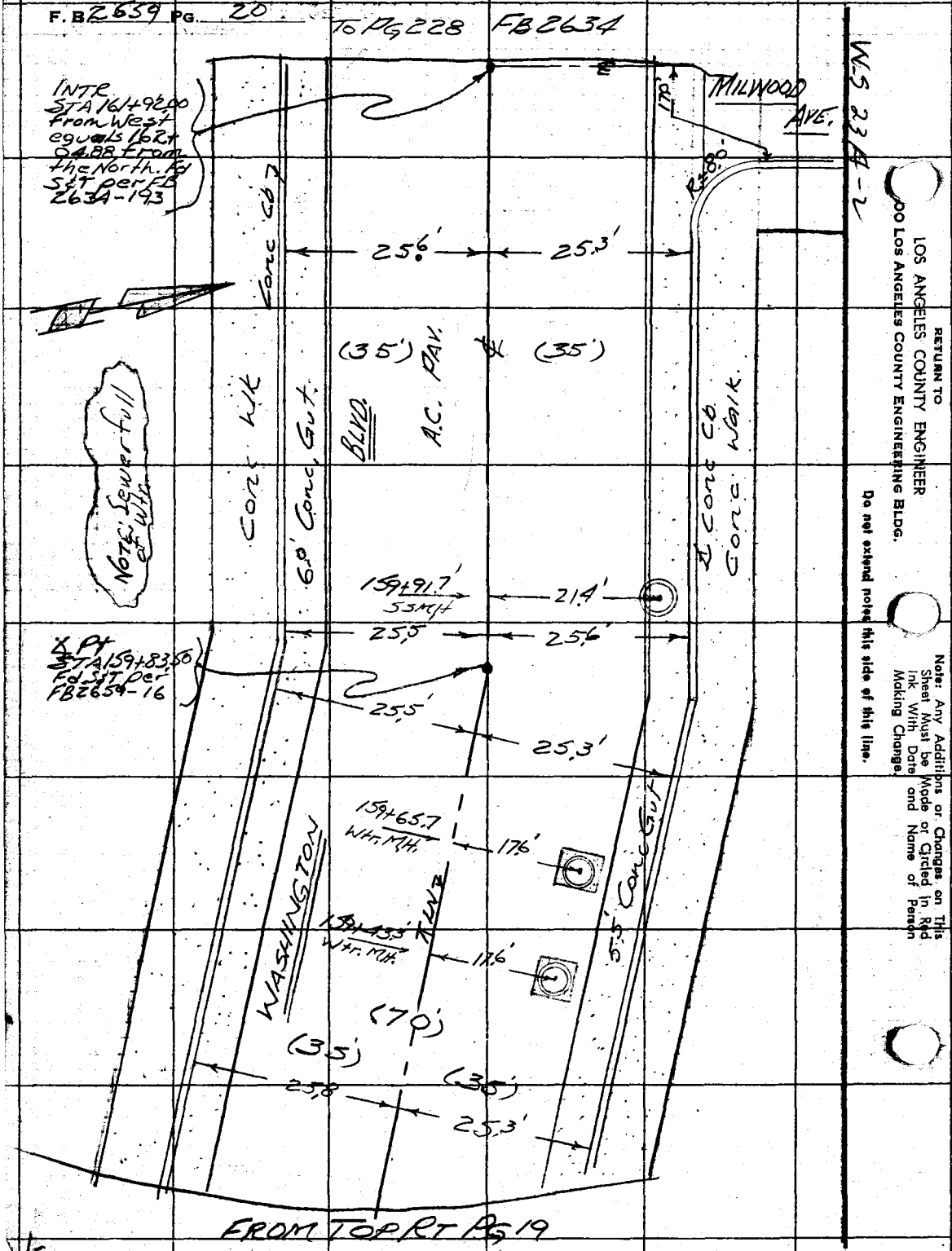
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76808 CE #247—7-58

F. B 2639 PG. 20 TO PG 228 FB 2634



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

Do not extend notes this side of this line.

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

F. B. 2659 Pg. 21

Profile No. ____ X-Sec. No. ____
Notes Red ____ Date ____ Notes Chkd ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 529416 Division No. ____
Survey of Wtr Works Dist #29
Survey by Mankey Jr. Notes ETM Date 8-2-60
Map No. ____ Indexed H. E. OTT Date ____

JN 529416

WATER WORKS DISTRICT #29

X-SECTIONS
on
PALM AVE from ELECTRIC AVE
to WASHINGTON BLVD
on
WASHINGTON BLVD from PALM AVE
to MILWOOD AVE

Mankey Jr
Voge
Swann
L. Jones
Manley

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

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

Do not extend notes this side of this line.

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

76L-298 S & E #307—1-58

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PALMS AVE	
					LT & East	℄ Palm Ave RT & West
BM (Fd)				7.16	BM EL 7.16' FB2634 ELECTRIC AVE & PALM AVE N.E. COR. Spk in lead 8' N. of the N. end Ch. Ret.	
156+64.67	INTR PALMS & ELECTRIC			8.06'		℄ Conc Pav
"				7.71'		20' Conc Pav
"				7.77' Rim EL	20' Conc Pav.	
156+83.0	SSMH			8.61'		0.8' Rim
	See FB 2634 for INVERTS					
156+86.0	Edge Conc Pav.			8.69' Rim EL	℄	
156+89.6	SSMH			8.75'	6.8' Rim	
	See FB 2634 for INVERTS					
156+89.8	Cor Pav.			7.97' Rim EL		25.5 Conc. Pav
156+92.0	SDMH			8.78'	0.3' Rim	
	See FB 2634 for INVERTS					
156+96.8	Cor Pav			9.0'	22.8' Cor. Pav.	
157+40.60	∡ Pt			9.1'	℄	
"				9.1'		20' edge pav
"				9.1'	10.4' edge pav	

F. B. 2659 PG. 22

Job No. 5294.16 Division No. Notes Red Plotted Profile

Survey of Wtr Works Dist #29 Date Date No. X-Sec.

Survey by ETM Jr Notes Mankey Jr. Notes Chkd Checked No.

Indexed H. E. Ott Date Date Date

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PALMS AVE LT & E.	⊼ in Palms RT. & W.
157+40.60	∡ Pt			9.1'		⊼
157+66.9	Start of Cb			8.61'	20.1' Gut	
"	"	"	"	8.82'	Cb	
157+68.6	"	"	"	8.55'		20.1' Gut
"	"	"	"	8.75'		" Cb
158+00				7.98'		⊼ Conc Pav.
"				7.75'		20.1' Gut
"				7.98'		" Cb
"				7.74'	20.1' Gut	
"				7.98'	" Cb	
158+46.5	SSMH			Rim EL 6.86'	5.0' Rim	
	INVERT on 8" Inlet on No.				6.91' Rim to flow line	8" Inlet
	" " " Outlet to S.W.				8.02' " " " "	8" Outlet
158+65.2	SSMH			Rim EL. 6.46'		⊼ Rim
(Flooded)	INVERT in CTR. of M.H.				7.65' Rim to flow line	
	N. end N.W.C.R. Palm Ave & Washington			6.06'		19.9' Cb.
	" " " " "			5.86'		" Gut,
	W " " " "			5.90'		27.9 Cb.
	" " " " "			5.47'		" Gut.

Profile Notes Red. ____ Plotted ____ Job No. 5294.16 Division No. ____ F. B. 2659 Pg. 23
No. ____ Date ____ Date ____ Survey of Wtr Works Dist #29
X-Sec. Notes Chkd. ____ Checked ____ Survey by Hankey Notes ETM Jr Date 8-2-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Palms Ave	
				6.20	LT & E.	π = πLn RT & W
N end NECR Palms Ave & Washington Blvd				6.45'	20.1' Cb	
" " " " " "				6.13'	" Gvt	
E " " " " " "				6.20'	28.1' Cb.	
" " " " " "				5.73'	" Gvt.	
S.S.M.H. 70.5' LT & E. πLn Palms Ave & 19.7' No. & Washington Blvd						
Flooded				5.53'	70.5' Rim	
INVERT at CTR of MH				2.32'	3.21' Rim to flow line	
159+00.31 INTR. Washington Blvd & Palms Ave				6.1'		π
"				6.0'		40' pav
"				6.3'	40' pav	
					WASHINGTON BLVD	
					LT & So.	π = πLn RT & No
159+00.31 Intr, Washington Blvd & Palms Ave				6.1'		π
"				5.26	22.8' Gvt	F.L.
"				5.37'	25.8' Gvt	
"				5.90	" Cb	

F. B. 2659 Pg. 24
Job No. 5294.16 Division No. Notes Red. Plotted Profile
Survey of Wtr Works Dist #29 Date Date No. X-Sec.
Survey by ETM Jr. Notes Manley Dr Notes Chkd. Checked Date No.
Indexed H. E. OTT Date Date

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	WASHINGTON BLVD LT & SO.	X = ℄	RT & NO.
S.S.M.H. 67.5' East ℄ Palm & on ℄ Washington				Rim EL. 6.10'			
(Flooded) INVERT at CTR. of M.H.					7.90' Rim to flow line		
S.D.M.H. 63.5' East ℄ Palm & 22.9' So. ℄ Washington				Rim EL. 5.75'			
INVERT on 24" Inlet on N.W.				0.39'	5.36' Rim to flow line 24" Inlet		
159+83.50 ∡ Pt.				6.0'		X = ℄	
"				5.12'			23.5' F.L. Gut
"				5.19'			25.5 Gut
"				5.79'			" Cb
"				5.18'	23.5' Gut F.L.		
"				5.29'	25.5 Gut		
"				5.73'	" Cb		
159+91.7 SSMH				Rim EL. 5.35'			21.4' Rim
(Flooded) INVERT at CTR. of M.H.					6.75' Rim to flow line		
160+00				6.0'		℄	
"				5.16'			23.5' F.L. Gut
"				5.14'			25.5 Gut
"				5.75'			" Cb

X-Section on Bisector

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 5294/16 Division No. ____ F. S. 2659 Pg. 25
X-Sec. No. ____ Date ____ Date ____ Survey of Wtr. Works Dist #29
Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes ETM Jr. Date 8-2-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	WASHINGTON BLVD LT & SO.	℄	RT & NO
160+00				5.15'	23.5 F.L. Gut		
"				5.25'	25.5' Gut.		
"				5.73'	" cb.		
161+00				5.7'		℄	
"				5.00'			23.5 Gut F.L.
"				5.02'			25.5' Gut
"				5.54'			" Cb
"				4.90'	23.5' Gut F.L.		
"				5.05'	25.5' Gut		
"				5.67'	" Cb		
				5.50			
E. end NECR, Washington & Milwood Ave				5.50			25.3' Cb
" " " "		"	"	4.95'			" Gut
N " " "		"	"	5.66'			33.3' Cb
" " " "		"	"	5.22'			33.3' Gut
161+92.00 ℄ Intr		"	"	5.5'		℄	
"				4.75'			23.5' Gut
"				4.74'	23.5' Gut		
"				4.85'	25.5' Gut		
"				5.40'	Cb		
BM (Fd)				8.57'	BM EL 8.57' FB 2634 ELECTRIC Ave & Milwood Ave S.E. Cor. Spk in N. Side RP # 1382 BSE 612 E. of E end Ch. Ret		

F. B. 2659 Pg. 26

Job No. 5294.16 Division No. Notes Red. Plotted Profile

Survey of Wtr Works Dist #29 Date Date No. X-Sec.

Survey by E.T.M.J. Notes Mankey Jr Notes Chkd. Checked No.

Indexed E. E. Ott Date Date Date

Notes Ck'd by W. J. BRENNER	Survey of ℄ (W.W.D. Dist #29)
Map No. B-2868-1	JN 0303.00 Tape Std °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes EFM Jr. Date 9-14-60
Date MARCH 1964	Indexed M. E. OTT NOV 15 '60

F. B 2659 PG 27

JN 0303.00

℄

N-64 to COAST HWY ℄

at

WEST BOUNDARY of CITY of L.A.

Mankey Jr.
Voge
Swann
Jones

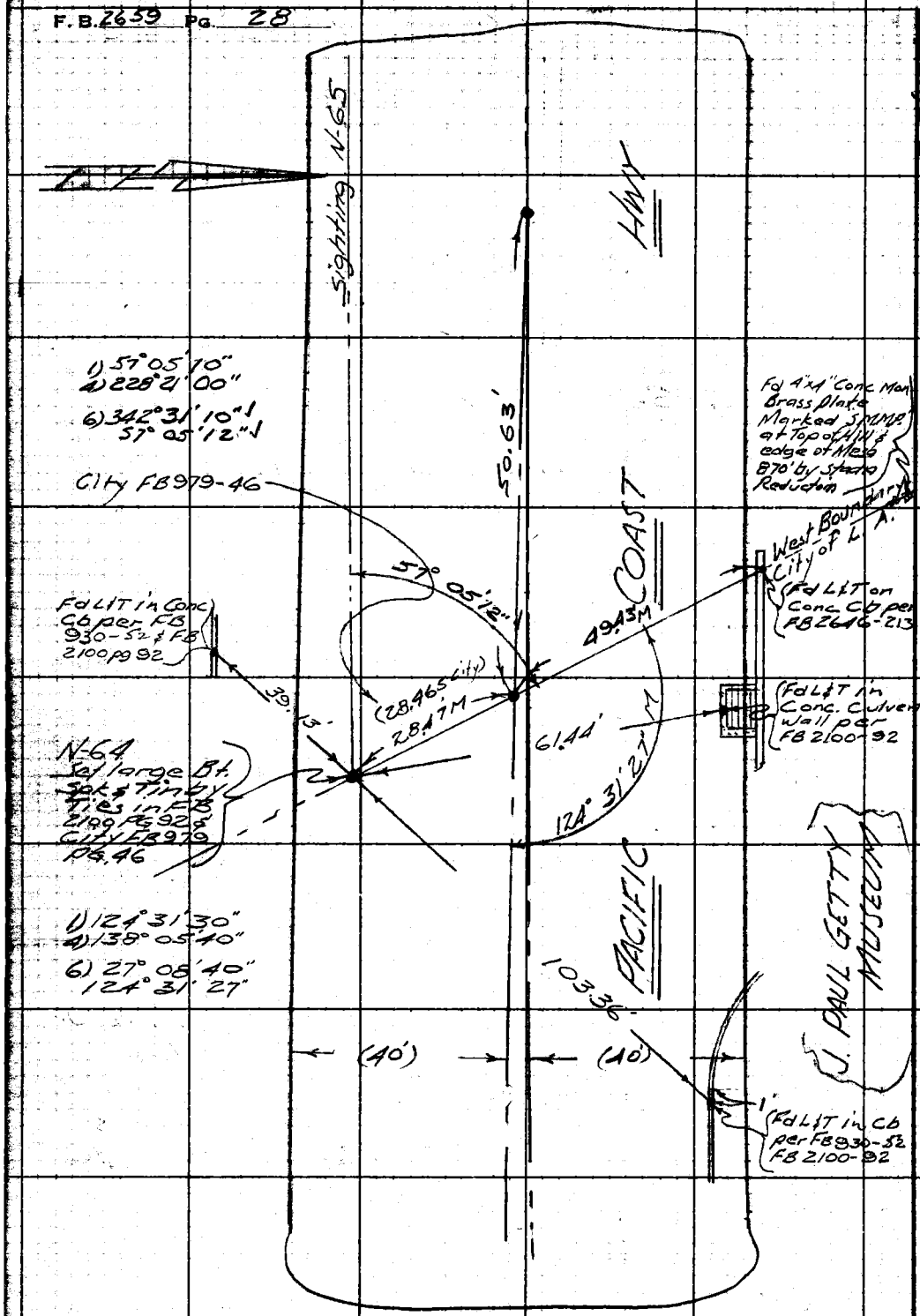
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

TABOR CE #247—7-55

F.B. 2659 Pg. 28



W.S.5R, B-5

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Wtr. Works Dist #29
Map No.	JN 5294.16 Tape Std °F
Office Work	Surveyed by Mankey Jr,
Checked	Notes EFM Jr, Date 7-27-60
Date	Indexed H. E. OTT AUG 1 0

F. B. 2654 PG. 41

JN 5294.16

WATER WORKS DISTRICT #29

TOPOGRAPHY
on
PACIFIC COAST HWY
From
WEST BOUNDARY of the
CITY of LOS ANGELES
to
TOPANGA CANYON ROAD

Mankey Jr.
Voge
Swann
L. Jones

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

Do not extend notes this side of this line.

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

765098 CE #247—7-58

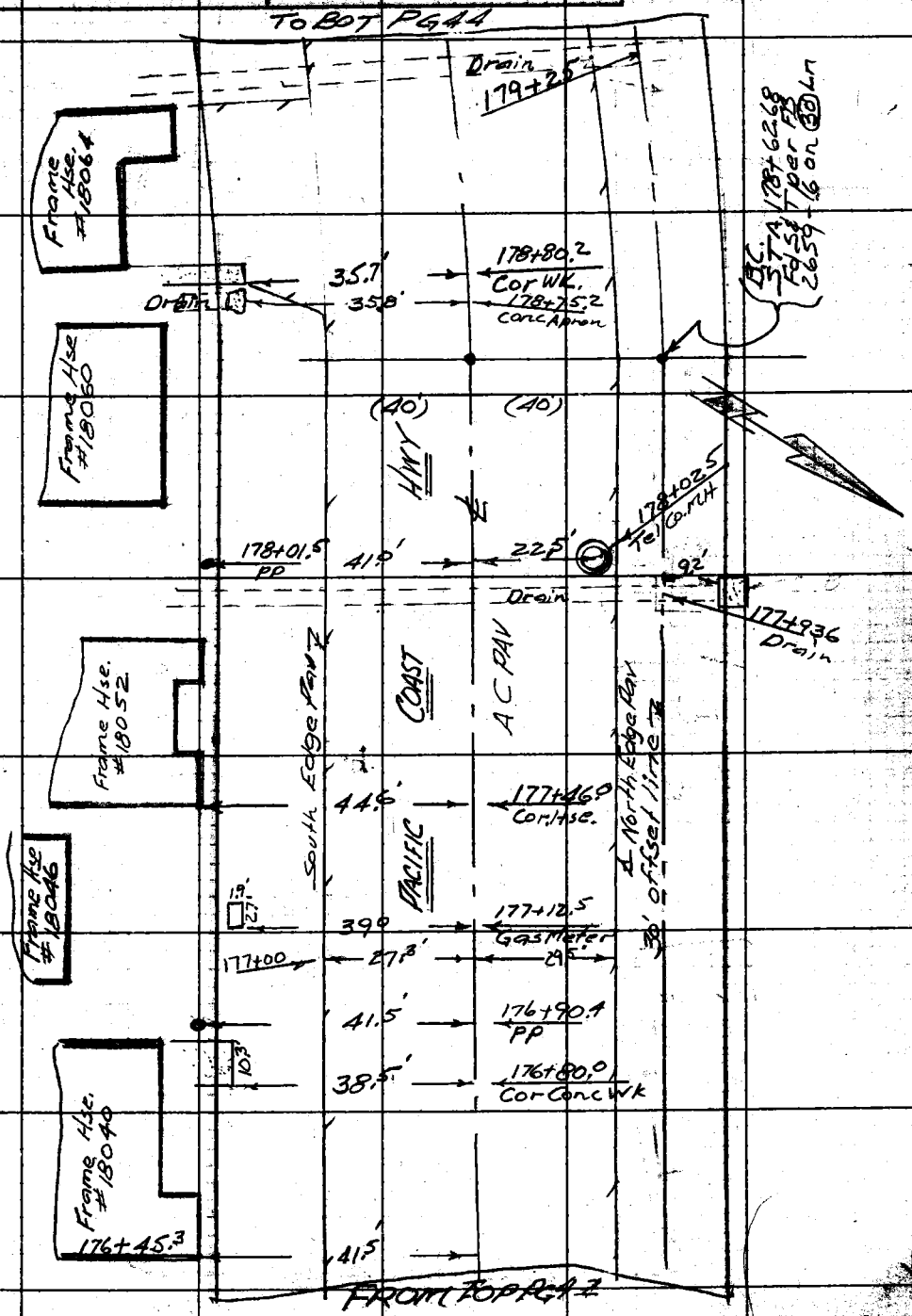
F.B. 2659 PG. 42

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Wtr. Works Dist	F. B 2659 PG. 43
Map No.	Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 7-27-60	
Date	Indexed H. E. OTT	



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

Do not extend notes this side of this line.

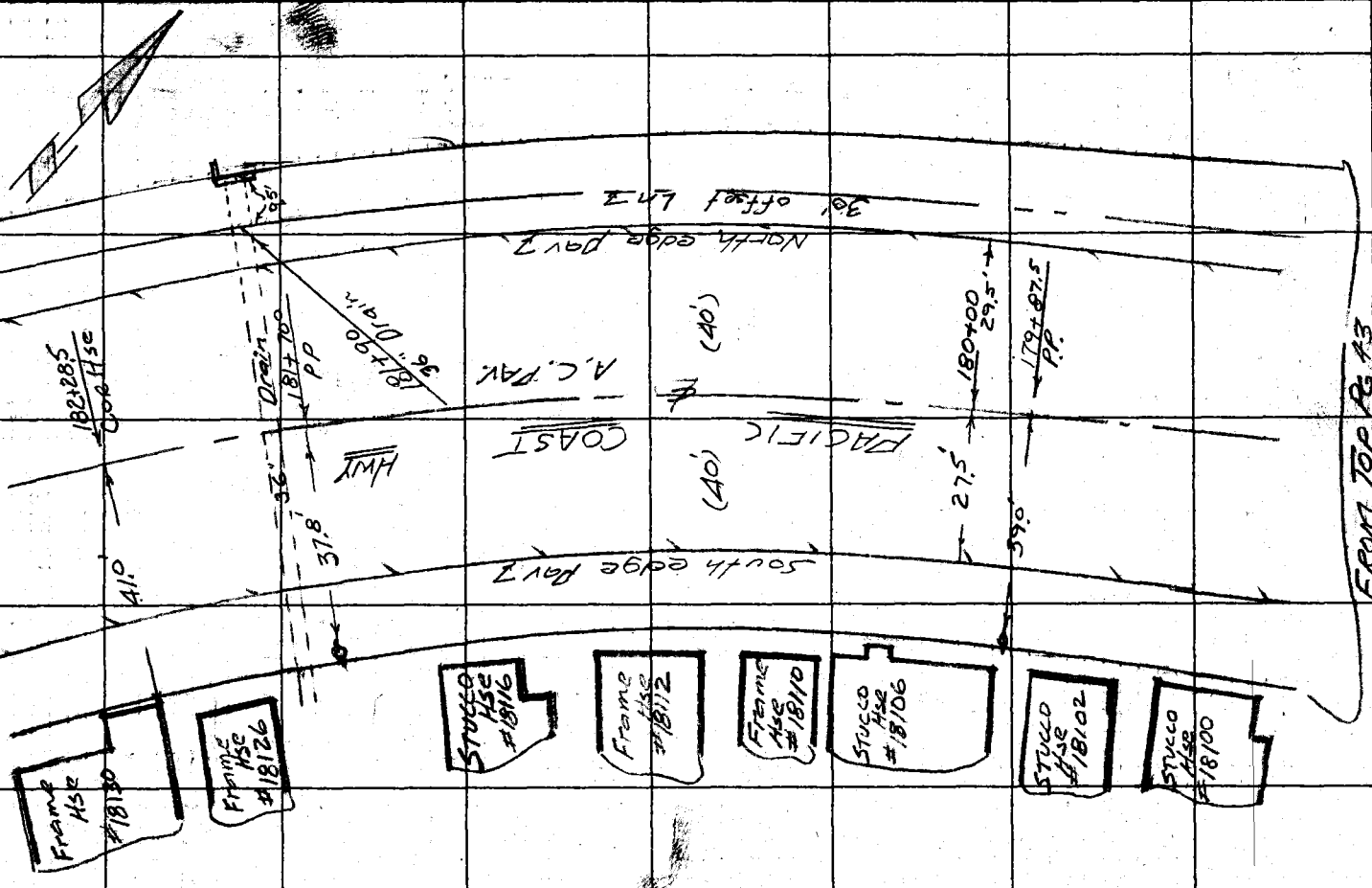
RETURN TO
LOS ANGELES COUNTY ENGINEER
400 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

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

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

Do not extend notes this side of this line.

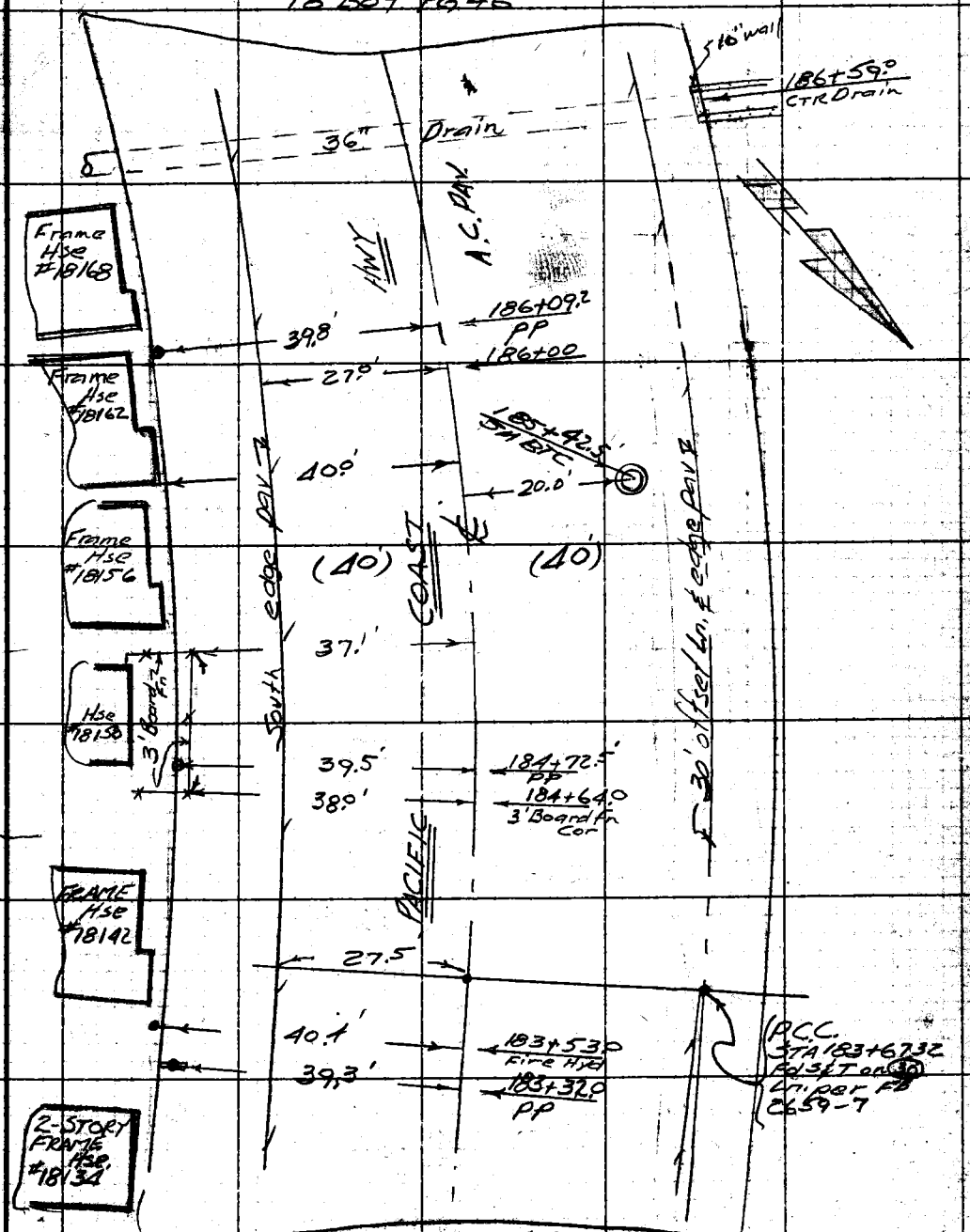


F.B. 2659 PG. 44

Notes Ck'd by	Survey of Pub. Wks. Dist #29
Map No.	Tape Std °F
Office Work	Surveyed by Manley Jr.
Checked	Notes EFM Jr. Date 8-3-60
Date	Indexed H. E. OTT

F. B 2659 PG. 45

To Bot Pg 46



From Top Pg 44

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

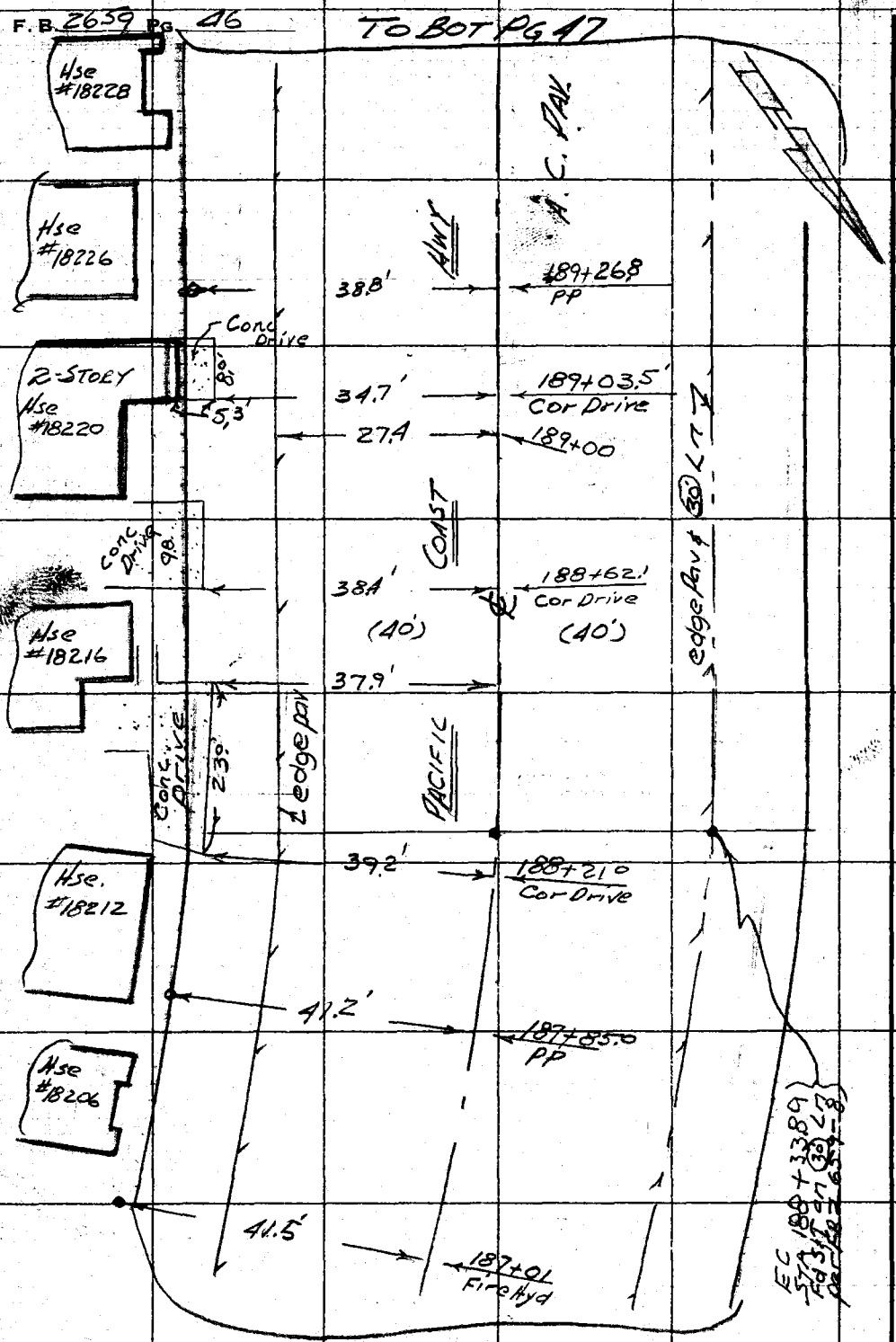
Do not extend notes this side of this line.

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

763098 CE #247 7-58

F. B. 2639 Pg 46

TO BOT PG 47



FROM TOP PG 45

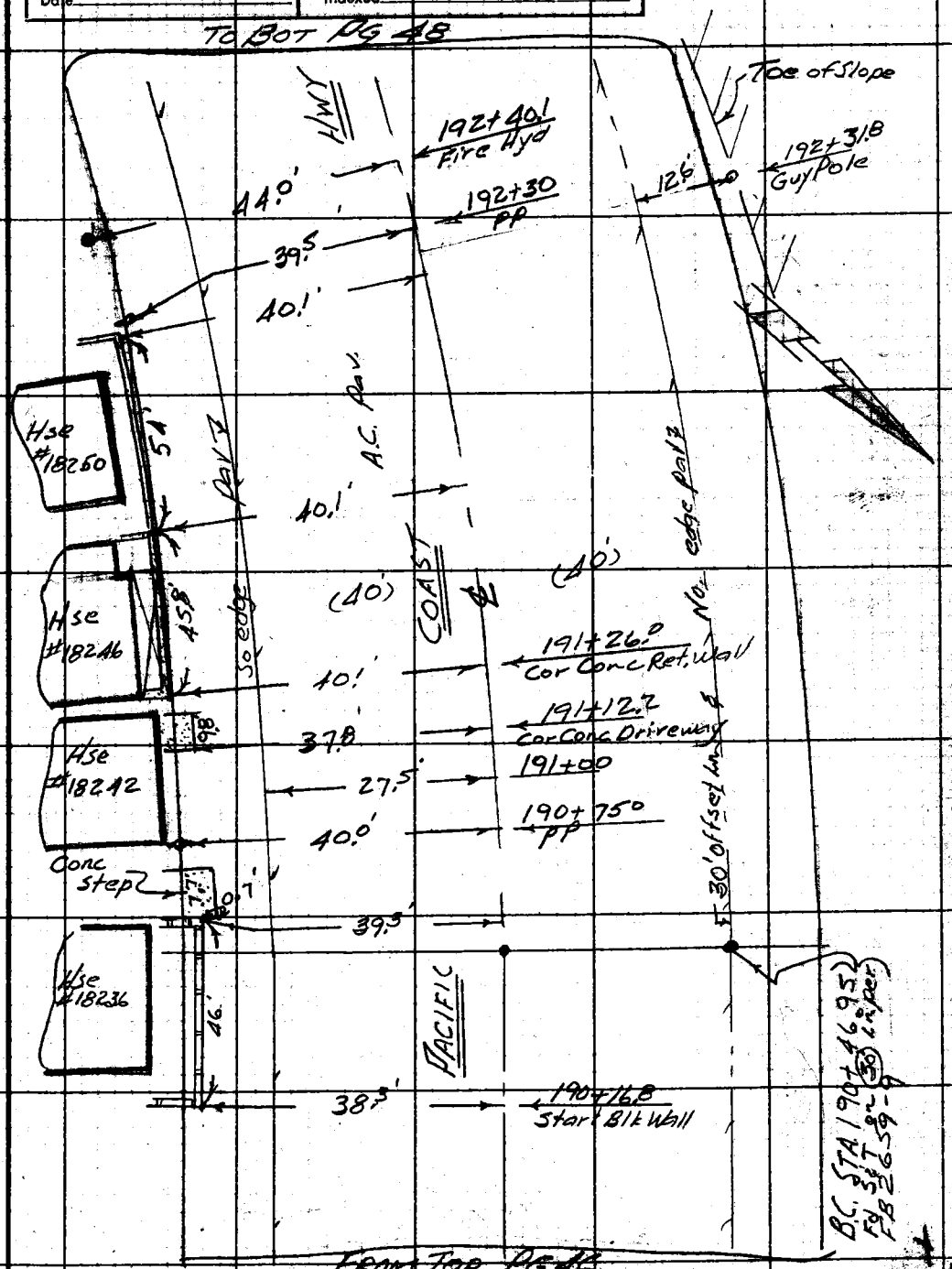
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

Do not extend noted this side of this line.

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

Notes Ck'd by	Survey of Wtr. Works Dist #29
Map No.	JN 5294.16 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes Mankey Jr. Date 8-3-'60
Date	Indexed H. E. OTT

F. B. 2659 PG. 47



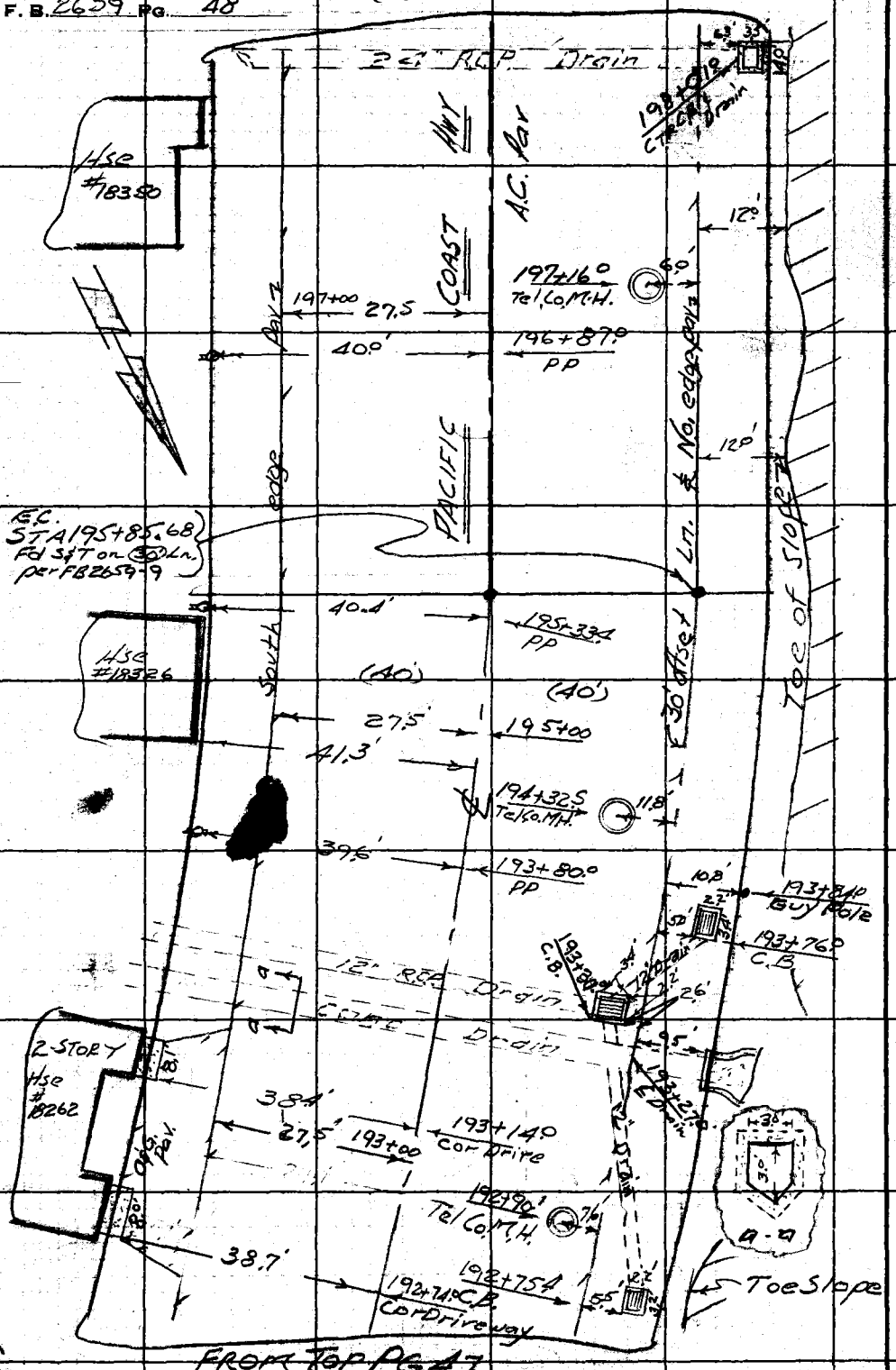
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763095 CE #247—7-53

F. B. 2659 PG. 48



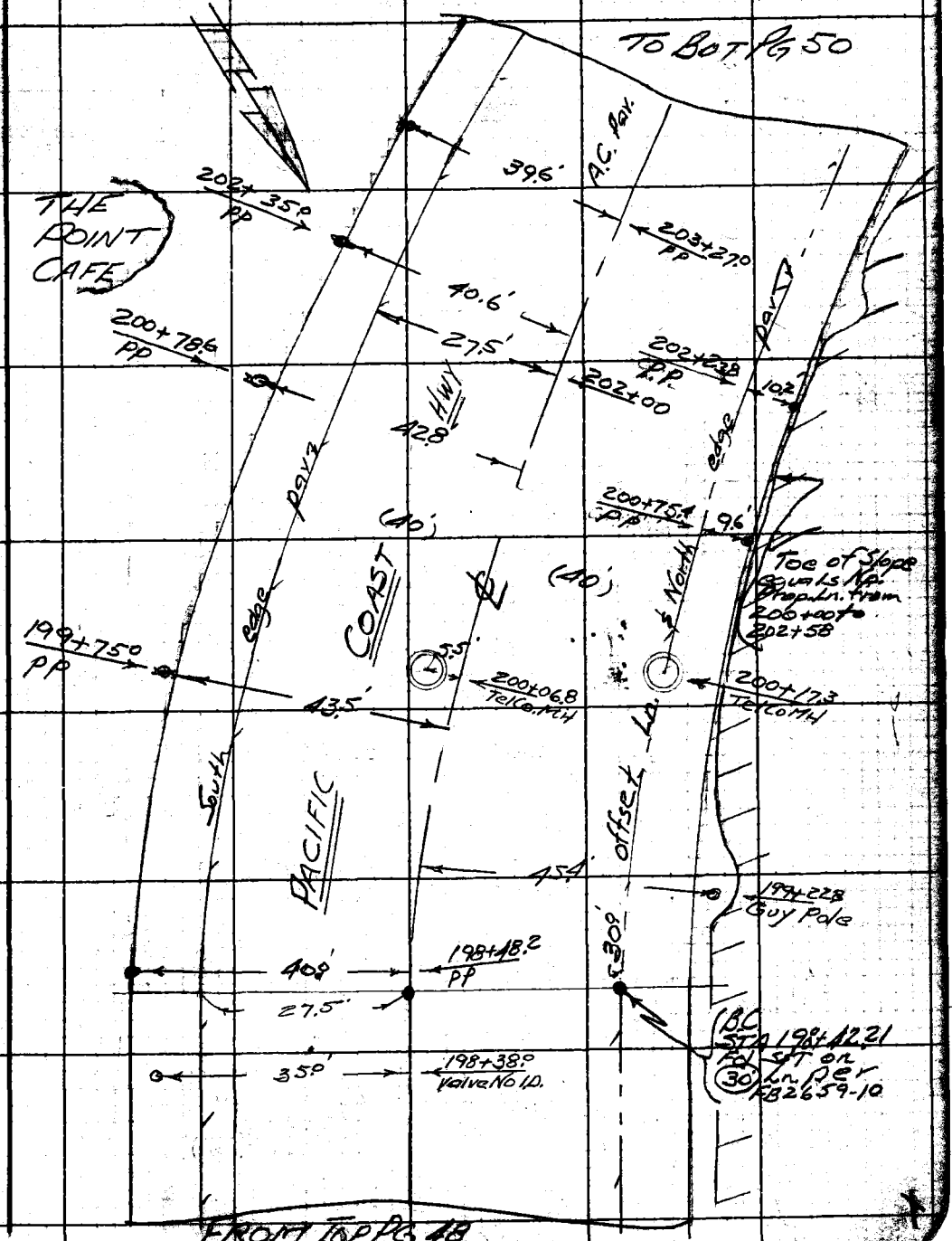
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Wtr. Works Dist #29
Map No.	Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes EFM Jr. Date 8-3-60
Date	Indexed H. E. OTT

F. B. 2659 PG. 49



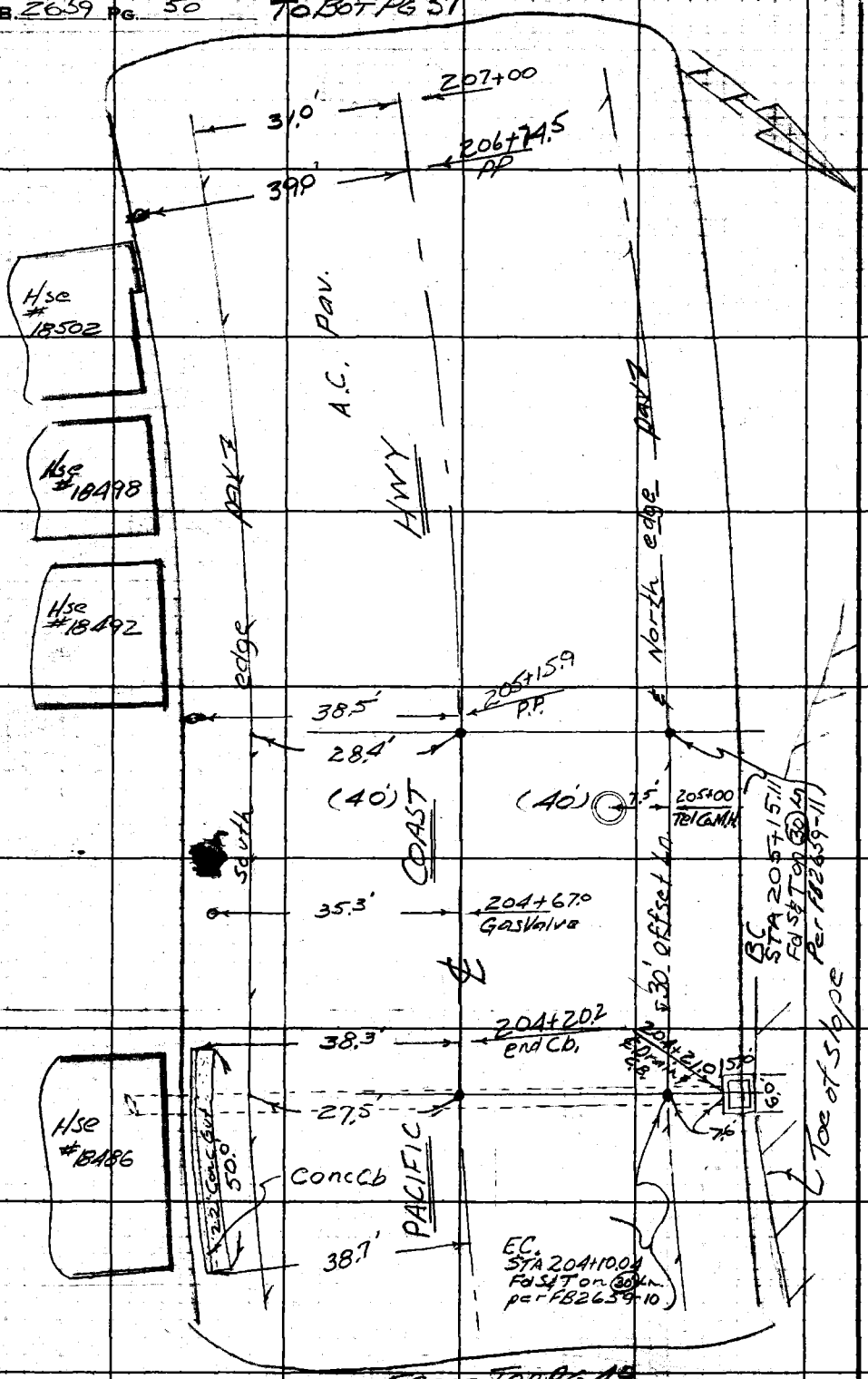
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-55

F.B. 2659 PG. 50 TO BOT PG 51



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

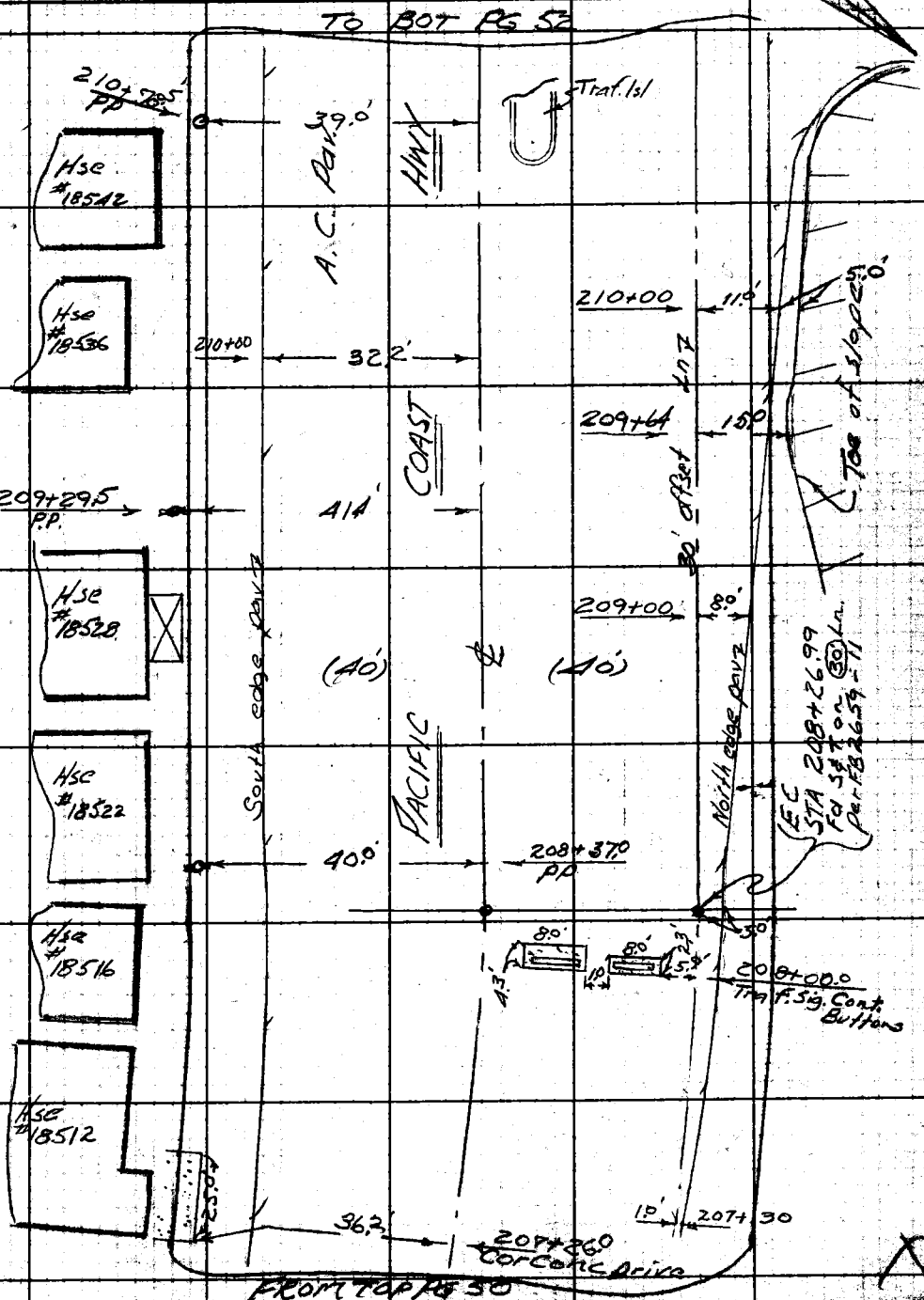
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

Notes Ck'd by	Survey of Wtr. Works Dist #29
Map No.	JN 5294.16 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date 8-4-60
Date	Indexed

F. B. 2659 PG. 51

B. E. OTT



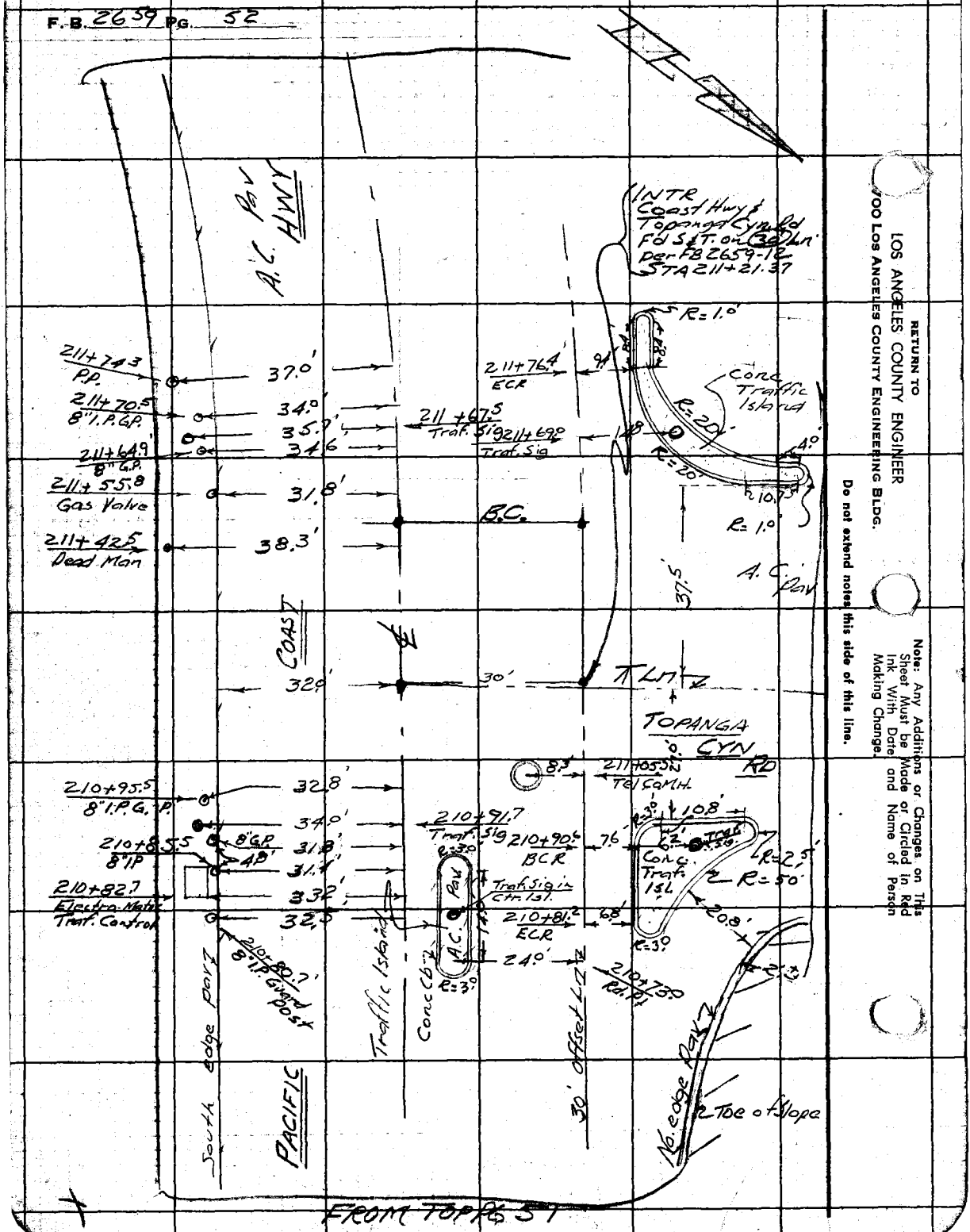
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763095 CE #247—7-53

F.B. 2659 PG. 52



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

Do not extend notes this side of this line.

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

F. B. 2659 Pg. 53

Profile No. ____ X-Sec. No. ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 5294.16 Division No. ____
Survey of Wtr. Works Dist #29
Survey by Mankey & Co. Notes E.T.M.V. Date 8-5-60
Map No. ____ Indexed H. E. OTT Date AUG 10 '60

JN 5294.16

WATER WORKS DISTRICT #29

X-SECTIONS
on
PACIFIC COAST HWY
from
WEST BOUNDARY of CITY of L.A.
to
TOPANGA CYN. ROAD

Mankey Jr.
Voge
Swann
L. Jones
Manley

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

Do not extend notes this side of this line.

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

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

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY
					LT & SO ⊼ = (30) Ln. RT & NO
BM (Fd)				21.48'	BM EL. 21.48' FB 2646 PACIFIC COAST HWY. (No. side) at W. Bdry City of L.A. Spk in S.E. Cor. CB 2.5' E. of City Ln.
172+84.49	City Ln. & (30) Ln.			21.5'	⊼
"				21.0'	10'
"				22.3'	30' ℄ Hwy
"				21.4'	65'
"				21.5'	70'
173+15.45'	∡ Pt.	& (30) Ln.		21.2'	⊼
"				21.1'	10'
"				21.8'	30' ℄ Hwy.
"				20.7'	65'
"				20.9'	70'
174+00				20.6'	⊼
"				20.4'	10'
"				21.2'	30' ℄ Hwy
"				20.2'	65'
"				20.3'	70'
175+00				20.1'	⊼
"				19.5'	10'
"				20.8'	30' ℄ Hwy.

F. B. 2659 PG. 54
Job No. 5294.16 Division No. Dist #29
Survey of Wtr Works Dist #29
Survey by ETM Jr. Notes Vogel
Indexed J. E. Old Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

Profile Notes Red. Plotted Job No. 2294.16 Division No.
No. X-Sec. Date Date Survey of WATER WORKS DIST #29
No. Date Notes Chkd. Checked Survey by Manley Notes Vose Date 8-5-60
Date Map No. Indexed H.E.O.N. Date

F.B. 2659 Pg. 55

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY
					LT ℄ So. — ℄ = (30') Ln — RT ℄ No.
175+00				19.8'	65'
"				19.8'	70'
176+00				19.8'	℄
"				19.2'	10'
"				20.4'	30' ℄ Hwy
"				19.6'	65'
"				19.5'	70'
177 +00				19.5'	℄
"				19.0'	10'
"				20.0'	30' ℄ Hwy
"				19.3'	65'
"				19.4'	70'
177+23.6'	INVERT on 36" RCP Drain			15.02'	9.2'
"	"	"	"	14.53	℄ {Drain 5.3% to South}
178+00				19.2'	℄
"				18.9'	10'
"				19.7'	30' ℄ Hwy
"				18.9'	65'
"				19.0'	70'
178+62.68	B.C.	(See Pg 43)			

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY LT & SO	⊼ = 30' Ln.	RT. & NO.
179+00				19.1'		⊼	
"				18.6'			10'
"				19.2'		30' ℄ Hwy	
"				19.0'	65'		
"				19.3'	70'		
179+25	INVERT on 24" R.C.P. Drain			16.98'			8'
"	"	" " "	"	16.53'		⊼	Drain 5.6% to South
180+00				18.7'		⊼	
"				18.2'			10'
"				18.8'		30' ℄ Hwy	
"				18.1'	65'		
"				18.4'	70'		
181+00				18.5'		⊼	
"				17.9'			10'
"				18.5'		30' ℄ Hwy	
"				17.7'	65'		
"				18.0'	70'		
181+90	INVERT on 36" R.C.P. Drain			13.85'			8.5'
"	"	" " "	"	13.48'		⊼	Drain 4.3% to south

F. S. 2659 PG. 56

Job No. 5294.16 Division No. Notes Red. Plotted Profile

Survey of Wtr Works Dist #29 Date Date No. X-Sec.

Survey by ETM Notes Vogel Notes Chkd. Checked

Indexed Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY LT & SO.	⊼ = 30' Ln. RT. & NO.
182+00				18.2'		⊼
"				17.8'		10'
"				18.4'	30' ℄ Hwy	
"				17.3'	65'	
"				17.4'	70'	
183+00				18.6'		⊼
"				17.8'		10'
"				18.6'	30' ℄ Hwy	
"				17.8'	65'	
"				17.9'	70'	
183+67.32	PCC See Pg. 45					
184+00				18.8'		⊼
"				17.9'		10'
"				18.9'	30' ℄ Hwy	
"				17.8'	65'	
"				17.7'	70'	
185+00				19.1'		⊼
"				18.6'		10'
"				19.2'	30' ℄ Hwy	
"				17.8'	65'	
"				17.8'	70'	

Profile Notes Red. ____ Plotted ____ Job No. 529 & 116 Division No. ____ F. B. 2659 Pg. 57
No. ____ Date ____ Date ____ Survey of Wtr. Works Dist #29
X-Sec. Notes Chkd. ____ Checked ____ Survey by ETM Jr. Notes Page Date 8-5-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTI Date ____

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY.
					Lt. ℄ So. ⊼ = (30') ln. Rt. ℄ No.
186+00				19.5'	⊼
"				19.1'	10'
"				19.6'	30' ℄ Hwy.
"				18.1'	65'
"				18.3'	70'
					TBM El. = 19.63' FB 2659
TBM				19.63'	Pacific Coast Hwy (No. side) Across Hwy. from House No. 18168.
					Spk. in Ctr. Culvert H.W. 13'± No. of Pav.
186+59.0'	INVERT	on 36" R.C.P.	Drain	15.60	10'
"	"	" " "	"	15.13	⊼ Drain 4.7% to South
187+00				19.7'	⊼
"				19.5'	10'
"				19.9'	30' ℄ Hwy
"				18.7'	65'
"				19.3'	70'
188+00				20.1'	⊼
"				19.3'	10'
"				20.0'	30' ℄ Hwy
"				19.1'	65'
"				19.5'	70'
188+33.89'	E.C.	(See Pg. 46)			

F. B. 2659 Pg. 58
Job No. 5294.16 Division No. Notes Red. Plotted Profile
Survey of Wtr. Works Dist. #29 Date Date No. X-Sec.
Survey by ETM Notes Vogel Notes Chkd. Checked
Indexed H. L. Oil Date Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY. LT. & SO.	T = (30') Ln. RT. & NO.
189+00				19.5'		T
"				18.7'		10'
"				19.8'	30' ℄ Hwy	
"				19.2'	65'	
"				19.4'	70'	
			out	19.08'	BM 48-60 EL = 19.078 FB 1369 Pg 50	
BM			in	19.04	City of L.A. 10696-19, Std. Sur. Trav. monu. D-8, at 2.1' So. of No. edge of pav. opp. W. Ln to house #18222	
					Pacific Coast Hwy. (58' Nly. of NW cor. of house.)	
190+00				19.2'		T
"				18.2'		10'
"				19.4'	30' ℄ HWY	
"				18.7	65'	
"				19.0	70'	
190+46.95	B.C.	(See P.G. # 47)		TP 19.04		
191+00				18.7'		T
"				18.1'		10'
"				18.9'	30' ℄ HWY	
"				17.9'	65'	
"				18.0'	70'	
192+00				18.2'		T
"				17.4		10'

Profile Notes Red. ____ Plotted ____ Job No. 5294.16 Division No. ____ F. B. 2659 Pg. 59
No. ____ Date ____ Date ____ Survey of Wtr. Works Dist #29
X-Sec. Notes Chkd. ____ Checked ____ Survey by ETM Jr. Notes Vogt Date 8-5-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ H. E. Ott Date ____

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY. LT. & So.	⊼ = (30') LN	RT & No.
192+00				18.4'	30' ℄ HWY		
"				17.4'	65'		
"				17.2'	70'		
192+74.0	C.B.			15.0	F.L.		5.5
T.P.				18.67			
193+00				18.9'		⊼	
"				18.3'			10'
"				18.0'	30' ℄ HWY		
"				17.3'	65'		
"				17.4	70'		
193+27.0	INVERT ON 36" RCP DRAIN			17.42'	F.L		19.5 DRAIN 7.3% To So.
"	"	"	"	16.00' Grate Eq.		⊼	
193+30.0	C.B.			18.95		2.6 Grate	DRAIN 3.7% To So.
"	INVERT on 12" RCP Outlet So.			12.0'	6.9' Rim to flowline		
193+76.0	C.B.			17.44	GRATE (No Invert Taken)		5.0
T.P.				18.05			
194+00				18.2'		⊼	
"				16.8'			10'
"				18.0'	30' ℄ HWY.		
"				17.1'	65'		

F. B. 2659 PG. 60
Job No. 5294/6 Division No. Notes Red Plotted Profile
Survey of Wtr. Works Dist #29 Date Date No.
Survey by E.T.M. Notes Sward Notes Chkd Checked X-Sec.
Indexed E.T.M. Date Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY. LT. & SO.	⊼ = (30') LN	RT & NO.
194+00				17.0'	70'		
195+00				17.8'		⊼	
"				17.1'			10'
"				18.3'		30' ℄ HWY	
"				17.4'	65'		
"				17.4'	70'		
195+85.68	E.C.	See Pg. # 48		18.2'		⊼	
196+00				17.7			10'
"				18.7'		30' ℄ HWY	
"				17.7'	65'		
"				17.8'	70'		
197+00				18.2'		⊼	
"				17.5			10'
"				18.9'		30' ℄ HWY	
"				18.0'	65'		
"				18.3'	70'		
198+00				18.2		⊼	
"				17.3'			10'
"				19.2'		30' ℄ HWY	
"				18.6'	65'		

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. S294.116 Division No. ____ Survey of Wtr. Works Dist. #29

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Monkey Jr. Notes Swann Date 8-8-60

Map No. ____ Date ____ Indexed H. E. OTT Date ____

F. B. 3659 Pg. 61

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY. LT & So.	T = 30' LN	RT. & No
198+00				18.8'	70'		
198+01.0	INVERT ON 24" R.C.P. DRAIN			12.96'	F.L.	6.3	DRAIN 1.7% TO So.
"	"	" " "	"	12.85'		T	
T.P.				21.29			
198+42.21	B.C.	See Pg. 49					
199+00				18.0'		T	
"				17.3'		10'	
"				19.6'	30' ℄ HWY.		
"				20.0'	65'		
"				20.5'	70'		
B.M. (Fd.)				IN 20.17	B.M. 45-61	EL. 20.154	FB 1369 pg 51
				OUT 20.15	CITY L.A. 10696-19 STD. TRAV. MON. C-8B, 4' N. OF S. side PAV. PAC. COAST HWY. 0.23 MI. E. OF Topanga CN. Rd., 49.8' N.W. OF Pole # 1085812E, 82' N.E. OF pole # 880862E.		
200+00				18.6'		T	
"				17.8'		10'	
"				20.3'	30' ℄ HWY.		
"				20.9'	65'		
"				20.9'	70'		
201+00				19.4'		T	
"				19.5'		10'	
"				21.1'	30' ℄ HWY.		

F. B. 2659 Pg. 62

Job No. 5294.16 Division No. Notes Red. Plotted Profile
Survey of Wtr. Works Dist. #29 Date Date No. X-Sec.
Survey by E.T.M. Notes Sunand Notes Chkd. Checked No.
Indexed Date Date Date

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY. LT. & So.	⊤ = 30' LN	RT. & No.
201+00				21.4	65'		
"				21.6'	70'		
T.P.				19.61			
202+00				20.5		⊤	
"				20.1'			10'
"				22.2'	30' ℄ HWY.		
"				22.4'	65'		
"				22.4'	70'		
203+00				21.2		⊤	
"				20.2'			10'
"				23.2'	30' ℄ HWY.		
"				23.5'	65'		
"				23.5'	70'		
204+00				23.2'		⊤	
"				22.3'			10'
"				24.4'	30 ℄ HWY.		
"				24.4	65'		
"				24.2	70'		
204+10.04	EC.	See pg. # 50					

Profile Notes Red. ____ Plotted ____ Job No. 529 & 16 Division No. ____ F. B. 2659 Pg. 63
No. ____ Date ____ Date ____ Survey of Water Works Dist #29
X-Sec. Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes Swann Date 8-8-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
H. E. Ott

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY. LT. ℄ So.	⊼ = (30') LN	RT. ℄ No.
204+21	INVERT ON 24' R.C.P. DRAIN			20.45'	F.L.		7 ℄ DRAIN 4.8% To So.
"	" " " "			20.09'		⊼	
B.M. (Fd)				23.45	B.M. Z-1051 EL. 23.45 PACIFIC COAST HWY, N. Side ACROSS HWY FROM HOUSE # 18486. GEODETIC SUR. MON. # Z 1051 - 1960		F.S. No REF. IN S.E. COR. C.B. U.S. COAST ℄
205+00				26.2'		⊼	
"				25.4'			10'
"				26.6'		30 ℄ HWY	
"				25.3'	65'		
"				26.0'	70'		
205+15.11	B.C.	See pg. #50					
206+00				29.3'		⊼	
"				28.8'			10'
"				29.3'		30' ℄ HWY	
"				28.0'	65'		
"				28.1'	70'		
207+00				32.2'		⊼	
"				31.3'			10'
"				32.0'		30' ℄ HWY	
"				30.6'	65'		
"				31.0'	70'		

F. B. 2659 Pg. 64
Job No. 5294.16 Division No. Notes Red. Plotted Profile
Survey of Wtr. Works Dist. #29 Date Date No.
Survey by Mankey Jr. Notes Swann Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY
T.P.				32.15'	LT & SO. ⊼ = (30') LN. RT & NO
208+00				34.9'	⊼
"				34.5'	10'
"				34.8'	30' ℄ Hwy
"				33.3'	65'
"				32.9'	70'
208+26.99'	EC	(See Pg. 51)			
209+00				36.9'	⊼
"				36.5'	10'
"				37.0'	30' ℄ Hwy
"				35.6	65'
"				35.5'	70'
210+00				38.4'	⊼
"				37.9'	10'
"				37.7'	16' Toe Slope
"				38.8'	30' ℄ Hwy
"				37.6'	65'
"				37.4'	70'
210+66	Mid of Pav. Ret.			38.5'	29' Toe Slope
					TBM EL 40.81' FB 2659-65
TBM				40.81'	Pacific Coast Hwy & Topanga Cyn Rd N.E. Cor. Co. Eng. Tag in Mid of S.W. 3' Rad of Traf. Isl.

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 5294.16 Division No. ____ Survey of Wtr. Works Dist #29 Survey by Markey, Wk. Notes Swano Date 8-8-60

X-Sec. No. ____ Notes Chk. ____ Date ____ Checked ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2659 Pg. 65

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY LT & So.	⊼ = 30' Ln RT & No.
210+70.0	Mid of 3' Ret at E. end Traf Isl.			39.74'	24.0' Gut	
"	" "	" "	" "	40.27'	" Cb	
210+90.0	" " "	" " W.	" " "	40.47'	24.0' Cb	
"	" " "	" "	" "	40.9'	" Gut	
210+81.2' W.	end of 3' Rd. S.E. Cor. Traf. Isl.			40.47'		6.8' Cb
" "	" " "	" " "	" "	39.97'		" Gut
N	" " "	" " "	" "	40.35'		Cb.
"	" " "	" " "	" "	39.83'		Gut
210+90.6 E.	" " "	S.W. "	" "	40.73'		7.6' Cb
" "	" " "	" "	" "	40.21		" Gut
210+93.6 N	" " "	" "	" "	40.82'		10.6' Cb.
" "	" " "	" "	" "	40.32'		" Gut
S.E.	2.5 " N.	"	" "	40.61'		Cb.
"	" " "	" "	" "	40.02'		Gut.
S.W.	" " "	" "	" "	40.77'		21.4' Cb
"	" " "	" "	" "	40.29'		" Gut
211+21.37	INTR. COAST HWY & Topanga Cyn. Rd.			40.9'	⊼	
"				41.3'		30' pav.
"				40.3'	30' ℄ Hwy	
"				38.9'	65'	

Traffic Islands at Coast Hwy & Topanga Cyn. Rd.

F. B. 2659 Pg. 66
Job No. 5294.16 Division No. Profile
Survey of Wtr. Works Dist #29 Plotted No.
Survey by ETM Jr. Notes Mankey Jr. Date X-Sec.
Indexed H. E. Oil Date Notes Chkd. Checked No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY LT & SO.	K=30 LN. RT & NO
211+21.37'	Intr Coast Hwy & Topanga Cyn Rd			39.1'	70'	
211+44.54	B.C. (See Pg 12) N.W. Cor.			—		
	S.E. Side of 1' Rad. Coast Hwy & T.C. Rd.			42.91'		40.' cb.
	" " " " " " "			42.47'		" Gut
	N. end " 20' " " " "			42.57'		29.4' cb
	" " " " " " "			42.08'		" Gut
211+76.4	W " " " " " "			41.78'		9.4' cb.
	" " " " " " "			41.44'		" Gut.
211+84.8	S. (side) " 1' " " " "			42.02'		9.4 cb.
	" " " " " " "			41.52'		" Gut.
TBM (Set)				42.19'	TBM EL 42.19' FB 2659-67 Pacific Coast Hwy & Topanga Cyn Rd N.W. Cor Co. Eng. lead & Tack in Mid of 20' Ret of Traf. Isl.	
T.P.				39.83'		
T.P.				36.27'		
T.P.				30.96'		
BM 48-62				28.53'	BM 48-62 EL. 28.515' FB 1369-52 Pacific Coast Hwy & Topanga Creek at the S.E. COR. of Concrete Bridge, in the top of Conc. Abutment outside of E'ly end of Guardrail, a Std Disc Stamped P-99 1933	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5294.16 Division No. ____ F. B. 2659 Pg. 67
X-Sec. No. ____ Date ____ Date ____ Survey of Wtr Works Dist #29
Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes E. E. Date 8-8-60
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. Pg. 68

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

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Blank

Do not extend notes this side of this line.

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

76L-298 S & E #307—1-56

Notes Ck'd by	Survey of Wtr Works Dist #29
Map No.	JN 5294.16 Tape Std °F
Office Work	Surveyed by Mankey Jr,
Checked	Notes Voge Date 8-4-60
Date	Indexed 1.0.30 M. E. OTT

F. B. 2659 Pg. 69

JN 5294.16

WATER WORKS DISTRICT #29

PACIFIC COAST HWY

TRAFFIC STRIPPING

from

WEST BOUNDARY of the CITY of L.A.

to

TOPANGA CYN. RD.

STATIONING DATA EQUALS

TOPOG. STATIONING (per PGS 42 thru 52)

Mankey
Voge
Swann
L. Jones

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

Do not extend notes this side of this line.

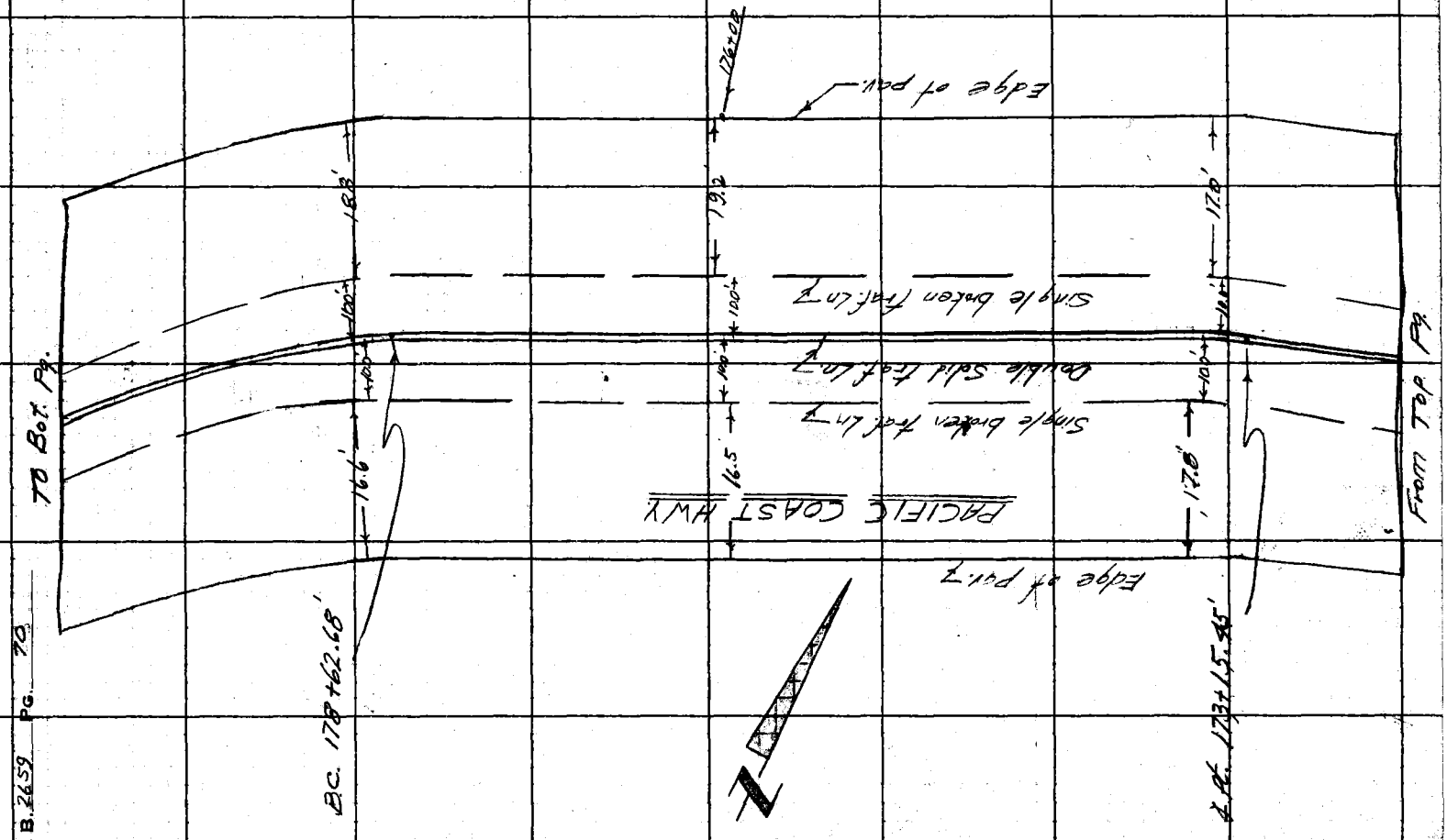
RETURN TO
LOS ANGELES COUNTY ENGINEER
1100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-58

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

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

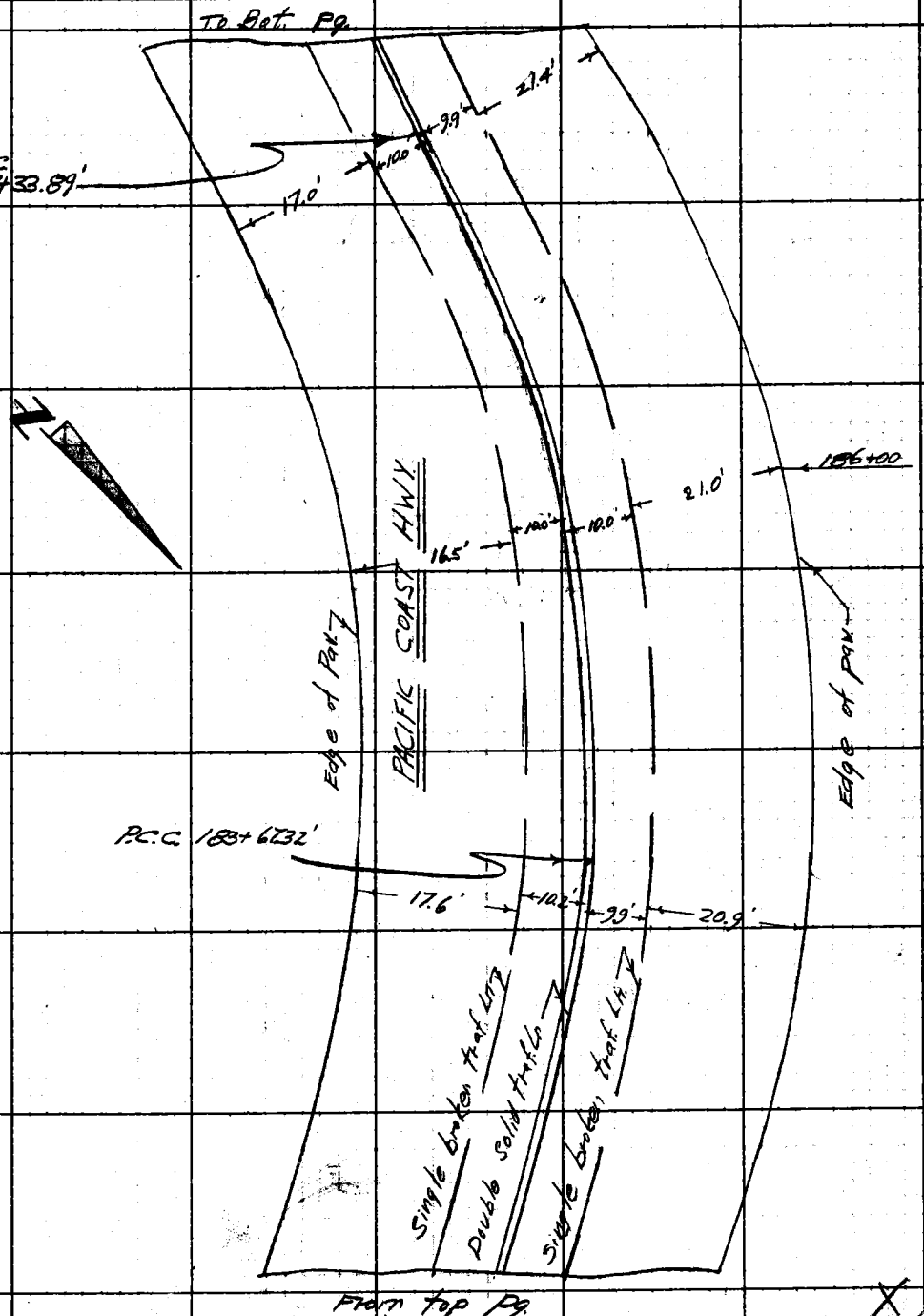
Do not extend notes this side of this line.



F.B. 2659 Pg. 70

Notes Ck'd by	Survey of Wtr. Works Dist. #29
Map No.	JN 5294.1 Tape Std °F
Office Work	Surveyed by Hankey Jr.
Checked	Notes Vogt Date 8-4-60
Date	Indexed H. E. ON

F. B. 2659 PG. 71



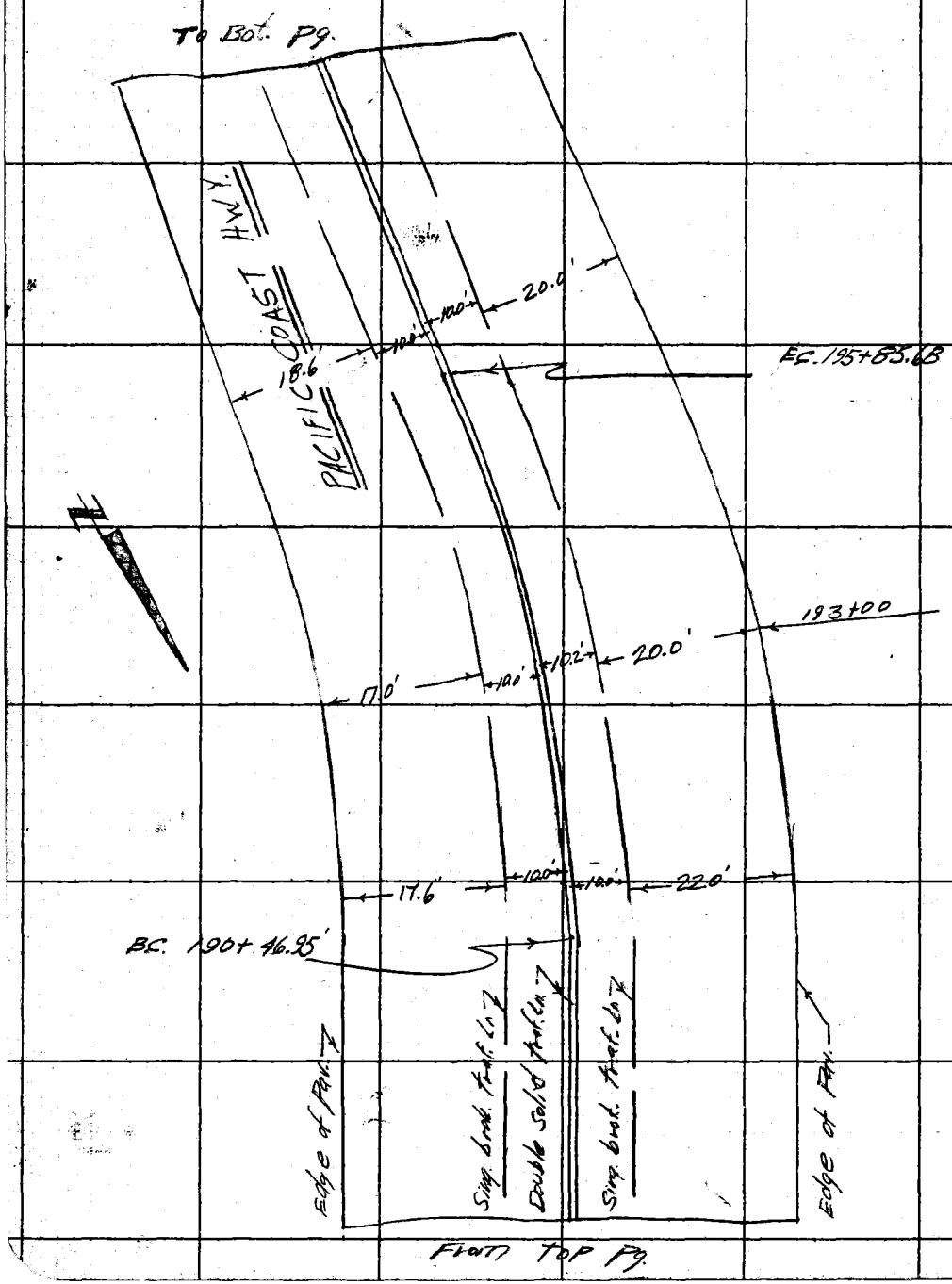
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76809S CE #247—7-58

F. B. 2659 PG. 72



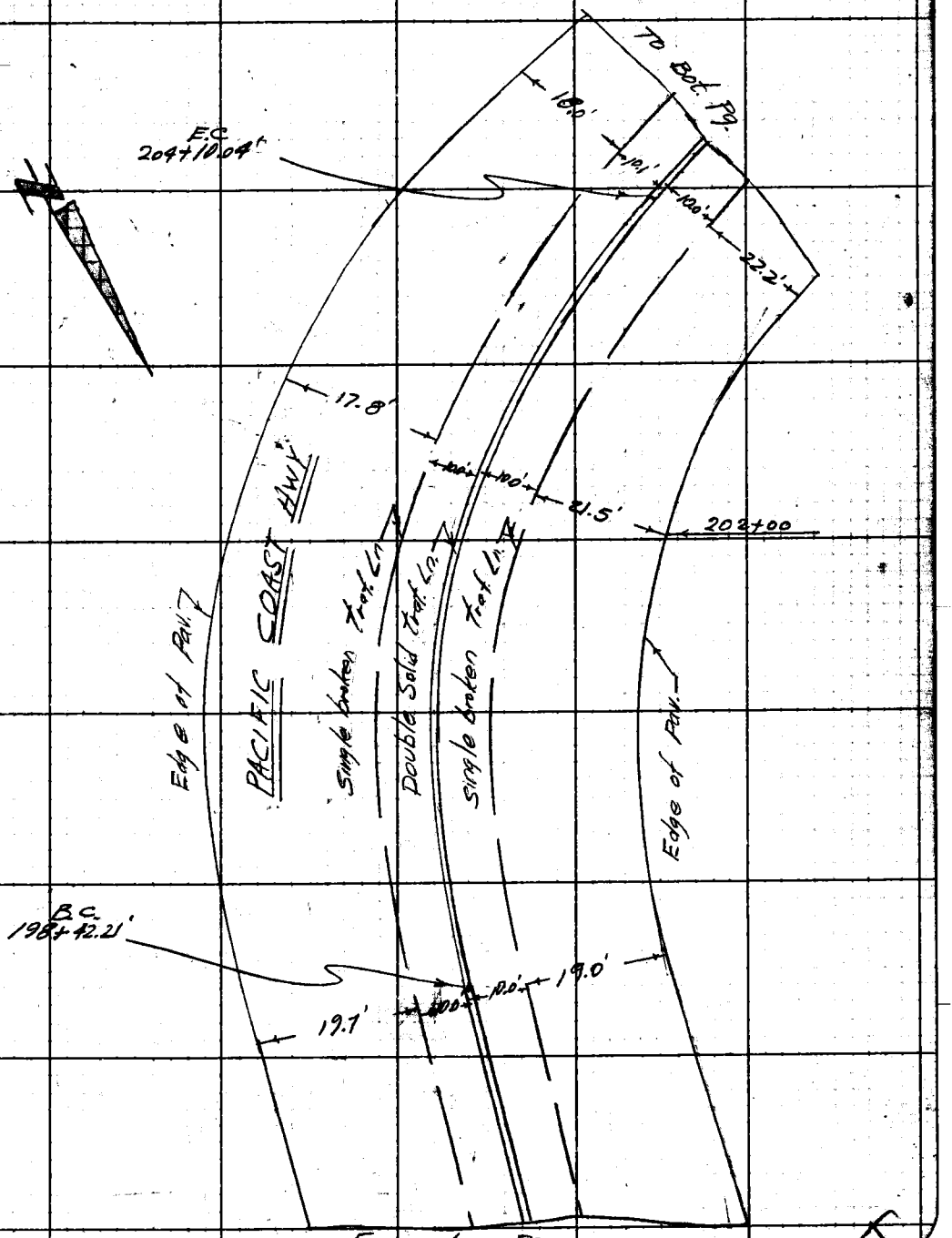
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Notes Ck'd by	Survey of Wtr. Works Dist #29
Map No.	JN 5294.16 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes Vogel H. E. Off Date 8-56
Date	Indexed

F. B. 2659 Pg. 73



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

Do not extend notes this side of this line.

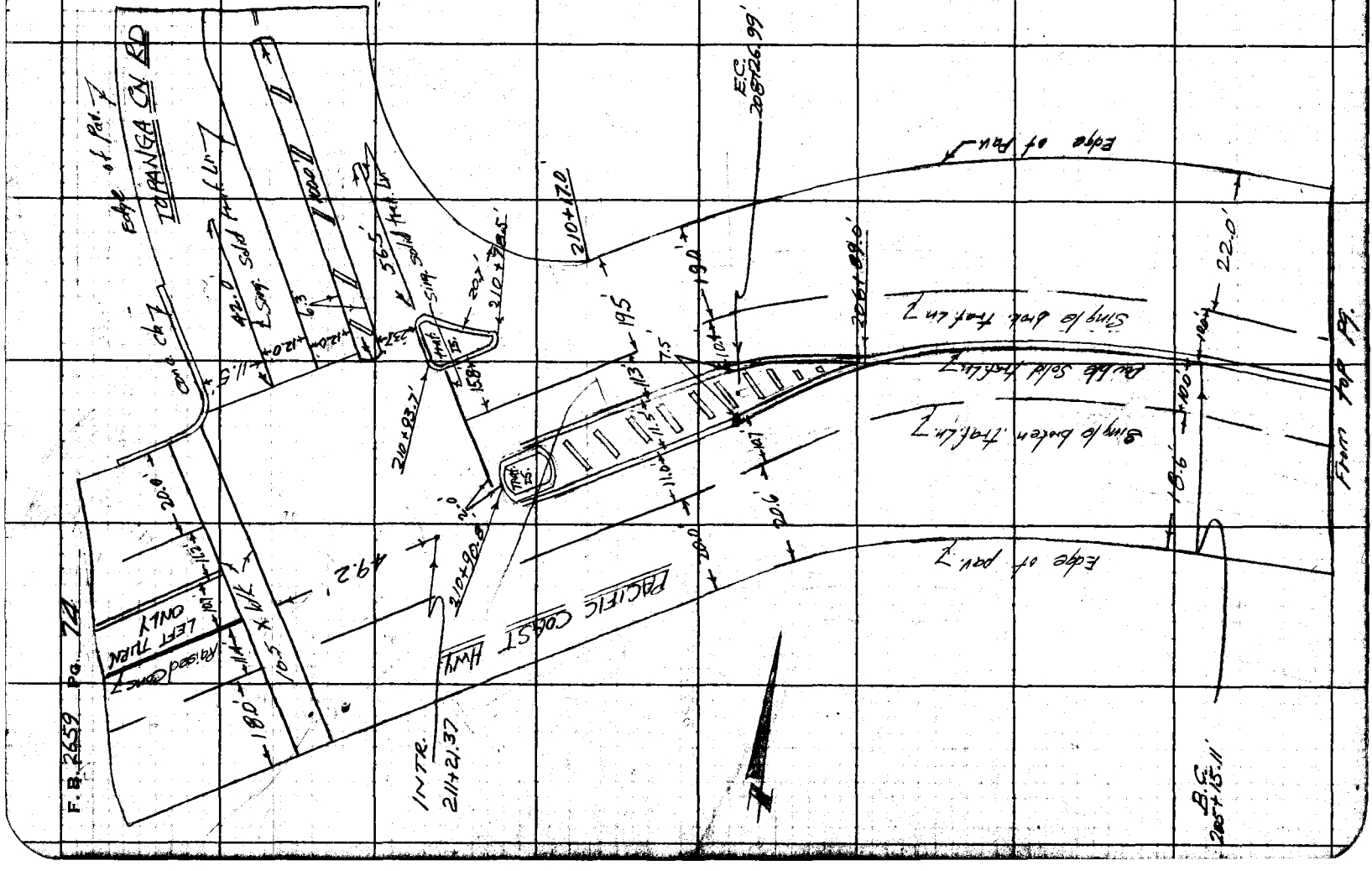
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

763095 CE #247—7-55

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

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

Do not extend notes this side of this line.



Notes Ck'd by WJB	Survey of Wtr. Works Dist #29
Map No. B-2868-1	JN 0303.00 Tape Std °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked WJB	Notes ETM Jr. Date 8-29-60
Date MARCH 1964	Indexed B. E. OH

F. B 2659 PG. 101

JN 0303.00

WATER WORKS DISTRICT #29

℄

PACIFIC COAST HWY
from
TOPANGA CYN. ROAD
to
BIG ROCK DRIVE

Mankey Jr.
Voge
Jones
Manley
Alwin

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

Do not extend notes this side of this line.

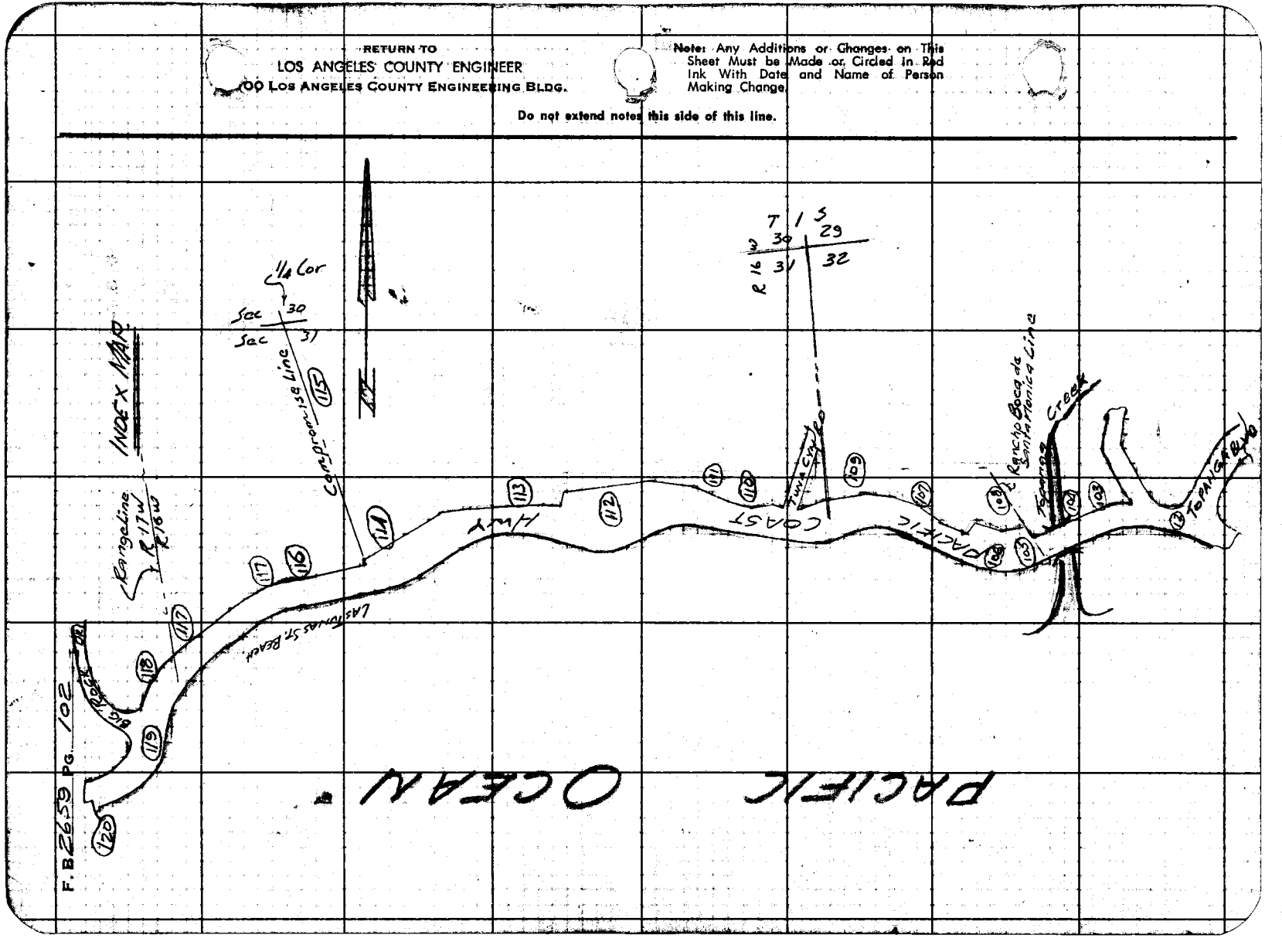
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

768099 CE #247—7-59

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

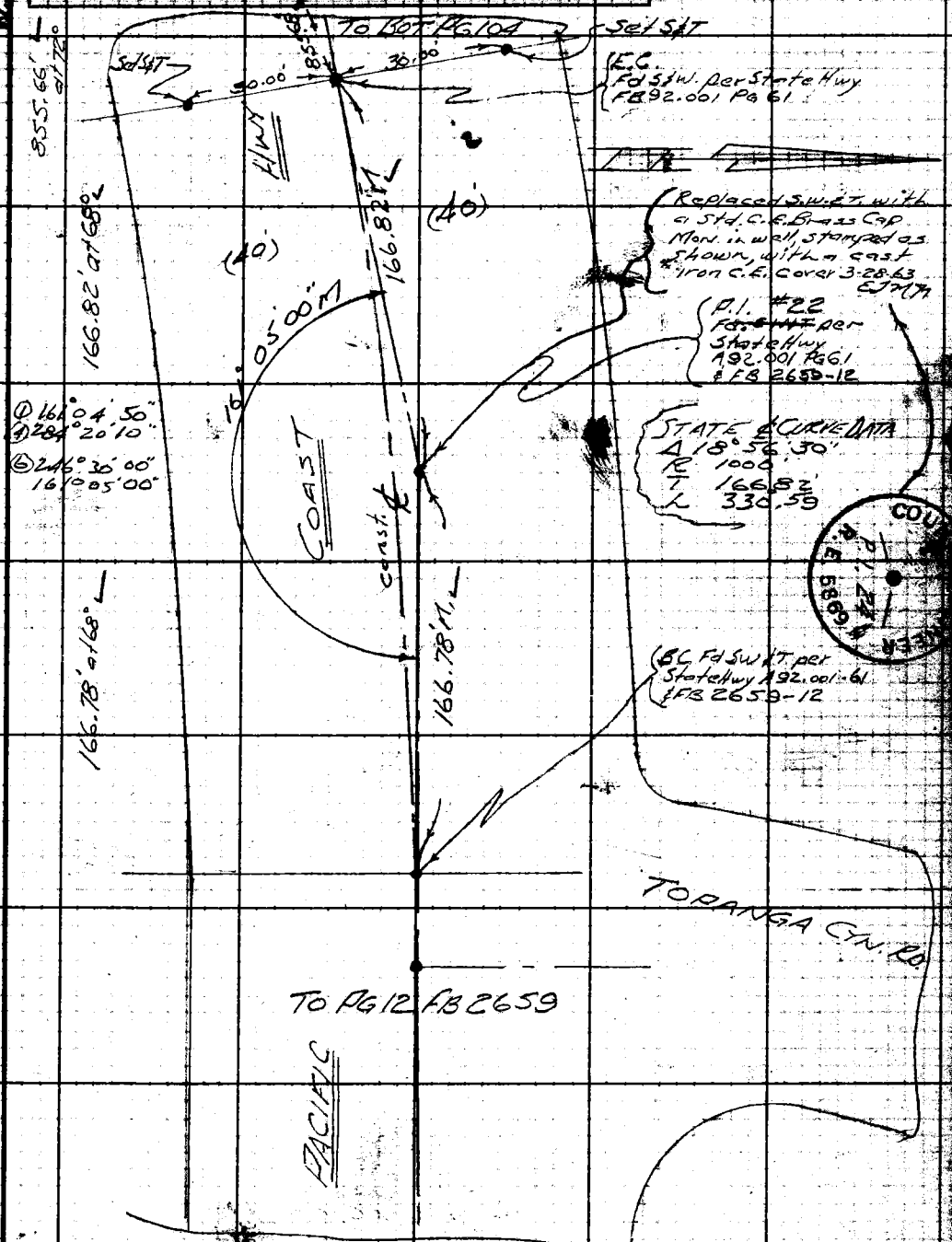
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.



Notes Ck'd by W. J. BRENNER	Survey of Wtr Works Dist #29
Map No. B-2868-1	JN 0303.00 Tape 088 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr
Checked W. J. BRENNER	Notes ETM Jr Date 8-29-60
Date MARCH 1964	Indexed N. E. OTT

F. B. 2659 Pg. 703



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

Do not extend notes this side of this line.

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

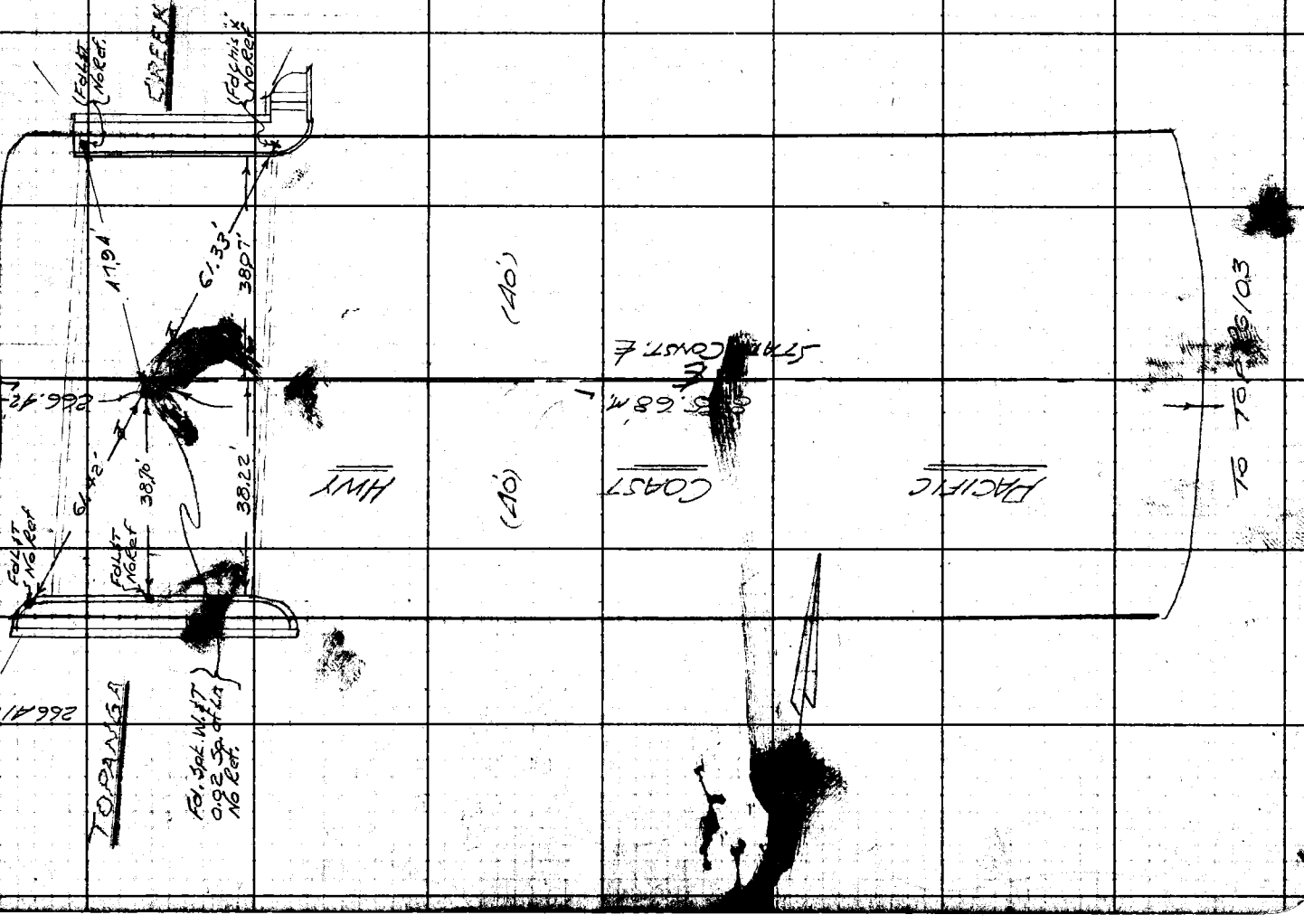
763098 CE #247—7-53

RETURN TO
ANGELES COUNTY ENGINEER
IGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

W.S. 58, B-5



F.B. 2639 Pg. 104

Notes Ck'd by W. J. BRENNER
Map No. B-2868-1
Office Work G. D. BAILEY
Checked W. J. BRENNER
Date MARCH 1964

Survey of ℄ Cw.w. Dist #29
Job 4301.00 Tape 0.99 Std 68° °F
Surveyed by Markey Jr.
Notes Markey Jr. Date 9-31-60
Indexed H. E. OTT

F. B. 2659 PG. 105

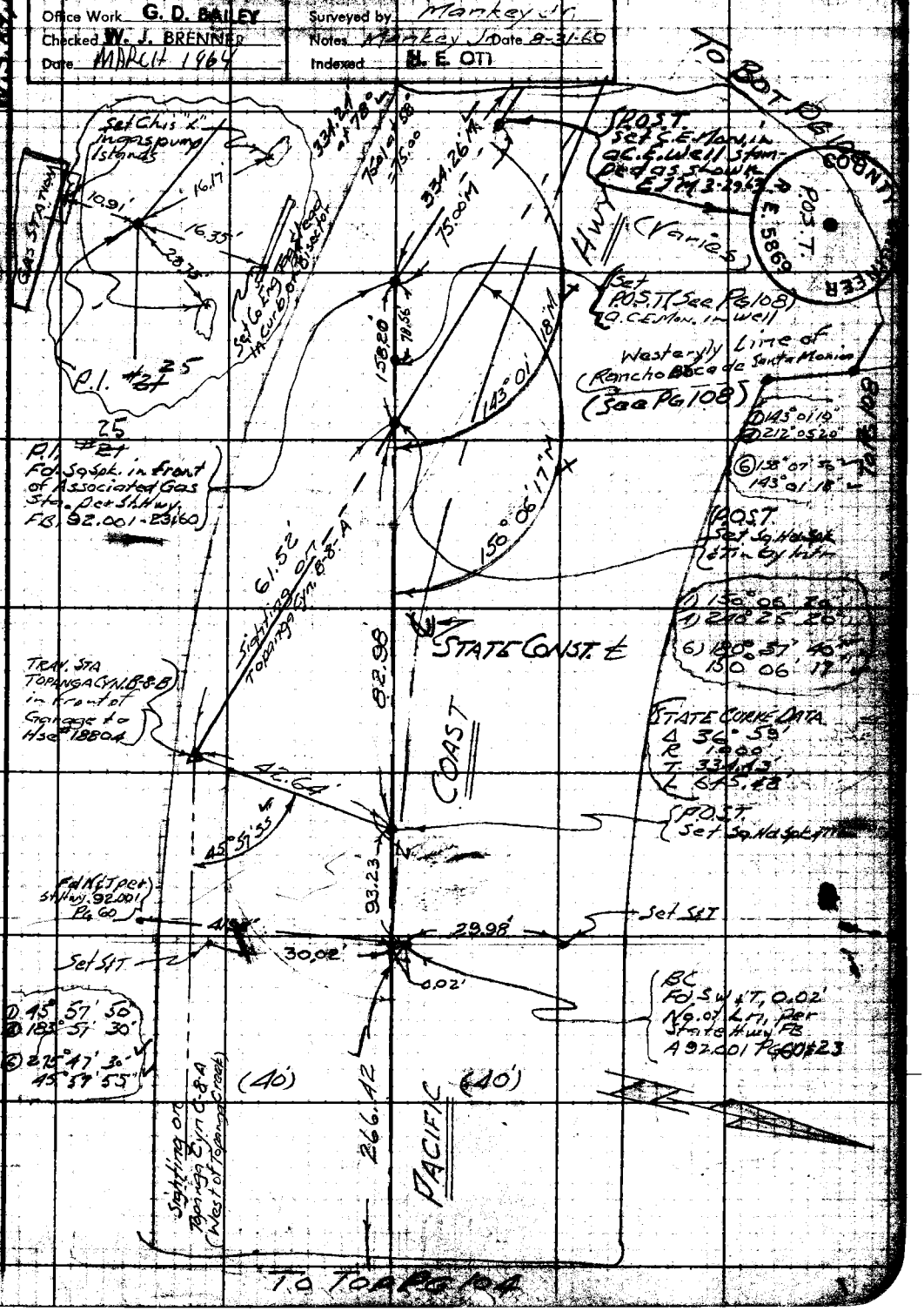
W.S. 87, D-5

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

Do not extend notes this side of this line.

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

763098 CE #247—7-58

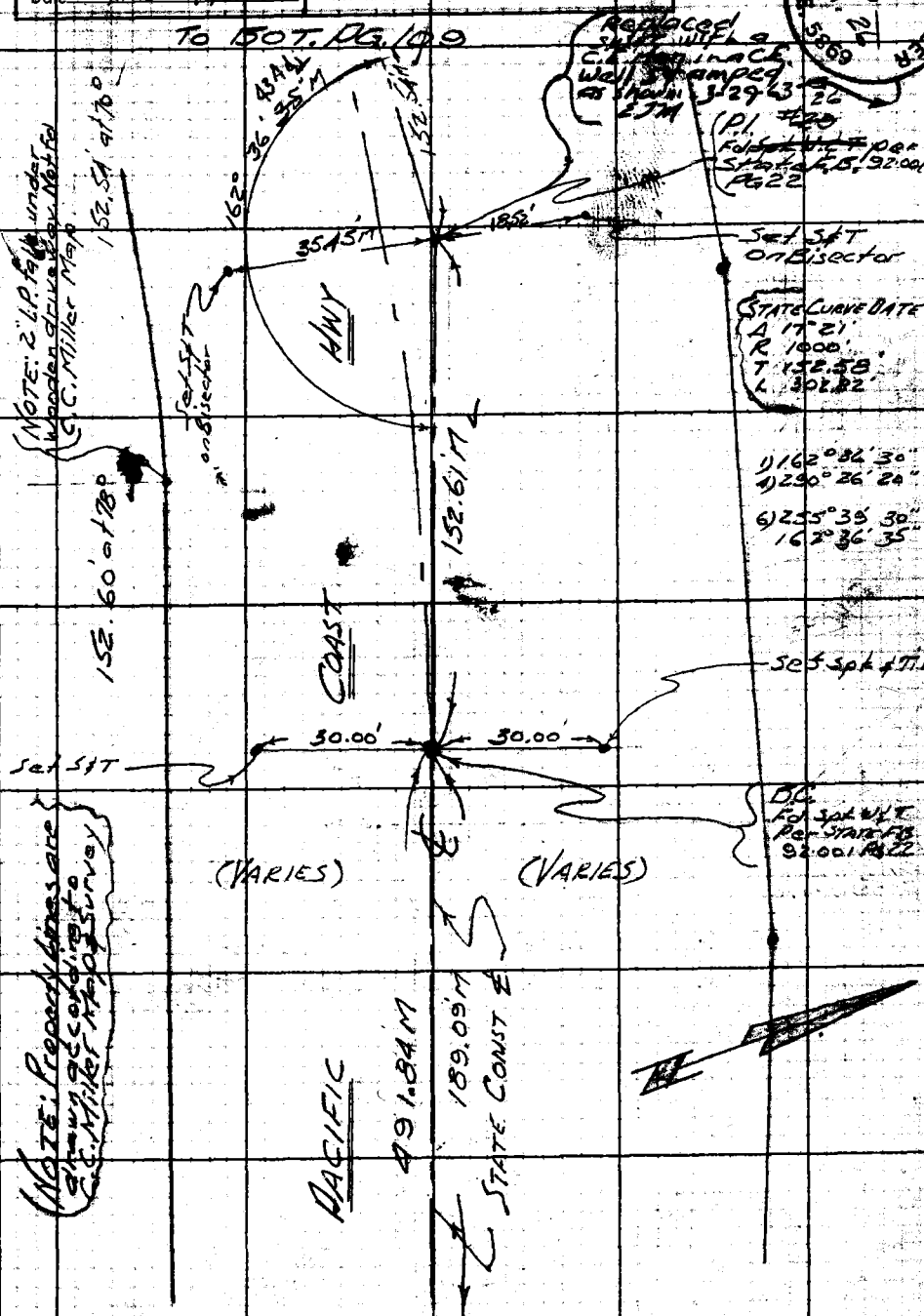


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by W. J. BRENNER	Survey of ℄ (Wtr. Works Dist 29)	F. B. 2659	Pg. 107
Map No. B-2868-1	JN 0303.00 Tape 088 Std 68° °F		
Office Work G. D. BAILEY	Surveyed by Mankey Jr.		
Checked W. J. BRENNER	Notes E T M Jr. Date 9-15-60		
Date MARCH 1964	Indexed H. E. OTI		



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

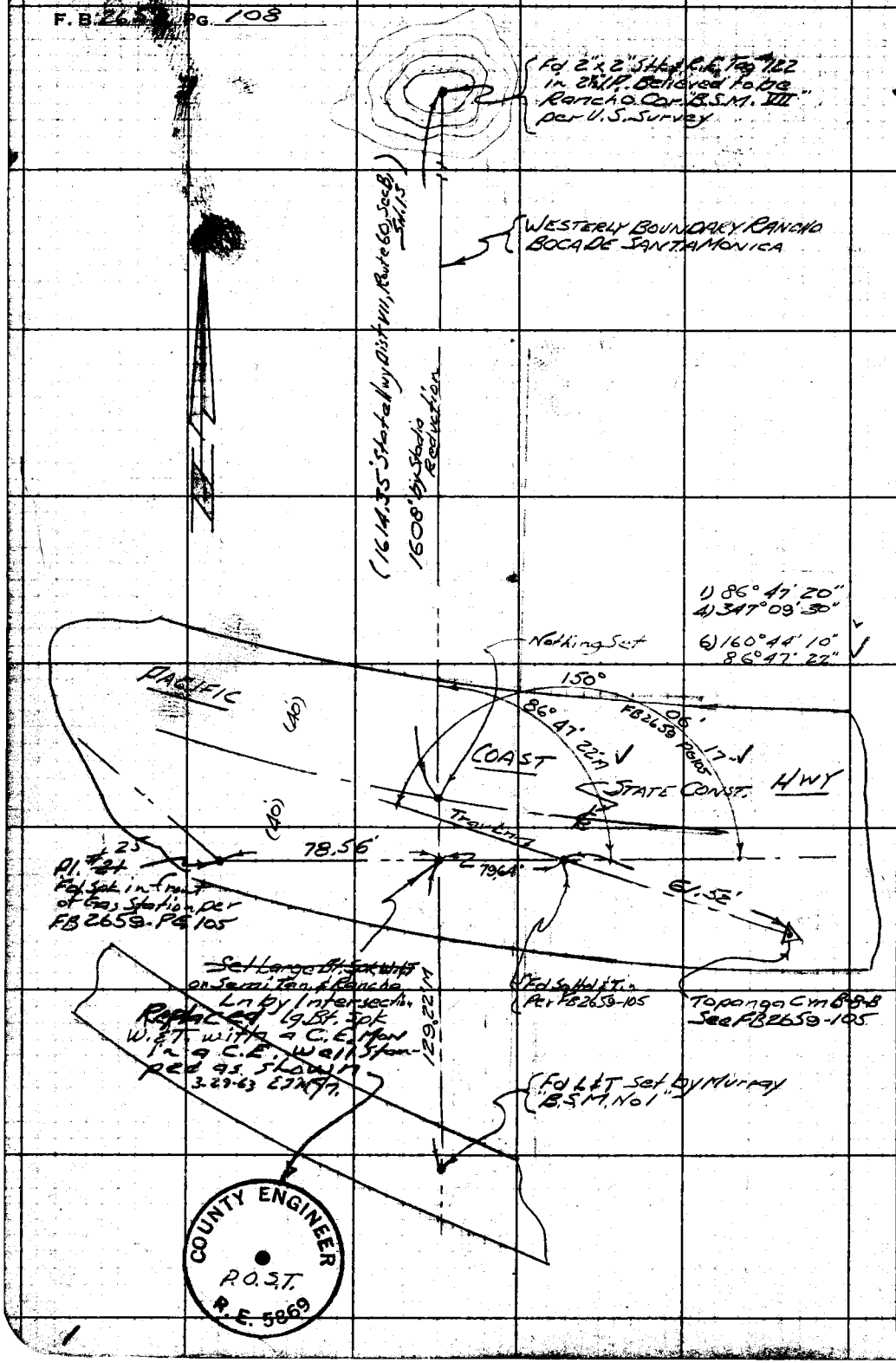
Do not extend notes this side of this line.

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

763098 CE #247—7-59

F. B. 2659 PG. 108

W.S.B.9 D-5



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

Do not extend notes this side of this line.

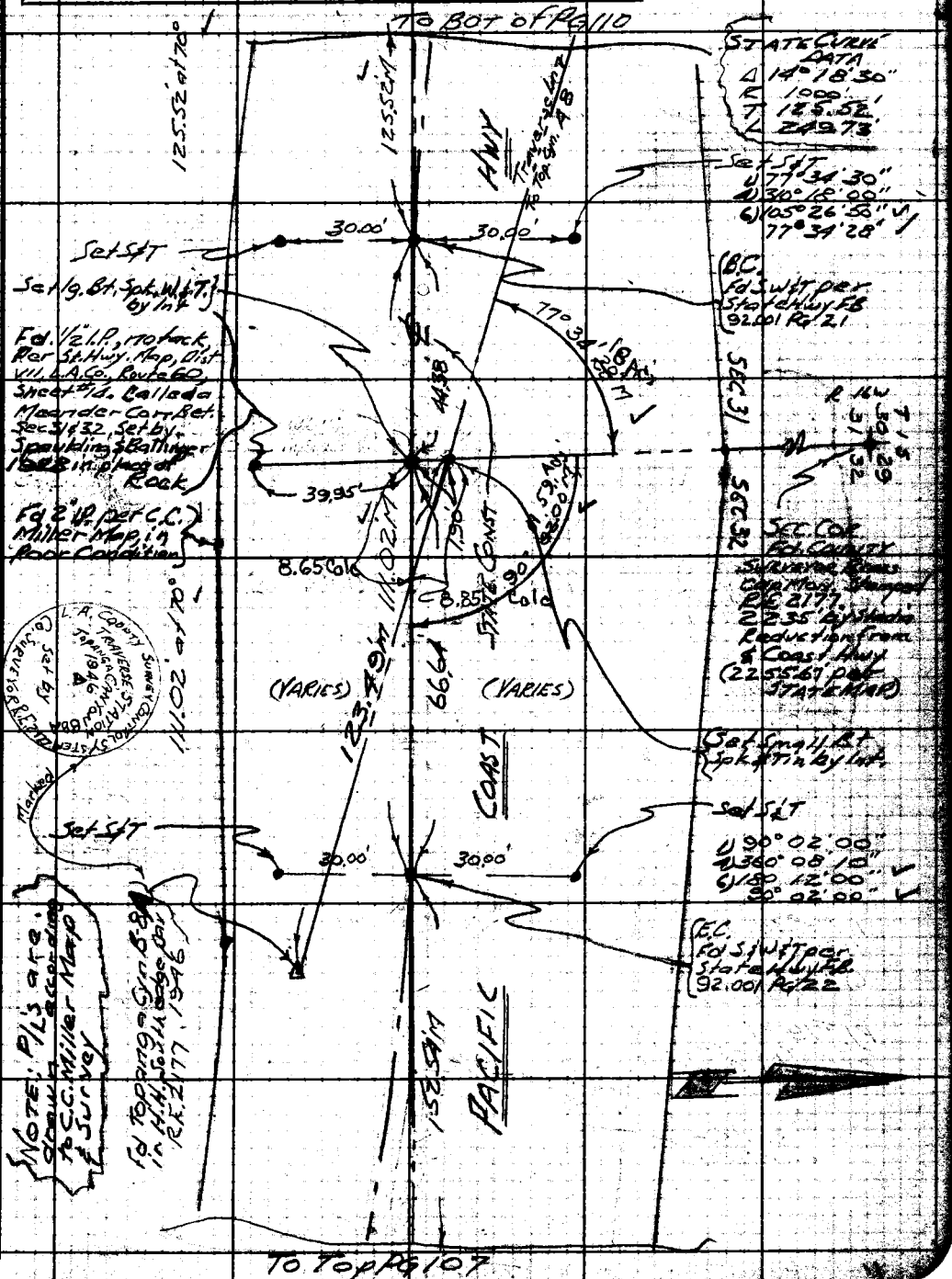
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of ℄ (w/tr. work Dist. #29)
Map No. 8-2868-1	JN 0303.00 Tape 088 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 9-23-60
Date MARCH 1964	Indexed E. OTI

F. B 2659 PG. 109

66.64
44.38
111.02

W.S. 89, D-5



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

Do not extend notes this side of this line.

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

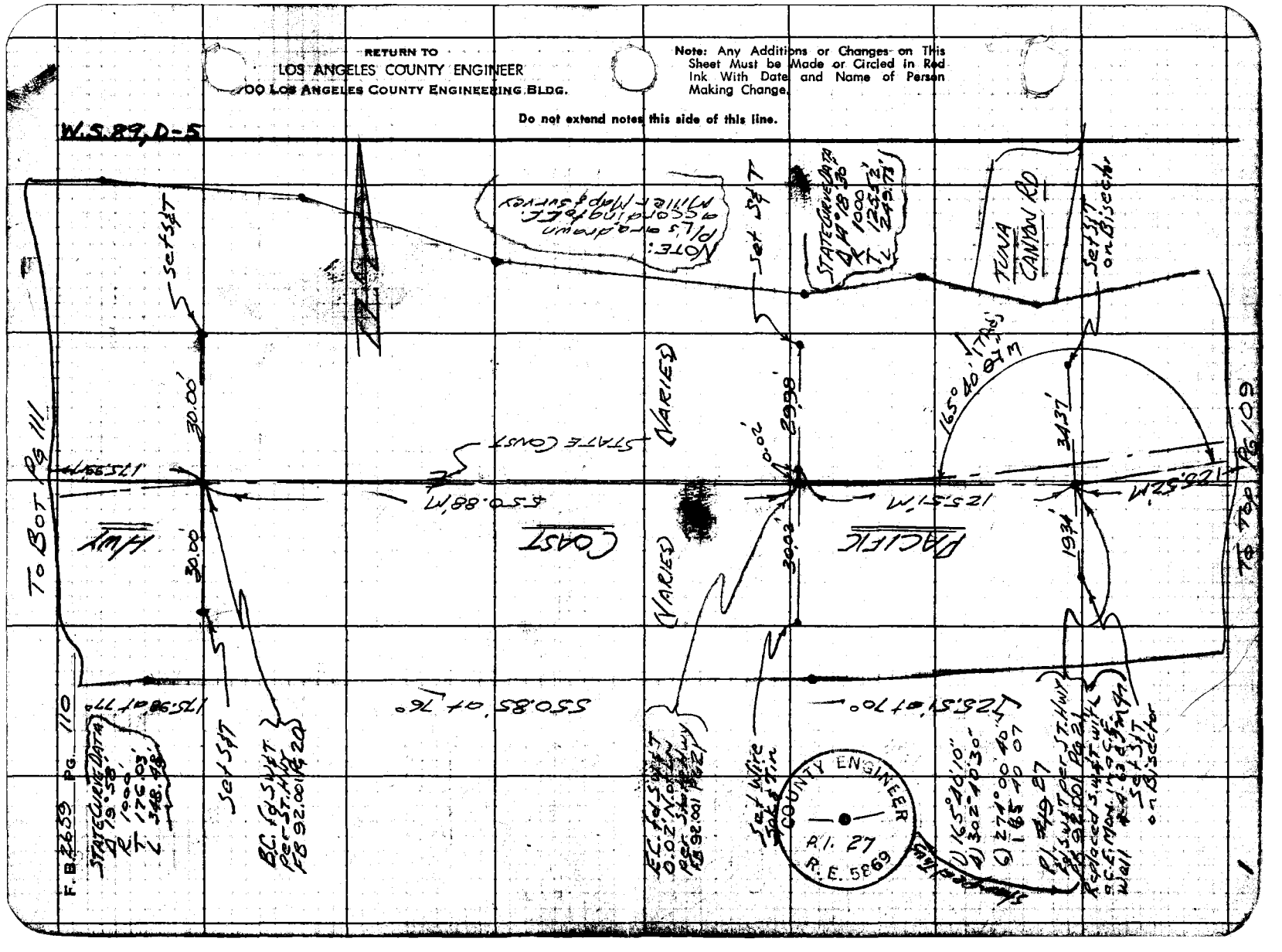
768098 CE #247—7-59

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

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

Do not extend notes this side of this line.

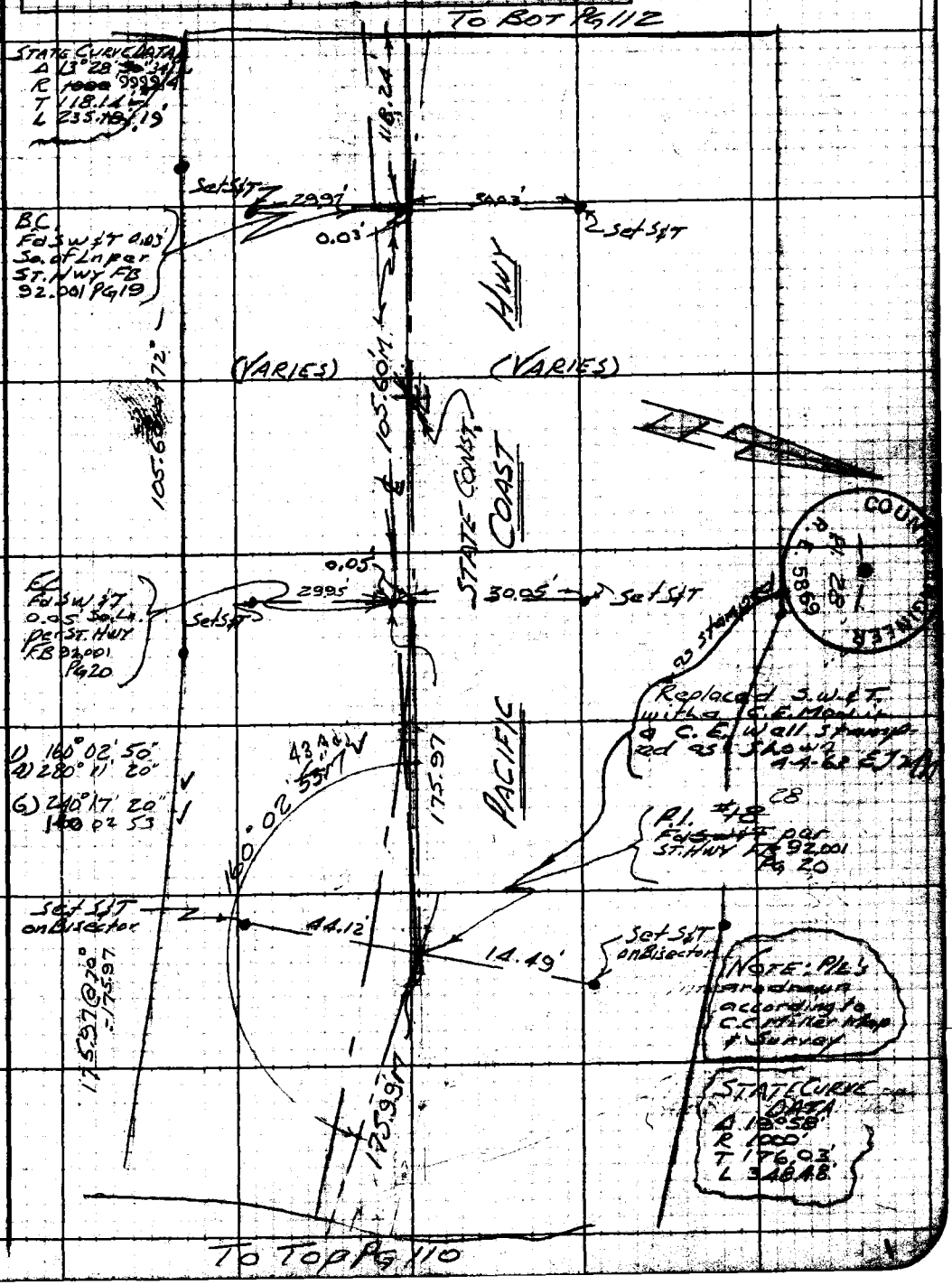
W.S. 89, D-5



W.S. 89, D-5

Notes Ck'd by W. J. BRENNER	Survey of ℄ Cwtr Works Dist #29
Map No. B-2868-1	JN 0303.00 Tape 088 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 9-27-60
Date MARCH 1964	Indexed E. E. OTI

F. B. 2659 PG. 111



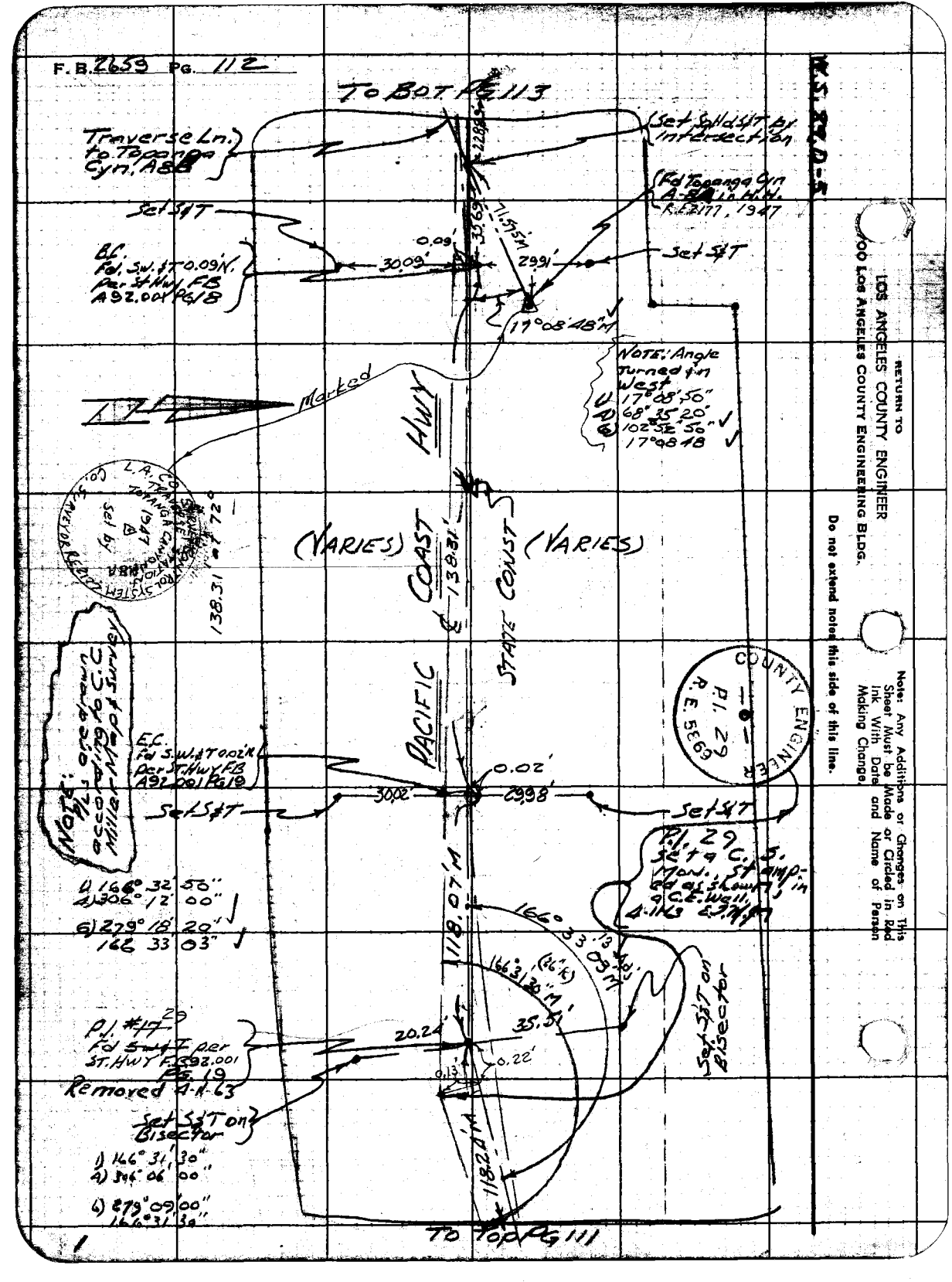
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

768098 CE #247—7-55

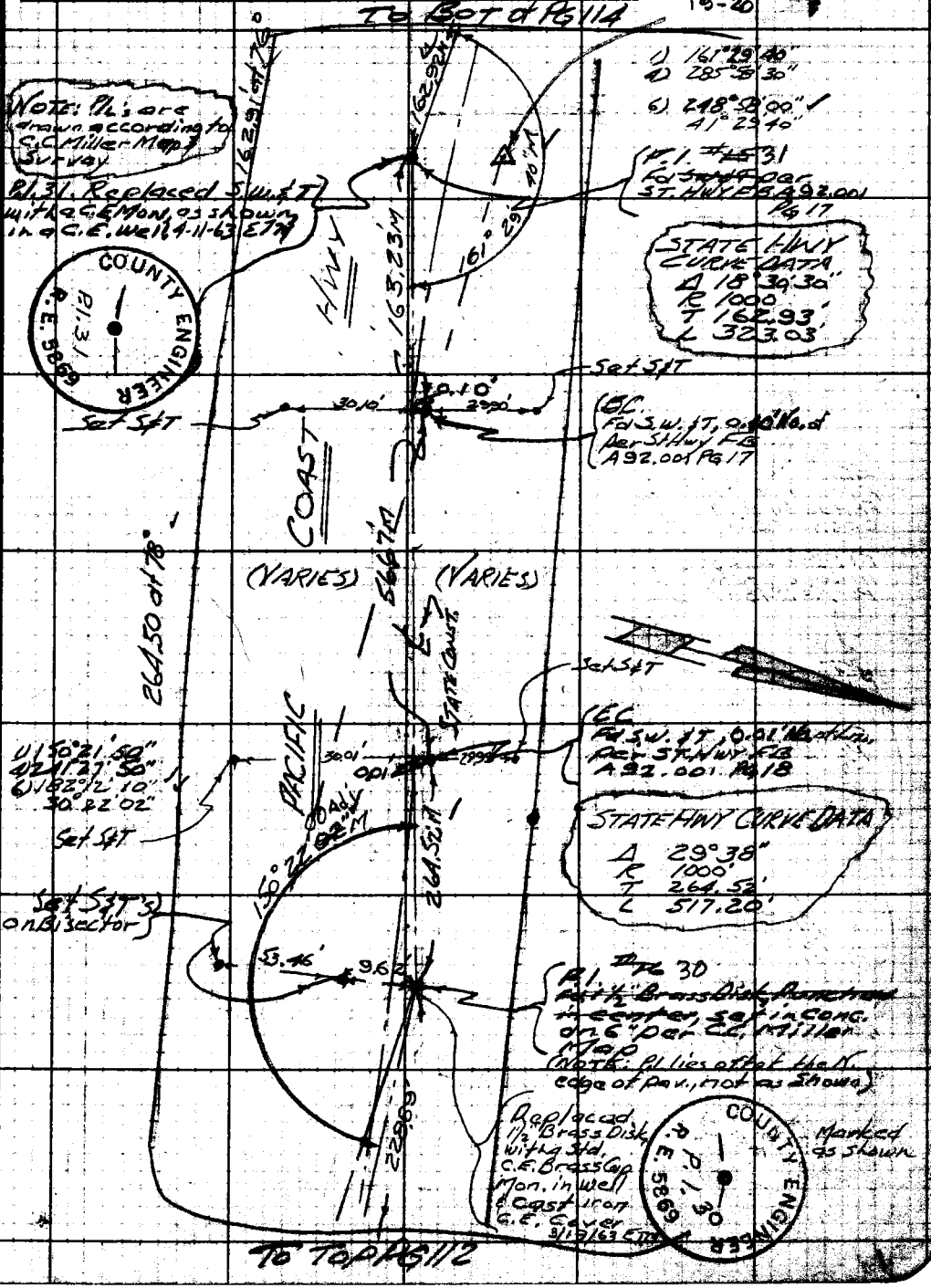
F.B. 2659 Pg. 112



Notes Ck'd by W. J. BRENNER	Survey of ℄ (Wtr Work Dist. #29)
Map No. B-2868-1	IN 0303.00 Tape .088 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 9-30-60
Date MARCH 1964	Indexed H. E. OTT

F. B. 2659 Pg. 113

To PANGA CAYYON A-8-B 19-20 See FB 936



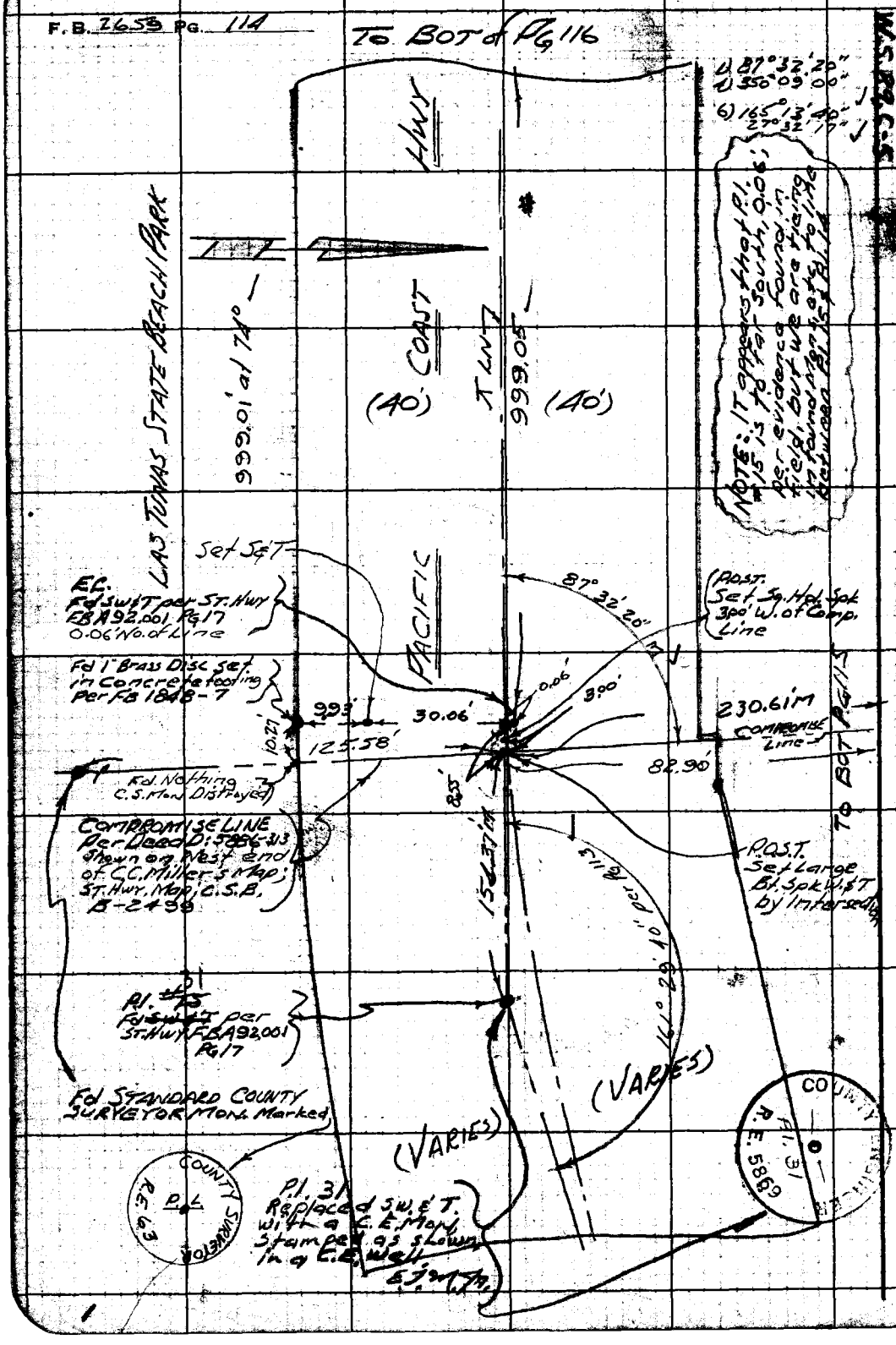
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-59

F.B. 2653 PG. 114



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

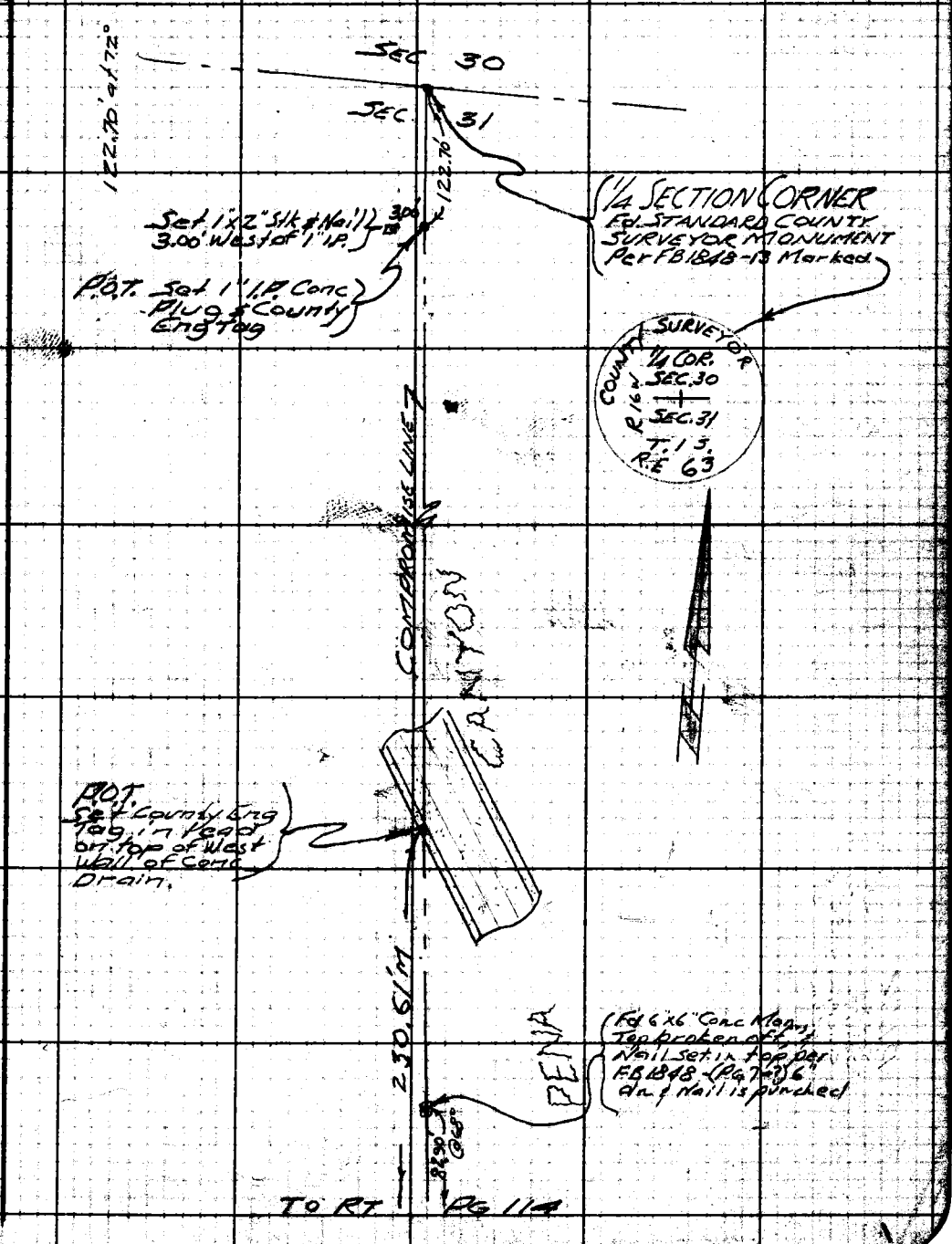
Do not extend notes this side of this line.

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

Notes Ck'd by W. J. BRENNER	Survey of ℄ (Wtr. Work Dist #29)
Map No. B-2868-1	JN 0303.00 Tape 088 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes EFM Jr. Date 10-3-60
Date MARCH 1964	Indexed H. E. OTT

F. B. 2659 Pg. 115

W.S. 89, C-5



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

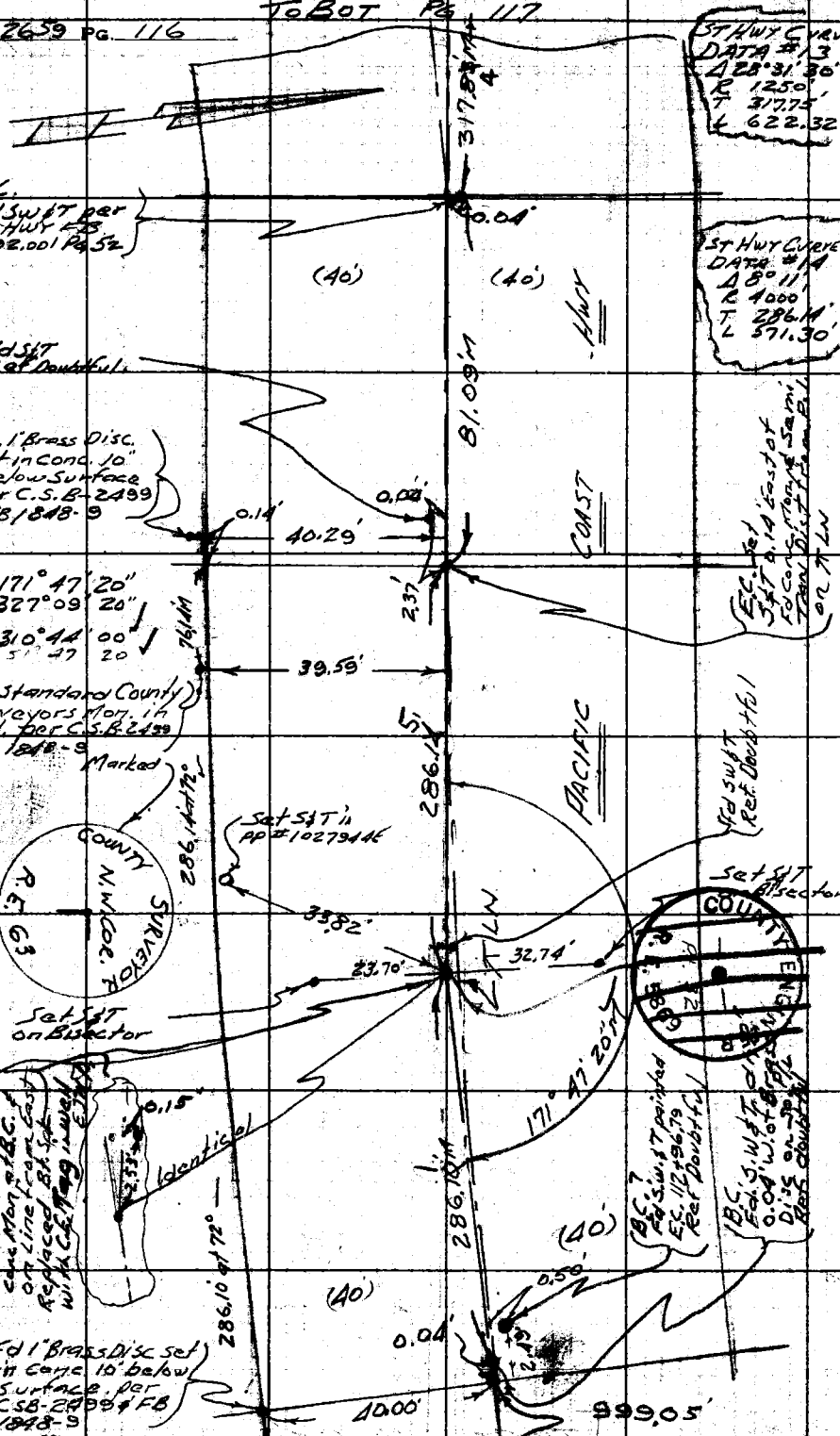
Do not extend notes this side of this line.

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

76309S CE #247—7-5

F.B. 2659 PG. 116

TO BOT PG 117



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

Do not extend notes this side of this line.

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

1

Notes Ck'd by W. J. BRENNER	Survey of Co. Wtr. Wks. Dists. #29
Map No. B-2868-1	JN 4703.00 Tape 68 Std. 68° °F
Office Work G. D. BAILEY	Surveyed by Mankay Jr.
Checked W. J. BRENNER	Notes E.F.M. Jr. Date 10-11-60
Date MARCH 1964	Indexed H. E. OTT

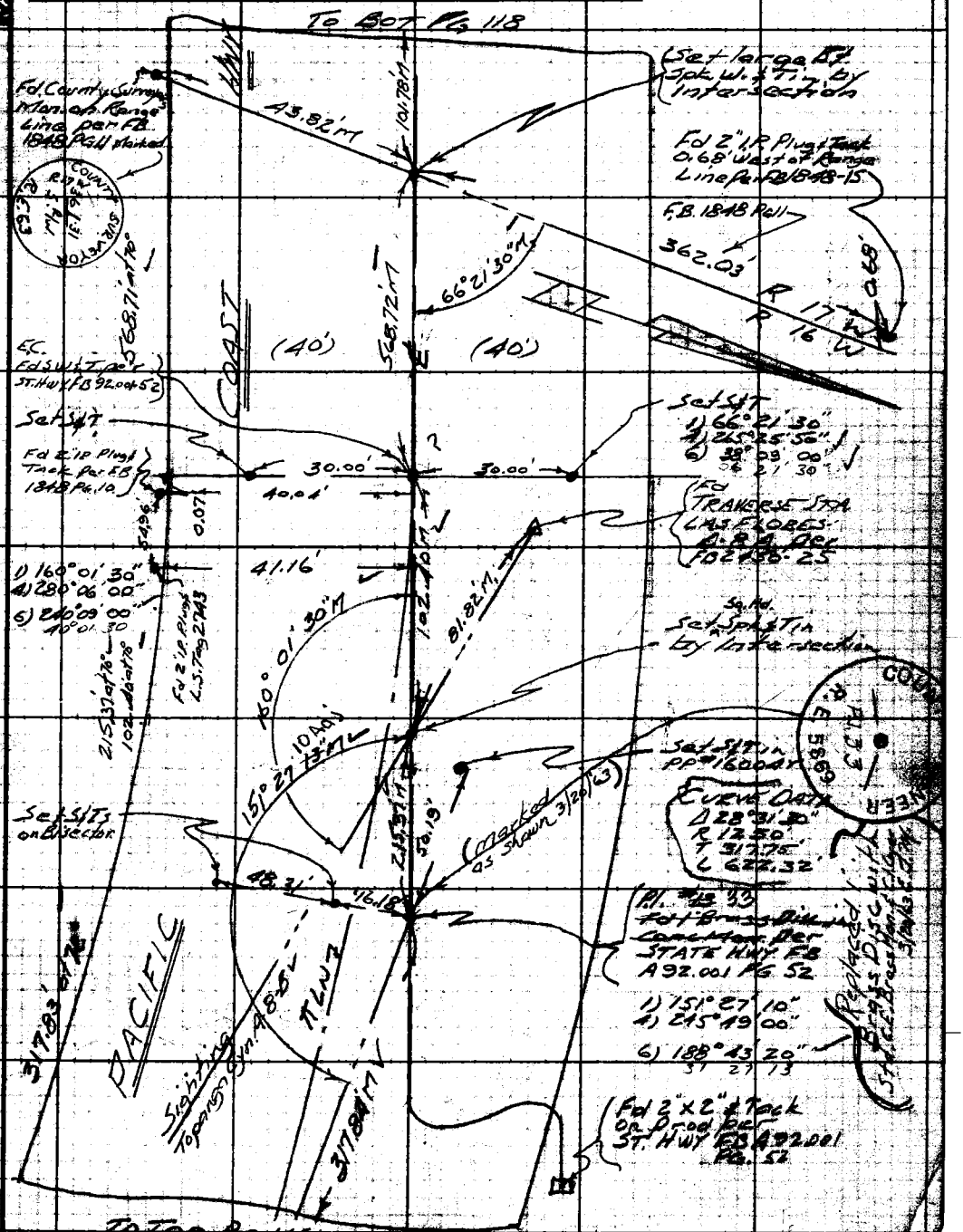
F. B. 2659 Pg. 117

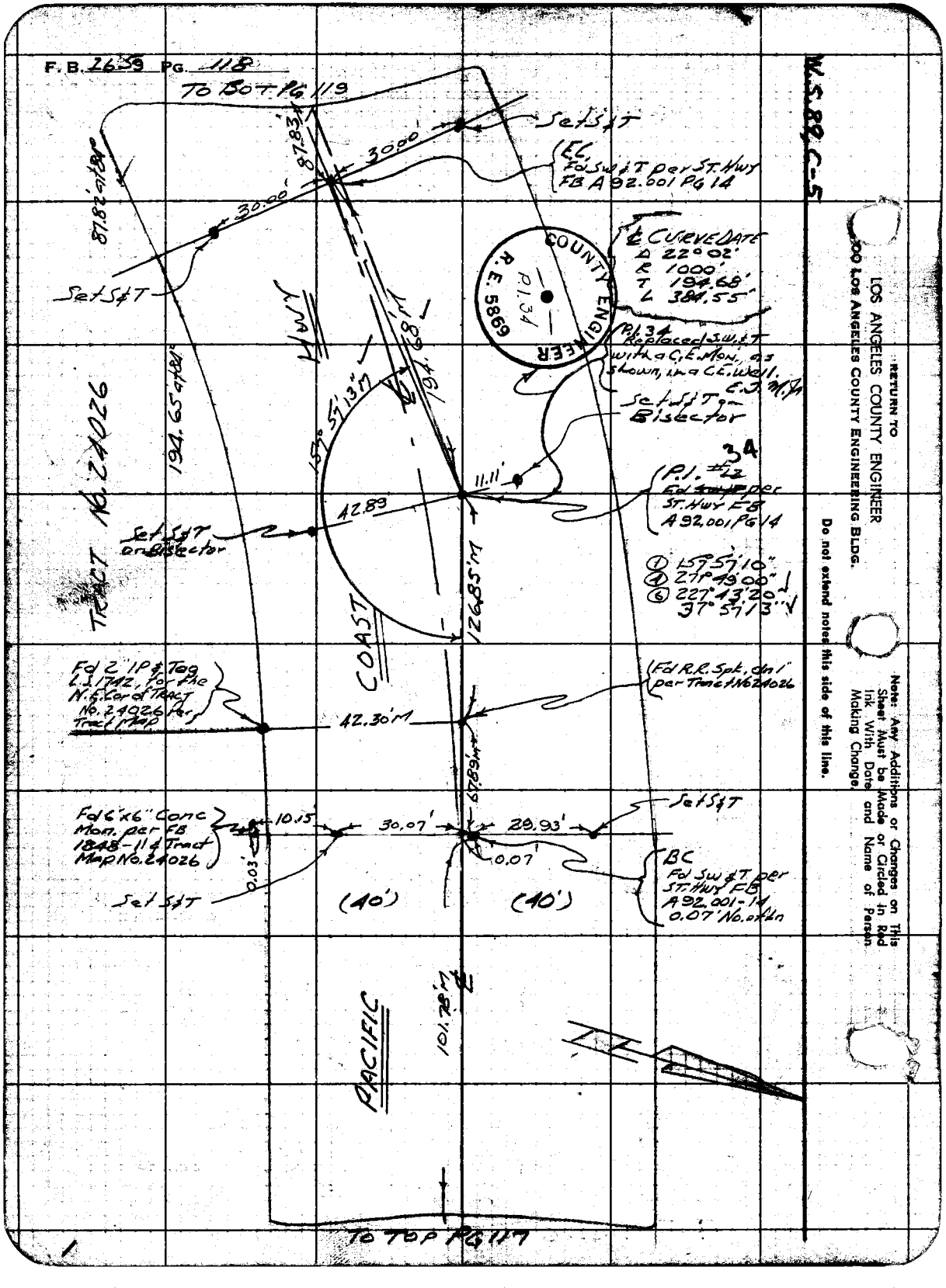
Note: Any Additions or Changes on Sheet Must be Made or Circled in Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

765088 CE #247—7-63

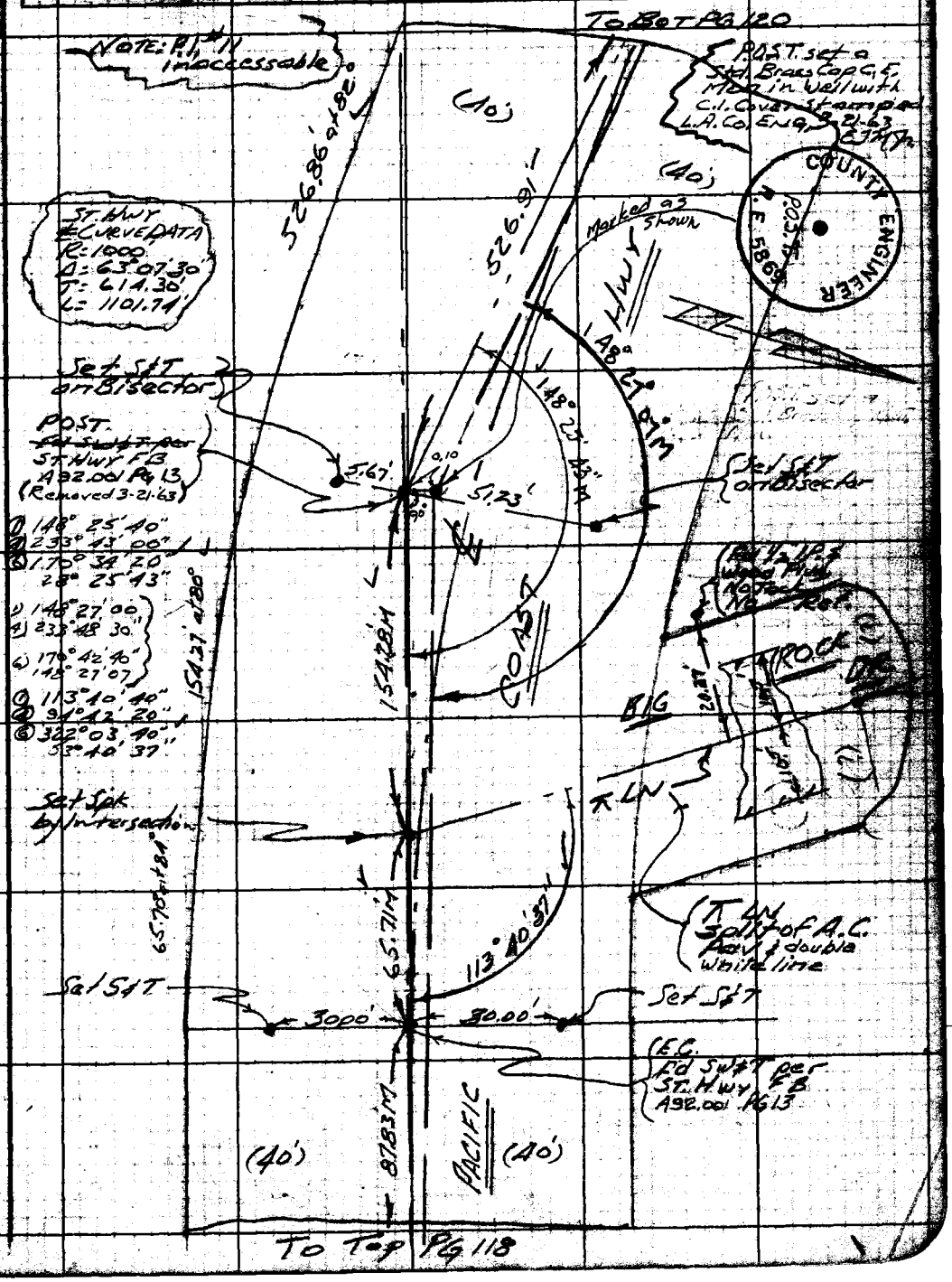



F.B. 2659 PG. 118
TO BOT PG 119
Set S&T
30.00'
87.83'
87.82' at 84°
30.00'
Set S&T
EC
Fd Sw & T per ST. Hwy FB A 92.001 PG 14
℄ CURVE DATE
Δ 22° 02'
R 1000'
T 194.68'
L 384.55'
COUNTY ENGINEER
R.E. 5869
P.I. 34
P.I. 34 Replaced S.W. & T with a C.E. Mon. as shown, in a C.E. Well.
E.J. M.Jr.
Set S&T on Bisector
34
P.I. #12
Fd per ST. Hwy FB A 92.001 PG 14
11.11'
42.89
Set S&T on Bisector
TRACT No. 24026
194.65' at 84°
157° 57' 13" M
194.68'
126.85' M
COAST
① 157° 57' 10"
④ 27° 49' 00"
⑥ 227° 43' 20"
37° 57' 13"
Fd 2" IP & Tag L.S. 1742, for the N.E. Cor of Tract No. 24026 per Tract Map
42.30' M
Fd R.R. Spk. dn 1" per Tract No 24026
67.89' M
Fd 6"x6" Conc Mon. per FB 1848-11 & Tract Map No. 24026
10.15
30.07'
29.93'
Set S&T
0.03'
0.07'
Set S&T
BC
Fd Sw & T per ST. Hwy FB A 92.001-14
0.07' No. of Ln
(40')
(40')
PACIFIC
101.78' M
TO TOP PG 117
W.S. 89, C-5
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of ℄ Cwtr Work Dist 25
Map No. B-2868-1	IN 0303.00 Tape 0.88 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes [illegible] Date [illegible]
Date MAR '64	Indexed H. E. OTT

F. B 2655 PG. 119

W.S. 87, C-5



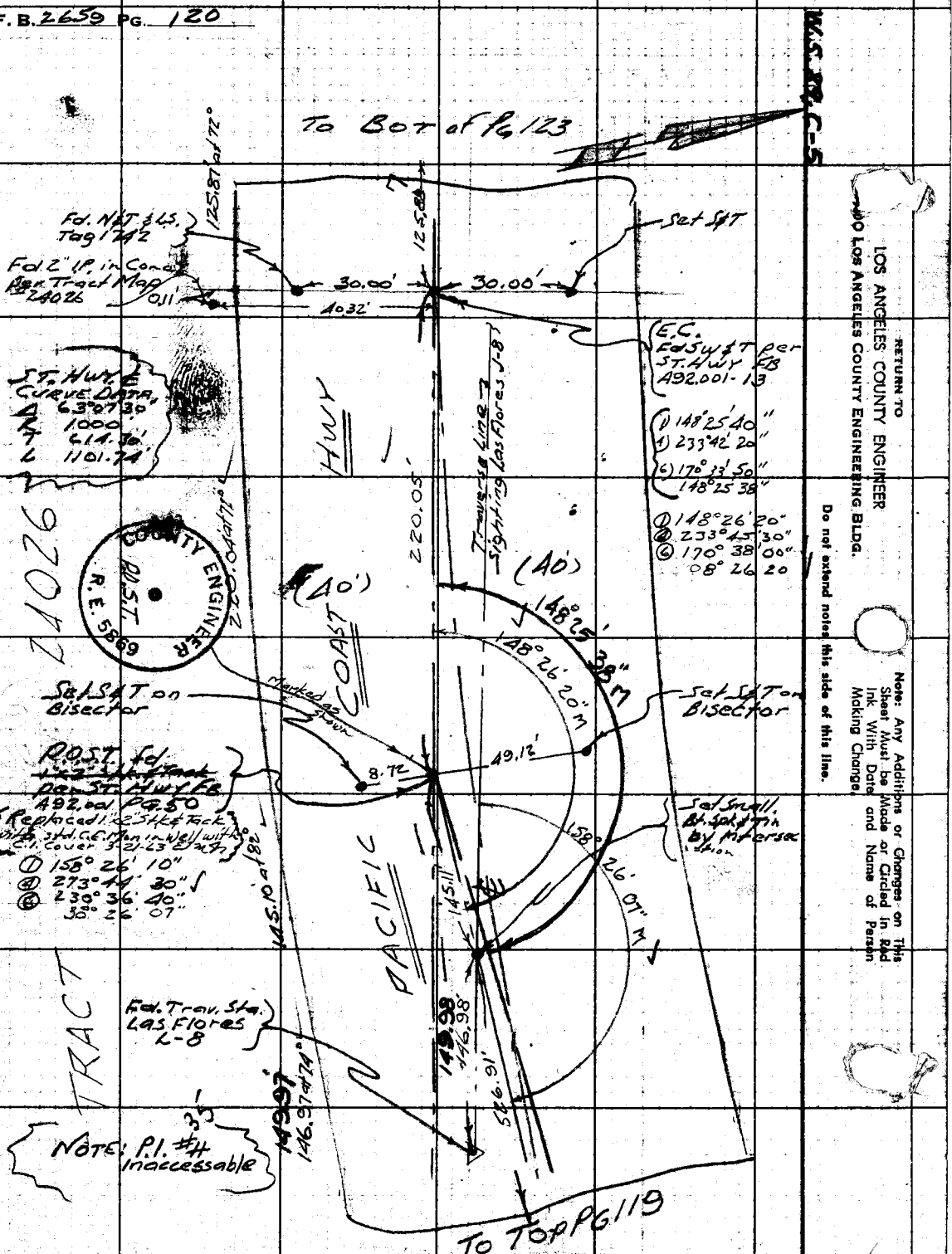
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. 2659 PG. 120



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

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

Do not extend notes this side of this line.

Notes Ck'd W. J. BRENNER	Survey of ℄ Cwtn Works Dist 29
Map No. B-2868-2	JN 0303,00 Tape 088 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes E T M Jr. Date 10-19-60
Date MAR '64	Indexed H. E. OTT JAN 9 '65

F. B. 2659 PG. 121

JN 0303,00

WATER WORKS DISTRICT #29

℄

PACIFIC COAST HWY
from
BIG ROCK DRIVE
to
LAS FLORES CYN.

Mankey Jr
Voge
Swann
Manley
Jones

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

Do not extend notes this side of this line.

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

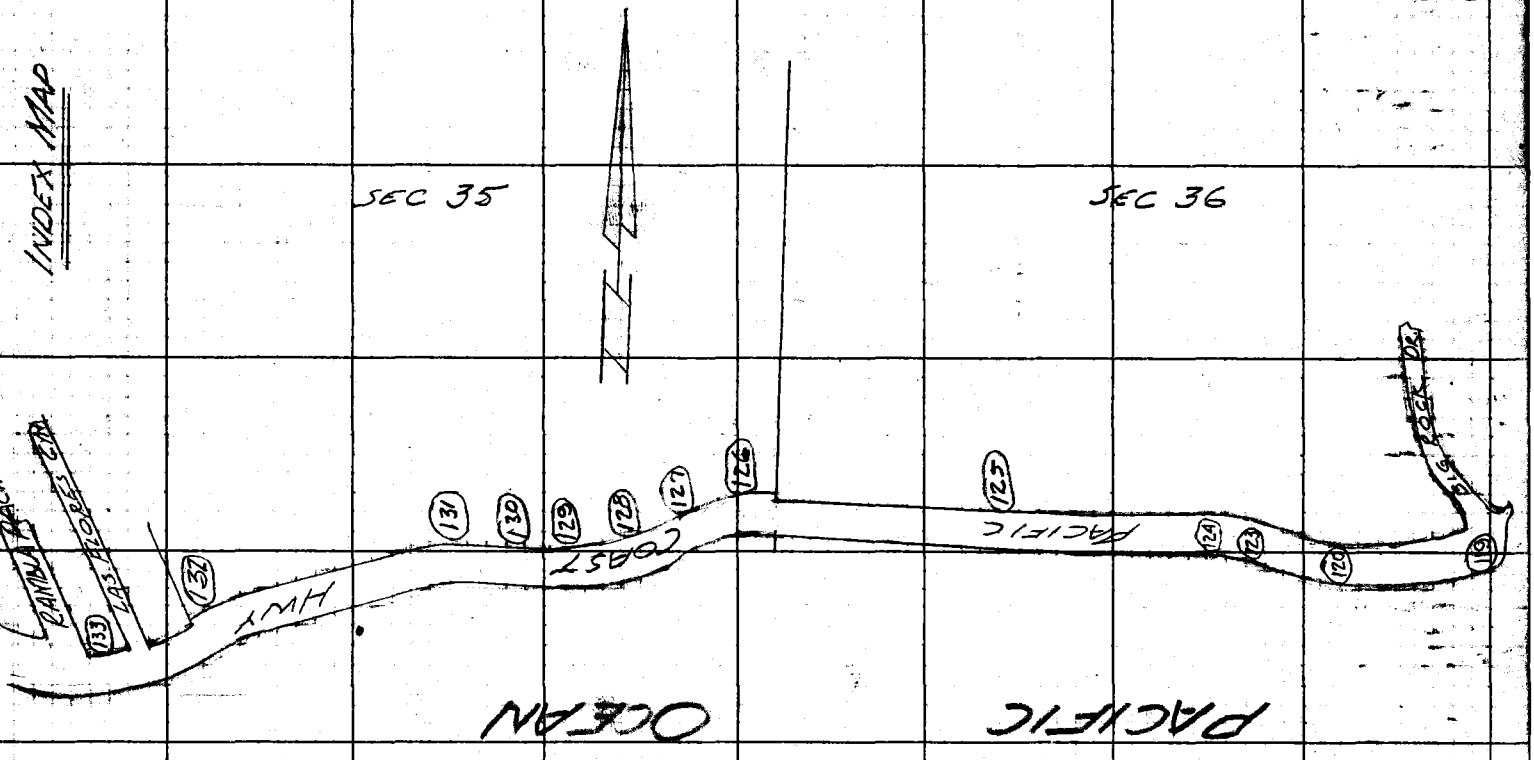
763098 CE #247—7-58

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

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

Do not extend notes this side of this line.

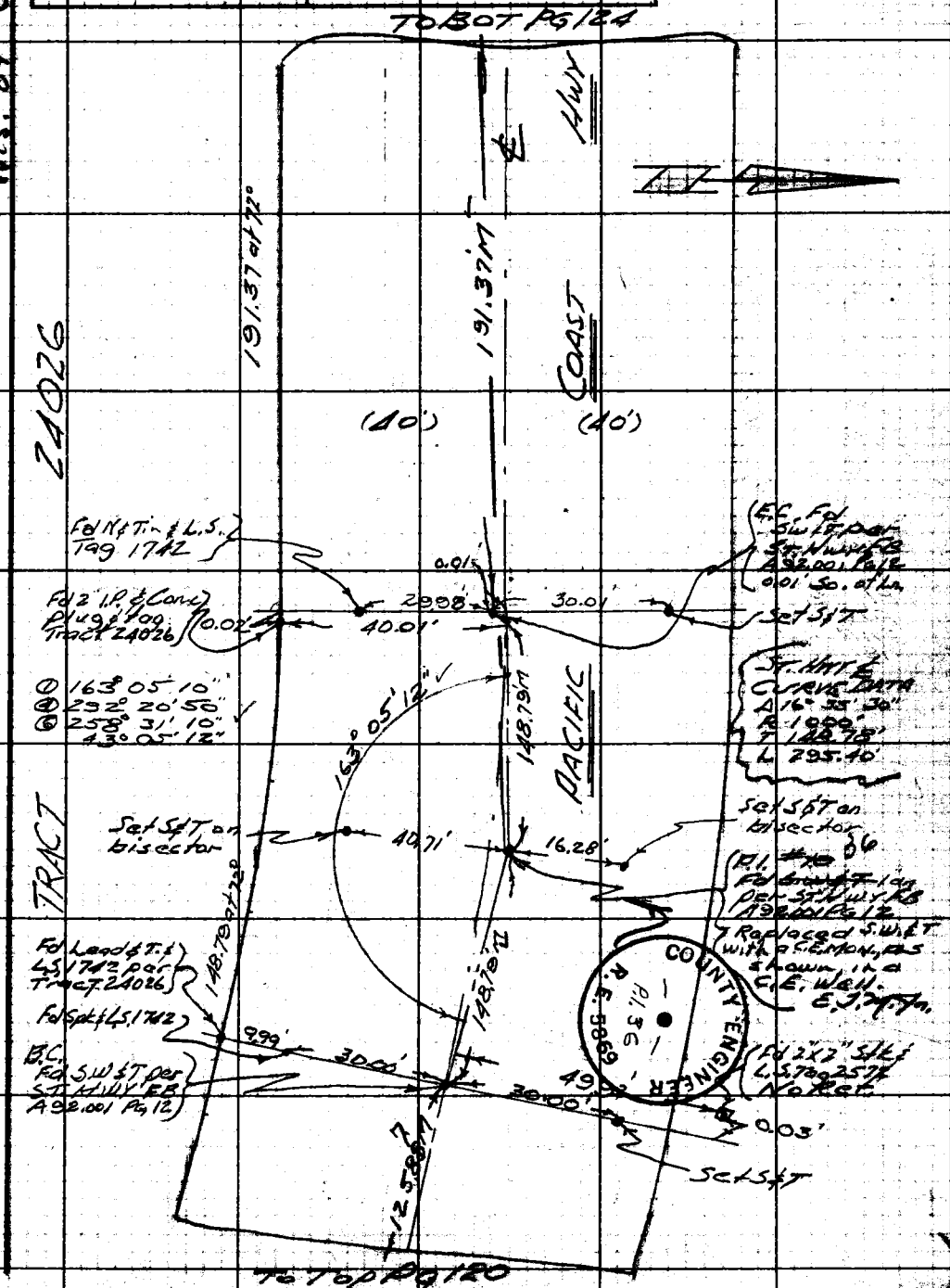
INDEX MAP



F.B. 1639 PG. 122

Notes Ck'd by W. J. BRENNER	Survey of [illegible]
Map No. B-2868-2	JN 0303.00 Tape .088 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes [illegible] Date 10-19-60
Date [illegible] '64	Indexed H. E. OTT

F. B. 2659 Pg. 123



W.S. 84-C-5

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

Do not extend notes this side of this line.

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

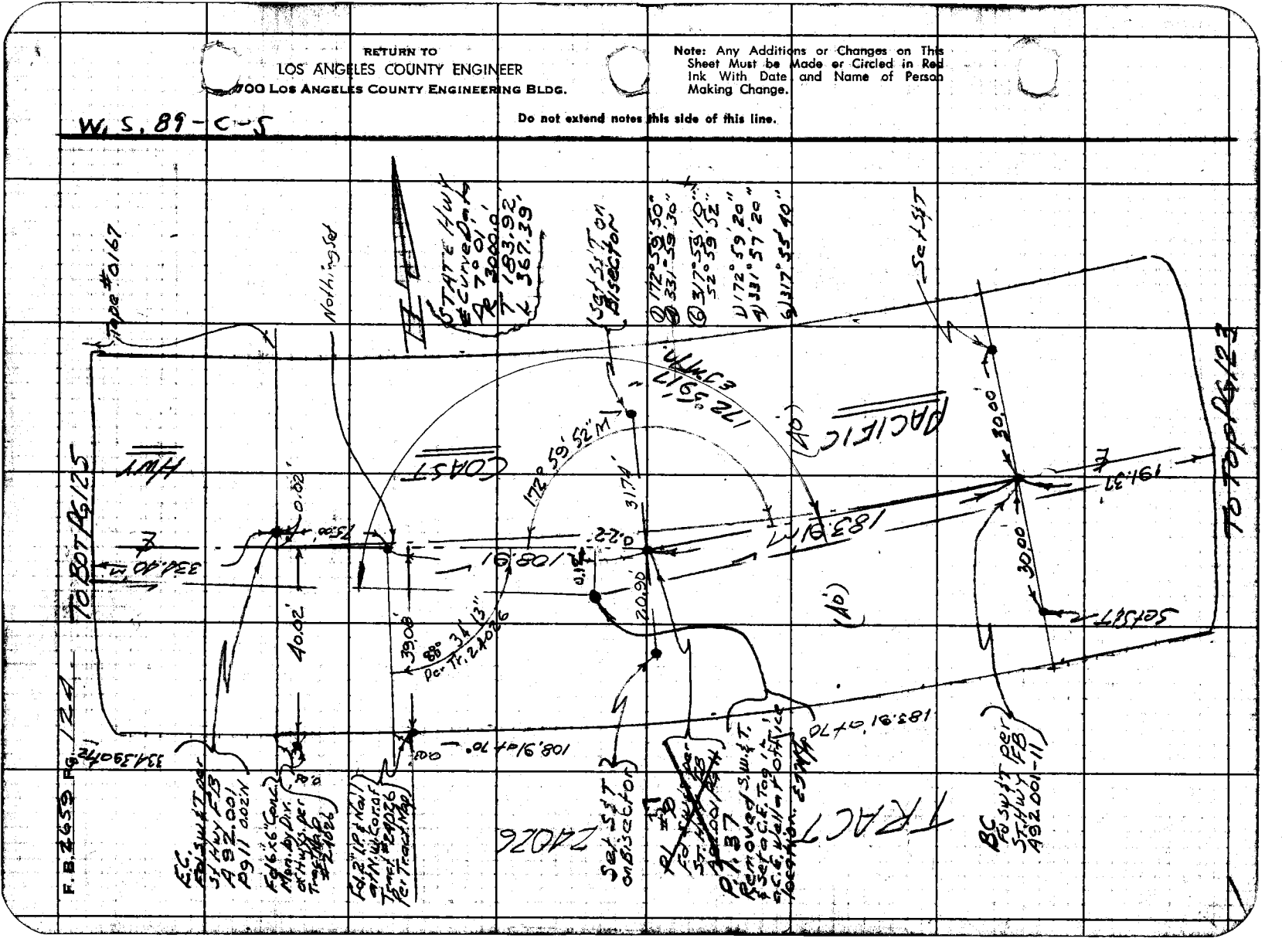
763098 CE #247—7-58

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

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

Do not extend notes this side of this line.

W.S. 89-C-5



Notes Ck'd by W. J. BRENNER	Survey of E. Cust. Work Div. #9
Map No. B-2868-2	JN 230200 Tape 0167 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Monkey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 10-22-60
Date MAR '64	Indexed H. E. OTT

F. B. 2659 Pg. 125

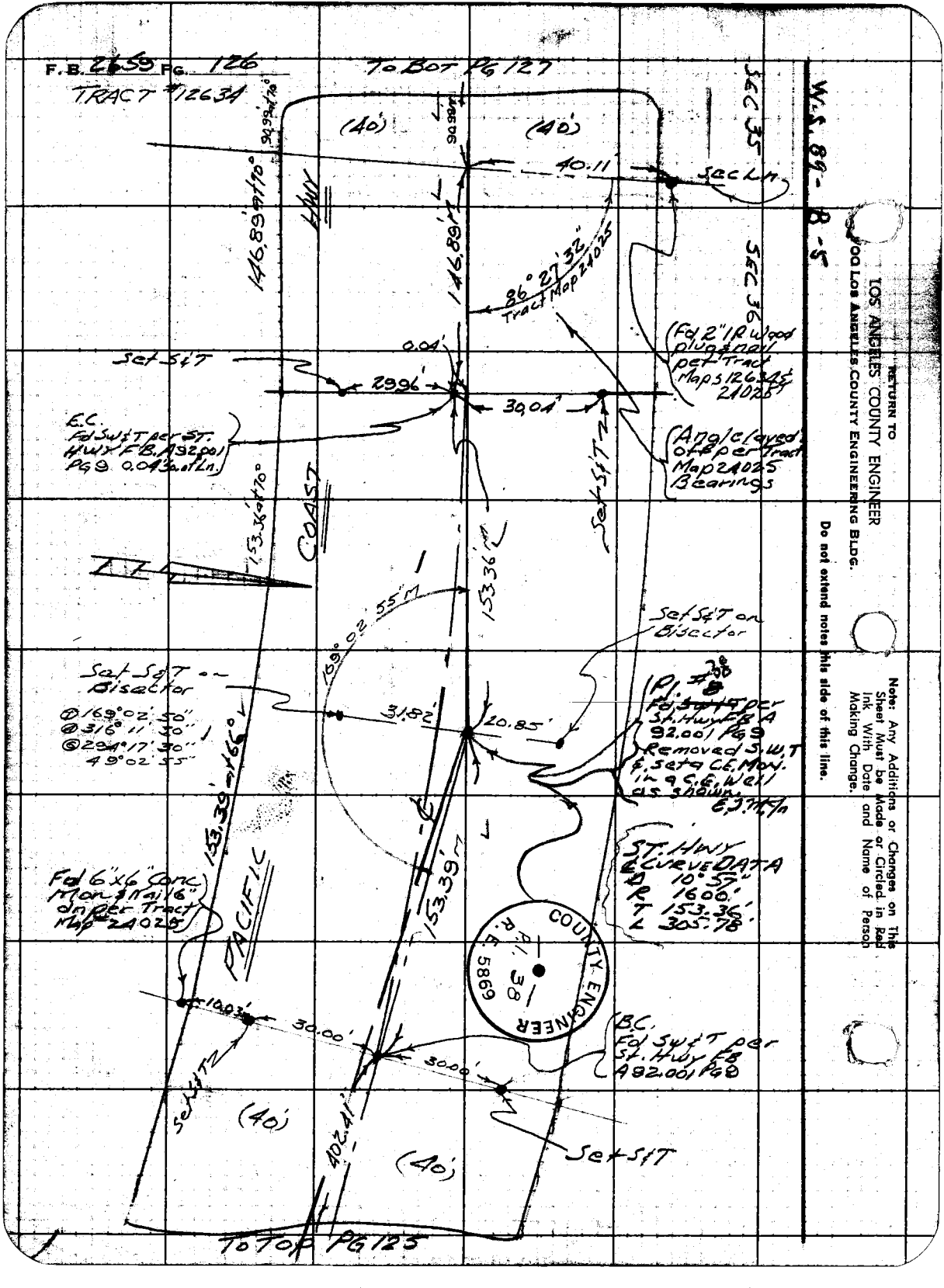
W.S. 84 C-5

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

Do not extend notes this side of this line.

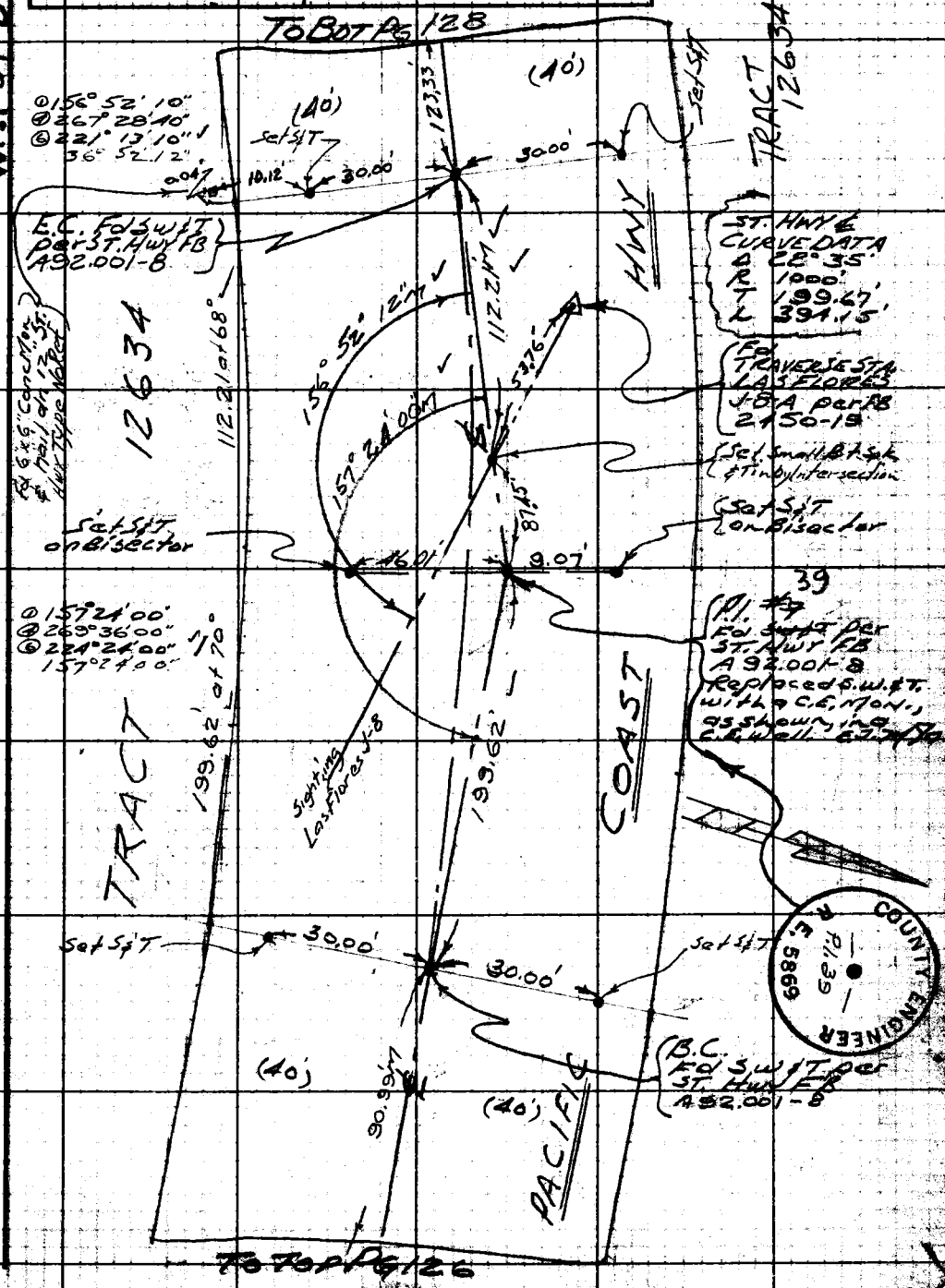
RETURN TO
LOS ANGELES COUNTY ENGINEER
LOS ANGELES COUNTY ENGINEERING BLDG.

76309S CE #247—7-55


F.B. 2659 PG. 126
TRACT #12634
To Bot PG 127
(40')
(40')
40.11
Sec Ln.
SEC 35
SEC 36
W.S. 89-B-5
146.89' at 70°
146.89' M
86° 27' 32"
Tract Map 24025
Fd 2" IR wood plug & nail per Tract Maps 12634 & 24025
Set S&T
0.04'
29.96'
30.04'
E.C. Fd Sw&T per St. Hwy F.B. A92.001 PG 9 0.04' 30.0' Ln.
Angle layed off per Tract Map 24025 Bearings
Set S&T
153.36' at 70°
COAST
153.36' M
169° 02' 55" M
Set S&T on Bisector
Set S&T on Bisector
① 169° 02' 50"
② 316° 11' 30"
③ 294° 17' 30"
49° 02' 55"
31.82'
20.85'
P.I. #8
Fd Sw&T per St. Hwy F.B. A 92.001 PG 9
Removed S.W.T & set a C.E. Mon. in a C.E. Well as shown.
E.J.M. c/n
153.39' at 66°
153.39' M
ST. HWY ℄ CURVE DATA
D 10° 57'
R 1600'
T 153.36'
L 305.78'
Fd 6"x6" Conc Mon & Nail 6" dn per Tract Map 24025
PACIFIC
COUNTY ENGINEER
P.I. 38
R.E. 5869
10.03'
30.00'
30.00'
B.C. Fd Sw&T per St. Hwy F.B. A92.001 PG 9
Set S&T
(40')
402.41'
(40')
Set S&T
To Top PG 125
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of ℄ (Wtr Work Dist #28)
Map No. B-2868-2	JN 030300 Tape 0167 Std. 58° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes [illegible] Date 10-28-60
Date MAR '64	Indexed B. E. OTT

F. B. 2658 PG. 127

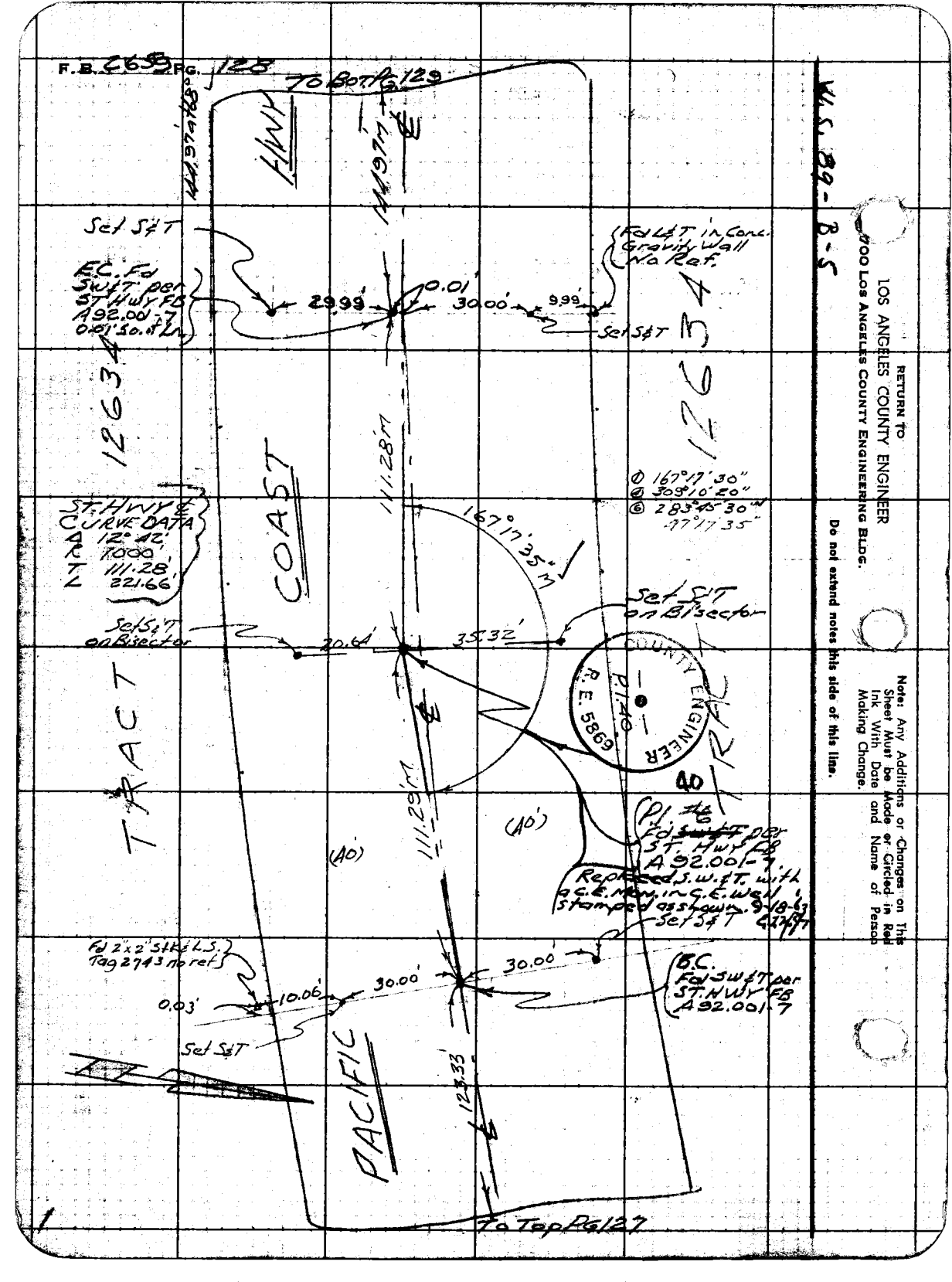


Notes: Any Additions or Changes on This Sheet Must be Made of Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

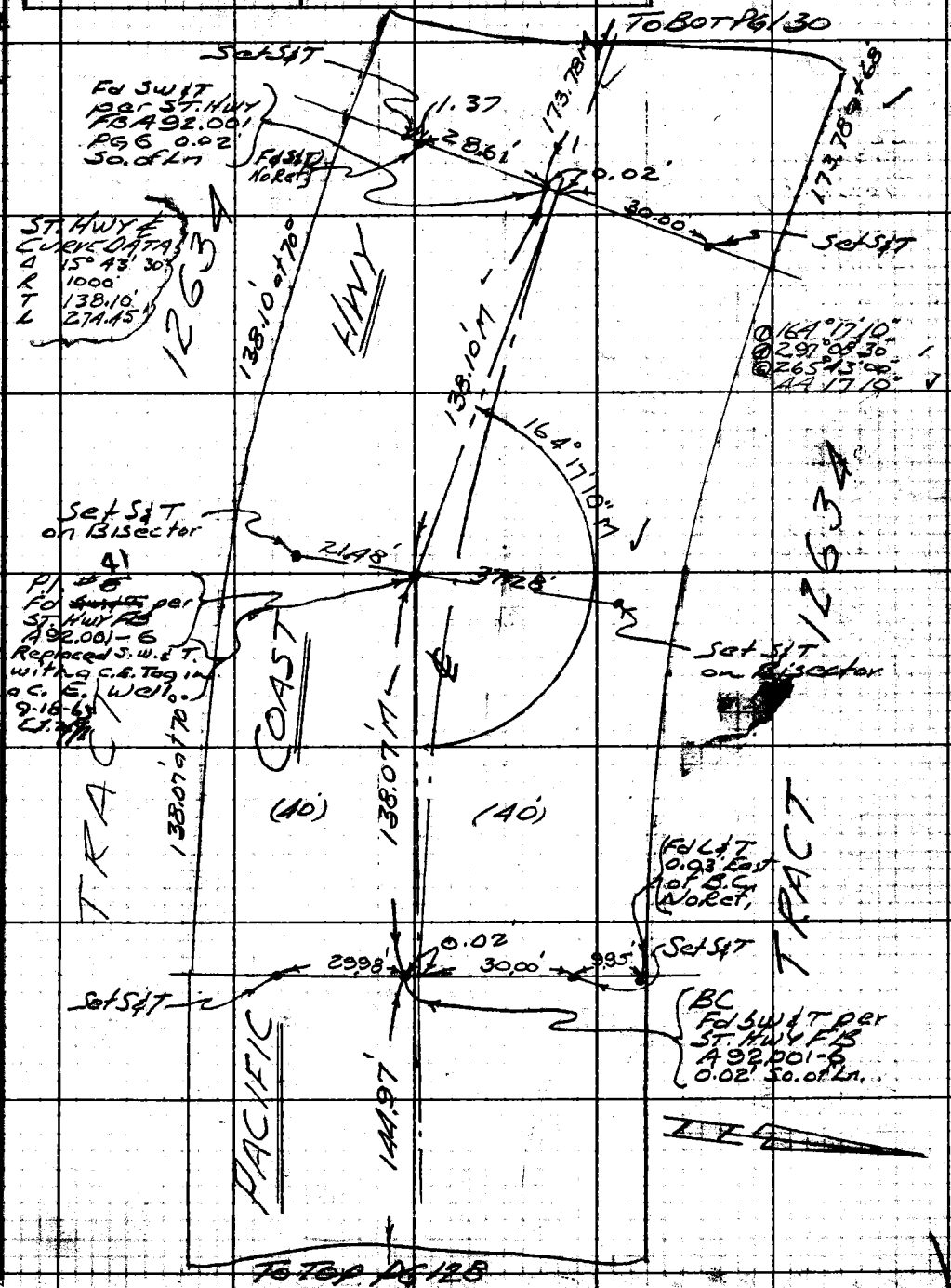
763098 CE #247—7-53


F.B. 2659 PG. 128
To Bot Pg 129
HWY
144.97' at 68°
144.97'
Set S&T
E.C. Fd SW&T per ST HWY FB A92.001-7 0.01' So. of Ln.
29.99'
0.01'
30.00'
9.99'
Set S&T
Fd L&T in Conc. Gravity Wall No Ref.
12634
12634
COAST
111.28'
ST. HWY & CURVE DATA
Δ 12° 42'
R 1000'
T 111.28'
L 221.66'
167°17'35"
① 167°17'30"
④ 309°10'20"
⑥ 283°45'30"
47°17'35"
Set S&T on Bisector
Set S&T on Bisector
20.64'
35.32'
COUNTY ENGINEER
P.I. 40
R.E. 5869
TRACT
TRACT
111.29'
(A0')
(A0')
P.I. #6 Fd SW&T per ST. HWY FB A92.001-7
Replaced S.W.&T. with a C.E. Mon. in C.E. Well stamped as shown. 9-18-63
Set S&T
Fd 2"x2" Stk & L.S. Tag 2743 no ref.
0.03'
10.06'
30.00'
30.00'
B.C. Fd SW&T per ST. HWY FB A92.001-7
Set S&T
PACIFIC
123.33'
To Top Pg 127
W.S. 89-B-5
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of ℄ (W.W. Dist #29)
Map No. B-2868-2	JN 030300 Tape 0467 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes E. Jr. Date 10-26-60
Date MAR '64	Indexed H. E. OTI

F. B. 2659 PG. 129

W.S. 89-B-5



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

Do not extend notes this side of this line.

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

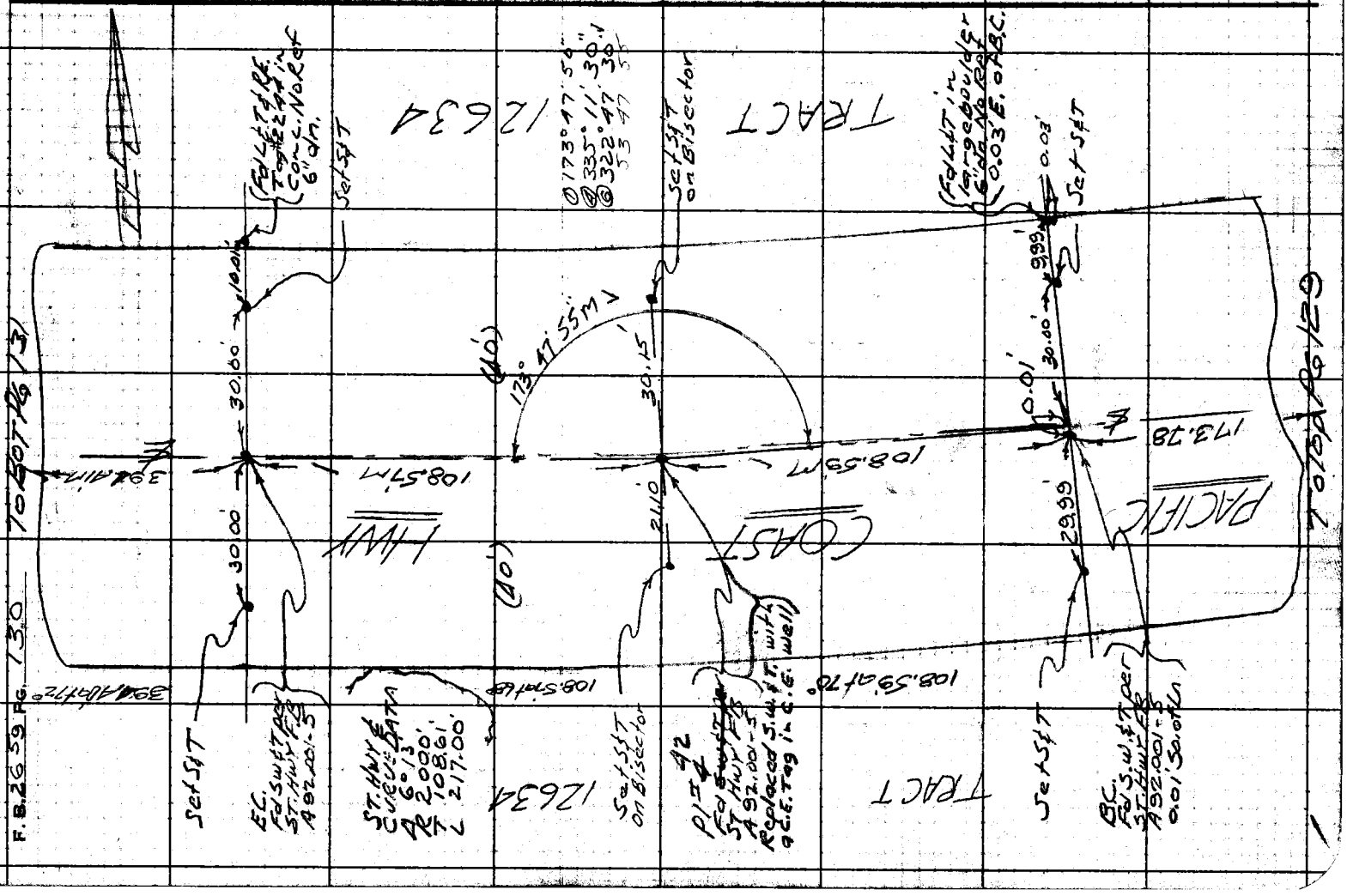
763098 CE #247—7-55

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

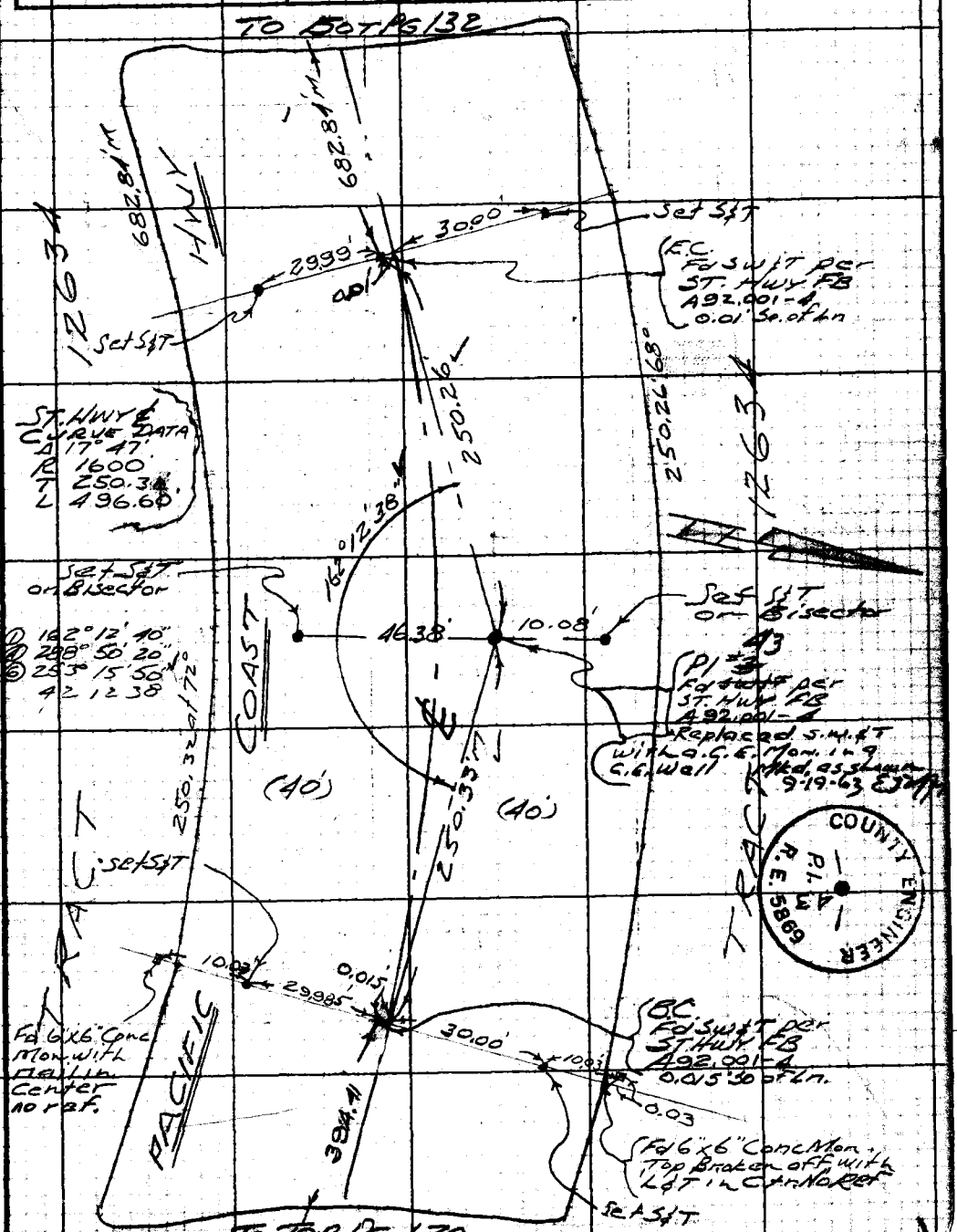
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

W.S. 89- B-5



Notes Ck'd by W. J. BRENNER	Survey of ℄ (W.W. Dist. #29	F. B. 2659 Pg. 131
Map No. B-2868-2	JN 030300 Tape 0167 Std 68° °F	
Office Work G. D. BAILEY	Surveyed by Mankey Jr.	
Checked W. J. BRENNER	Notes ETM Jr. Date 10-27-60	
Date MAR '64	Indexed H. E. OTT	



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

Do not extend notes this side of this line.

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

768098 CE #247—7-53

F.B. 2690 PG. 132

COUNTY ENGINEER R.E. 5869 P.I. 44

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

Do not extend notes this side of this line.

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

Notes Ck'd by W. J. BRENNER
Map No. 9-2867-2
Office Work G. D. BAILEY
Checked W. J. BRENNER
Date MAR '64

Survey of L. Cnty. Works Dist. 5
Job 434300 Tape 167 Std. 68° °F
Surveyed by Mankey Jr.
Notes Ery Jr. Date 12-9-60
Indexed H. E. OTT

F. B. 2659 Pg. 135

W.O. 44-0-5

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

Do not extend notes this side of this line.

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

To Bot Pg 137

Fd Trav. Sta 4-8 Per FB 934-37

E.L. fd S.W.I.T. per ST HWY FB's A 91.1 Pg 67

Ø 17° 50' 20"
Ø 71° 21' 30"
Ⓒ 107° 02' 20"
17 50 23

Set nail record distance from E.C. (Sta 4+0)

Set Spike Set by Intersection

Fd 2" I.P. 12" dn, Wood plug rotted away, Per Tract #12634

Set S.I.T.'s on Bisector

P.I. #45
Fd 3/4" Pipe (bent) per ST HWY FB A 92.001 - 40.2
Replaced 2 1/2" with A.C.E. Mon. in well

Fd 2" I.P. 12" dn 12" Per Tract #12634, in poor condition
Set 1 x 2" Stk & Nail Elev. 2.799' East of P.I. on line prod.

℄ Curve Data
Δ 27°21' 30"
R 100.
T 243.39'

Fd S.I.T. No Ref.

P.C.
Fd S.W.I.T. Per ST HWY FB A 92.001 - 2
0.03' N. of Ln

Fd L.I.T. in Bridge Curb ST HWY A 91.1 - 44

Fd L.I.T. in Conc. Curb Per Tract Map #12634 Sh. 2
0.06' W. Ln.

Set S.I.T.

RANCHO PALOS VERDES

Malibu 34 Quit Line

TRACT 12634

TRACT 12634

TO BOT PG 134

HUNT

COAST

LAS FLORES CANYON RD.

PACIFIC

COUNTY ENGINEER
R.E. 6606
L.S. 4188

From Bot Pg 132

3000' 1001'
30.15'
56.96'
52.41'
17°50'23"
42'
57.3'
34.74'
152°29'23"
156.27'
44° 47'20"
C 58 128.3
41° 42'03"
11.53'
78.1'
2.799'
213.38' of 60'
243.37'
(40')
(40')
0.03'
29.97'
30.00'
118.41'

Ø 41° 42' 00"
Ø 166° 48' 20"
Ⓒ 250° 12' 20"
41 42 03

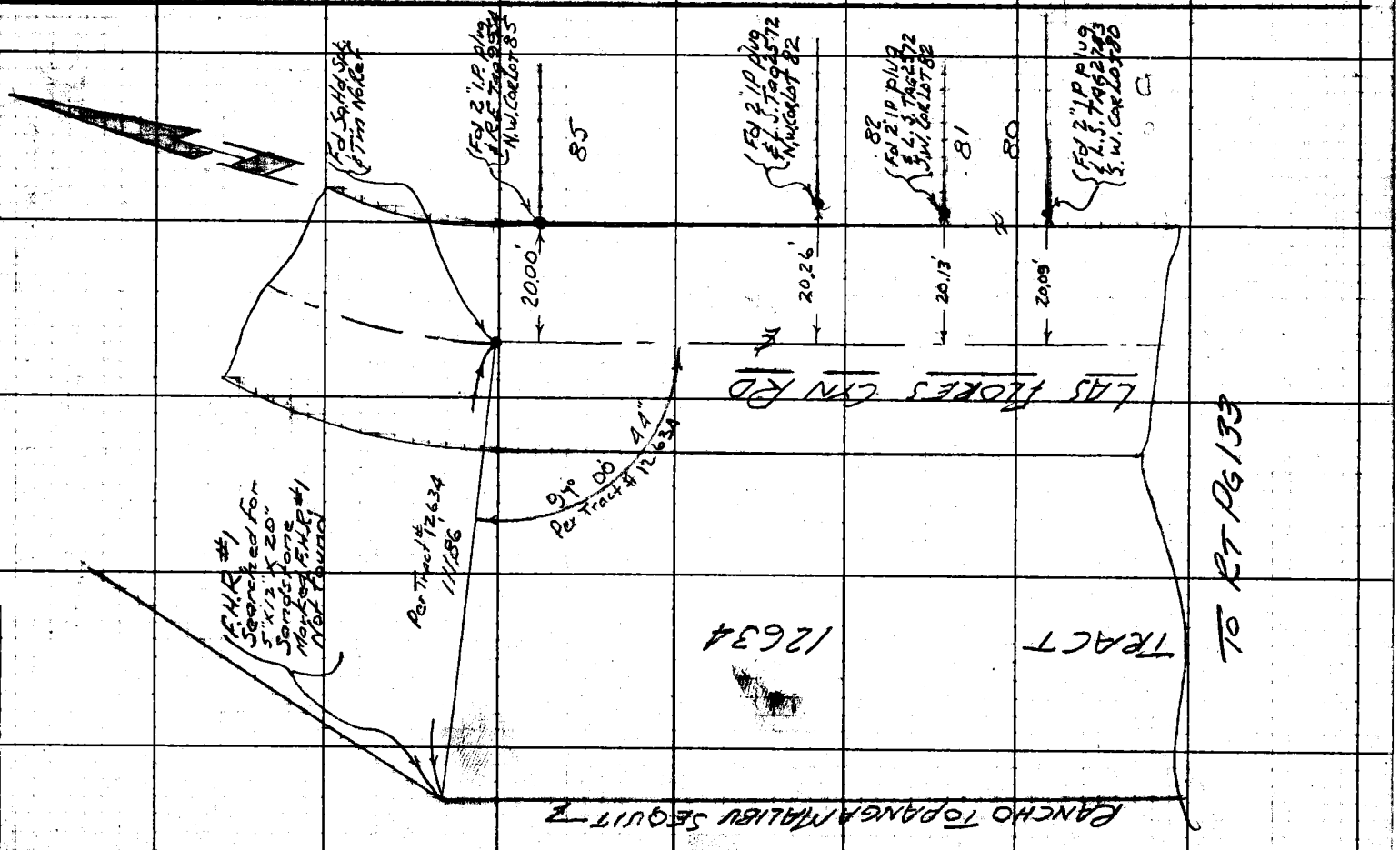
7-65 098 CE #247—7-65

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

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

Do not extend notes this side of this line.

W.S. 89 - B-5



Notes Ck'd by W. J. BRENNER	Survey of ℄ (WTR. WORKS DIST 29)	F. B. 2655	Pg. 135
Map No. B-2868-2 G. D. BAILEY	JN 030300 Tape 0167 Std 68 °F		
Office Work	Surveyed by Manley Jr.		
Checked W. J. BRENNER	Notes Manley Jr. Date 12-12-60		
Date	Indexed H. E. OTT		

JN 0303.00

℄

WATER WORKS DISTRICT #29

PACIFIC COAST HWY.

From

LAS FLORES CYN RD.

To

CARBON CANYON RD

Manley Jr.
Voge
Swann
Manley
Jones

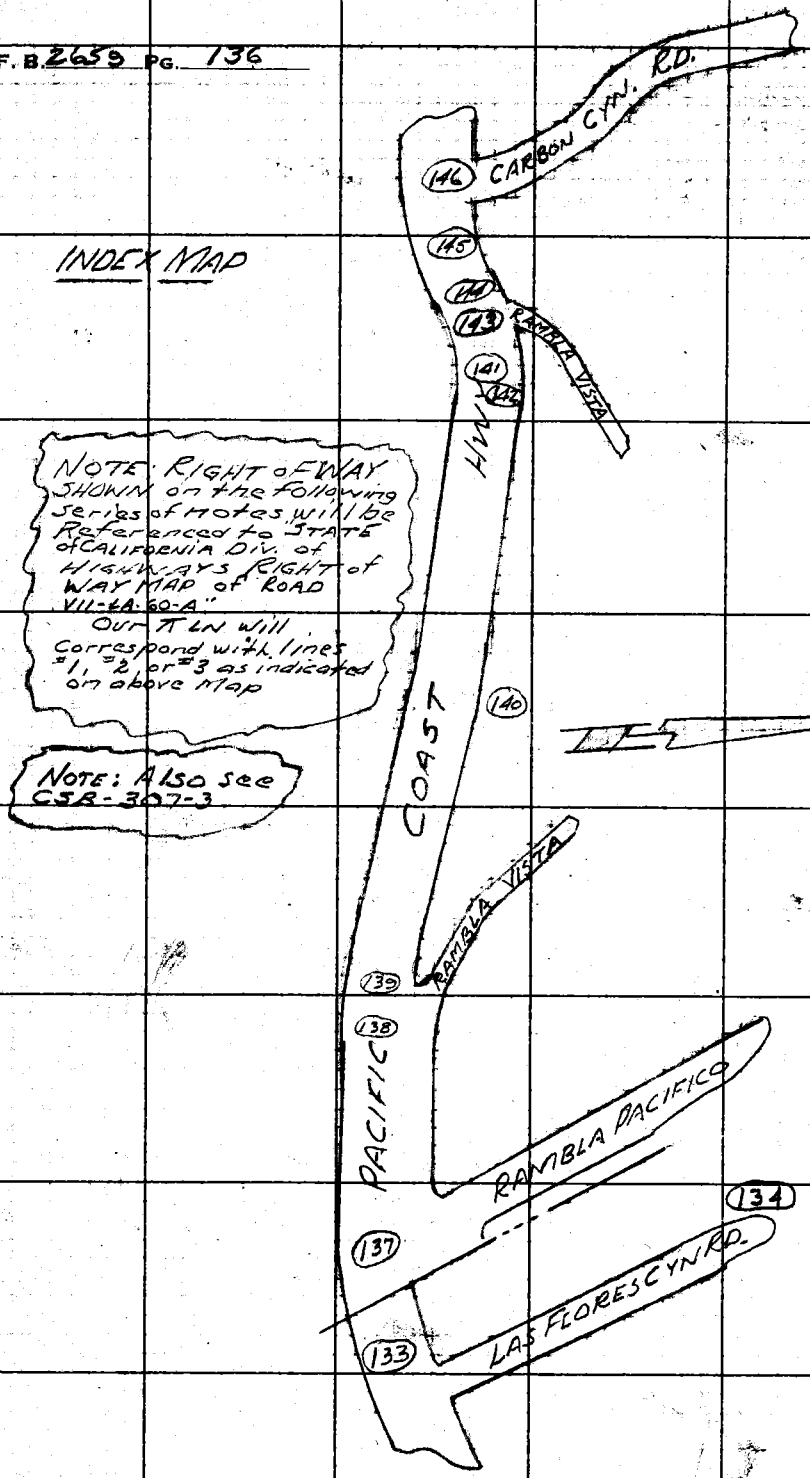
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

768098 CE #847 7-58

F. B. 2659 PG. 136



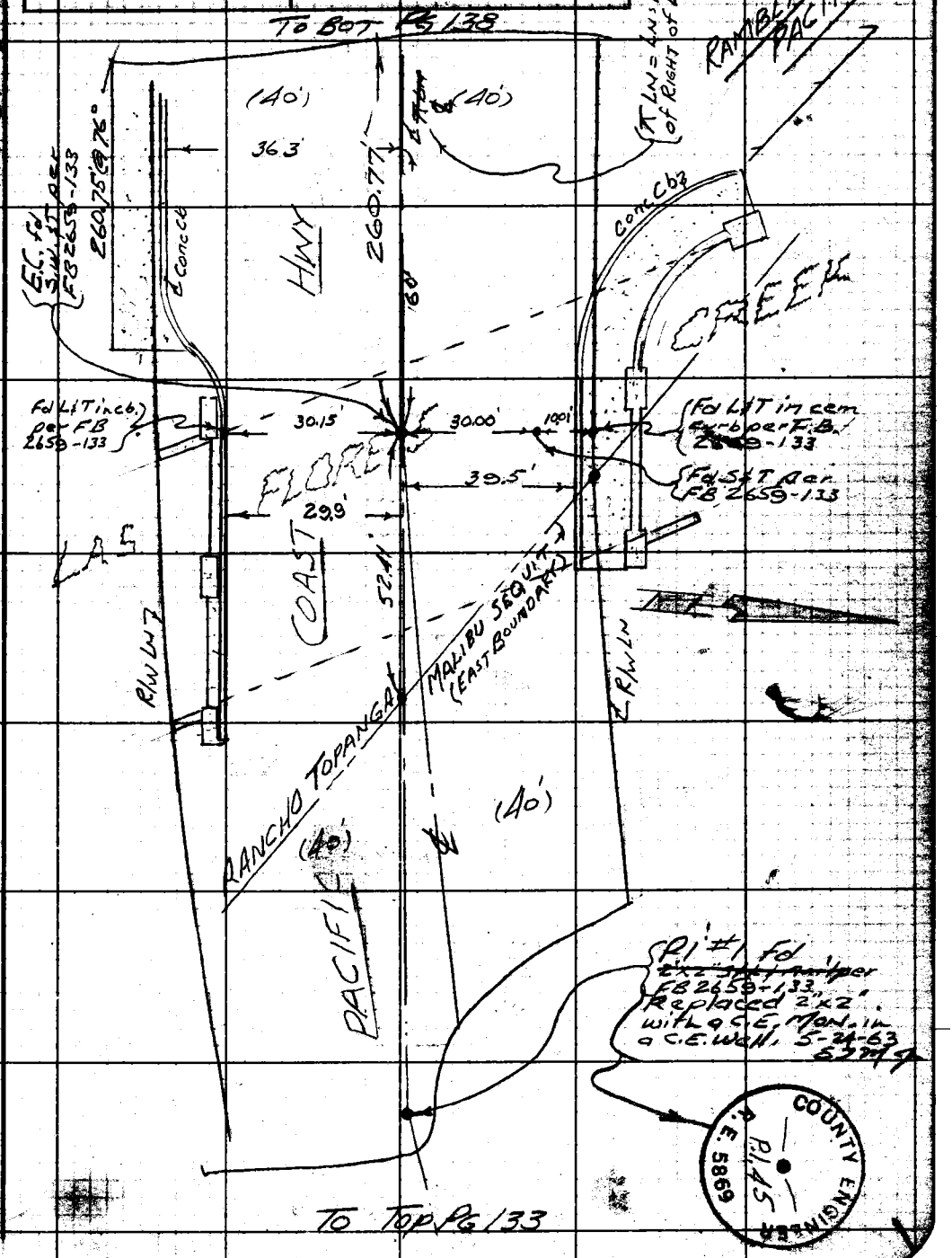
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

Do not extend noted this side of this line.

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

Notes Ck'd by W. J. BRENNER	Survey of ℄ (W.W. Dist. #29)
Map No. B-2868-2	JN 0703.00 Tape 0167 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 12-12-60
Date MAR '64	Indexed H. E. OTT

F. B. 2659 PG. 137



W.S. 89-B-5

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

Do not extend notes this side of this line.

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

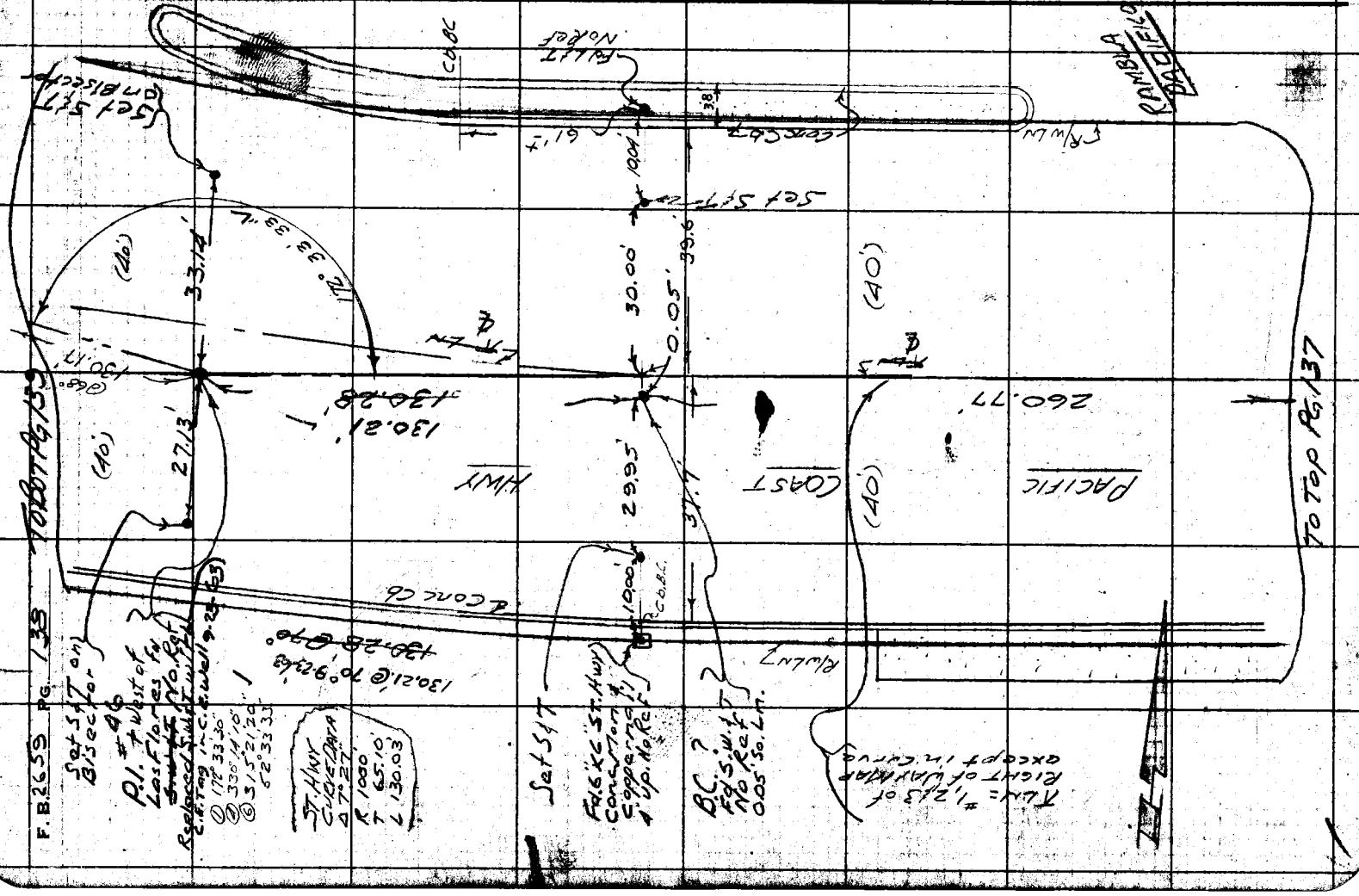
763098 CE #247—7-55

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

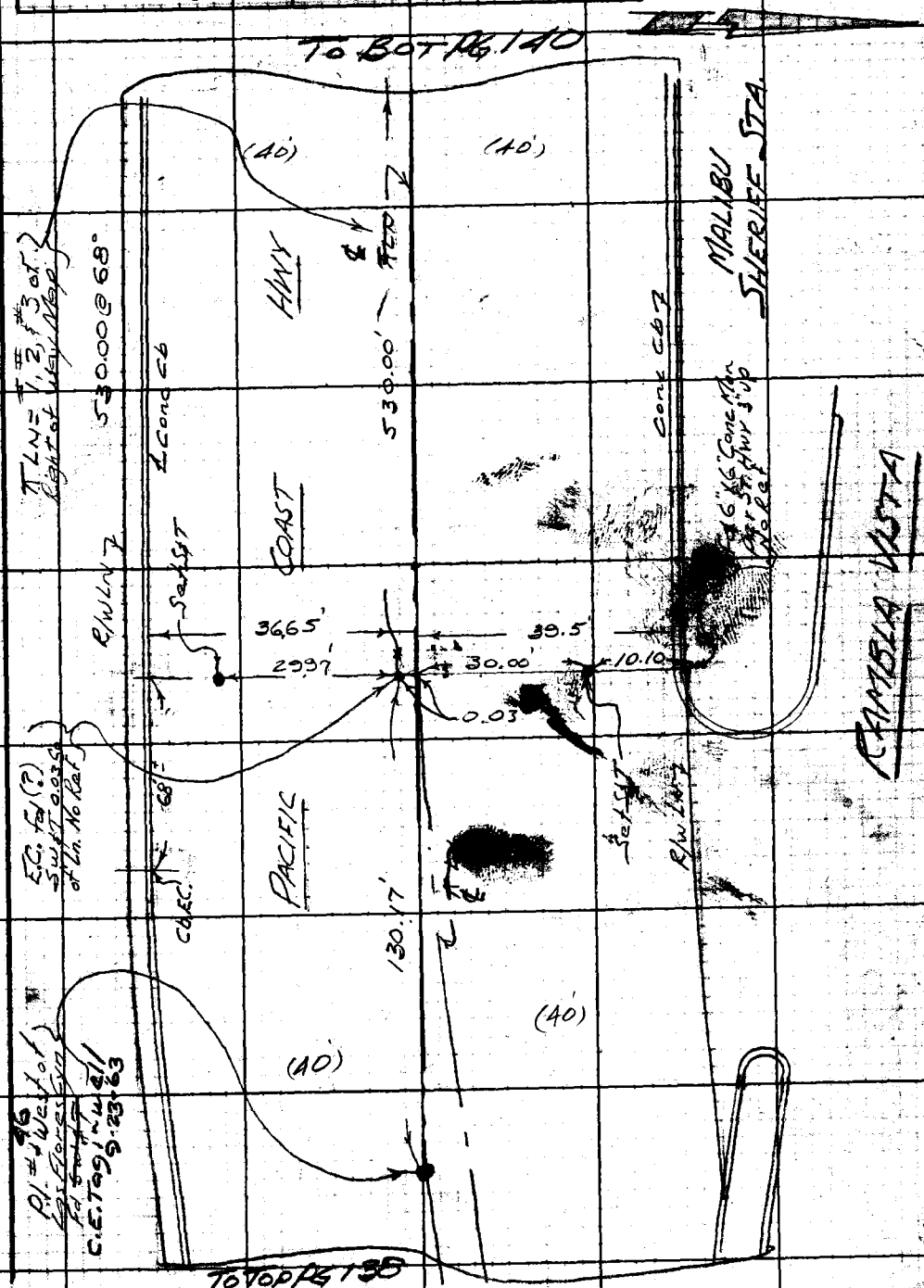
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

W.S. 89-B-5



Notes Ck'd by W. J. BRENNER	Survey of ℄ (Wtr Works Dist 29)	F. B 2659	Pg. 139
Map No. B-2868-2	IN 0101.00 Tape 0167 Std 68° °F		
Office Work G. D. BAILEY	Surveyed by Mankey Jr.		
Checked W. J. BRENNER	Notes ETM Jr. Date 12-13-60		
Date MAR '64	Indexed E. E. Ott		



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
2000 LOS ANGELES COUNTY ENGINEERING BLDG.

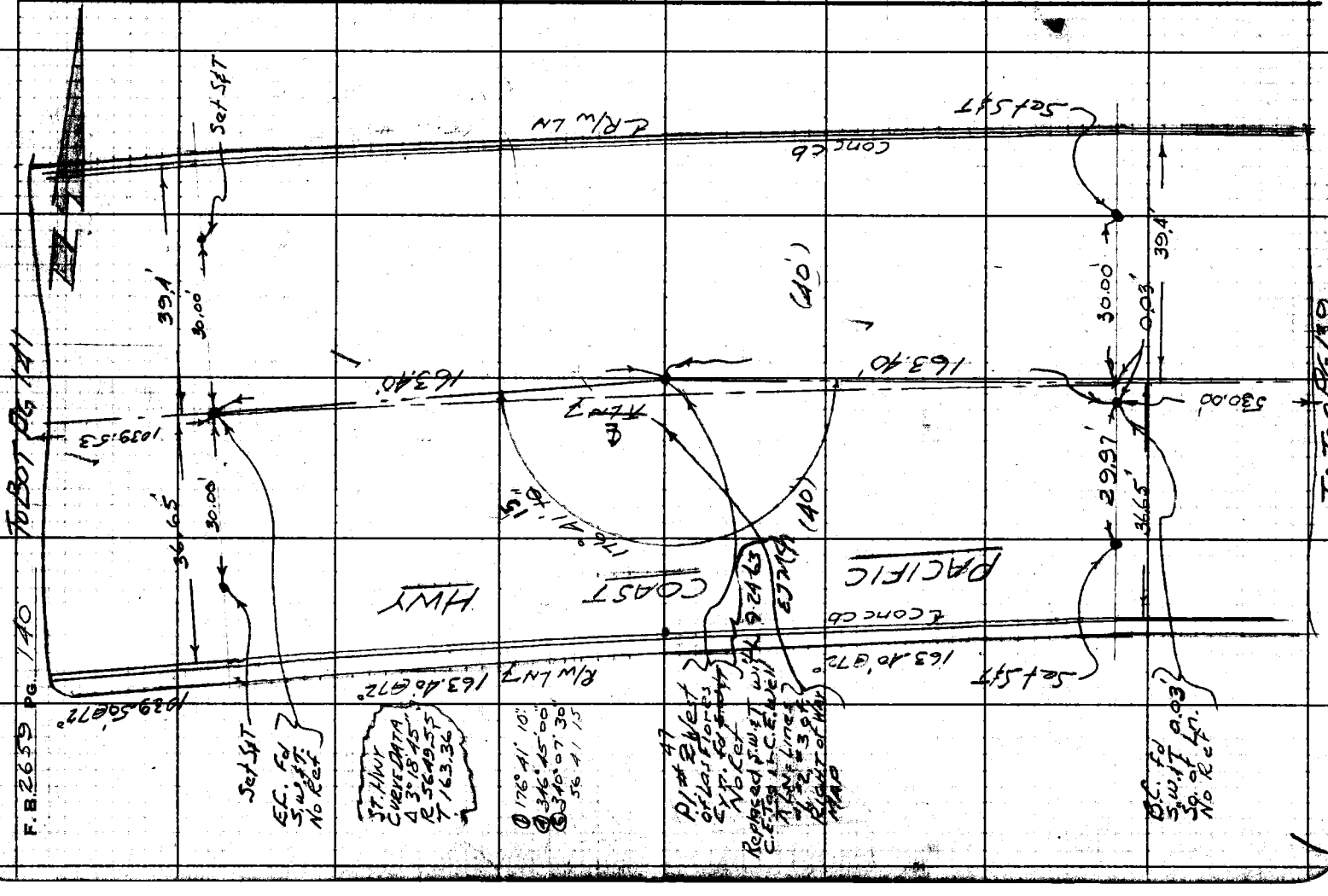
768088 CE #247—7-53

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

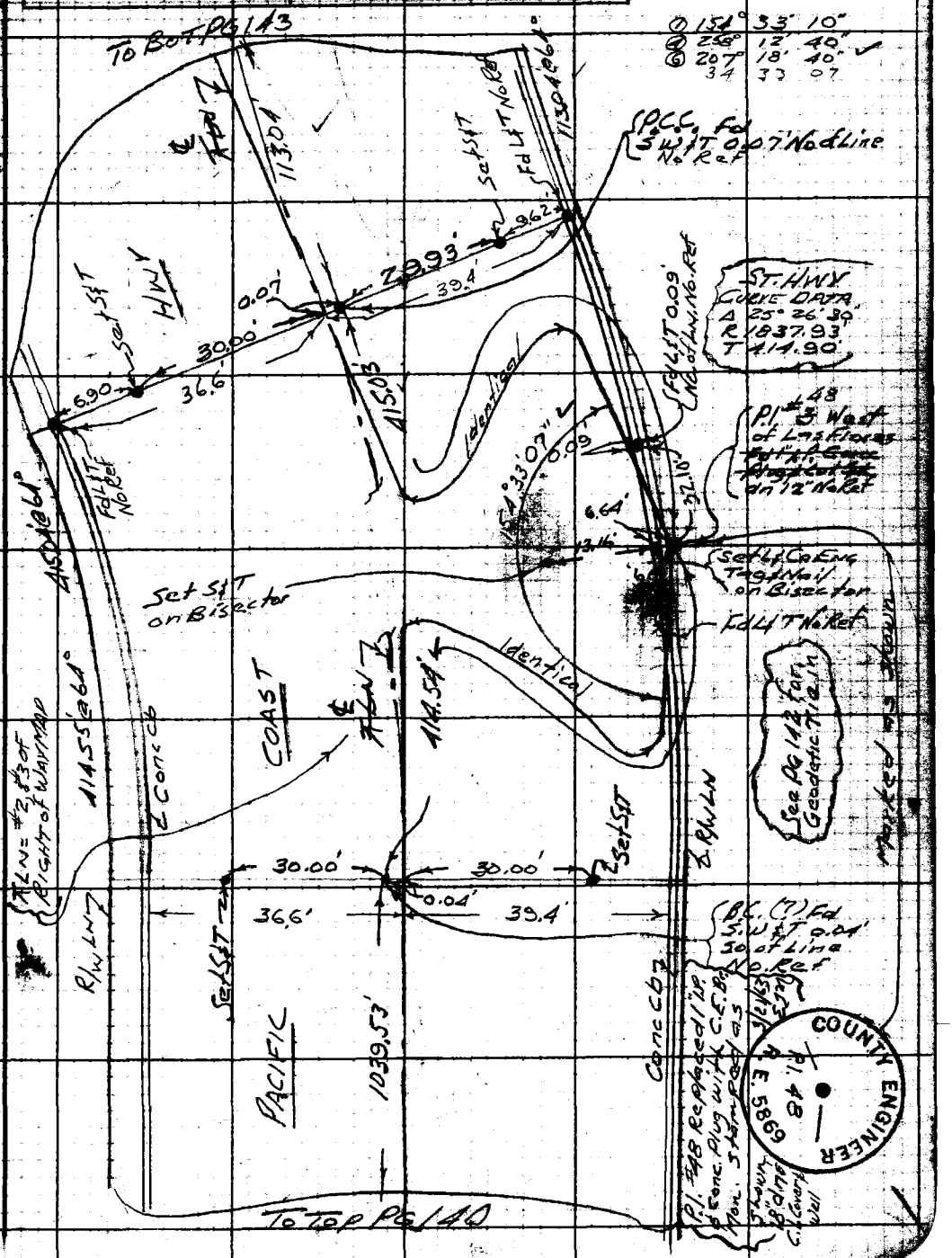
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

W.S. 59 - B-5



Notes Ck'd by W. J. BRENNER	Survey of (Wtr Work Dist 29) ℄	F. B. 2659 PG. 141
Map No. B-2868-2	IN 0303.00 Tape 0167 Std 68° °F	
Office Work G. D. BAILEY	Surveyed by Mankey Jr.	
Checked W. J. BRENNER	Notes EFM Jr. Date Dec 15, '60	
Date MAR '64	Indexed H. E. OTT	



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

Do not extend notes this side of this line.

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

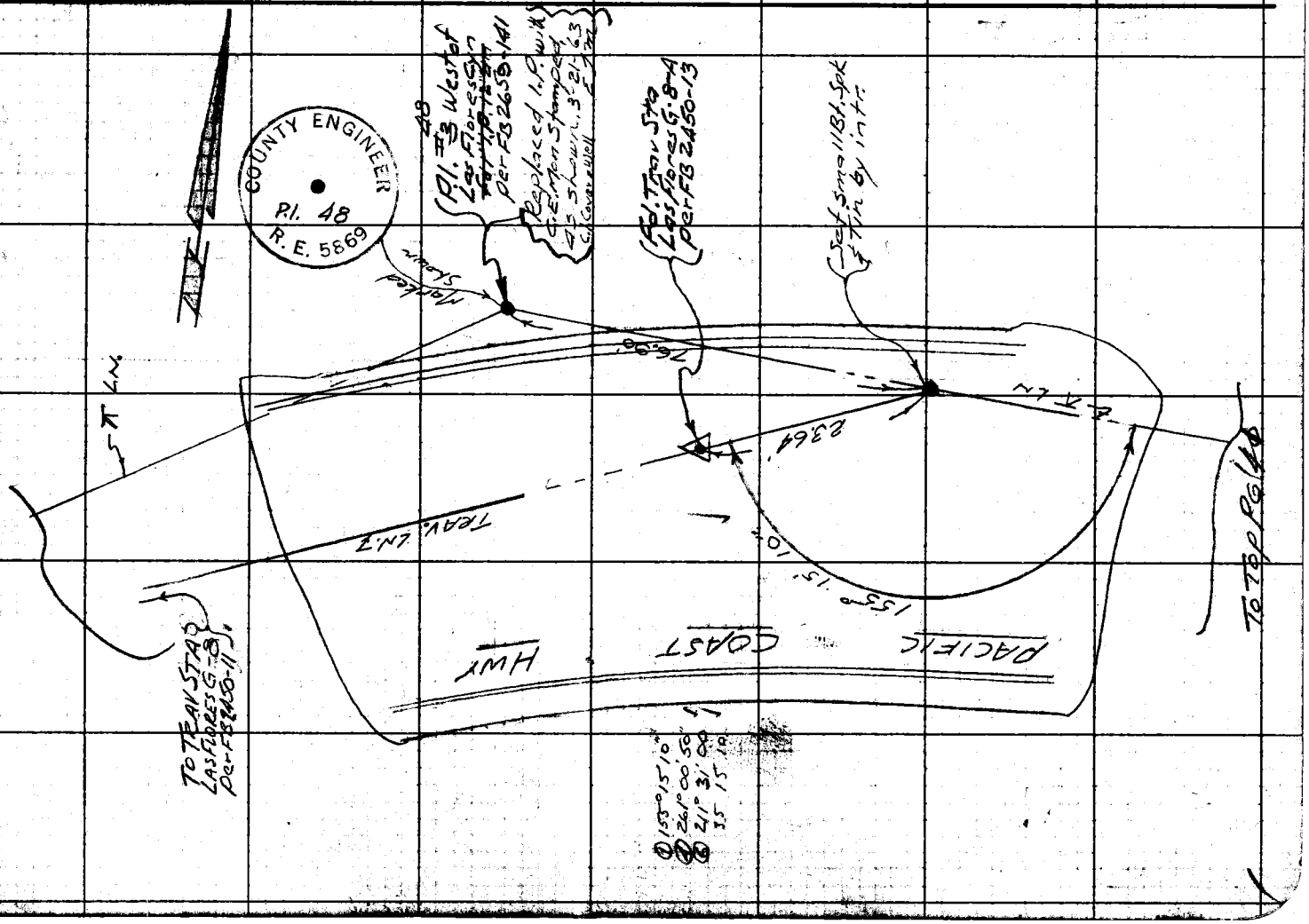
76309S CE #247—7-53

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

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

Do not extend notes this side of this line.

W.S. 89 - A-5

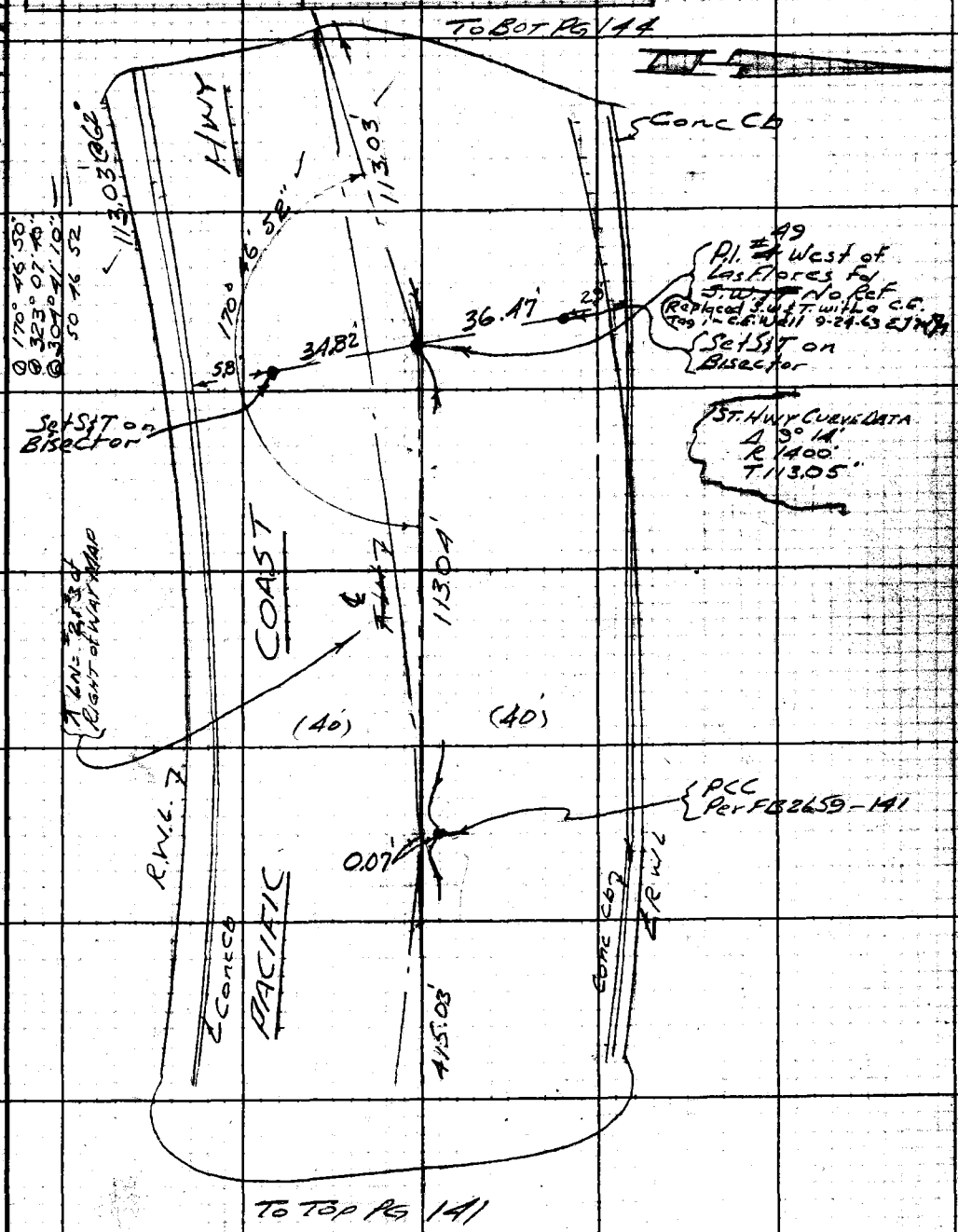


F.B. 2659 PG. 142

Notes Ck'd by W. J. BRENNER	Survey of (Wtr. Works Dist #29) ℄
Map No. B-2868-2	JN 0303.00 Tape 0167 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 12-16-60
Date MAR '64	Indexed H. E. OTI

F. B. 2659 PG. 143

W.S. 89-A-5



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

Do not extend notes this side of this line.

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

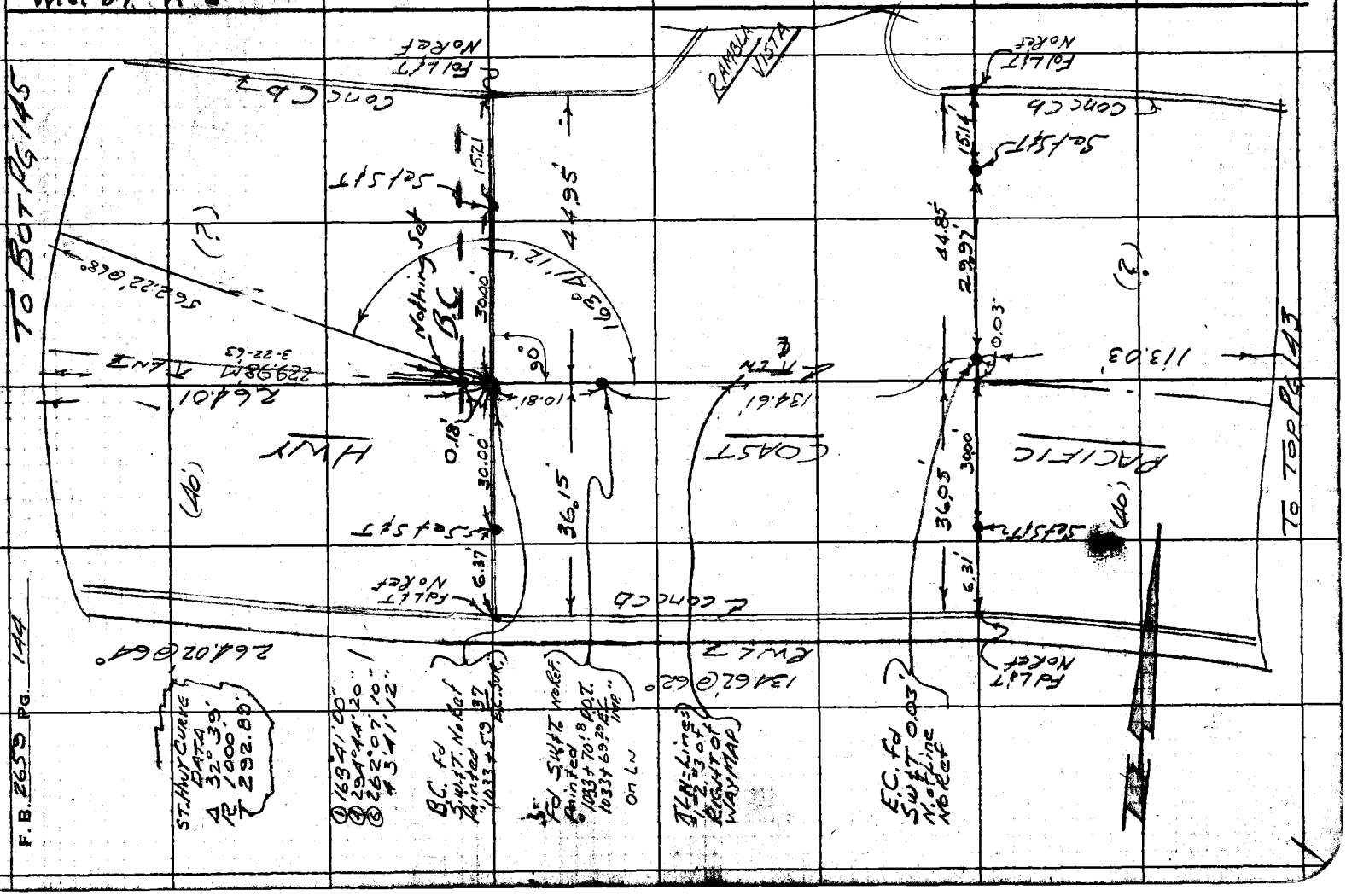
763098 CE #247—7-58

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

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

Do not extend notes this side of this line.

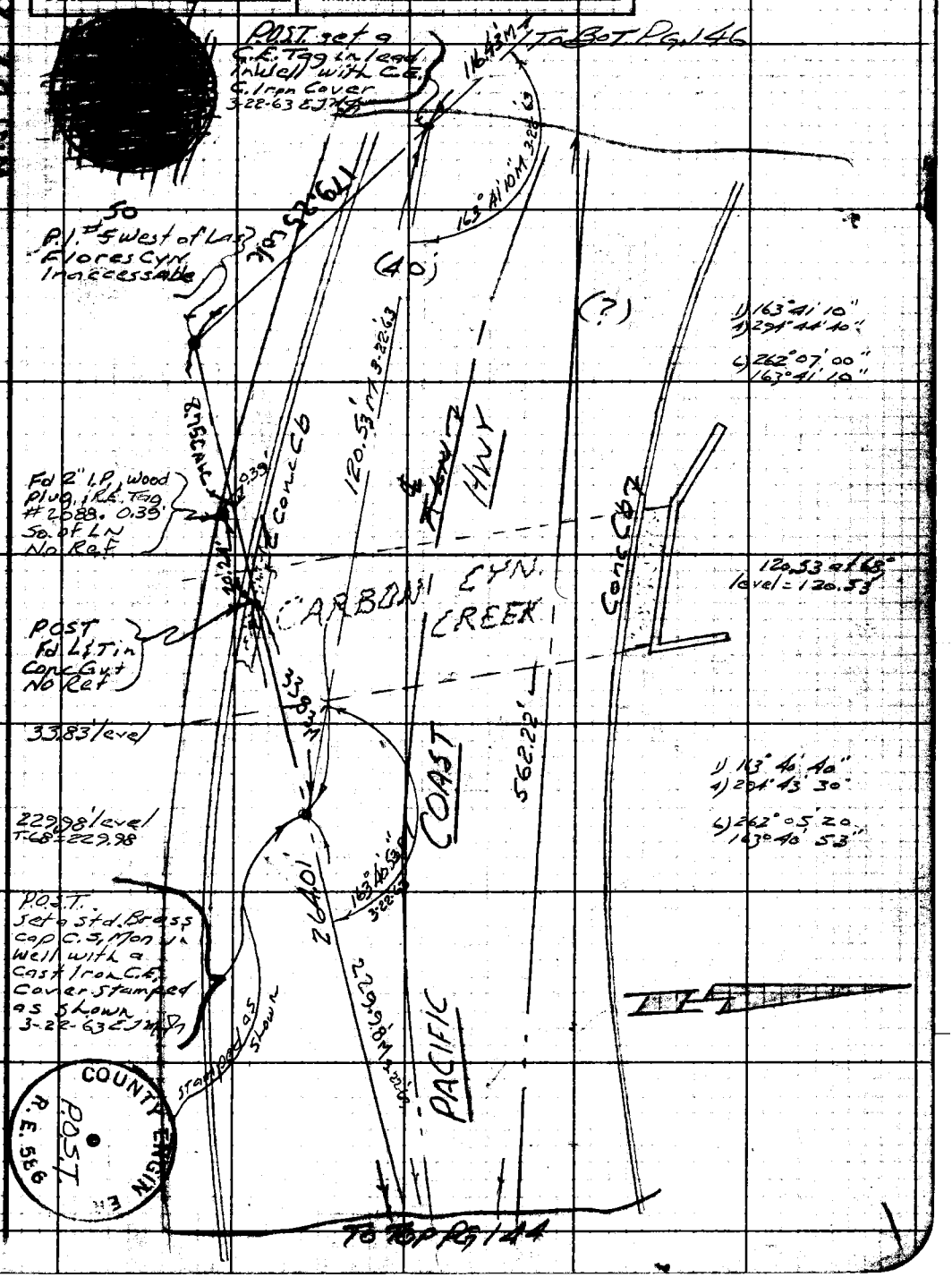
W.S. 89-A-5



F.B. 2655 PG. 144

Notes Ck'd by W. J. BRENNER	Survey of ℄ (W.W. Dist. #29)
Map No. B-2868-2	IN 4302.00 Tape 0167 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 12-19-60
Date MAR '64	Indexed

F. B. 2659 PG. 145



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

Do not extend notes this side of this line.

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

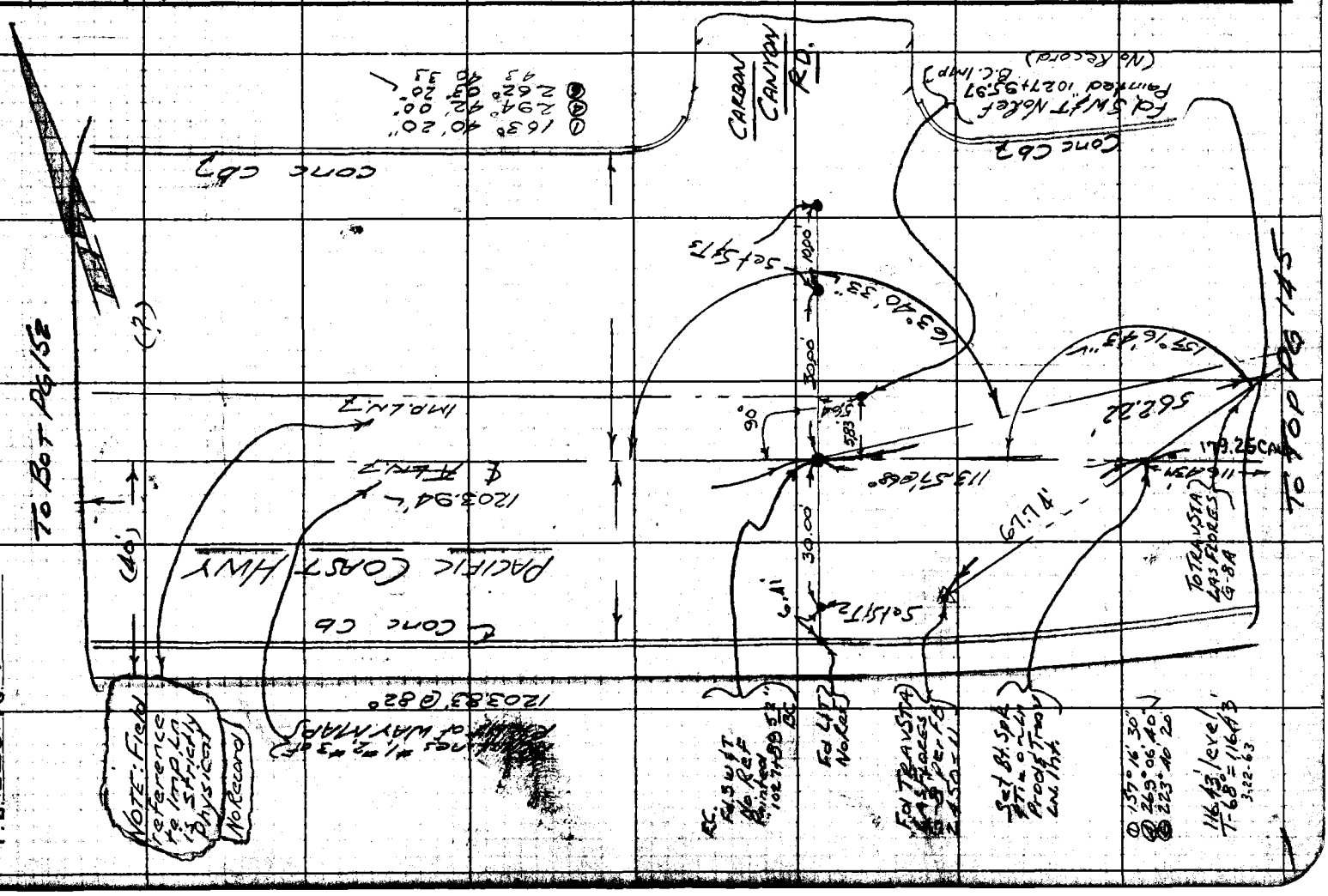
763098 CE #247—7-53

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

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

Do not extend notes this side of this line.

W. S. 1 BG-A-5



Notes Ck'd by W. J. BRENNER	Survey of ℄ (Water Works Dist 29)
Map No. B-2868-3	JN 0303.00 Tape 0167 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Date 7-20-60
Date MAR '64	Indexed JAN 9 '61

F. B. 2659 PG. 151

JN 0303.00

℄ SURVEY

WATERWORKS DISTRICT #29

PACIFIC COAST HWY
from
CARBON CYN to MALIBU COLONY

NOTE: Line followed in field
Coincides with line shown on
"STATE of CALIFORNIA, DIV of HIGHWAYS
RIGHT of WAY MAP of ROAD
VII-LA-60-A
and
C.S.B-307-3

Mankey
Swann
Manley
Jones

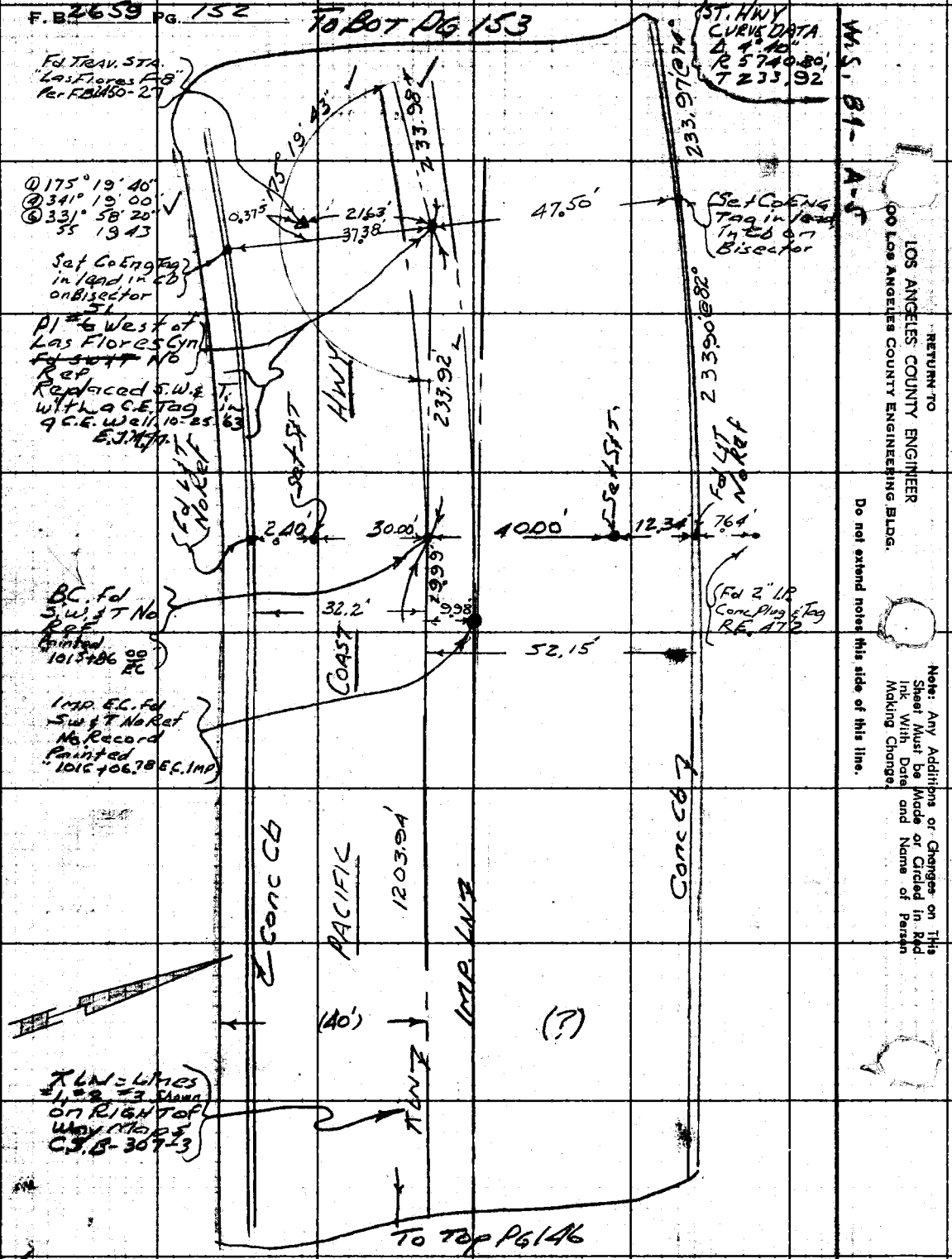
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-53

F.B. 2659 PG. 152 — To BOT PG 153



W.S. 81-A-5

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

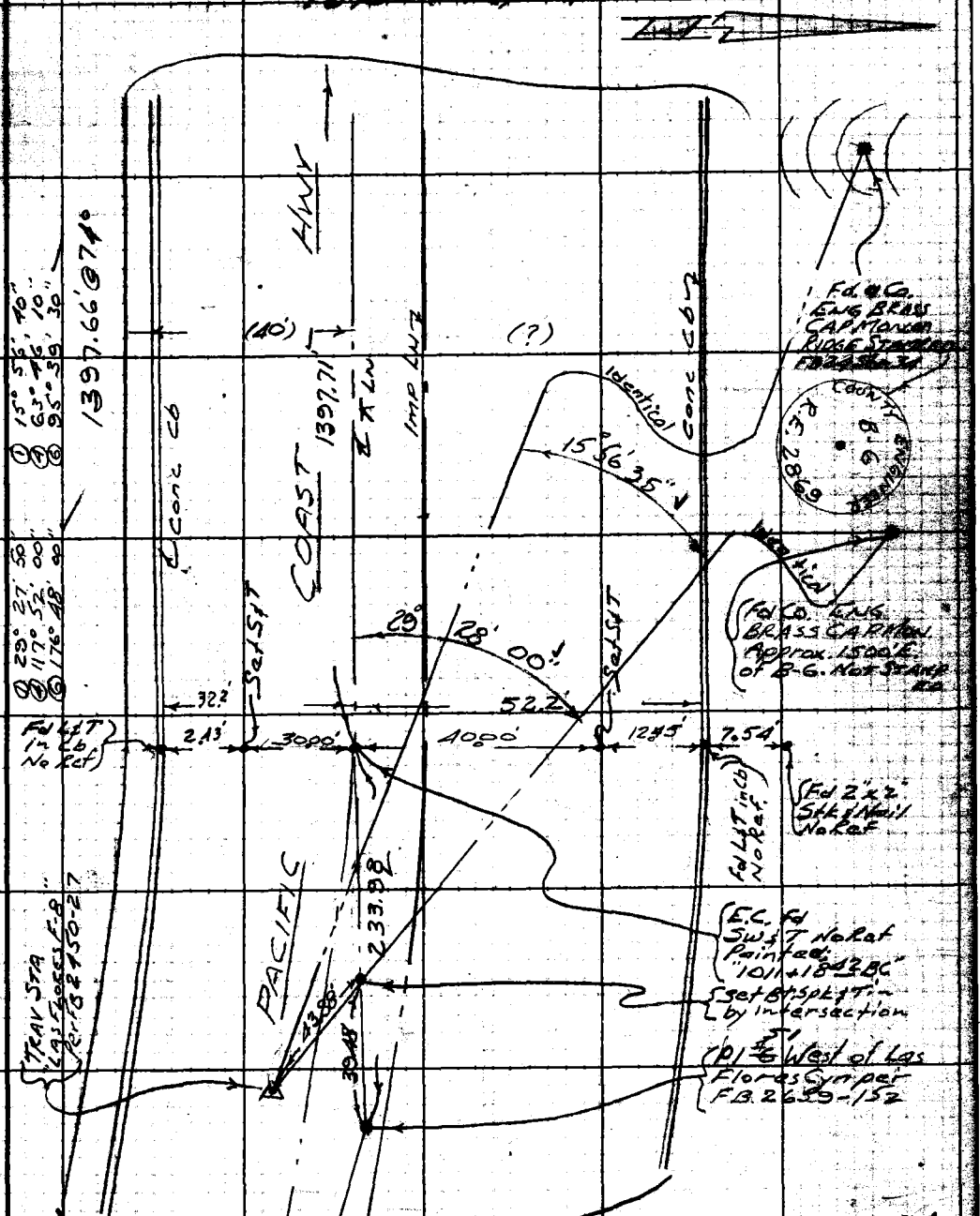
Do not extend notes this side of this line.

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

Notes Ck'd by W. J. BRENNER	Survey of 6 (W.W. Dist #29)
Map No. B-2868-3	Tape 0167 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 12-21-60
Date MAR '64	Indexed H. E. OTT

F. B. 2659 PG. 153

To BOT Pg 154



To Top Pg 152

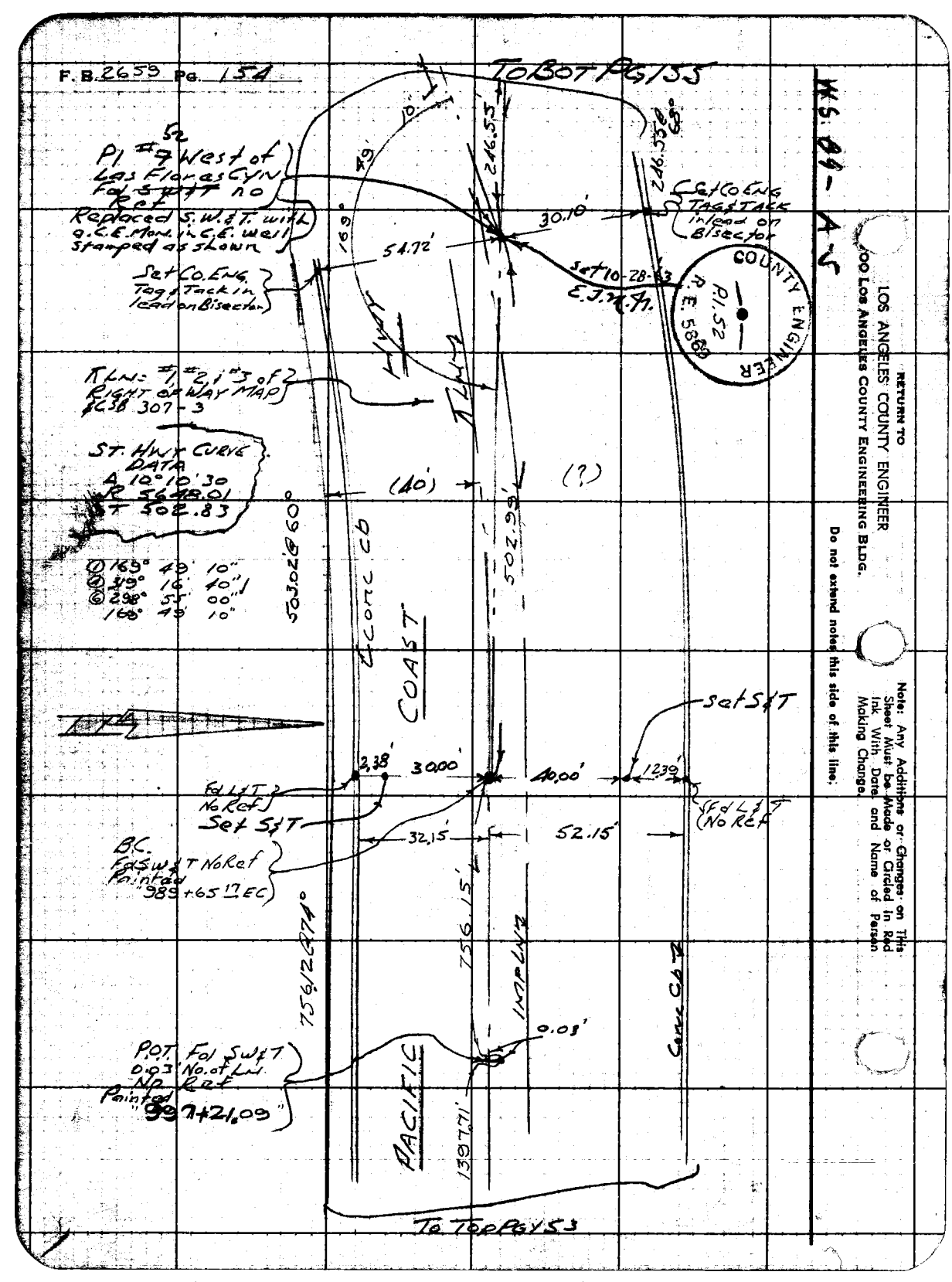
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-59

F.B. 2659 Pg. 154

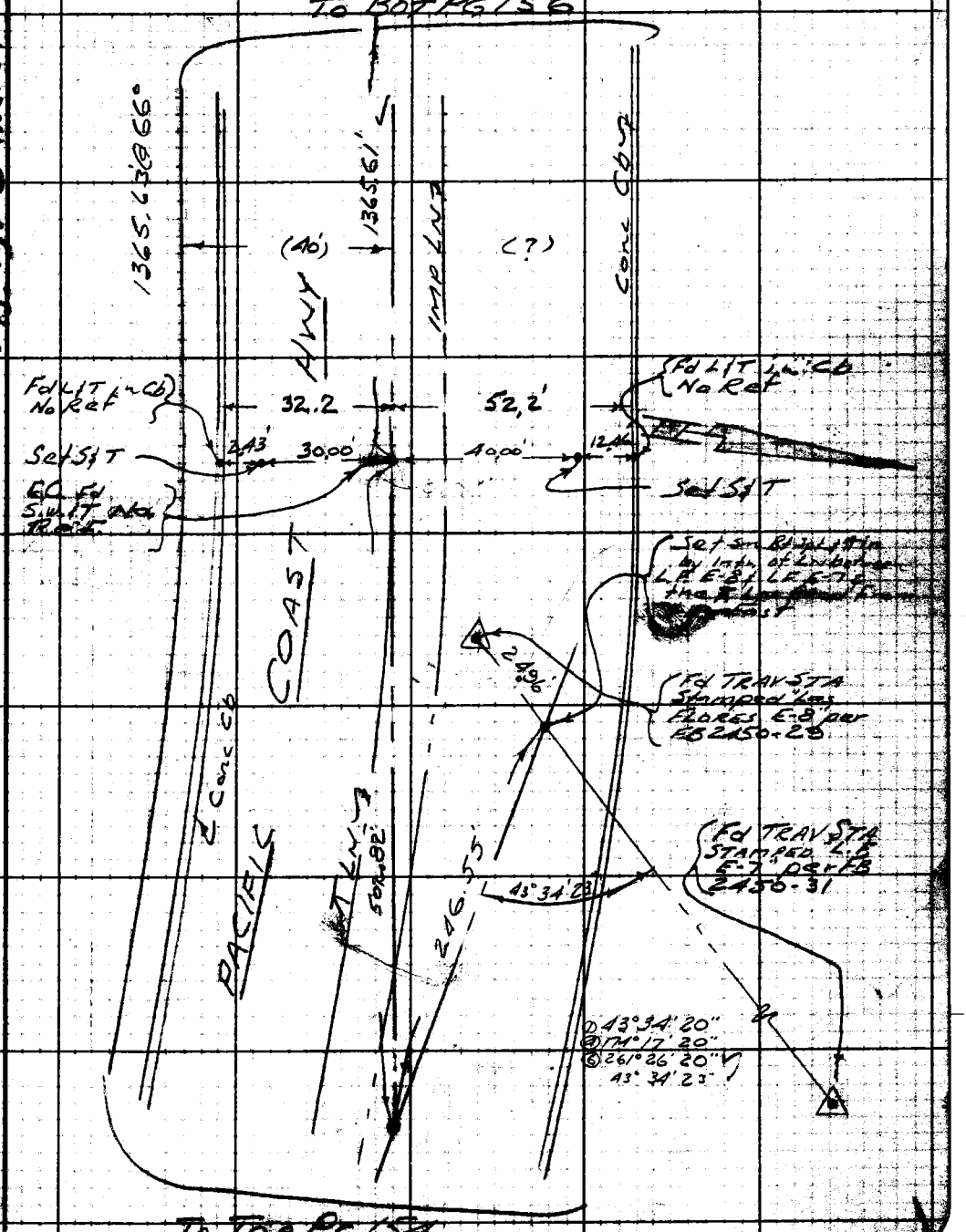


RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

Notes Ck'd by W. J. BRENNER	Survey of ℄ (Wtr. Works Dist 29)	F. B. 2659 Pg. 155
Map No. 8-2868-3	JN 030300 Tape 0167 Std 68° of	
Office Work G. D. BAILEY	Surveyed by Mankey Jr.	
Checked W. J. BRENNER	Notes ETM JR Date 12-27-60	
Date MAR '64	Indexed H. E. OTT	



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.

W.S. 89-A-5

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

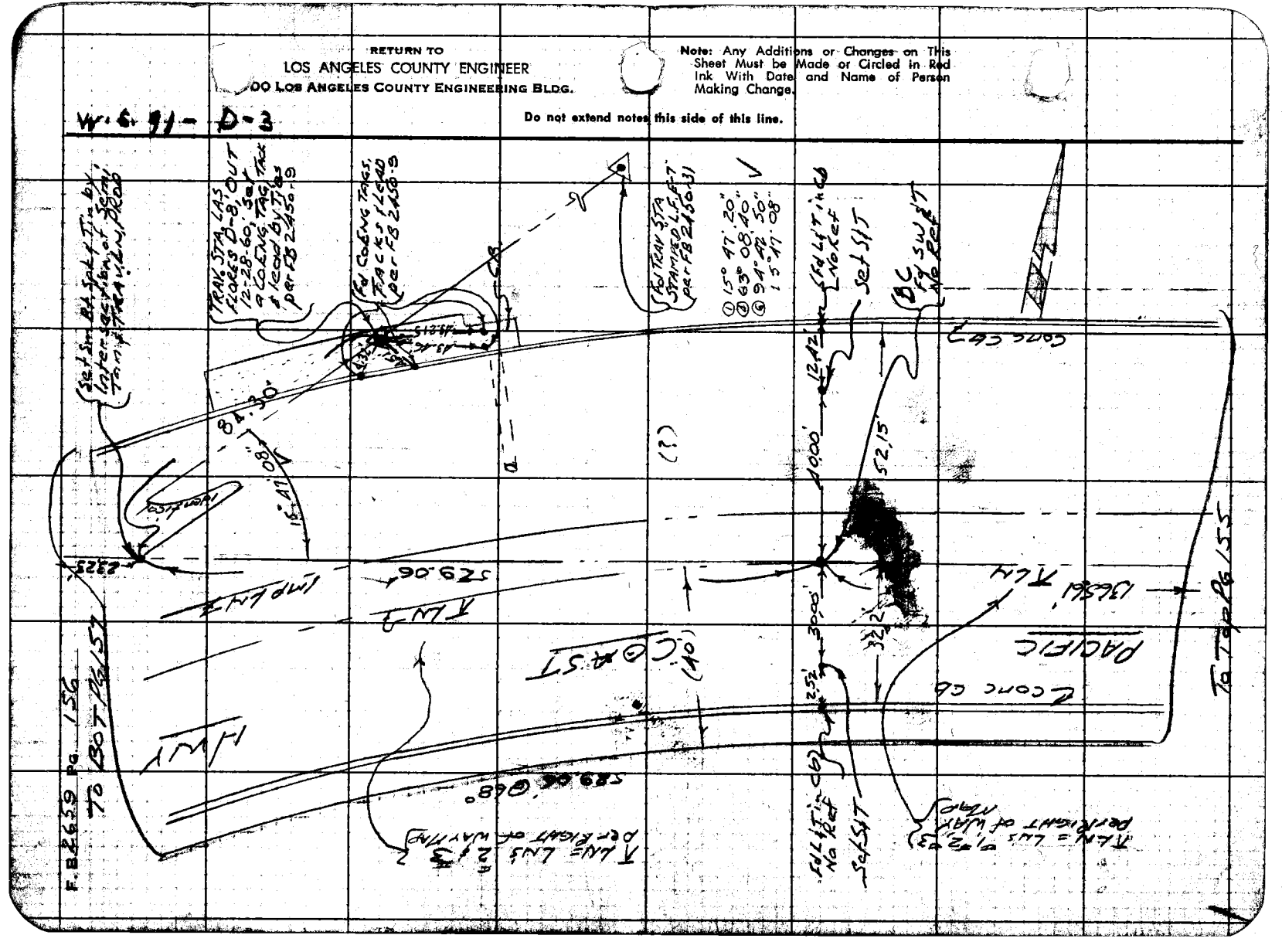
763095 CE #247—7-59

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

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

Do not extend notes this side of this line.

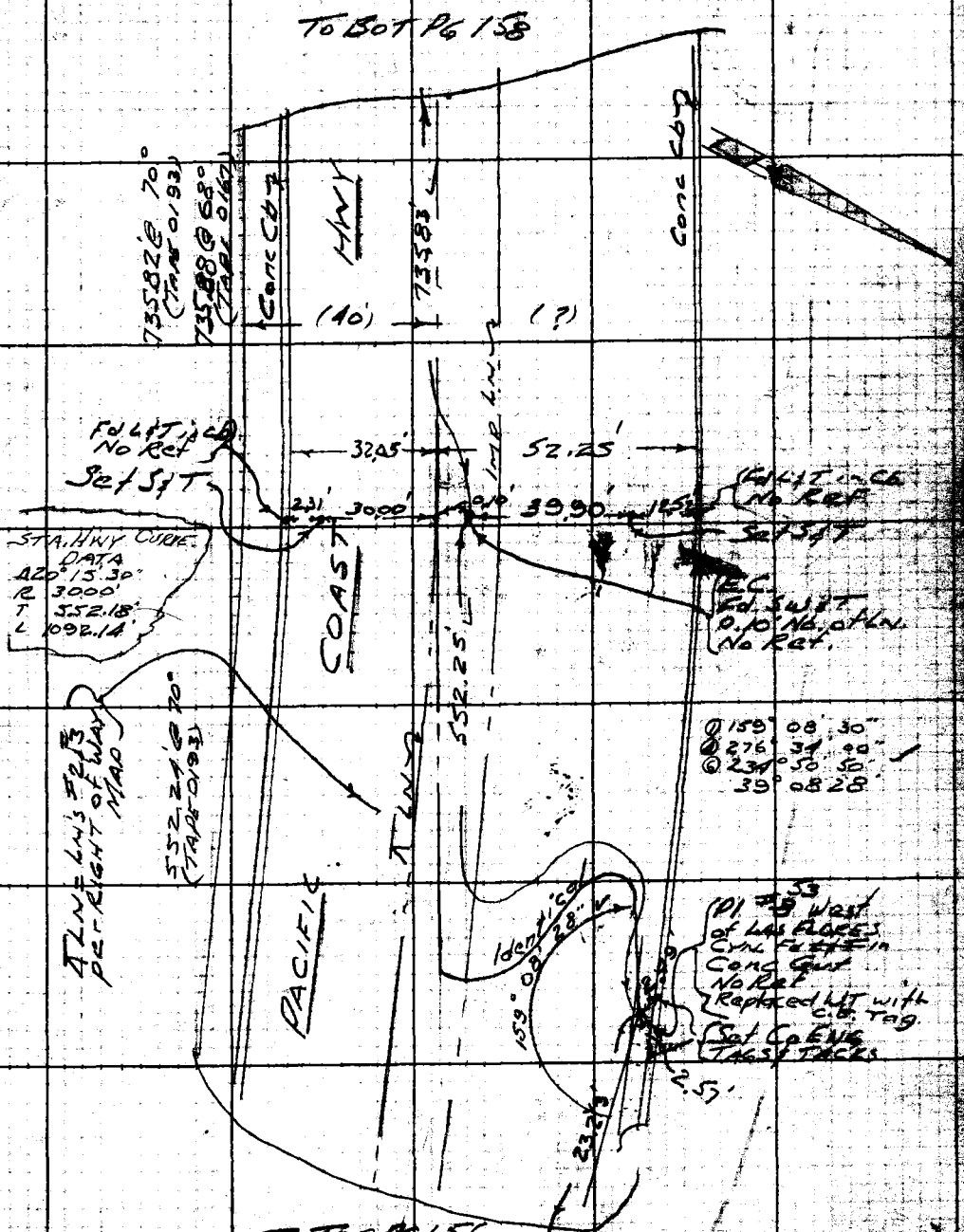
W. 6. 91 - D-3



Notes Ck'd by W. J. BRENNER	Survey of (Wtr Works 0162 29) E
Map No. 8-2868-3	IN 0308.00 Tape 0162 Std. 68° of
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes E F Mz Jr. Date 1-3-61
Date '64	Indexed H. E. OTT

F. B 2659 PG. 157

W.S. 91-D-3



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
(DO LOS ANGELES COUNTY ENGINEERING BLDG.

763099 CE #247—7-58

F.B. 2659 Pg. 158

RETURN TO

LOS ANGELES COUNTY ENGINEER

100 LOS ANGELES COUNTY ENGINEERING BLDG.

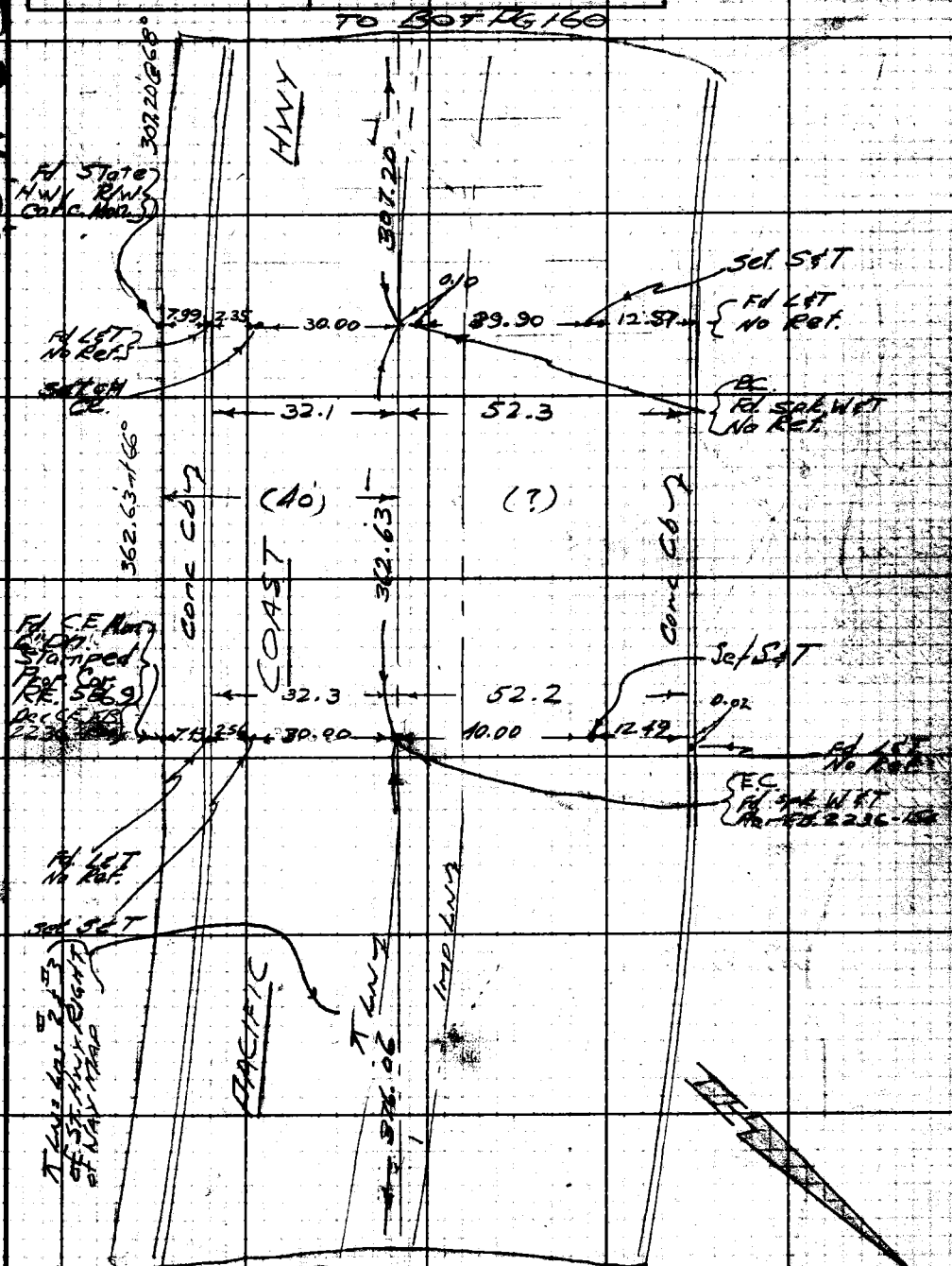
Do not extend notes this side of this line.

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

Notes Ck'd by W. J. BRENNER	Survey of ℄ (Wtr Works Dist #23)
Map No. B-2868-3	IN 030200 Tape 0193 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 1-3-61
Date MAR 64	Indexed H. E. OTT

F. B. 2659 Pg. 159

WS 91 C-3



To Top Pg 158

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

Do not extend notes this side of this line.

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

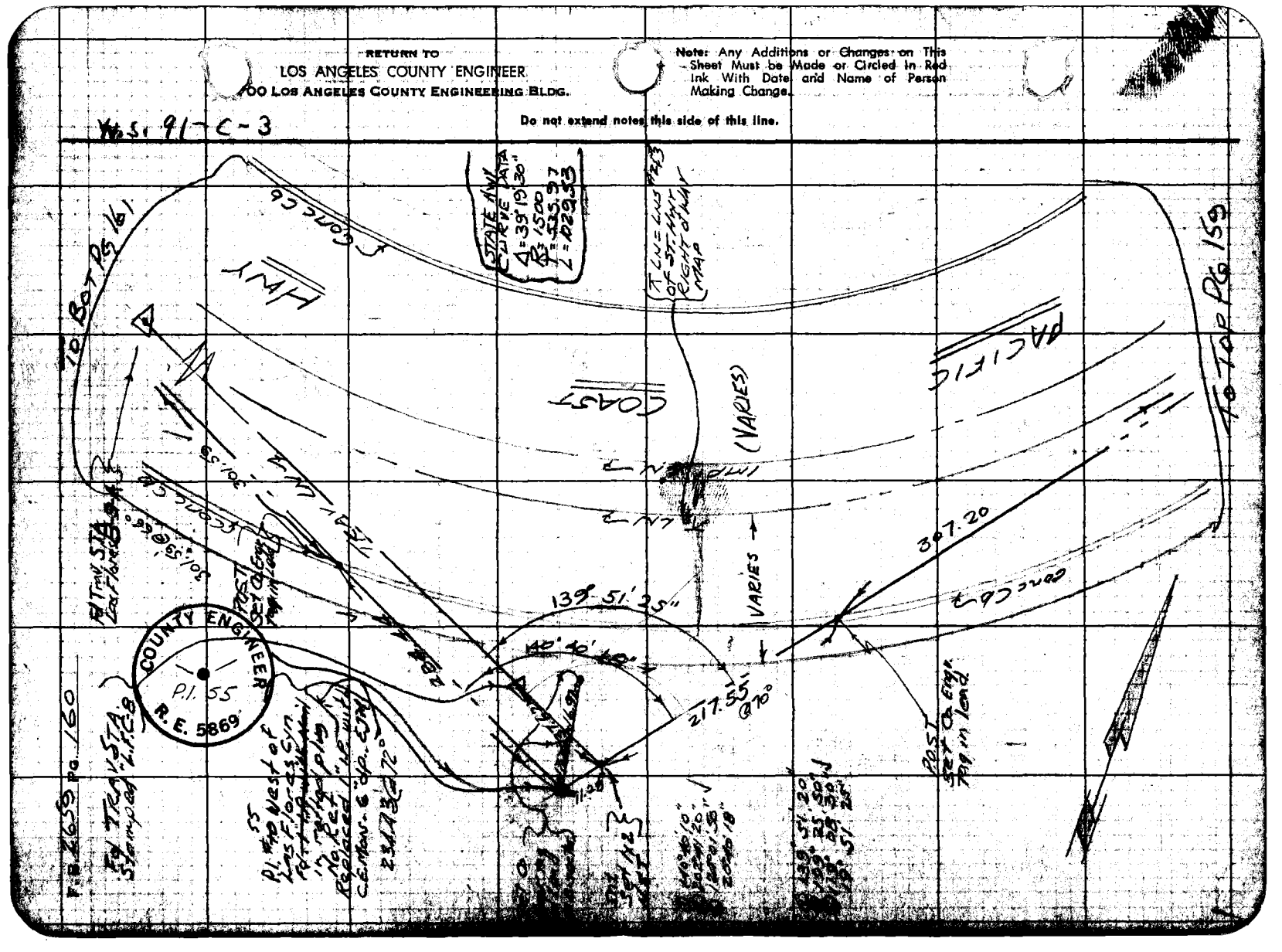
#247

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

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

Do not extend notes this side of this line.

W.S. 91-C-3

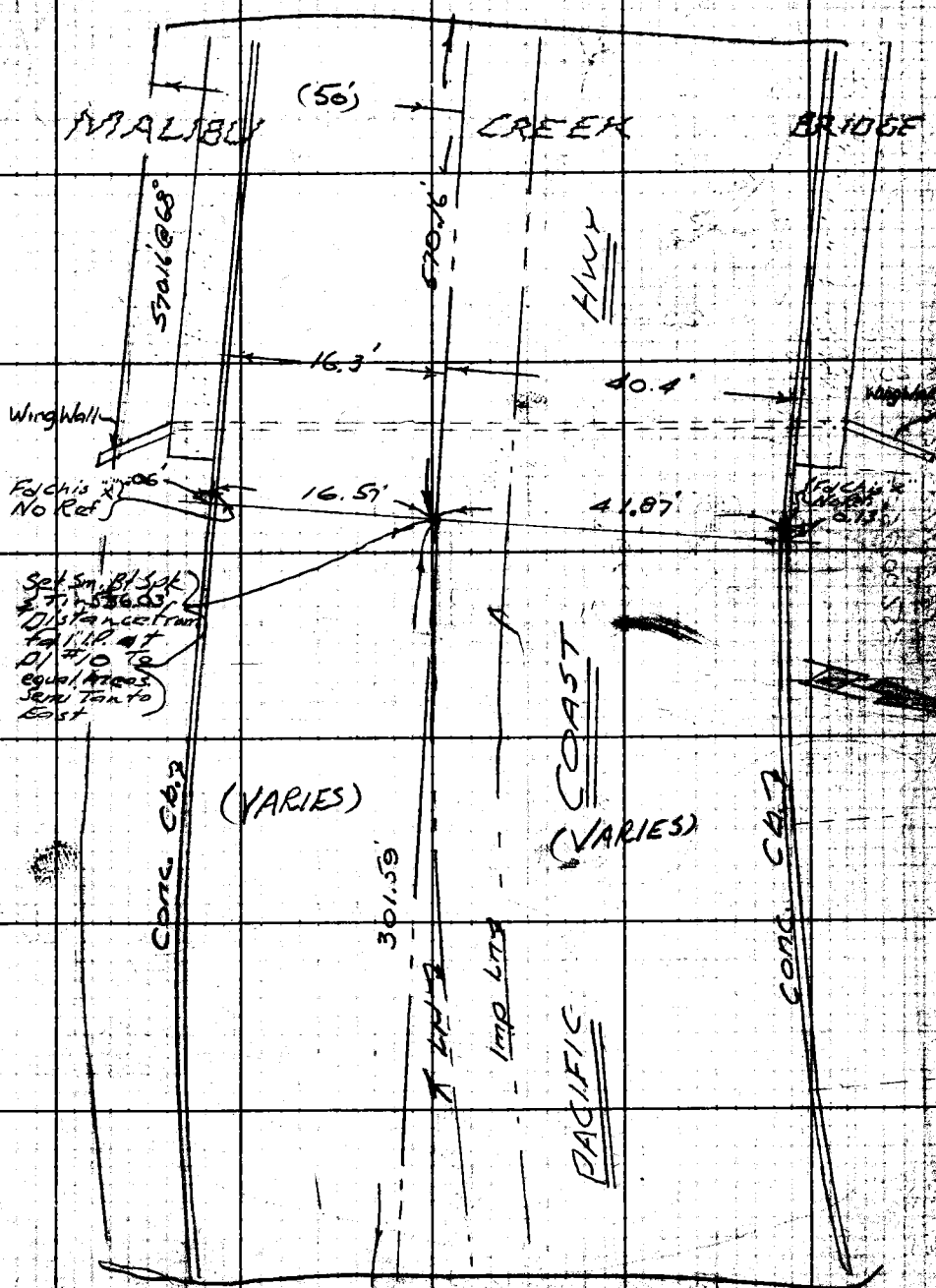


Notes Ck'd by W. J. BRENNER	Survey of ℄ Cwt Work Dist #29
Map No. B-2868-3	IN 0303.00 Tape 0193 Sq 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes E.F.M. Jr. Date Jan 30 61
Date MAR 64	Indexed H. E. OTI

F. B 2659 Pg. 161

W.S. 91 C-3

TO BOT PG 162



TO TOP PG 160

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

Do not extend notes this side of this line.

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

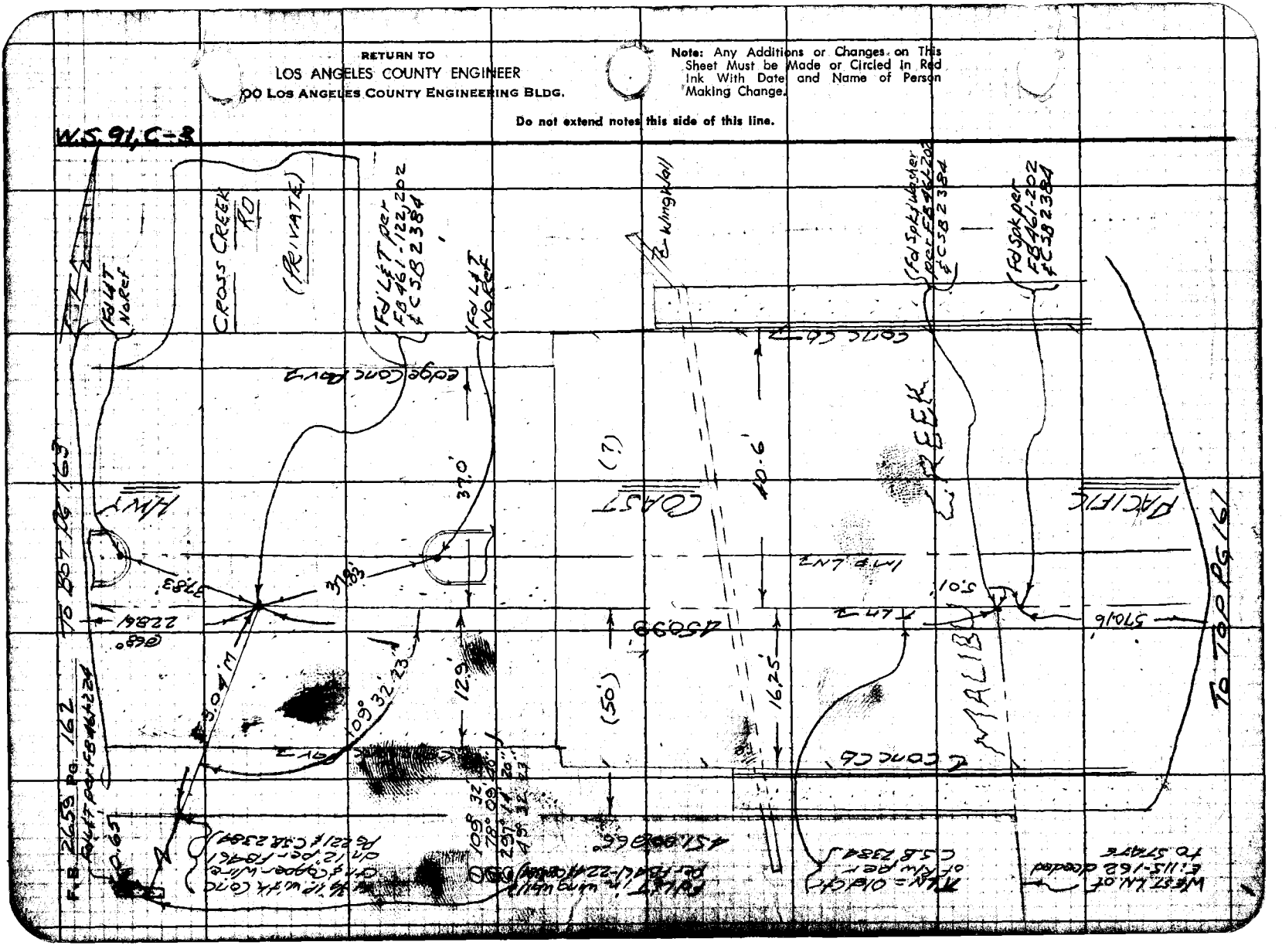
763098 CE #247—7-5

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

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

Do not extend notes this side of this line.

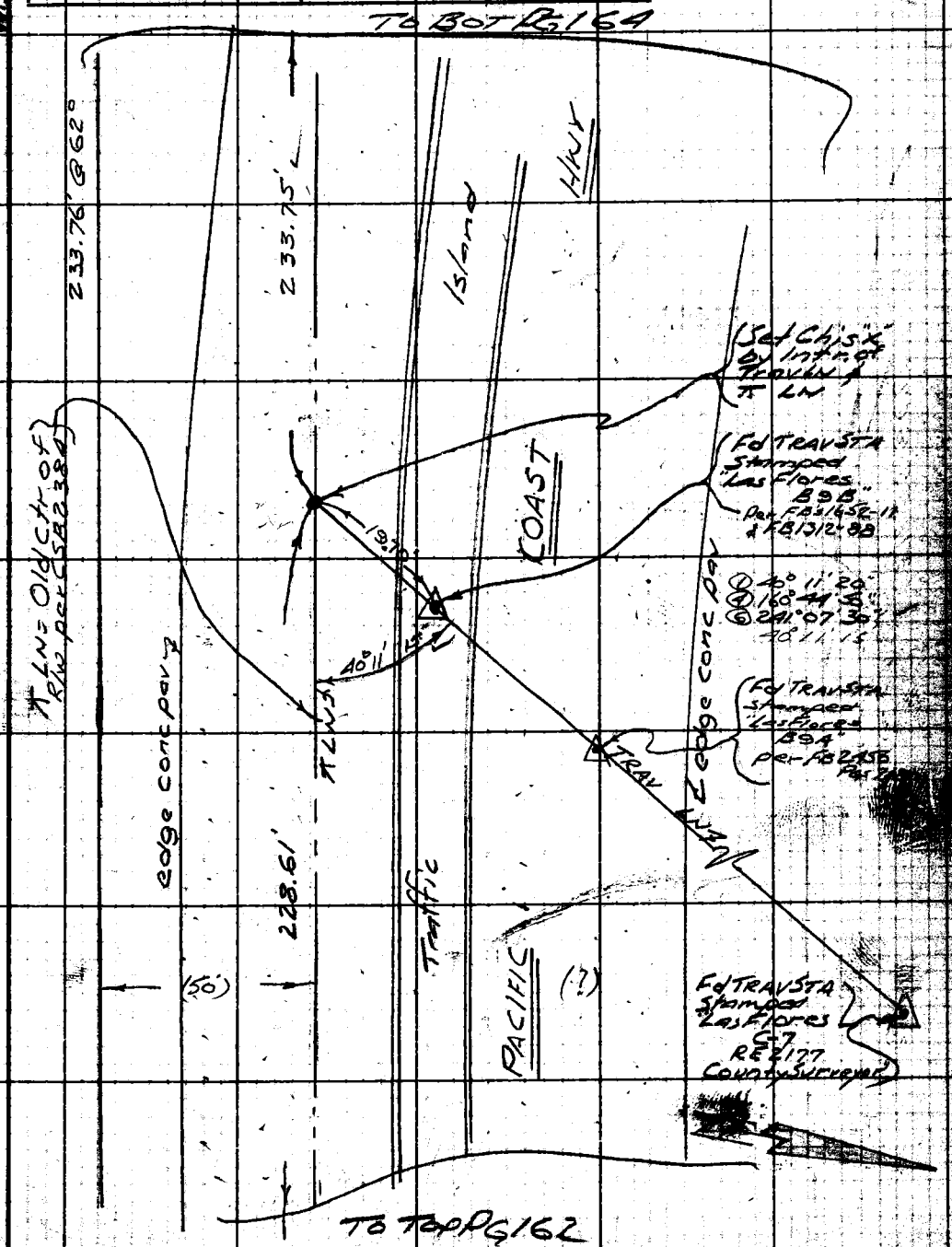
W.S. 91, C-8



W.S. 94 C-3

Notes Ck'd by W. J. BRENNER	Survey of ℄ (WTR WORKS DIST #2)
Map No. B-2868-3	JN 0843.03 Tape 0193 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr. Date 1.31.61
Date MAR '64	Indexed d. E. OTI

F. B. 2650 PG. 163



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

Do not extend notes this side of this line.

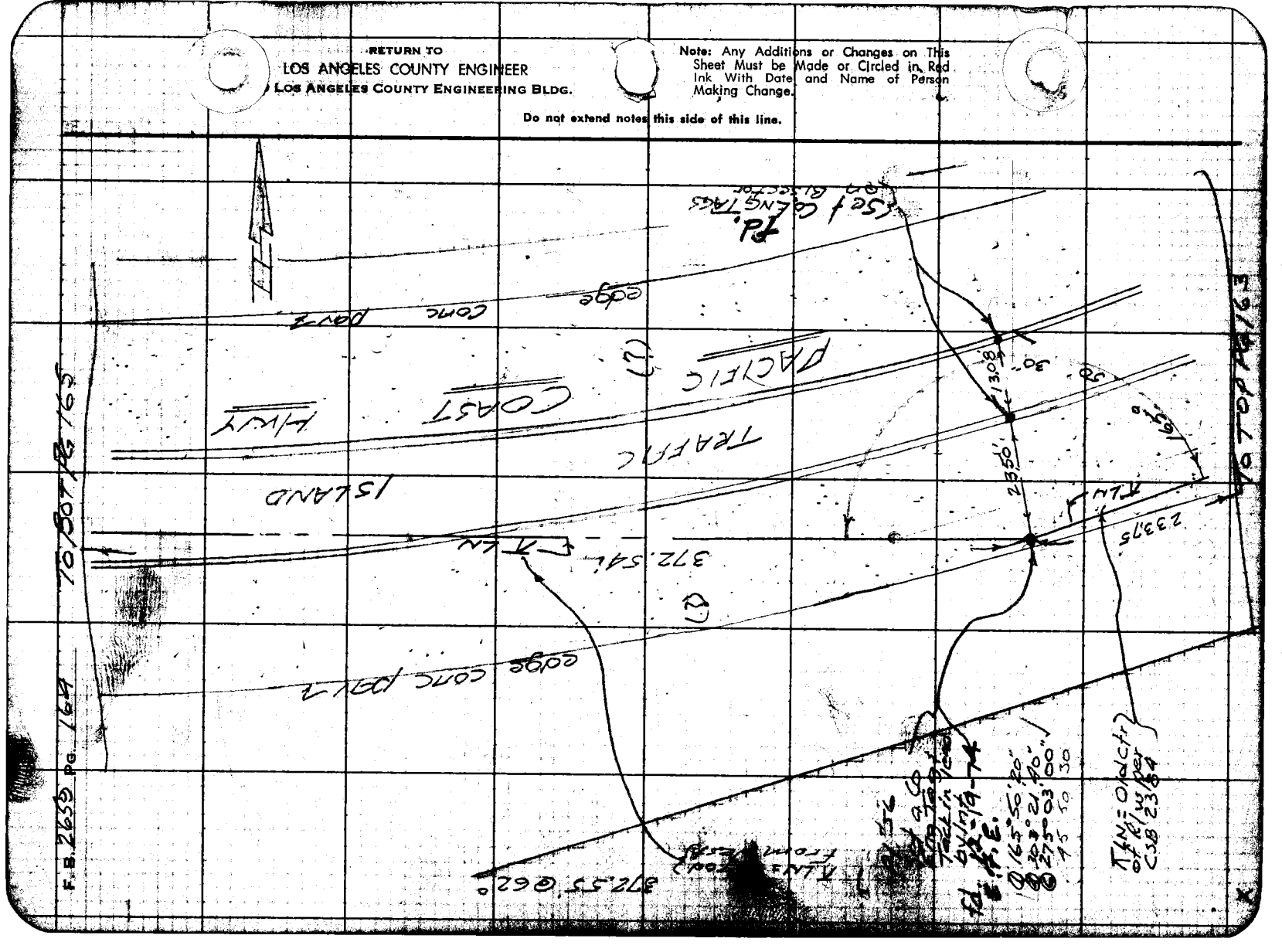
RETURN TO
LOS ANGELES COUNTY ENGINEER
LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247

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

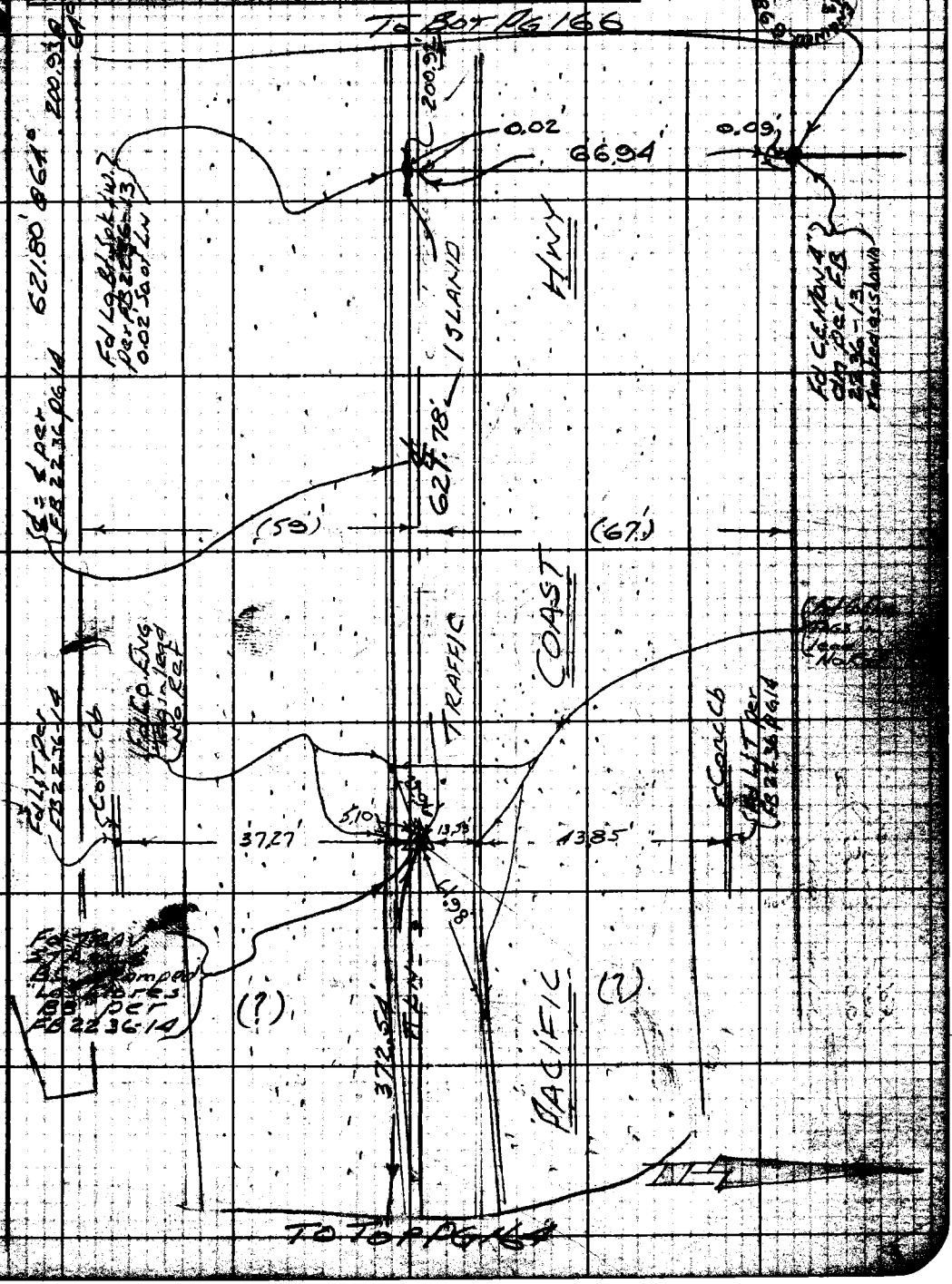
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.



Notes Ck'd by W. J. [illegible]	Survey of ℄ (Wtr. Works Dist #29)
Map No. [illegible]	IN 0103.00 Tape 0193 Std 68° °F
Office Work G. [illegible]	Surveyed by Mankey Jr
Checked W. [illegible]	Notes Mankey Jr Date 2-1-61
Date [illegible]	Indexed H. E. Ott

F. B. 2659 Pg. 165



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

Do not extend notes this side of this line.

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

763098 CE #247—7-55

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

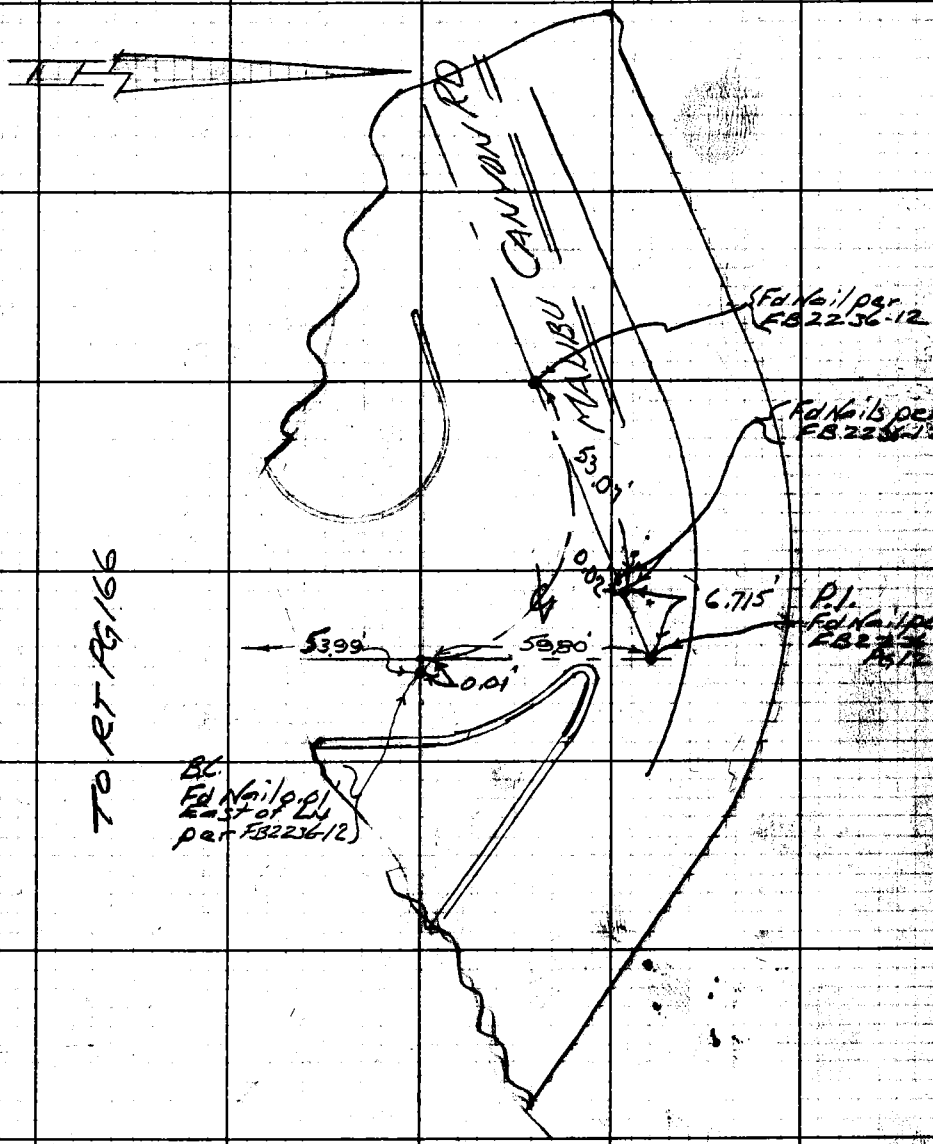
Note: Any Additions or Changes on This Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

W.S. 91.6-3

Notes Ck'd by W. J. BRENNER	Survey of ℄ (Wtr Works Dist #29)
Map No.	JN 030300 Tape 0193 Std 68° °F
Office Work G. D. BAILEY	Surveyed by Mankey Jr.
Checked W. J. BRENNER	Notes ETM Jr Date 2-2-61
Date MAR '64	Indexed H. E. OTT

F. B 2659 Pg. 167



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

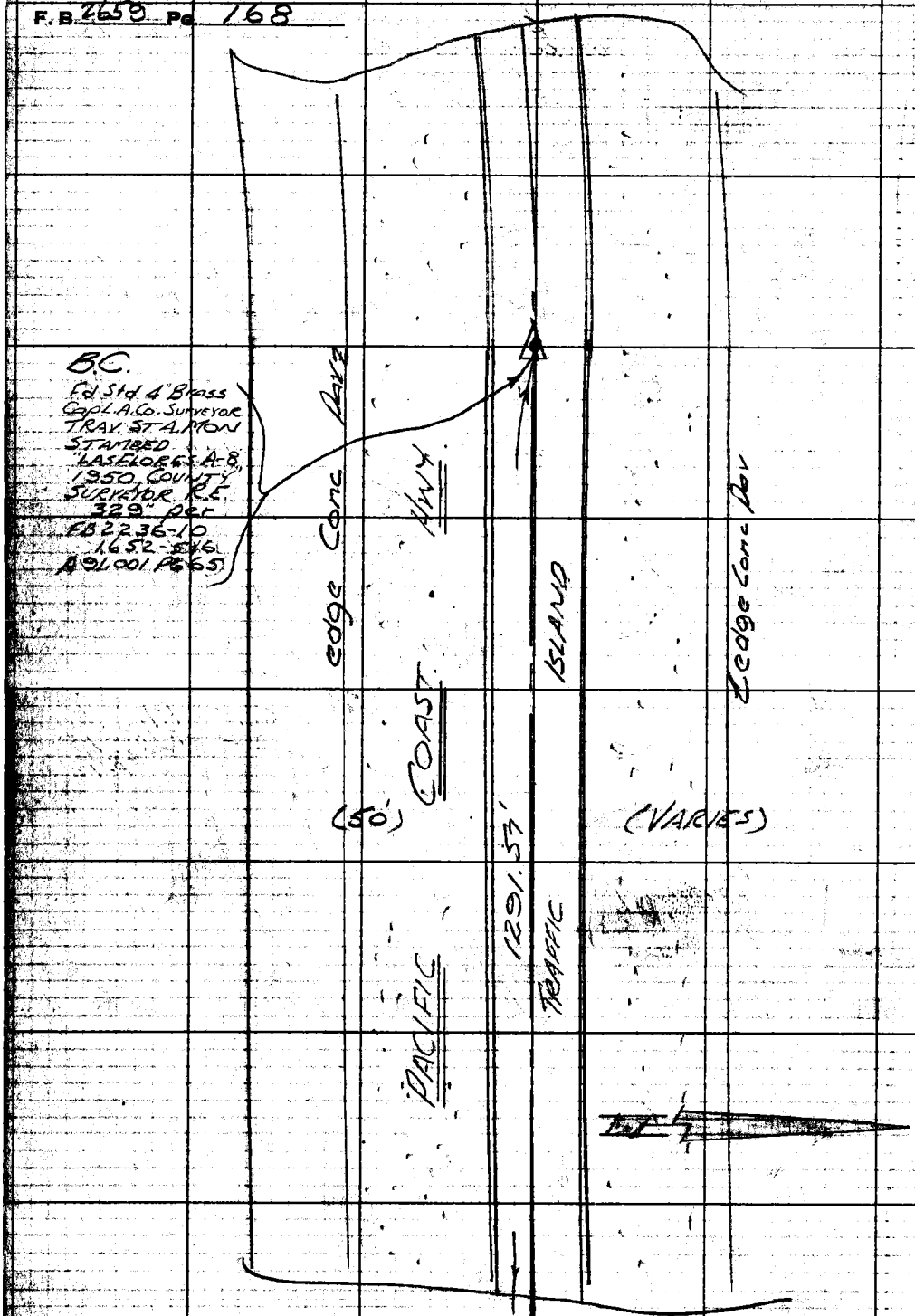
Do not extend notes this side of this line.

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

76F309S CE #247—3

F.B. 2659 Pg. 168

W.S. 91, C-3



To Top Pg. 166

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Wtr. Works Dist #29
Map No.	JN 5294.21 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date Apr 1/24/61
Date	Indexed H. E. OTS NOV 10 '61

F. B. 2659 PG. 201

JN 5294.21

WATER WORKS DISTRICT #29

LOCATING IMPROVEMENTS
at
TOPANGA CREEK BRIDGE

STATIONING ORIGINATES AT
TOPANGA CANYON, 1+00, & IS
CARRIED ALONG APPROXIMATE
30" Wtr LINE ROUTE, 30' So. of ℄

Mankey Jr.
McCall
Swann
Manley

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

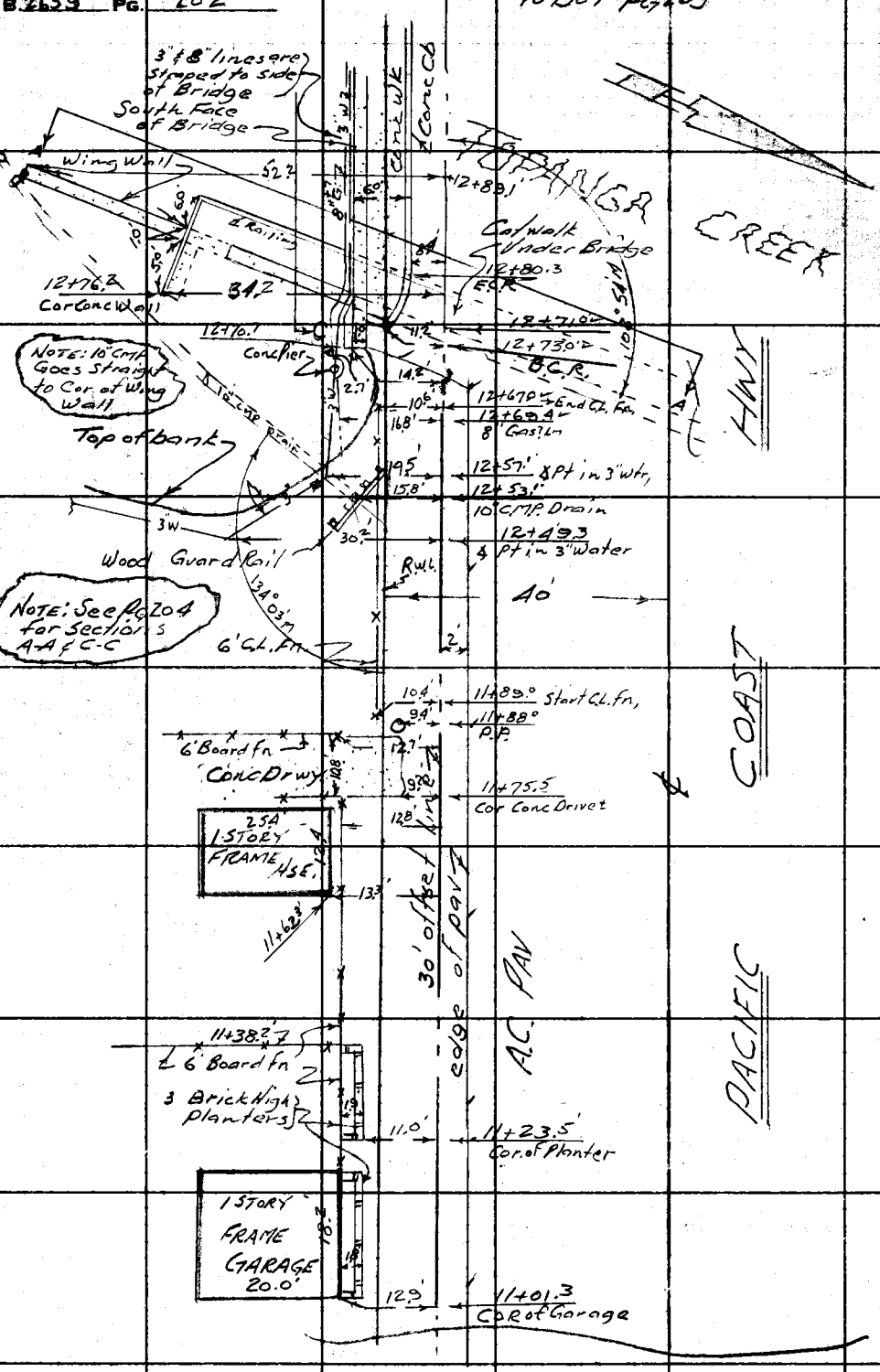
Do not extend this date of this line.

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

78F3098 S&E #287 11-60

F. B. 2659 Pg. 202

To Bot Pg. 203



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

Do not extend this side of this line.

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

Notes Ck'd by		Survey of W.W. Dist #29	
Map No.		JN 5204.21 Tape	Std °F
Office Work		Surveyed by Mankey Jr.	
Checked		Notes E.C.M. Jr.	Date 4-24-61
Date		Indexed E. E. OTT	MAY 10 '61

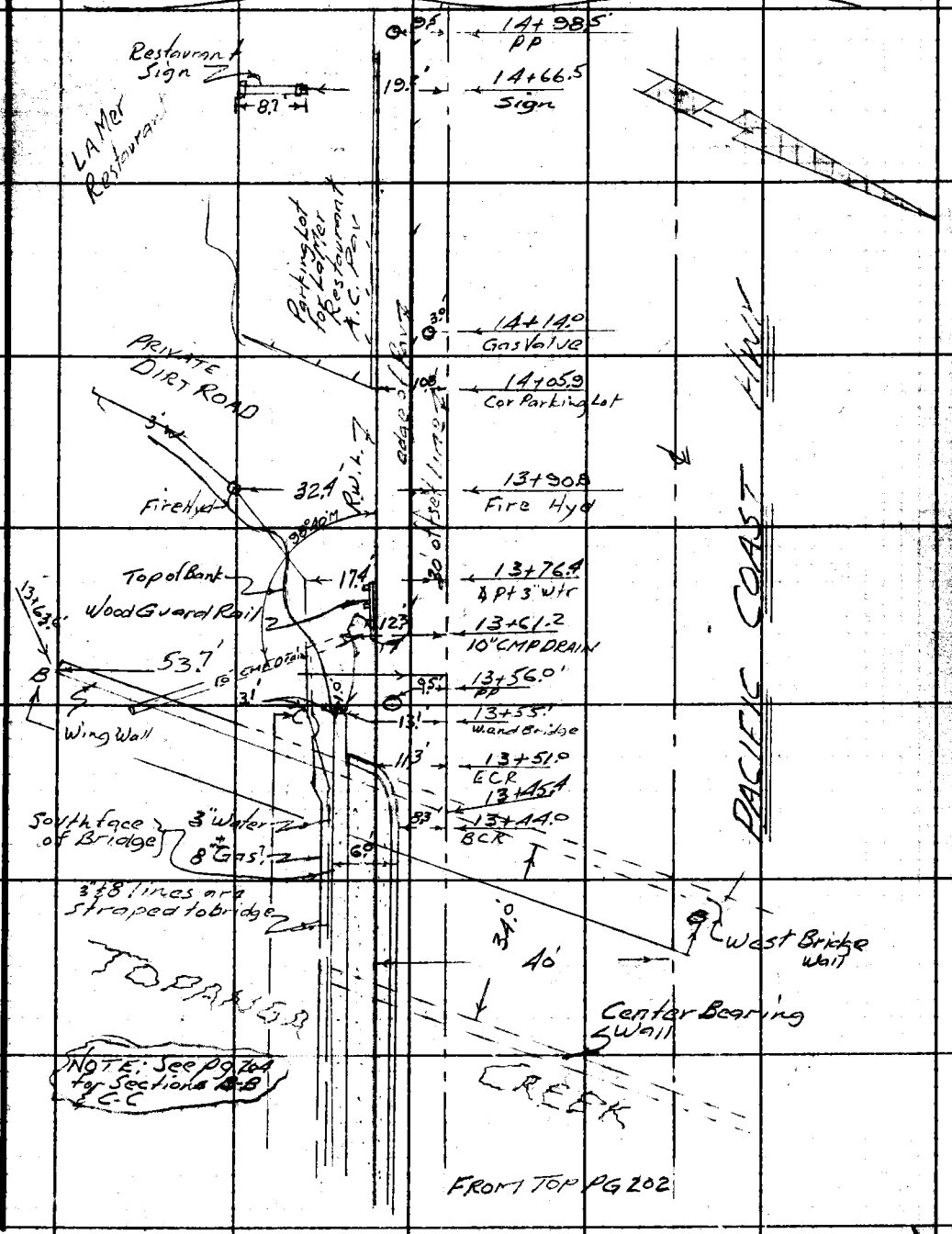
F. B. 2659 Pg. 203

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

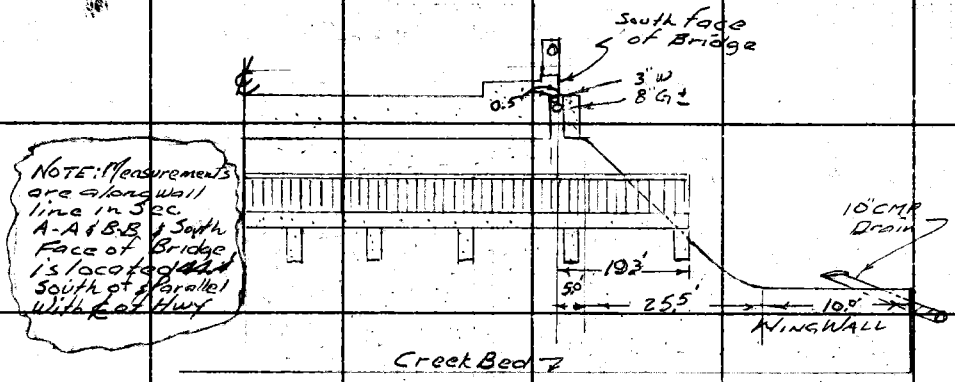
Do not extend this side of this line.

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

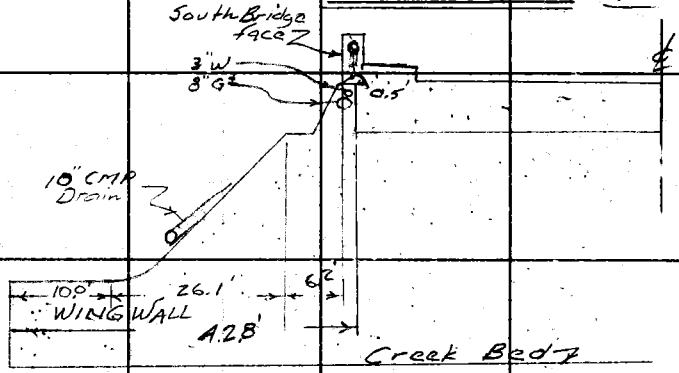
78F309 S&E #247 11-56



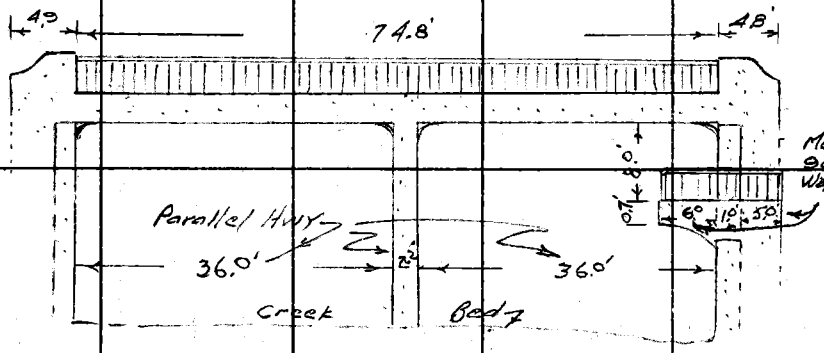
F. B. 2659 PG. 204



SECTION A-A EAST BRIDGE WALL



SECTION B-B WEST BRIDGE WALL



SECTION C-C SOUTH BRIDGE ELEVATION

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

Do not extend this side of this line.

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

F. B. 2659 PG. 205

Profile No.	Notes Red.	Plotted	Job No. 5294.21	Division No.	
	Date	Date	Survey of Wtr. Works Dist #29		
X-Sec. No.	Notes Chkd.	Checked	Survey by Mankey Jr.	Notes ETM Jr.	Date May 1, 61
	Date	Date	Map No.	Indexed N. E. OTI	Date MAY 10 '61

JN 5294.21

WATER WORKS DISTRICT #29

X-SECTIONS at TOPANGA CREEK BRIDGE

Mankey Jr.
Swann
Manley

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

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

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

Do not extend notes this side of this line.

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

F. B. 2659 Pg. 206 Job No. 524.6 Division No. Dist. #2
Survey of Water Works Dist. #29 Profile
Survey by Ettman Notes Monkey 3/6 Notes Red Plotted
Indexed Notes Chkd. Checked
Date Date Date Date
No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	So. Side PACIFIC COAST HWY at TOPANGA BRIDGE
					BM 48-62 EL 28.515 ✓ FB 1369-52
BM 48-62				28.52 ✓	Pacific Coast Hwy. & Topanga Creek at the S.E. Cor. of Conc. Bridge, in the top of Conc. Abutment outside of E'ly End of Guard Rail, A Std. Disc Stamped P-99 1933
	5.12	33.94			
					LT & So. — ℄ (30) HN. — RT & No.
11+00			3.8	30.1	30' ℄ COAST HWY
"			4.4'	29.5'	2' edge of pav't
"			4.6'	29.3'	10' o/ So. P/L of Hwy.
12+00			4.4'	29.5'	30' ℄ Hwy
"			5.2'	28.7	2' edge of pav't
"			5.3'	28.6	10' So. P/L
"			5.0'	28.9'	24.4' (10' So. of So. face of Bridge Prolgd East)
12+10			5.1'	28.9'	24.4' (" " " " " ")
+50			4.5'	29.7'	24.4' (" " " " " ")
12+53'	INVERT on 10" CMP		6.9	27.0'	15.8' Flow line 10" CMP (flow S.W. 40.5%)
12+55'	Top of Bank		4.4	29.5	24.4' (10' So. of So. face of Bridge)
12+73.0'	Top of 9" Cb. face		4.36'	29.58'	11.2' Cb at East end of Bridge
12+78.5	Bank at E. Wing Wall		13.6'	20.3'	24.4' (10' So. of So. face of Bridge " ")
12+79.5	E. Wing Wall & Creek Bed)		31.9'	2.0'	24.4' (" " " " " " ")
13+15.5	℄ Creek Bed)		30.2'	3.7'	24.4' (" " " " " " ")
13+53.6'	Creek Bed & W. Wing Wall		30.2'	3.7'	24.4' (" " " " " " ")
13+54.6'	W. Wing Wall & Bank		11.4'	22.5'	

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	So(side) PACIFIC COAST HWY at TOPANGA BRIDGE (Cont) LT & So	⊼ = (30') LN South RT & No
		33.94	(Per Pg 106)			
13+44	BCR		.4.25'	29.69'	8.3' Cb.	
"			.5.06'	28.88'	8.3' Gut	
13+61.2	INVERT on 10" CMP.		.6.94'	27.0'	12.3' flow ln. of 10" CMP. (Flow S.E. 51.6 %	
13+75.0			.4.5'	29.4'		30' (CTR of HWY)
"			.5.4'	28.5'	6' So. edge of PAV.	
"			.5.5'	28.4'	10' Toe Berm	
"			.4.4'	29.5'	14' Top Berm	
"			.4.3'	29.6'	19' " "	
"			.7.5'	26.4'	24.4' (10' So. of So. face of Bridge Proded West)	
13+83			.6.8'	27.1'	24.4' (" " " " " " ")	
+89.5			.3.5'	30.4	24.4' (" " " " " " ")	
+97.5	(Last edge dirt road)		.4.6'	29.3'	24.4' (" " " " " " ")	
14+14	W. " " ")		.4.2'	29.7'	24.4' (" " " " " " ")	
14+50			.4.0'	29.9'		30' ℄ of Hwy
"			.4.4'	29.5'	⊼	
"			.4.7'	29.2'	6' So edge of pav	
"			.4.5'	29.4'	10.8' No. edge of Parking Lot pav	
"			.2.2'	31.7'	24.4' (10' So. of So. face of Bridge Proded West)	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5294.16 Division No. ____ F. B. 2659 Pg. 207
X-Sec. No. ____ Date ____ Date ____ Survey of Wtr. Works Dist #29
Notes Chkd. ____ Checked ____ Survey by Mankey Notes ETM Date May 1, 61
Date ____ Date ____ Map No. ____ Indexed ____ Date 10 61

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	SO (side) PACIFIC COAST HWY at TOPANGA BRIDGE (cont)	
		33.94' (Per Pg. 107)			LT & SO	↑ (30) Ln. South Rt & No.)
15+00						30' ℄ of Hwy
"			.3.5'	30.4'		↑
"			.4.0'	29.9'		6' So. edge of pav.
"			.3.8	30.1'		10.8 No. edge st parking lot Pav.
"			.2.0	31.9'		24.4' (10 So. of So. Bridge Ln. prod. West)
BM 48-62			.5.43	28.51	BM 48-62 EL 28.515 FB 1369-52	

F. B. 2659 Pg. 208
Job No. 5294.2 Division No. Notes Red Plotted Profile
Survey of Wtr. Works Dist #29 Date Date No. X-Sec.
Survey by ETM & Notes Monkey s/n Notes Chkd. Checked No.
Indexed Date Date Date

Notes Ck'd by	Survey of W.W. Dist #29	F. B. 2650 PG. 20
Map No.	JN 5294.21 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date Apr 1/26/61	
Date	Indexed H. E. on MAY 10 61	

JN 5294.21

WATER WORKS DISTRICT #29

LOCATING IMPROVEMENTS
at
TUNA CANYON BRIDGE

STATIONING ORIGINATES AT TOPANGA CANYON, 1+00, & is CARRIED ALONG APPROXIMATE 30" WTR. LINE ROUTE, 28' SO. of ℄

Mankey Jr.
McGill
Swann
Manley

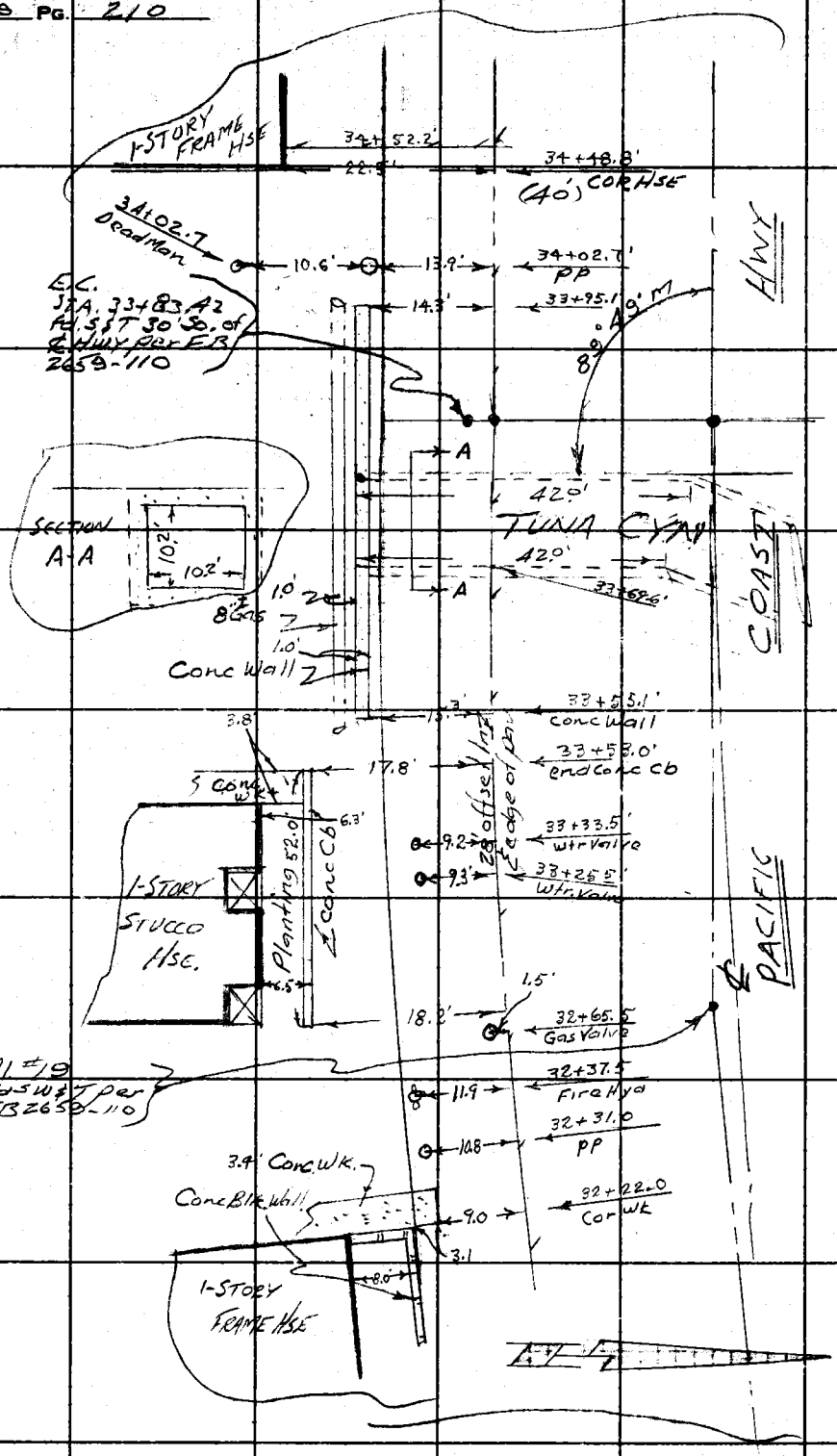
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S S&E #247 11-58

F. B. 2658 Pg. 210



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

Do not extend this side of this line.

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

F. B. 7659 Pg. 211

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No 5294.21 Division No. ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Wtr. Works Dist #29

Survey by Mankey Jr. Notes ETM Jr. Date May 1, '61

Map No. ____ Indexed H. E. Off Date ____

JN 5294.21

WATER WORKS DISTRICT #29

X-SECTIONS

at

TUNA CANYON BRIDGE

Mankey Jr.
Swann
Manley

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

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

Do not extend notes this side of this line.

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

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

F. B. 2659 Pg. 2/2 | Job No. 5294.2 | Division No. | Profile
Survey of Wtr. Works Dist #29 | Date | No. | X-Sec.
Survey by Ettinger & Kaysr. | Notes | Checked | Date | No.
Indexed | Date | Notes Chkd. | Date | Notes Red. | Plotted | Date

STATION	B. S.	H. I.	F. S.	ELEV.	So. (side) PACIFIC COAST HWY at TUNA CYN BRIDGE
					Brc 48-64 EL 21.117 NGS FB 1369-53
					L.A. Co. Trans'ta. Disc. (T.C.B-8A) Under Cover 380' E. of Tuna Canyon Rd. 2.0' S'ly. from
Brc 48-64				21.12	Edge of Asphalt Conc. Pav 20' N.W.'ly of
TP				19.31	N.W. Cor of Hse #18936 Pac. Coast Hwy.
					LT & So — ℄ = (28') South — RT & No
32+00				21.0	28' ℄ of Hwy
"				20.9	℄ & edge of pav
"				20.7	12' at So. P/L & Conc Blkwall
32+50				20.5	28' ℄ of Hwy
"				20.4	℄ & edge of pav
"				20.3	12' So P/L
"				19.6	22' at Top of Bank to Beach
33+00				20.3	28' ℄ of Hwy
"				20.2	℄ & edge of pav
"				19.2	12' So. P/L
"				18.8	25'
33+01.0				19.5	18.2 Top Conc Cb
" 53.0				19.3	17.8 Top Conc Cb.
33+53.0				18.8	22.8 West edge conc Wk.
33+55.1	East end Retaining Wall			19.46	15.3
33+60	Top of Bank			16.5	23'
33+69.0	Toe of Bank			7.6	23'

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	So. (side) PACIFIC COAST HWY at TUNA CYN. (Cont)	
					LT & So	⊼ (28) Ln. So RT & No
33+69.6				20.2		⊼ & edge of pav
33+69.7	INVERT of 10'² Sq. Conc. Drain			7.2'	16' at out let of 10'² Sq. Box	
					DRAIN is level for first 42'	
33+84	Bot of Bank			9.2'	23'	
34+00				20.4'		28' ℄ of Hwy
				20.2'		⊼ & edge of pav
				19.7'	12' So. ℄	
				19.8'	18'	
				17.2'	23'	
34+50				20.4'		28' ℄ of
"				20.0'		⊼
"				19.6'	12' So. ℄	
"				19.5	225 at 1 Story Frame Hse	
Brl 48-64					Brl 48-64 El 21.117 FS 1369-53	

Profile Notes Red. Plotted Job No. 52943 Division No.
No. Date Date Survey of Wtr Works Dist #29
X-Sec. Notes Chkd. Checked Survey by Montevideo Notes Entered Date May 1, '61
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2659 Pg. 213

F. B. 2659 Pg. 24

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

76L-398 S & E #307—1-54

Notes Ck'd by	Survey of Wtr Works Dist #29	F. B. 2659 Pg. 215
Map No.	JN 5294.21 Tape Std °F	
Office Work	Surveyed by Mankey & Co	
Checked	Notes ETM & Co Date Apr 7 '61	
Date	Indexed N. E. On MAY 10 '61	

JN 5294.21

WATER WORKS DISTRICT #29

LOCATING IMPROVEMENTS
at
LAS FLORES CANYON BRIDGE

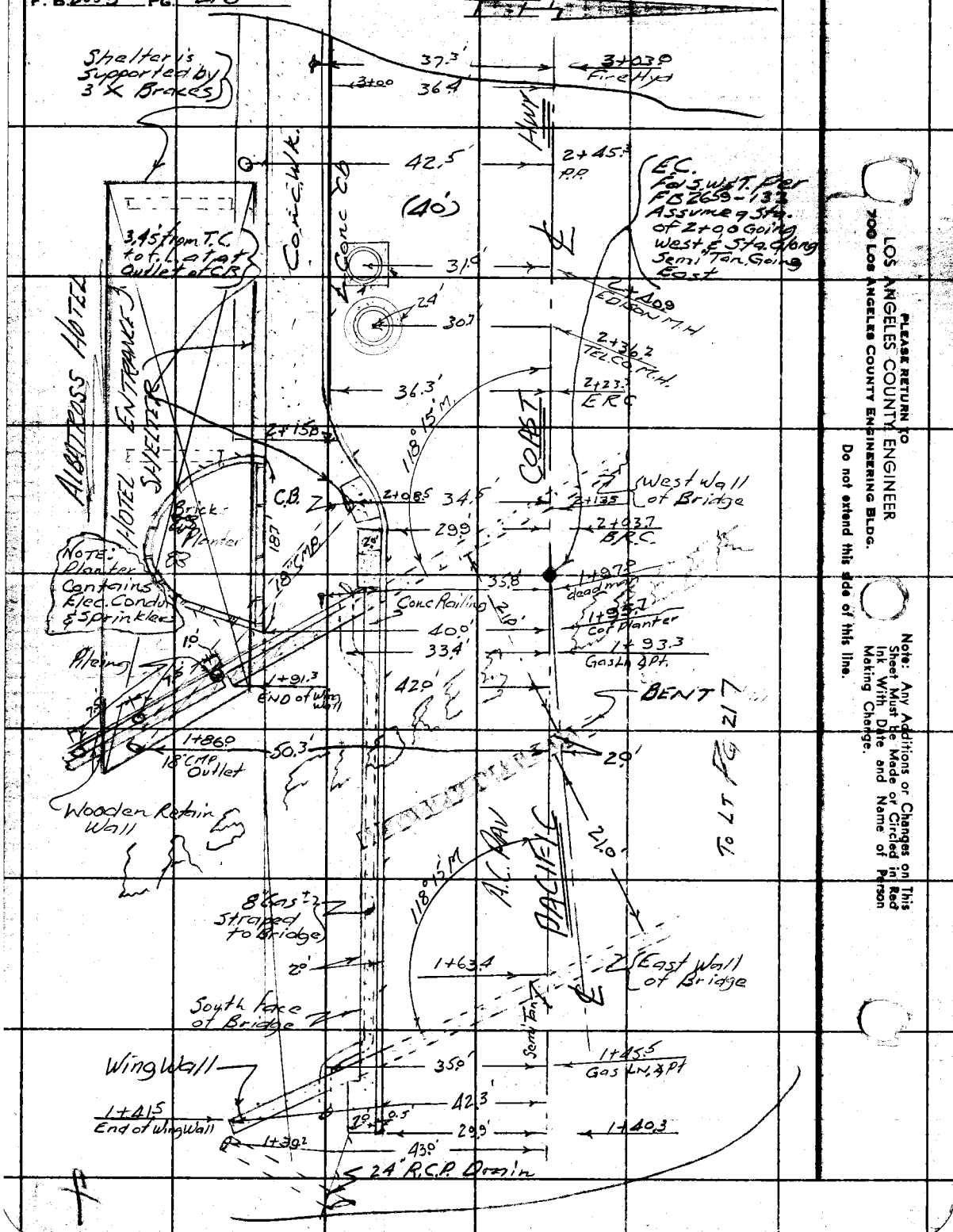
Mankey & Co
McCall
Swann
Manley

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

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

76F309S S&E #247 11-58

F. B. 2659 PG. 216

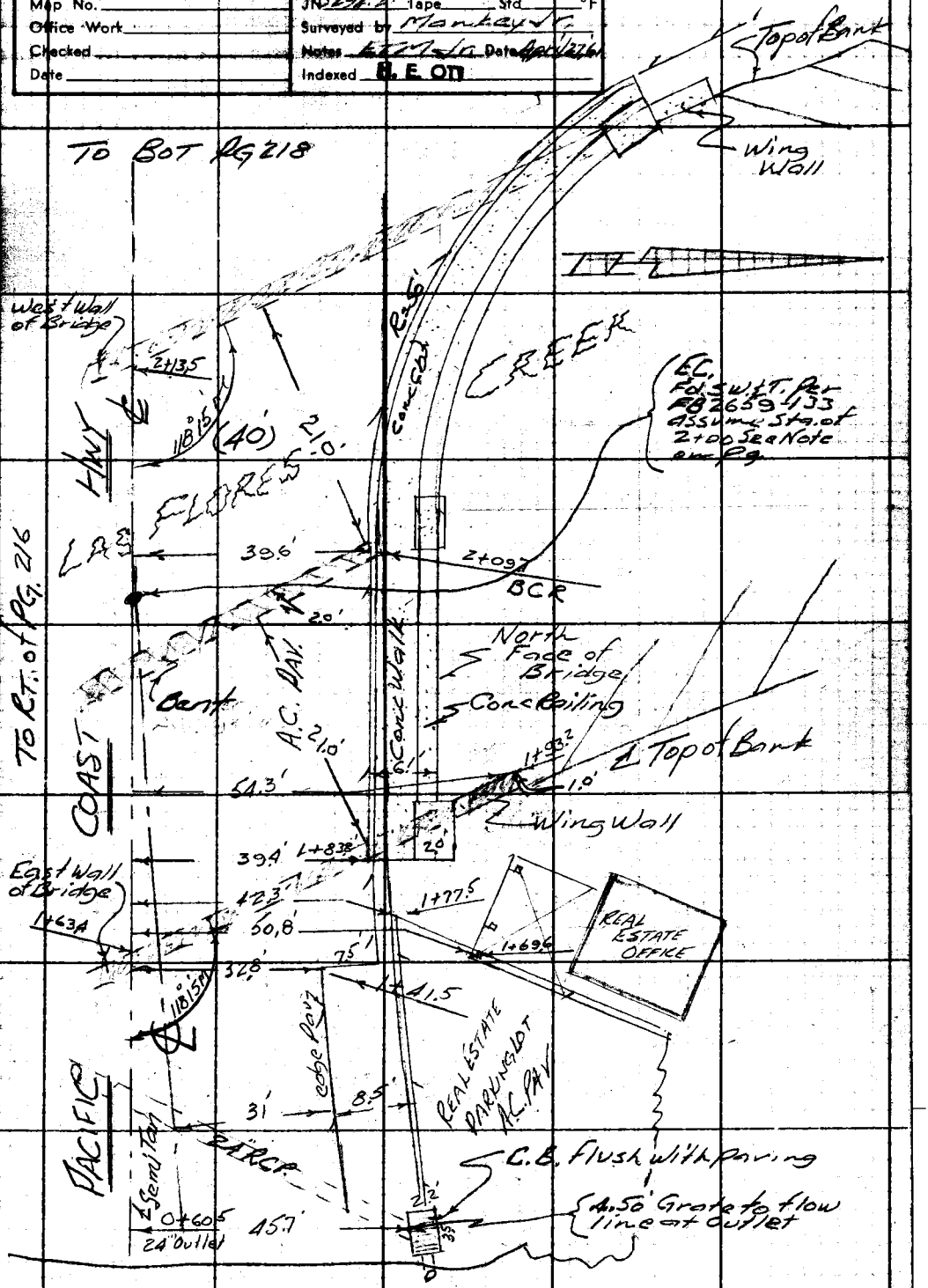


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of Wtr. Works Dist # 20	F. B. 2659 PG. 217
Map No.	JN 5294.2 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes E.T.M. Jr. Date Apr 1/2761	
Date	Indexed B. E. OTT	

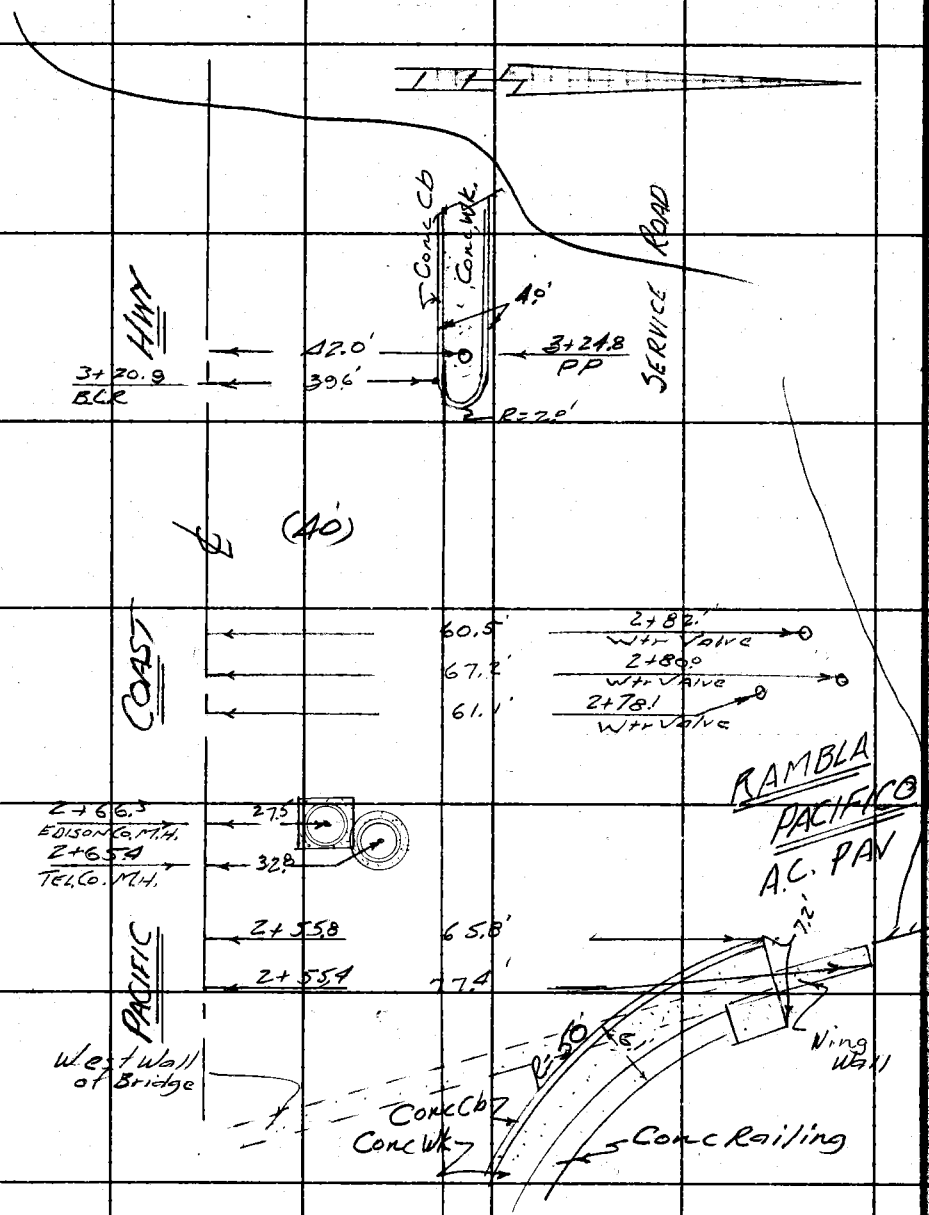


Note: Any Additions or Changes on Sheet Must be Made or Circled in Ink With Date and Name of Person Making Change.

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

76F309S S&E #247 11-58

F. B 2659 PG. 218



FROM TOP PG 217

LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

Do not extend this side of this line.

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

F. B. 2659 Pg. 2/9

Profile No. ____ X-Sec. No. ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 5294.21 Division No. ____
Survey of Wtr. Works Dist # 29
Survey by Mankey Notes ETM Date May 2, 1961
Map No. ____ Indexed H. E. OR Date ____

J.N. 5294.21

WATER WORKS DISTRICT #29

X-SECTIONS

AT

LAS FLORES CREEK BRIDGE

Mankey Jr.
McCall
Swann
Manley

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

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

Do not extend notes this side of this line.

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

76L-298 S & E #307—1-58

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

F. B. 2659 PS. 220 Job No 5294.2 Division No Notes Red Plotted Profile
Survey of Water Works Dist. #29 Date Date No X-Sec.
Survey by ETM + VG Notes Maddekin Checked Notes Chkd. No.
Indexed Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY. at LAS FLORES CREEK
					LT & So. ℄ of Hwy RT & NO
					BM 48-73 EL 17.456 ✓ FB 1369-62
					Pacific Coast Hwy at Las Flores Canyon Bridge
					A U.S.C & G.S. Brass Disc, N-576 1939, in top of
BM 48-73				17.46	S.E. end of Retaining Wall, 12' N.W. of
					N.W. end of N. Guard Rail of Conc. Bridge
0+00				13.6'	60' Pav. in Las Flores Rd.
0+00	(On Semi Tan.)			13.6'	50' No. edge pav
"	(1' " ")			14.9'	19.7' Ctr. of Hwy
"				15.4'	2' Pav Crown
"				14.7' Top of Grate	22.3' in A.C. Paved Parking Lot & P/L
0+60.5	Catch Basin			13.2'	(4.5' Grate to F.L. of 24" R.C.P.) 45.7' Rt
"	Invert on 24" R.C.P. Outlet to S.W.			8.7'	
1+00				13.5'	55' A.C. Paved Parking Lot
"				13.5'	36' No edge of Pav
"				14.8'	5.6' Ctr. of Hwy
"				15.1'	15.7' Pav Crown
"				14.5'	35' A.C. Paved Parking Lot
1+31				14.3'	46' Top of Bank
1+39	INVERT on 24" R.C.P. Drain Outlet			7.4'	43' (Direct to flow In)
1+40.3				14.9'	29.9' Gut
"				15.52'	29.9 Cb
1+41.5				14.1'	32' Edge Pav

NOTE: Eng. Sta. along Hwy from 0+00 to 2+00 are along the Semi Tan

76L-298 S & E #307—1-56

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

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

11
5.7

Do not extend notes this side of this line.

PACIFIC COAST HWY at LAS FLORES CREEK BRIDGE

STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ So	℄ = Semi Tangent of Hwy	RT ℄ No
L+41	Bank at East Wing Wall			11.5'	40'		
1+42	E. Wing Wall & Creek Bed			6.0'	40'		
1+63.8±	Hwy & E. Wing Wall			15.3			0.4' CTR of Hwy Pav.
1+82.5				5.7	40' Toe of Slope		
1+83.8	Start No. side Bridge			15.0'			39.4' Gut.
"	"			15.72			39.4 CL
1+86.0	Invert of 18" CMP Drain Outlet			10.6'	50'	Direct to flow line	
1+89±				14.9'			55' Top Bank
1+92.8±	Creek & W. Wing Wall			8.9	40'		
1+93.7	W. Wing Wall & Wooden Ret. Wall			12.4'	40		
1+94	Top Ret. Wall & Grade			15.9	40'		
2+00.0	E.C. per FB			15.9'		℄	
2+01				5.8'			55' Toe Bank
2+03.7	B.C.R.			15.4'		39.9' Gut	
"				16.15 Top. CB		39.9 CL	
2+08.5				16.13	16.13 3.4 12.68	34.5' Lt. (34.5' T.C. to L. outlet)	
	Invert of 18" CMP Drain Outlet			12.68'			
2+09.7	B.C.R.			15.5			39.6' Gut
"	"			16.09'			39.6 CL
2+13.5	℄ Hwy and W. Wing Wall			16.2'		℄	

Profile Notes Red Plotted Job No. 5298 Division No.
No. X-Sec. Date Date Survey of Structure Work Dist. #29
No. Notes Chkd Checked Survey by Maukonen Notes ETM 4/Date May 2, 61
Date Date Map No. Indexed H.E.O.R. Date

F. B. 2655 Pg. 22

76L-298 S & E #807—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY at LAS FLORES CREEK BRIDGE	
					LT & SO	℄ = ℄ HWY RT & NO
2+15.8	Start of conc Walk			16.2	40' edge of Wk	
2+23.3	ECR			15.4'	36.3' Gut	
~~2+23.3~~				—	~~36.3 Cb~~	
2+24±				6.4'		55' Toe of Bank
2+40.2	Creek & W. Wing Wall			10.1		55'
2+45.2				16.93'		55' Cb.
"				16.2'		55' Gut
2+55.8	ECR			17.09'		65.8' Cb
"				16.4'		65.8 Gut
3+00				18.1'	℄	
"				17.6'		40' Pav
"				17.3'		55' Pav
"				17.5'	36.4 Gut	
"				18.39'	36.4 Cb	
"				18.55'	44.5' back of Wk	
3+20.9				18.0'		39.6 Gut
"				18.70'		39.6 Cb
"				18.80'		43.6 Cb
"				18.25'		43.6 Gut

F. B. 2659 Pg. 222 Job No. 5294.21 Division No. Notes Red Plotted Profile
Survey of Wtr Works Dist #29 Date Date No. X-Sec.
Survey by ETM Jr. Notes Monkey Jr. Notes Chkd Checked
Indexed Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PACIFIC COAST HWY & LAS FLORES CREEK BRIDGE	
					LT & SO	℄ coast Hwy RT & NO
4+00				20.8'		℄
"				19.7'		39.6' Gut
"				21.45		39.6 Cb
"				21.47		43.6 Cb
"				20.82'		43.6 Gut
"				19.7'	36.5' Gut	
"				20.38'	36.5 Cb	
Bm 48-73				17.46'	Bm 48-73 EL 17.456	FB 1369-62

Profile Notes Red. Plotted Job No. 52962 Division No.
No. Date Date Survey of Wtr. Works Dist #29
X-Sec. Notes Chkd. Checked Survey by Hankey Notes Etwb Date May 2, 61
No. Date Date Map No. Indexed B. E. Oil Date

F. B. 2659 Pg. 223

F. B. 2659 Pg. 224

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

76L-298 S & E #307—1-56

Notes Ck'd by	Survey of Wtr. Works Dist #29
Map No.	JN 5294.21 Tape Std °F
Office Work	Surveyed by Mankey & Co.
Checked	Notes EFM & Co. Date May 4 '61
Date	Indexed B. E. OTT

F. B. 7659 Pg. 225

JN 5294.21

WATER WORKS DISTRICT #29

LOCATING IMPROVEMENTS
at
CARBON CANYON CREEK BRIDGE

Mankey & Co
McColl
Swann
Manley

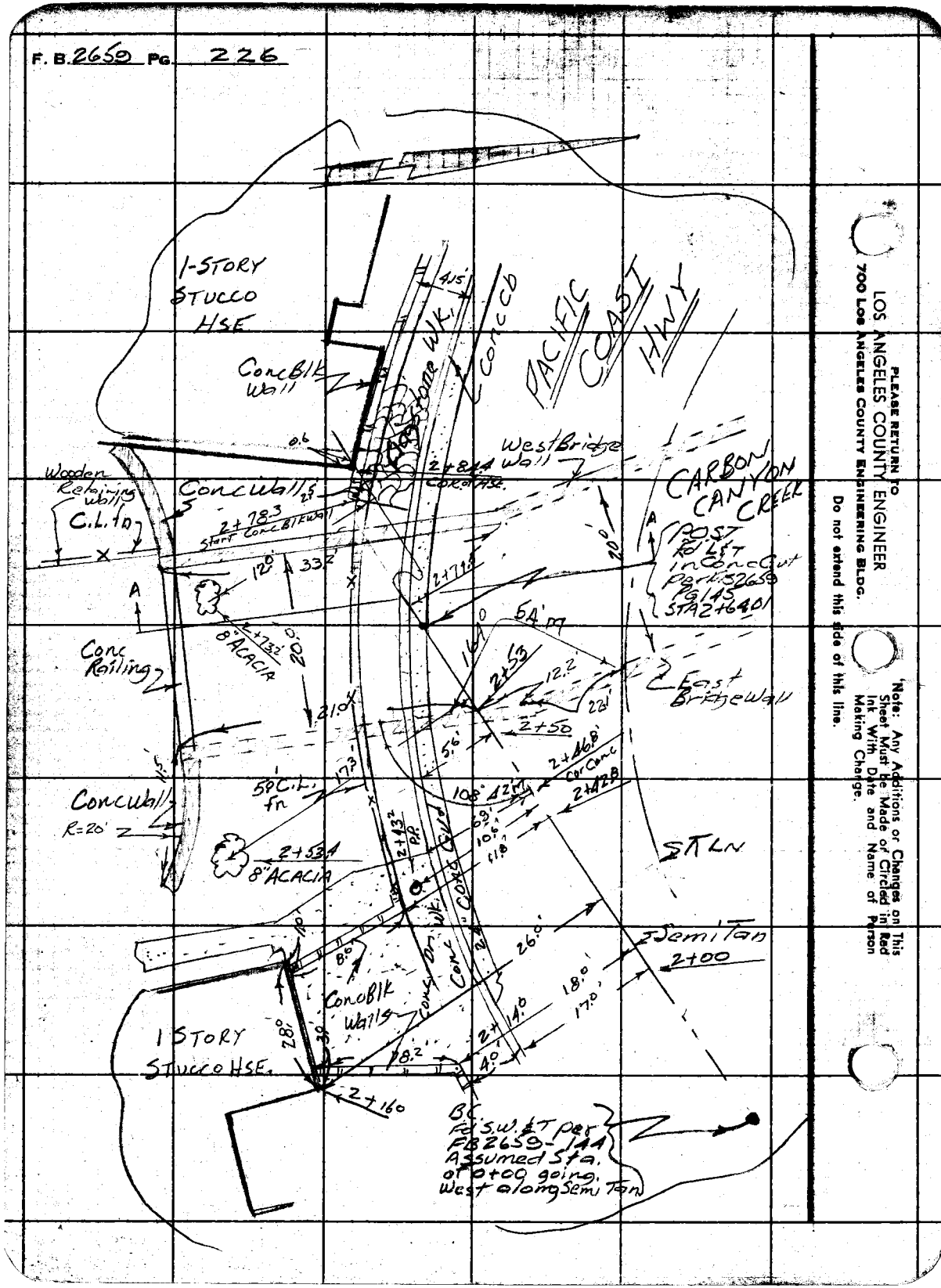
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this line to the top of this line.

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

76F3098 SAE #247 11-58

F. B. 2659 PG. 226



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

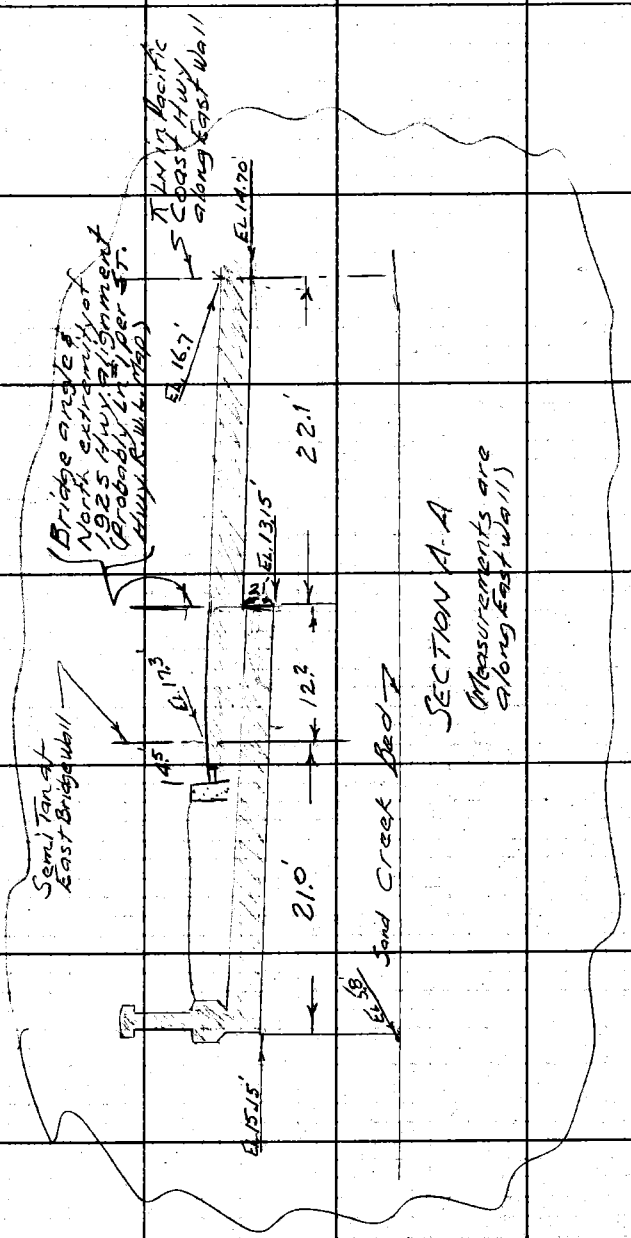
PLEASE RETURN TO

Do not extend this side of this line.

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

Notes Ck'd by	Survey of Wtr. Works Dist #29
Map No.	Ln. 294.21 Tape Std. °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes EFM Jr. Date May 2, '61
Date	Indexed E. E. Ott

F. B. 2659 Pg. 227



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

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

Do not extend notes this side of this line.

76F309S CE #247—3-57

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

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

Do not extend notes this side of this line.

F.B. 2659 Pg. 228

F. B. 2659 Pg. 220

Profile No. ____ X-Sec. No. ____ | Notes Red. ____ Date ____ | Notes Chkd. ____ Date ____ | Plotted ____ Date ____ | Checked ____ Date ____ | Job No. 529421 Division No. ____ | Survey of Wtr. Works Dist # 29 | Survey by Mankey Jr. Notes McCall Date May 3, 1961 | Map No. ____ Indexed B. E. On Date ____

J. N. 529421

WATER WORKS DISTRICT # 29

X-SECTIONS

AT

CARBON CANYON BRIDGE

Mankey Jr.
McCall
Swann
Manley

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

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

Do not extend notes this side of this line.

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

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

F. B. 2657 Pg. 230 Job No 5294.2 Division No Notes Red Plotted Profile
Survey of Mtn. Work Dist. #29 Date Date No. X-Sec.
Survey by Mankey Jr. Notes McCall Notes Chkd Checked
Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	(So. Side) Pacific Coast Hwy. at Carbon Cn. Bridge
					B.M. 48-75 EL = 15.078 ✓ F.B. 1369-64
B.M. 48-75				15.08	Pacific Coast Hwy. at Coal (Carbon) Cn., Copper bolt in N. curb at center of conc. bridge # 53-33
					℄ = Semi. Tan. (See p. 226)
					Lt of So. — Rt of No.
1+00				16.4'	6° ℄ Line in Hwy.
				16.8'	19.2' Pav Crown
"				15.88'	31.2' gut.
"				16.49'	31.2' curb
2+00				16.7'	22.3' ℄ line in Hwy.
				17.3'	3.5' Pav Crown
"				16.80'	17' gut.
"				17.45'	17' curb
"				17.64'	21' back walk.
2+44.1 ±	W. bridge Wall & Hwy. ℄ Line			16.7'	34' pav
2+53	W. Bridge Wall & Semi Tan			17.3'	℄ pav
2+71.5				17.19	℄ gut.
"				17.76'	℄ curb
3+00				18.04'	5' back walk
"				17.80'	9' curb
"				17.17'	9' gut.
B.M. 48-75				15.08	BM 48-75 EL 15.078 FB 1369-64

Notes Ck'd by	Survey of Wtr Works Dist. #29
Map No.	JN 5294.21 Tape Std. °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date May 3, '61
Date	Indexed H. E. OTT MAY 1 0 '61

F. B. 2659 PG. 231

JN 5294.21

WATER WORKS DISTRICT #29

LOCATING IMPROVEMENTS
at
MALIBU CREEK BRIDGE

Mankey Jr.
McCall
Swann
Manley

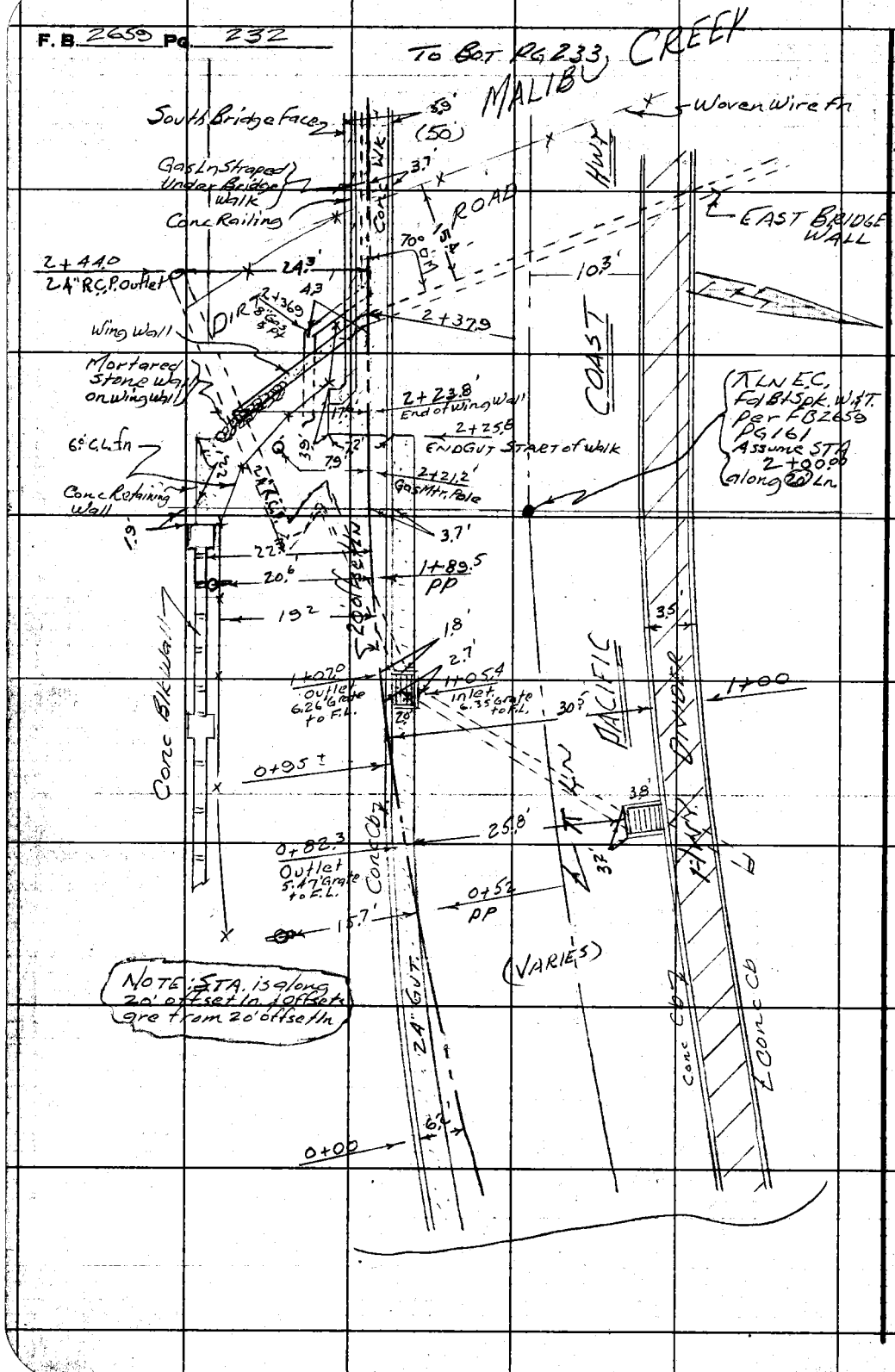
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F. B. 2659 Pg. 232



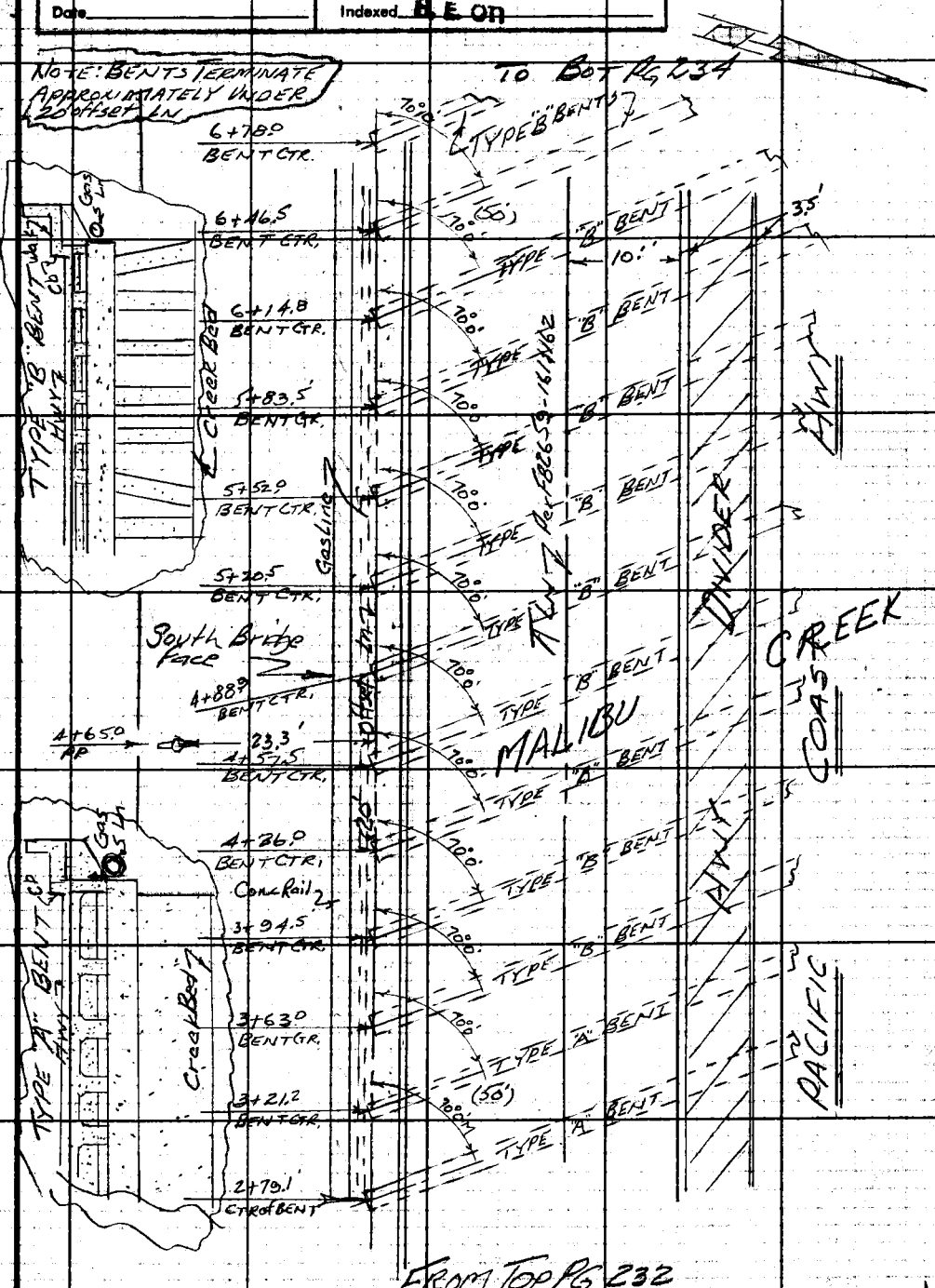
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Wtr Works Dist #29
Map No.	JN 5294.21 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date May 4, '61
Date	Indexed H. E. On

F. B. 2659 PG. 233



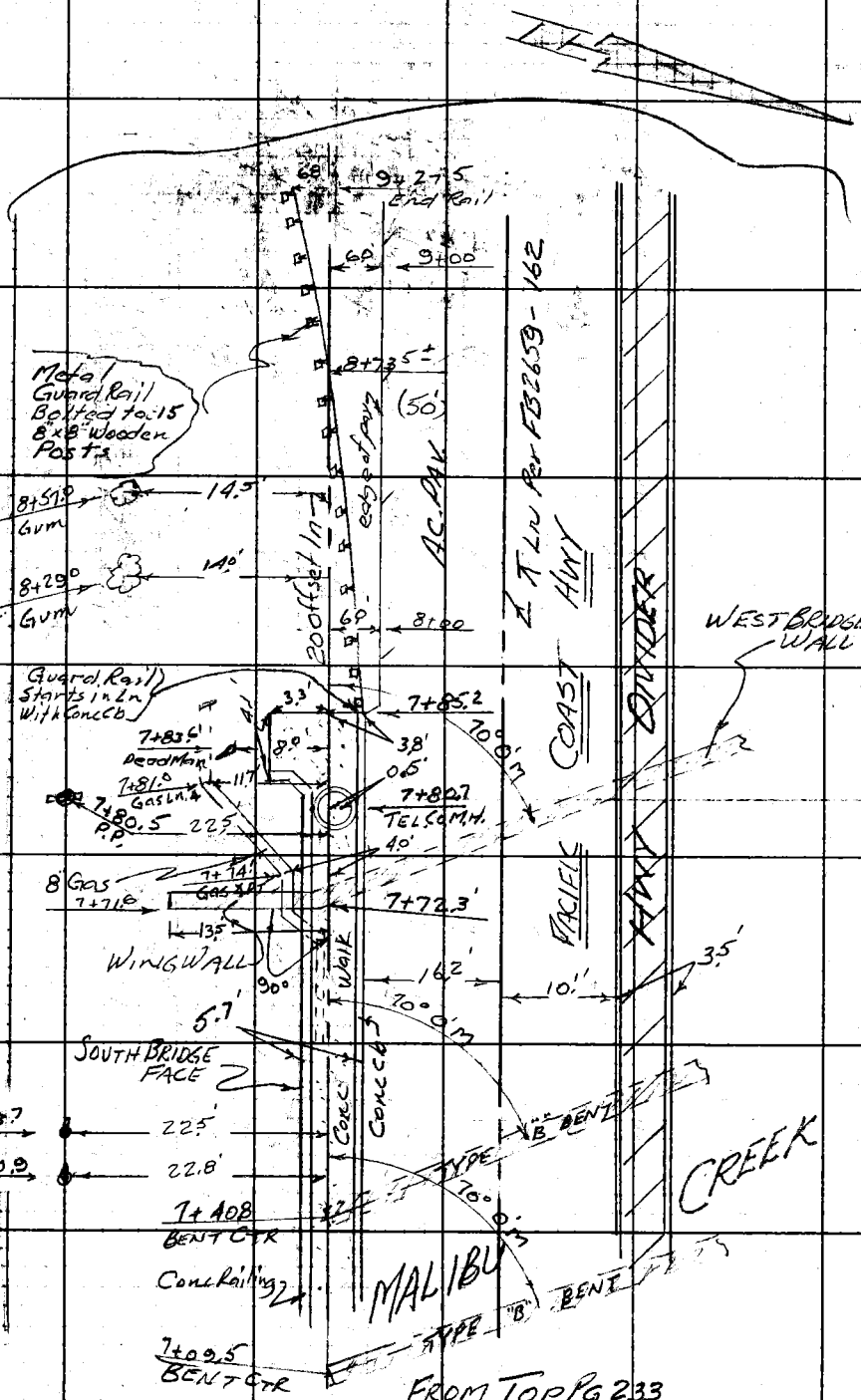
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3098 CE #247—3-57

F.B. 2659 Pg. 234



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

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

Do not extend notes this side of this line.

F. B. 2659 Pg. 295

Profile No. ____ X-Sec. No. ____ | Notes Red. ____ Date ____ | Notes Chkd. ____ Date ____ | Plotted ____ Date ____ | Checked ____ Date ____ | Job No. 529421 Division No. ____ | Survey of Wtr. Works Dist # 29 | Survey by Mankey Jr. Notes ETM Jr. Date May 5, 61 | Map No. ____ Indexed H. E. ON Date ____

JN 529421

WATER WORKS DISTRICT # 29

X-SECTIONS

AT

MALIBU CREEK BRIDGE

Mankey Jr.
McCall
Swann
Mankey

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

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

Do not extend notes this side of this line.

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

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

19.094'

STATION	B. S.	H. I.	F. S.	ELEV.	So(side) PACIFIC COAST HWY at MALIBU BRIDGE	
					LT & So	T=(20') Ln. RT & No.
BM 48-79				19.30'	BM 48-79 EL 19.303 ✓	FB 1369-68
					Pacific Coast Hwy & Malibu Creek S.E. Cor.	
	5.54'	24.84'			Lg BT. spk. in So. Cb. 11.5' W. of E. end of Bridge	
0+00			6.7'	18.1'		
"			7.4'	17.4'		30.5' Gut. (at Hwy Divider)
"			7.08'	17.76'		30.5 Cb. (" " ")
"			6.90'	17.94'	6.2' Gut.	
"			6.24'	18.60' Grate EL.	6.2' Cb.	
0+82.3			7.66'	17.18'	5.47' Grate to f.l.	25.8' (24" RCP Outlet)
INVERT on 24" Outlet			13.13'	11.71'	7.66 / 13.13	25.8' flow line
0+95±			7.40'	17.44'		Gut
"			6.78'	18.06'		Cb
1+00			6.85'	17.99'		0.5' Cb
"			7.40'	17.44'		0.5' Gut
"			7.7'	17.1'		30.5 Gut
"			7.40'	17.44'		30.5 Cb
"			6.5'	18.3 Grate EL.	12.2' (10' So. of So. face of Bridge proded East)	
1+05.4			7.28'	17.56'	6.35' Grate to F.L.	2.7' (24" RCP Inlet
INVERT on 24" Inlet			13.63'	11.21'	7.28 / 13.63	2.7'
1+07.0			7.37'	17.47'	6.26 Grate to f.l.	1.8' (24" RCP Outlet)
INVERT on 24" Outlet			13.63'	11.21'	7.37 / 13.63	1.8'

F. B. 2659 PG. 236
Survey of Wtr Works Dist #29
Survey by EJM Jr. Notes Markey Jr.
Indexed
Job No. 5294.21 Division No.
Notes Red. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	So. (side) of PACIFIC COAST HWY. at MALIBU BRIDGE	
					LT & SO	⊼ (20) Ln RT & NO.
		2484'			H.I. per PG 236	
2+00.00 (B.C. per PG 232)			6.10'	18.74'		3.7' Cb
"			6.93'	17.91'		3.7 Gut
"			7.15'	17.69'		30.5 Gut
"			6.93'	17.91'		30.5 Cb.
"			6.9	17.9'	12.0' (10' so. of so. face of Bridge Proded E.)	
—			8.3'	16.5'	19' (at 6' C.L. Fn)	
2+ 28.5	Bank & Top	Stone Wall	9.0'	15.8'	12.0'	
2+ 29.5	Stone Wall & Dirt Road		18.4'	6.4'	12.0'	
2+44.0	INVERT on 24" Outlet		21.9'	2.9'	24.3' (Direct to Flow line)	
2+52'	Dirt Road & Top Bank		18.7'	6.1'	12.0'	
2+54	Bot of Bank		22.3'	2.5'	12.0'	
2+58' ±	East edge of Slough		24.6'	0.2'	12.0' wtr. level	
2+85			25.8'	−1.0'	12.0'	
3+00			25.8'	−1.0'	12.0	
3+24			25.6'	−0.8'	12.0'	
3+30			24.7'	0.1'	12.0'	
3+36			24.9'	−0.1'	12.0'	
3 ± 60			26.0'	−1.2'	12.0'	

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 5294.2d Division No. ____ F. B. 2659 Pg. 237
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Wtr Works Dist #20 Survey by Mankey Jr. Notes ETM Jr. Date May 5, 1961
No. ____ Date ____ Date ____ Map No. ____ Indexed U. E. OTT Date ____

76L-298 S & E #307—1-56

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

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

520

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	So. (side) Pacific Coast Hwy. at Malibu Bridge
					LT & SO ⊼ (20) Ln RT & NO
		24.84'			H.I. Per PG 236
4+00	West edge Slough		24.6'	0.2	12.0' (10' So. of So. Bridge face)
4+20			22.9'	1.9'	12.0'
4+40			23.7'	1.1'	12.0'
5+00			19.8'	5.0'	12.0'
5+50			19.3'	5.5'	12.0'
6+00			19.3'	5.5'	12.0'
T.P.	4.55'	24.26'	5.13	19.71	
6+50			19.4'	4.9'	12.0'
7+00			18.9'	5.4'	12.0'
7+15			19.2'	5.1'	12.0'
7+30			17.9'	6.4	12.0'
7+35			16.7'	7.6'	12.0'
7+55			17.4'	6.9'	12.0'
7+71.6 Bank & West Wing Wall			11.9'	12.4'	12.0'
7+72.6 W. Wing Wall & Toe Slope			11.9'	12.4'	12.0'
7+81.0'			9.4'	14.9'	11.7' Top of Wrapped 8" Gas Ln.
7+85.2			5.24	19.02	3.8' Cb
"			6.3'	18.0'	3.8 Gut
"			5.22	19.04'	3.3' Cor Conc Wk

F. B. 2650 PG. 238
Job No. 5204.21 Division No. Notes Red Plotted Profile
Survey of Wtr. Works Dist #29 Date Date No. X-Sec.
Survey by ETM Jr. Notes Mankey Jr. Notes Chkd Checked
Indexed Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	SO. (side) Pacific Coast Hwy at Malibu Bridge
					LT & SO ⊼ = (20) LN RT & NO
		24.26			H.I. Per PG 238
8+00			6.4'	17.9'	⊼
"			6.2'	18.1'	6.0' edge Pav
"			6.1'	18.2'	30.1' Gut
"			5.71'	18.55'	30.1' Cb.
"			6.8'	17.5'	12.0' (Dirt)
9+00			7.4'	16.9'	⊼
"			7.2'	17.1'	6.0' edge Pav
"			6.8'	17.5'	30.1' Gut
"			6.51'	17.75'	30.1' Cb
"			7.7'	16.6'	12.0' (Dirt)
BM 48-80			5.20'	19.06'	BM 48-80 EL. 19.094' FB 1369-68 Pacific Coast Hwy & Malibu Creek Bridge Sw Cor Large Bt. Spk in S. Curb, 11' E. of W. end Bridge

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 594.21 Division No. Survey of Water Works Dist #29 Survey by Mandeville Notes Tr. Date May 5, '61 Map No. Indexed H. E. OH Date

F. B. 2659 PG. 239

F. B. 2659 Pg. 240

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 S & E #307—1-56

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

Survey of W.W. Work Dist #29
JN 5294.21 Tape Std °F
Surveyed by Monkey Jr.
Notes McCall Date 8-16-61
Indexed H. E. Ott AUG 16 '61

F. B. 2659 Pg. 24

JN 5294.21

W.W. DIST. #29

SECTION SKETCH

of

S.W. WINGWALL AT

LAS FLORES CREEK BRIDGE

Monkey Jr.
McCall
Monkey
Jones

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

Do not attend notes this side of this line.

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

76F3088 CE #247—8-57

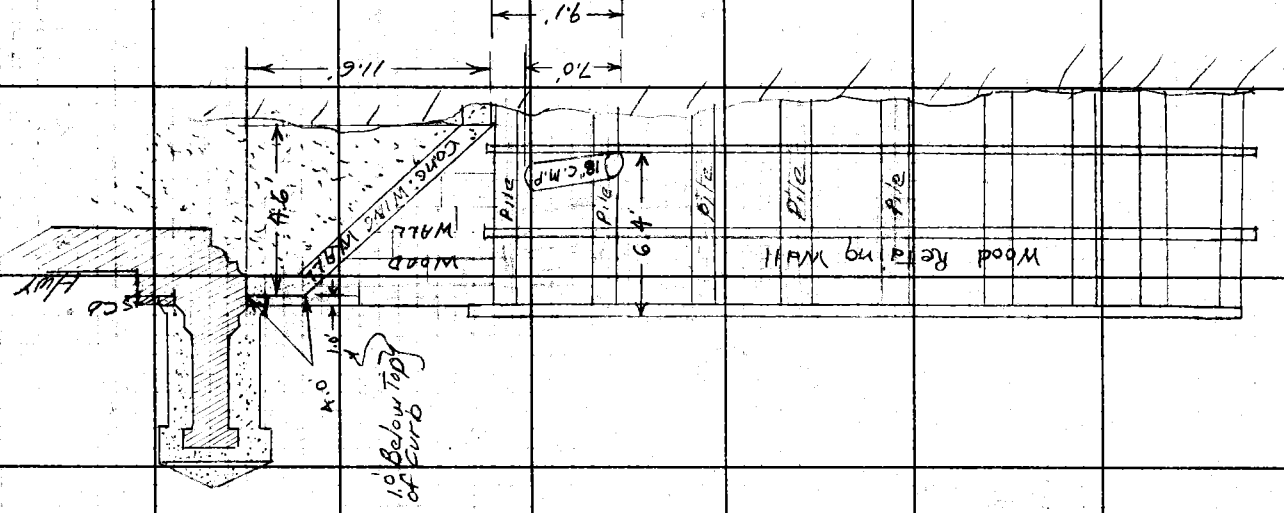
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2659 Pg 2442

SECTION (Southwest Wing)



Notes Ck'd by W. J. BRENNER	Survey of Pacific Coast Hwy
Map No. B-2868-1	JN 0303.00 Tape ____ Std ____ °F
Office Work G. D. BAILEY	Surveyed by Monkey Jr.
Checked W. J. BRENNER	Notes E.T.M. Jr. Date ____
Date [illegible] '64	Indexed [illegible] J. GAITT OCT 31 '63

F. B. 2659 PG. 243

JN 0303.00'

PACIFIC COAST HWY

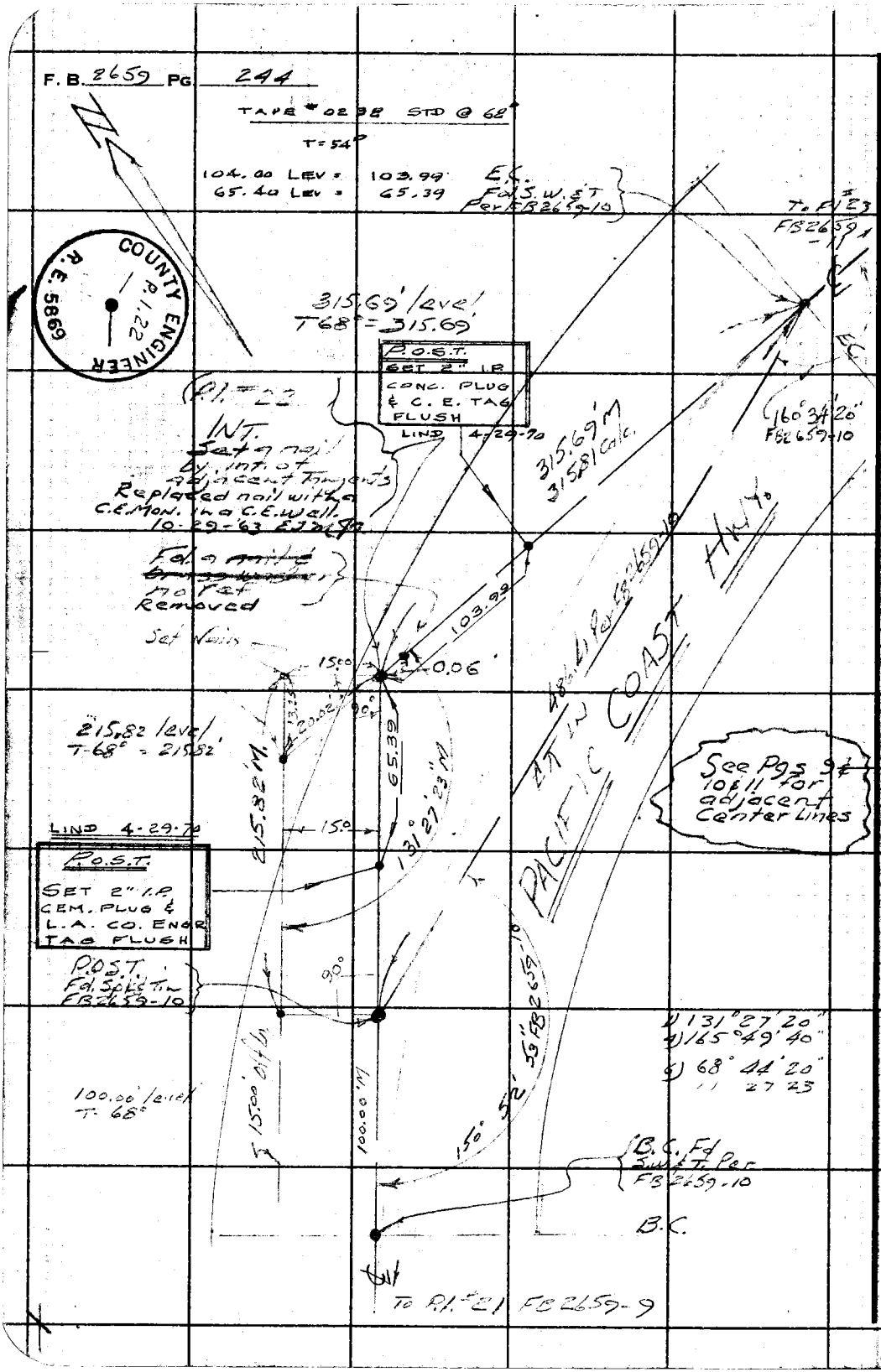
P.I. #22 F.B. 2659-10

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

Do not extend this side of this line.

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

76F3095 CE # 310 3-61



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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of Pacific Coast Hwy
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 10/30/74
Date	Indexed G. D. BAILEY SEP 20 1974

F. B. 2659 PG. 245

JN 0303.00

PACIFIC COAST HWY.

TIES ON

Found 3pKs near

The E.C. West of P.I. 52

Ptr C.S.B. 2868-3

and F.B. 2659-155

Brooks
Smith
Greason
Krohn.

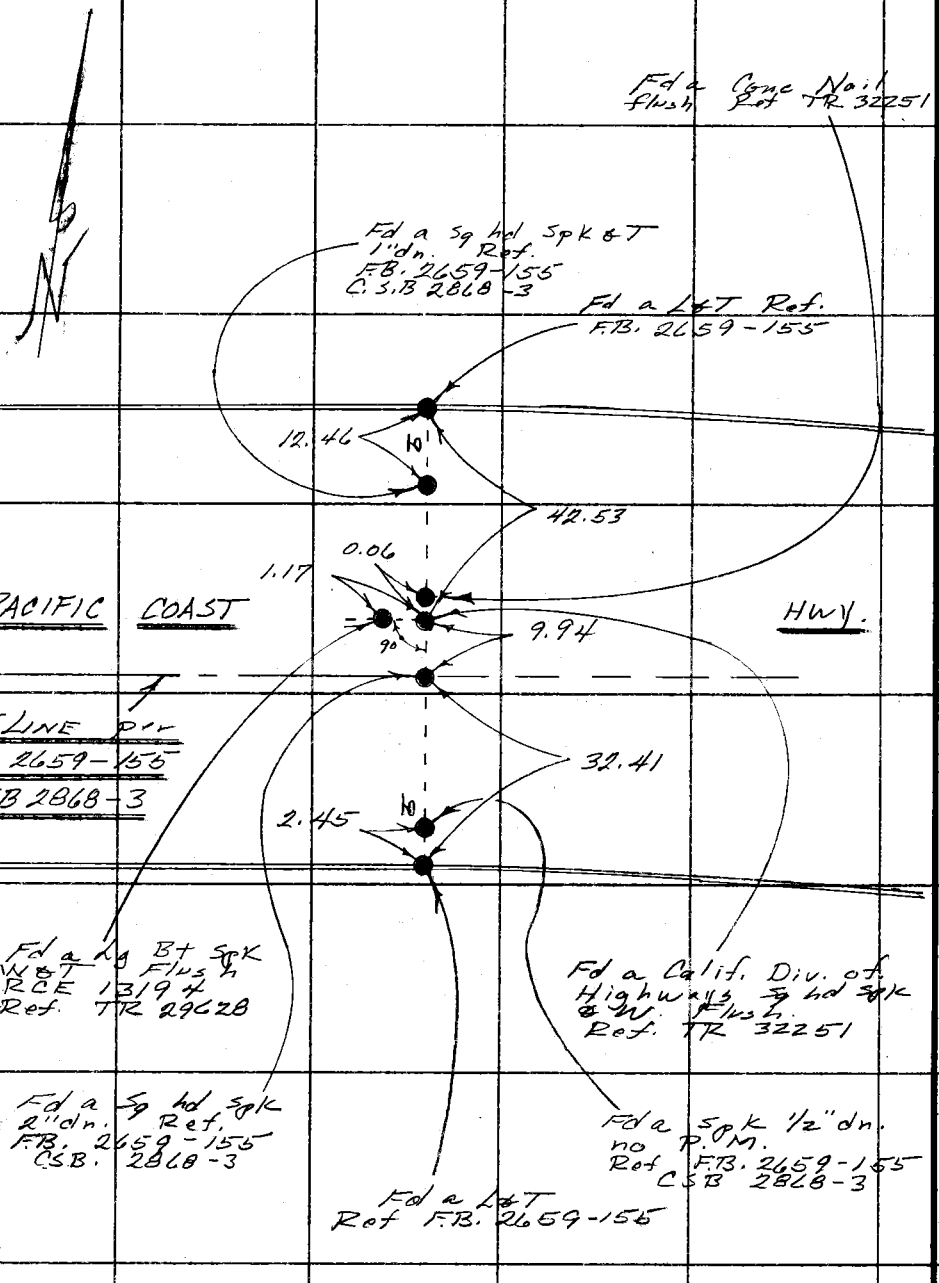
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

16F309S CE#310 3-69

F. B. 2659 PG 246



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

Do not extend this side of this line.

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