Notes Ck'd by	Survey of	F.B. 2922 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
		CADASTRAL TIES TO SAN PEDRO HILLS TRIANGULATION STATIONS 0202.00
5-[illegible]		Index.
9-[illegible]0		Cad. tie to San Pedro Hills I-6 Ecc. #1 & Ecc. #2.
11-[illegible]		Cad. tie to San Pedro Hills F-6 (USC &GS Verde).
13-14		Cad. tie to San Pedro Hills C-6.
15-18		Cad. tie to Portuguese Bend Slide check Sta. K-6.
19-2[illegible]		Loc. & descript. of triangulation stas., San Pedro Hills, I-6, Eccs. #3, #4 & #5.
21-2[illegible]		Cad. tie to Portuguese Bend Slide check Sta. Q-1.
25-30		Cad. tie to San Pedro Hills F-6, Ecc. #1.
31-34		Cad. tie to San Pedro Hills C-6.
35-48		Cad. tie to San Pedro Hills L-7, Ecc. #2 & San Pedro Hills M-9.
49-54		Cad. tie to San Pedro Hills G-4, Aux. 1.
55-56		Cad. tie to Torrance K-9 & Torrance J-9.
57-64		Cad. tie & geodetic control to the C.L. of Palos Verde Drive East from Crest Rd. to the N'ly Bdry of R.S. 64-8/11. (cont'd on next page)

Microfilmed May 85

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

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403 Los Angeles County Engineering Bldg.

7BP3093 CE #310 5-66

F.B. 2922 Pg.

Page	Job	Description
77-81		Cad. tie San Pedro Hills F-6, G-6 C-6, I-6 to Hawthorne Blvd. at Crest Road.
83-84		Loc. descrip. San Pedro Hills E-6A.
85-86		Loc. descrip. San Pedro Hills E-6B.
87-88		Loc. descrip. San Pedro Hills E-6.
89-90		Loc. descrip. San Pedro Hills E-5.
91-92		Loc. descrip. San Pedro Hills F-5.
93-94		Loc. descrip. San Pedro Hills F-6A.
95-96		Loc. descrip. San Pedro Hills F-6B.
97-98		Loc. descrip. San Pedro Hills F-5A.
99-100		Loc. descrip. San Pedro Hills G-5A.
101-102		Loc. descrip. San Pedro Hills G-5B.
103-105		Loc. descrip. San Pedro Hills H-5.
107-108		Loc. descrip. San Pedro Hills H-5A.
109-110		Loc. descrip. San Pedro Hills I-5.
111-112	Loc.Des	Loc. Des. San Pedro Hills I-5A.
113-116	C.L.	Retracement of Ø to Crest Rd. E. of Crenshaw Blvd.
117-120		Recovery of S.P.H. F-6.
121-		S.P.H. I-6 Ecc. #4.
123-162	Loc.Desc Cad. Ties.	Loc. & desc. of Photo Control Points & Cadastral Ties.

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Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F.B. 2922 PG.

Page	Job	Description
163-164	B.M.	Differential Tie B.M. - F.F.-91. (Miraleste Area)
165		SAN PEDRO HILLS H-7A, ECC.5
165-169		Sta. Desc. - San Pedro Hills H-7A Ecc. 5 & H-8A & Sweetbay 2A Ecc2
		CADASTRAL TIES J.N. 0202.00
171-182	Ties	Cadastral Ties - La Mirada Area
183-189	Ties	Cadastral Ties - Azusa Area
190-194	Ties	Cadastral Ties - La Canada Area
195-202		Invest. @ Point Geod. Control station San Pedro Hills
		L.A. COUNTY SURVEY CONTROL SYSTEM
203-211		Stability check of Triangulation Stations S.P.H. D-6, S.P.H. F-6C and S.P. H. C-7A in the Point Vicente Area.

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76F309B CE#310 8-65

Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES
Map No.	J.N. 0202.00 Tape Std. oF
Office Work	Surveyed by: BAY
Checked	Notes Date 8-61
Date	Indexed M. E. Orr NOV 1 6 '61

F. B. 2922 PG. 5

CADASTRAL TIES TO

SAN PEDRO HILLS TRIANGULATION STATIONS

J.N. 0202.00

AUG. 1961

BAY
BAZEN
SMITH R.D.
GOODWIN
MATHER
MCKNIGHT

OCT. 1961

GUIZADO
SMITH R.D.
BAZEN
GLIDDEN
MCKNIGHT

NOV 1961

DREIER
MOODY
VALDEZ
SMITH, N.
LYBRAND

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763095 CE #247—7-59

F. B. 2922 PG. 6

INDEX

STATION		PAGE
SAN PEDRO HILLS	I-6 ECC #1 & ECC #2	9
SAN PEDRO HILLS	F-6 (U.S.C.&G.S.) VERDE	11
" " "	C-6	13
PORTUGUESE BEND LANDSLIDE CHECK	STATION K-6	15
SAN PEDRO HILLS	I-6 ECCENTRIC STATIONS #3 TO #5	19
PORTUGUESE BEND LANDSLIDE CHECK	STATION Q'-1	21
SAN PEDRO HILLS	F-6 ECC #1	25
" " "	C-6	31
" " "	M-9 & L-7 ECC #2	35
SAN PEDRO HILLS	G-4 AUX #1	49

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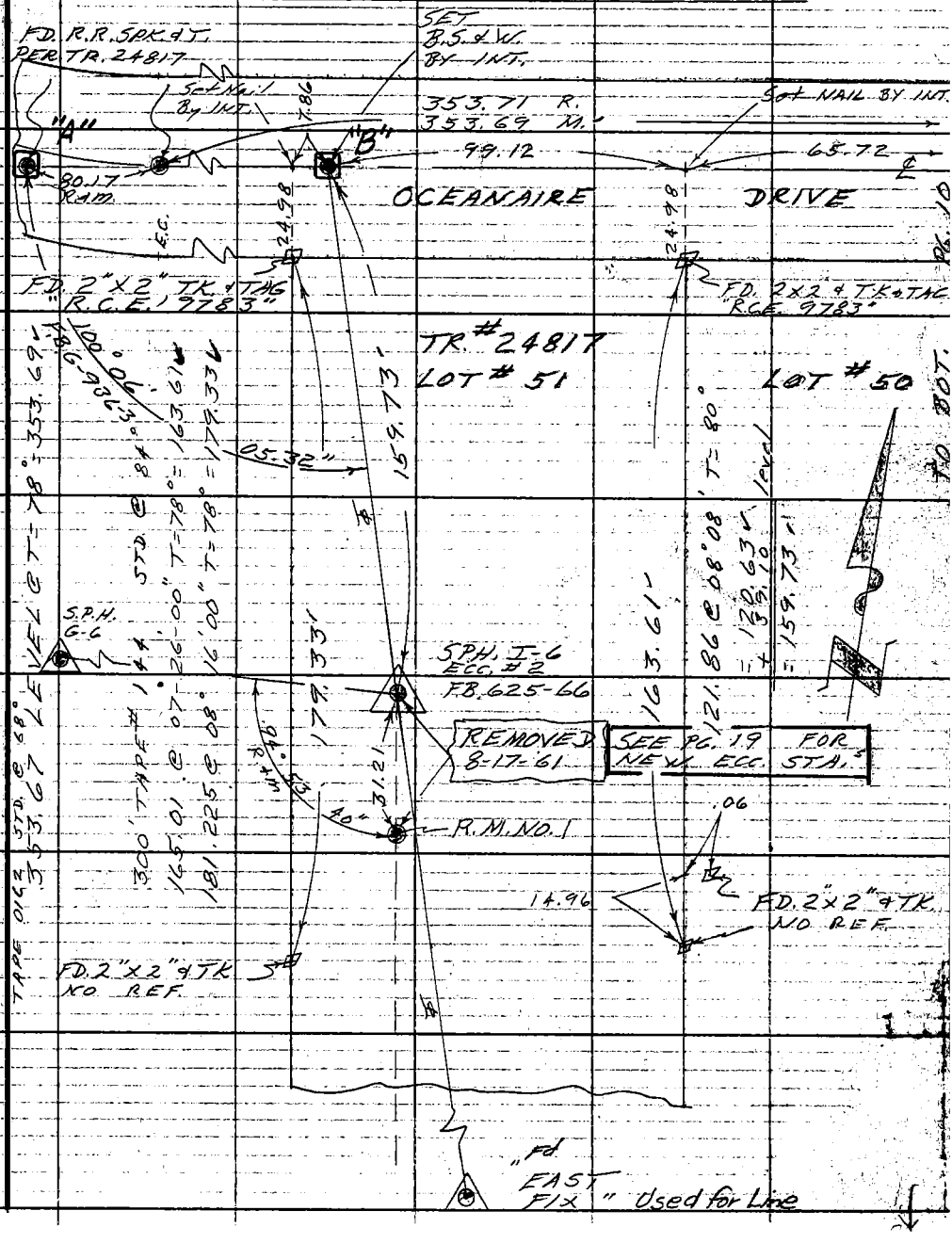
Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES	F.B. 2922 Pg. 9
Map No.	JN 0202.00 Tape 144 Std 84 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes BAY Date 8-15-61	
Date	Indexed H. E. Oh NOV 17 '61	

CADASTRAL TIE TO SAN PEDRO HILLS
I-6 ECC. #1 & ECC. #2



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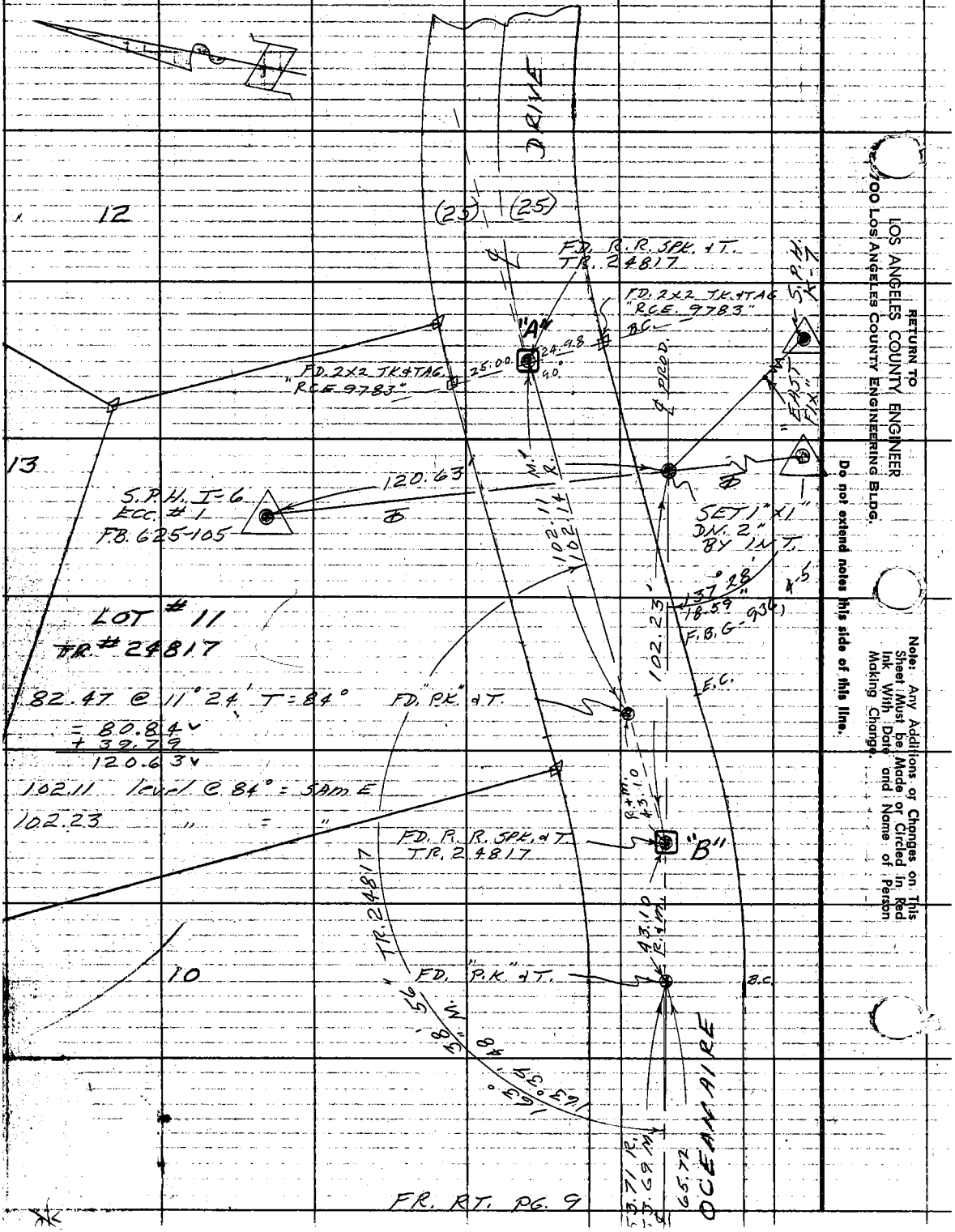
76F309S CE #247—3-57

F.B. 2922 Pg. 10



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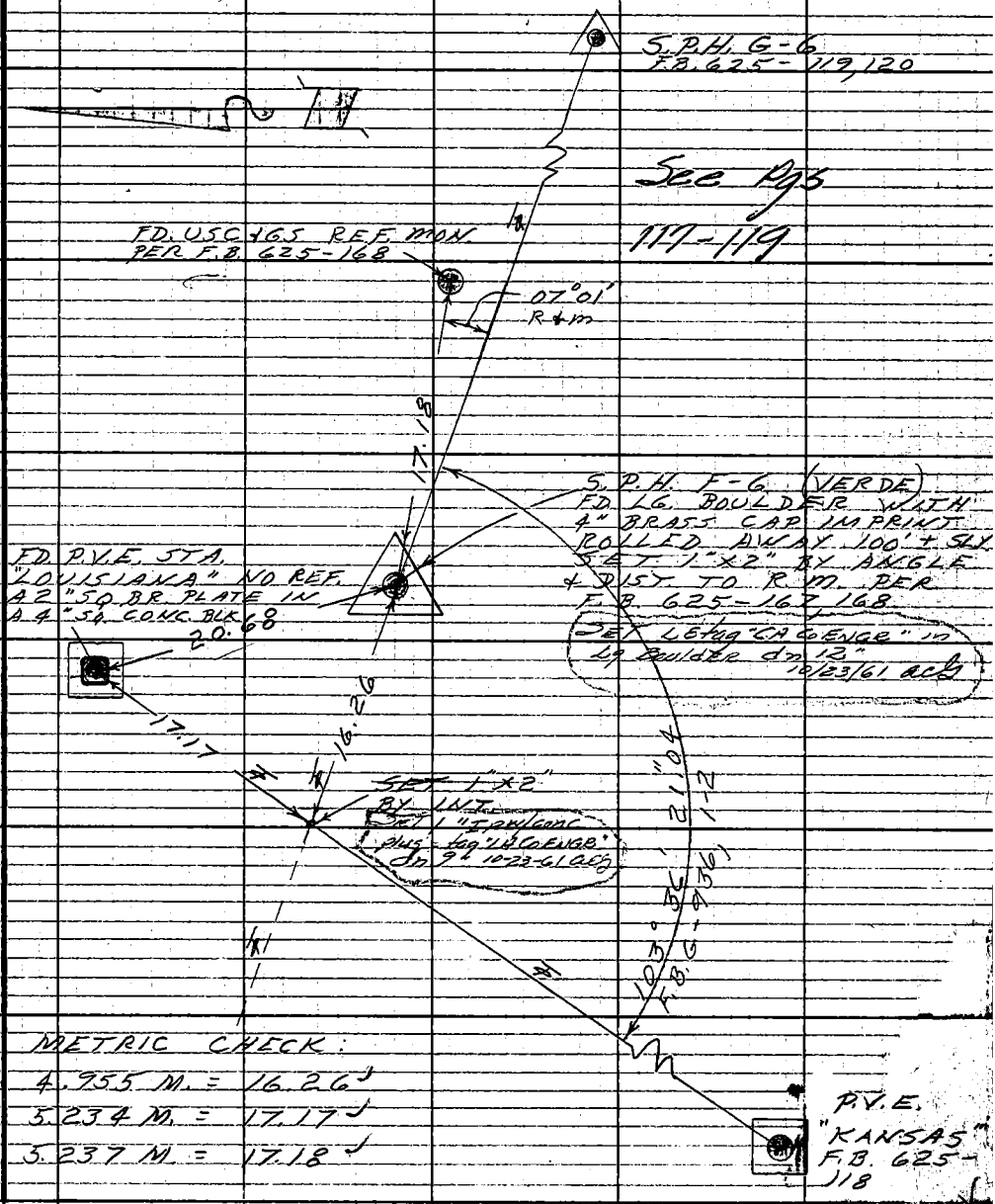
Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES	F.B. 2922 PG. 11
Map No.	JN 0202.00 Tape 0162 Std 68 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes BAY Date 6-21-61	
Date	Indexed B. E. OTT NOV 17 '61	

SAN PEDRO HILLS F-6 (U.S.C.&G.S. VERDE)

TIE TO

PALOS VERDES ESTATES STATION "LOUISIANA"



METRIC CHECK:

4.955 M. = 16.26 ✓

5.234 M. = 17.17 ✓

5.237 M. = 17.18 ✓

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76F3095 CE #247—3-57

Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES	F.B. 2922 Pg. 13
Map No.	JN 020200 Tape 0162 Std. 68 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes BAY Date 7-13-61	
Date	Indexed H. E. OH NOV 1 7 '61	

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Sketch on Geo. Desc. Card

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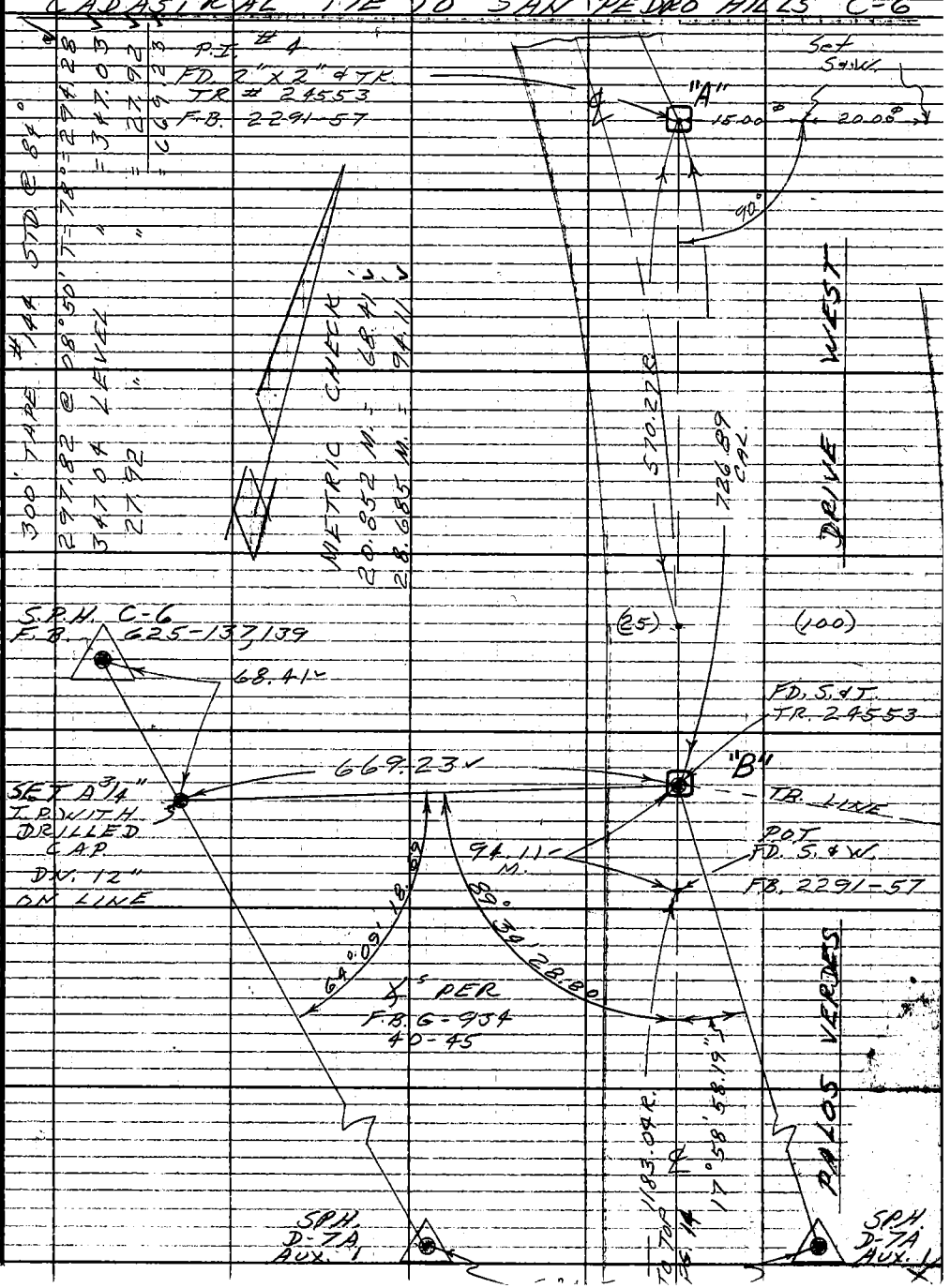
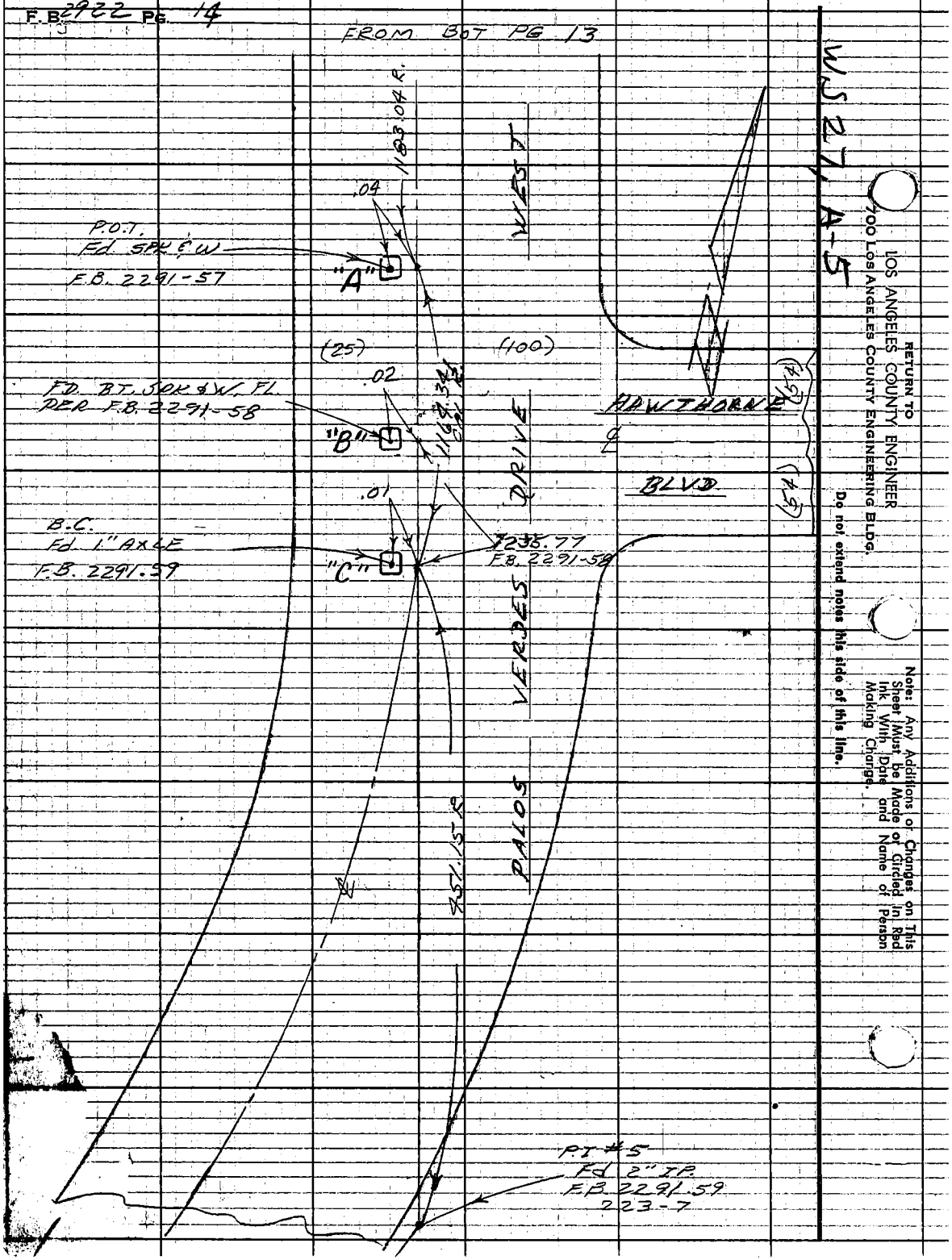
76F309S CE #247—3-57

CADASTRAL TIE TO SAN PEDRO HILLS C-6



F.B. 2922 Pg. 14

FROM BOT PG 13



Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES	F.B. 2922 PG. 15
Map No.	JN 0202.00 Tape 0162 Std 68 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes BAY Date 6-30-61	
Date	Indexed	B. E. OH NOV 1 7 '61

Noted on Index Card
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Placed on Bur. Div. W. & Ins.
Sketch on Exc. Desc. Card

W.S. 27,105

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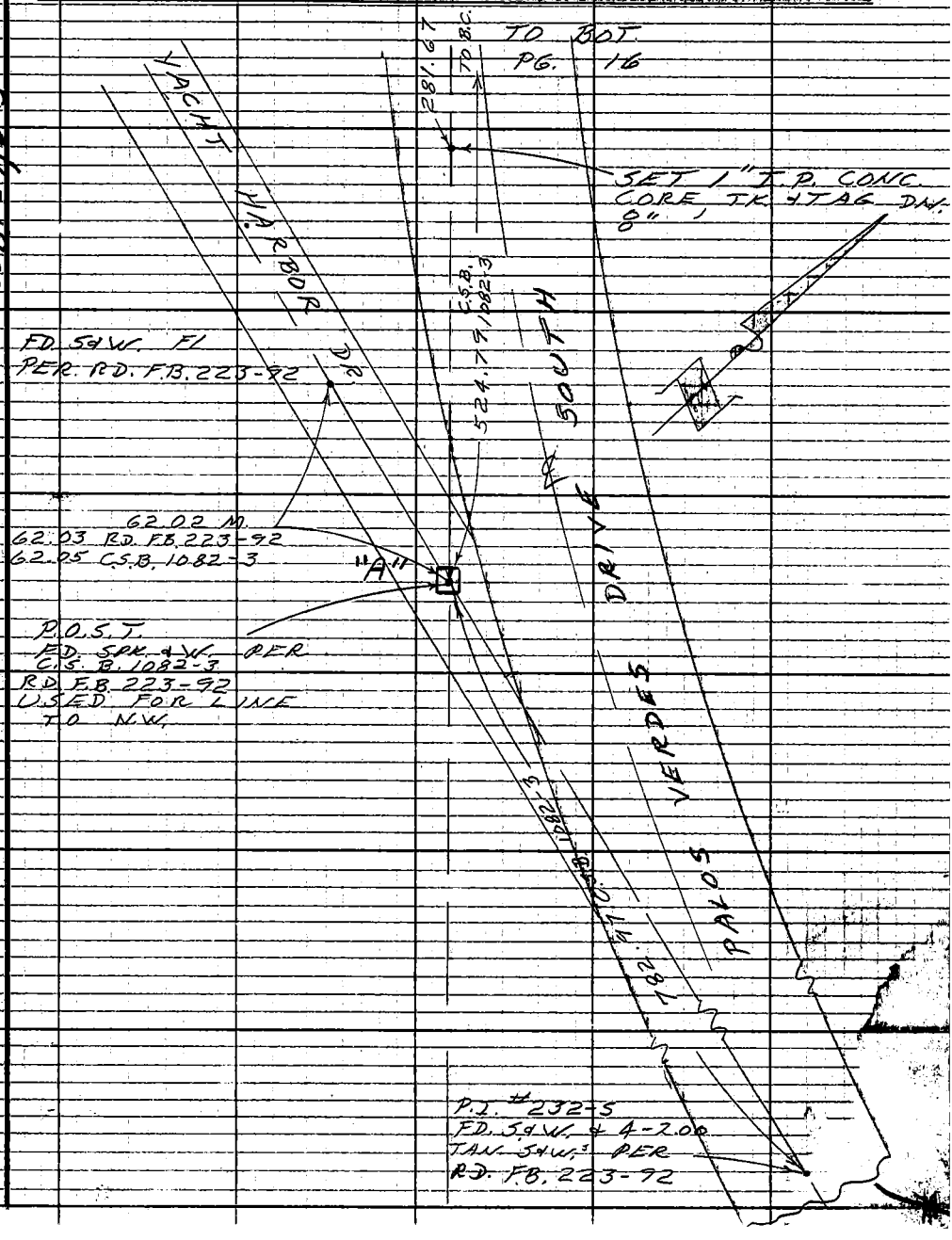
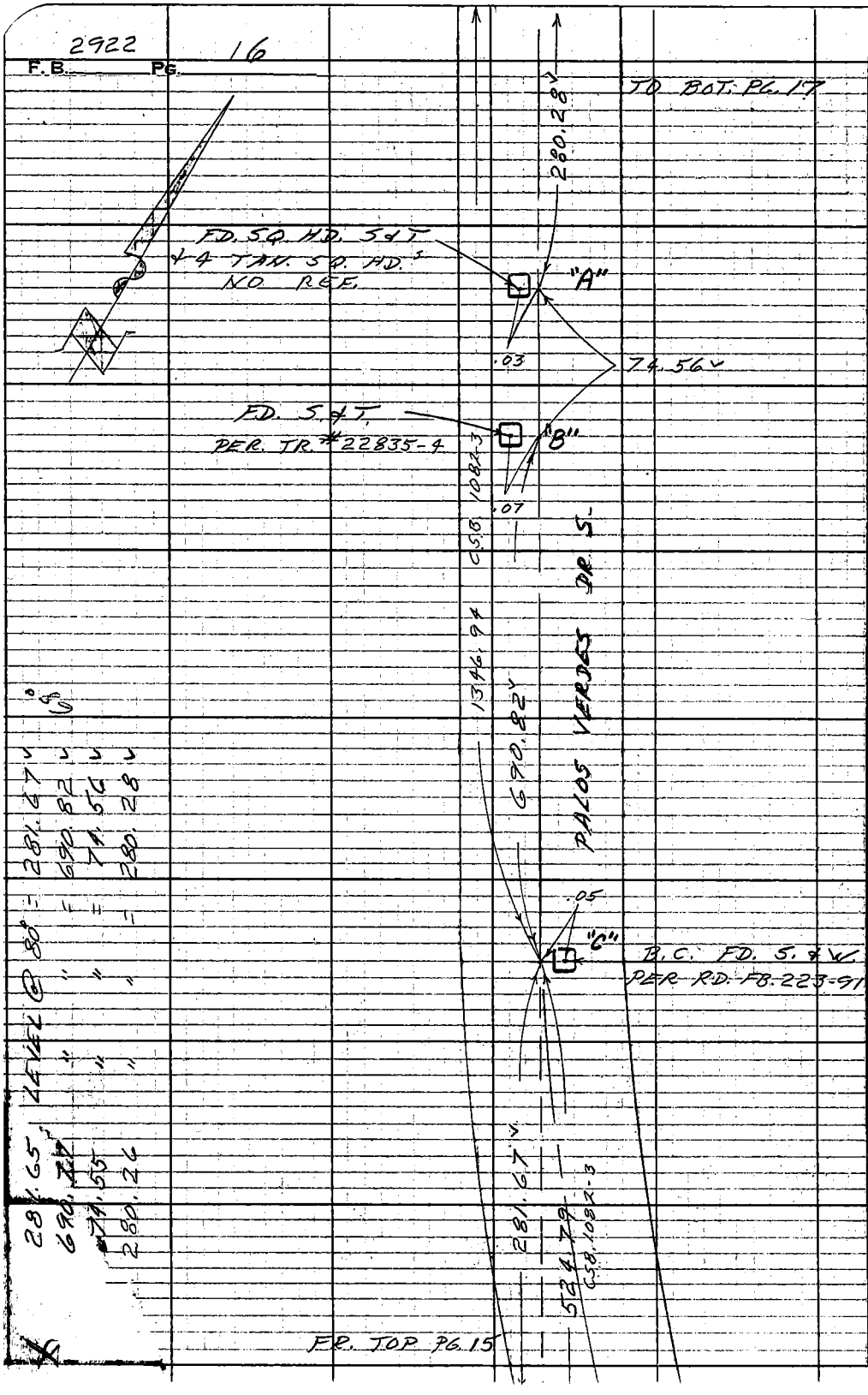
76F3095 CE #247—3-57

CADASTRAL TIE TO PORTUGUESE BEND SLIDE CHECK STATION K-6



2922 16

F.B. PG.



281.65 LEVEL @ 80° = 281.67
690.77 " " = 690.82
74.55 " " = 74.56
280.26 " " = 280.28

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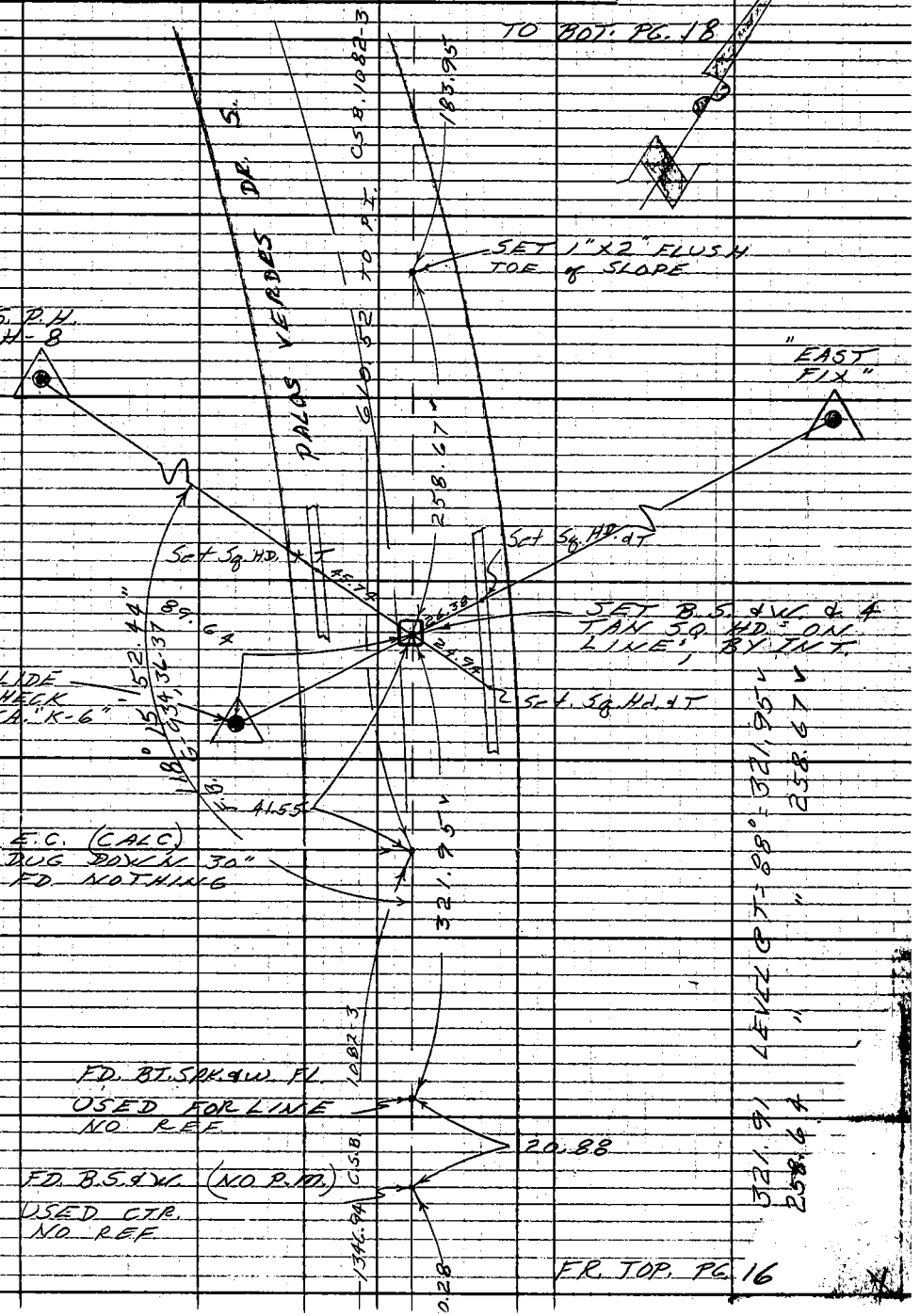
Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 0162 Std GB °F
Office Work	Surveyed by W. C. D. BAY
Checked	Notes BAY Date 6-30-61
Date	Indexed H. E. OD

F.B. 2922 PG. 17

TO BOT. PG. 18



F.R. TOP. PG. 16

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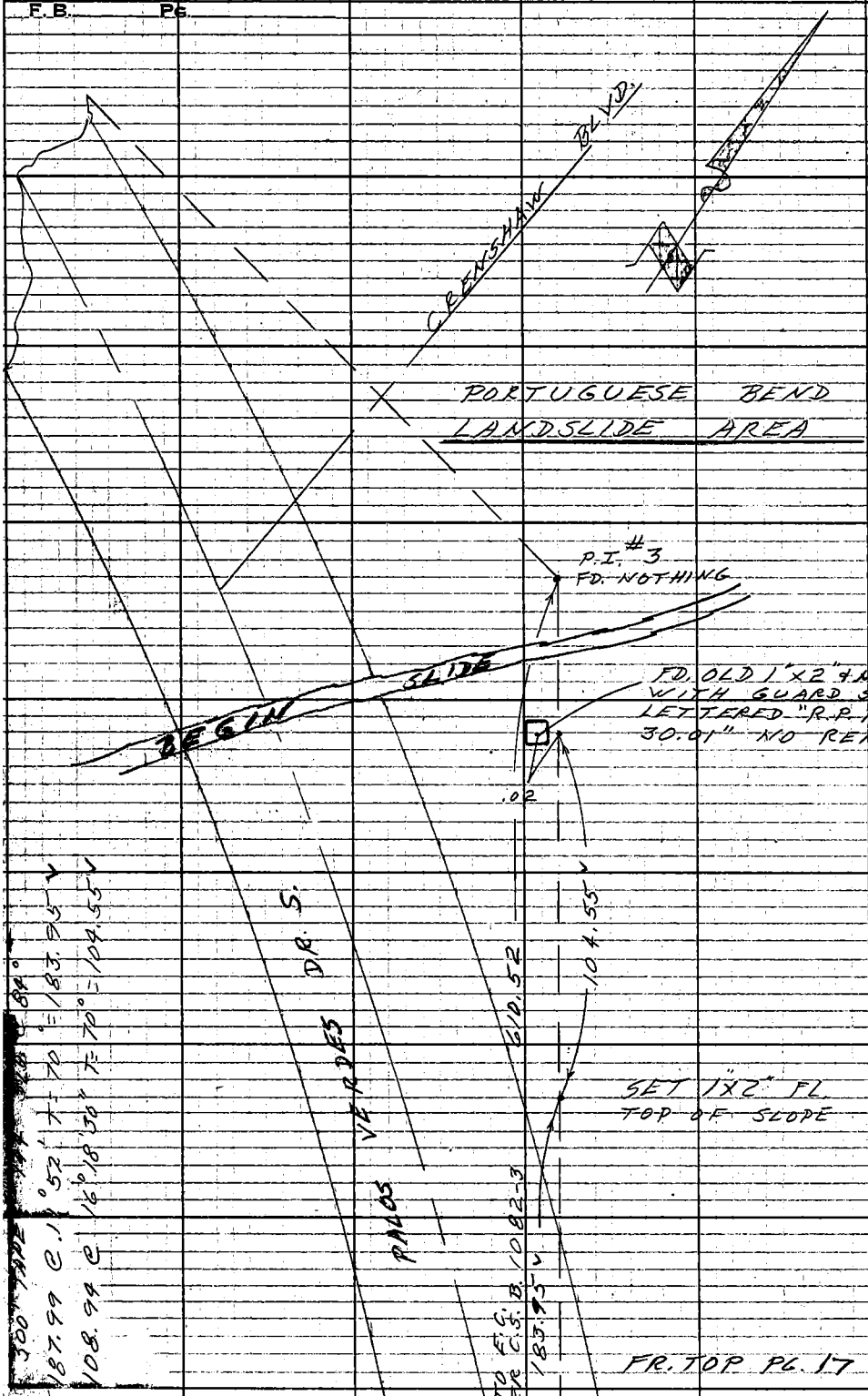
76F3095 CE #247—3-57

2922 F.B. 18 Pg.



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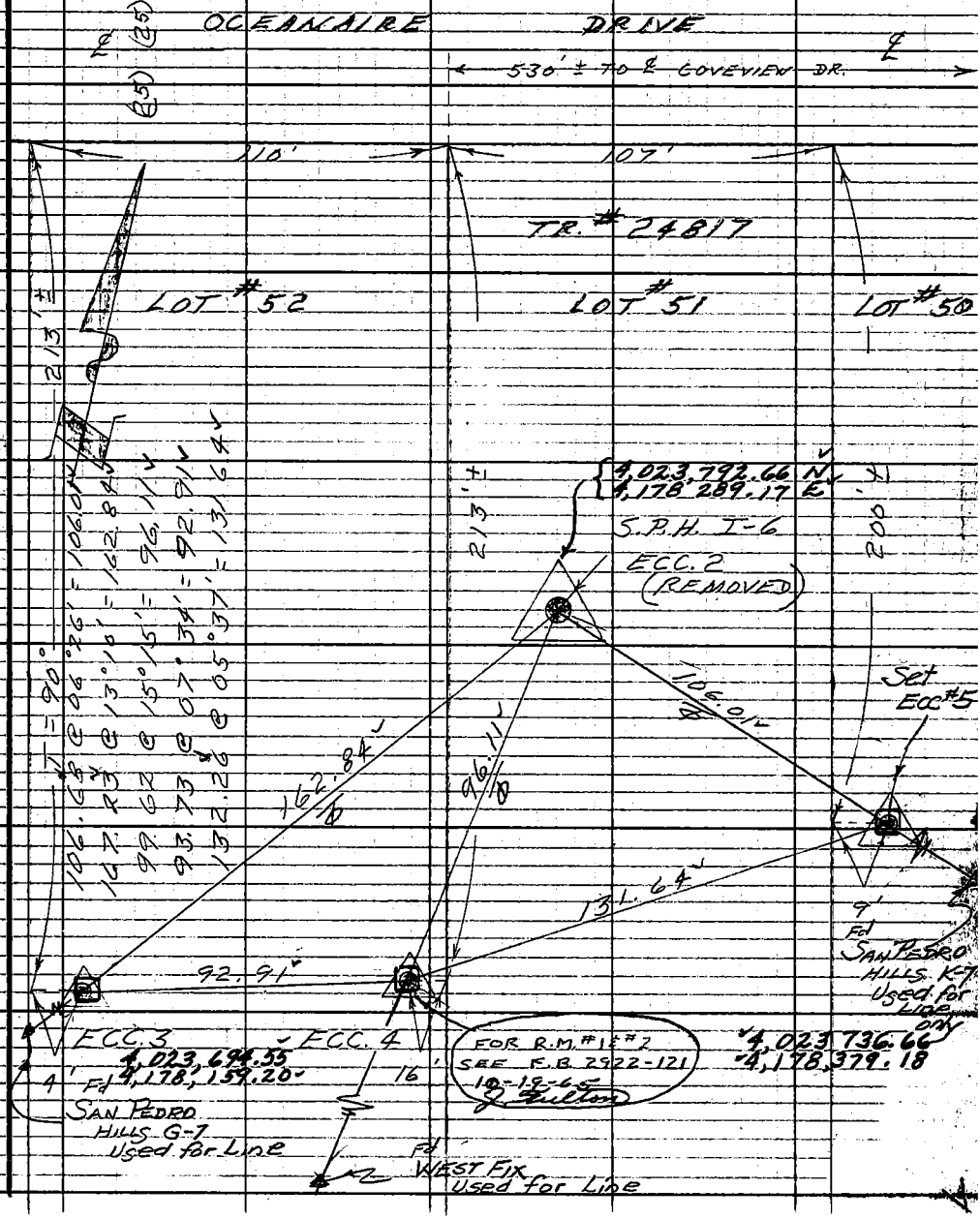
Notes Ck'd by MILLER	Survey of GEODETIC CONTROL
Map No.	JN 2301.00 Tape 144 Std. 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes BAY Date 8-17-61
Date	Indexed H. E. OTT NOV 1 7 61

F.B. 2922 PG. 19

L.A. CO. SURVEY CONTROL SYSTEM
TRIANGULATION STATIONS
SAN PEDRO HILLS I-6, ECC.s 3, 4, & 5.



Noted on Geo. Index Card
Placed on S.G.S. Quad. Shts.
Placed on Div. W.S. No.
Sketch on Geo. Desc. Card

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76F3095 CE #247—3-57

2922 20

F.B. Pg.

~ DESCRIPTIONS ~

SAN PEDRO HILLS I-6

ECC. 3, 4 & 5.

THESE STATIONS ARE IN LOS ANGELES COUNTY, SAN PEDRO HILLS AREA, ON THE SOUTH SLOPE OF A LARGE HILL, 3000'± S.ELY FROM THE INTERSECTION OF CREST ROAD AND CRENSHAW BLVD., 500'± WEST OF COMEVIEW DRIVE AND 200'± SOUTH OF OCEANAIRE DRIVE.

STATION MARKS: SET STD. 2" BRASS CAP, PRE-CAST CONCRETE, COUNTY ENGINEER MONUMENTS, FLUSH AND STAMPED "S.P.H. I-6 ECC. 3, 4, 5, (RESPECTIVELY) 1961, R.E. 5869".

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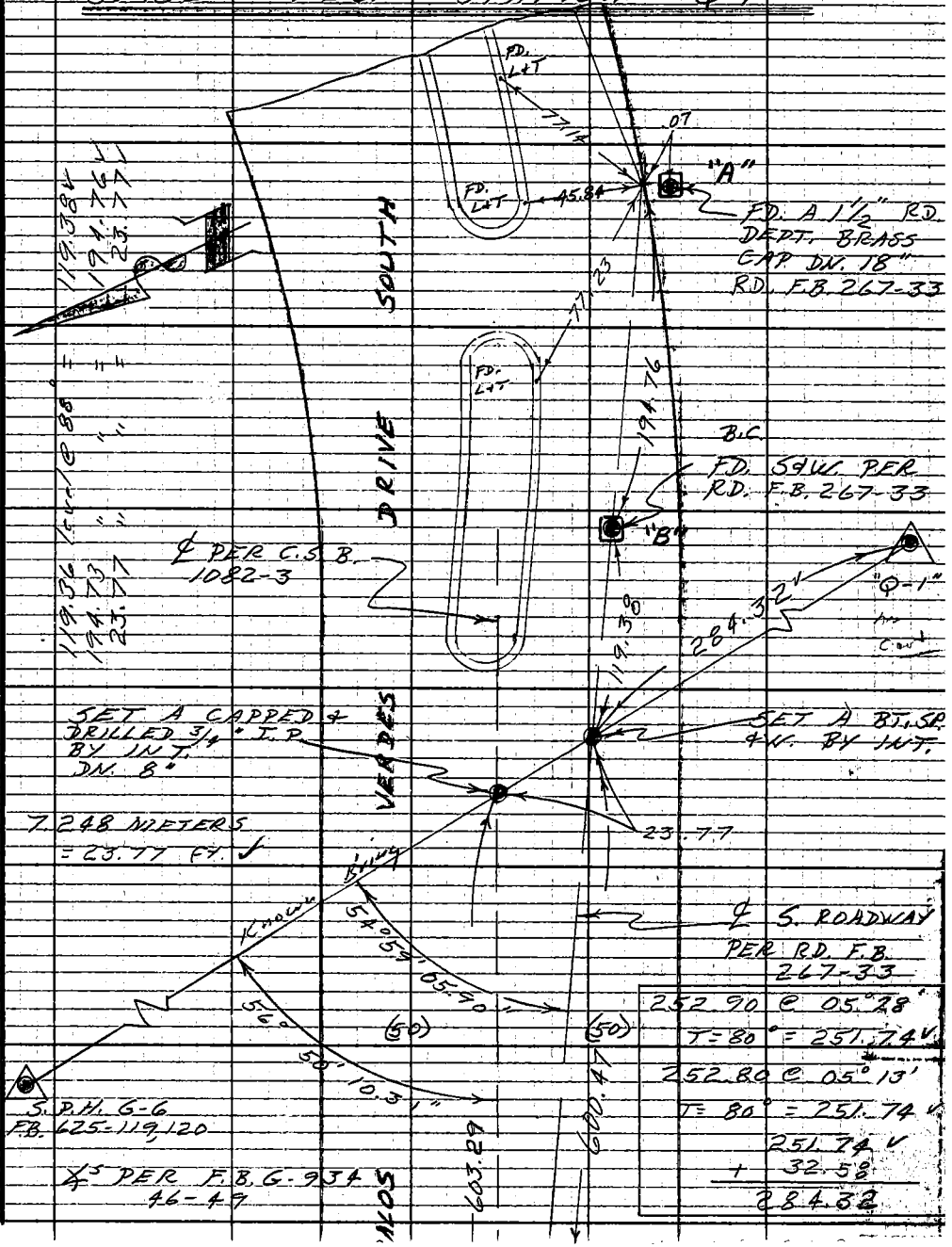
Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES
Map No.	JN 0202.09 Tape 2192 Std. 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes BAY Date 7-24-61
Date	Indexed H. E. OTT NOV 1 7 '61

F.B. 2922 PG. 21

CADASTRAL TIE TO PORTUGUESE BEND SIDE CHECK STATION "Q-1"



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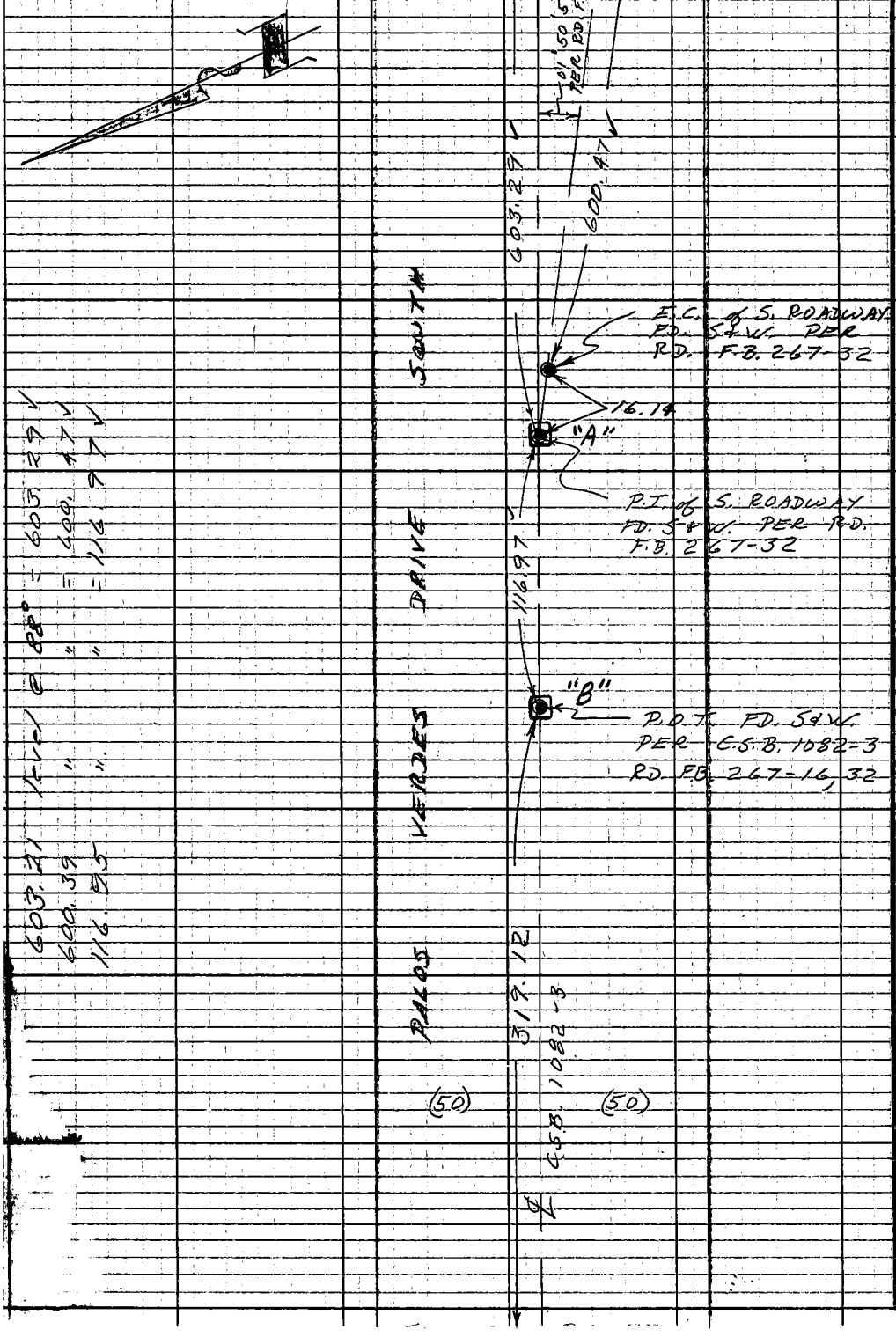
76F3095 CE #247—3-57

2922 22 FR. BOT.

F.B. PG. PG. 21



603.21 level @ 88° = 603.29
600.39 " " = 600.47
116.95 " " = 116.97

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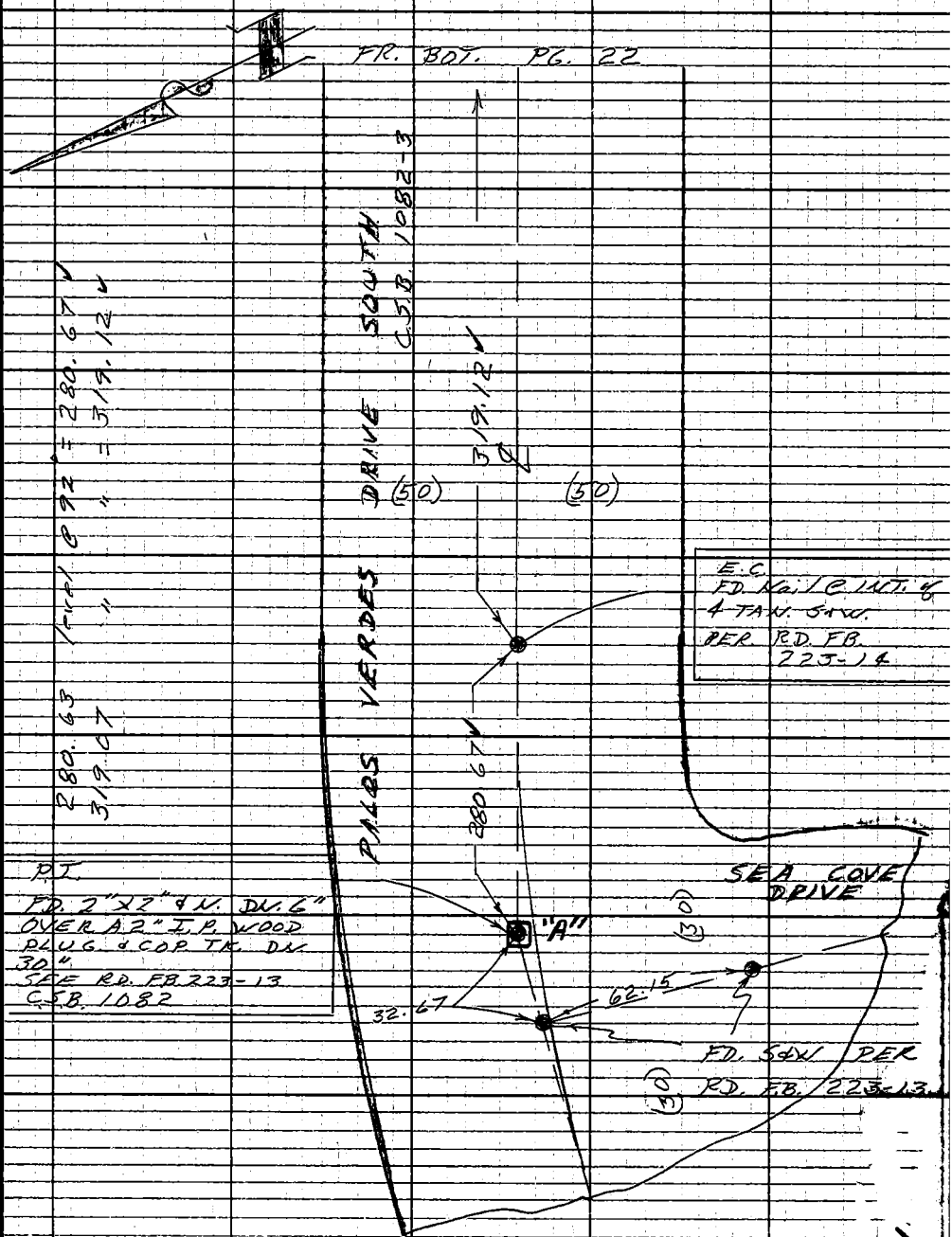
Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 0162 Std. 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes BAY Date 7-24-'61
Date	Indexed H. E. OTT

F.B. 2922 PG. 23



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76F309S CE #247—3-57

Notes Ck'd by J. C. MILLER	Survey of HAWTHORNE BLVD
Map No.	JN 0202.00 Tape Std oF
Office Work	Surveyed by A C GUIZADO
Checked	Notes ACG Date 11-4-61
Date	Indexed NOV 1 7 61 H. E. OD NOV 1 7 61

F. B. 2922 Pg. 25

CADASTRAL TIE TO TRIANGULATION STATION "VERDE"

SAN PEDRO HILLS F-6 Ecc #1

TO

℄ INTERSECTION OF HAWTHORNE BLVD & RHONE DRIVE

JOB NO. 0202.00

GUIZADO A.C.
BAZEN J.
SMITH R.
GLIDDEN R.D.
McKNIGHT T.
SMITH N.

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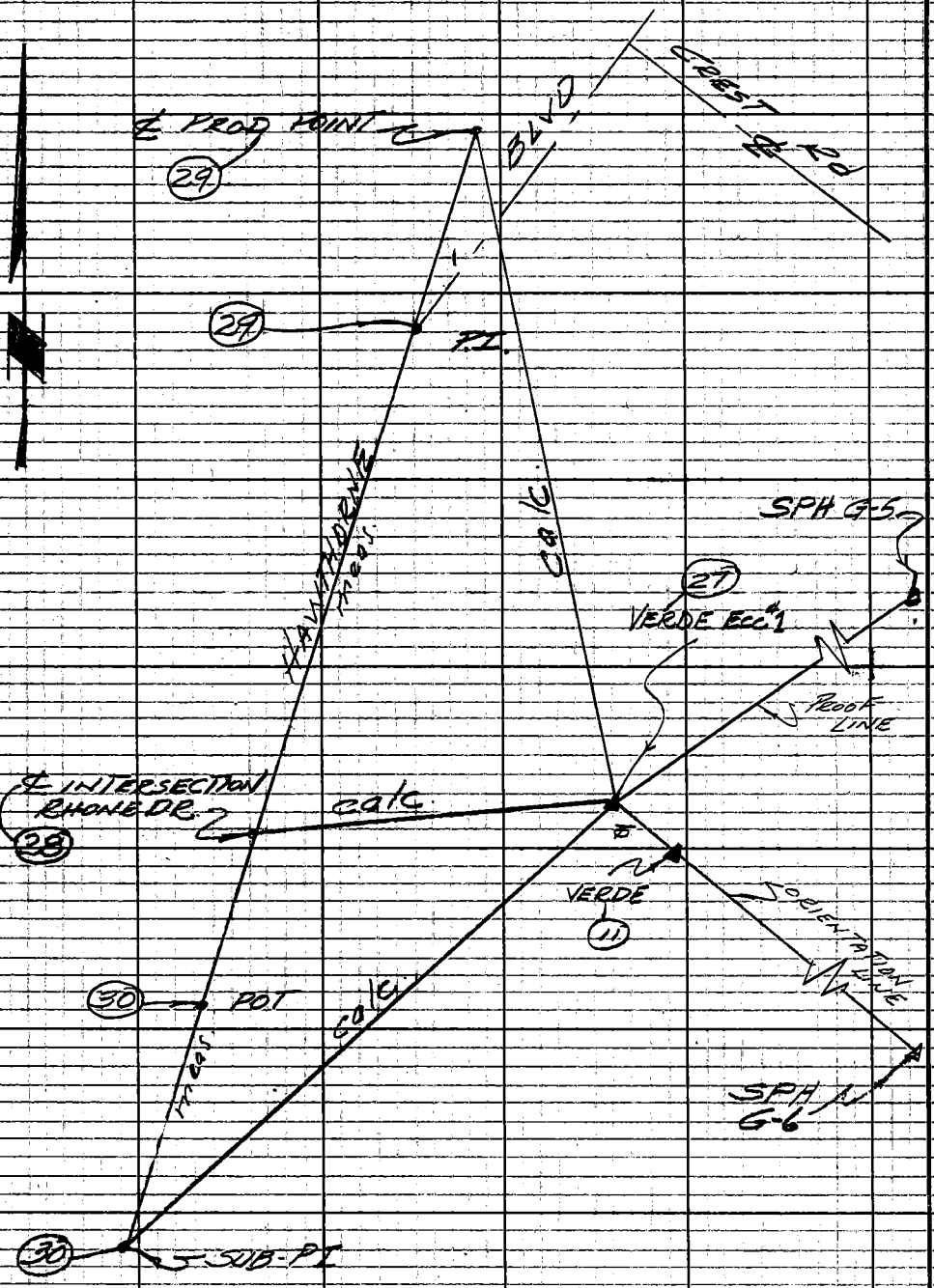
763095 CE #247—7-58

F.B. 2722 Pg. 26

INDEX & METHOD SKETCH



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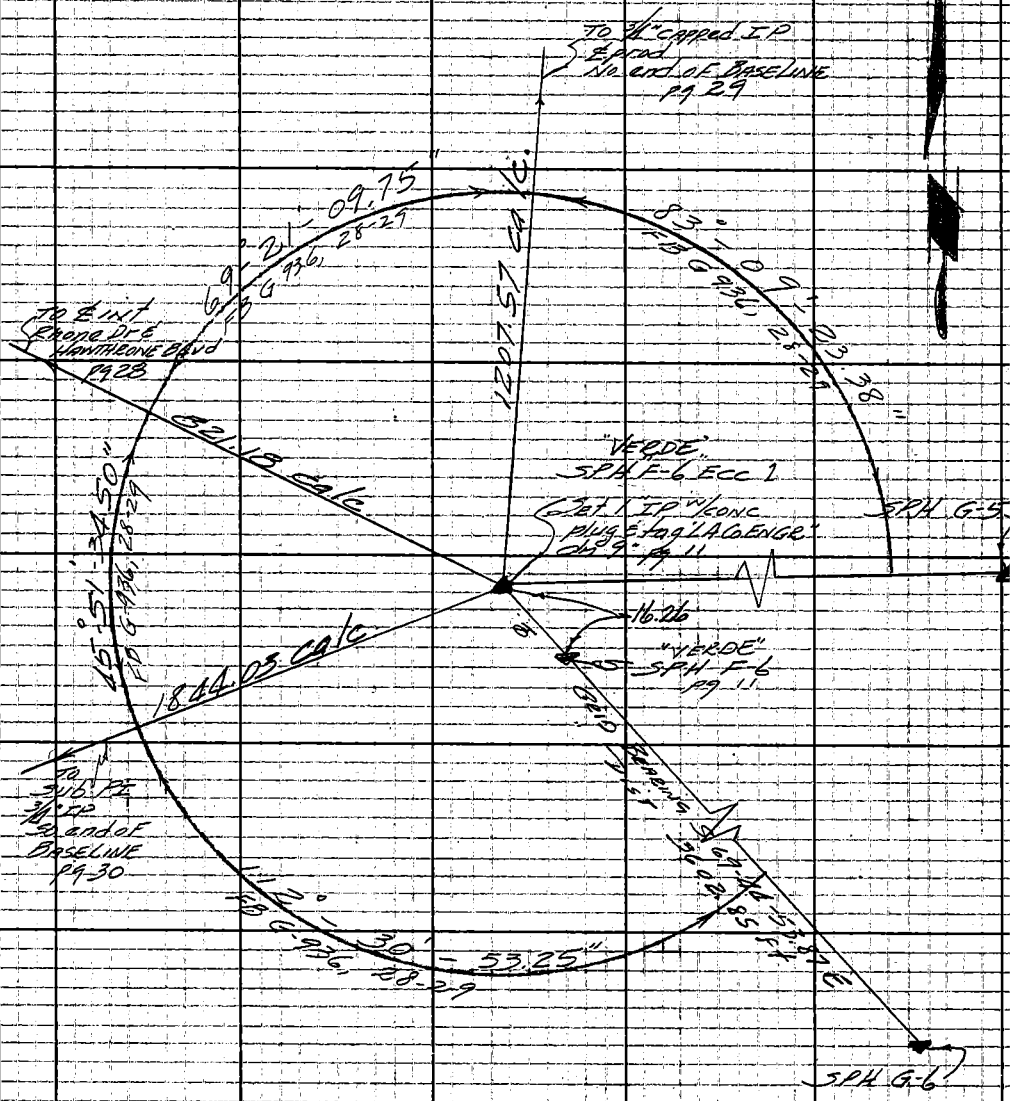
Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIES	F. B. ~~2292~~ 2922 PG. 27
Map No.	JN 020200 Tape 0144 Std 84 °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 10/25/61	
Date	Indexed H. E. OD	



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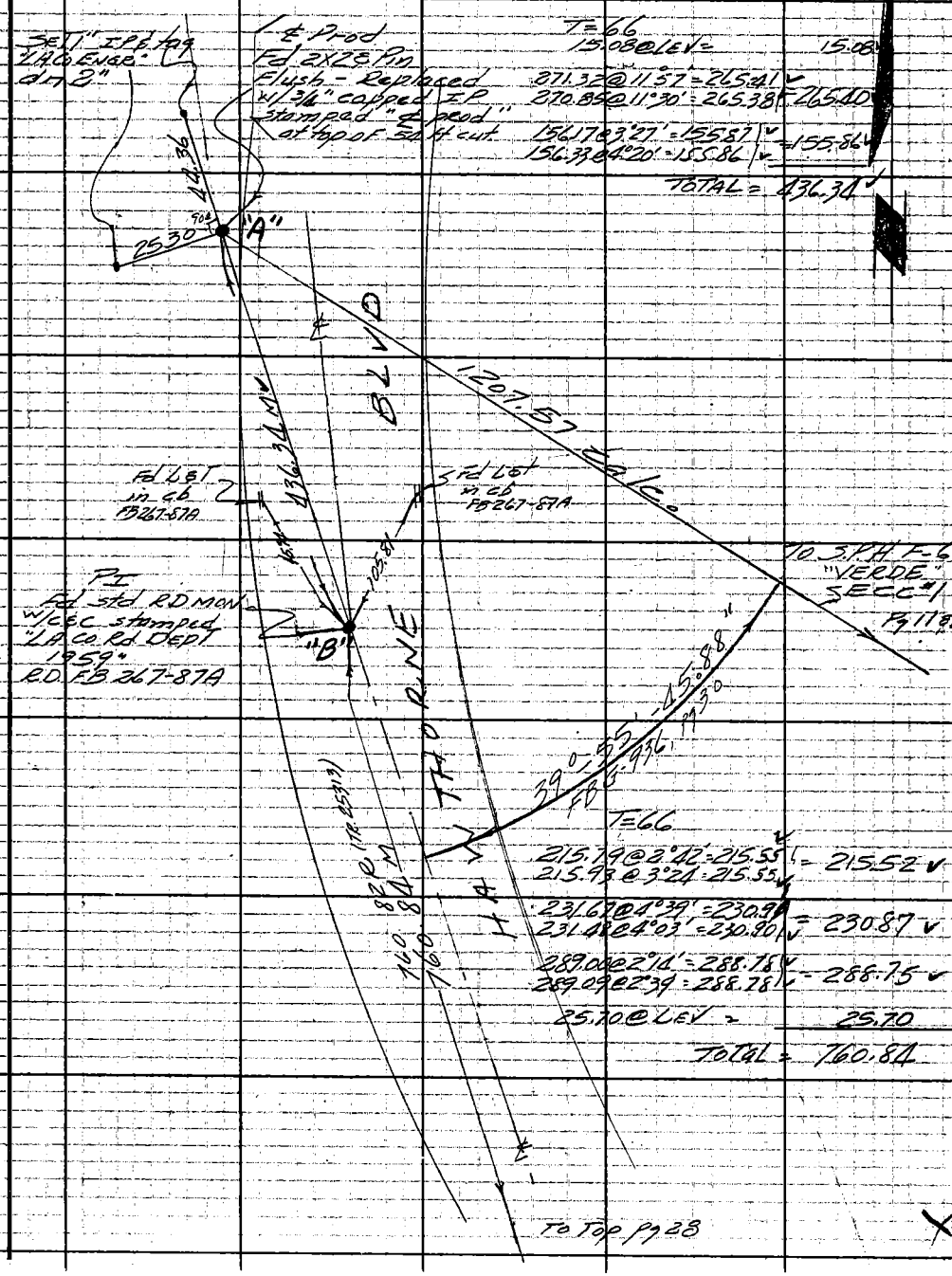
763093 CE #247 7-58

2922
F.B. ~~2922~~ PG. 28

T=70° 100' Tape 0162
587.11 @ LEV = 587.12 ✓

Notes Ck'd by MILLER	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 0144 Std 84 °F
Office Work	Surveyed by A.C. GUITADO
Checked	Notes ACG Date 10/24/61
Date	Indexed H. E. OTT

F. B. ~~2292~~ 2922 Pg. 29



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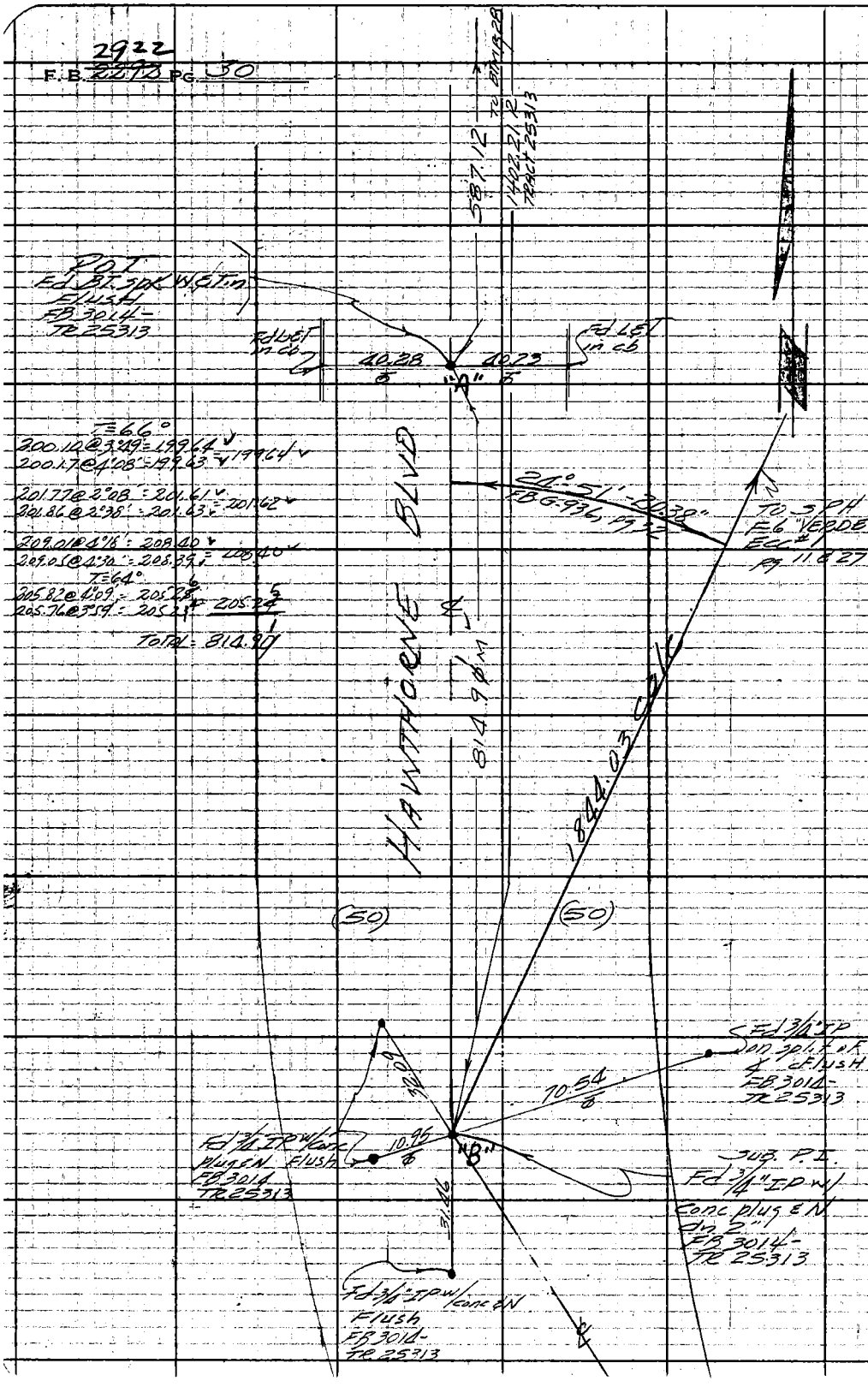
1700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247 7-59

2922
F.B. ~~2292~~ PG. 30



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2922

Notes Ck'd by J. C. MILLER	Survey of Cadastral Ties	F. B. 2922 Pg. 31	
Map No.	JN 0202.00 Tape	Std	°F
Office Work	Surveyed by A.E. Guizado		
Checked	Notes A-CG	Date 10-61	
Date	Indexed NOV 1 7 '61 H. E. on		

CADASTRAL TIE TO TRIANGULATION STATION SAN PEDRO HILLS C-6 TO & INTERSECTION OF PALOS VERDES DRIVE WEST & RUE BEAUPRE & TO TRACT #24533

JOB NO 0202.00

Guizado	AC
Bazen	SS
Smith	RD
Glidden	RD
Smith	N
McKnight	T-M.

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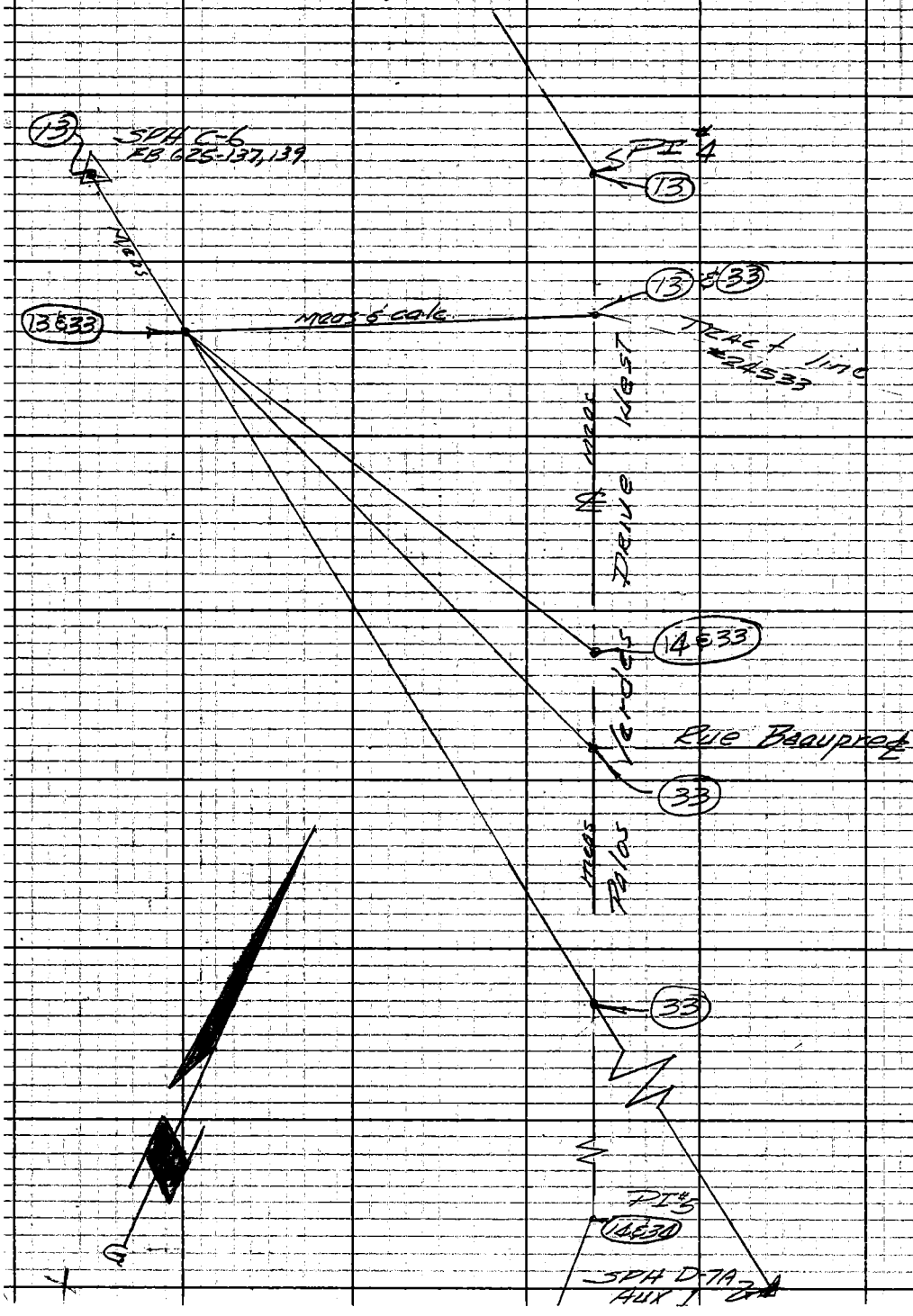
900 Los Angeles County Engineering Bldg.

76309S CE #247 7-53

2922

F.B. ~~2272~~ Pg. 32

INDEX & METHOD SKETCH



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Notes Ck'd by J. C. MILLER	Survey of Cadastral Ties
Map No.	JN 0202-08 Tape 0162 Std 68 °F
Office Work	Surveyed by A.C. Guizado
Checked	Notes ACG Date 10-30-61
Date	Indexed H. E. on

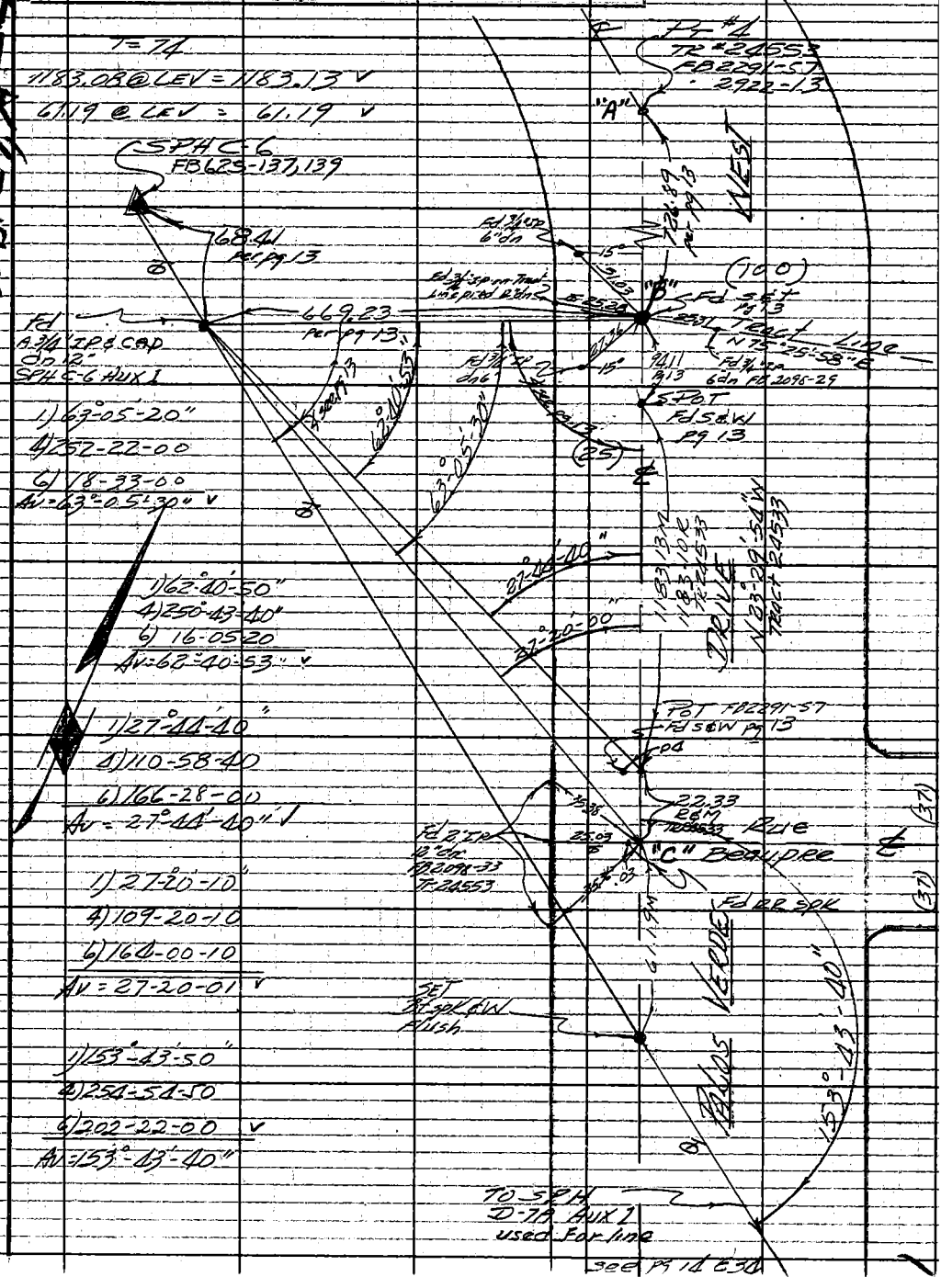
F. B. 2922 PG. 33

W.S. 27A-4

T=74

1183.08 @ LEV = 1183.13 ✓

61.19 @ LEV = 61.19 ✓



1) 63°-05'-20"
4) 252-22-00
6) 18-33-00
Av = 63°-05'-30" ✓

1) 62°-40'-50"
4) 250°-43'-40"
6) 16-05-20
Av = 62°-40'-53" ✓

1) 27°-44'-40"
4) 110-58-40
6) 166-28-00
Av = 27°-44'-40" ✓

1) 27°-20'-10"
4) 109-20-10
6) 164-00-10
Av = 27-20-01 ✓

1) 153°-43'-50"
4) 254-54-50
6) 202-22-00 ✓
Av = 153°-43'-40"

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

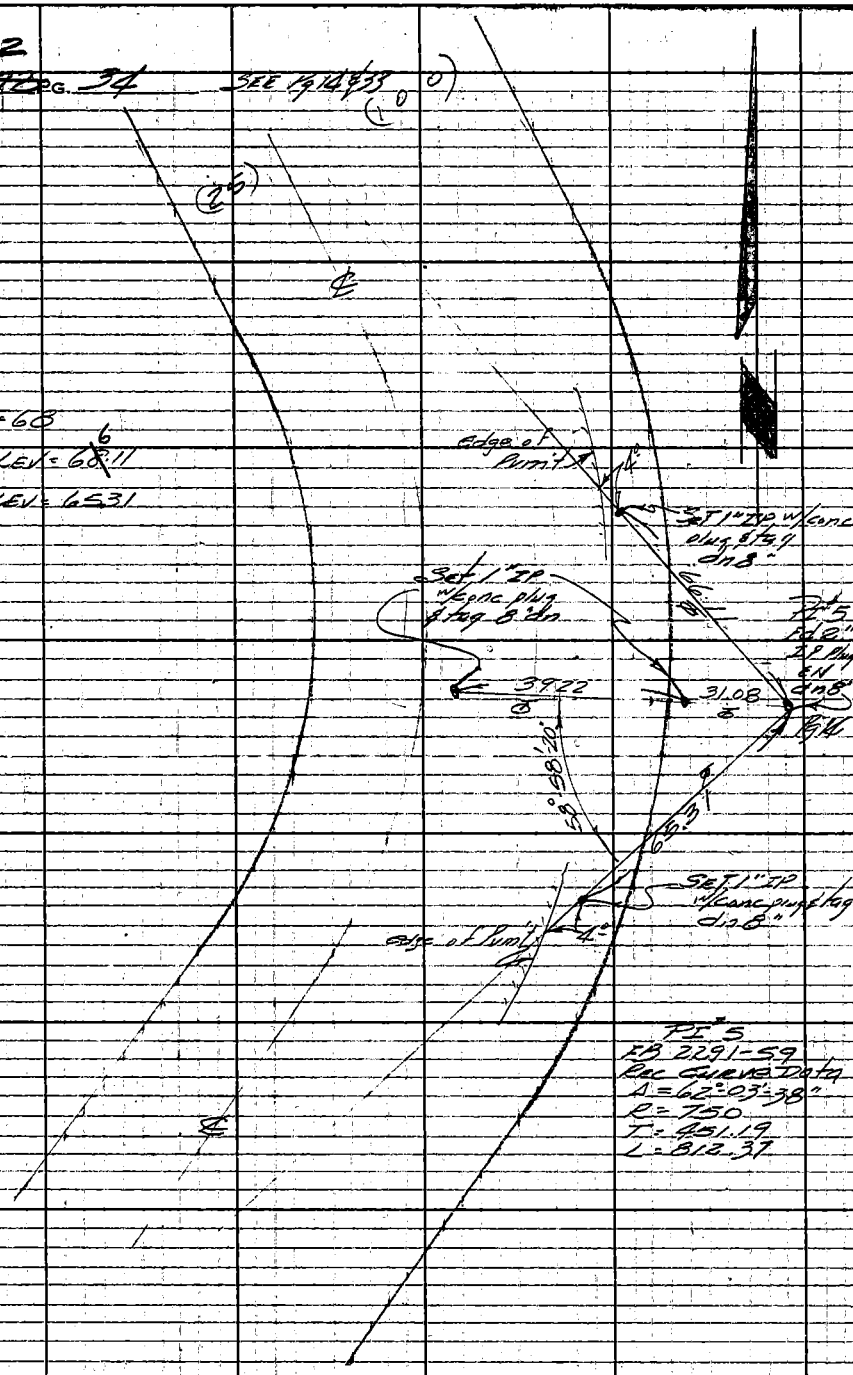
Do not extend notes this side of this line.

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

76309S CE #247 7-53

2922

F.B. ~~2212~~ PG. 34 SEE Pg 14 & 33



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.

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

Survey of CADASTRAL TIES
JN 022022 Tape Std °F
Surveyed by A.C. GUITADO
Notes ACG Date NOV 61
Indexed JUL 17 '61 H. E. OTT

F. B. 2922 Pg. 35

CADASTRAL TIE TO TRIANGULATION STATION SAN PEDRO HILLS L-7 ECC #2

TO

℄ INTERSECTION CREST ROAD & STARLINE DRIVE & SAN PEDRO HILLS M-9 TO ℄ INTERSECTION CREST ROAD & PALOS VERDES DRIVE EAST

GUITADO

BAZEN SMITH — E

GILDDEN SMITH MCKNIGHT — N

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

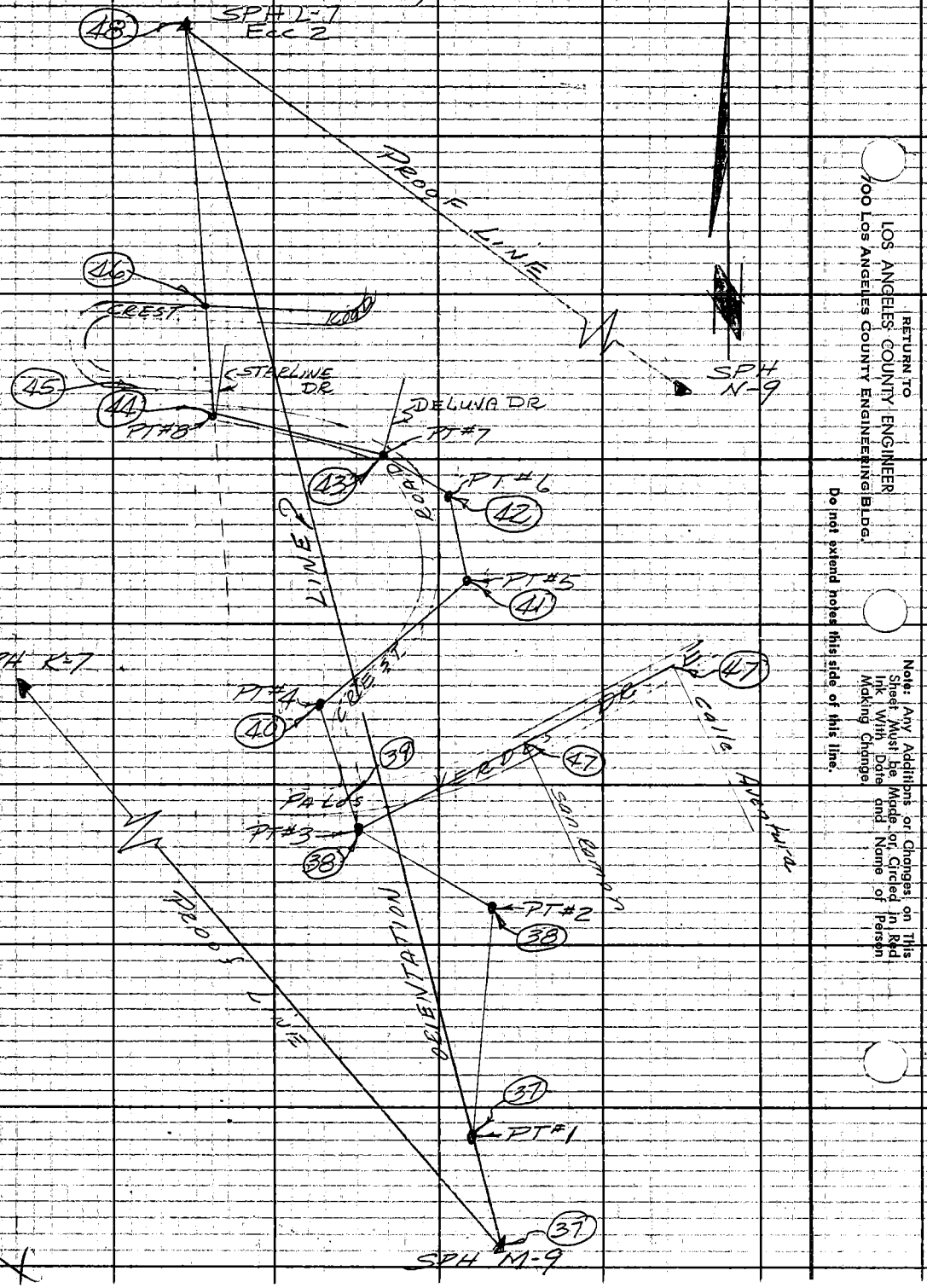
Do not extend notes this side of this line.

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

763098 CE #247 7-58

F.B. 2922 PG. 36

INDEX & METHOD SKETCH

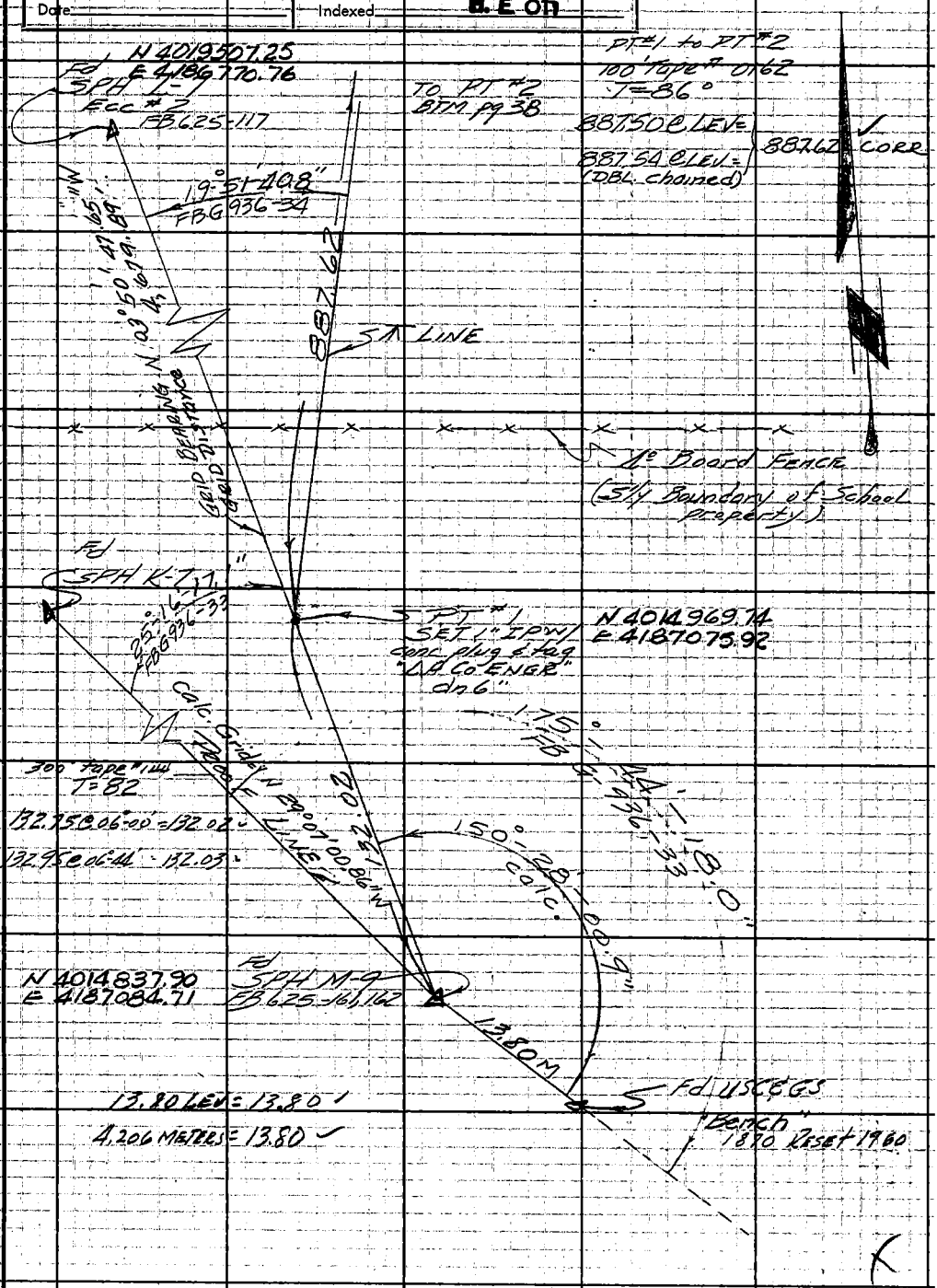


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 J. C. MILLER	Survey of CADASTRAL TIES	F. B. 2922 PG. 37
Map No.	JN 020200 Tape Std °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes ACG Date NOV 61	
Date	Indexed H. E. ON	



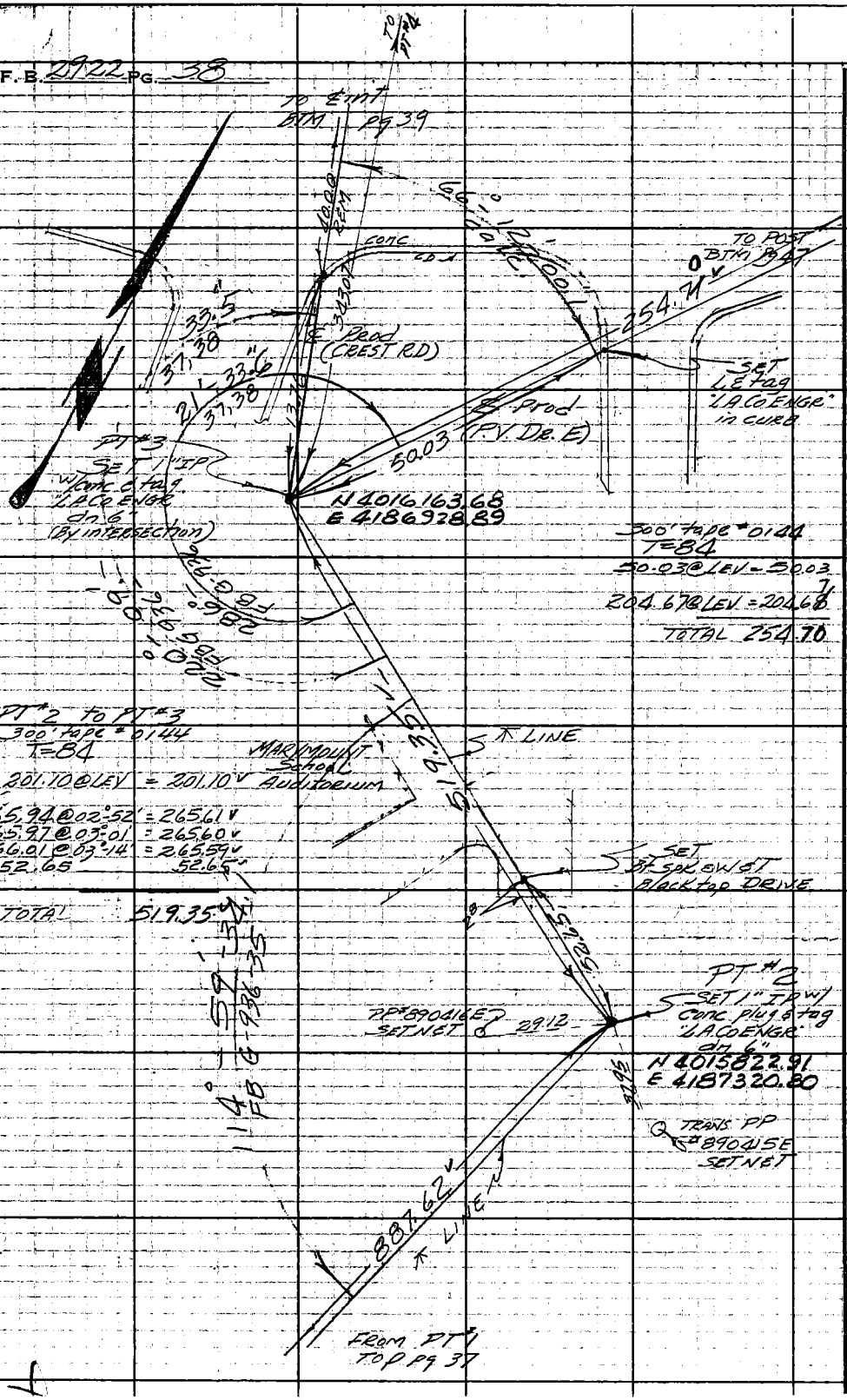
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763095 CE #247 7-53

F.B. 2922 PG. 38

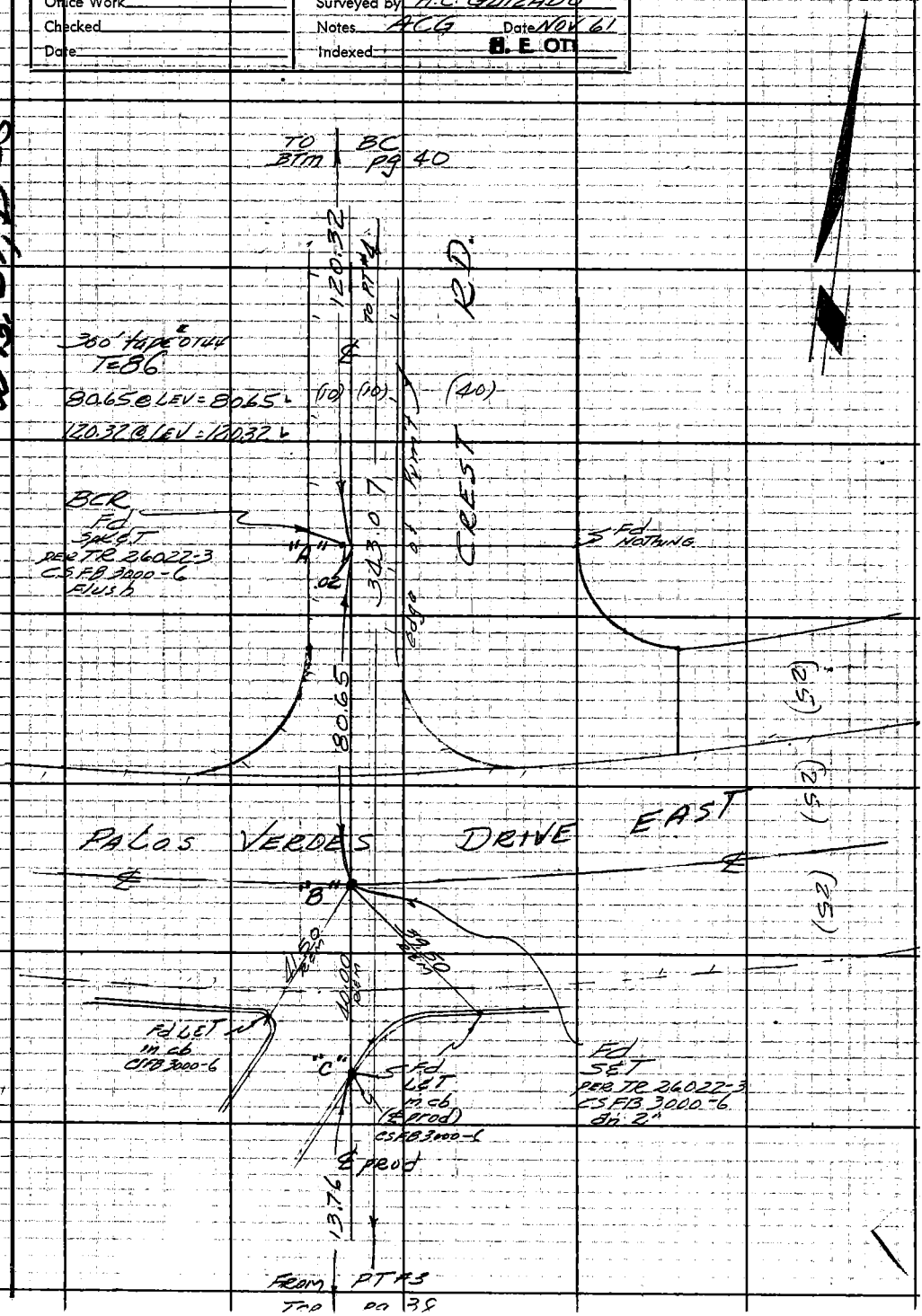


RETURN TO LOS ANGELES COUNTY ENGINEER 700 Los Angeles County Engineering Bldg.

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 J. C. MILLER	Survey of CADASTRAL TIES	F. B. 2922 Pg. 39
Map No.	IN 0202.00 Tape Std. °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date NOV 61	
Date	Indexed H. E. OTT	



W.B. 27, 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.

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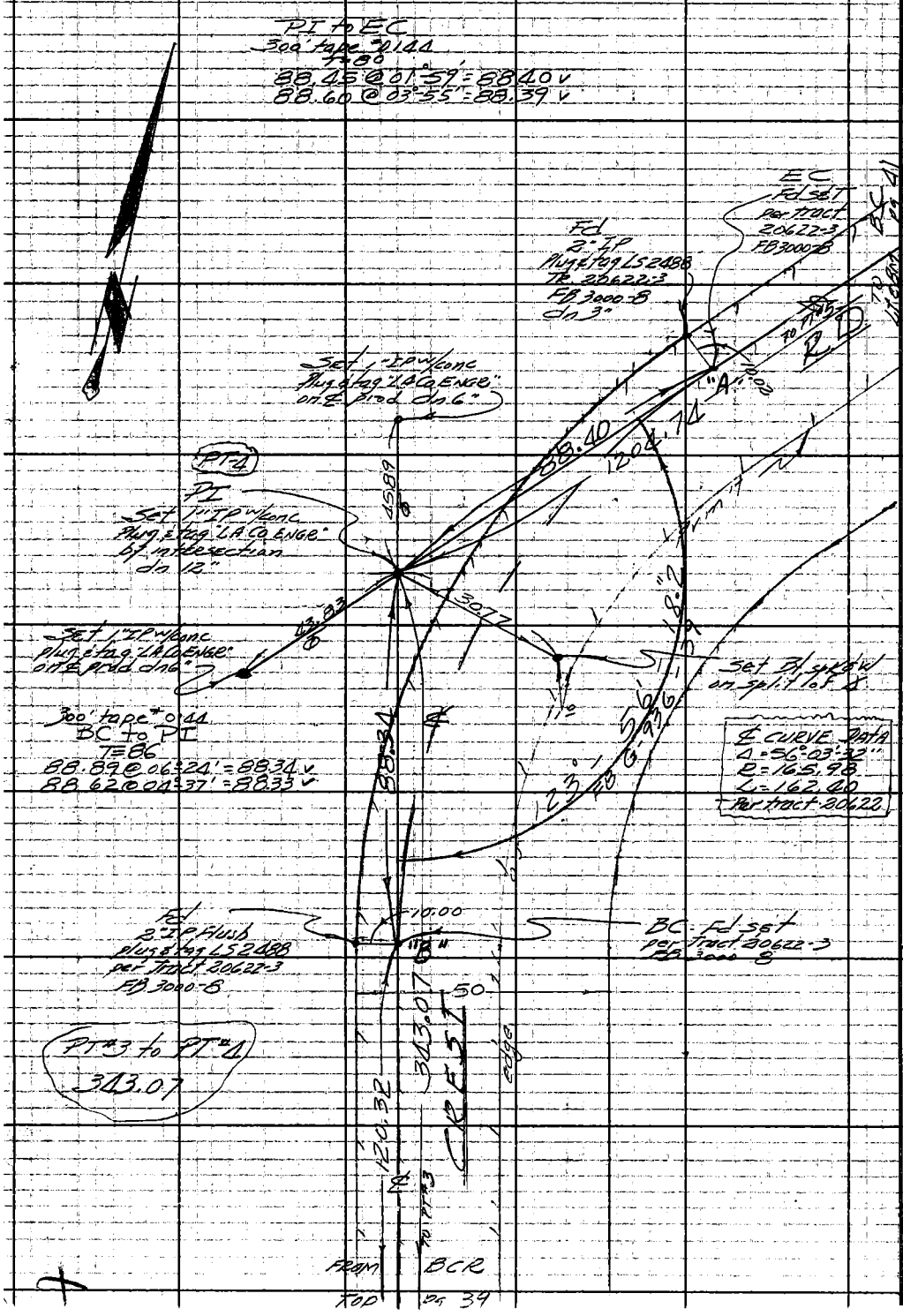
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76309S CE #247 7-53

F.B. 2922 PG. 40



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

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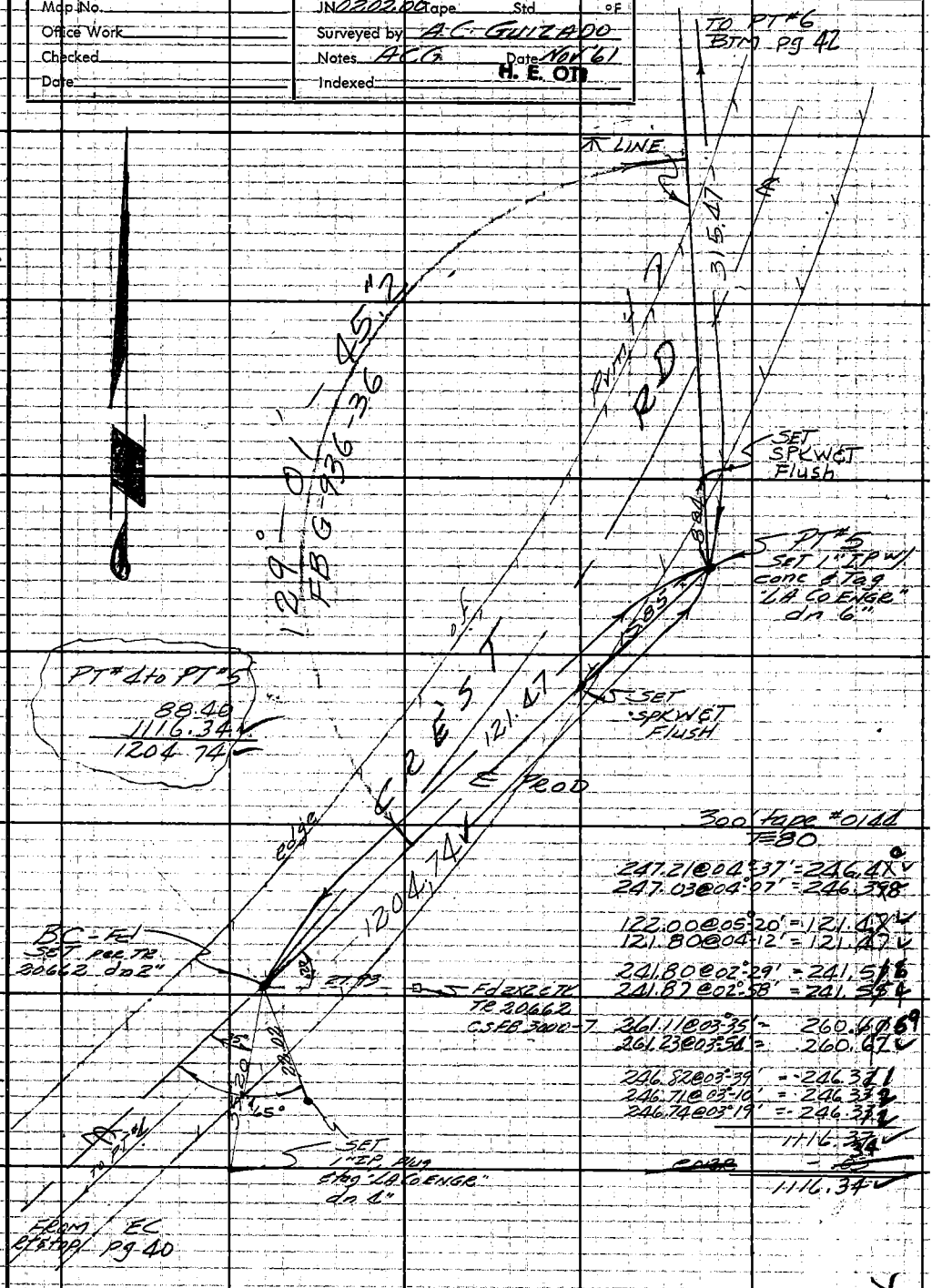
Note: Any Additions or Changes, on This Sheet, Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIE
Map No.	JN 0202.00 Tape Std °F
Office Work	Surveyed by A. C. GUIZADO
Checked	Notes ACG Date NOV '61
Date	Indexed H. E. OTT

F. B. 2922 PG. 41



300' tape #0144
T=80

247.21@04°37' = 246.41
247.03@04°07' = 246.38

122.00@05°20' = 121.47
121.80@04°12' = 121.47

241.80@02°29' = 241.51
241.87@02°58' = 241.54

261.11@03°35' = 260.69
261.23@03°54' = 260.67

246.82@03°39' = 246.31
246.71@03°10' = 246.32
246.74@03°19' = 246.32

1116.34
~~CORR~~ - 0.0
1116.34

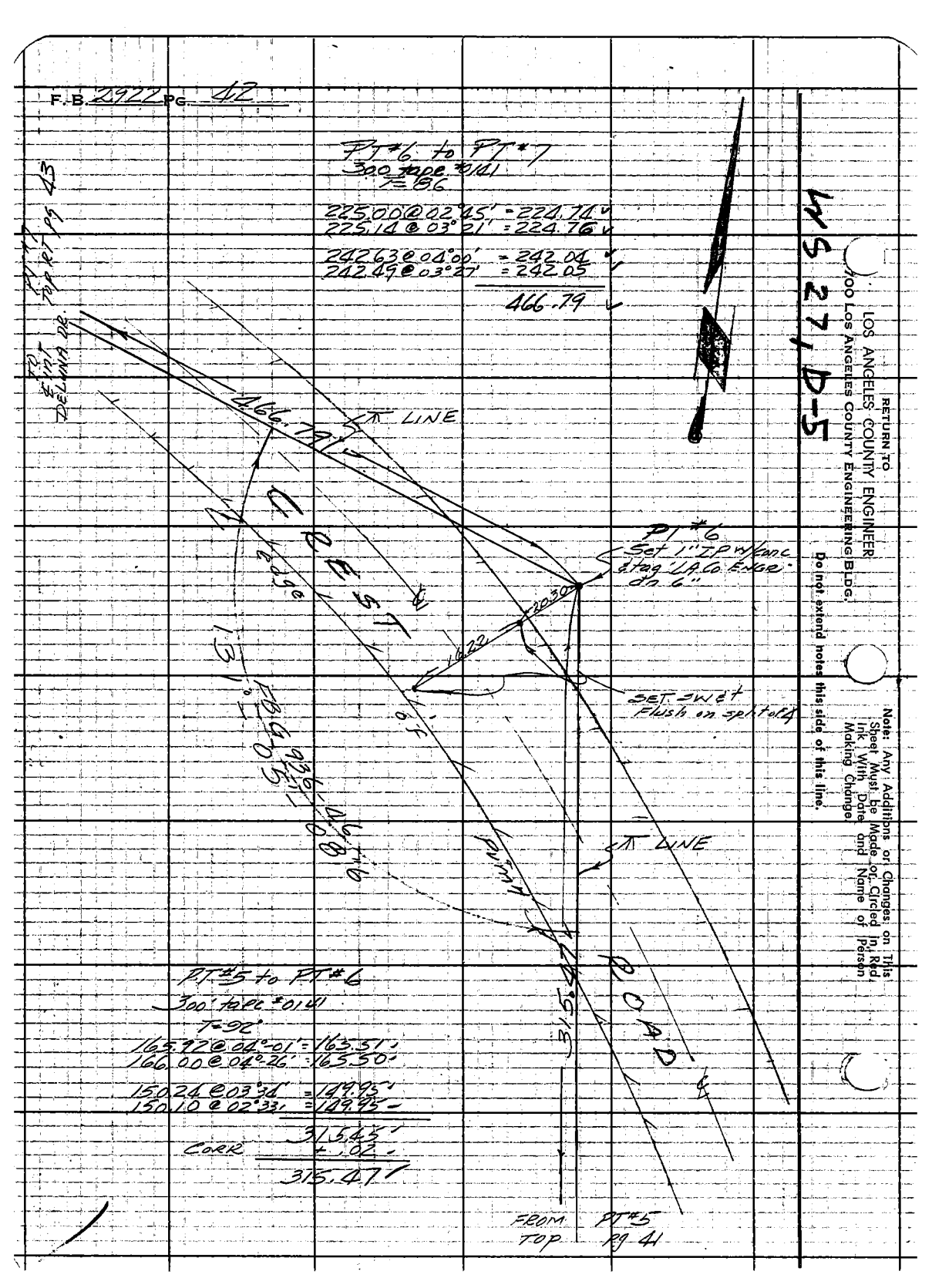
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763095 CE #247 7-53

F.B. 2922 Pg. 42



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

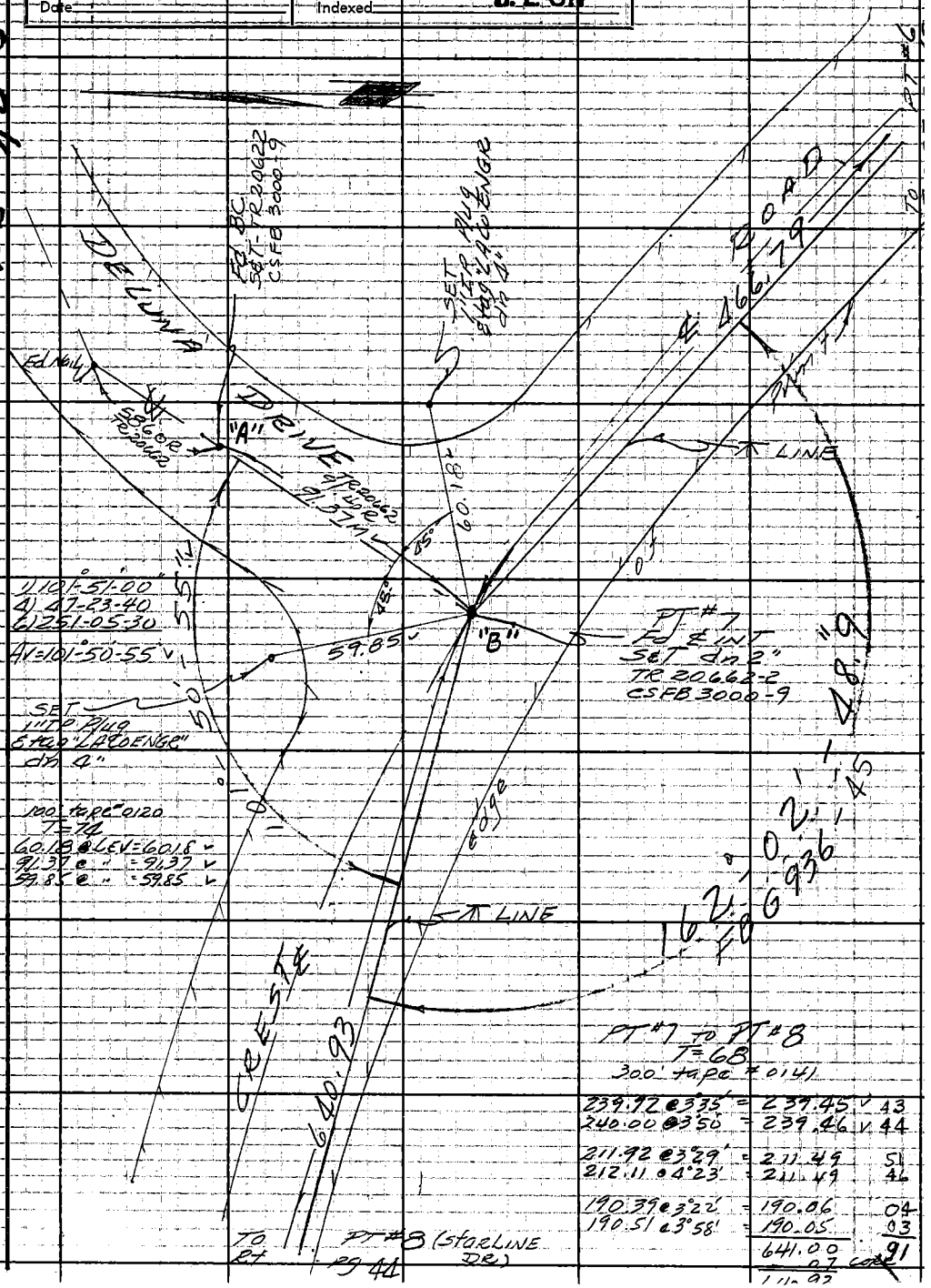
Do not extend notes this side of this line.

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

WS 27, D-5

Notes Ck'd by J. C. MILLER	Survey of CADASTRAL TIE	F. B. 2922 PG. 43
Map No.	JN 020200 Tape Std °F	
Office Work	Surveyed by ACGUIZADO	
Checked	Notes ACG Date NOV '61	
Date	Indexed H. E. OTT	

WS27D-5



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

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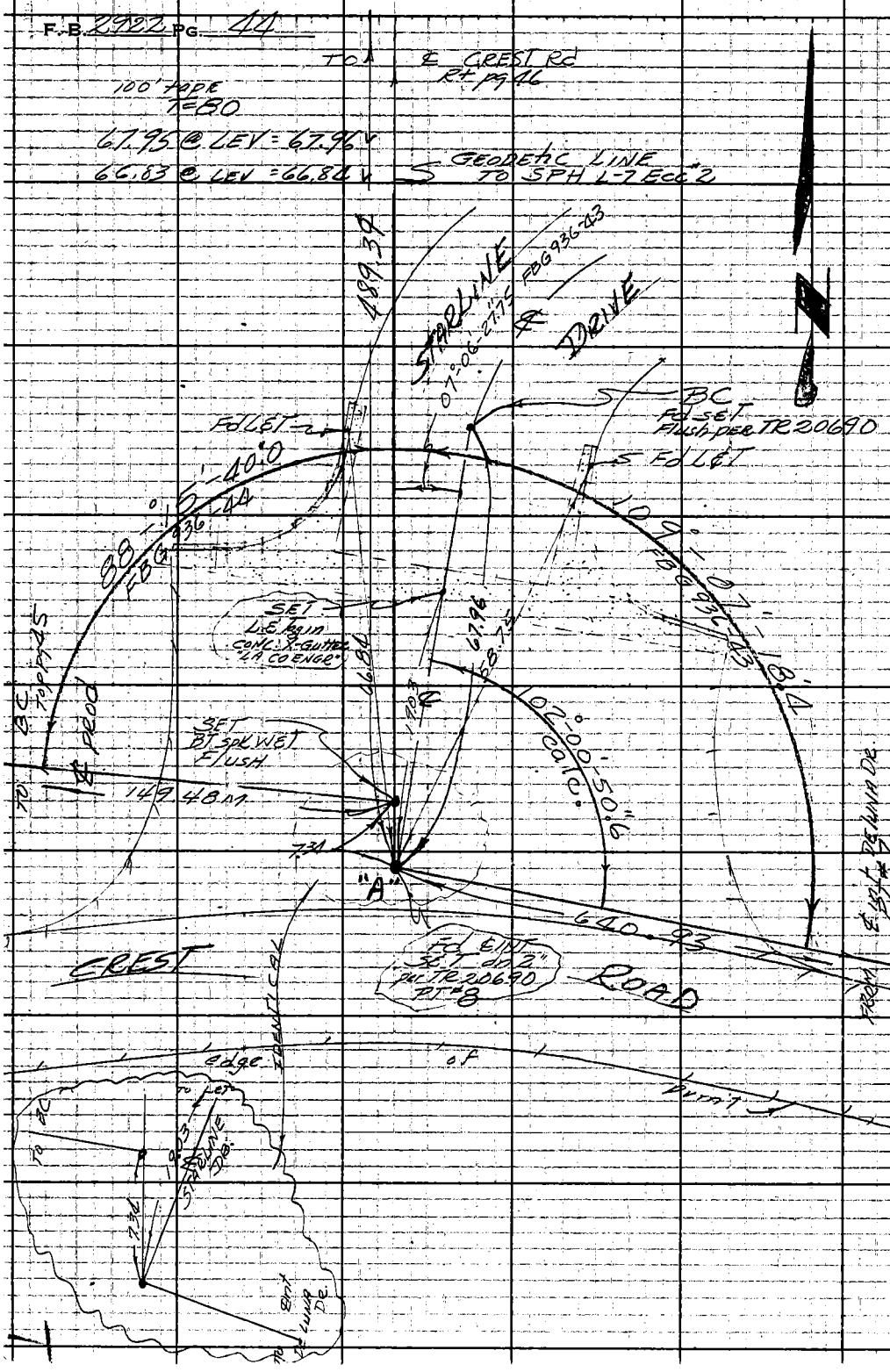
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247 7-59

F.B. 2922 PG. 44

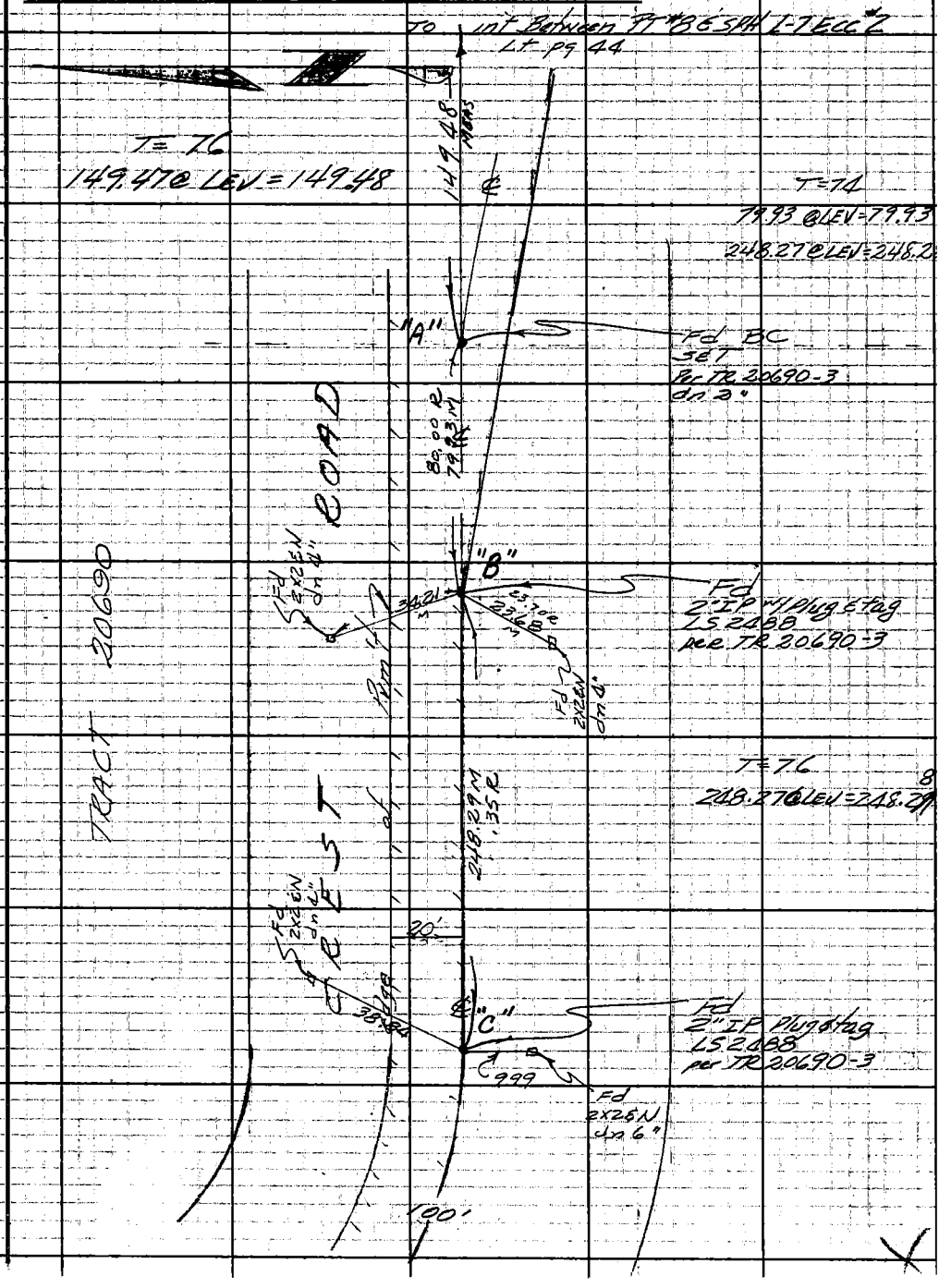


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 J. C. MILLER	Survey of CADASTRAL TIES	F. B. 2922 PG. 45
Map No.	JN 0202.00 Tape 0120 Std 68 °F	
Office Work	Surveyed by A.C. GINZADO	
Checked	Notes ACG Date NOV 61	
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
100 LOS ANGELES COUNTY ENGINEERING BLDG.

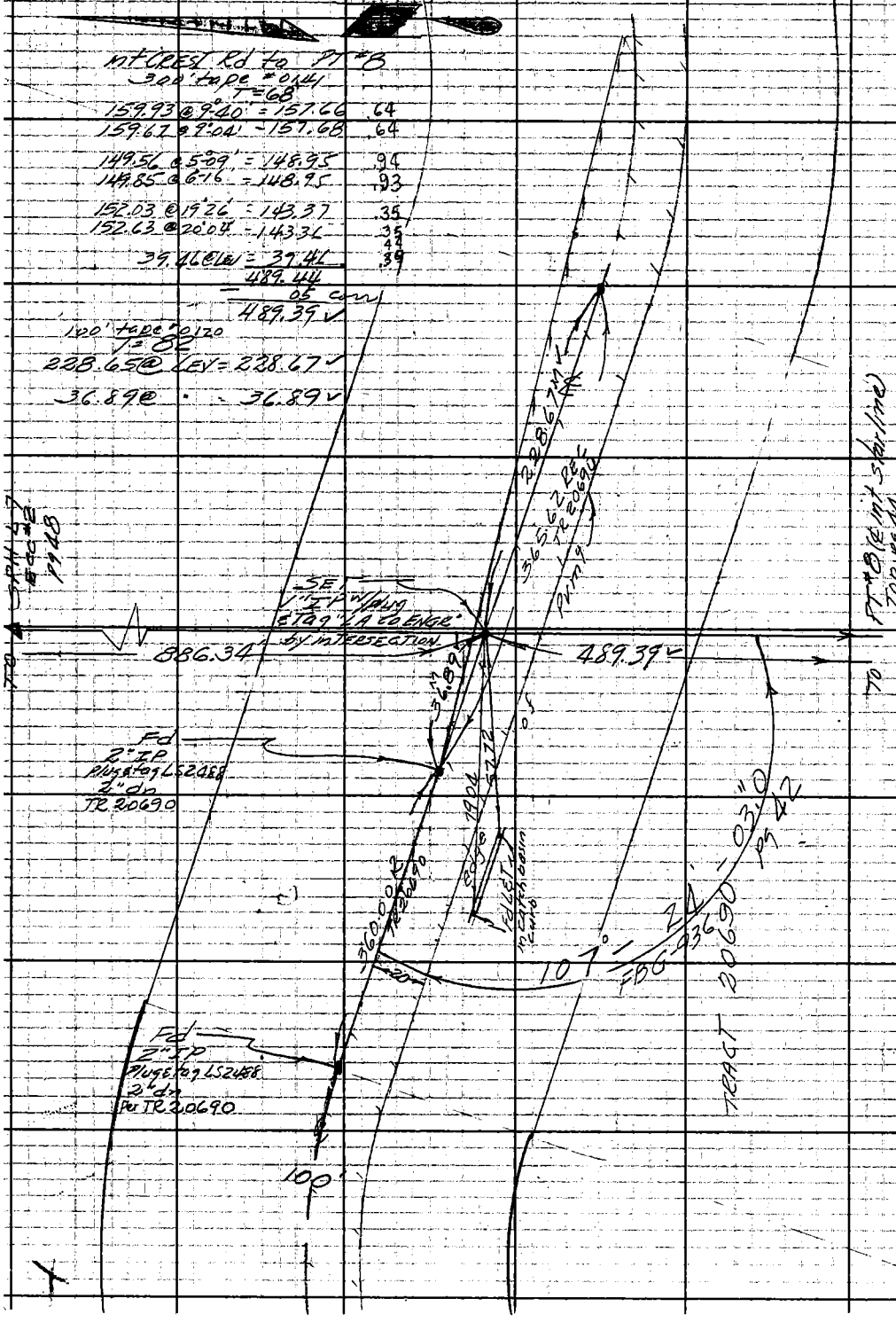
76309S CE #247 7-53

F.B. 2922 PG. 46

Int Crest Rd to PT #8
300' tape #0141
T=68'

159.93 @ 9°40'	= 157.66	.64
159.67 @ 9°04'	= 157.68	.64
149.56 @ 5°09'	= 148.95	.94
149.85 @ 6°16'	= 148.95	.93
152.03 @ 19°26'	= 143.37	.35
152.63 @ 20°04'	= 143.36	.35
		.44
39.46 @ Lev	= 39.46	.39
	489.44	
	− .05 corr	
	489.39 ✓	

100' tape #0120
T=82'
228.65 @ Lev = 228.67 ✓
36.89 @ " = 36.89 ✓

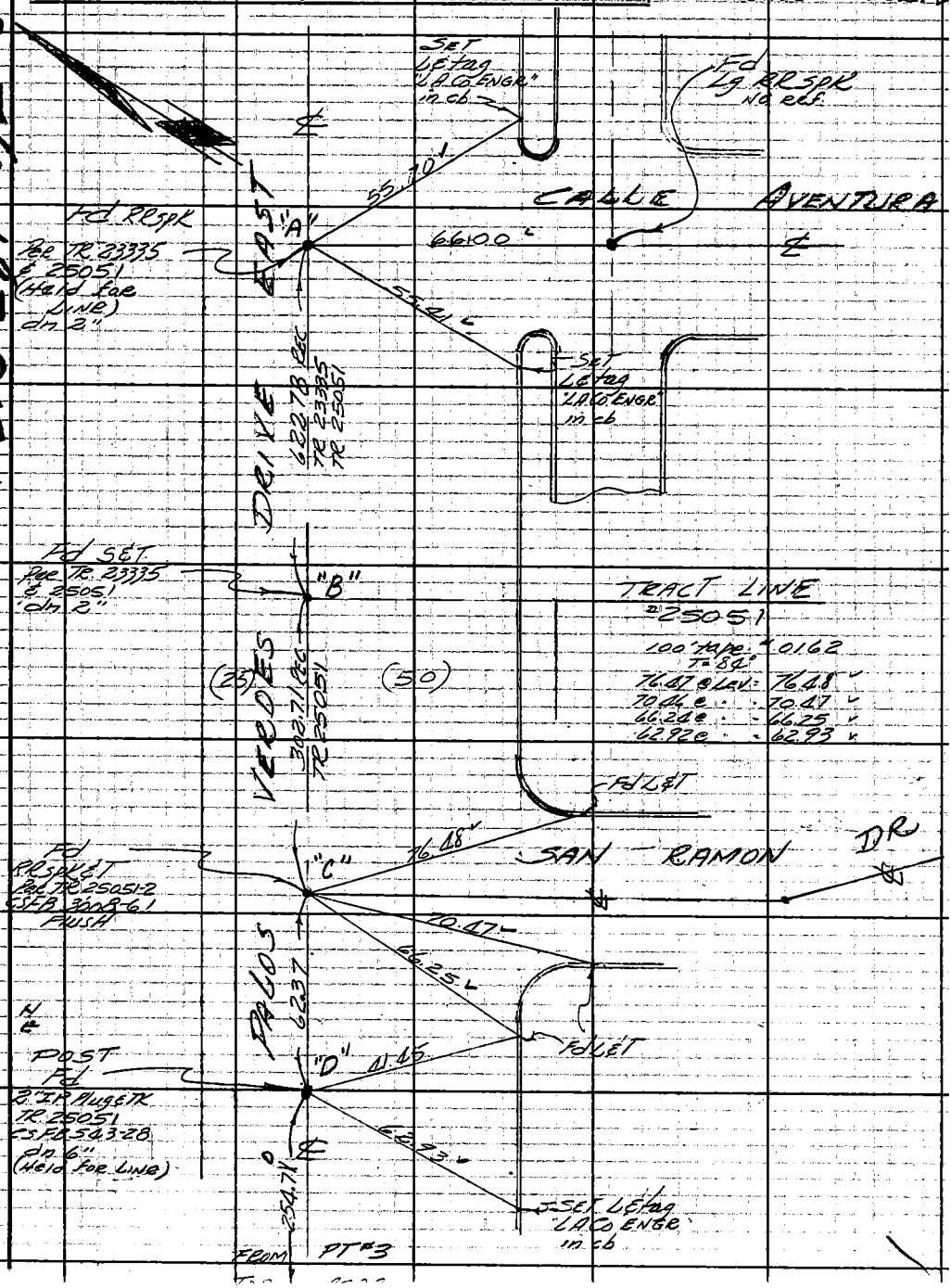


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 J. C. MILLER	Survey of CADASTRAL TIES	F. B 2922 PG. 47
Map No.	JN 020200 Tape Std °F	100' tape # 0162
Office Work	Surveyed by A.C. GUIZADO	T = 84°
Checked	Notes ACG Date NOV '61	55.69 @ LEV = 55.70
Date	Indexed H. E. ON	65.99 @ " = 66.00
		55.40 @ " = 55.41



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

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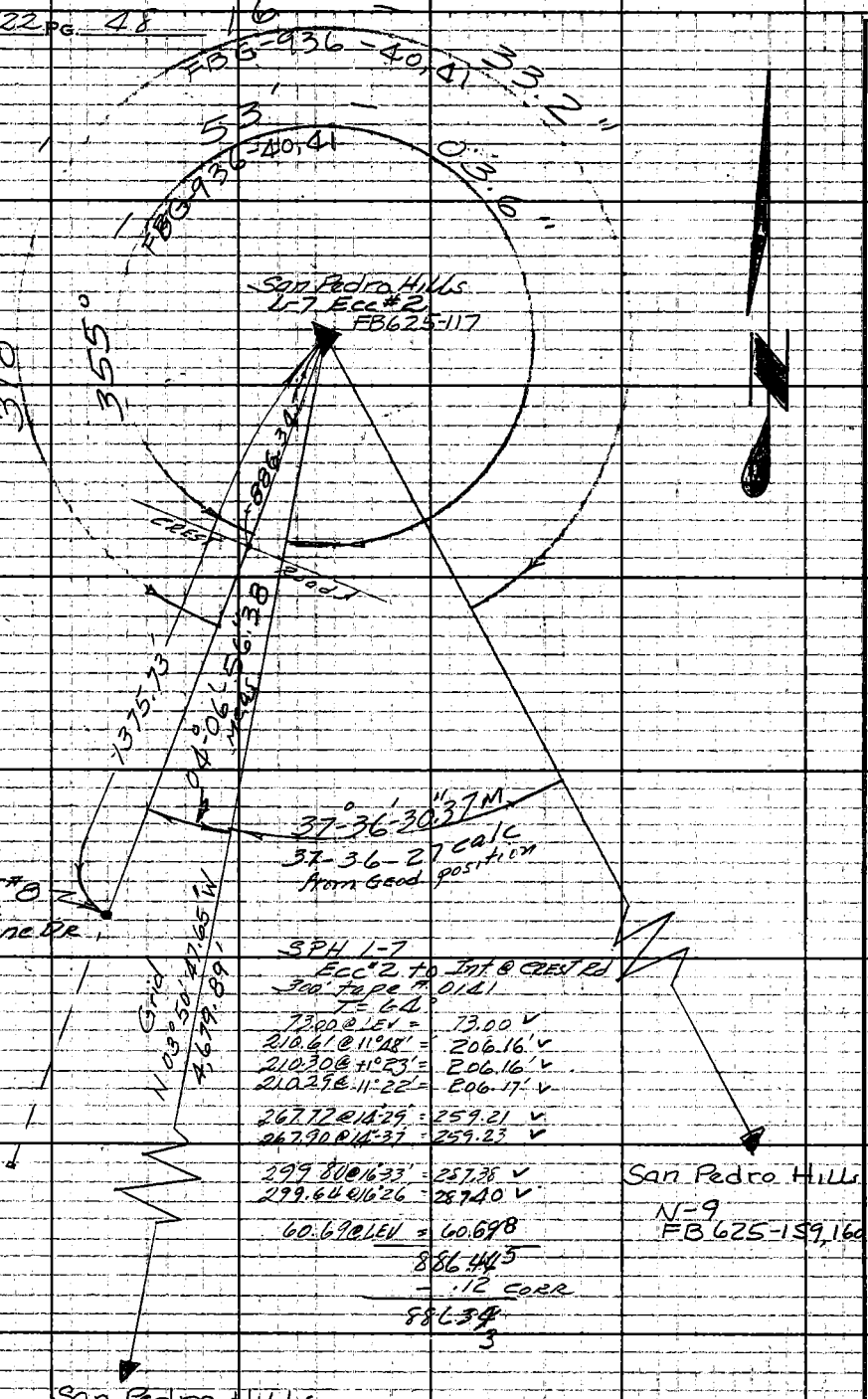
RETURN TO LOS ANGELES COUNTY ENGINEER 100 LOS ANGELES COUNTY ENGINEERING BLDG.

76309S CE #247 7-59

F.B. 2922 PG. 48



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

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

Notes Ck'd by J. C. MILLER	Survey of GEODETIC CONTROL
Map No.	In 0301.00 Tape 078 Std 68 o.f.
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 10-31-61
Date	Indexed NOV 1 7 '61 M. E. ON

F. B. 2922 PG. 49

CADASTRAL TIE, SAN PEDRO HILLS G-4, AUX. 1 TO ℄ OF INDIAN PEAK ROAD AND SILVER SPUR ROAD

JOB NO 0301.00
GEODETIC CONTROL

DREIER
MOODY
VALDEZ
LYBRAND
WORKMAN

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

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

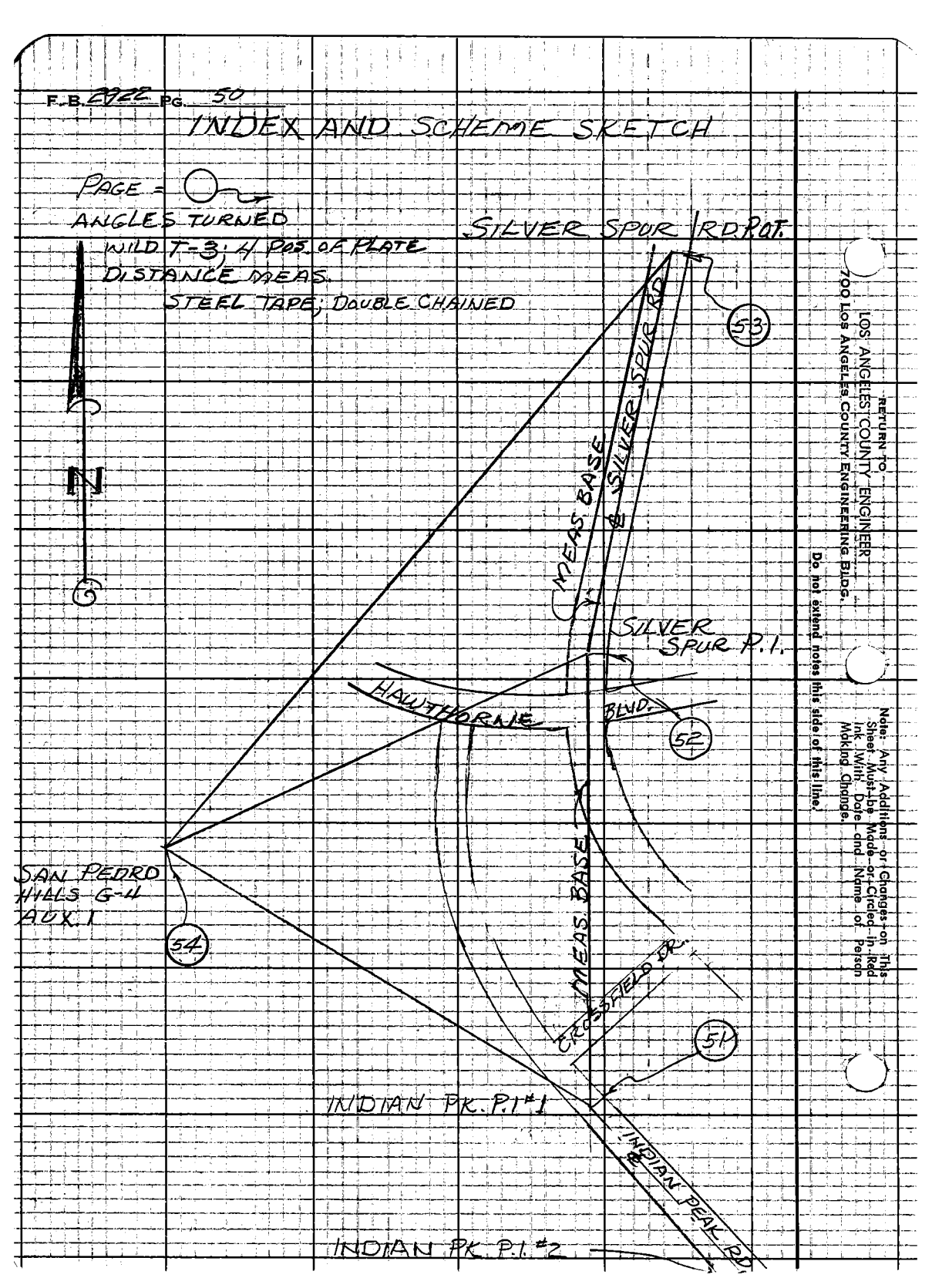
763095 CE #247 7-55

F.B. 2922 PG. 50

INDEX AND SCHEME SKETCH

PAGE = ○→

ANGLES TURNED
WILD T-3; 4 POS. OF PLATE
DISTANCE MEAS.
STEEL TAPE; DOUBLE CHAINED



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

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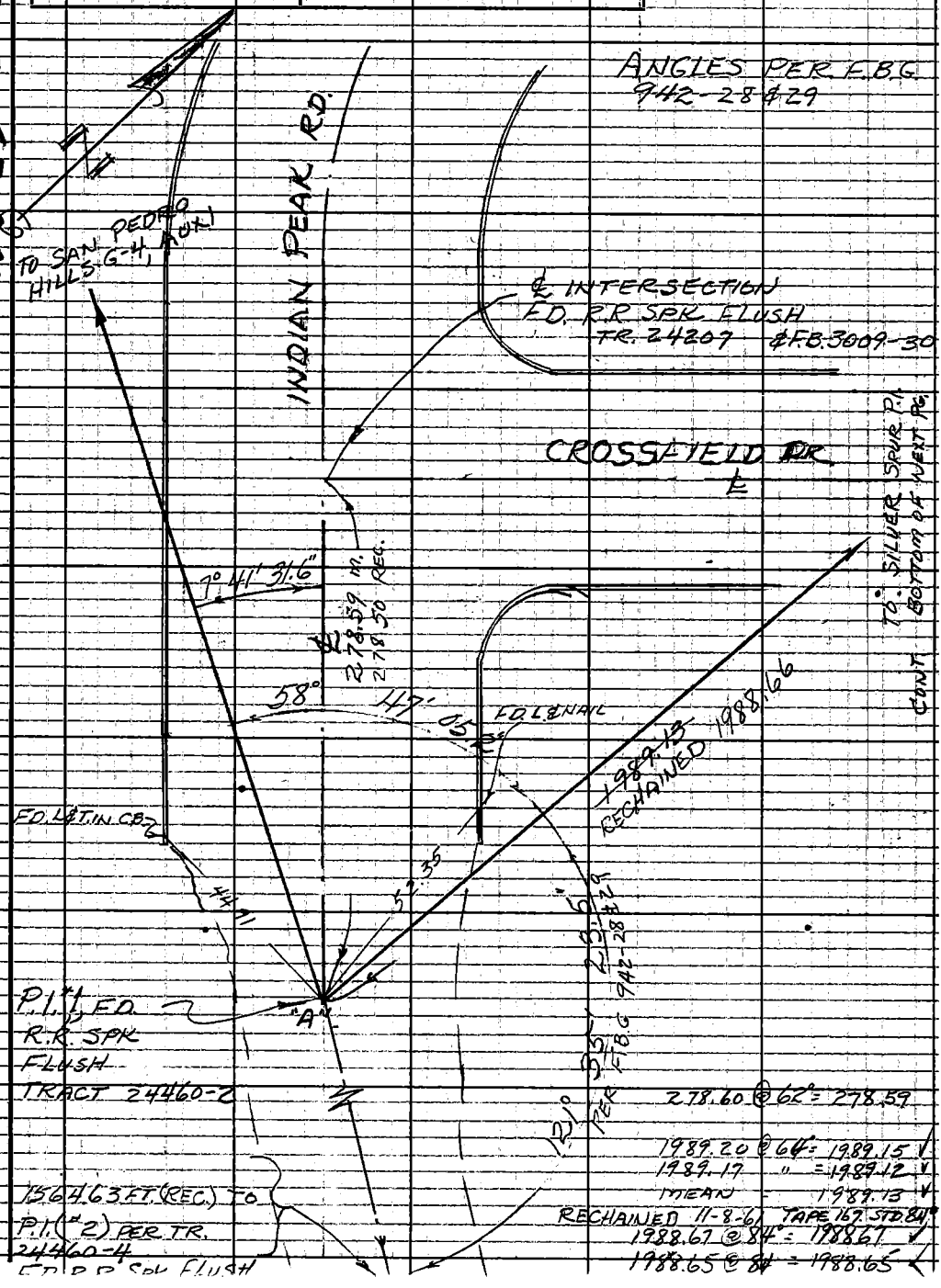
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by J. C. MILLER	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 078 Std 68 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 10-31-61
Date	Indexed H. E. OTT

F.B. 2922 PG. 51



278.60 @ 62° = 278.59

1989.20 @ 64° = 1989.15 ✓
1989.17 " = 1989.12 ✓
MEAN = 1989.13 ✓
RECHAINED 11-8-61 TAPE 167 STD 84°
1988.67 @ 84° = 1988.67 ✓
1988.65 @ 84° = 1988.65 ✓

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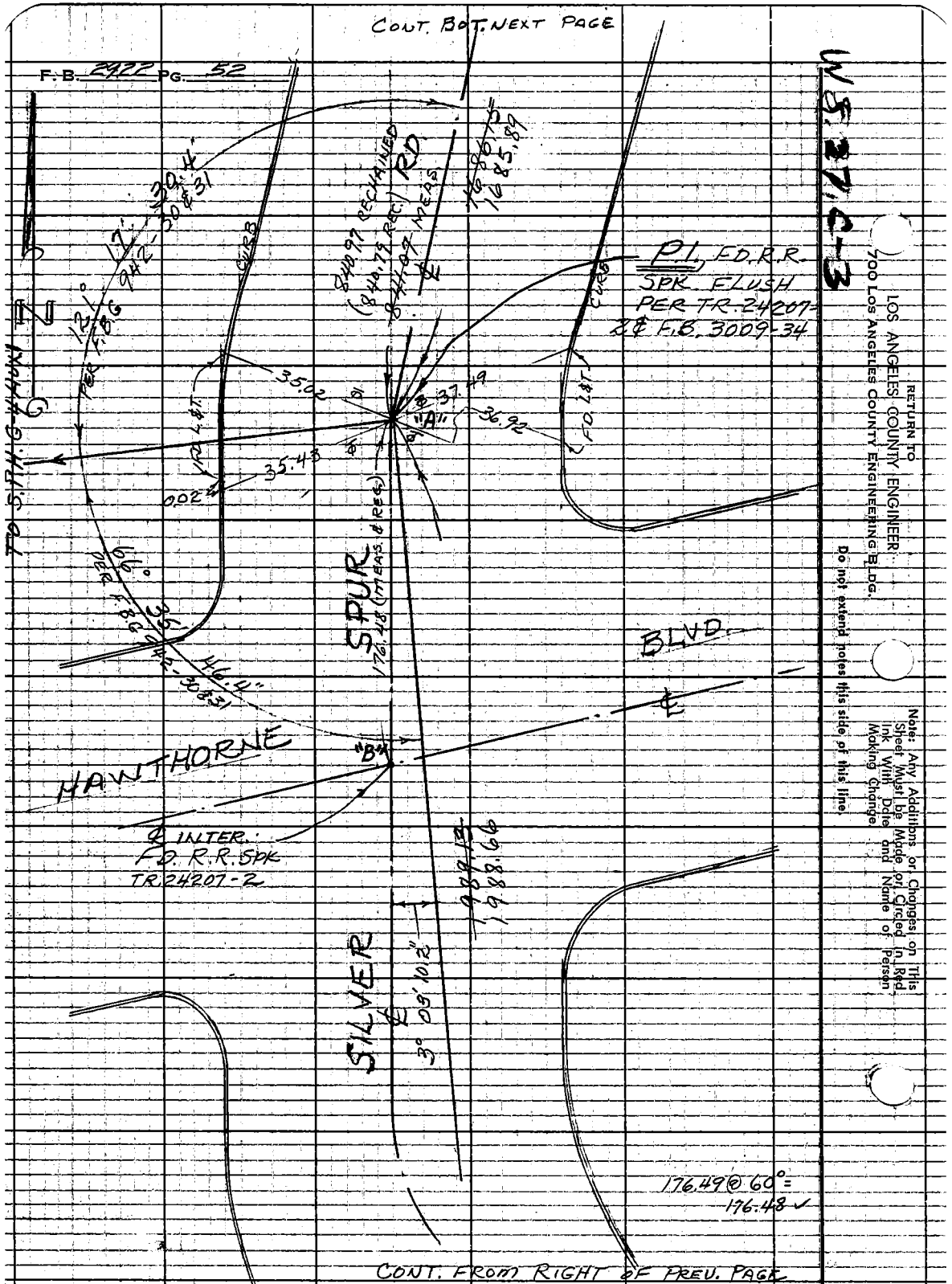
RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG

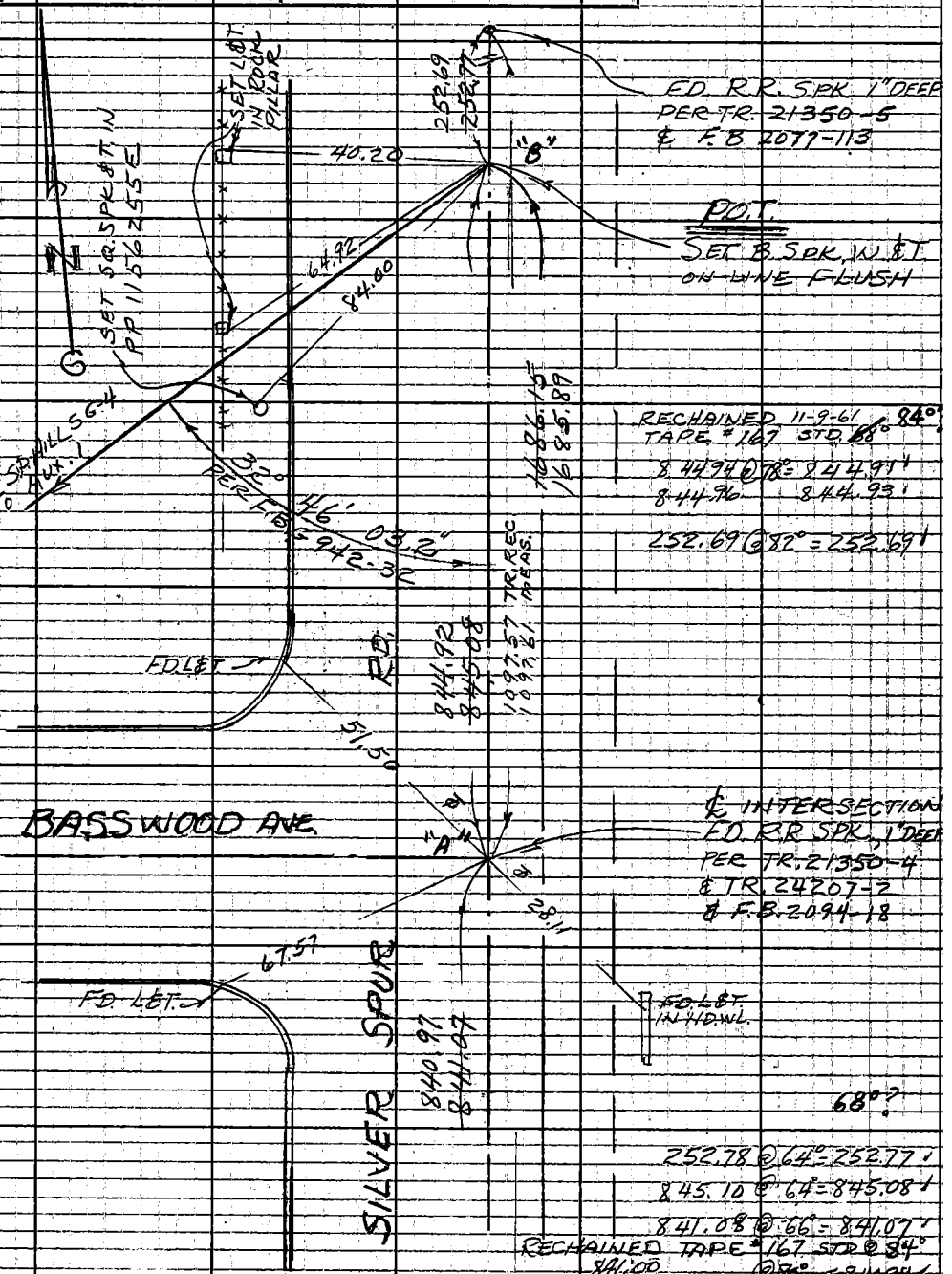
763095 CE #247 7-53

CONT. BOT. NEXT PAGE

F.B. 2422 PG. 52



Notes Ck'd by: J. C. MILLER	Survey of: GEODETIC CONTROL	F.B. 2922 PG. 53
Map No.	JN 030100 Tape 078 Std 68° °F	
Office Work	Surveyed by: G.E. DREIER	
Checked	Notes: G.E.D Date: 10-31-61	
Date	Indexed: H.E. OTT	



SHEET 2 OF 2 SHEETS

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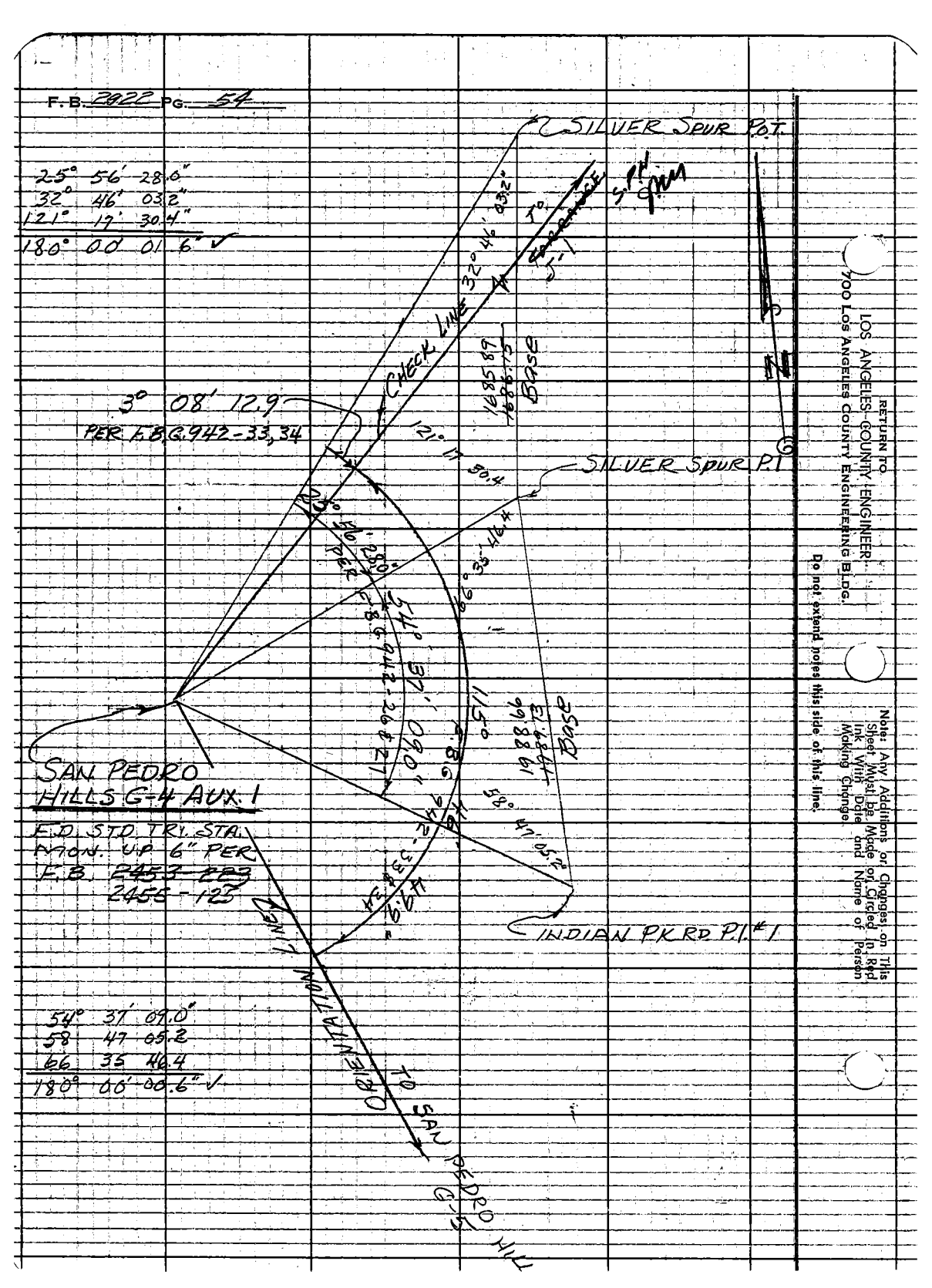
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-59

CAUT. FOR PROCEEDING PAGE

F.B. 2822 PG. 54



25° 56' 28.0"
32° 46' 03.2"
121° 17' 30.4"
180° 00' 01.6" ✓

54° 37' 09.0"
58° 47' 05.2"
66° 35' 46.4"
180° 00' 00.6" ✓

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

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	IN 0301.00 Tape Std oF
Office Work	Surveyed by C.E. DREIER
Checked	Notes C.E.D. Date 1-22-62
Date	Indexed H. E. OTT JAN 26 '62

F. B. 2922 PG. 55

GEODETIC CONTROL

JOB NO. 0301.00

CADASTRAL TIE

CONSTRUCTION & INTERSECTION OF HAWTHORNE BLVD. AND SEPULVEDA BLVD WITH TRAVERSE STATIONS TORRANCE K-9 AND TORRANCE J-9

DREIER
MOODY
SMITH, N.
VALDEZ
RODRIGUEZ, R.R.
WORKMAN

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

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

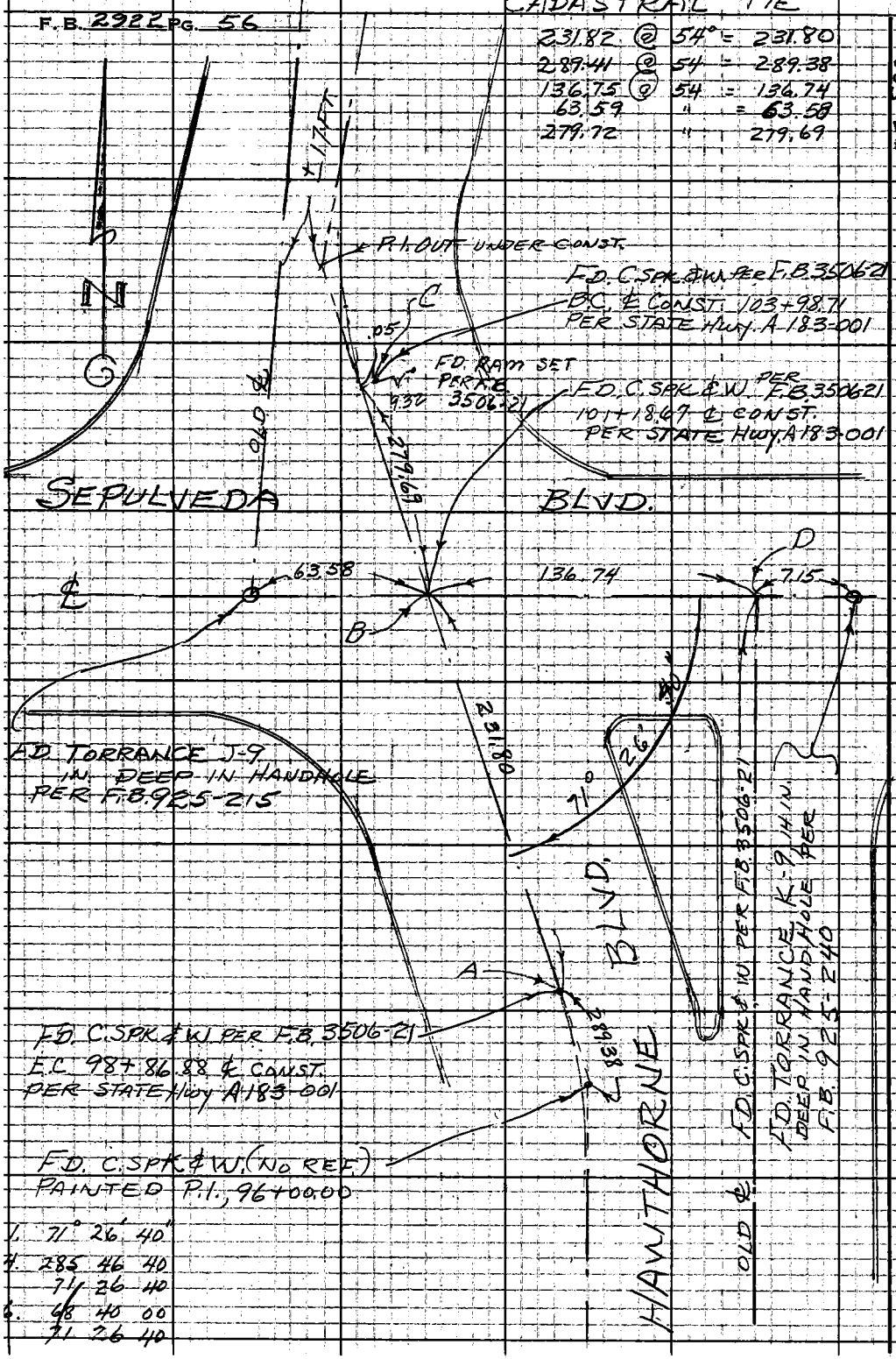
763095 CE #247—7-59

F.B. 2922 PG. 56

CADASTRAL TIE

231.82	@	54°	=	231.80
289.41	@	54	=	289.38
136.75	@	54	=	136.74
63.59	"		=	63.58
279.72	"			279.69

WS 27 D-1
WS 25 C-6



1. 71° 26' 40"
4. 285 46 40
71 26 40
6. 68 40 00
71 26 40

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LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 141 Std 84 oF
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date FEB/62
Date	Indexed H. E. OTT MAR 5 '62

F.B. 2922 PG. 57

JOB NO 0202.00

CADASTRAL TIE AND GEODETIC CONTROL TO THE CENTERLINE OF PALOS VERDE DRIVE EAST FROM CREST ROAD TO THE NORTHERLY BOUNDARY OF RECORD OF SURVEY 64-8/11

REFERENCES:

FB 2101 - 11 to 13
R.S. 64-8/11
TRACT 23335
20802
FB 2922 - 38 & 41
TRACT 25051
FB 543 - 28 to 29
CSFB 2080 - 107, 108
" 2094 - 5, 6

GUIZADO
SMITH R.D.
MYERS
GLIDDEN
LYBRAND

This traverse in connection with photo-map to be made of Tract # 22615-25376 for CI 2193.33 Crown View Dr. ACG

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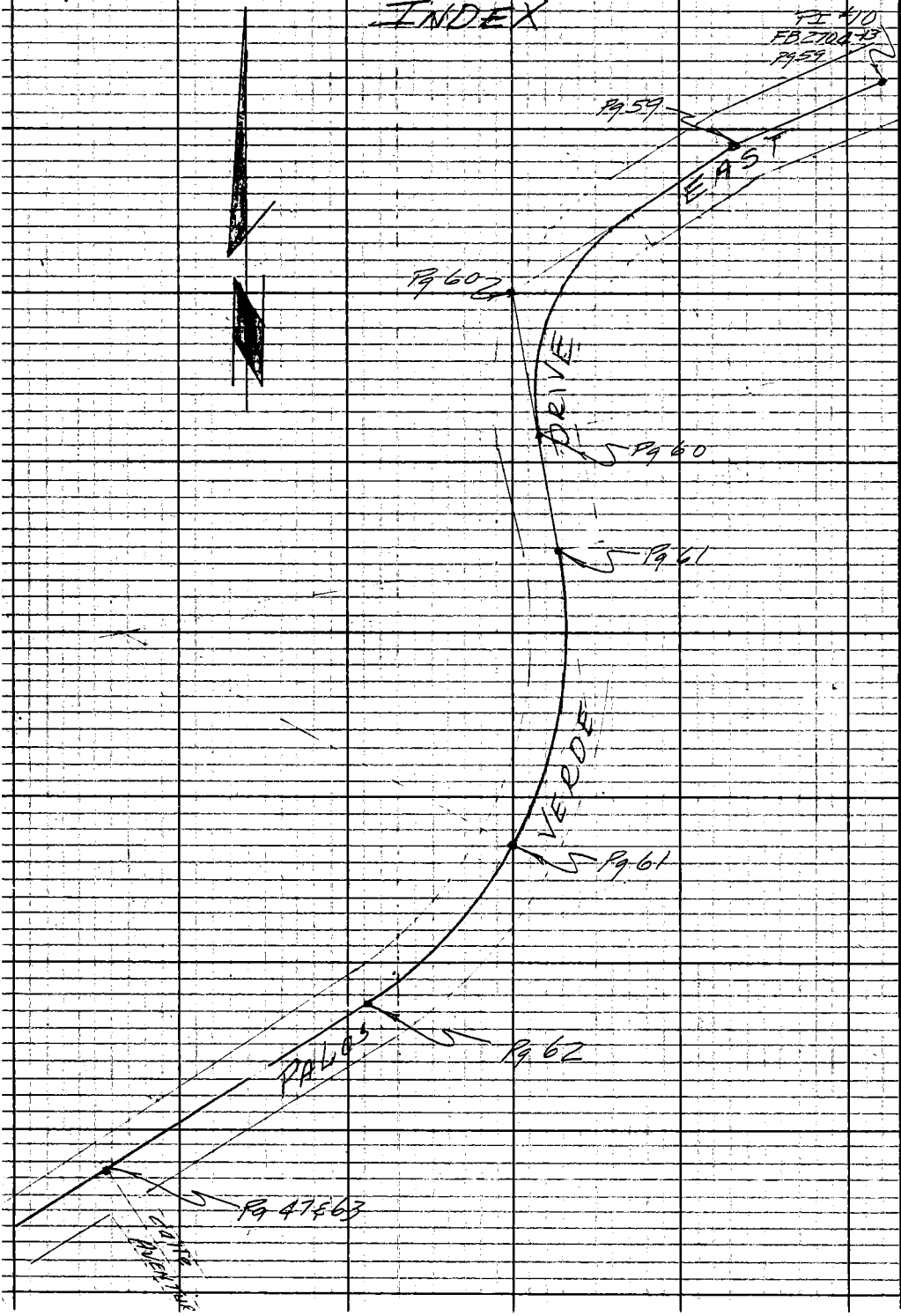
900 LOS ANGELES COUNTY ENGINEERING BLDG.

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.

763095 CE #247 7-53

F. B. 2922 Pg. 58

INDEX



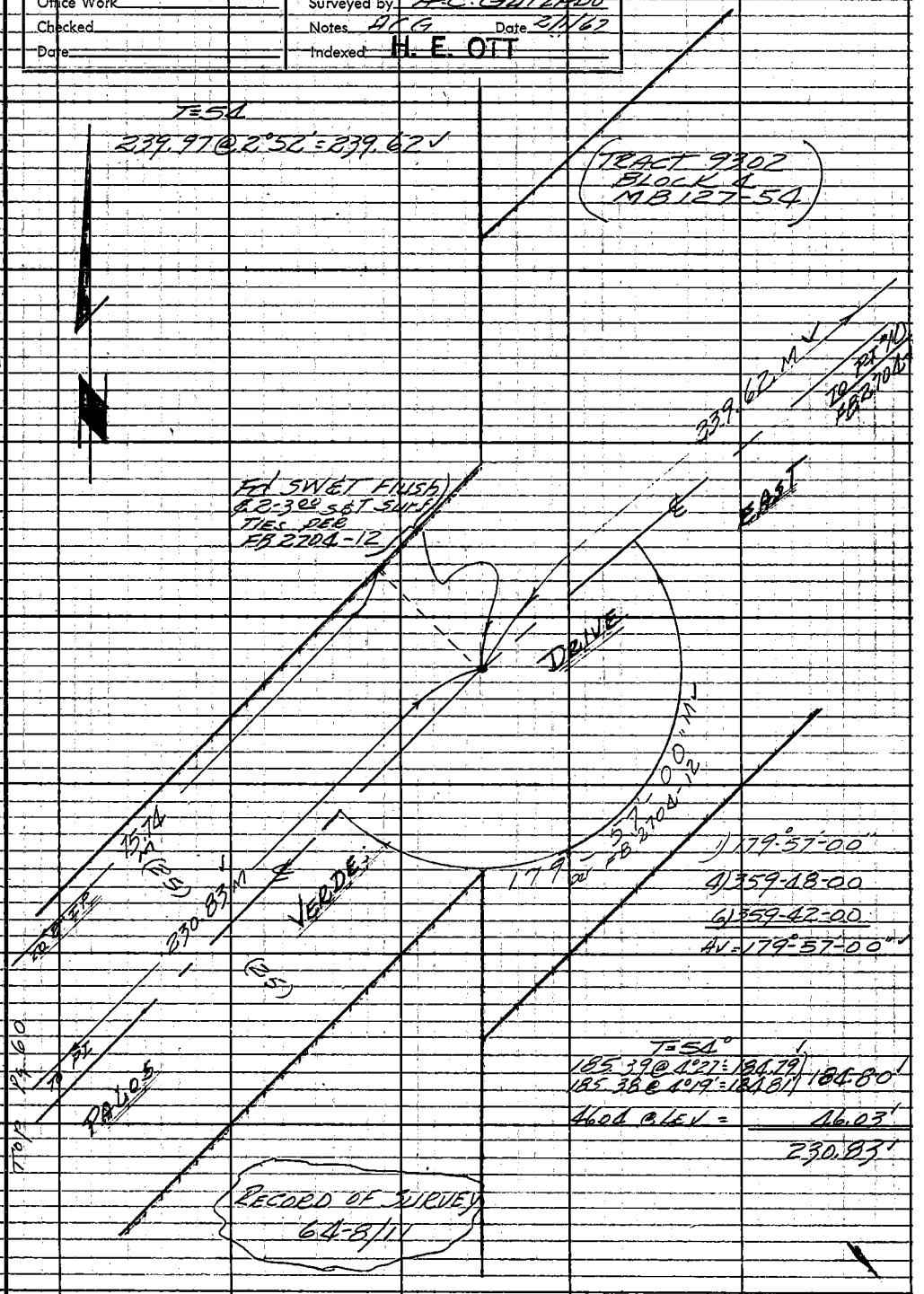
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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 CADASTRAL TIES
Map No.	IN 02.02.00 Tape 100 Std 82 oF
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 2/1/62
Date	Indexed H. E. OTT

F.B. 2922 Pg. 59



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

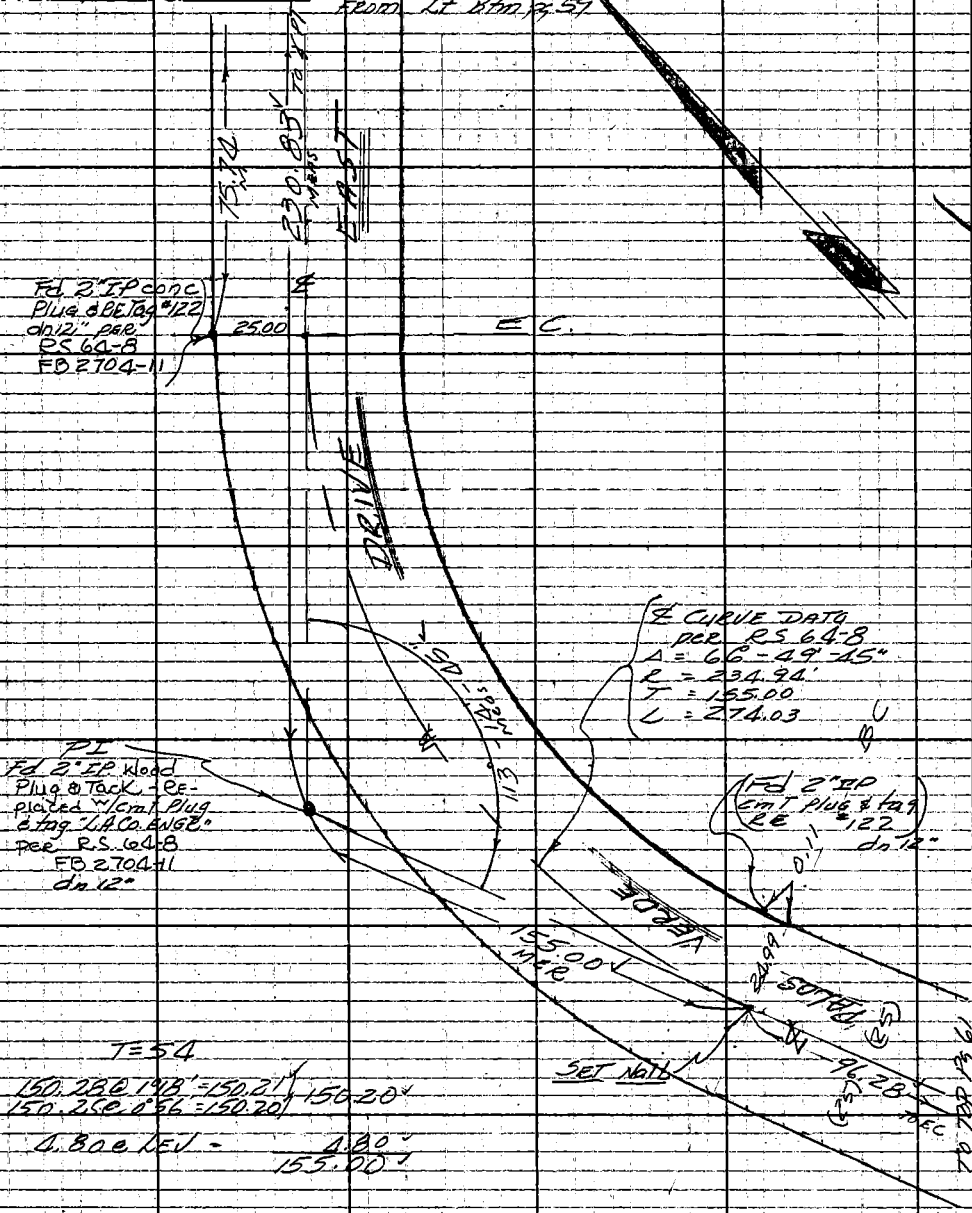
Do not extend notes this side of this line.

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

763095 CE #247 — 7-59

F.B. 2922 PG. 60

FROM Lt Btm pg 59



T=54

150.28 @ 1°18' = 150.21 ✓
150.25 @ 0°56 = 150.20 ✓ 150.20 ✓

4.80 @ LEV = 4.80 ✓
155.00 ✓

1) 113-14-30
4) 92-59-00
6) 319-28-30
113°-14'-45" ✓

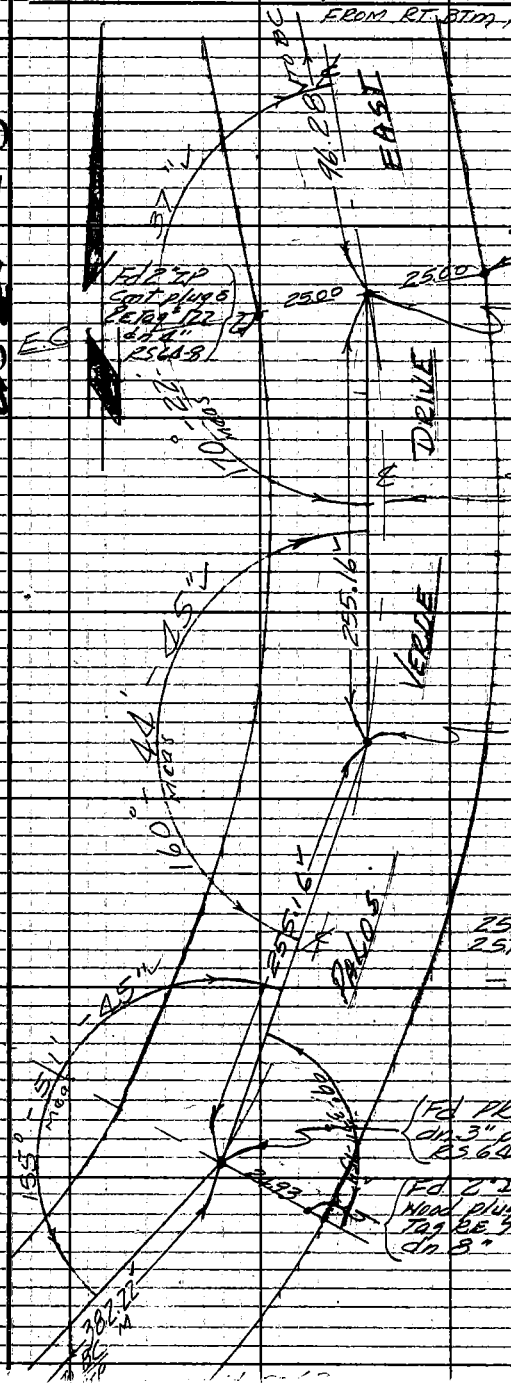
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

45 27 E.5

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	IN 020200 Tape 141 Std 84 °F
Office Work	Surveyed by AC GUIZADO
Checked	Notes ACG Date 2/13/62
Date	Indexed H. E. OTT

F. B. 2922 PG. 61

FROM RT. BTM pg 60



T=62
96.29 @ LEV = 96.28

Fd 2" IP cmt plug & RE Tag 7191 dn 8"

1) 170°-22'-30"
4) 321-30-30
6) 302-15-45
AV = 170°-22'-37½"

Fd 2" IP wood plug & spk dn 8" per RS 64-8

Fd 2" IP cmt plug & RE Tag 122 dn 4" RS 64-8

℄ CURVE Data PER RS 64-8
Δ = 38°-31'-00"
R = 763.03
L = 512.94

T=70
254.30 @ 1°52' = 254.14
254.35 @ 2°05' = 254.16
1.01 @ LEV =
254.15
1.01
255.16

SET NAIL by proportion

1) 160°-44'-30"
4) 282-59-00
6) 244-28-30
AV = 160°-44'-45"

T=70
257.50 @ 1°03' = 257.44
257.53 @ 1°18' = 257.44
257.44
− 2.28 @ LEV =
2.28
255.16

Fd PK nail & tin dn 3" per RS 64-8

Fd 2" IP wood plug & Tag RE 7191 dn 8"

1) 155-51-30
4) 263-27-00
6) 215-10-30
AV = 155°-51'-45"

1) 99°-37'-00"
2) 199-14-30
AV = 99°-37'-15"
199?

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

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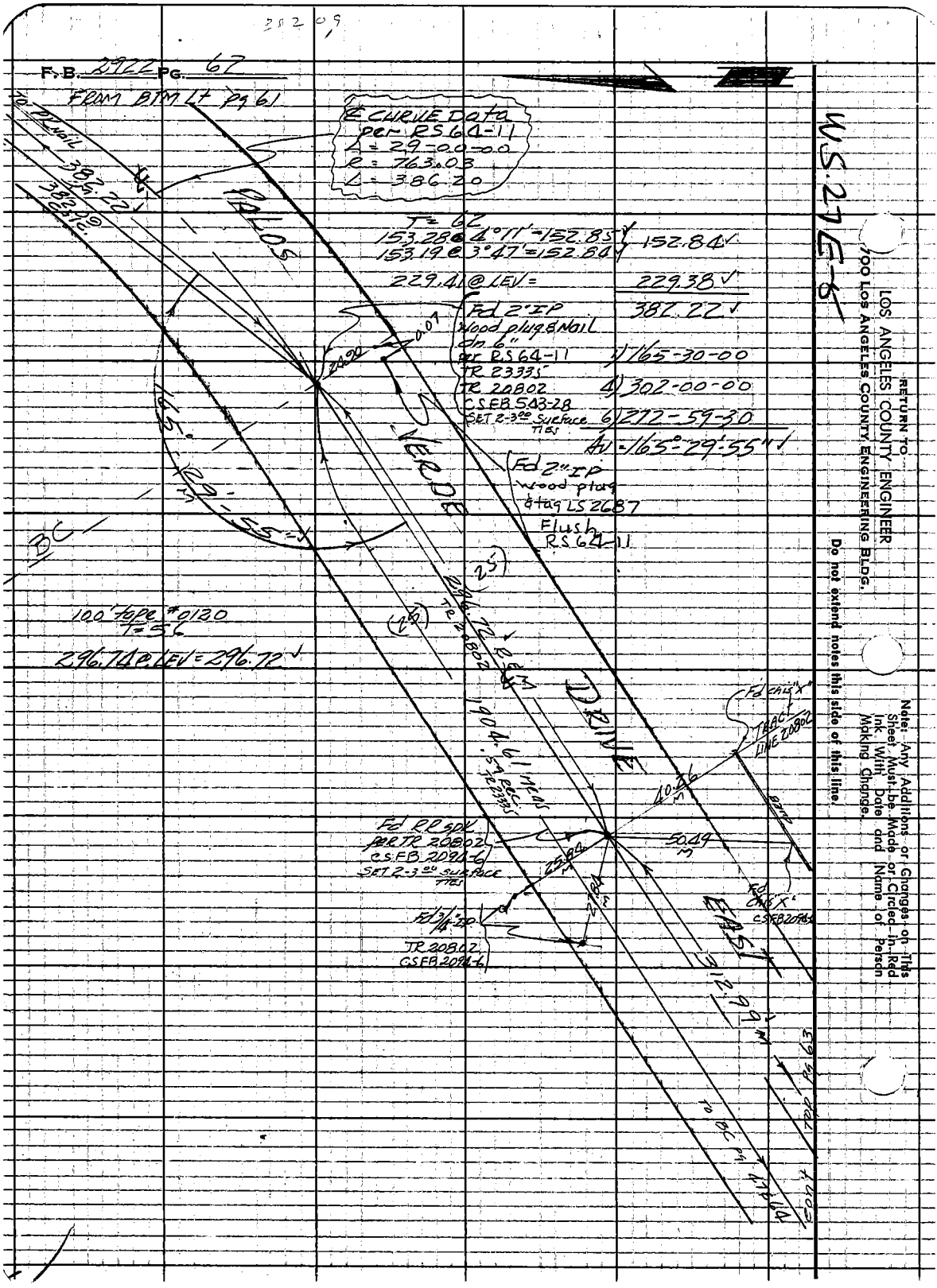
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG

763095 CE #247 7-53



W.S. 27E-5

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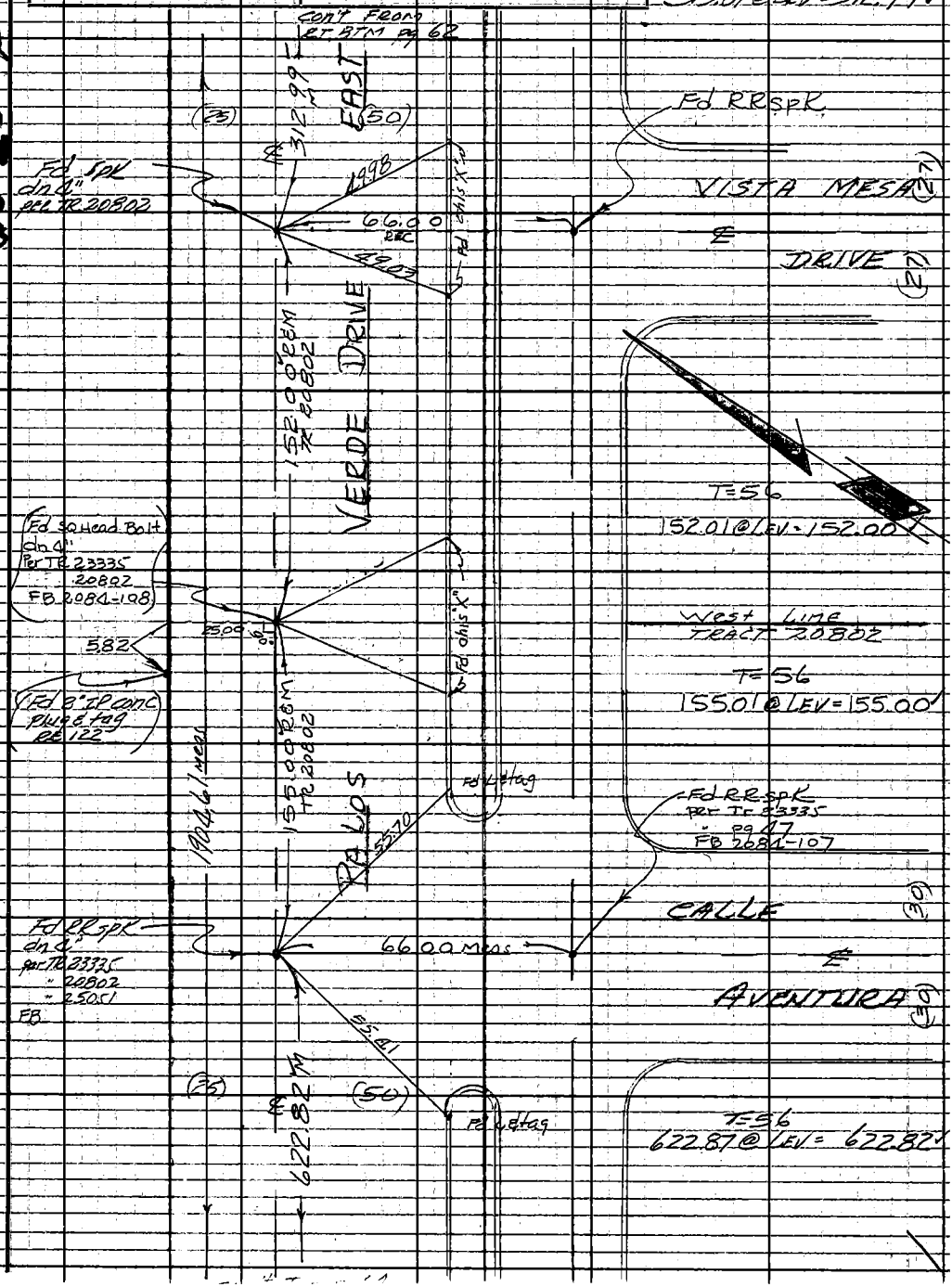
Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.0A Tape 0120 Std 68 OF
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 2/16/62
Date	Indexed H. E. OTT

F. B. 2922 PG. 63

T=56°
313.01 @ LEV = 312.99



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RETURN TO
LOS ANGELES COUNTY ENGINEER
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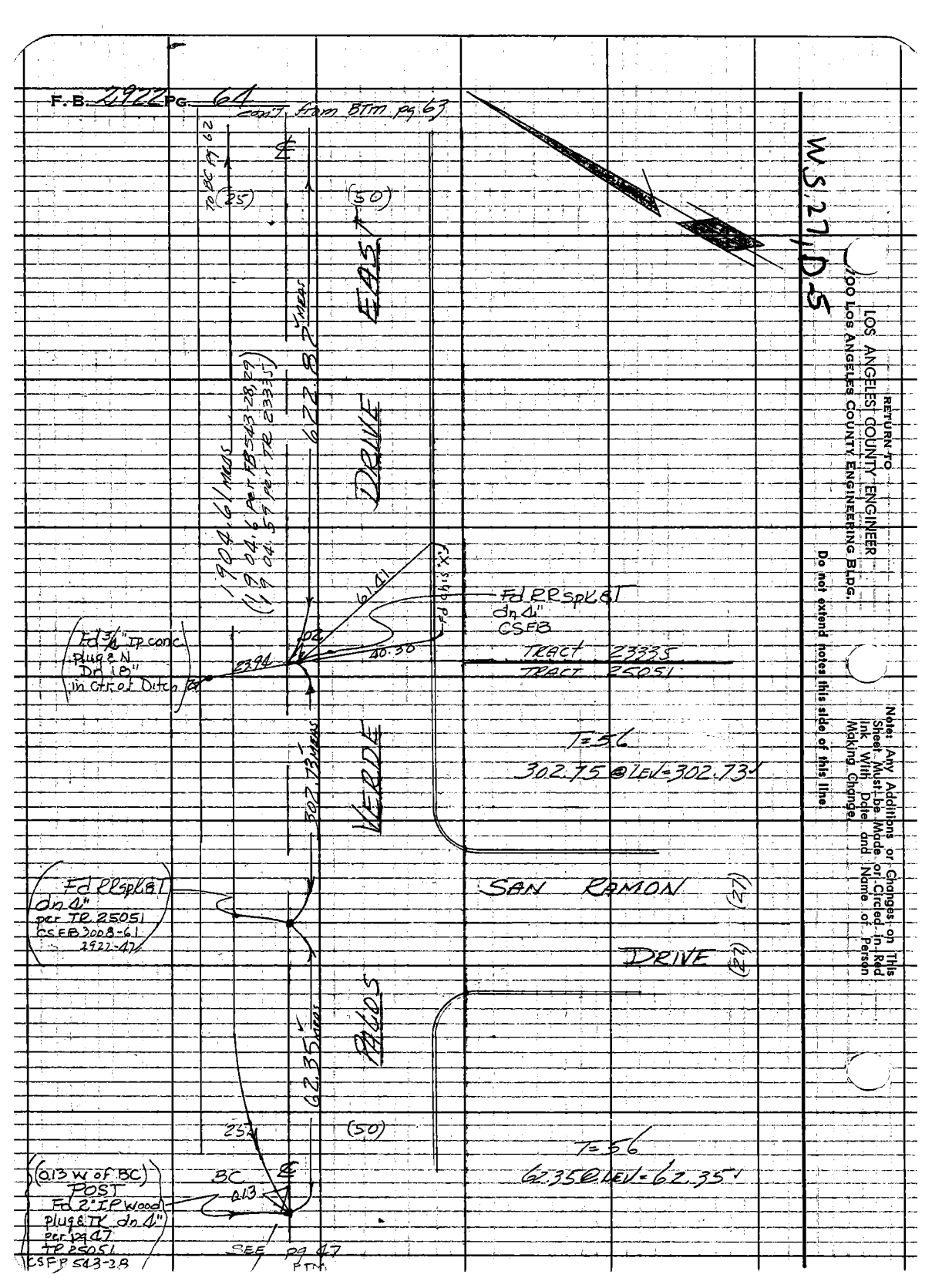
763095 CE #247 7-58

F.B. 2922 Pg. 64 cont'd from BTM pg. 63



Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes S.E.D. Date 2-15-61
Date	Indexed H. E. OTT MAR 2 4 '62

F.B. 2922 PG. 65

GEODETIC CONTROL

JOB NO 0301.00

CADASTRAL TIE, TRIANGULATION STATION TORRANCE J-12 TO ℄ PACIFIC COAST Hwy

DREIER
MOODY
J. LYBRAND
C. VALDEZ
A. WORKMAN

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RETURN TO
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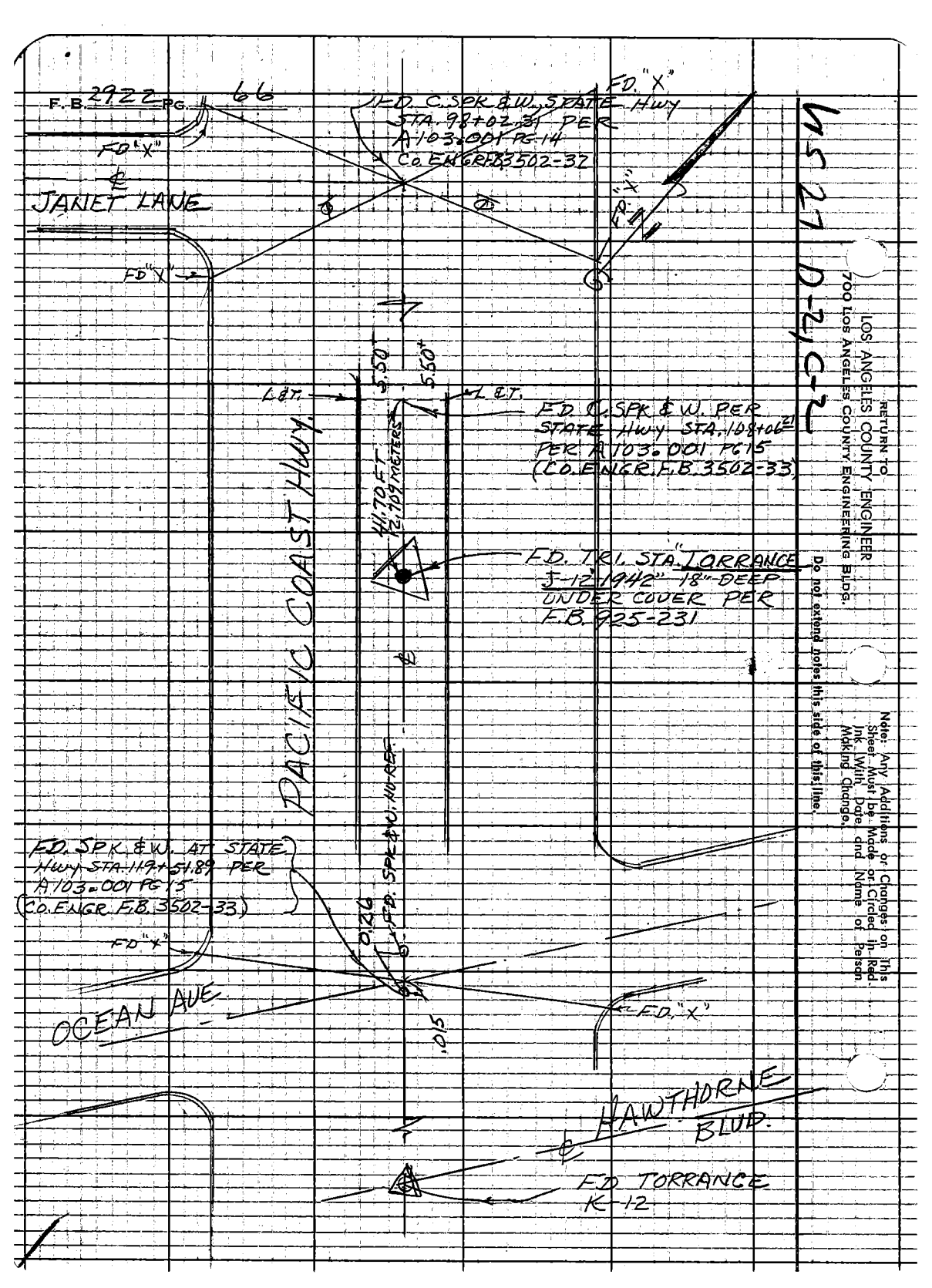
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

RETURN TO

LS 27 D-21 C-2

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 Geodetic Control
Map No.	JN 0301.00 Tape 120 Std 68 °F
Office Work	Surveyed by A C Guizado
Checked	Notes ACG Date 3/6/62
Date	Indexed H. E. OT

F. B. 2922 PG. 67

JOB NO 0301.00

GEODETIC CONTROL

℄ OF CROWNVIEW DR, CORSINI PL

& PALOS VERDE DR EAST FROM

SAN PEDRO HILLS M-7, N-7, L-7 ECC 4

REF
FB2714
City of LA FB10639-81

Guizado
Smith
MYERS
GLIDDEN
LYBRAND

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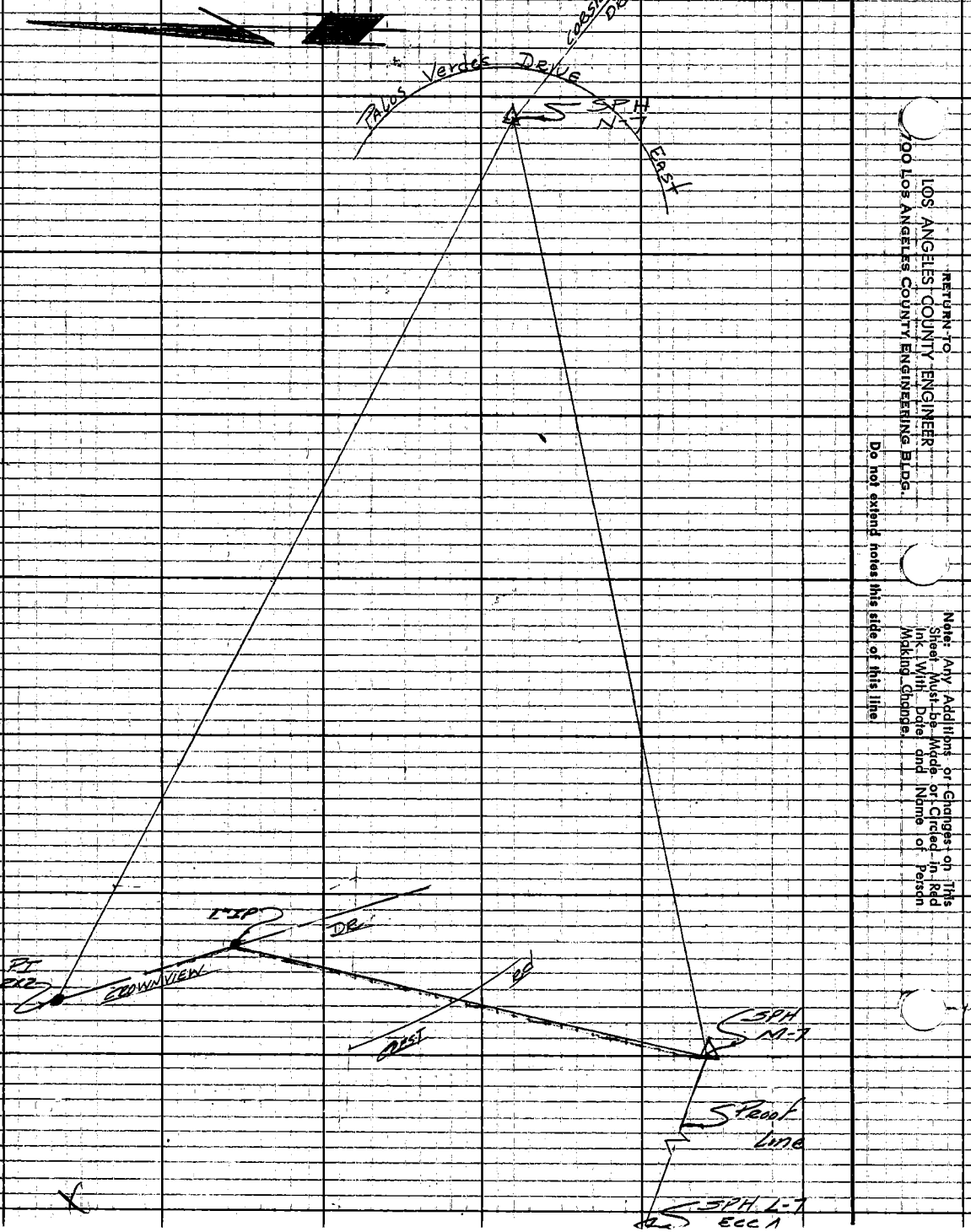
RETURN TO
LOS ANGELES COUNTY ENGINEER
00 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247 7-59

F.B. 2922 PG. 66

INDEX & METHOD SKETCH



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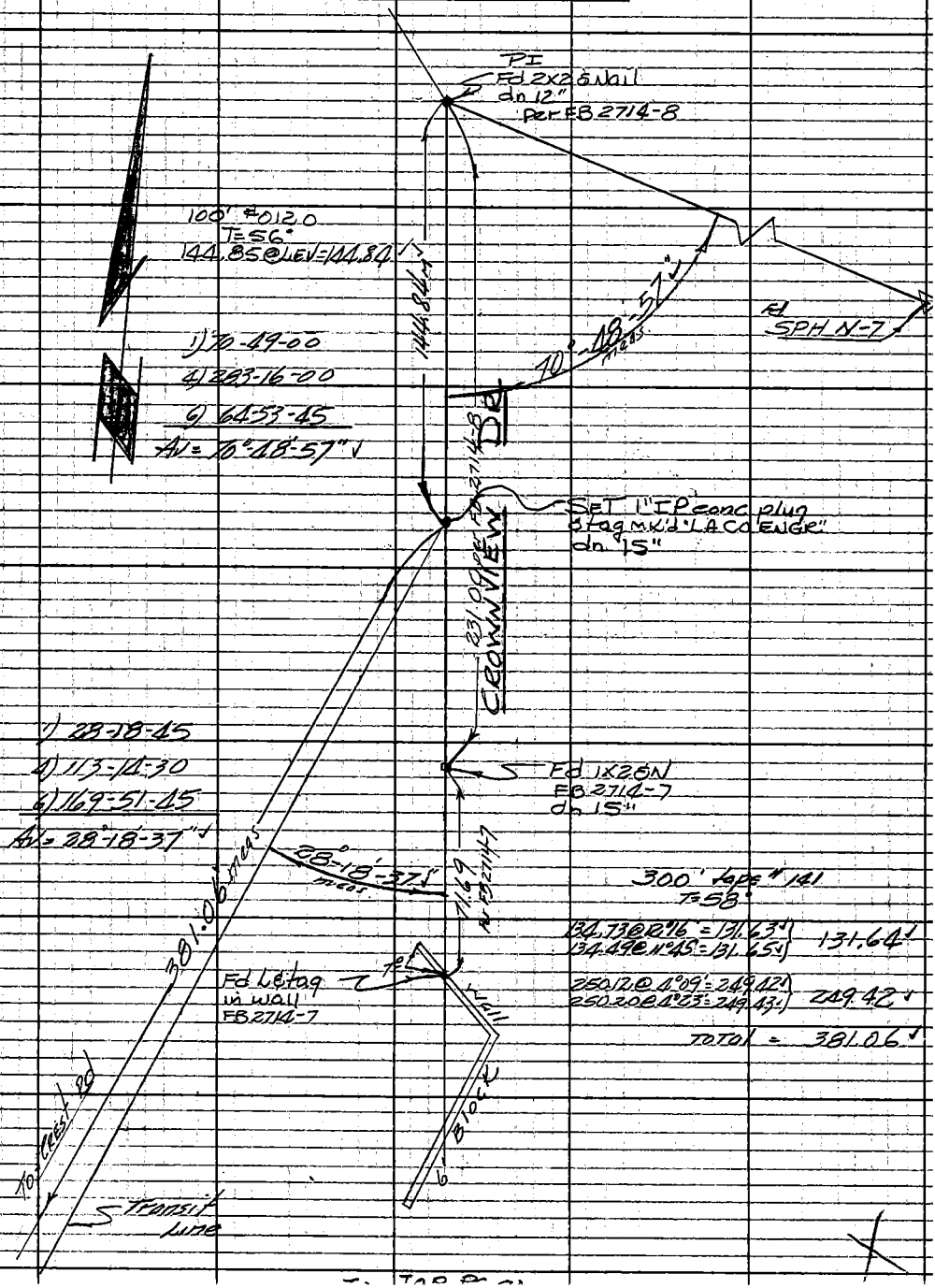
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of Geodetic Control	F.B. 2922 PG. 69
Map No.	JN 0301.00 Tape 120 Std 68 °F	
Office Work	Surveyed by A.C. Guizado	
Checked	Notes AEG Date 3/5/62	
Date	Indexed H. E. OTT	



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RETURN TO
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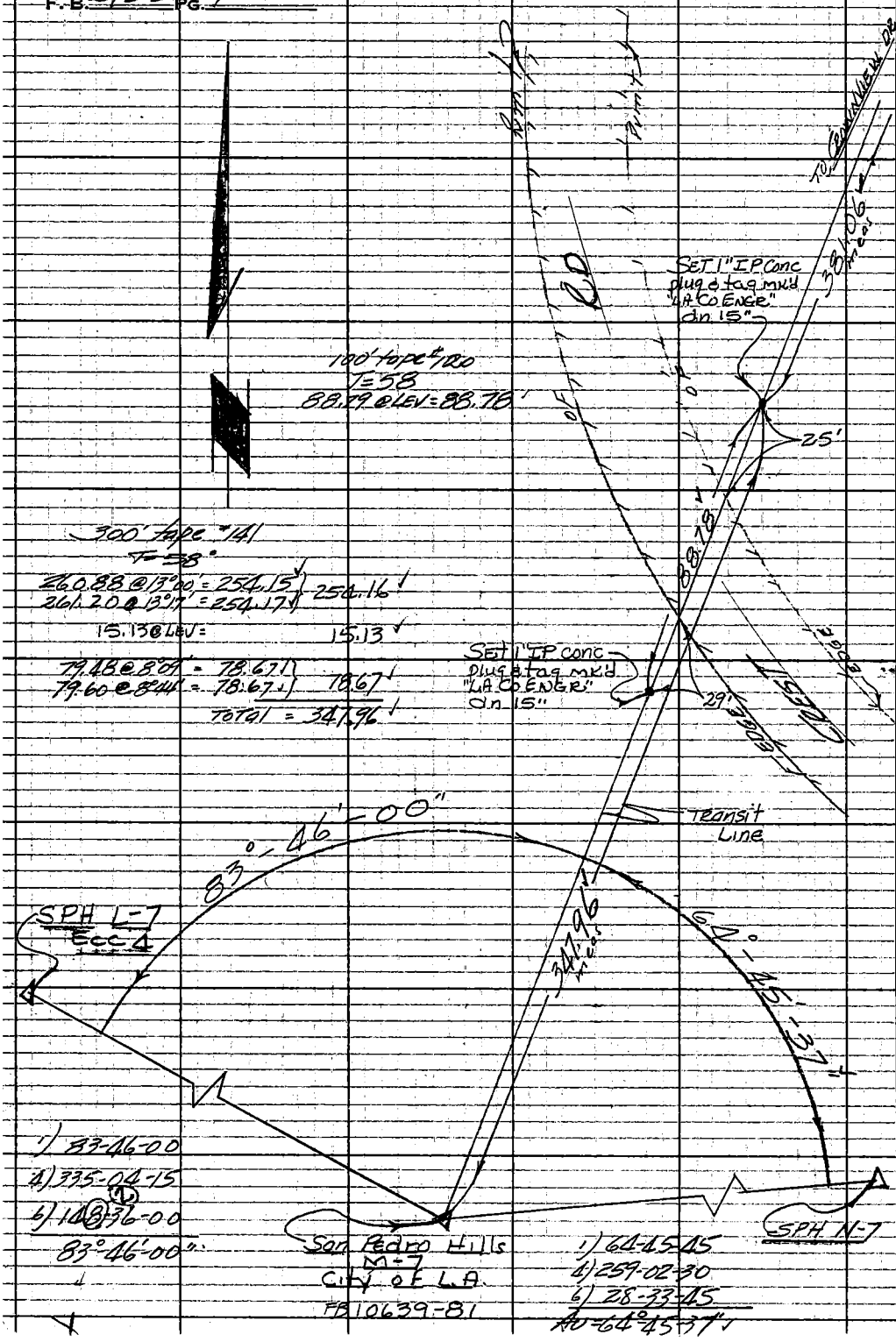
763095 CE #247 7-58

F.B. 2922 PG. 70

FROM BOT. PG 69



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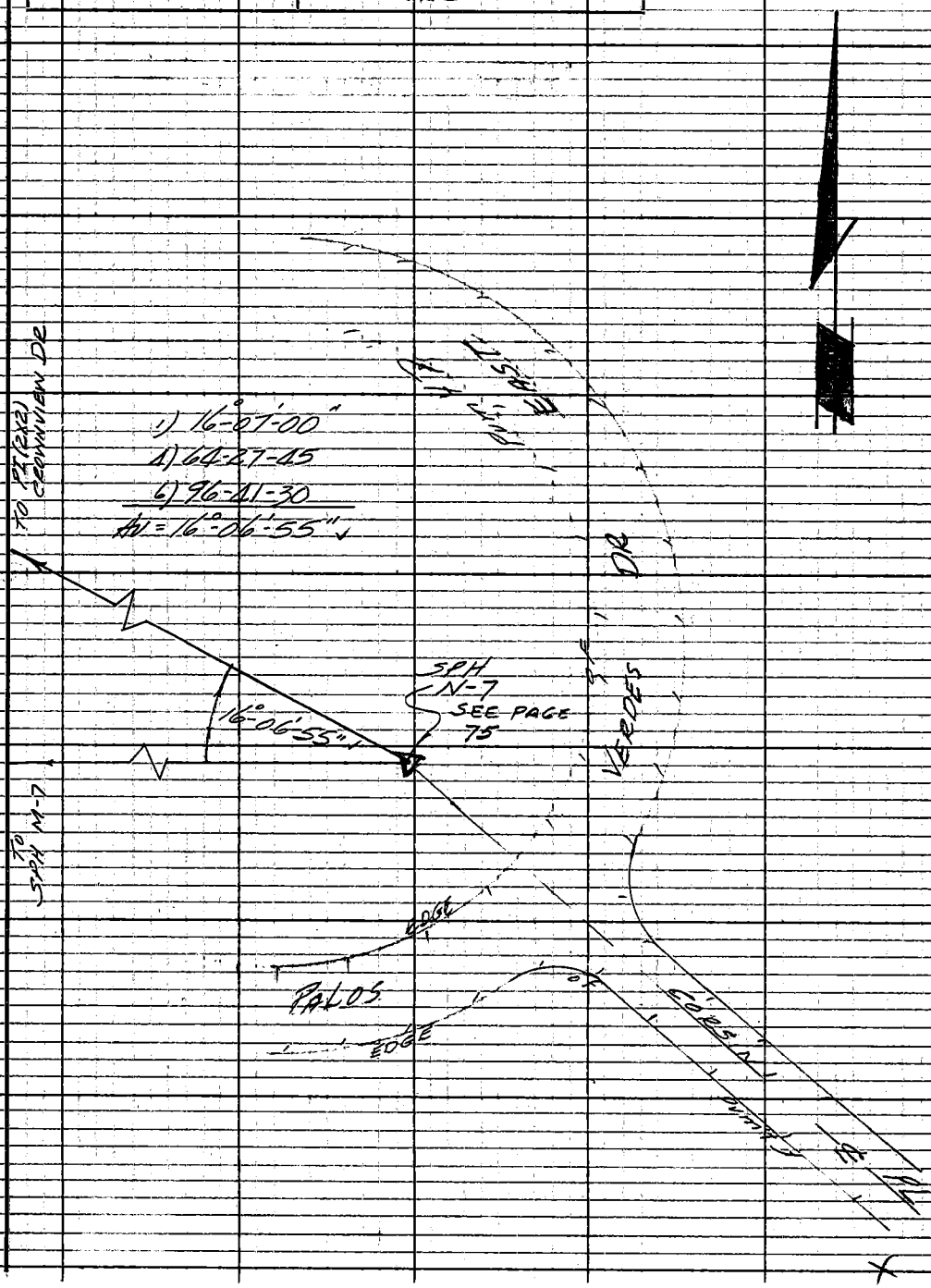
Notes Ck'd by	Survey of GEODETIC Control	F.B. 2922 Pg. 71
Map No.	JN 0301.00 Tape #0120 Std 68 of	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 3/7/62	
Date	Indexed H.E. OT	



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RETURN TO
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763095 CE #247 7-53

F.B. 2922 PG. 72

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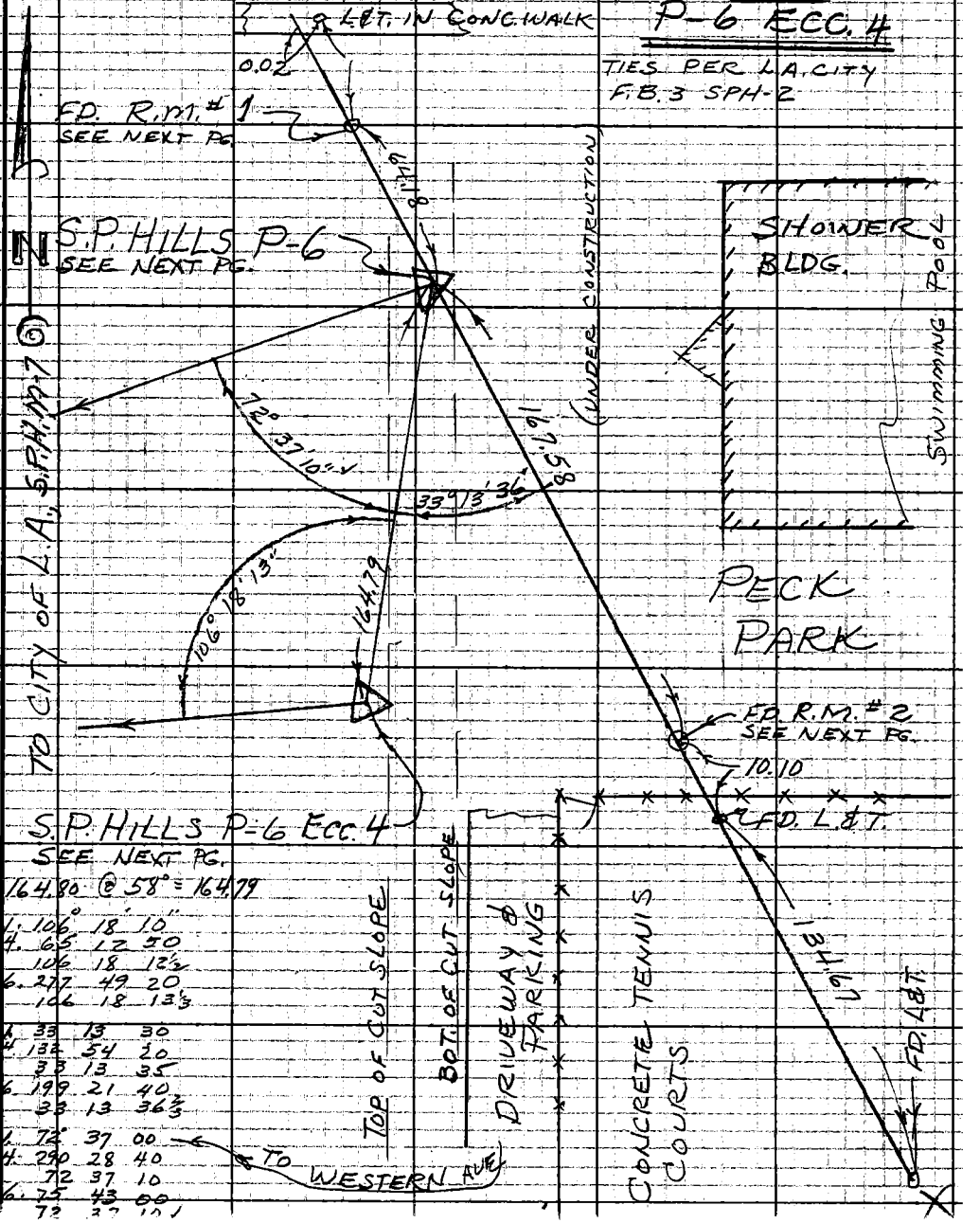
Notes Ck'd by	Survey of GEODETIC CONTROL	F.B. 2922 PG. 73
Map No.	JN 0301.00 Tape 0130 Std 68° °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes G.E.D. Date 2-16-62	
Date	Indexed H. E. OTT MAR 24 '62	

L.A. CO. SURVEY CONTROL SYSTEM TRIANGULATION STATION SAN PEDRO HILLS P-6 AND P-6 ECC. 4

TIES PER L.A. CITY F.B. 3 SPH-2



164.80 @ 58° = 164.79

1.	106°	18'	10"
4.	65	12	50
	106	18	12½
6.	277	49	20
	106	18	13⅓
1.	33	13	30
4.	132	54	20
	33	13	35
6.	199	21	40
	33	13	36⅔
1.	72°	37	00
4.	290	28	40
	72	37	10
6.	75	43	00
	72	37	10

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763099 CE #247—7-53

F.B. 2922 PG. 74

DESCRIPTIONS

SAN PEDRO HILLS P-6 & ECC.4

THIS STATION IS IN LOS ANGELES CO., SAN PEDRO AREA, IN THE N.W. COR. OF PECK PARK, IN FRONT OF SERVICE BLDG. FOR SWIMMING POOL. CAN BE REACHED FROM WESTERN AVE AND CRESTWOOD ST BY GOING E'LY ON PARK SERVICE ROAD .01 TO STATIONS

STATION MARK F.D. ORIGINAL SUB SURFACE MARK (L.ET. IN CONC.) ON CUT SLOPE 6" DEEP
REPLACED WITH A STD. TRI. MON. STAMPED "SAN PEDRO HILLS P-6 RESET 1962 L.A.CO. ENGR. R.E. 5869". 6" DEEP

S.P.HILLS P-6 ECC.4

STATION MARK SET A STD. REF. MON. STAMPED "SAN PEDRO HILLS P-6 ECC.4 1962 L.A.CO. ENGR. R.E. 5869" FLUSH

R.M. NO.1 F.D. CITY OF L.A. REF. MON. STAMPED "#1 1961" 18 INCHES DEEP

R.M. NO.2 F.D. CITY OF L.A. REF MON. STAMPED "#2 1961" 24" DEEP

X

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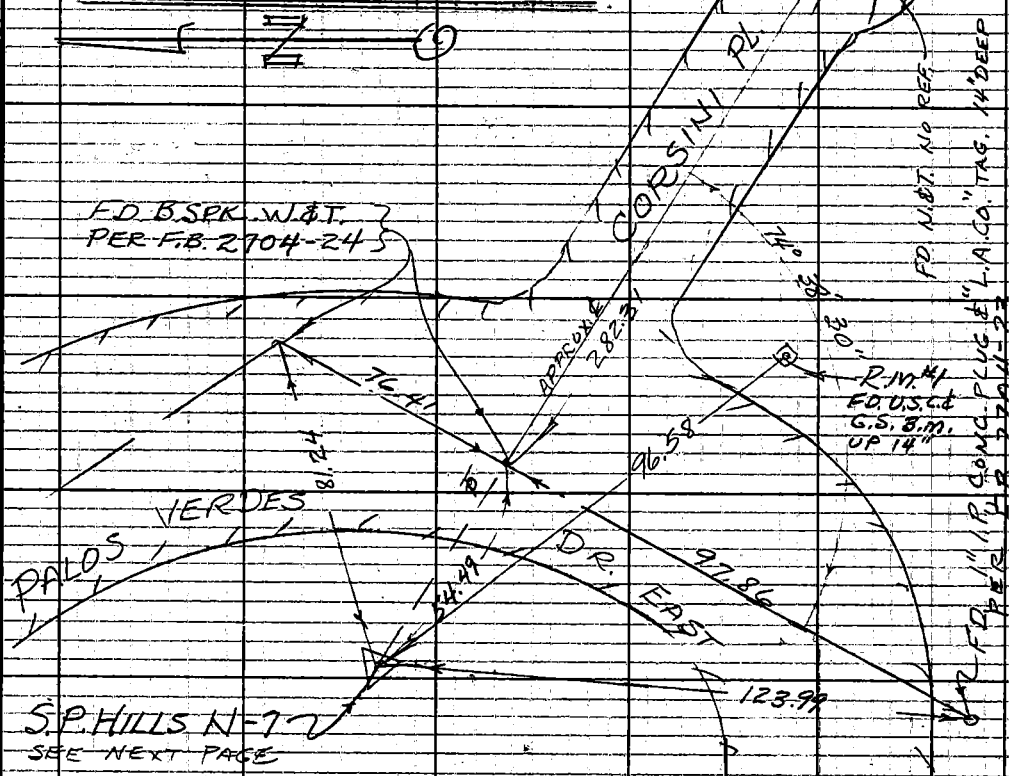
Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2922 PG. 75
Map No.	JN 0301.00 Tape 0130 Std 68 °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes G.E.D Date 2-14-62	
Date	Indexed H. E. OTT MAR 24 '62	

L.A.CO. SURVEY CONTROL SYSTEM TRIANGULATION STATION

SAN PEDRO HILLS N-7



S.P. HILLS N-7

SEE NEXT PAGE

96.59 @ 58° = 96.58

282.33 @ 58° = 282.31

83.51 @ 58° = 83.50 @ 13° 21' = 81.24 ① 74° 38' 20"

83.31 @ " = 83.30 @ 12° 44' = 81.25 ④ 298° 34' 00"

74° 38' 30"

56.17 @ 58° F. = 56.17 @ 14° 01' = 54.50

56.39 @ 58° = 56.39 @ 14° 55' = 54.49 ⑥ 87° 51' 00"

74 38 30

100.00 @ 56° = 99.99 @ 5° 36' = 99.51

99.93 " = 99.92 @ 5° 04' = 99.53

100.16 " = 100.10 @ 6° 08' = 99.53

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

76309S CE #247 7-59

F.B. 2922 PG. 76

DESCRIPTION

SAN PEDRO HILLS N-7

THIS STATION IS IN LOS ANGELES CO., SAN PEDRO HILLS AREA, ON WESTLY SIDE PALOS VERDES DR. EAST AT THE INTERSECTION OF CORSINI PL., ABOUT 8 FT WLY OF THE TOP OF A CUT BANK ABOUT 12 FT HIGHER THAN THE PAVEMENT ABOUT 58 FT WLY FROM CENTER OF PAV.

STATION MARK: SET A STD. TRI. STA. MON. STAMPED "S.P. HILLS (M)-7 1962 L.A. CO. ENGR R.E. 5869" UP 4 INCHES

R.M. NO. 1 FOUND U.S.C.&C.S. B.M. DISC IN 12" CONC. POST UP 14 INCHES

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 1962
Date	Indexed H. E. OTT MAY 21 '62

F.B. 2922 Pg. 77

TRAVERSE LINE AND CADASTRAL TIES

HAWTHORNE BLVD. AND CREST RD

TO TRIANGULATION STATIONS

SAN PEDRO HILLS F-6 (VERDE)

" " " G-6

" " " G-5

" " " I-6

GEODETIC CONTROL
JOB NO. 0301.00

G.E. DREIER
J.A MOODY
N. SMITH H.C.
C. VALDEZ H.C.
R.R. RODRIGUEZ H.C.
A. WORKMAN R.C.
D. LE GAULT

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RETURN TO
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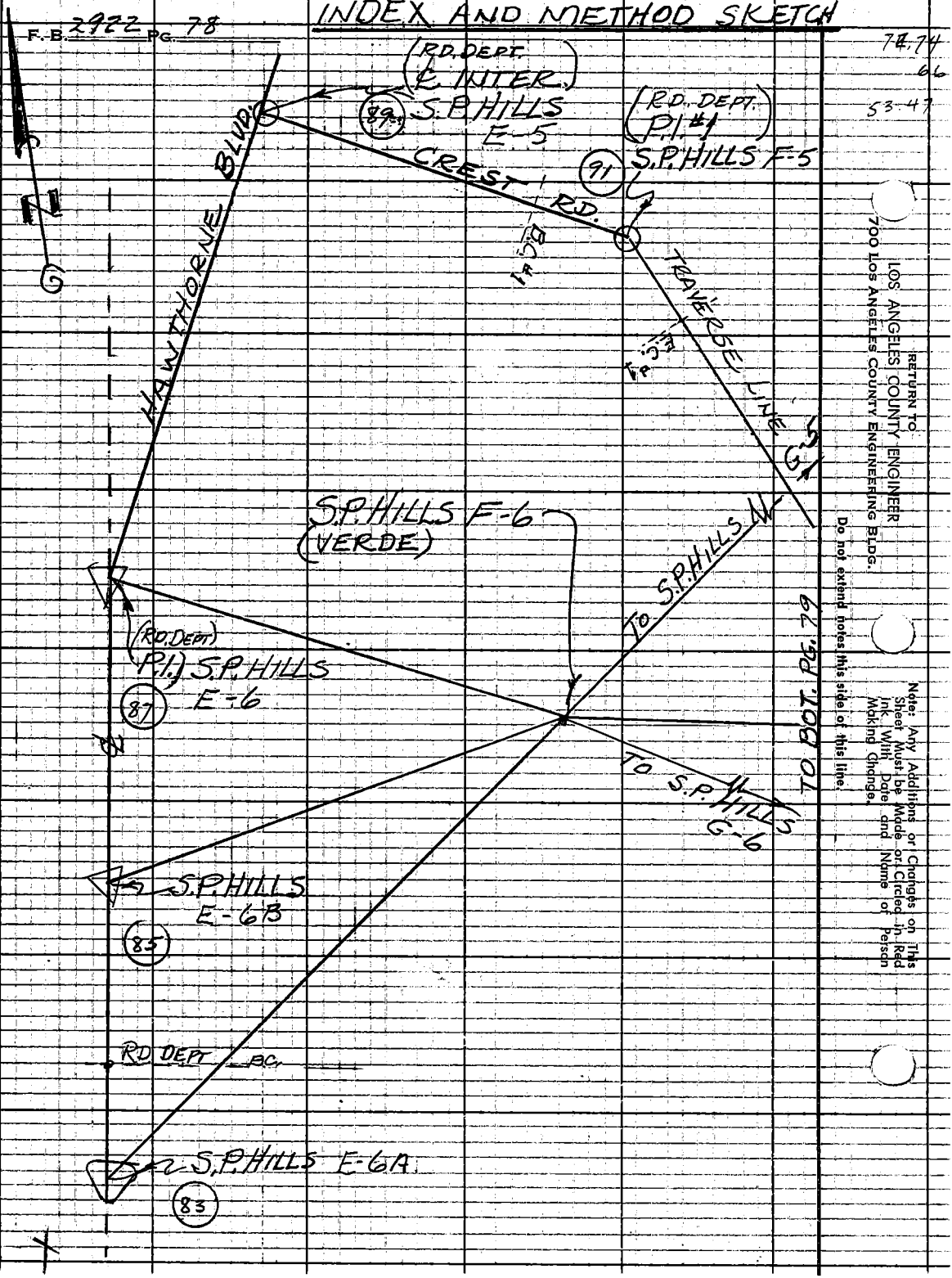
900 Los Angeles County Engineering Bldg.

76309S CE #247—7-55

INDEX AND METHOD SKETCH

F.B. 2922 PG. 78

74, 74
66
53-47



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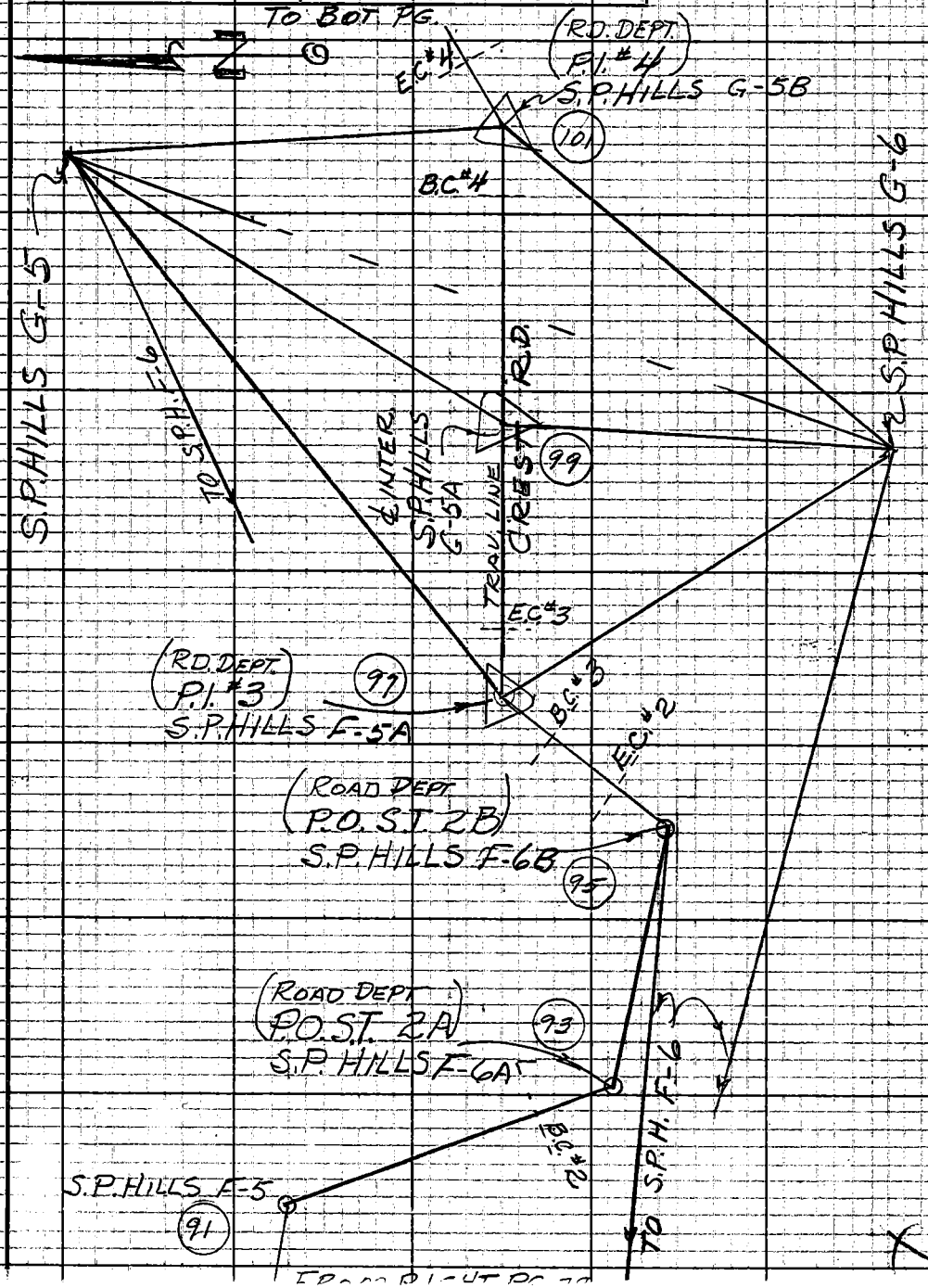
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G. & D. Date 5-10-62
Date	Indexed H. E. OTT

F. B. 2922 Pg. 79

INDEX AND METHOD CONT.



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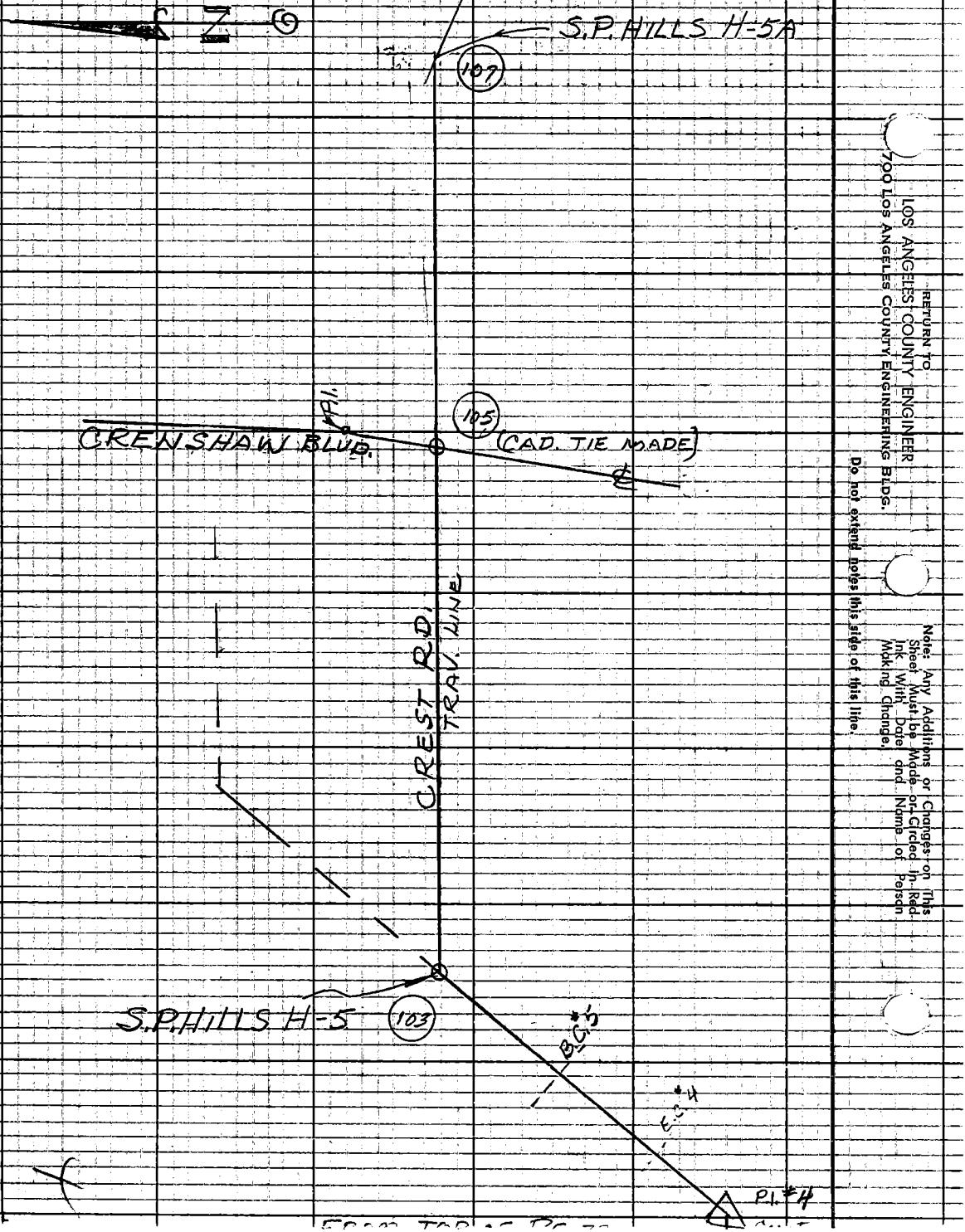
765098 CE #247—7-55

F. B. 2922 PG. 80

INDEX & METHOD SKETCH CONT.

To Bottom Page 81



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

Survey of GEODETIC CONTROL F. B. 2922 PG. 81
JN 0307.00 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E.D. Date 5-10-62
Indexed H. E. OTT

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

S.P. HILLS J-5

116

CREST ROAD

TO S.P. HILLS I-6 PER F.B.

PER F.B. 510

115
111

S.P. HILLS I-5A
(SEE ORIG. CARD & F.B. FOR S.P.H.E-6)

CREST ROAD
TRAVERSE LINE

109
114

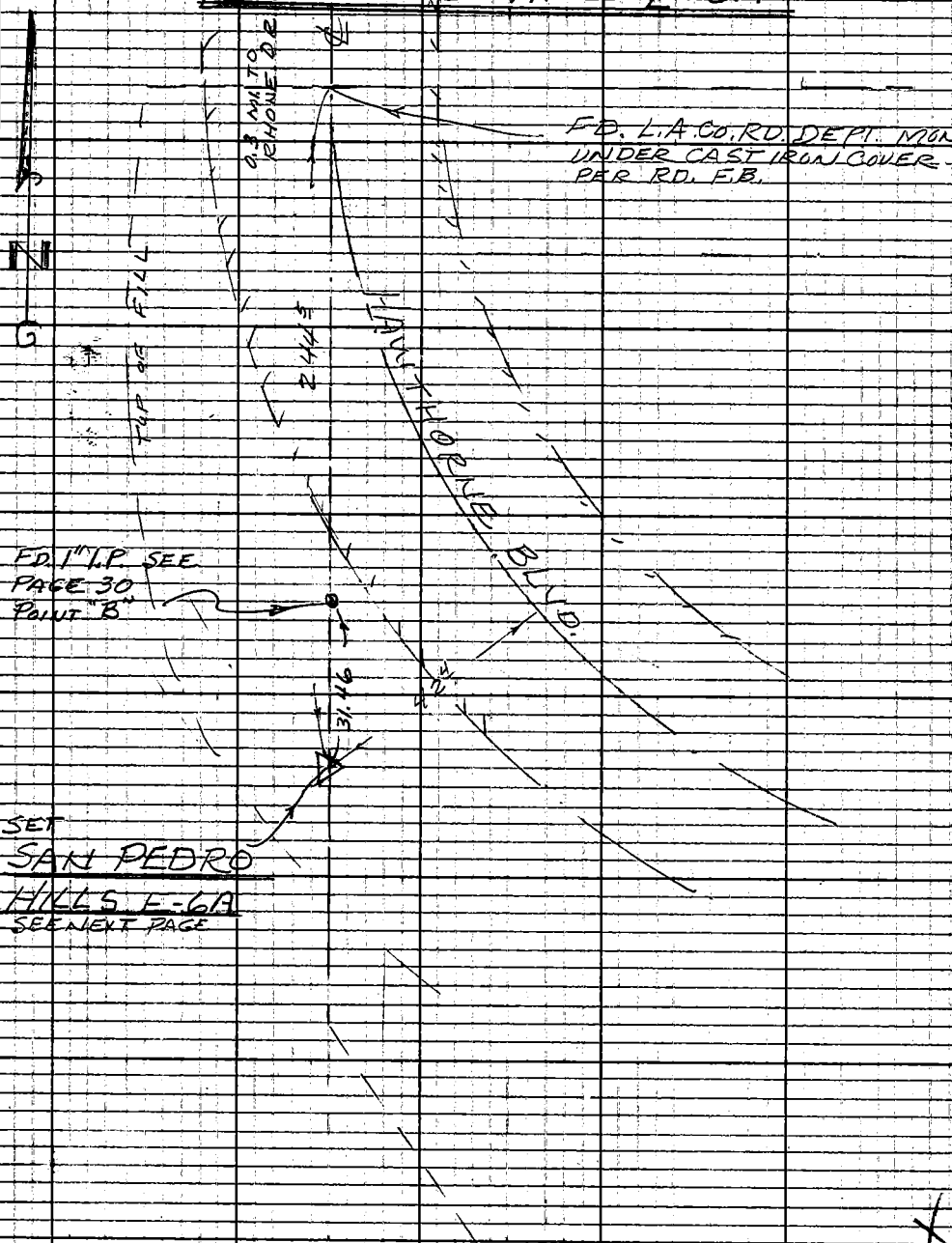
S.P. HILLS I-5

76F309S CE # 310 8-61

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	IN 0301.00 Tape 0136 Std 68 °F.
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 3-12-62
Date	Indexed H. E. OTT

F.B. 2922 PG. 83

L.A.CO. SURVEY CONTROL SYSTEM TRIANGULATION STATION SAN PEDRO HILLS E-6A



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900 LOS ANGELES COUNTY ENGINEERING BLDG.

768098 CE #247 7-59

F.B. 2922 PG. 84

DESCRIPTION
TRIANGULATION STA.

SAN PEDRO HILLS E-6A

THIS STATION IS IN LOS ANGELES CO, PALOS VERDES AREA, ON WESTERLY SHOULDER OF HAWTHORNE BLVD, 0.3 M.I. S. OF RHONE DR. 244.5 FT. SLy FROM A RD DEPT MON. & CAST IRON COVER AT B.C.

STATION MARK: FOUND 1" I.P. CONC. PLUG AND NAIL ON SEMI-TAN. PER ~~RD.~~ F.B. 3014 & TR. 25313 SET STD. TRIANGULATION MON. STAMPED "SAN PEDRO HILLS E-6A 1962 L.A. CO. ENGR. R.E. 5869" 18" DEEP. RESET 1" I.P. ON SURFACE IN ORIGINAL POSITION

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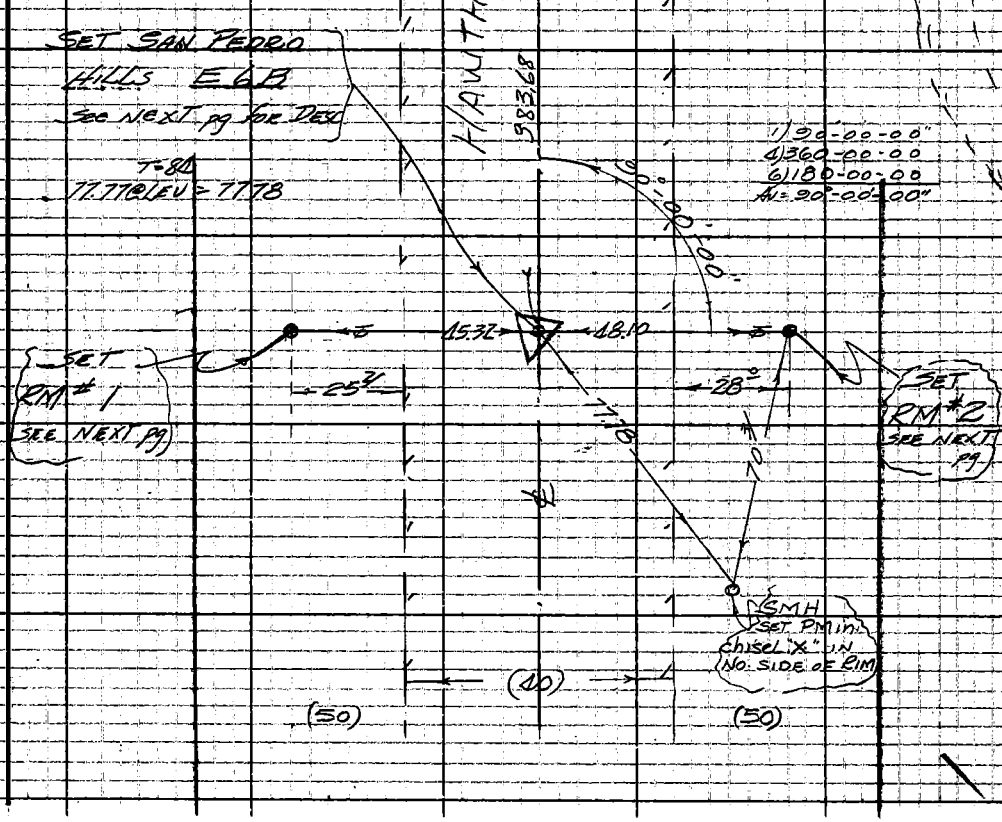
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 080100 Tape 0120 Std 68° °F
Office Work	Surveyed by C.E. DREIER
Checked	Notes G.E.D Date 3-12-62
Date	Indexed H.E. OTT

F.B. 2922 Pg. 85

L.A.Co. SURVEY CONTROL SYSTEM TRIANGULATION

STATION SAN PEDRO HILLS E-6B

383.70 @ 62° = 383.68



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763096 CE #247—7-55

F.B. 2922 PG. 86 ±

DESCRIPTION
TRIANGULATION STATION
SAN PEDRO HILLS E-6B

THIS STATION IS IN LOS ANGELES CO., PALOS VERDES AREA, ON THE ℄ OF HAWTHORNE BLVD. 383.7 FT. SOUTH OF THE ℄ INTERSECTION OF RHONE ~~AVE.~~ DRIVE.

STATION MARK - SET A STD. TRI. STATION MON. STAMPED "SAN PEDRO HILLS E-6 (A) (B) ?
1962 L.A. CO. ENGR. RE 5869" 8" DEEP UNDER CAST IRON COVER

REFERENCE MARK NO. 1 SET A STD. 1" BRASS REF. CAP & IRON PIPE IN CONC., 12" BELOW TOP OF GROUND AND STAMPED "SAN PEDRO HILLS E 6B, RM 1 1962 L.A. CO. ENGR. RE 5869"

REFERENCE MARK NO 2 SET SAME AS #1 EXCEPT STAMPED "RM 2"

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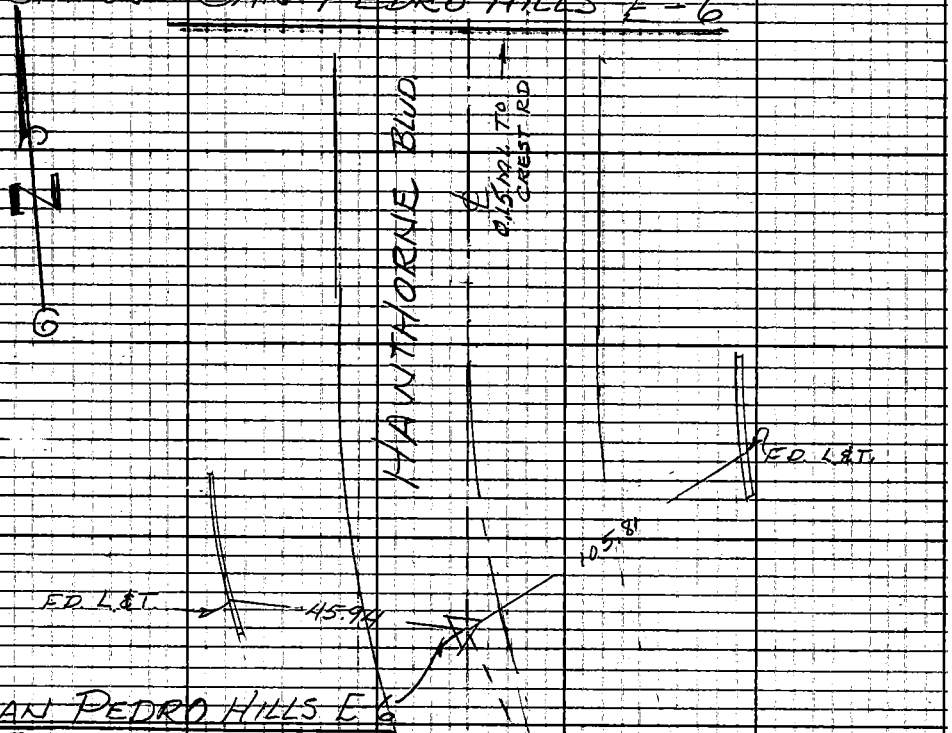
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	IN 030100 Tape 0130 Std 68 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 3-12-62
Date	Indexed H.E.O.T.

F.B. 2922 Pg. 87

L.A. Co. SURVEY CONTROL SYSTEM TRIANGULATION

STATION SAN PEDRO HILLS E-6



SEE NEXT PAGE FOR DESC

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763096 CE #247 7-55

F.B. 2922 PG. 88

DESCRIPTION

TRIANGULATION STATION

SAN PEDRO HILLS E-6

THIS STATION IS IN LOS ANGELES CO, PALOS VERDES AREA ON HAWTHORNE BLVD. 603.5 FT S'LY FROM ℄ INTER OF CREST ROAD

STATION MARK: FOUND A STD. ROAD DEPT MON. 7 INCHES DEEP UNDER CAST IRON COVER ON ℄ P.I. PER RD. F.B. 267-87A

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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 GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std oF
Office Work	Surveyed by G.E. DREIER
Checked	Notes MOODY Date 3-12-62
Date	Indexed H. E. OTT

F.B. 2922 PG. 89

L.A. CO. SURVEY CONTROL SYSTEM

TRAVERSE STATION SAN PEDRO HILLS E-5

WS 27 B-4

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

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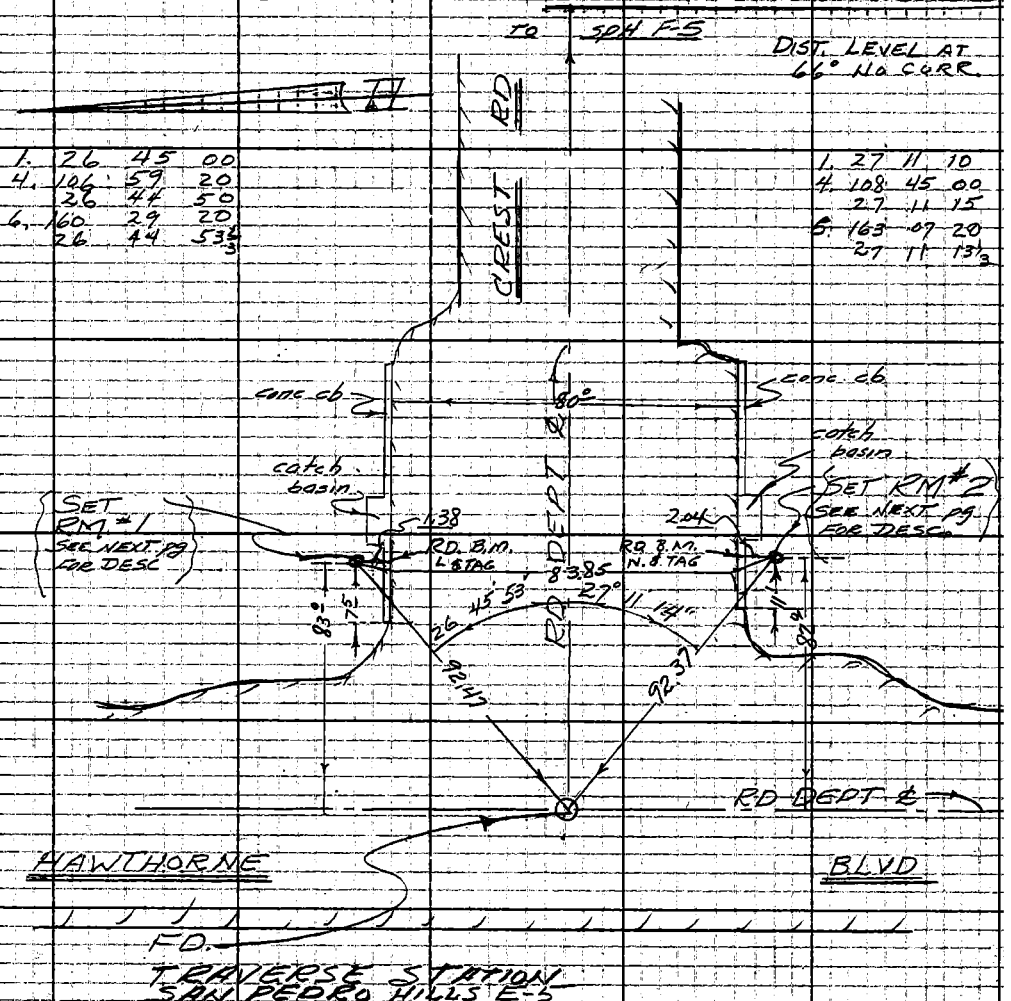
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 Los Angeles County Engineering Bldg.

763095 CE #247—7-59



F.B. 2922 PG. 90

~ DESCRIPTIONS ~

TRAVERSE STATION
SAN PEDRO HILLS
E-5

THIS STATION IS IN THE PALOS VERDES AREA. LOS ANGELES COUNTY, AT THE ℄ INTER. OF HAWTHORNE BLVD AND CREST RD.

STATION MARK FD A RD DEPT. MON. W/C&C PER RD FB 267-87A

REFERANCE MARK 1: SET A STD 4" BRASS REF CAP & IRON PIPE IN CONC STAMPED "RM #1 SAN PEDRO HILLS E-5 LA CO ENGR. RE 5869, 1962" DOWN 10" BELOW TOP OF CONCRETE CURB

REFERENCE MARK 2: SET SAME AS RM #1 EXCEPT STAMPED "RM 2"

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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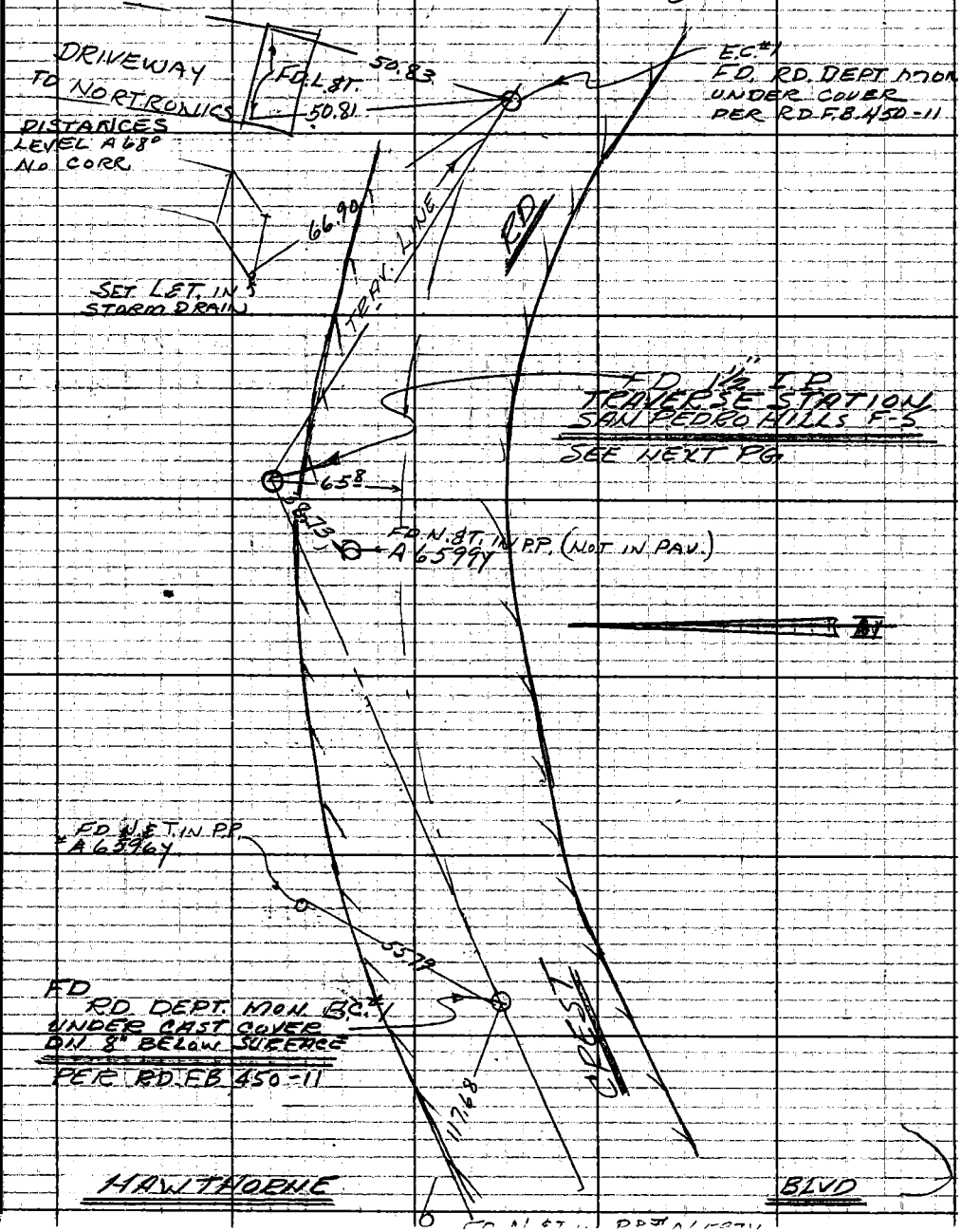
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std oF
Office Work	Surveyed by G.E. DREIER
Checked	Notes MOODY Date 3-12-62
Date	Indexed H. E. OTT

F.B. 2922 Pg. 91

L.A. CO. SURVEY CONTROL SYSTEM

TRAVERSE STATION SAN PEDRO HILLS F-5



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

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

763095 CE #247—7-55

F. B. 2922 PG. 92

~ DESCRIPTIONS ~

TRAVERSE STATION
SAN PEDRO HILLS F-5

THIS STATION IS IN THE COUNTY OF LOS ANGELES AND IN PALOS VERDES HILLS AND IS THE FIRST P.I. E'LY OF HAWTHORNE BLVD ON CREST RD, 967' E'LY"
"
"

STATION MARK: FD A 1½" I.P WITH "L.A. CO. ED. DEPT" TAG. DN 6" BELOW SURFACE, PI #1 PER R.O.F.B. 450-11

REFERANCE MARK: SET NONE

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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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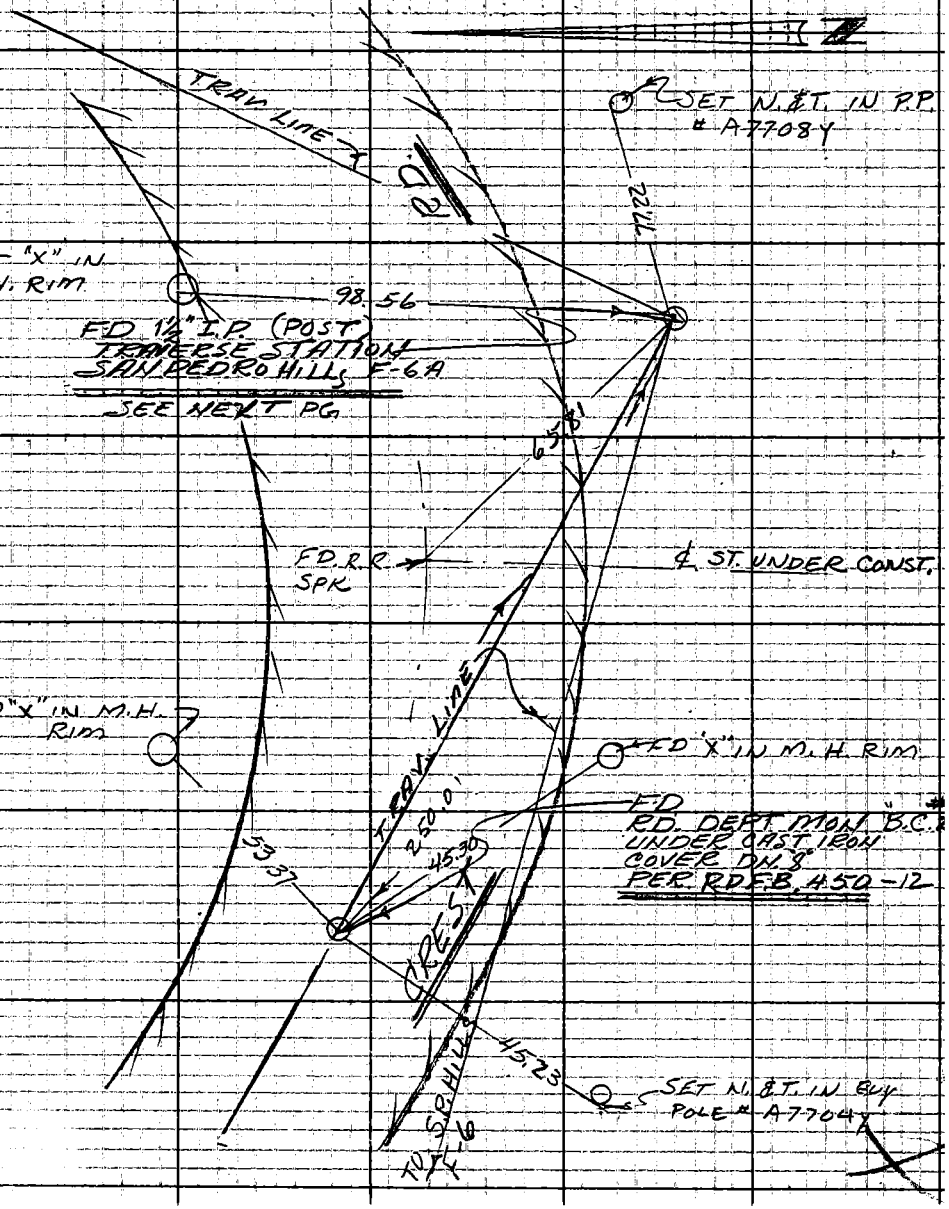
Notes Ck'd by	Survey of GEODETIC CONTROL F.B. 2922 PG. 93
Map No.	JN 03010 Tape 0130 Std 68 °F
Office Work	Surveyed by DREIER
Checked	Notes MOODY Date 3-12-67
Date	Indexed H. E. OTT

L.A. CO. SURVEY CONTROL SYSTEM

TRAVERSE STATION SAN PEDRO HILLS F-6A

DIST. LEVEL AT 68° NO. CORR.



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

763098 CE #247—7-53

F. B 2922 PG. 94

~ DESCRIPTIONS ~

TRAVERSE STATION
SAN PEDRO HILLS F-6A

THIS STATION IS IN THE COUNTY OF LOS ANGELES AND IN PALOS VERDES AREA, 0.3 MI SELY OF HAWTHORNE BLVD ON CREST RD, 250 FT. SELY OF B.C., THIS POINT IS A P.O.S.T.

STATION MARK: FD. A 1½" I.P. WITH L.A. CO. RD. DEPT. TAG. FLUSH, P.O.S.T. PER RD. F.B. 450-12

REFERANCE MARK: SET NONE

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

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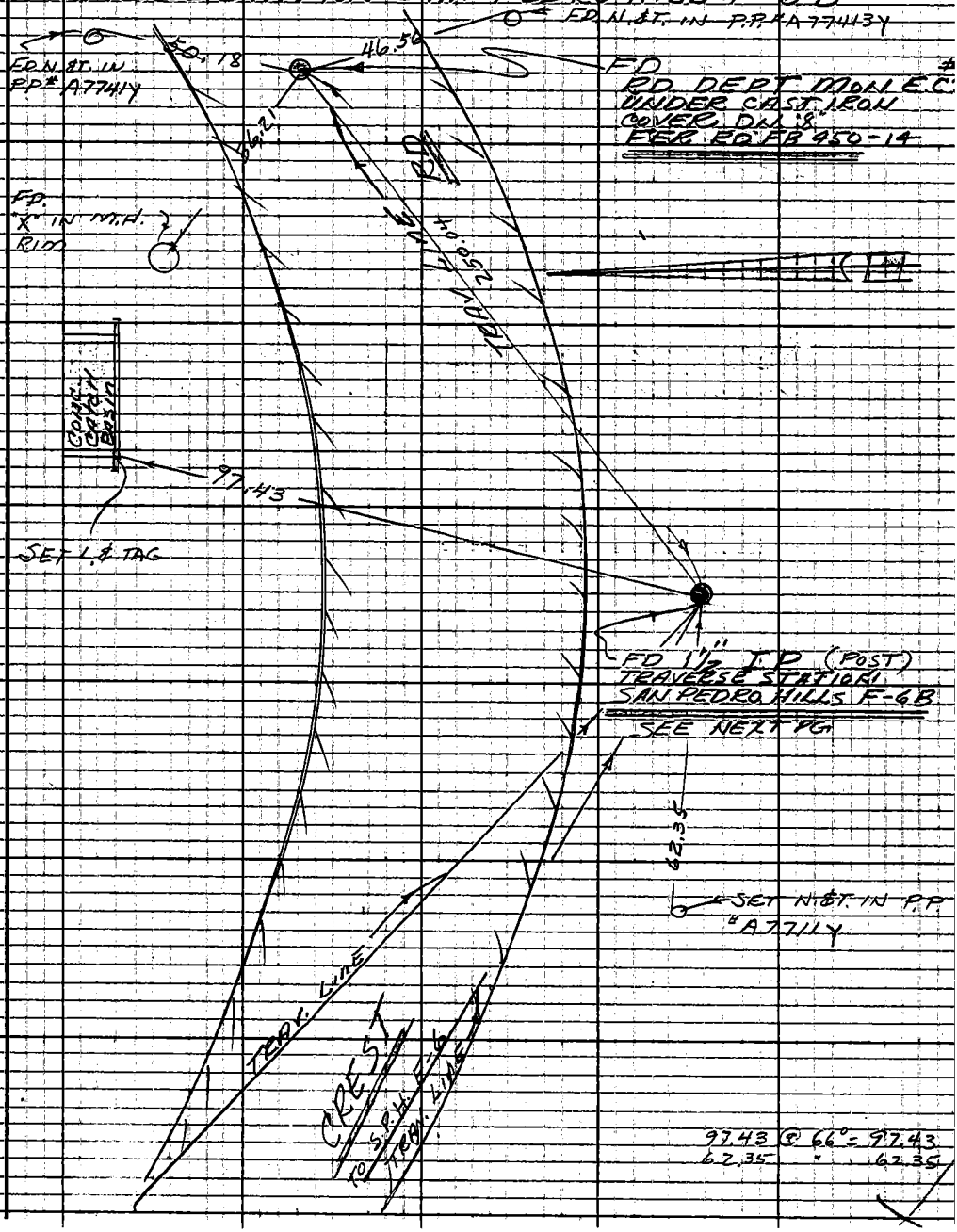
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	IN 0301.00 Tape 0130 Std 68 °F
Office Work	Surveyed by DREIER
Checked	Notes MOODY Date 3-12-62
Date	Indexed H. E. OTT

F. B. 2922 PG. 95

L.A. CO. SURVEY CONTROL SYSTEM

TRAVERSE STATION SAN PEDRO HILL F-6 B



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

763095 CE #247 7-59

65.81

F.B. 2922 PG. 96

~ DESCRIPTIONS ~
TRAVERSE STATION
SAN PEDRO HILLS F-6 B

THIS STATION IS IN LOS ANGELES COUNTY, PALOS VERDES AREA 0.50 MI. E'LY OF HAWTHORNE BLVD ON CREST RD. 250 FT N.W'LY OF E.C. #2

STATION MARK: FD A 1½" I.P. WITH L.A. CO. RD. DEPT. TAG. DN 6" PER RD. FB 450-12 RD. DEPT. POST.

REFERANCE MARK: SET NONE

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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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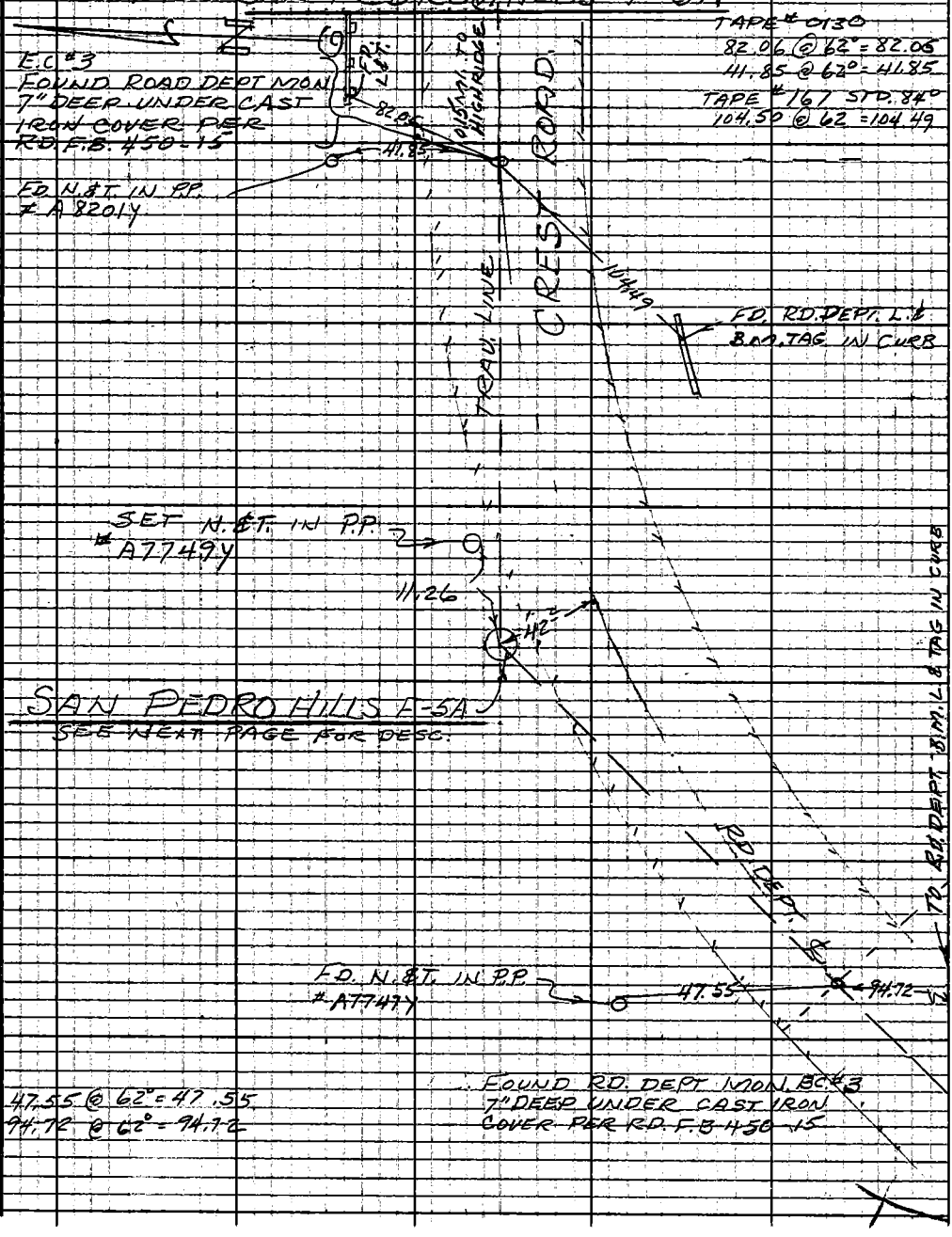
Notes Ck'd by	Survey of GEODETIC	F.B. 2922 PG. 97
Map No.	IN 0301.00 Tape 0130 Std 68	
Office Work	Surveyed by G. E. DREIER	
Checked	Notes G.E.D Date 5-10-62	
Date	Indexed H. E. OTT	

L.A. CO. SURVEY CONTROL SYSTEM TRIANGULATION
STATION SAN PEDRO HILLS F-5A



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

H.A. WHITE 0.8 MI.

763099 CE #247 7-59

F.B. 2922 PG. 98

DESCRIPTION

TRIANGULATION STATION SAN PEDRO HILLS F-5A

THIS STATION IS IN LOS ANGELES COUNTY ON PALOS VERDES PENINSULA, ON CREST ROAD AT P.I., 0.15 MI. W. OF HIGHRIDGE ROAD.

STATION MARK FOUND 1½" I.P. AND ROAD DEPT. TAG ON ROAD DEPT. C.P.I. PER R.D. F.B. 456-15

RETURN TO
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1700 Los Angeles County Engineering Bldg.

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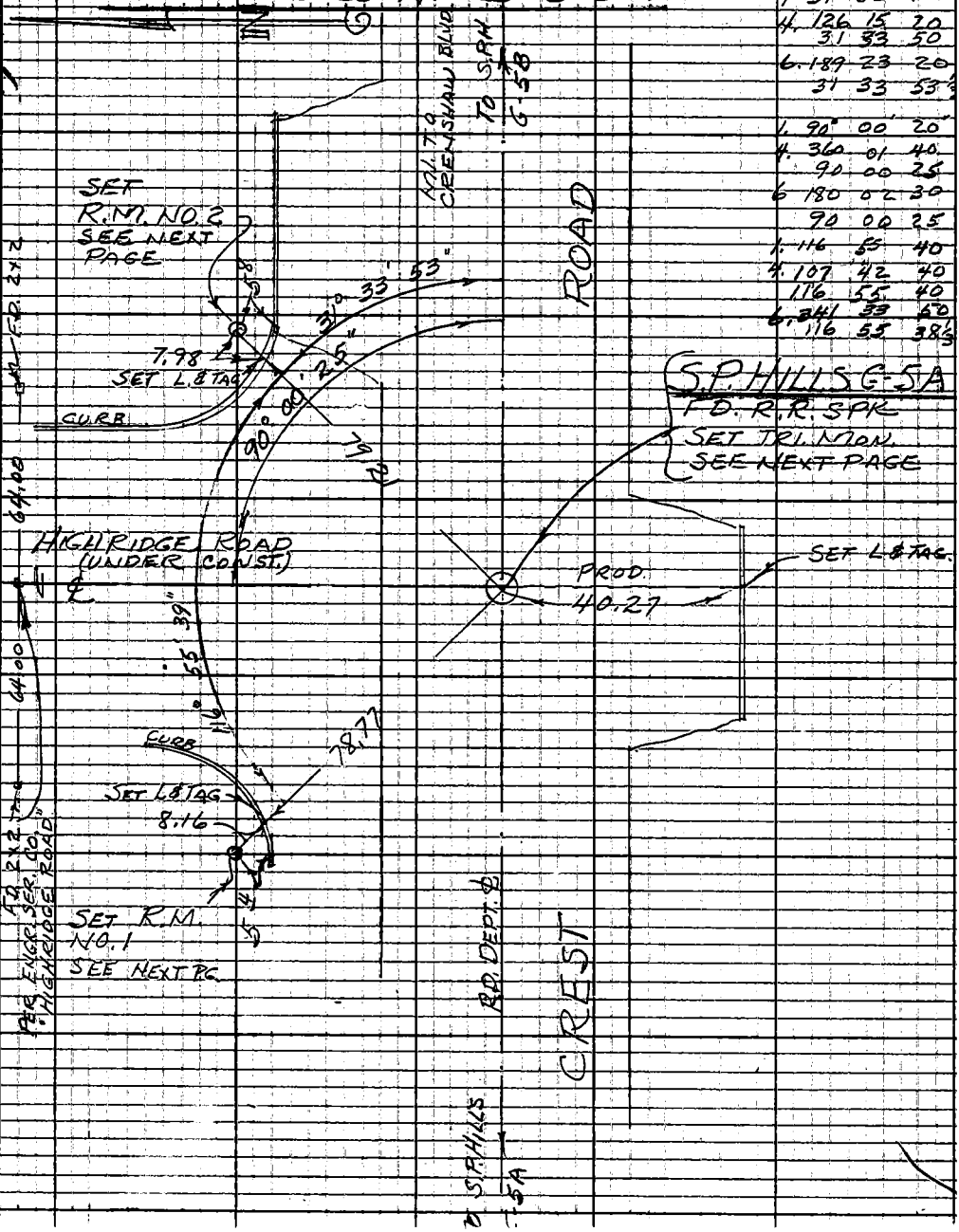
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0136 Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 3-12-62
Date	Indexed H. E. OTT

F.B. 2922 PG. 99

L.A.CO. SURVEY CONTROL SYSTEM TRIANGULATION STATION

SAN PEDRO HILLS G-5A

1.	31°	33'	40"
4.	126	15	20
	31	33	50
6.	189	23	20
	31	33	53
1.	90°	00'	20"
4.	360	01	40
	90	00	25
6	180	02	30
	90	00	25
1.	116	55	40
4.	107	42	40
	116	55	40
6.	341	33	50
	116	55	38 1/3



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

763095 CE #247 7-53

F.B. 2922 PG. 100

DESCRIPTION
TRIANGULATION STATION

SAN PEDRO HILLS G-5A

THIS STATION IS IN LOS ANGELES CO, PALOS VERDES AREA AT ℄ INTERSECTION OF CREST ROAD AND HIGHRIDGE ROAD

STATION MARK: FOUND R.R. SPK FLUSH ON ℄ INTERSECTION PER ENGINEERING SERVICE CO. "HIGHRIDGE ROAD", REPLACED WITH A STD. TRI. STATION MON. STAMPED "SAN PEDRO HILLS G-5A 1962 L.A.CO.ENGR.R.E. 5869" 9 INCHES DEEP UNDER CAST IRON COVER

R.M. NO. 1 SET A STD. REF. MON STAMPED "S.P. HILLS G-5A R.M. NO. 1 1962 L.A.CO.ENGR. R.E. 5869" 10 INCHES BELOW CURB GRADE

R.M. NO. 2 SET A STD REF. MON STAMPED "S.P. HILLS G-5A 1962 L.A. CO. ENGR. R.E. 5869" 8 INCHES BELOW CURB GRADE

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

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	IN 0301.00 Tape 0130 Std. oF
Office Work	Surveyed by DREYER
Checked	Notes MOODY Date 3-12-62
Date	Indexed H. E. OTT

F. B. 2922 PG. 101

L.A.CO. SURVEY CONTROL SYSTEM TRIANGULATION STATION SAN PEDRO HILLS G-5 B

FD N. & T. IN P.P.# A82134

FD RD DEPT MON E.C.# 4 UNDER CAST IRON COVER DN 8" PER RD FB 450-17

FD N. & T. IN P.P.# A73024

5.96

FD X" IN S.M.H. RIM

FD N. & T. IN P.P.# A82114

6.98

TO S.P. HILLS G-5

TO S.P. HILLS

176.90

FD TRIANGULATION STATION G-5 B SEE NEXT PG.

FD L. & T. IN CURB

FD N. & T. IN P.P.# 1036447E

42.85

FD RD DEPT MON B.C.# UNDER CAST IRON COVER DN 8" PER RD DEPT FB 450-17

122.5

FD N. & T. IN P.P.# 1036447E

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

768093 CE #247 7-58

F.B. 2922 PG. 102

~ DESCRIPTIONS ~

TRAVERSE STATION

SAN PEDRO HILLS G-5 B

THIS STATION IS IN THE COUNTY OF LOS ANGELES, PALOS VERDES AREA 0.4 MI W'LY OF GREENSHAW BLVD. ON CREST RD

STATION MARK: FD A 1½" I.P WITH L.A. CO. R.D. DEPT. TAG DN 6" BELOW SURFACE P.I. #4 PER RD EB 450-17

REFERANCE MARK NONE

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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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190.63

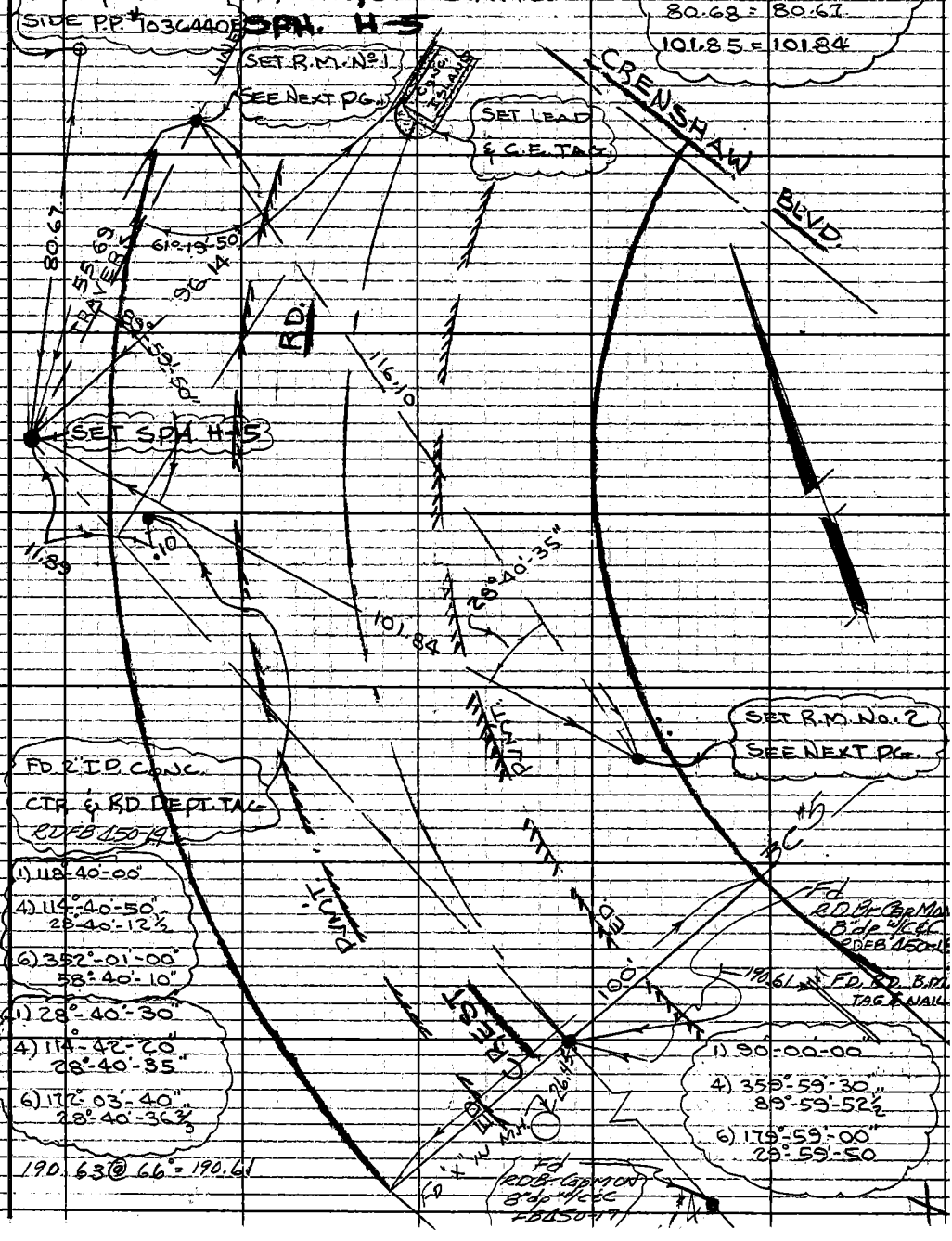
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 141 Std 84 °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes K. MYERS Date 3-22-62
Date	Indexed H. E. OTT

F.B. 2922 PG. 103

ALL MEAS. LEN @ 52°F

196.15 =	96.14
116.12 =	116.10
55.70 =	55.69
80.68 =	80.67
101.85 =	101.84

L. A. Co. Survey Control System
TRAVERSE STATION
SPH. H-5



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

763095 CE #247 7-53

F.B. 2922 PG. 104

STATION DESCRIPTION.

TRAVERSE STATION

SAN PEDRO HILLS

H-5

THIS STATION IS IN L.A. COUNTY. ON CREST ROAD 650 FT. WEST OF THE INTERSECTION OF CREST RD. AND CRENSHAW BLVD. 8" BELOW FLUSH ON THE ROAD SHOULDER AND ON THE ℄ PROD. NORTHEASTERLY AND 11.89 FT. NORTHEASTERLY OF THE P.I.

STATION MARK: SET A STD. 4" BRASS TRAV. CAP IN CONC 8" BELOW FLUSH AND STAMPED "SAN PEDRO HILLS, H-5, 1962, L.A. CO. ENGR. RE. 5869"

REFERENCE MARK #1 SET A STD 4" BRASS REF. CAP IN CONC 10" BELOW FLUSH AND STAMPED: "SAN PEDRO HILLS H-5, RM. 1, 1962, L.A. CO ENGR. R.E. 5869.

REFERENCE MARK #2 SAME AS #1 EXCEPT; STAMPED "RM. 2"

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

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

Survey of GEODETIC CONTROL
JN 0301.00 Tape 141 Std 84 °F
Surveyed by A. C. GUIZADO
Notes K MYERS Date 4-4-62
Indexed H. E. OTT

F. B. 2922 PG. 105

T = 64

100.68 @ LEV = 100.68

193.59 @ 2°34' = 193.34
193.64 @ 2°47' = 193.34 } 193.34

206.71 @ 5°43' = 205.68
206.63 @ 5°26' = 205.70 } 205.69

299.64 @ 2°07' = 299.43
299.62 @ 1°57' = 299.45 } 299.44

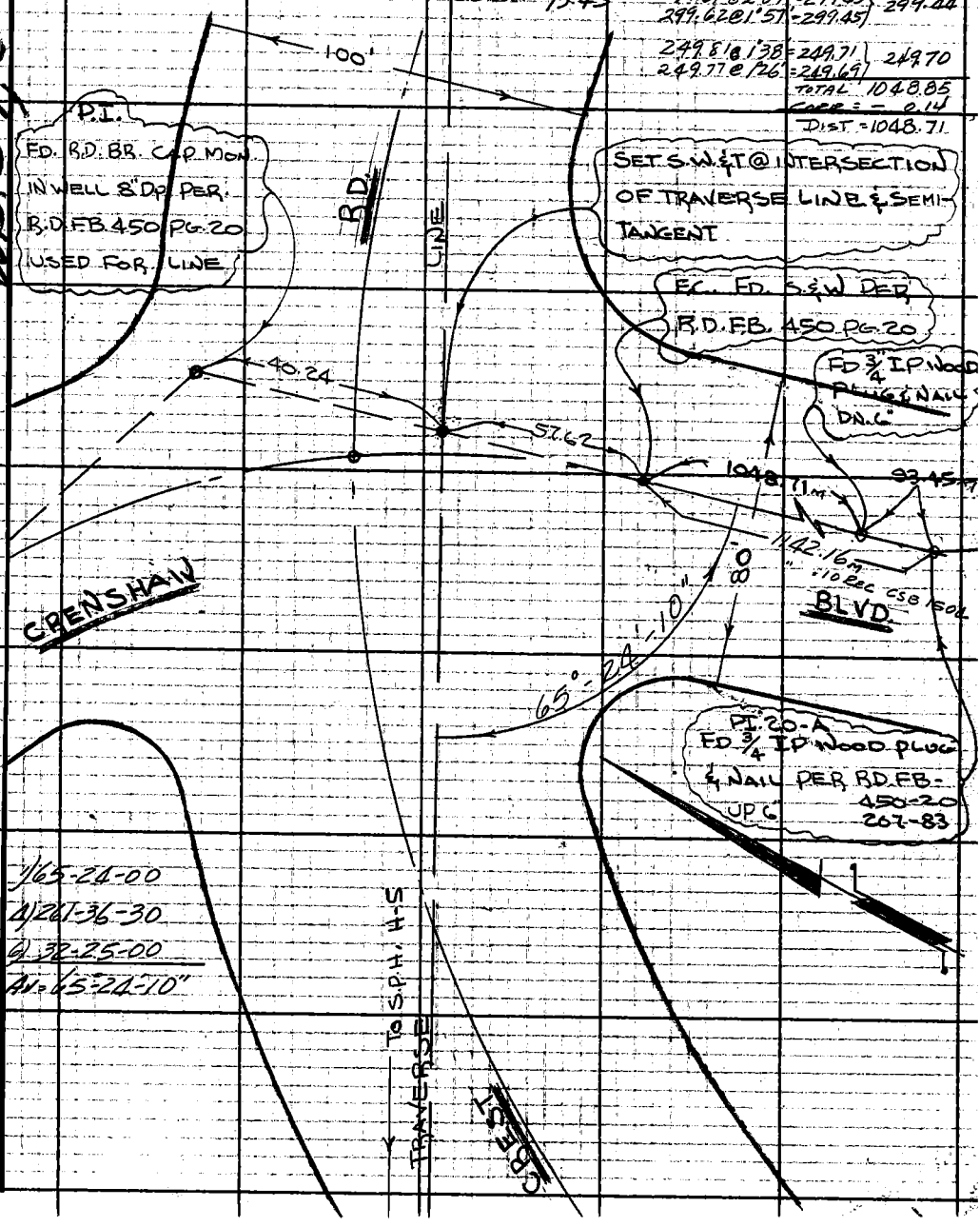
249.81 @ 1°38' = 249.71
249.77 @ 1°26' = 249.69 } 249.70

TOTAL 1048.85
CORR = − 0.14
DIST = 1048.71

CAD. TIE,
CRENSHAW BLVD
TO TRAV. LINE

T = 64

93.84 @ 5°10' = 93.46
93.78 @ 4°41' = 93.47 } 93.46
− 0.01
DIST = 93.45



1) 65-24-00
4) 261-36-30
6) 32-25-00
AV = 65°-24'-10"

W.S. 27, C-4

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

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

76F3095 CE # 310 3-61

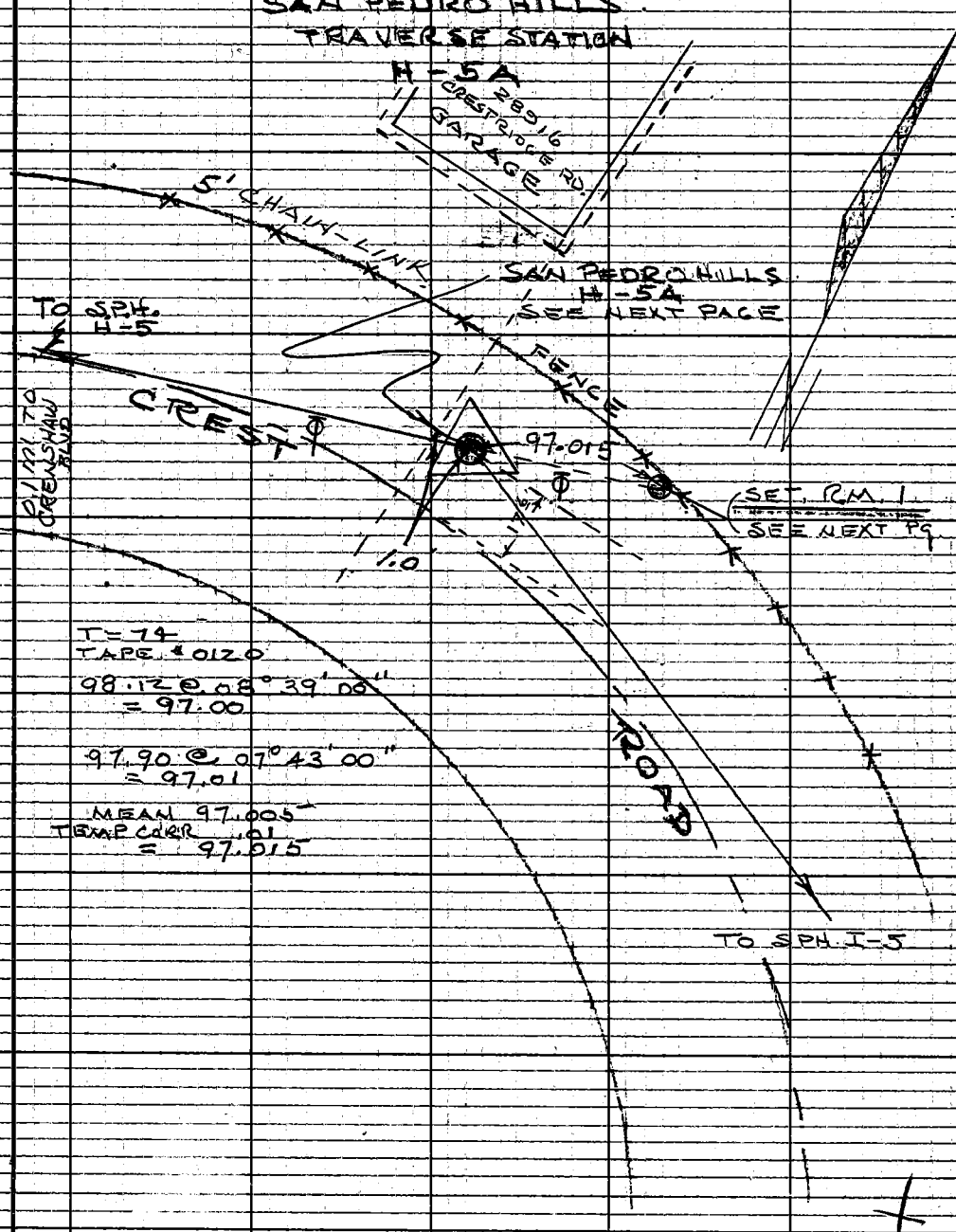
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	IN 0301.00 Tape 0120 Std. 68 OF
Office Work	Surveyed by A.E. GUIZADO
Checked	Notes R.D.S Date 3-9-62
Date	Indexed H. E. OTT

F. B. 2922 PG. 107

L.A. CO. SURVEY CONTROL SYSTEM

SAN PEDRO HILLS

TRAVERSE STATION H-5A



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

763095 CE #247—7-58

F.B. 2922 PG. 108

STATION DESCRIPTION
TRAVERSE STATION
SAN PEDRO HILLS
H-5A

THIS TRAVERSE STATION IS IN LOS ANGELES COUNTY WESTERLY OF THE WEST BOUNDARY OF THE CITY OF ROLLING HILLS ON CREST ROAD ~~0.1 MI. E/W~~ FROM THE INTERSECTION OF CREST ROAD & CRENSHAW BLVD. 12" DOWN FROM GROUND GRADE.

STATION MARK: SET STD 4" BRASS TRAVERSE CAP IN CONC. DN. 12" BELOW GROUND GRADE AND INSCRIBED SAN PEDRO HILLS H-5A, 1962, L.A. CO ENGR R.E 5869

REFERENCE MARK NO 1 SET: STD 4" BRASS REF. CAP IN CONC. 8" ABOVE FLUSH AND STAMPED: "SAN PEDRO HILLS H-5A R.M. #1 1962, L.A. CO. ENGR R.E 5869"

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900 Los Angeles County Engineering Bldg.

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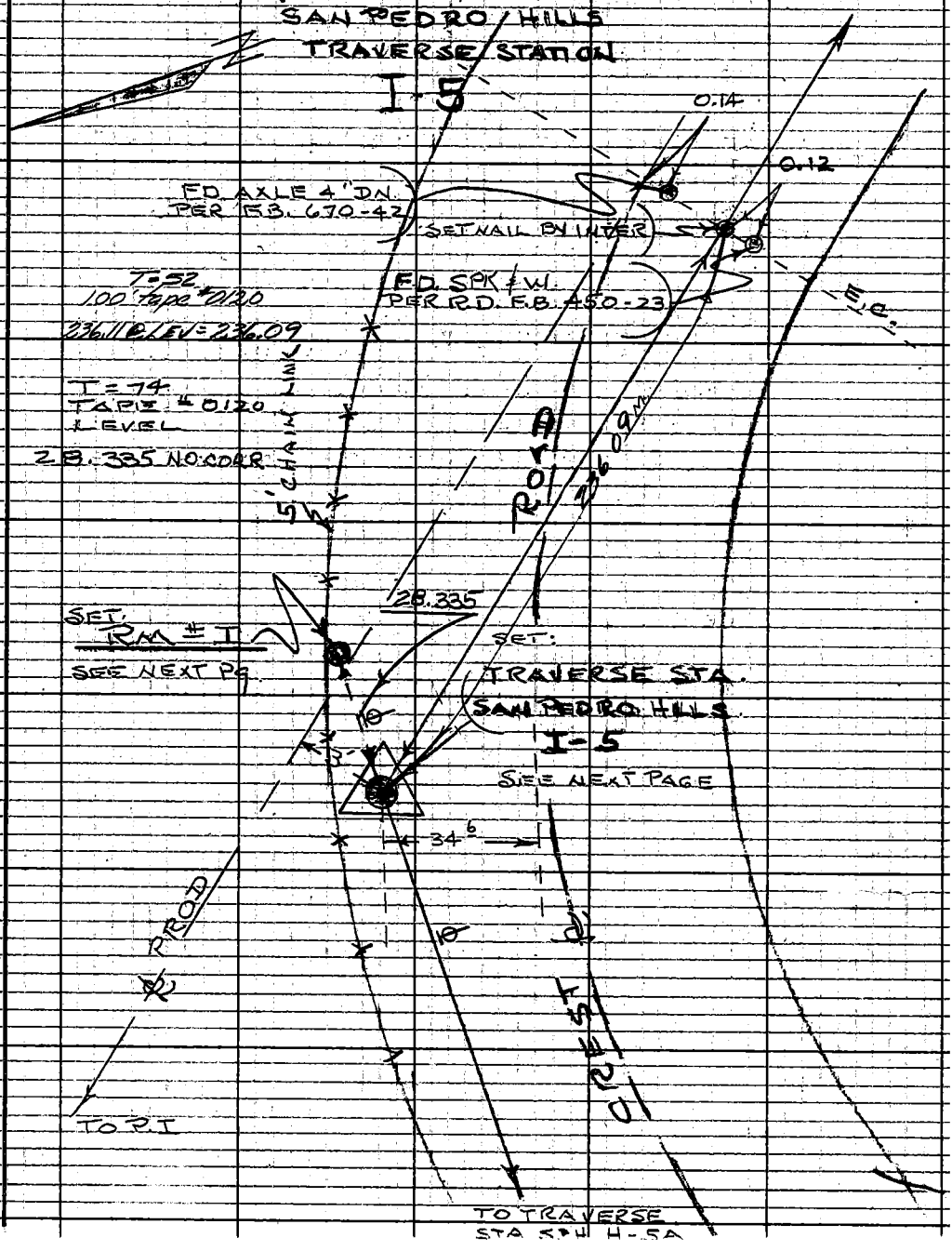
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	IN 0301.00 Tape 0120 Std 68 °F
Office Work	Surveyed by A.C. GOIZADO
Checked	Notes R.D.S. Date 3-9-62
Date	Indexed H. E. OTT

F.B. 2922 PG. 109

TO TRAVERSE

L.A. CO. SURVEY CONTROL SYSTEM STA. SPH. I-5A



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RETURN TO
LOS ANGELES COUNTY ENGINEER
2100 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247 7-59

F.B. 2922 Pg. 110

STATION DESCRIPTION
TRAVERSE STATION
S.P.H. I-5

THIS TRAVERSE STATION IS IN L.A. COUNTY JUST WEST OF THE BOUNDRY OF THE CITY OF ROLLING HILLS ON A 3' OFFSET LINE SOUTH OF THE ℄ OF CREST ROAD PRODUCED WESTERLY, 0.2 MI EASTERLY FROM E GLENSHAW BLVD.

STATION MARK: SET A STD 4" BRASS TRAVERSE CAP IN CONC. DAL. 12" BELOW GROUND GRADE AND INSCRIBED SAN PEDRO HILLS I-5, 1962, L.A. CO. ENGR R.E. 5869.

REFERENCE MARKS: SET STD 4" BRASS REF. CAP IN CONC. 8" ABOVE FLUSH AND STAMPED: "SAN PEDRO HILLS I-5 R.M. 1, 1962, L.A. CO. ENGR. R.E. 5869"

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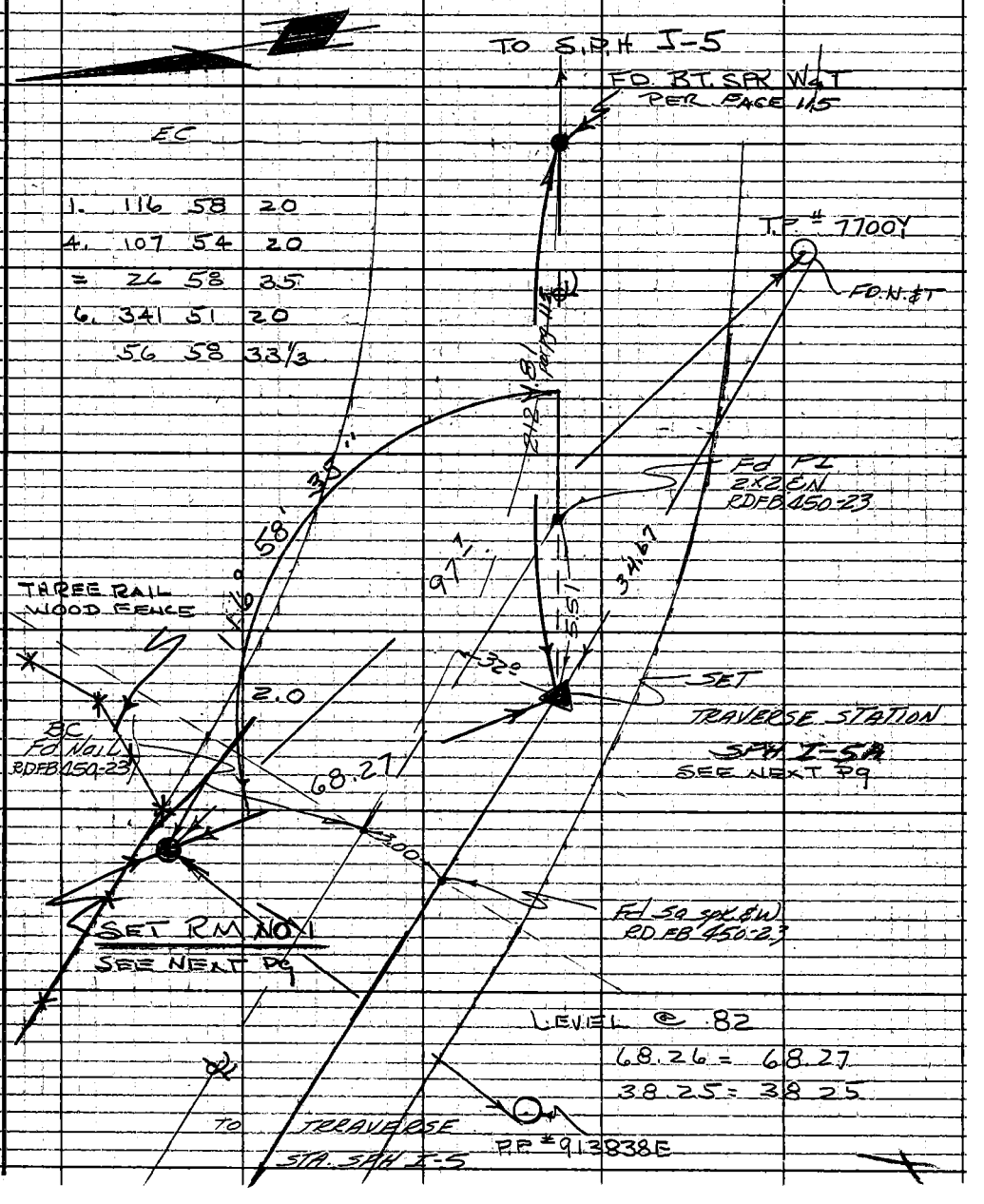
Notes Ck'd by	Survey Geodetic Control
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 3/8/61
Date	Indexed H. E. OTT

F. B. 2922 Pg. 111

L. A. Co. Survey Control System

TRAVERSE STATION
SAN PEDRO HILLS I-5A



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

763098 CE #247—7-53

F.B. 2922 PG. 112

TRAVERSE STATION
SAN PEDRO HILLS I-5A

THIS TRAVERSE STATION IS IN L.A. COUNTY IN THE CITY OF ROLLING HILLS JUST EAST OF THE WEST GATE ENTRANCE, ON A 3' OFFSET LINE, 5.51 W'LY FROM ℄ P.I.

STATION MARK SET A STD 4" BRASS TRAVERSE CAP ℄ IRON PIPE IN CONC. ℄ STAMPED "SAN PEDRO HILLS I-5A, 1962 LA CO. ENGR. RE 5869"

REFERENCE MARKS SET STD 4" BRASS REF. CAP IN CONC 8" DOWN AND STAMPED "SAN PEDRO HILLS I-5A R.M.1, 1962, LA CO. ENGR. R.E. 5869"

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LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 2-62
Date	Indexed H. L. OTT MAR 21 '62

F.B. 2922 PG. 113

JOB NO 0301.00

GEODETIC CONTROL

RETRACEMENT OF ℄ OF CREST ROAD EAST OF CRENSHAW BLVD.

DREIER
MOODY
N. SMITH
C. VALDEZ
R. RODRIGUEZ

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

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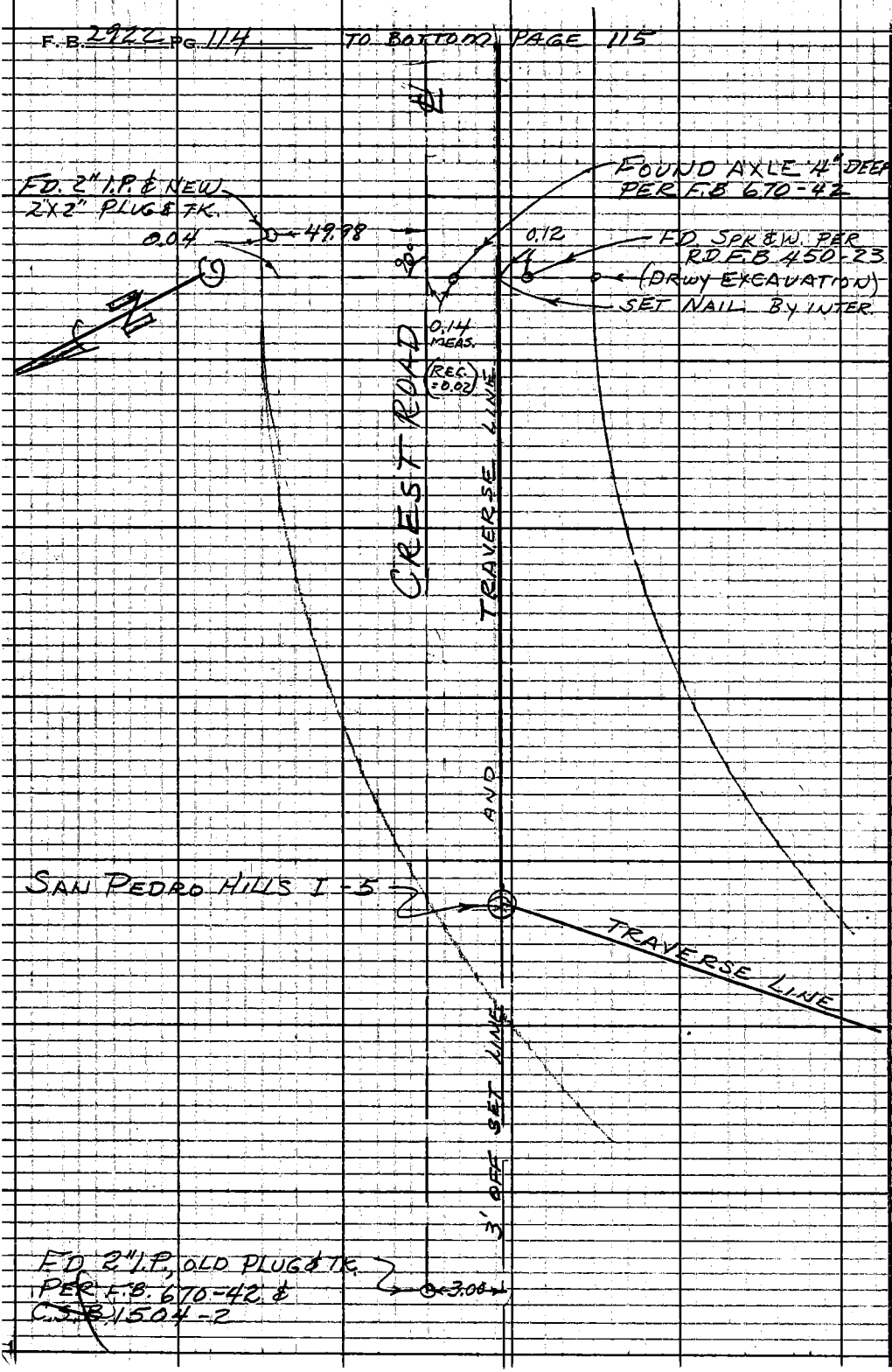
RETURN TO
LOS ANGELES COUNTY ENGINEER
OO Los Angeles County Engineering Bldg.

783098 CE #247—7-59

F.B. 2922 PG. 114 TO BOTTOM PAGE 115



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

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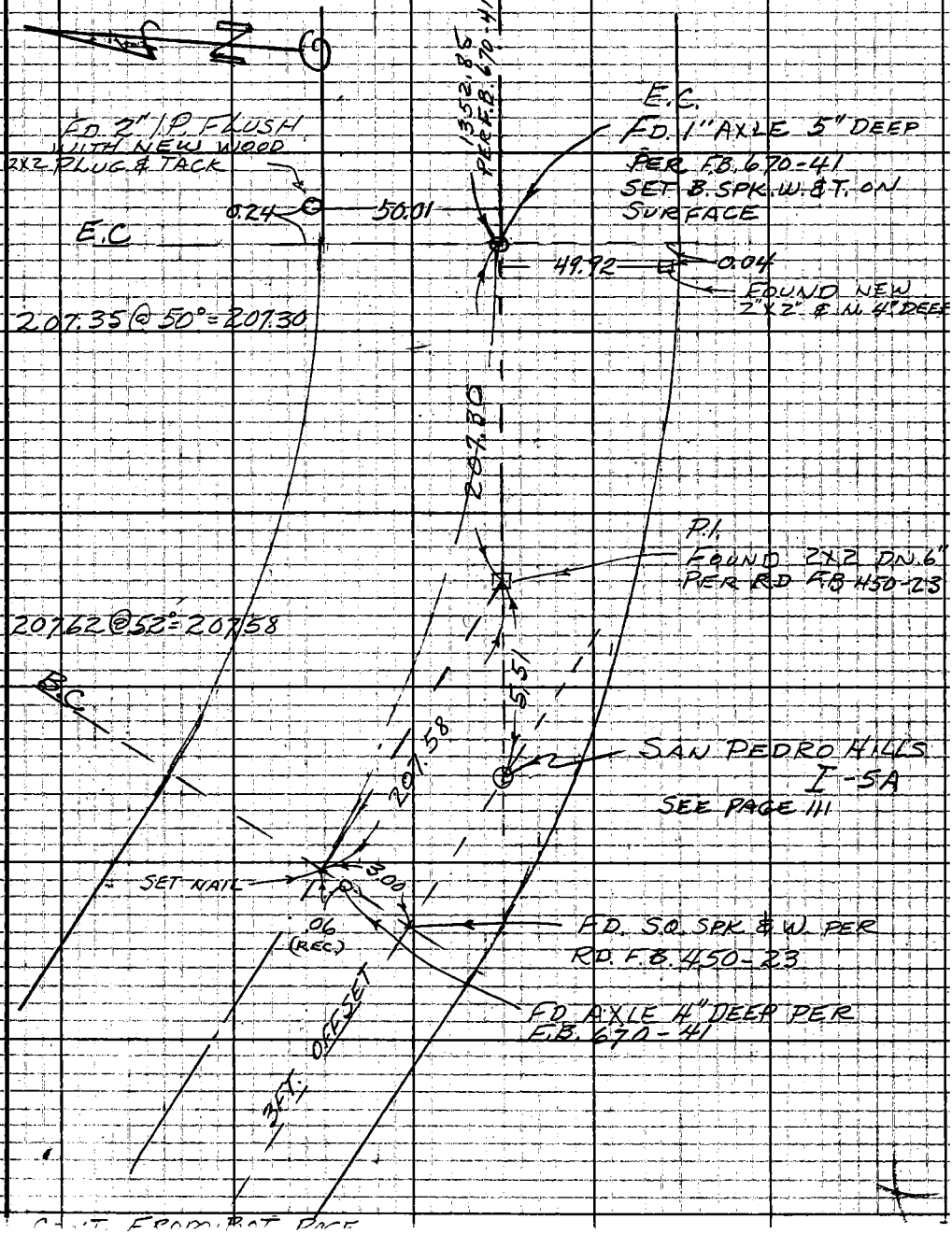
Notes Ck'd by:	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 167 Std 84 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G. E. D. Date 2-5-62
Date	Indexed H. E. OTT

F.B. 2922 PG. 115

CONT. ON BOTTOM PG.



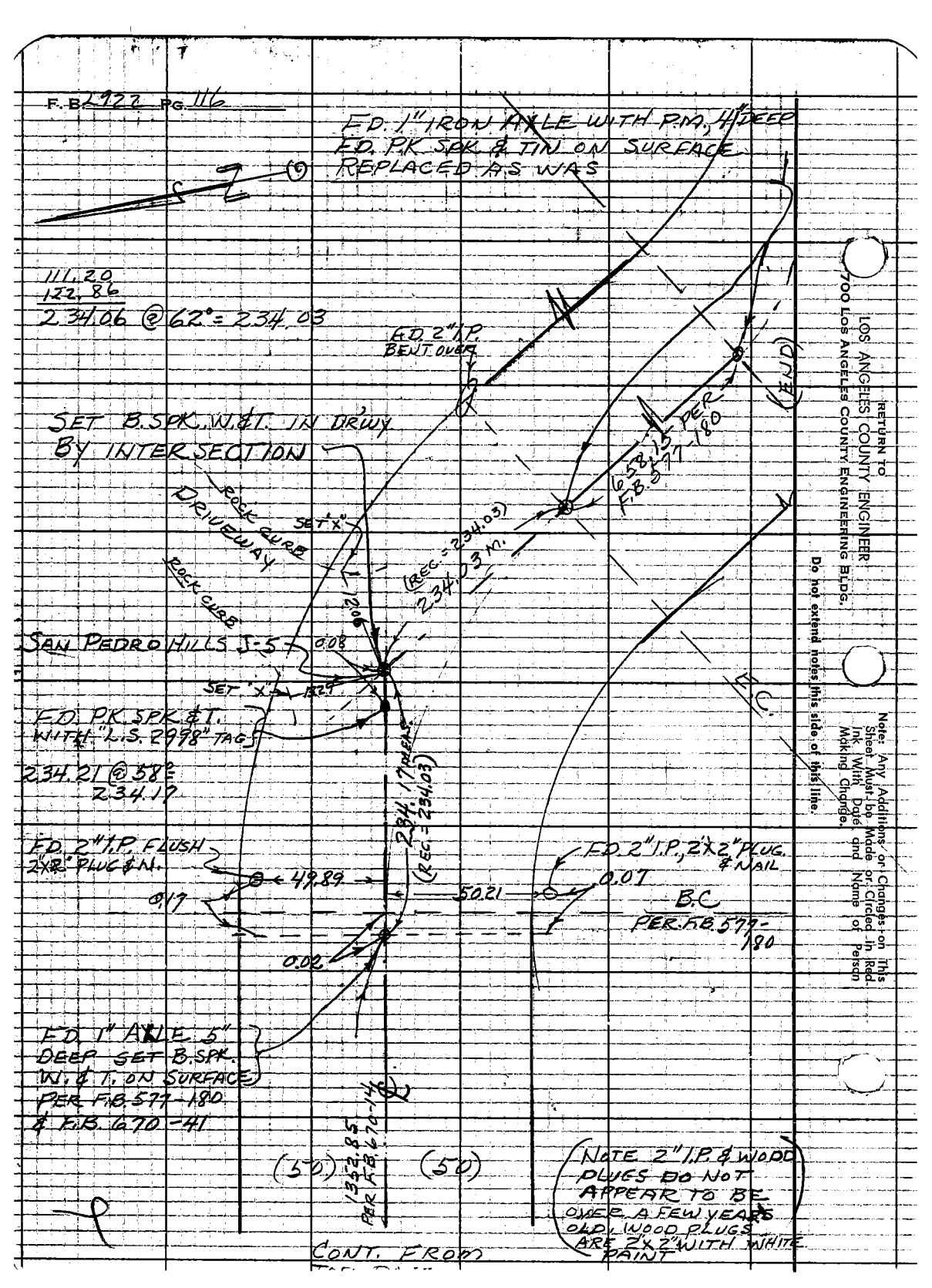
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763095 CE #247—7-55

F. B. 2922 PG. 116



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

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

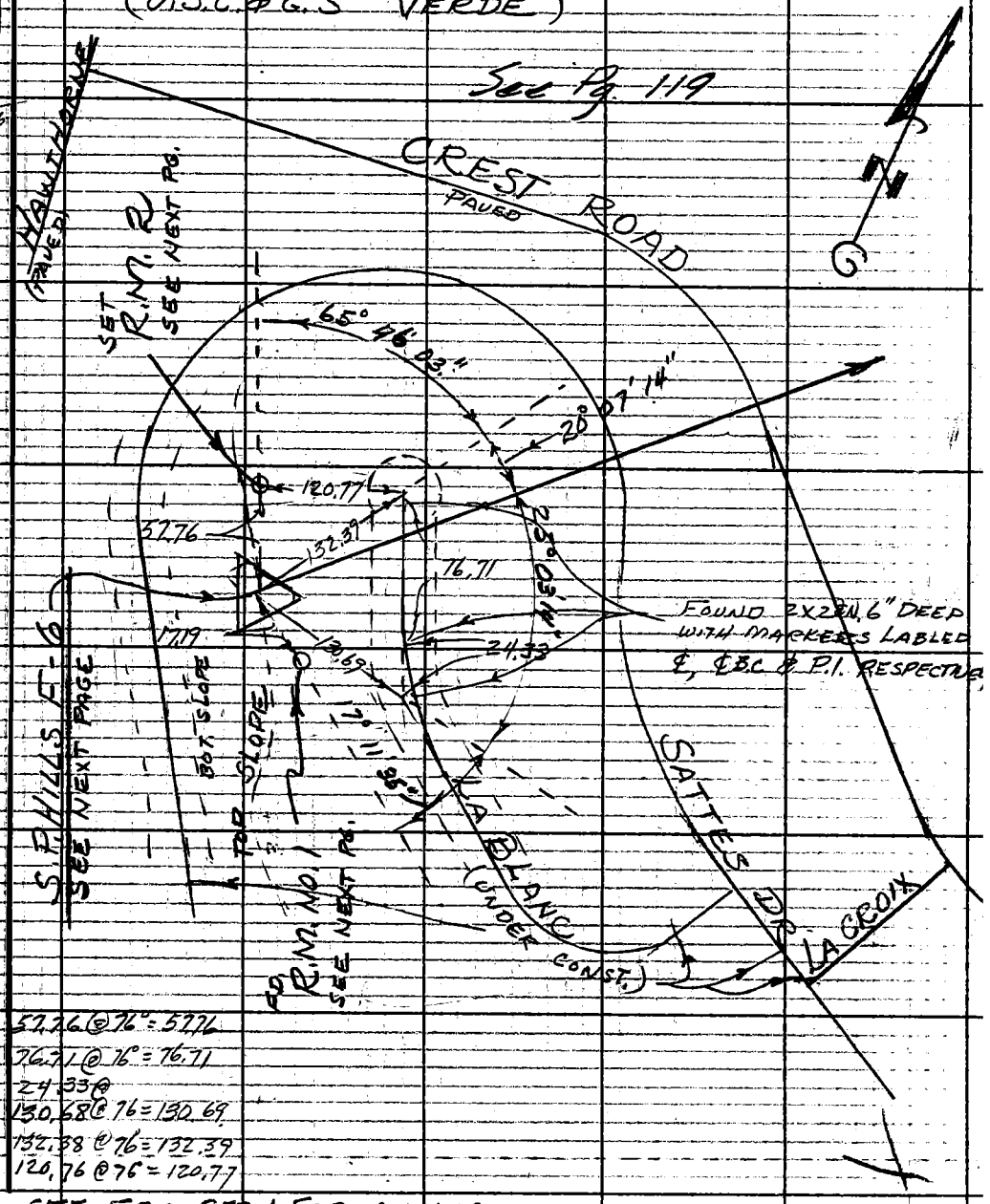
Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2922 PG. 117
Map No.	JN 0301.00 Tape 0130 Std 68 °F	
Office Work	Surveyed by G. E. DREIER	
Checked	Notes G. E. D Date 6-25-62	
Date	Indexed C. J. GALLY AUG 11 '65	

Sec. Index Card
Place U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

L.A. CO. SURVEY CONTROL SYSTEM TRIANGULATION STATION

SAN PEDRO HILLS F-6 RESET 1962
(U.S.C.&G.S "VERDE")

See Pg. 119



44.13
76.63
120.76

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

Do not extend this side of this line.

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

76F309S CE # 310 3-61

61.98
32.60
36.10
130.68
67.49
23.89
41.00

57.76 @ 76° = 57.76
76.71 @ 76° = 76.71
24.33 @
130.68 @ 76 = 130.69
132.38 @ 76 = 132.39
120.76 @ 76 = 120.77

SEE F.B.C. 953-1 FOR ANGLES

DESCRIPTION

F. B. 2922 Pg. 118

SAN PEDRO HILLS F-6 (RESET 1962)

U.S.C. & G.S. "VERDE" (1927)

THIS STATION IS IN LOS ANGELES COUNTY, PALOS VERDES AREA, ABOUT 0.3± MI. S.E. OF HAWTHORNE AVE & CREST ROAD, ABOUT 132.4 FT. S.W'LY FROM THE RADIAL POINT OF THE END OF LE BLANC (ST OR ?, UNDER CONSTRUCTION) AT THE TOP OF A 30± FT. CUT SLOPE

STATION MARK FOUND L. & C.E. TAG IN TOP OF A ROCK ABOUT 12 INCHES DEEP, PER F.B. 2922-11. REPLACED WITH A STD TRI. STA. MON. STAMPED "SAN PEDRO HILLS F-6 RESET 1962 L.A.CO. ENGR. R.E. 5869" FLUSH See Pg. 1

R.M. NO. 1 - FOUND U.S.C. & G.S. REF. DISK, WITH ARROW, STAMPED "VERDE 1927" IN TOP OF A ROCK PER F.B. 625-167, 168

R.M. NO. 2 SET A STD. REF. MON. STAMPED "S.P. HILLS F-6 R.M. 2 1962 L.A.CO. ENGR. R.E. 5869" UP 3 INCHES

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Notes Ck'd by _____ | Survey of GEODETIC Control | F.B. 2702 Pg. 1-1A
Map No. _____ | JN 2301.00 Tape 202 Std. 64 °F.
Office Work _____ | Surveyed by G.E. DREKER
Checked _____ | Notes BAZEN Date 7/29/65
Date _____ | Indexed C. J. GALLI

Index Card ✓ | Plotted ✓ | U.S.G.S. Quad. Shts. _____ | Placed on Sur. Div. W.S. No. _____ | Sketch on Geo. Desc. Card _____

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION "SAN PEDRO HILLS, F-6"

T = 72°
57.76 = 57.76
132.25 = 132.24
174.34 = 174.32
101.07 = 101.06

T = 50°
57.78 = 57.77
119.69 = 119.66
54.78 = 54.76
174.35'
44.79 = 44.78'
75.80 = 75.55'
120.63'

2-19-74
R WILSON / LAPL

Fd. L.S. Tag R.C.E. 5335 & Prod

Fd. R.R. Spk. & Tin

San Pedro Hills F-6 R.M. 2"

120.63'

28.17'

(K.S.E.)
1. 66-31-40
4. 246-06-50
66-31-42½
6. 39-10-20
66-31-43½

N 46° 31' 43" E

N 13° 28' 17" W

135° 08' 23" (MEAS.)

69° 23' 08"

121.26'

CURVE

CURVE

MATTISSE DR.

Chain Link Fence

Fd. R.R. Spk. & Tin

BLAINE PL.

87.62'

Fd. L.S. Tag R.C.E. 5335 & Prod.

135° 08' 23" (MEAS.)

174.35' (MEAS.)

39.01'

S 54° 50' E

Triang. Sta. San Pedro Hills "F-6"

(K.S.E.)
1. 135-08-30
4. 180-33-40
135-08-25
6. 90-50-20
135-08-23½

(K.S.E.)
1. 69-23-00
4. 227-32-40
69-23-10
6. 56-18-50
69-23-08½

1. 135-55-00
4. 183-39-20
135-54-50
6. 95-29-00
135-54-50

Set 1½ Bx Nail

San Pedro Hills "G-6"

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76F309S C.E. #310 8-62

F. B. 2922 PG. 120 – Descriptions –

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
"SAN PEDRO HILLS F-6"

This Station is in the county of Los Angeles in the Palos Verdes Hills about 1/4 mile S.E. of the intersection of Hawthorn Blvd. & Crest Rd. This Station can be reached from said intersection by traveling Ely. on Crest Rd. about 1/2 mile to LA CROIX DR, Then Rt. To SOTTES DR, RT. 100'± to LE BLANC PL., Lt. To end of LE BLANC PL. Station is 100'± W. of LE BLANC PL. @ edge of bank.

STATION MARK:

Fd 9 Std. 4" brass cap Thang. mon. set in a 12"x12" conc. pad ± up 6". Stg. is stamped "SAN PEDRO HILLS F-6, RESET 1962, L.A. CO. ENGR., R.E. 5869"

See Pgs 11-118

REFERENCE MARKS:

Fd. R.M. #2. 9 Std. 4" precast R.M. mon. up 3" ± stamped "S.P. HILLS F-6, R.M. 2, L.A. CO. ENGR R.E. 5869"

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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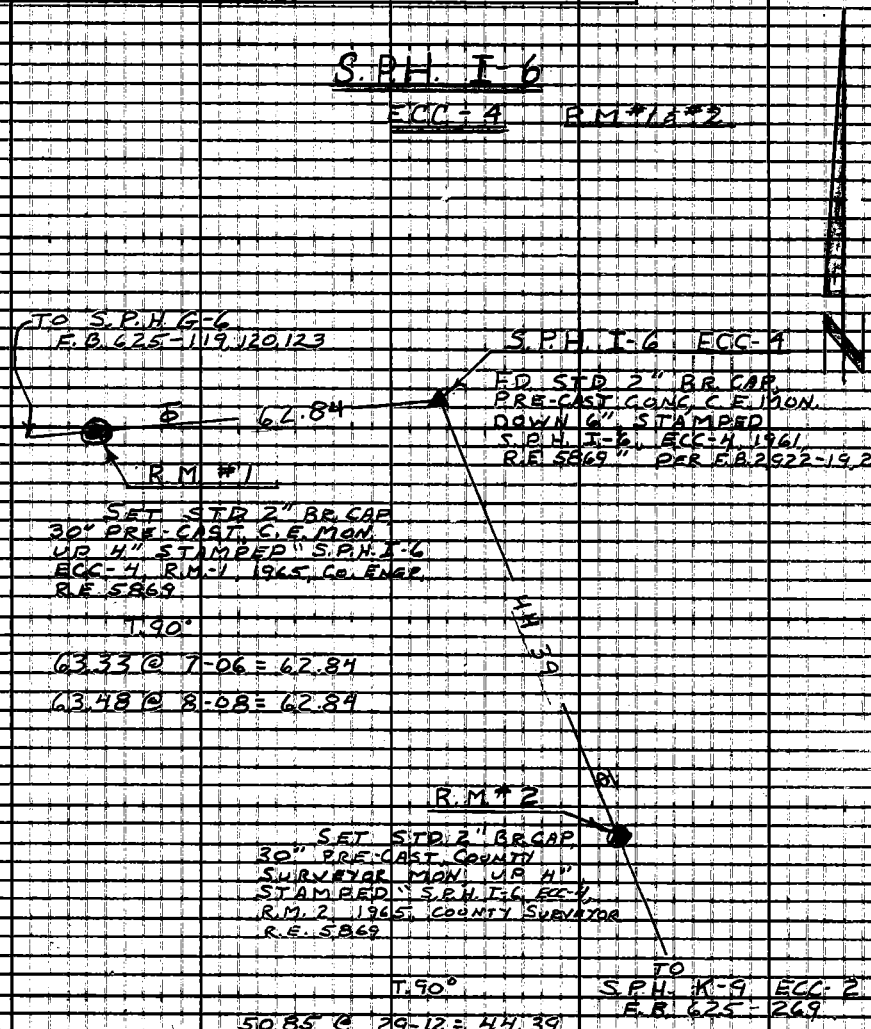
Notes Ck'd by	Survey of PORTUGUESE BEND
Map No.	JN0021.64 Tape 144 Std 84 °F
Office Work	Surveyed by WILSON-FULTON
Checked	Notes J. F. Date 10-19-65
Date	Indexed R. J. GALLI

F.B. 2922 PG. 121

Noted on Index Card
Placed on S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Dsgn. Card

S.P.H. I-6

ECC-4 R.M. #1 & #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.

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

MIRALESTE AREA

Notes Ck'd by	Survey of PHOTO CONTROL	F. B. 2922 PG. 123
Map No.	JN 00 97 69 Tape 1911 Std 84 °F	
Office Work	Surveyed by LWD	
Checked	Notes LWD Date 4-15-64	
Date	Indexed C. I. GALLI MAY 2 5 '68	

JN 00 97 69

MIRALESTE AREA PHOTO CONTROL

DESCRIPTIONS OF PHOTO CONTROL POINTS
INDEX AND METHOD SKETCH
CADASTRAL TIES

NOTE: ALL HORIZ AND VERTICAL ANGLES
HAVE BEEN MEASURED SEE ABSTRACTS

APRIL 1968

LWD
JONES
DIETZ
LOVE
MUNOZ

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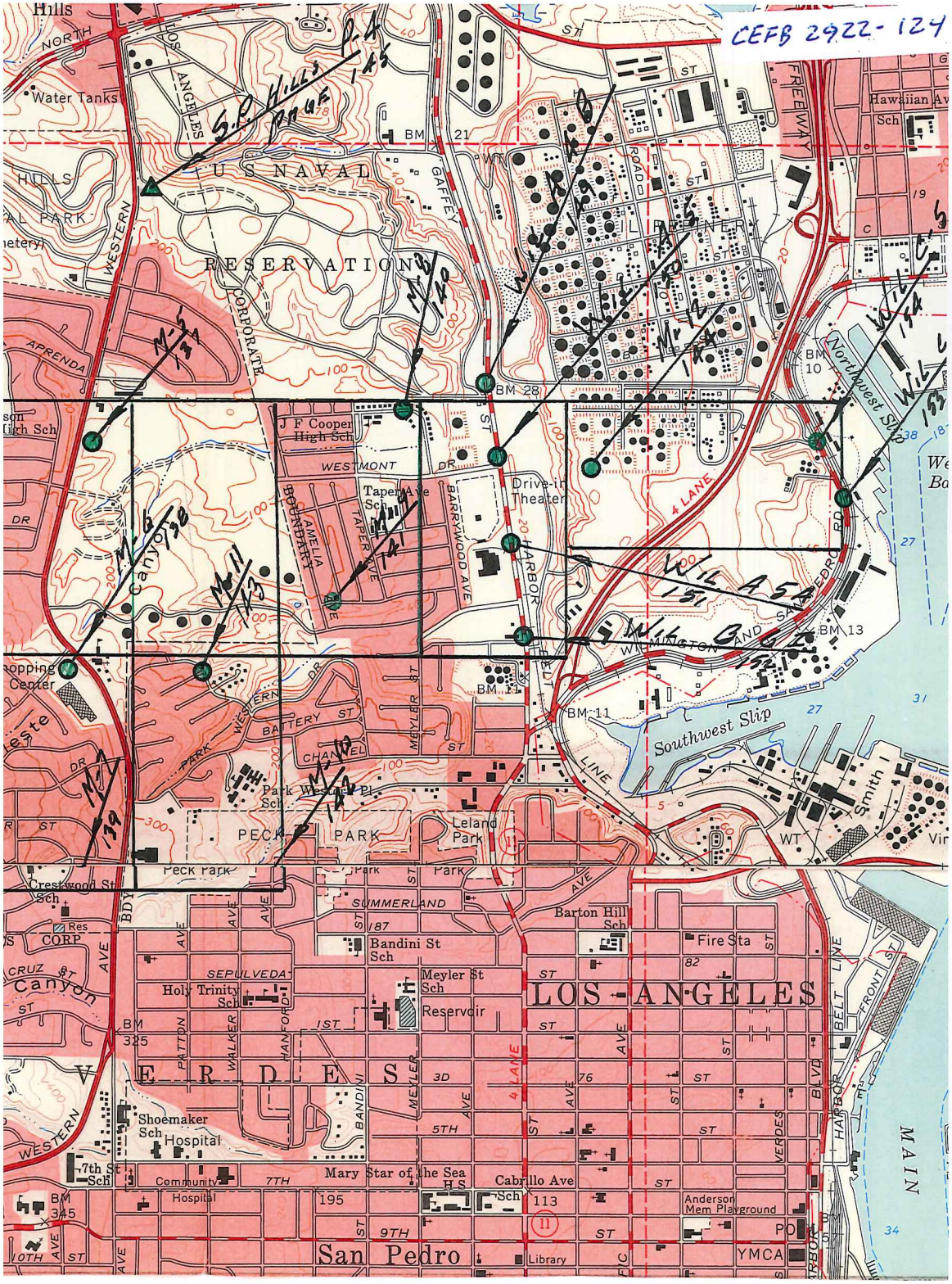
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#3101-65

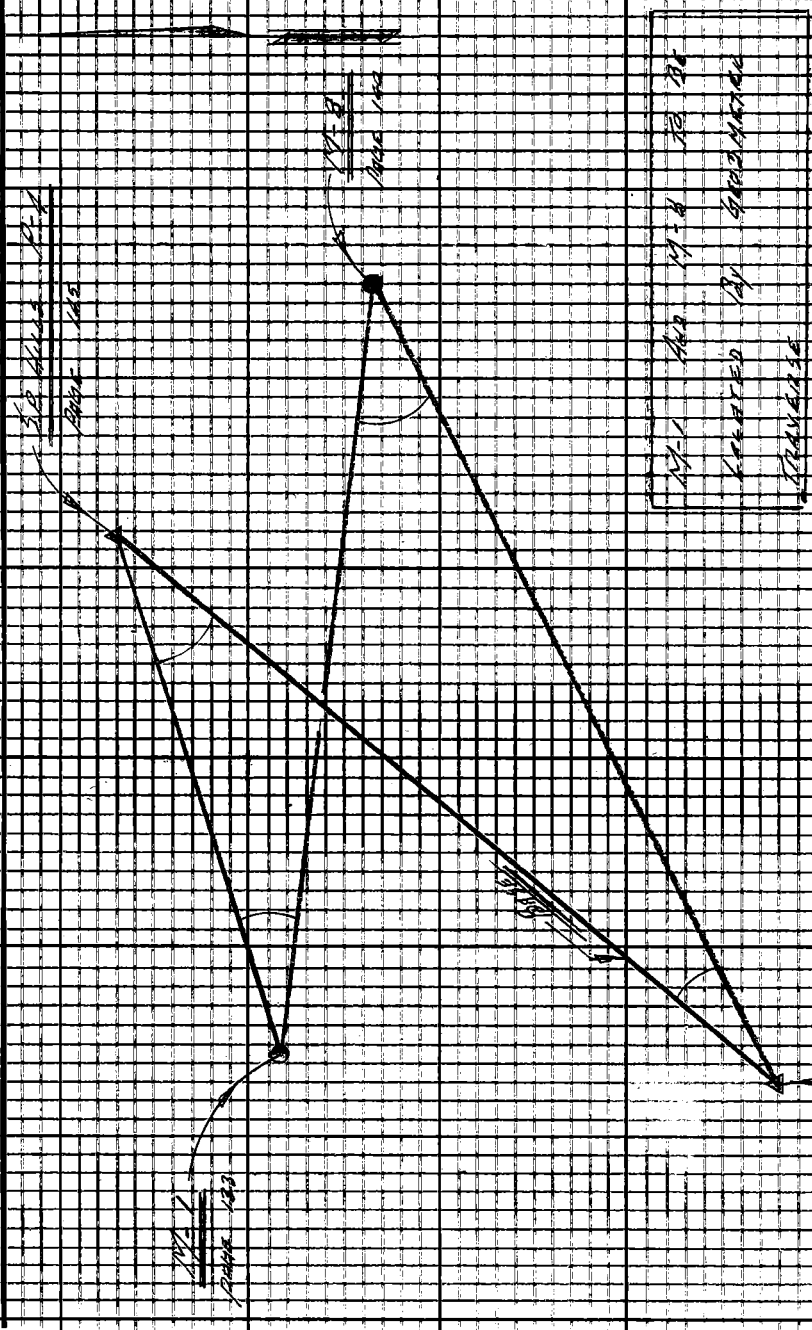
CEFB 2922-124



Miraleste Area

Notes Ck'd by	Survey of Photo Control
Map No.	JN [illegible] Tape Sta °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date [illegible]
Date	Indexed C. J. GALLI

F. B. 2922 PG. 125



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76F309S CE#310 1-65

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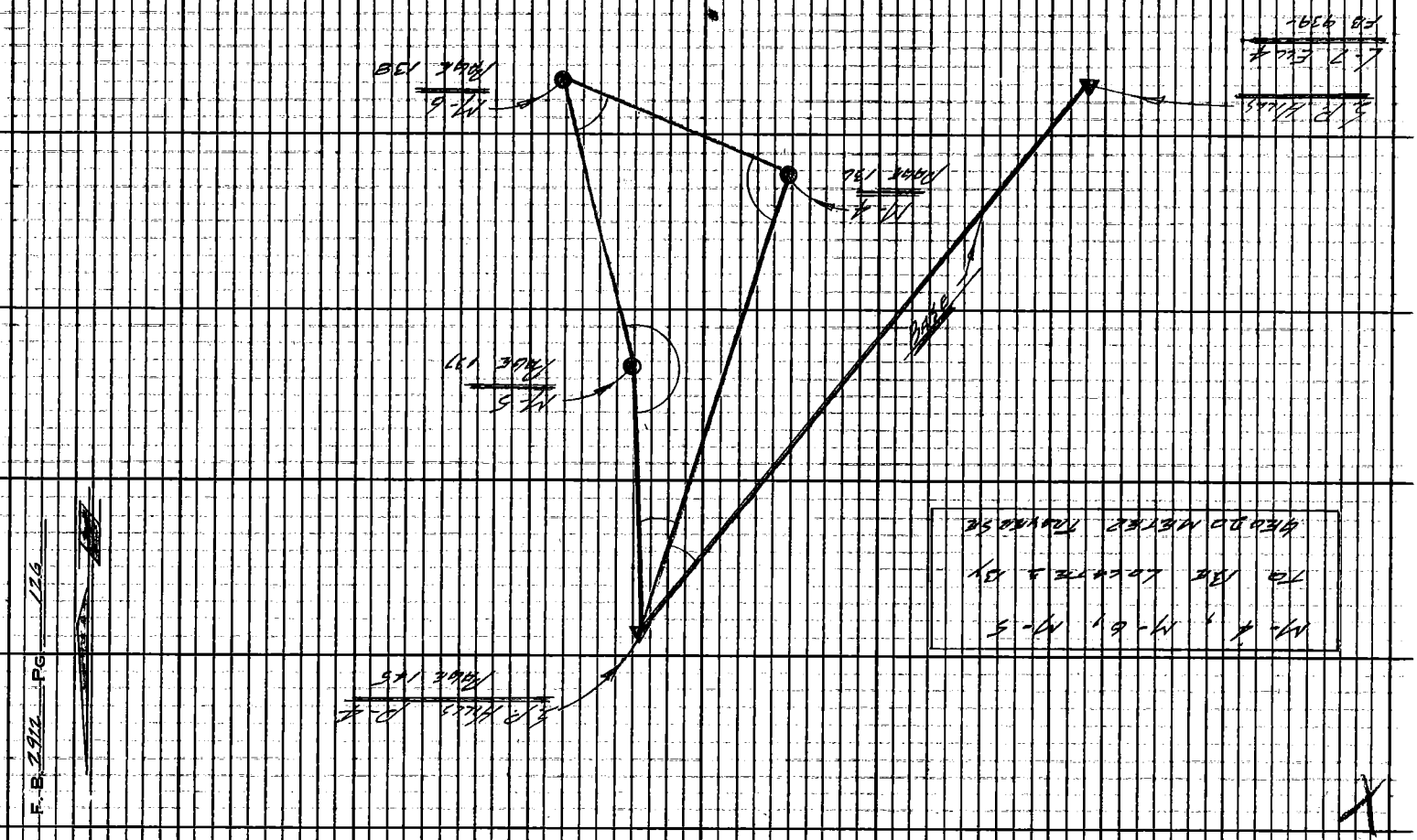
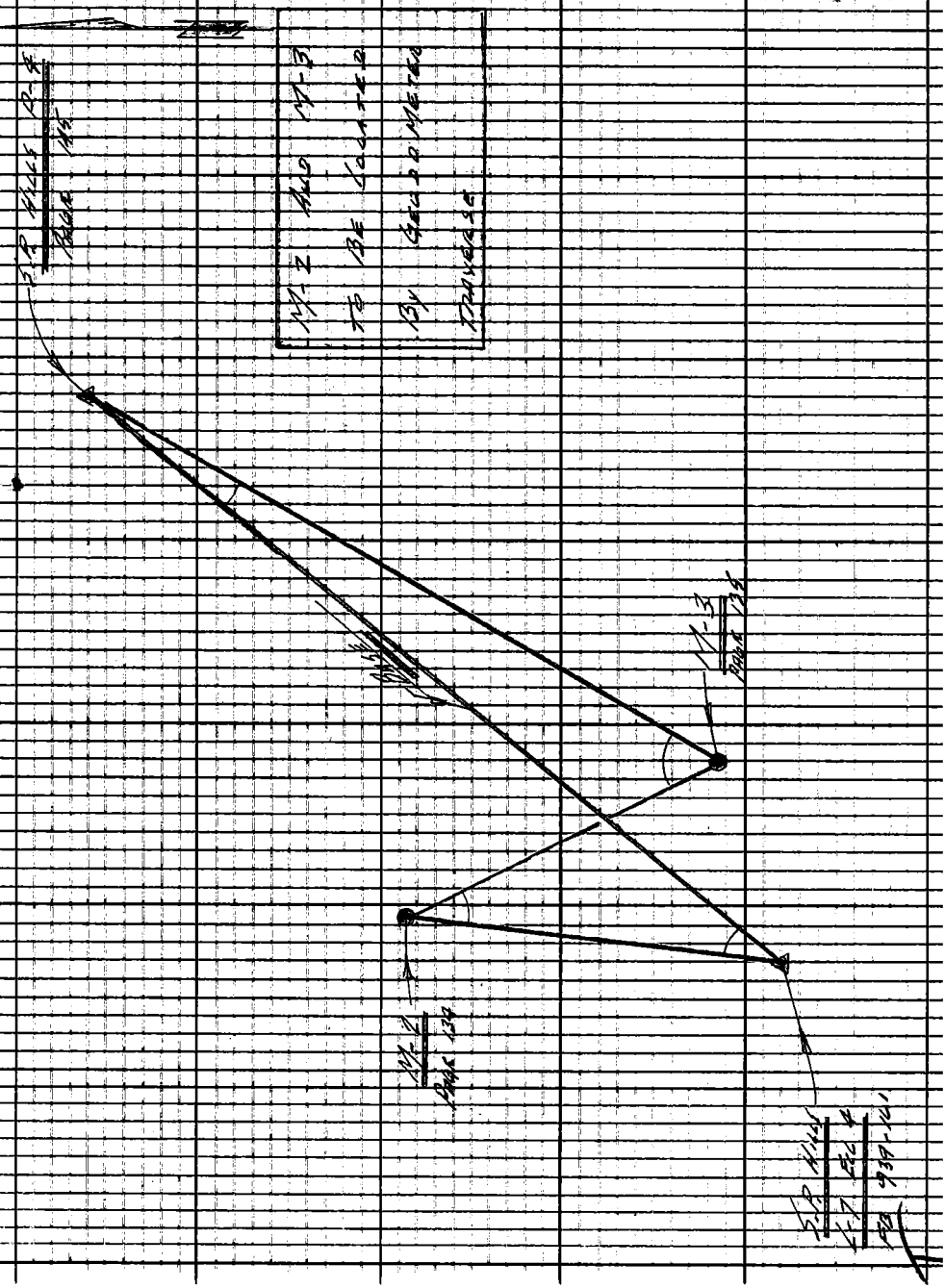


F.B. 2912 PG 126

MIROLESTE AREA

Notes Ck'd by	Survey of Photo Control	F.B. 2922 PG. 127
Map No.	JN 0092-14 Tape Std °F	
Office Work	Surveyed by Lind	
Checked	Notes Lind Date 5-2-68	
Date	Indexed G. J. GALLI	



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

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76F309S CE#310 1-65

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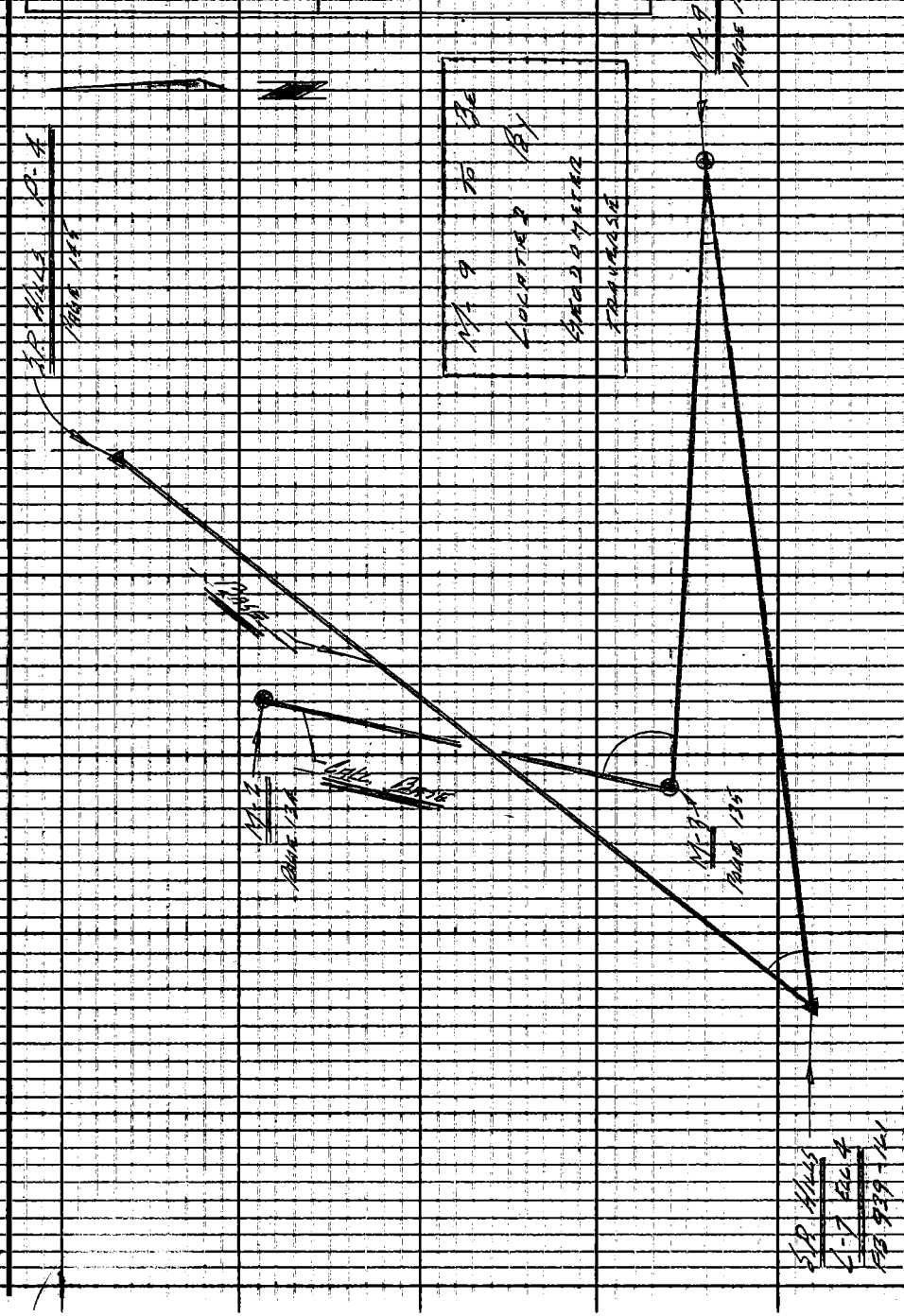
F.B. 2922 PG 120

TRIANGULATION
CALIBRATED BY
M-1 TO 3E

MIRALESTE AREA

Notes Ck'd by	Survey of PHOTO CONTROL	F. B. 2922 PG. 129
Map No.	JN 0697.69 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 5-2-68	
Date	Indexed C. J. GALLI	



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1.65

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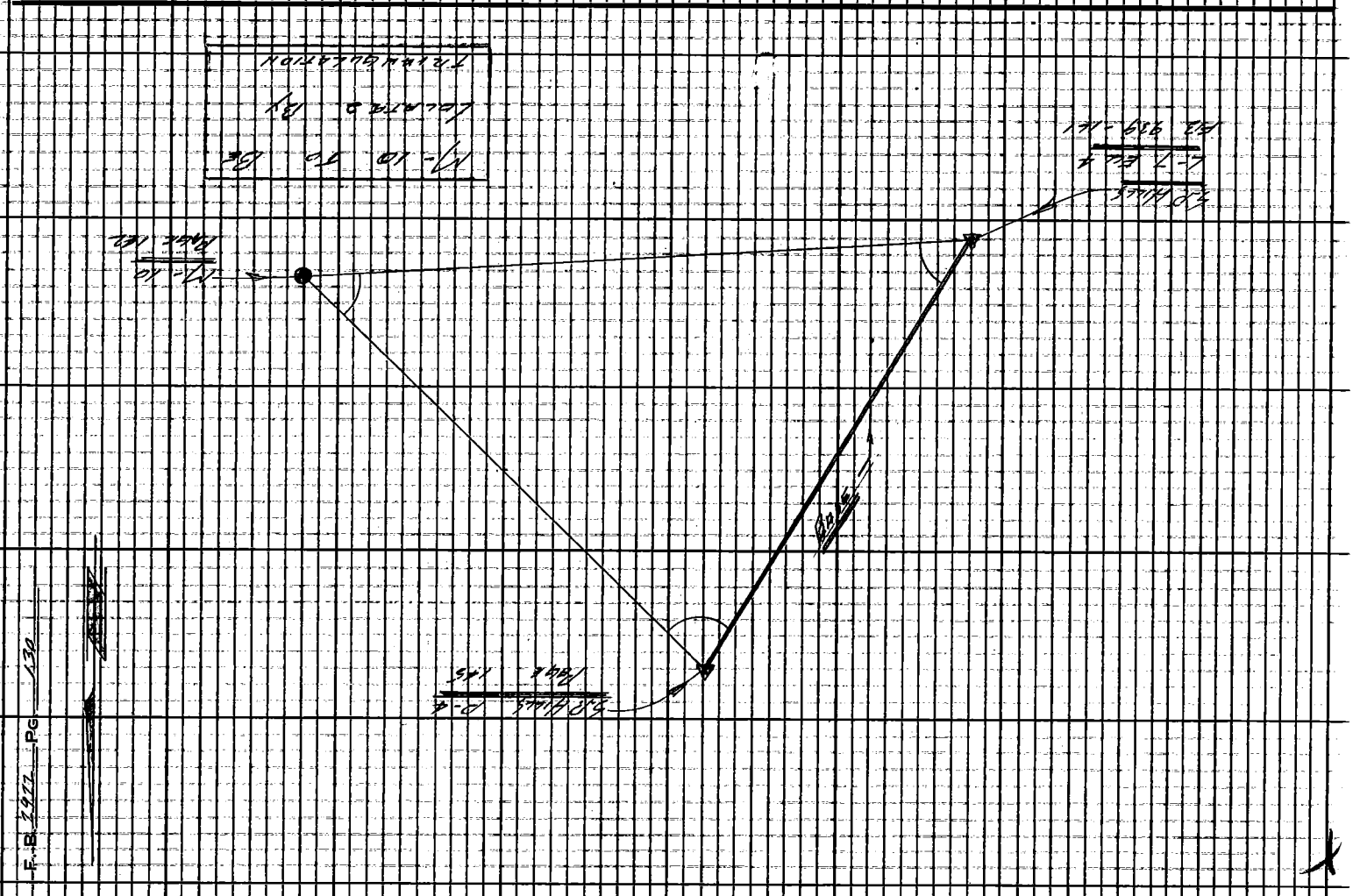
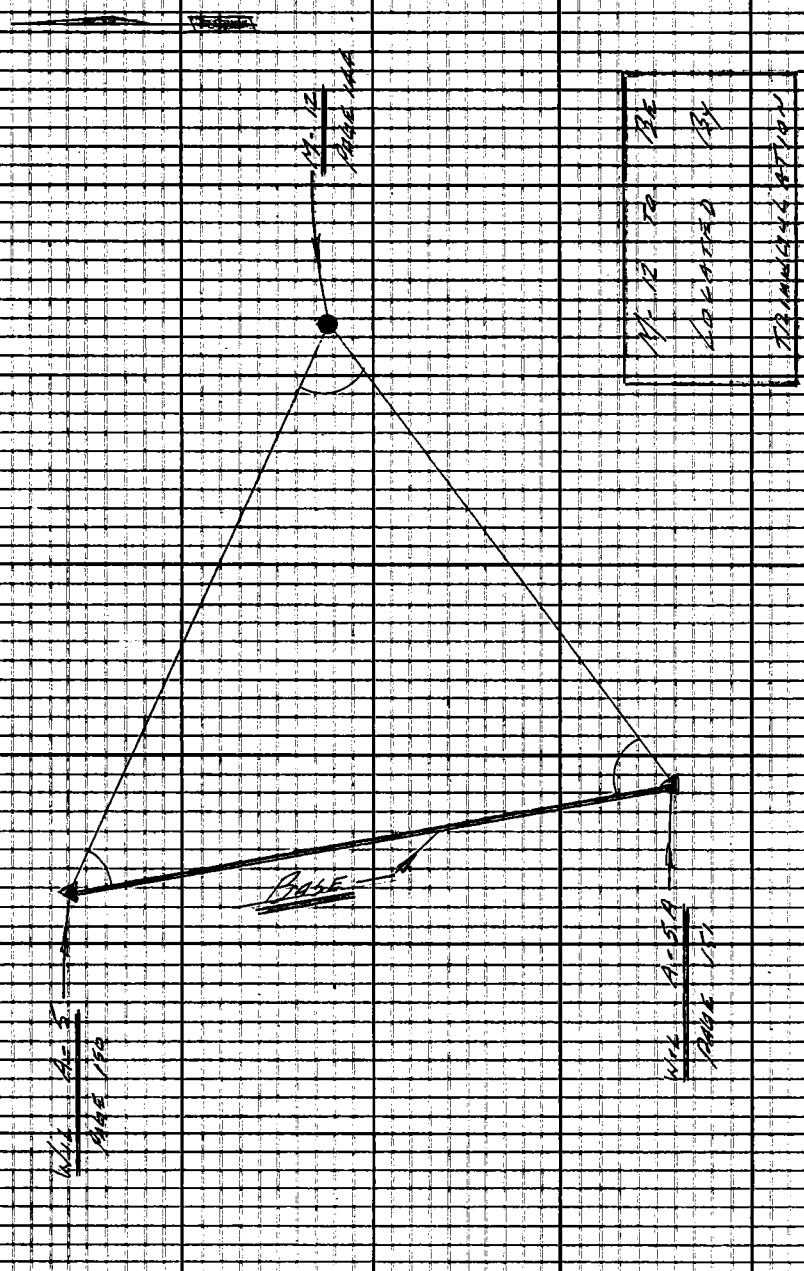
Do not extend this side of this line.



MIRALESTE AREA

Notes Ck'd by	Survey of Photo Control	F. B. 7927 PG. 131
Map No.	JN 0097-19 Tape Std °F	
Office Work	Surveyed by Line	
Checked	Notes Line Date 5-2-68	
Date	Indexed C. J. GALLI	



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

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F309S CE#310 1-65

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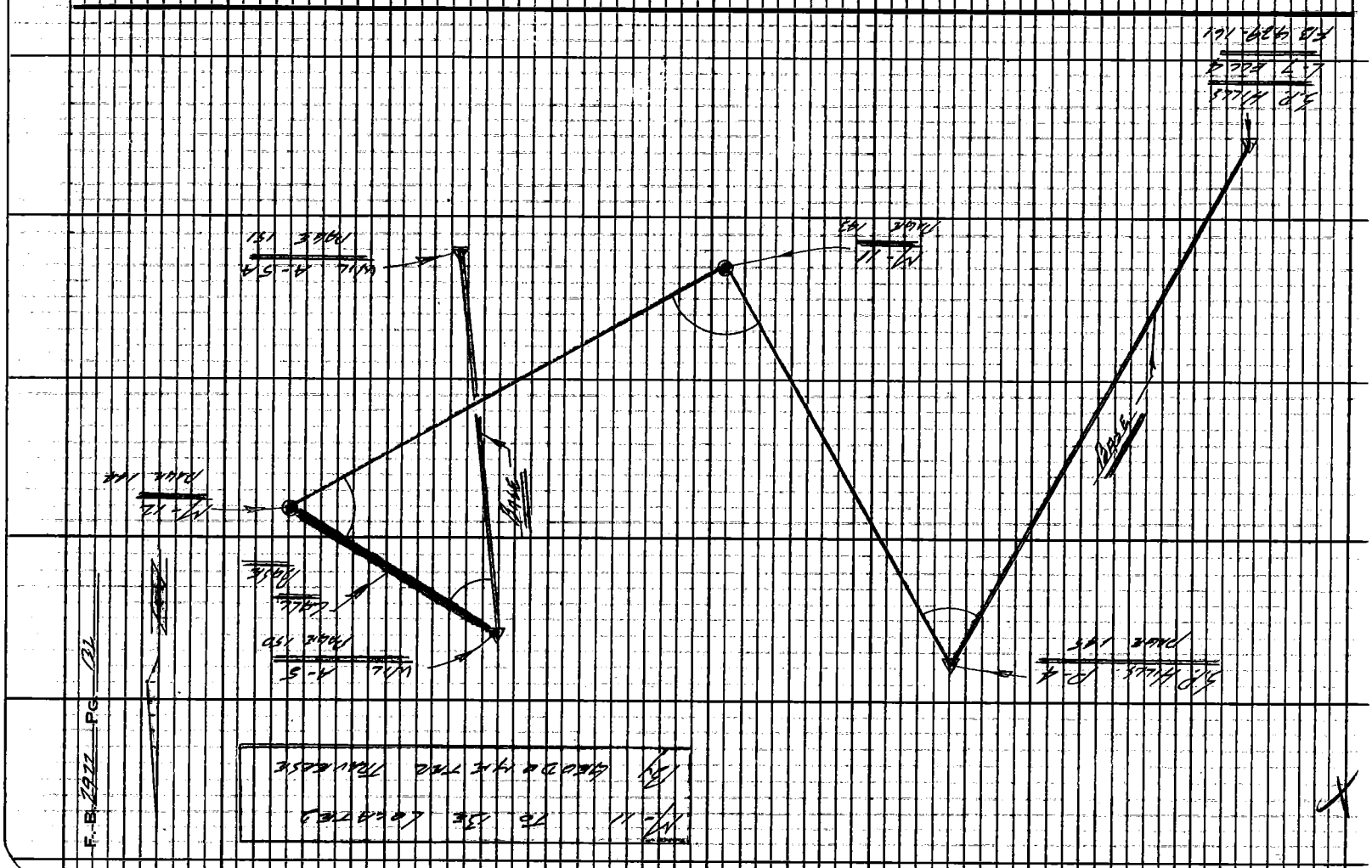
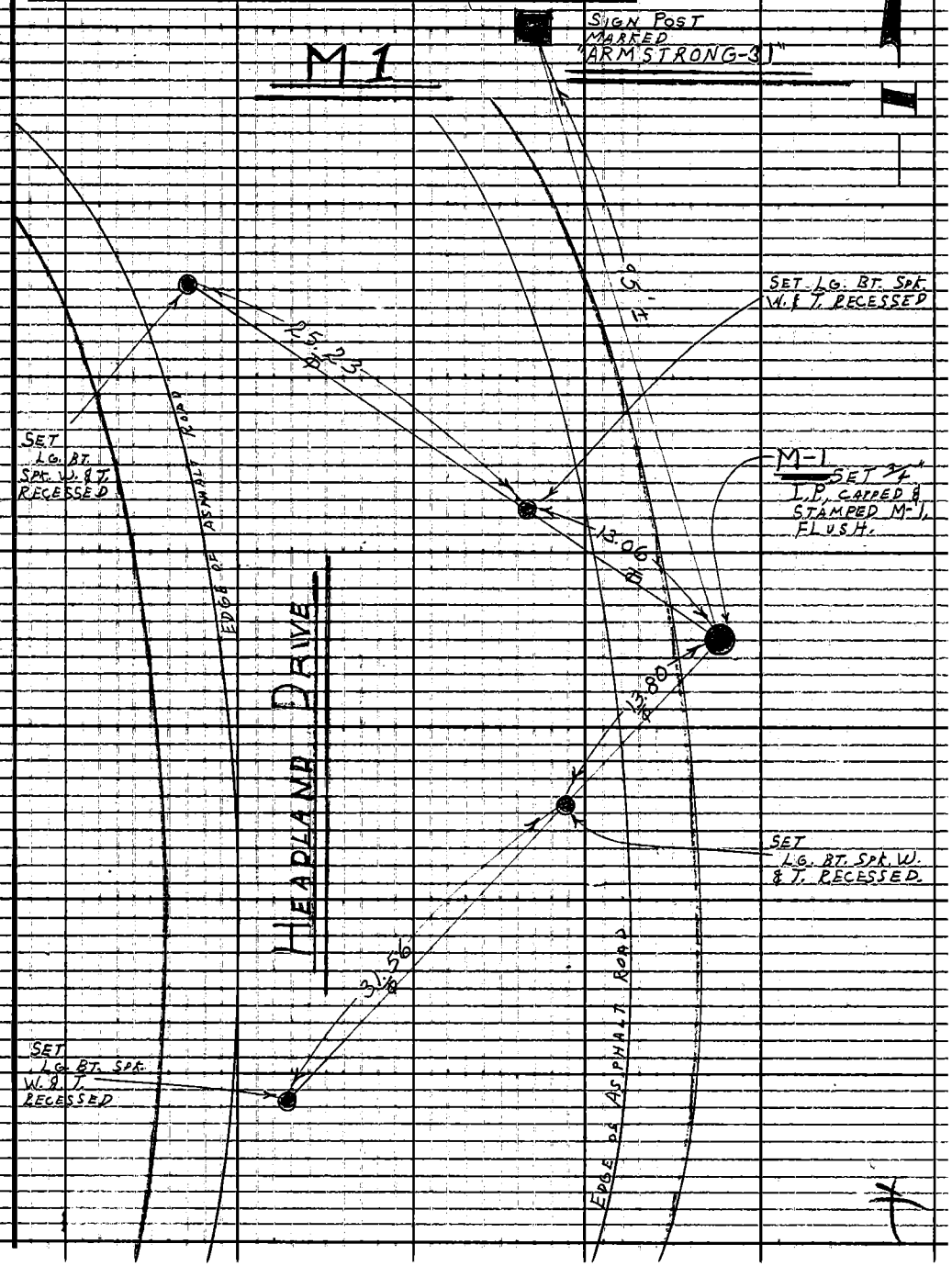


F.B. 2922 PG. 132

95

Notes Ck'd by	Survey of MIRALESTE PHOTO
Map No.	JN0097.69 Tape 0238 Std 68 °F
Office Work	Surveyed by LIND
Checked	Notes JONES Date 4-30-68
Date	Indexed C. J. GALLI

F. B. 2922 PG. 133



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

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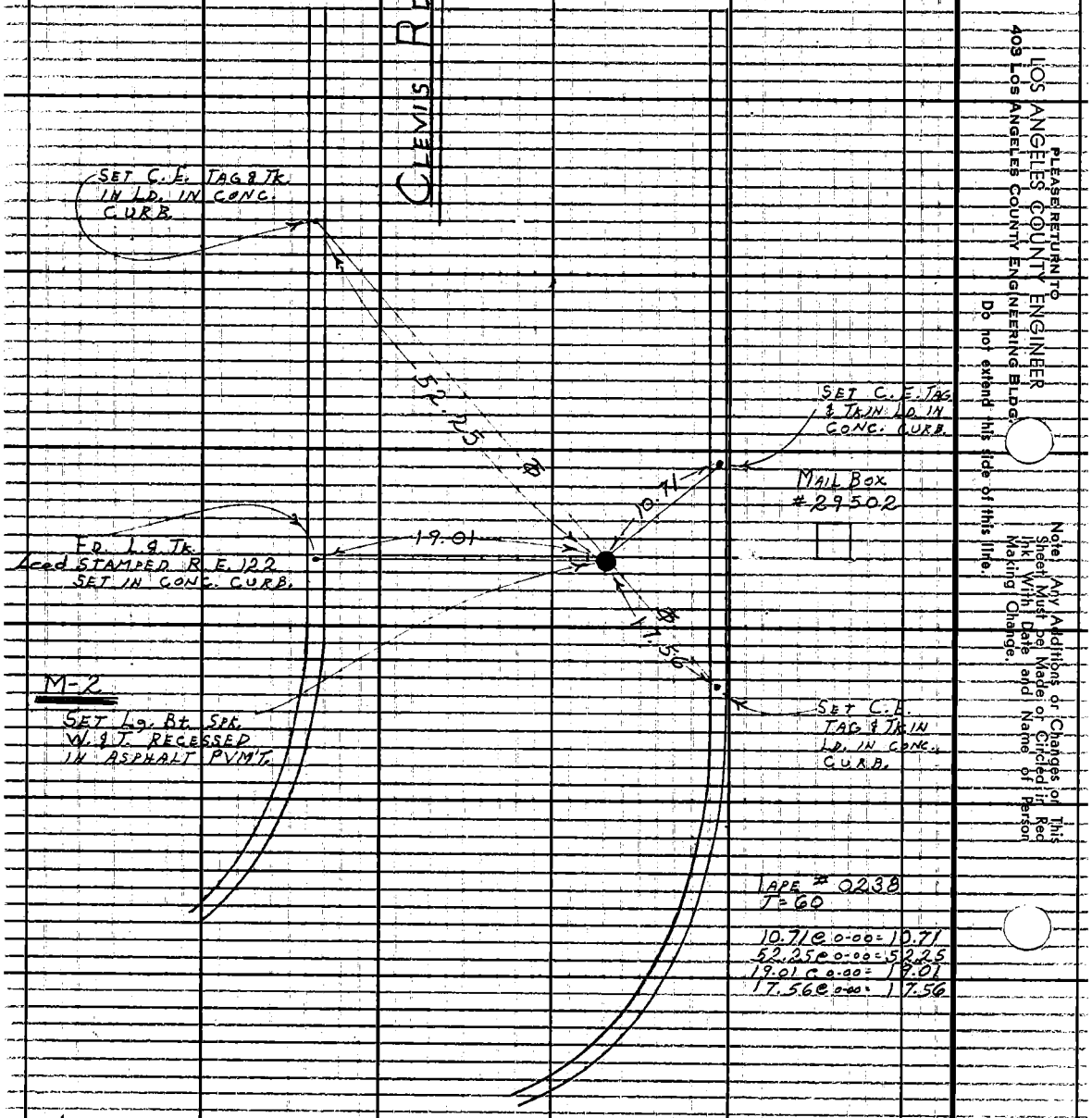
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F.B. 2922 PG. 134

M-2



LOS ANGELES COUNTY ENGINEER
409 Los Angeles County Engineering Bldg.

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TAPE # 0238
T=60

10.71 @ 0-00 = 10.71
52.25 @ 0-00 = 52.25
19.01 @ 0-00 = 19.01
17.56 @ 0-00 = 17.56

Notes Ck'd by	Survey of MIRALESTE PHOTO
Map No.	J.N. ~~2097-68~~ Tape ~~0838~~ Std ~~68~~ °F
Office Work	Surveyed by LIND
Checked	Notes JONES Date 4-30-68
Date	Indexed C.J. GALLY

F.B. 2722 PG. 135

M-3

SET C.E. TAG & TK IN L.D. IN CONC. CURB.

1.09'

9.49'

FD. CHISLED + IN CONC. CURB

M-3
SET 3/4" CAPPED I.P. FLUSH, STAMPED M-3.

SET C.E. TAG & TK IN L.D. IN CONC. CURB.

FD. TAG & TK. IN L.D. IN CONC. CURB STAMPED L.S. 2600.

CROWNVIEW DRIVE

HOUSE No 3176

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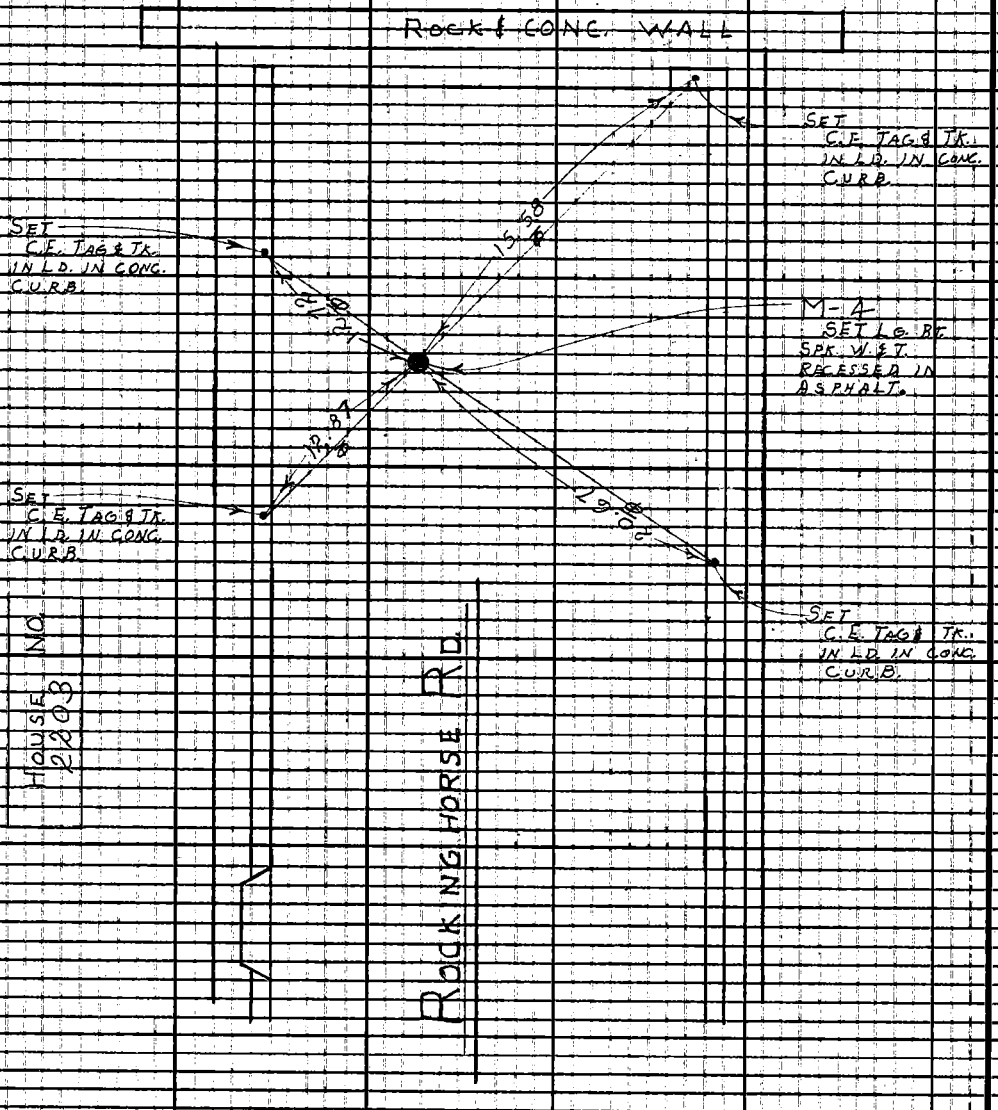
408 Los Angeles County Engineering Bldg.

76F-3095 CE# 310 1-65

F.B. 2922 PG. 136

M-4



HOUSE NO. 22803

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

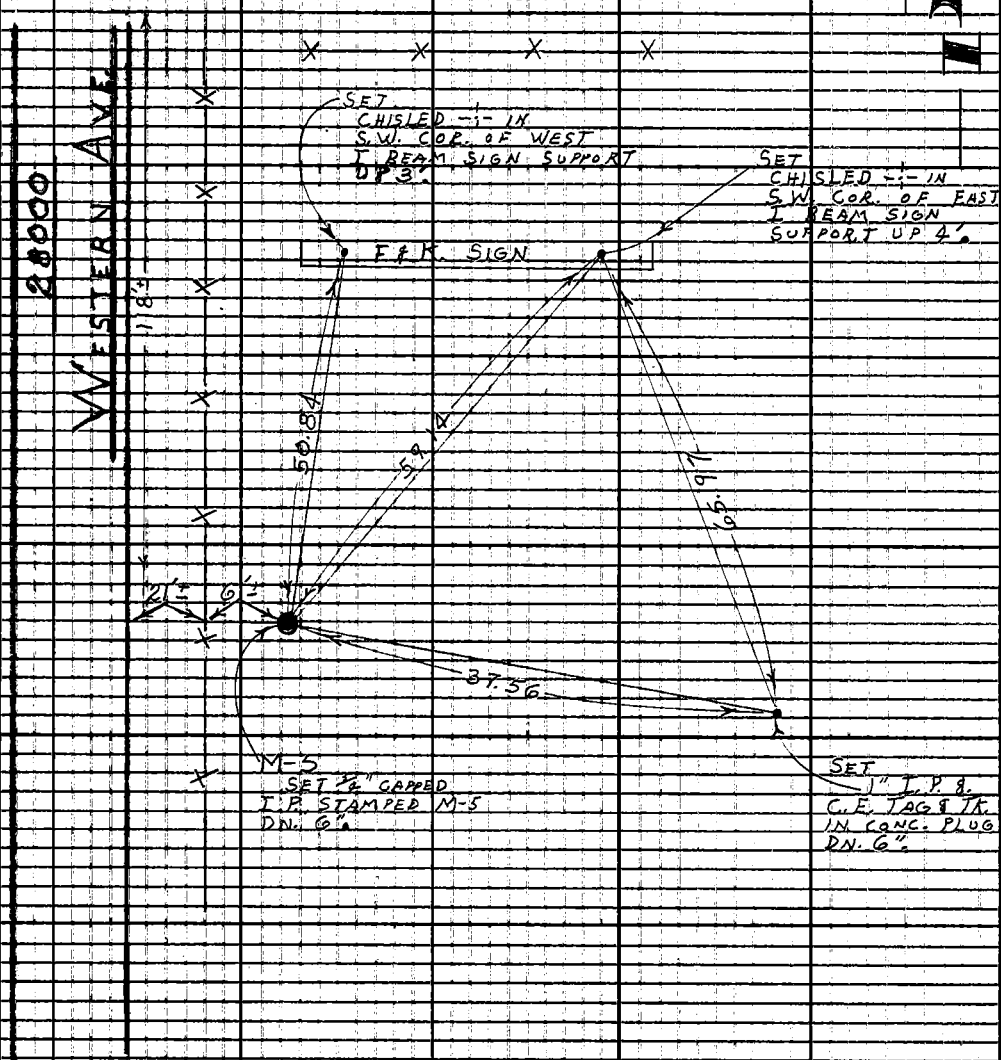
M-5

Notes Ck'd by	Survey of
Map No.	J.N. Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed C. J. GALLI

F. B. 2922 PG. 137

M-5

LOCHMANN DRIVE IN DAIRY



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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

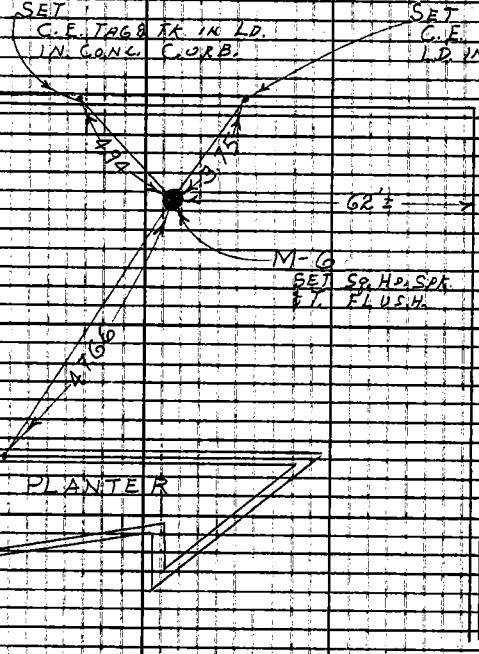
76F309S CE#310 1-65

M-6

F.B. 2922 PG. 138

CADDINGTON DR.

TEXACO SERVICE STATION



WESTERN AVE.

FOOD GIANT PARKING LOT

LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PLEASE RETURN TO

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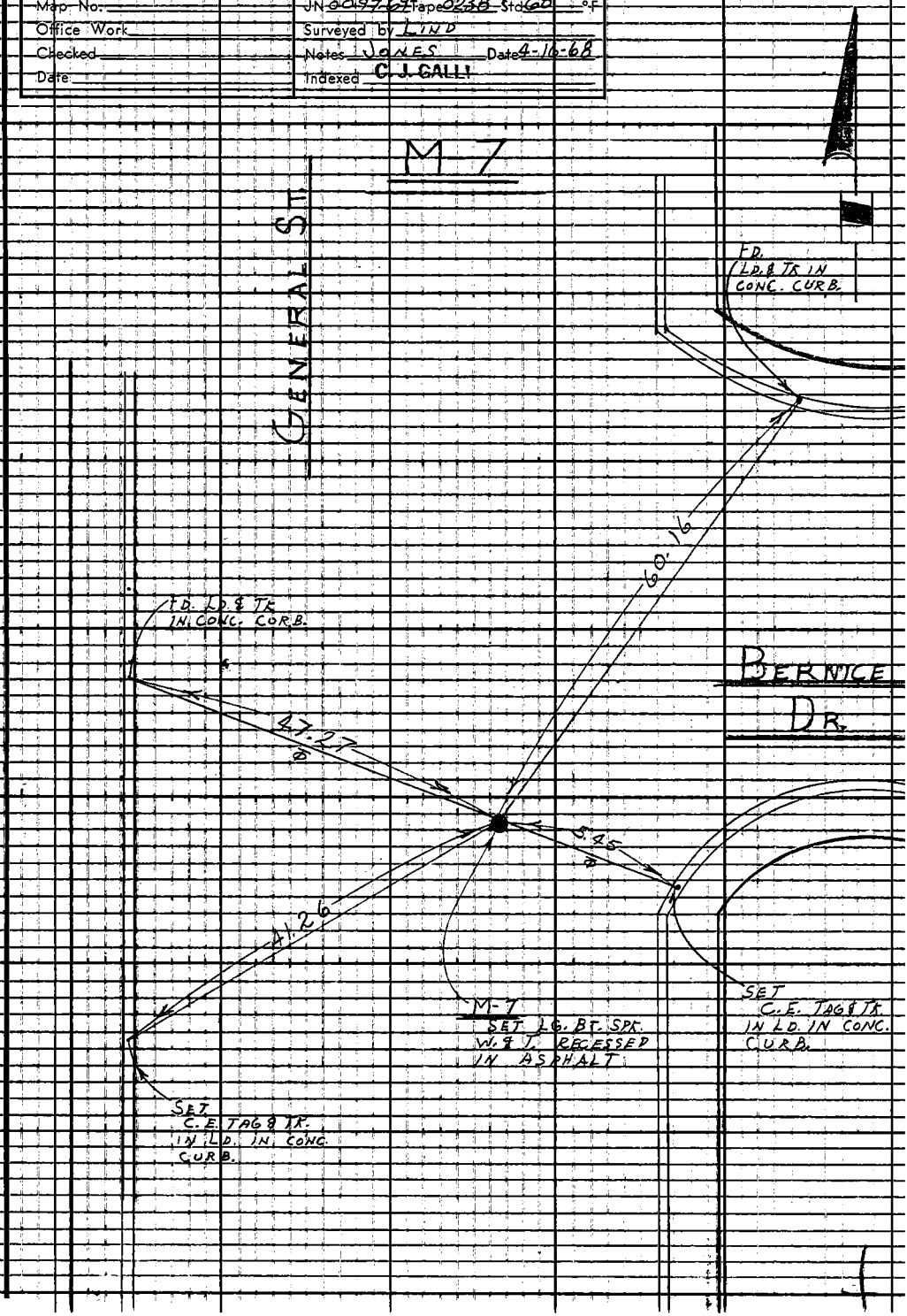
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of MIRALESTE PHOTO
Map No.	JN 0097-69 Tape 0238 Std 68 °F
Office Work	Surveyed by LIND
Checked	Notes JONES Date 4-16-68
Date	Indexed C. J. GALLI

F. B. 2922 PG. 139



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

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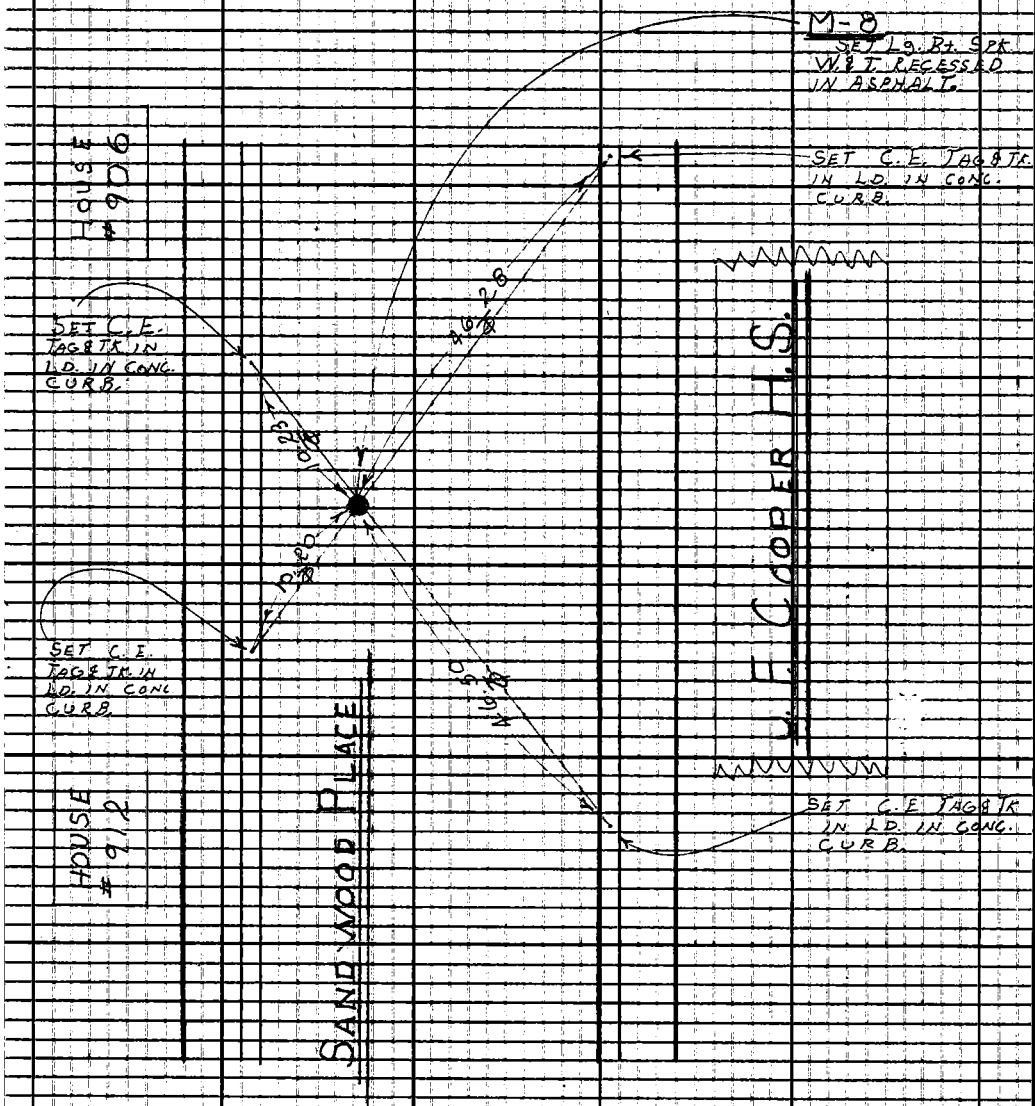
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F.B. 2922 PG. 140

M-8



PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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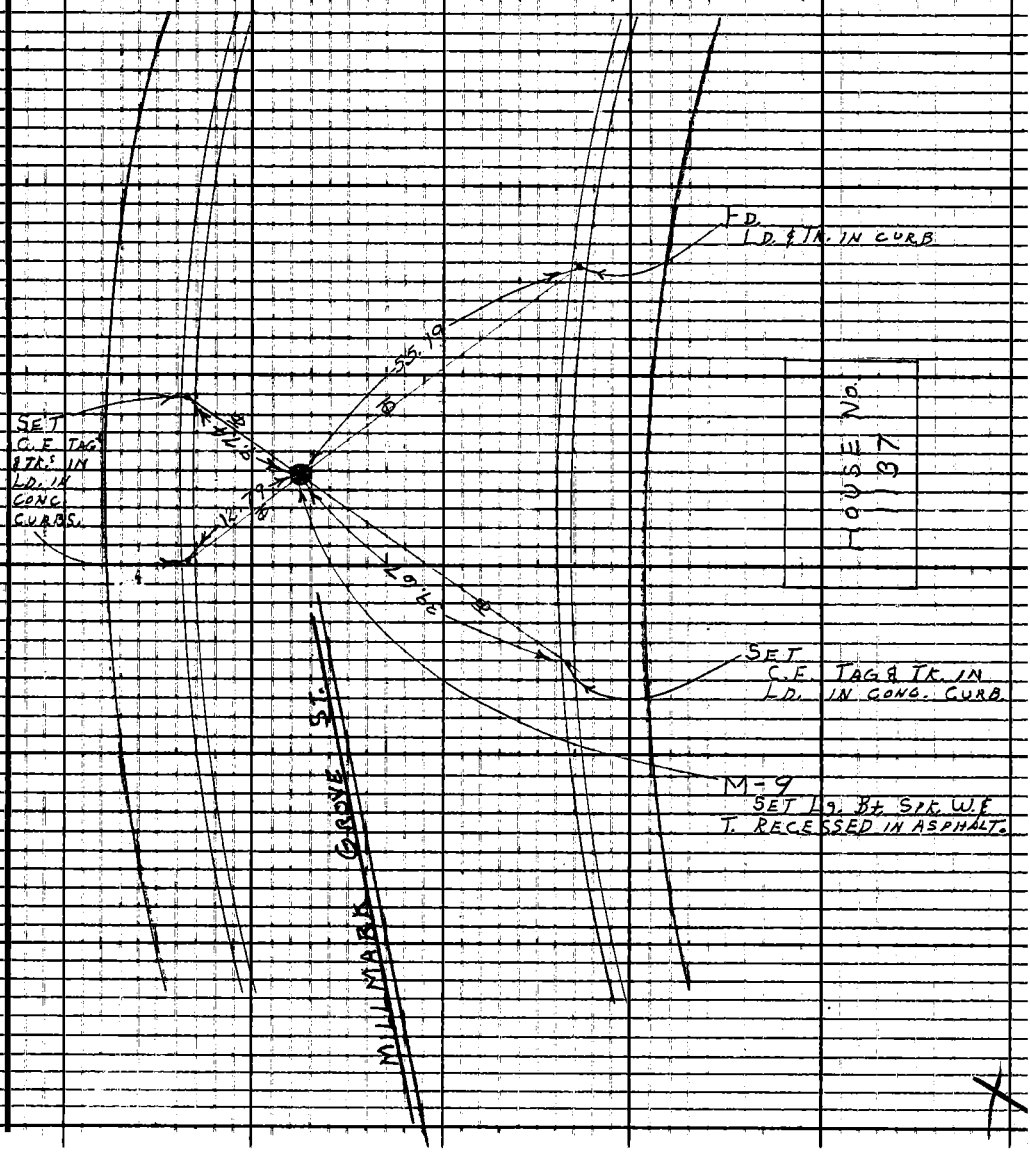
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of MIRALESTE PHOTO
Map No.	JN 0097-68 Tape 0328 Std 68 °F
Office Work	Surveyed by LIND
Checked	Notes JONES Date 4-30-68
Date	Indexed C. LGALLI

F.B. 2922 PG. 141

M-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.

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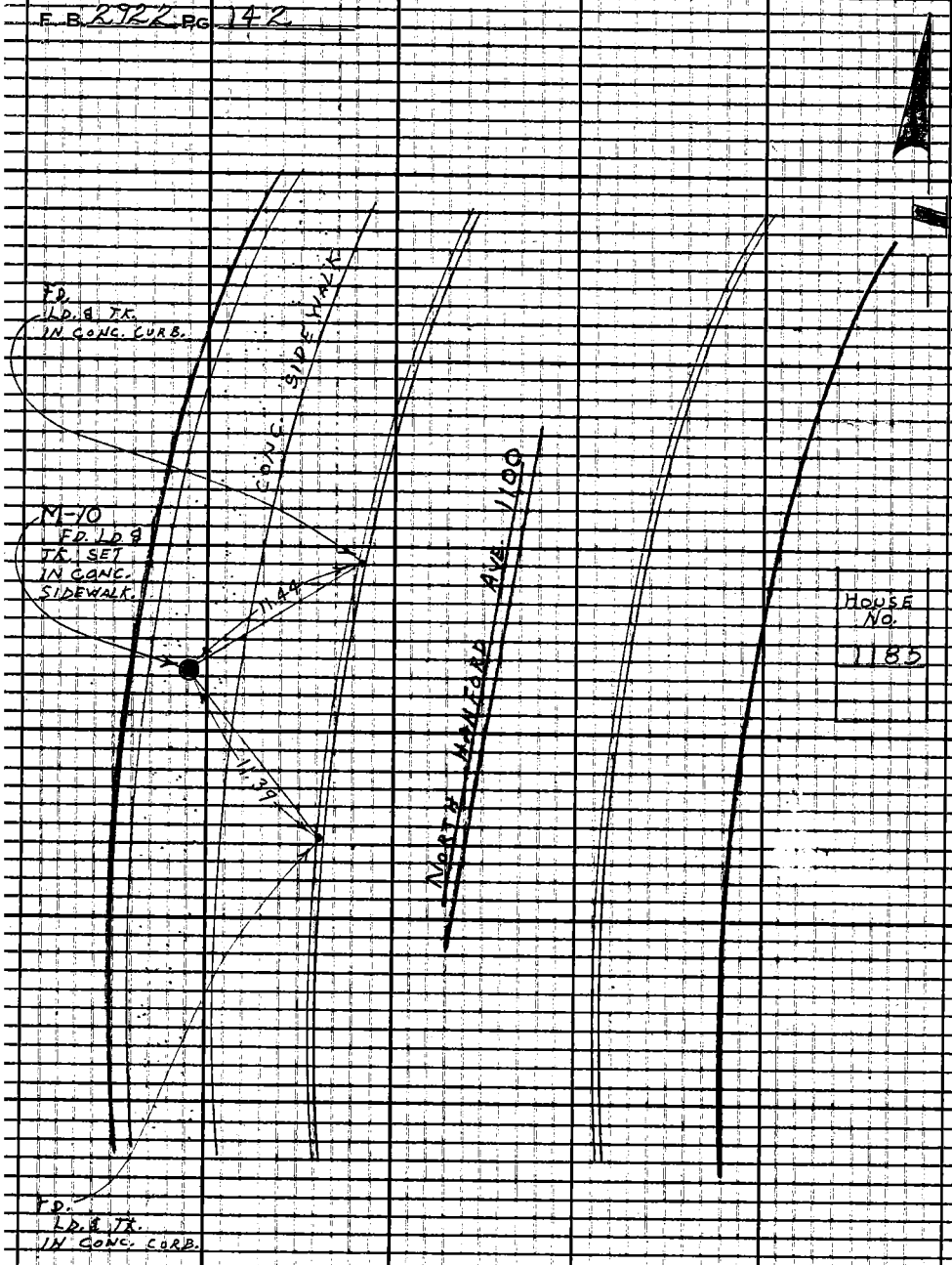
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F.B. 2922 PG. 142



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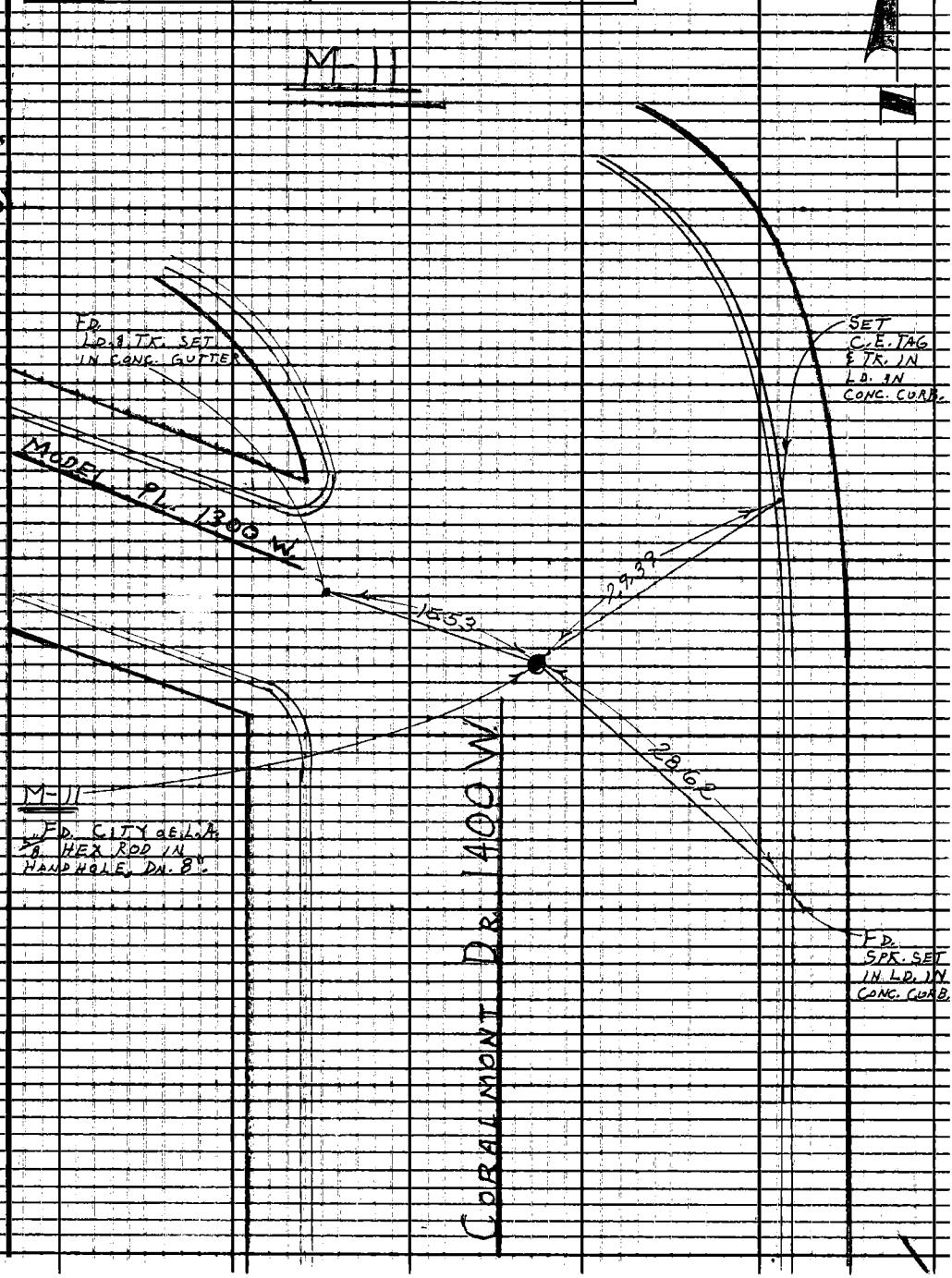
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of MIRALESTE PHOTO CON.
Map No.	JN 0097.69 Tape 0238 Std 68 °F
Office Work	Surveyed by LIND
Checked	Notes JONES Date 4-18-68
Date	Indexed C. J. GALLI

F.B. 2922 PG. 43



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

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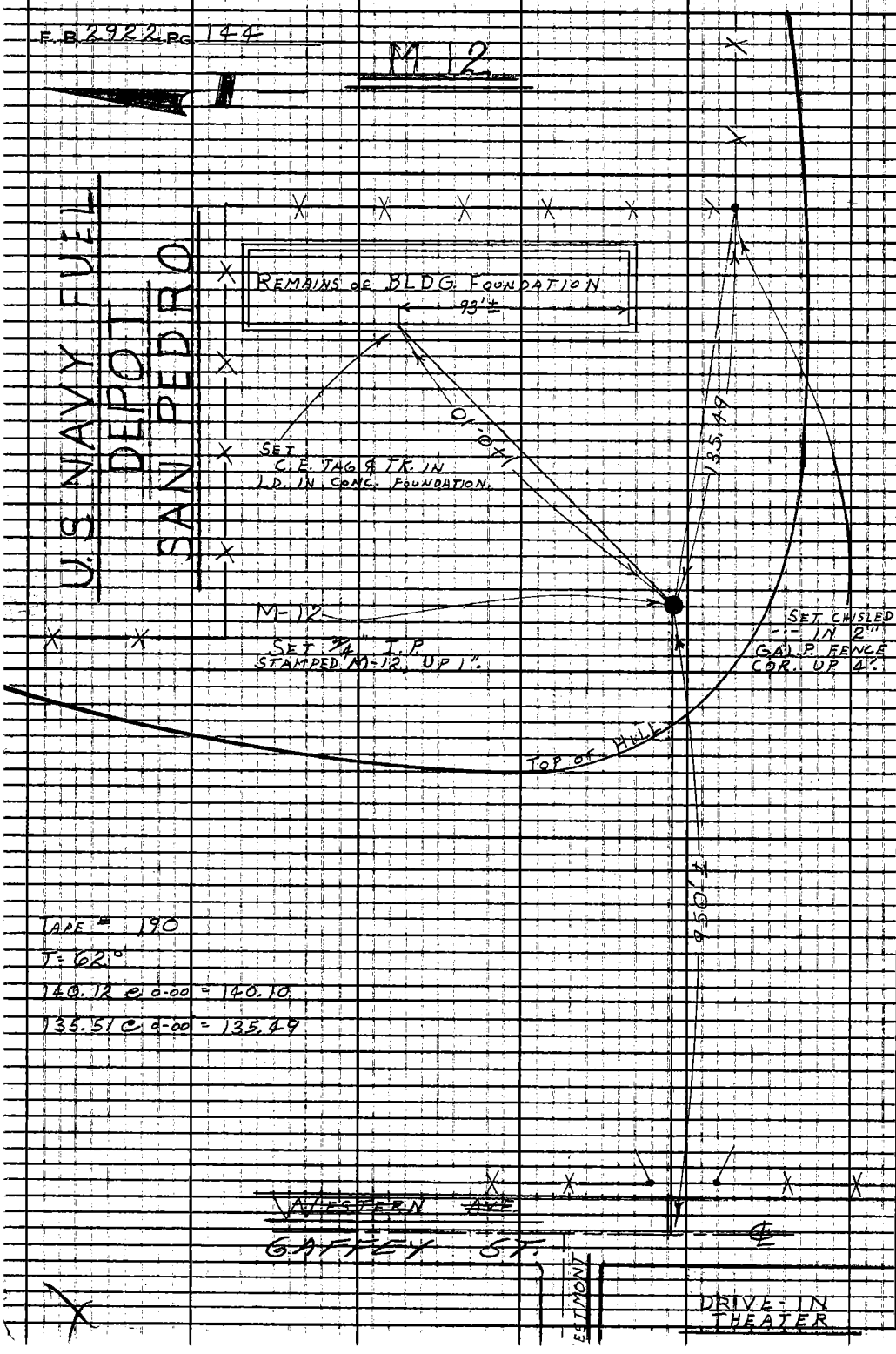
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F.B. 2922 PG. 144

M-12



TAPE # 190

T = 62°

140.12 @ 0-00 = 140.10

135.51 @ 0-00 = 135.49

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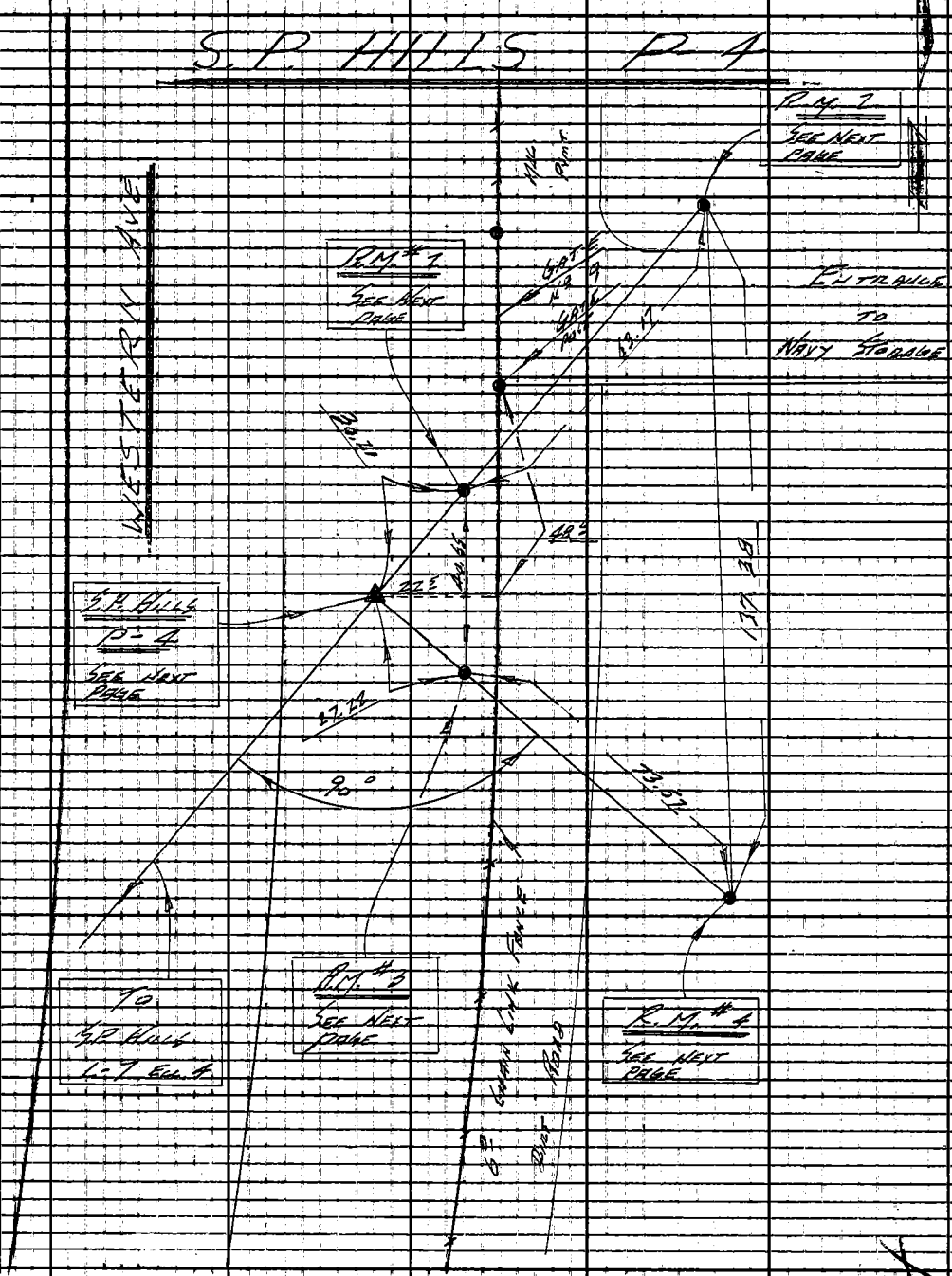
MIRALESTE AREA

Notes Ck'd by	Survey of PHOTO CONTROL
Map No.	JN 0097.69 Tape 190 Std 84 °F
Office Work	Surveyed by LINZ
Checked	Notes LINZ Date 4-29-69
Date	Indexed C. J. GALLI

F. B. 2422 PG. 145



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76F309S CE#310 1-65

F.B. 2922 PG. 141

STATION DESCRIPTION

S.P. HILLS P-4

THIS STATION IS IN L.A. COUNTY IN A CURVE OF WESTERN AVE ABOUT 0.35 MILE SOUTH OF PALOS VERDES DRIVE NORTH.

SOUTH OF THE SOUTH GATE POST OF GATE No 9 NAVY STORAGE, WEST OF THE EAST P/L FENCE.

STATION MARK

FOUND L.A. CITY 3/4" HEX ROD SET IN CONC. DN 15"

REF MARKS

R.M. #2 SET 1" I.P. CONC. PLUG AND C.E. TAG DN 18"

R.M. #1 SET 1" I.P. CONC. PLUG AND C.E. TAG DN 18"

R.M. #3 SET 1" I.P. CONC. PLUG AND C.E. TAG DN 18"

R.M. #4 SET 1" I.P. CEM PLUG AND C.E. TAG DN 18"

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Profile No.	Notes Red	Plotted	Job No. 0097.69	Division No. 11	F.B. 2922	Pg. 167
	Date	Date	Survey of MIRALESTE AREA PHOTO CONTROL			
X-Sec. No.	Notes Chkd.	Checked	Survey by LN3	Notes LND	Date 4-29-68	
	Date	Date	Map No.	Indexed C. J. GALLI	Date	

J.N. 0097.69

MIRALESTE AREA PHOTO CONTROL

TRAVERSE STATION

S.P. HILLS P-4 L.A. CITY

ELEVATIONS OF REFERENCE MARKS

STATION	B.S.	H.I.	F.S.	ELEV.
			4-29-68	
		LN3 JONES DIETZ		
	MUNOZ LOVE			

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76-J-298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
SPH P 4	474	262 84		258.10	TRAVERSE STATION SAN PEDRO HILLS L.A. CITY 3/4" HEX ROD SET IN CONC. PER. L.A.B.E. SEE. F.B. 2922 - 145 FOR DESC.	EL= 258.1 P-4
R.M. #1	646	262 96	634	256 50	RM #1 FOR DESC SEE PAGE 145	
R.M. #2	669	261 92	773	255 23	R.M. #2 FOR DESC. SEE PAGE 145	
R.M. #4	736	261 71	757	254 35	R.M. #4 FOR DESC SEE PAGE 145	
R.M. #3	580	262 23	528	256 43	R.M. #3 FOR DESC SEE PAGE 145	
SPH P4			413	258.10	TRAVERSE STATION SEE ABOVE	S.P.H. P-4

F.B. 2922 PG. 148
Job No. 004769 Division No. 11 Notes Red Plotted Profile
Survey of MIRELESTE AREA PAVTO CONTROL Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Chkd. Checked No.
Indexed C.J. GALLI Date Date Date

MIRA LESTE AREA

Notes Ck'd by	Survey of PHOTO CONTROL	F. B. 2922 PG. 149
Map No.	JN 0047-69 Tape Std °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 5-2-68	
Date	Indexed C. J. GALLI	

WIL A-4-B

L.A. CITY

ON THE CENTERLINE P.I. IN GAFFEY ST. 1.1 MILES SOUTH OF ANAHEIM ST. 145.5 NLY FROM S.&T. IN RR # 17577 M., 27.1 ELY FROM S.&T. IN RR 17577 M.

STATION MARK

S.S.M.

FOUND 3/4" HEX ROD SET IN CONC. ON 15" IN H.H.

NOTE: THIS DESCRIPTION COPIED FROM L.A. CITY GEODETIC DATA SHEET

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

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76F309S CE#310 1-65

F. B. 2922 PG. 150

WIL A-5

L. A. CITY

ON THE CENTERLINE OF GAFFEY STREET 1.3 MILES SOUTH OF ANAHEIM ST, 144.2 FT NORTH OF THE CENTERLINE OF WESTMONT DR. 95.3 FT N. ELY FROM S.&T. IN PP # 151108 M. 37.90 FT ELY FROM S.&T IN PP # 514287 H.

STATION MARK

S.S.M.

FOUND 3/4" HEX ROD SET IN CONC. DN 18" IN A H.H.

NOTE: THIS DESCRIPTION COPIED FROM L. A. CITY GEODETIC DATA SHEET

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MIRALESTE AREA

Notes Ck'd by	Survey of PHOTO CONTROL
Map No.	JN 0092-69 Tape Std °F
Office Work	Surveyed by LINA
Checked	Notes LINA Date 5-2-68
Date	Indexed C. J. GALLI

F. B. 2922 PG. 151

WIL. A 5 A

L. A. CITY

ON THE CENTERLINE OF GAFFEY STREET 1.5 MILES SOUTH OF ANAHEIM ST., 774.3 FT NORTH OF THE CENTERLINE OF CAPITOL DR. 83.5 FT SELY FROM S.&T. IN P.P. # 17590 M. 52.4 FT SWLY FROM S&T IN P.P. # 497743 H.

STATION MARK

STM

FOUND STD L.A. B.E. TRAVERSE MAN D.H. 18" IN H.H.

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X

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76F309S CE#310 1-65

F. B. 2922 PG. 152

L. A. CITY

WIL. B 61

ON THE INTERSECTION OF THE CENTERLINE OF GAFFEY ST. AND THE OFFSET LINE IN GATUN ST. PARALLEL TO AND 25 FT. SOUTH OF THE NORTH P/L.

STATION MARK

S.S.M.

FOUND 3/4" HEX-ROD SET IN CONC. DH. 10" IN A.H.H.

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MIRALESTE AREA

Notes Ck'd by	Survey of PHOTO CONTROL
Map No.	JN 0097-19 Tape Std °F
Office Work	Surveyed by LIN 2
Checked	Notes LIN 2 Date 5-7-68
Date	Indexed C. J. GALLI

F. B. 2922 PG. 153

WIL. C-5A

L. A. CITY

IN THE CURVE OF WILMINGTON AND SAN PEDRO ROAD, 1.0 MILE N.ELY FROM BATTERY ST. 7.1 FT S.WLY FROM THIRD CENTERLINE SUB P.I. N.E. OF THE B.C. 46.7' S.W. OF S.ST. IN P.P. # 50748 R. 27.3 FT WEST OF S.ST IN P.P. # 51290 R.

STA. MARK

STM

FOUND L.A. CITY STA. TRAVERSE MON. DN. 15" IN H.H.

NOTE

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X

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76F309S CE#310 1-65

F.B. 2922 PG. 154

WIL. C-5

L.A. CITY

IN WILMINGTON AND SAN PEDRO ROAD 12.0 FT WEST OF THE EAST CURB LINE. OPPOSITE ENTRANCE TO WEST OIL TERMINALS CO AT 1601 WILMINGTON AND SAN PEDRO ROAD 41.7 FT SLY FROM S&T IN PP # 51275 R.

STA. MARK

STM.

FOUND L.A. CITY

STD TRAVERSE MON. 3 IN 15" IN H.H.

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Notes Ck'd by	Survey of MIRALESTE AREA PHOTO CONTROL
Map No.	JN 0097.69 Tape 190 Std 24 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 4-29-68
Date	Indexed C. J. GALLI

F. B. 2922 PG. 155

WN 00 97.69

MIRALESTE AREA

PHOTO CONTROL

CADASTRAL TIES

4-29-68

LIND
JONES
DIETZ
LOVE
MUNOZ

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76F309S CE#310 1-65

76F309S CE#310 1-65

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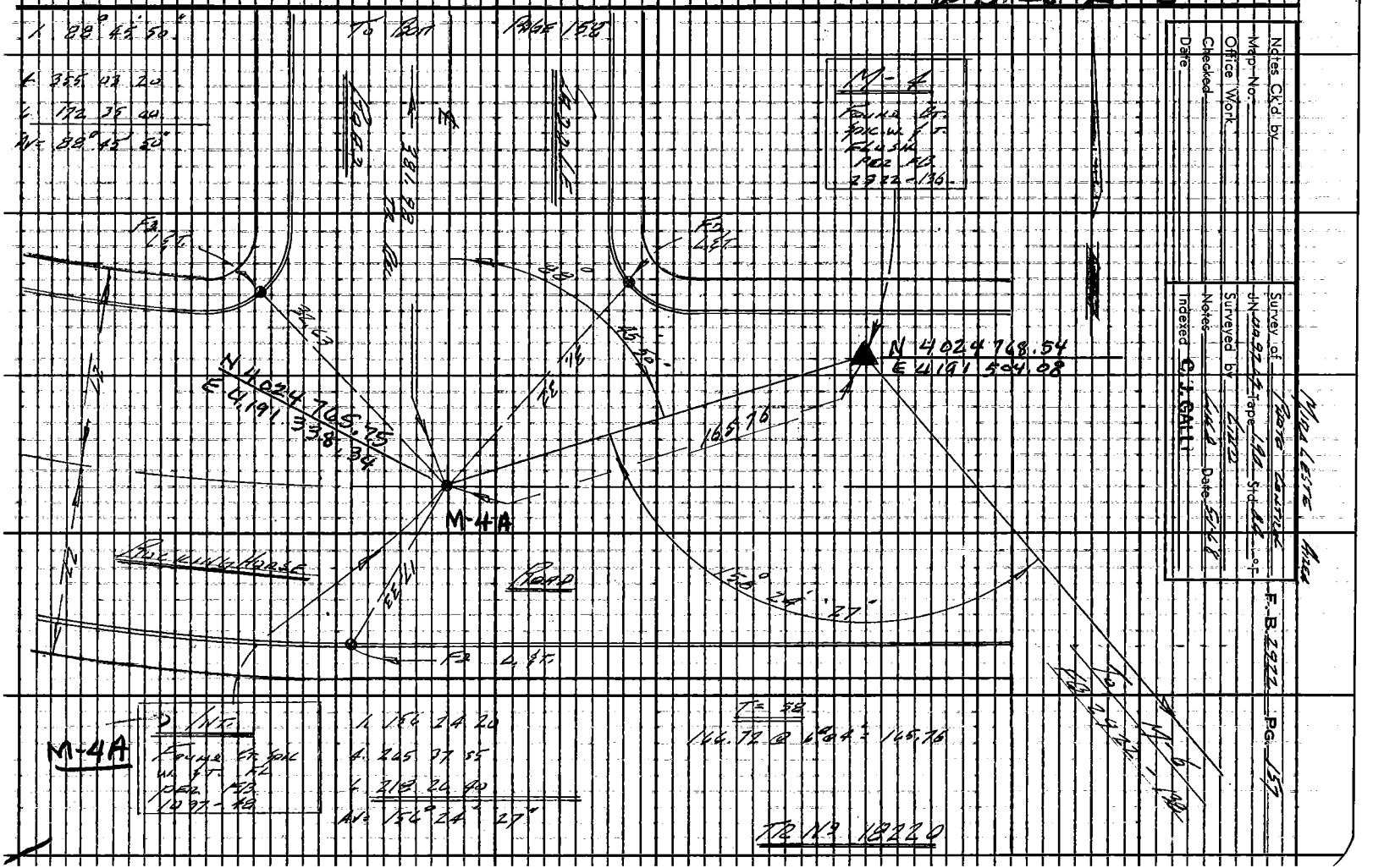
W.S. 28 A-5



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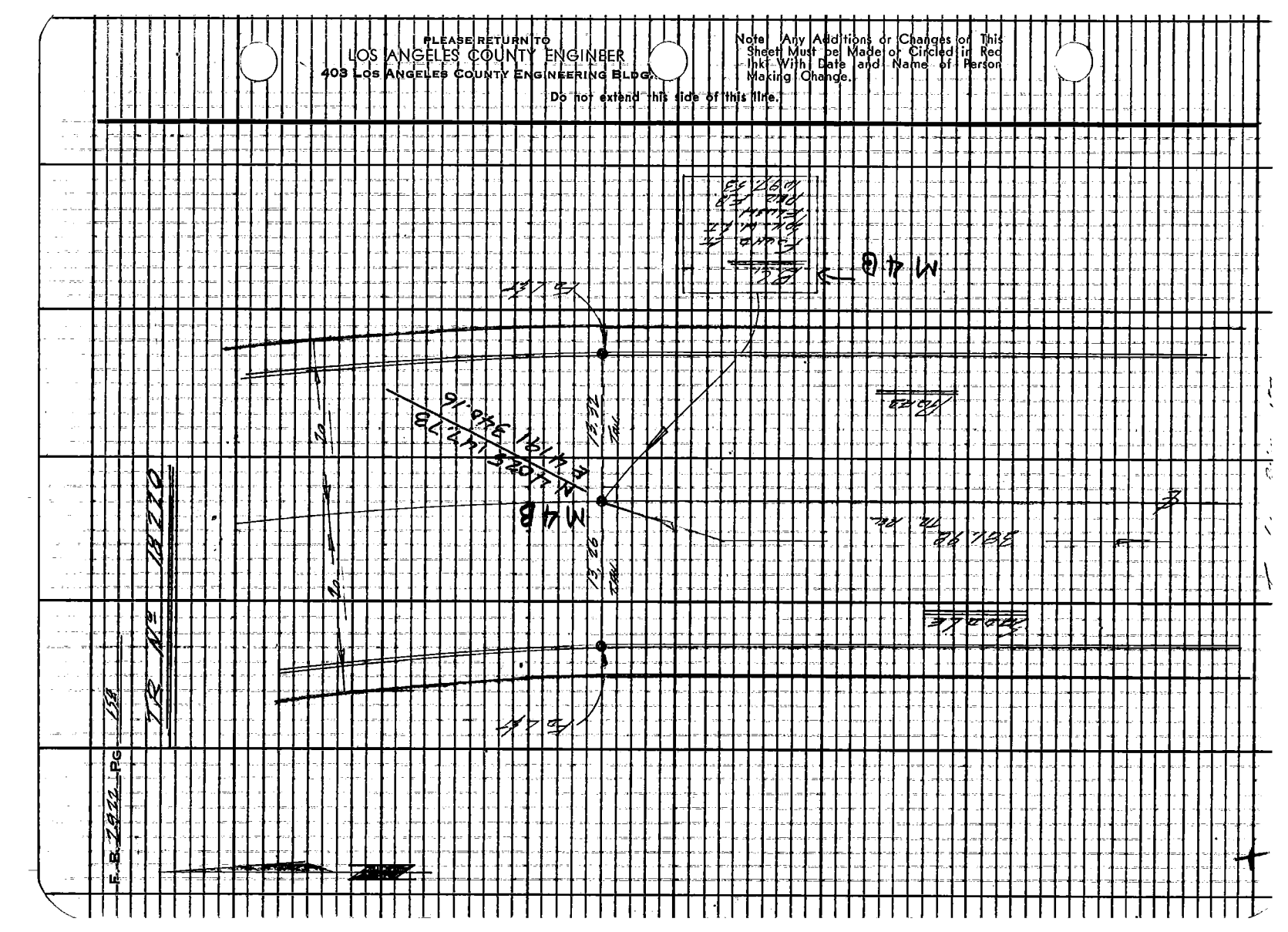
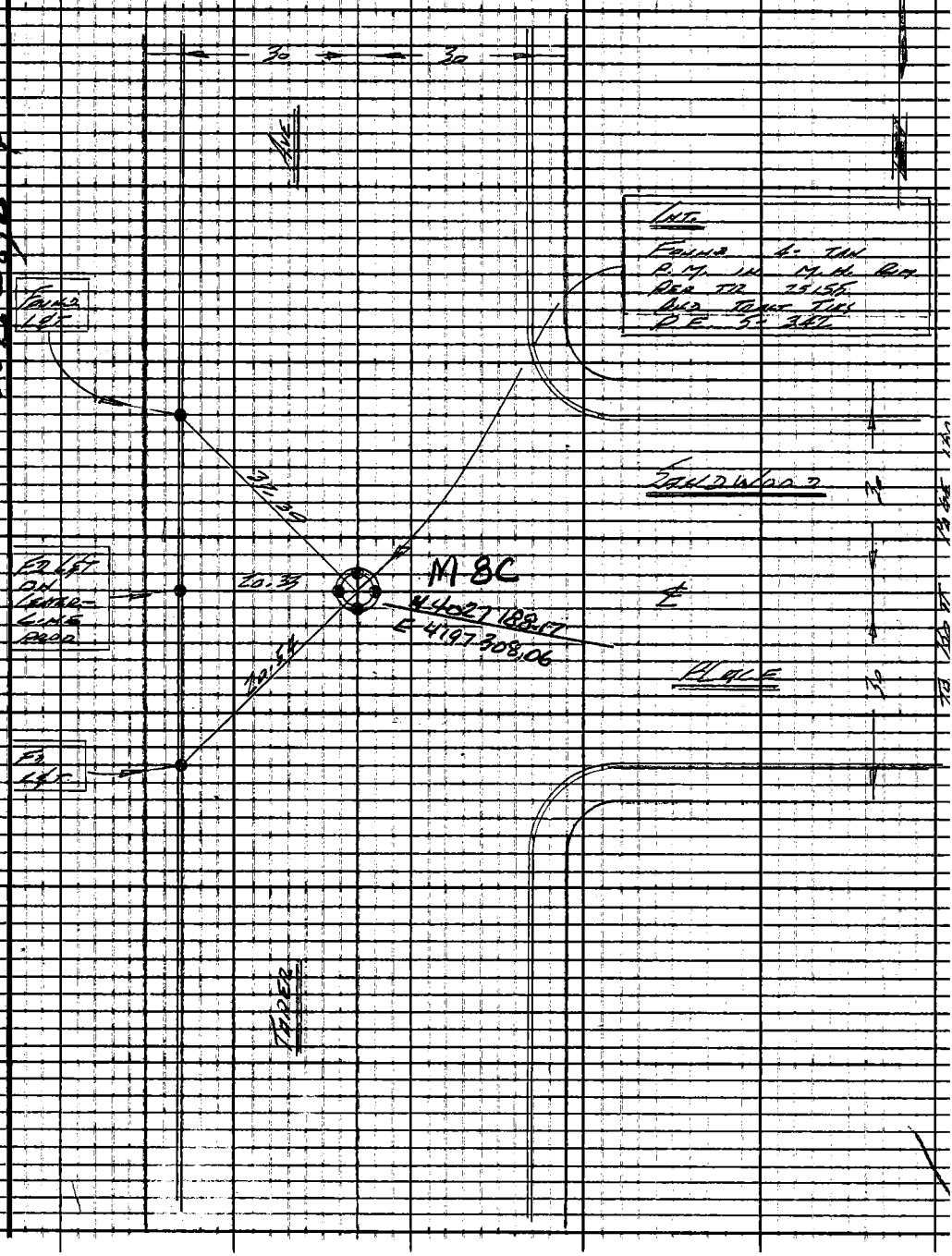


MIRACLESTE AREA

Notes Ck'd by	Survey of PHOTO CONTROL	F. B. 2922 PG. 159
Map No.	JN 0097.04 Tape 6238 Std 6 °F	
Office Work	Surveyed by LIND	TID No
Checked	Notes LIND Date 4-29-68	75155
Date	Indexed C. J. GALLIS	



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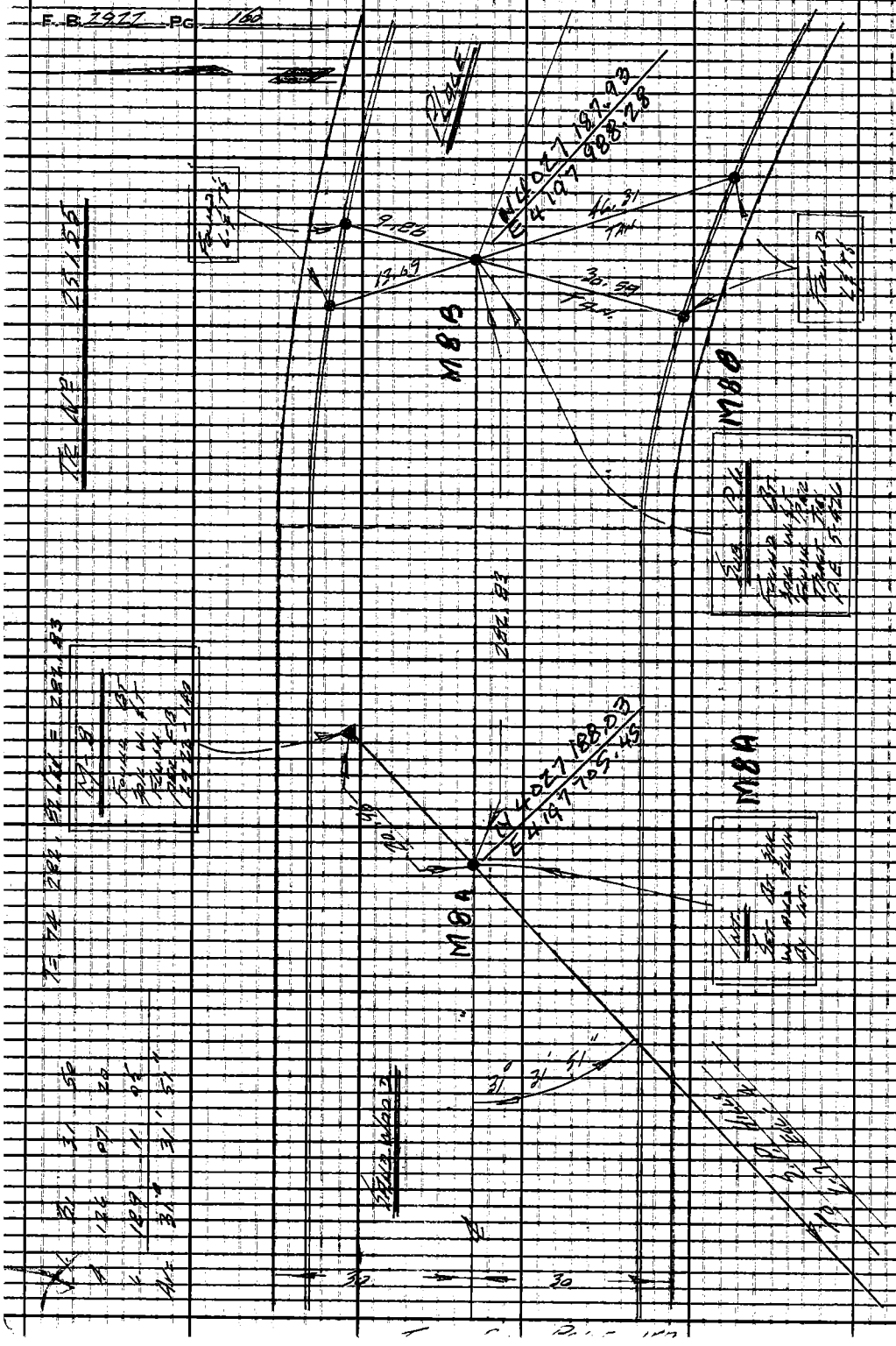
75F309S CE#310 1-65

F. B. 2977 PG. 160



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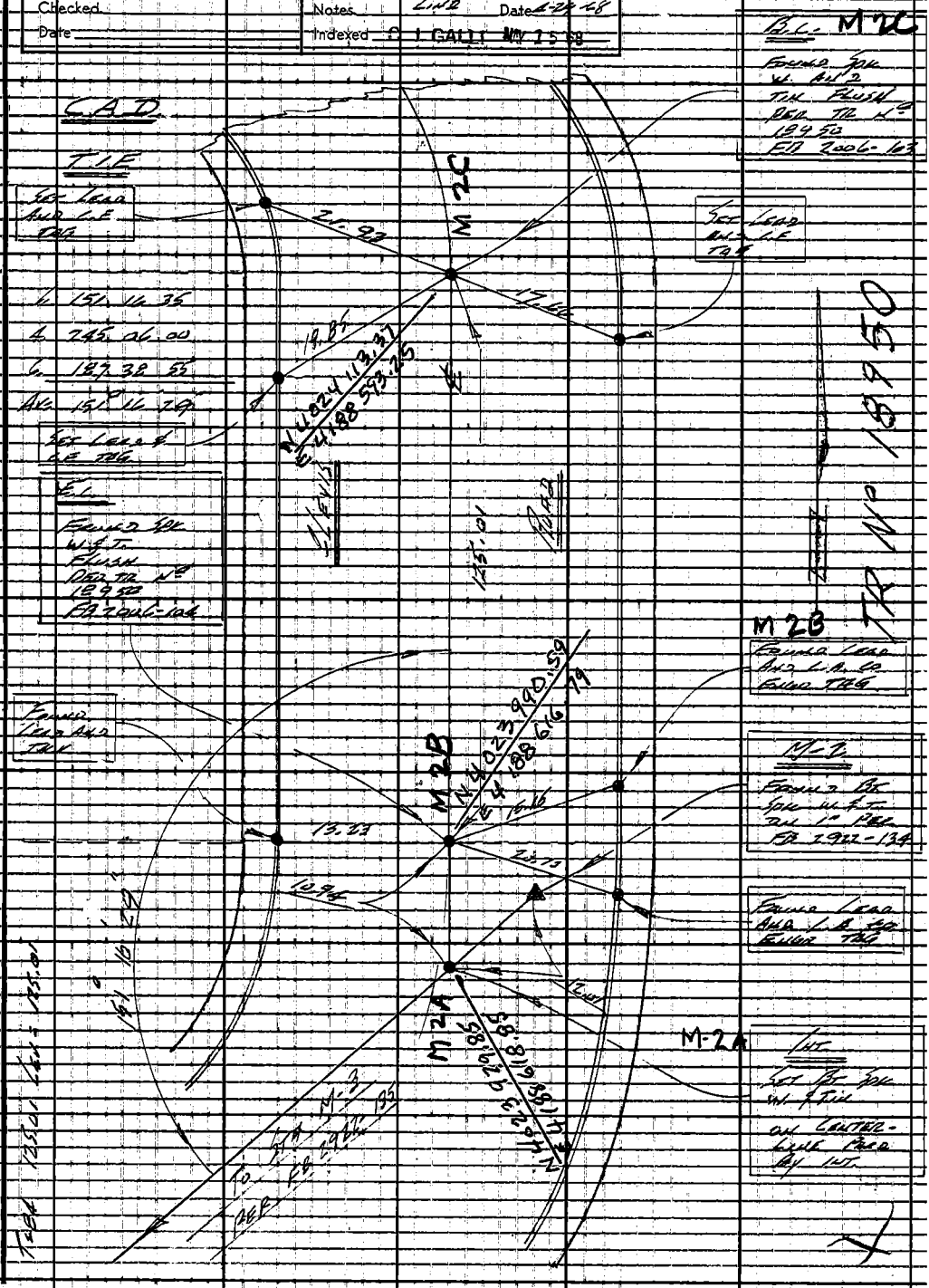
MIRALESTE AREA

Notes Ck'd by	Survey of PORTO CONTROL
Map No.	JN 00 97-69 Tape 190 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 4-29-68
Date	Indexed C. I. GALLI MAY 15 68

F.B. 2922 PG. 161



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76F309S CE#310 1-65

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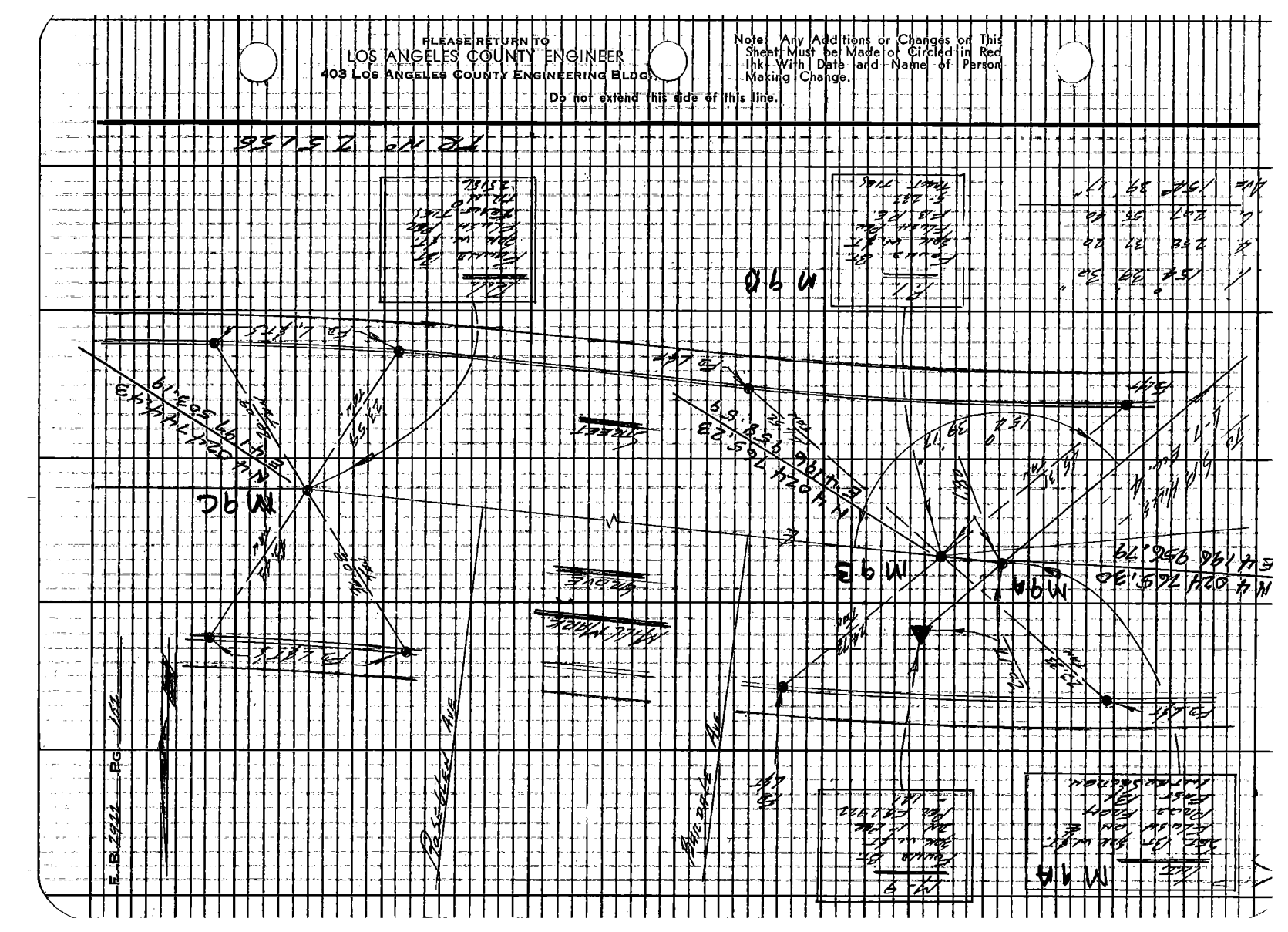

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0097-69 Division No. 11

Survey of MIRALESTE AREA PHOTO CONT.

Survey by LIND Notes H.R.S. Date 5-28-68

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

F. B. 2922 Pg. 163

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STATION	B.S.	H.I.	F.S.	ELEV.	
					DIFFERENTIAL LIE
					B.M. #F.F. 91 PER
					F.B. 2714-108 TO TRAVERSE
					STATION M-3 PER F.B. 2922
					-135

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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F. B. 2922 PG. 164 | Job No. 1097.69 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MIRALESTE PHOTO CONTROL | Date | No. | X-Sec.
Survey by LUND Notes HR. STACK | Notes Chkd. | Checked | No.
Indexed C.J. GALLI Date May 29 '69 | Date | Date

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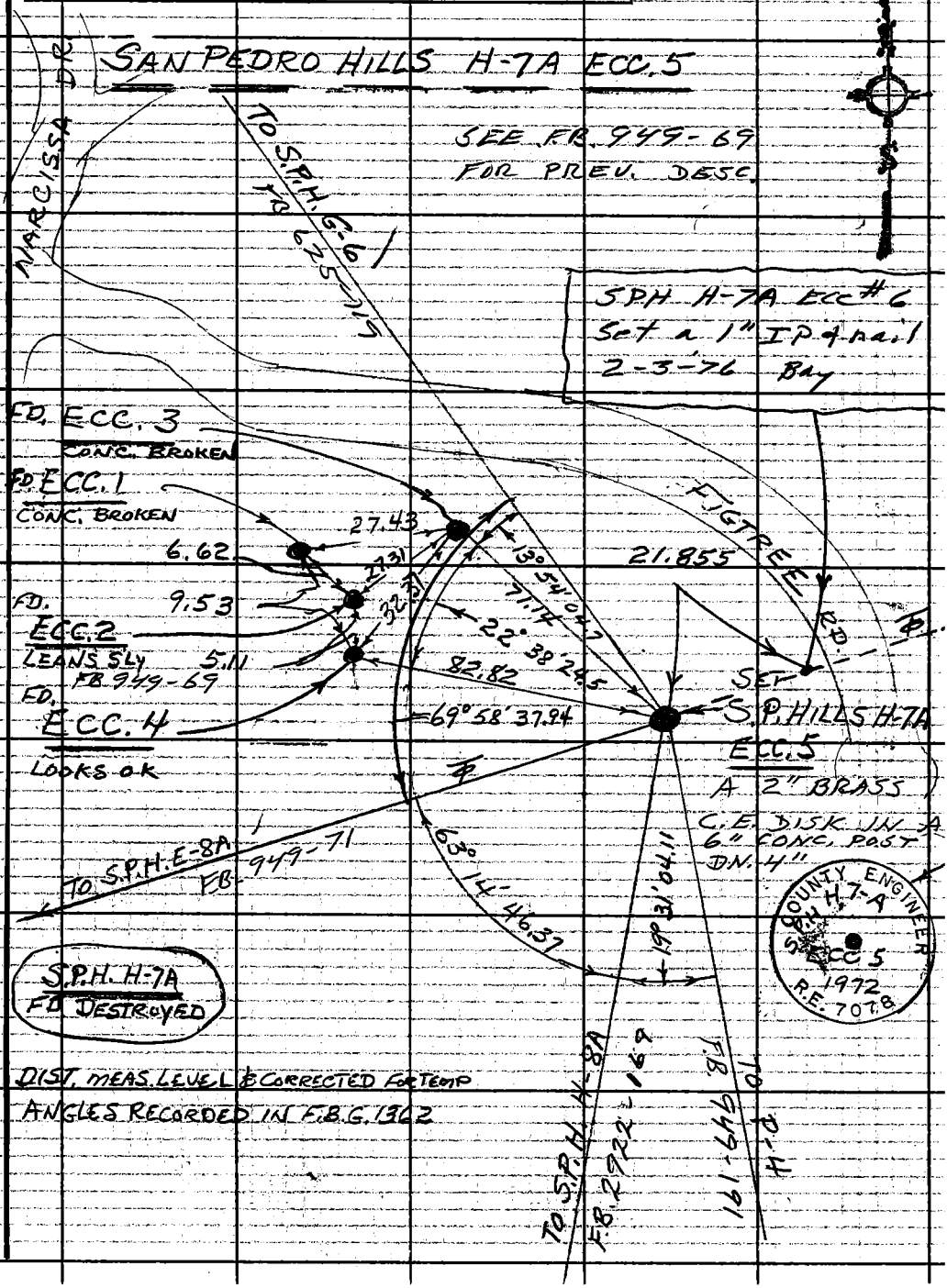
STATION	B. S.	H. I.	F. S.	ELEV.		
(FF) B.M. F.F.-91	9 40	1035 63		1026 23	B.M. F.F.-91 Elev. 1026.226 F.B. 2714-105 Crown View Dr. & Highpoint Rd.; Bf Spk in N/x Curb 31 ± E of ℄ Prod of Highpoint Dr.	
T.P.	10 63	1046 25	0 01	1035 62	T.P.	
T.P.	11 33	1057 10	0 48	1045 77	T.P.	
T.P.	8 35	1064 36	1 09	1056 01	T.P.	
M-3	1 38	1063 33	2 41	1061 95	TRAVERSE STATION M-3 Per F.B. 2922-135 Elev. _____ Capped 3/4" I.P. Up 0.15	
T.P.	0 63	1052 05	11 91	1051 42		
T.P.	0 35	1042 28	10 12	1041 93		
T.P.	3 13	1034 07	11 34	1030 94		
B.M. F.F.-91			7 83	1026 24	B.M. F.F.-91	

Notes Ck'd by	Survey of PORTUGUESE BEND	F. B. 2922 PG. 165
Map No.	JN 0021.64 Tape Std °F	
Office Work PMW	Surveyed by G.E. DREIER	
Checked	Notes G.E.D. Date 1-28-72	
Date	Indexed C. J. GALLI FEB 1 5 72	

SAN PEDRO HILLS H-7A ECC. 5



S.P.H. H-7A
FD DESTROYED

DIST. MEAS. LEVEL & CORRECTED FOR TEMP
ANGLES RECORDED IN F.B.G. 1362

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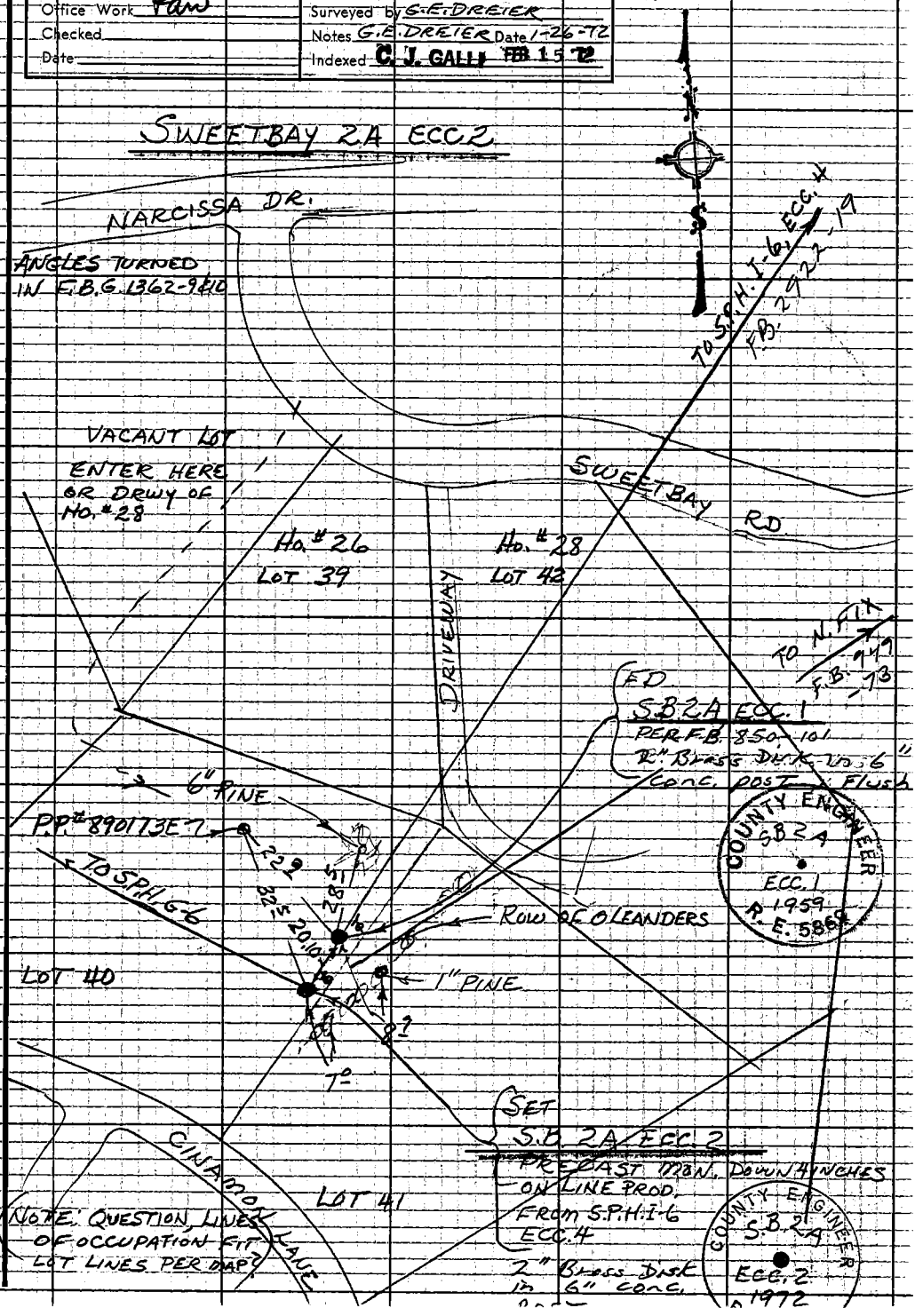
76F3095 CE # 310 3-61

Notes Ck'd by	Survey of PORTUGUESE BEND
Map No.	JN 0021.64 Tape ____ Std ____ °F
Office Work PAW	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 1-26-72
Date	Indexed C. J. GALLI FEB 15 72

F. B. 2922 PG. 167



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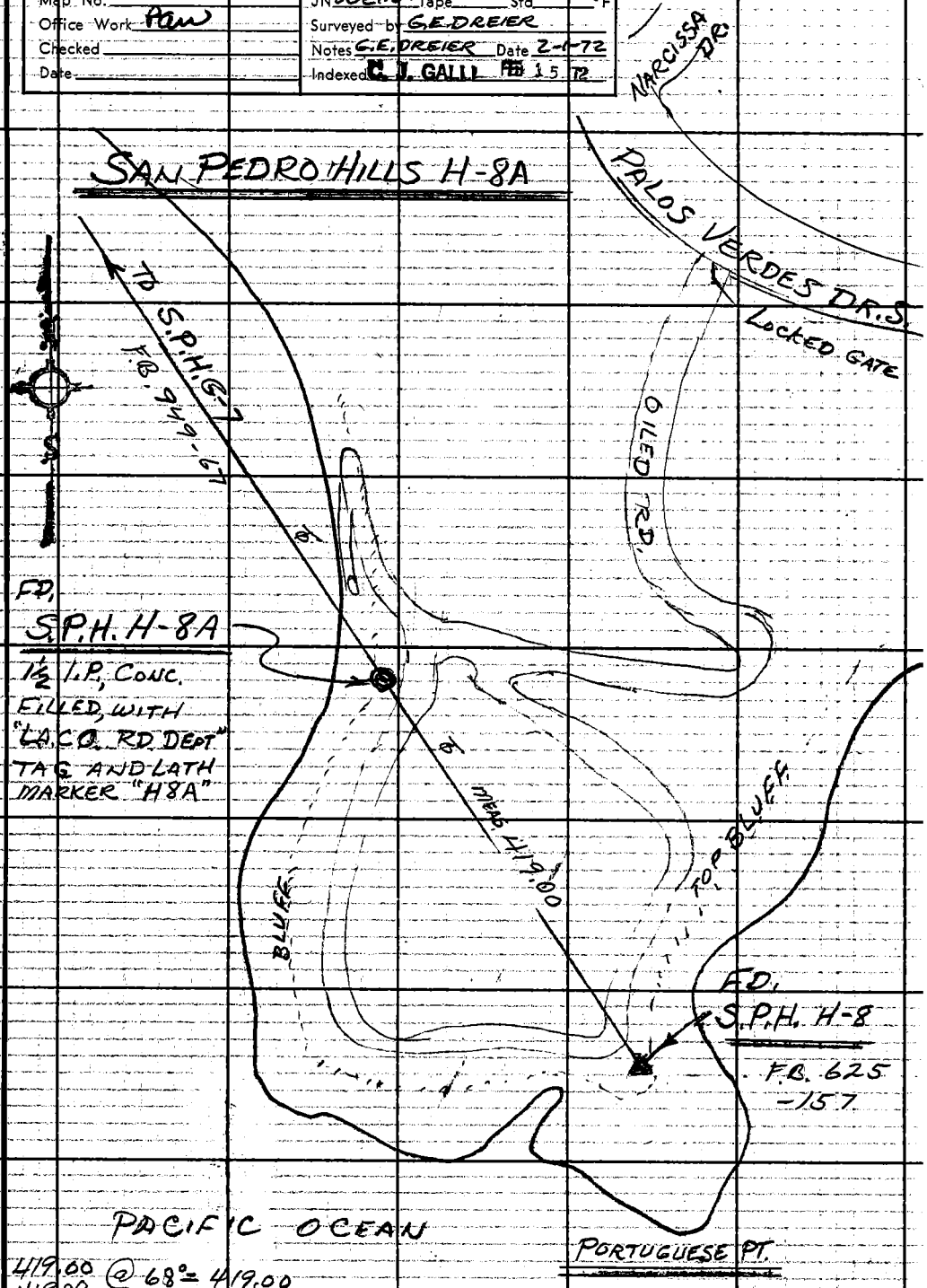
76F309S CE#310 3-68

169

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

Survey of PORTUGUESE BEND
JN 0021.64 Tape Std °F
Surveyed by G.E.DREIER
Notes G.E.DREIER Date 2-1-72
Indexed C. J. GALLI FEB 15 72

F. B. 2922 Pg. ~~150~~



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403 Los Angeles County Engineering Bldg.

76F3095 CE # 310 (3-61)

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

Survey of CADASTRAL TIES F.B. 2922 PG. 171
J.N. 0202.00 Tape 0202 Std LB °F.
Surveyed by FEBrooks
Notes FEB Date 20 June 72
Indexed C. J. GALLI JUN 23 '72

J.N. 0202.00

CADASTRAL TIES

LA MIRADA AREA

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FEBrooks
RO Guizado
RA Moore
T Miyahira
LO Fisher

16F309S CE#310 3-69

F. B. 2922 PG. 172

MS 34 C-5

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

Survey of CADASTRAL TIES
JN 0202.00 Tape 0207 Std LB °F
Surveyed by F.E.B. Brooks
Notes F.E.B. Date 19 June 72
Indexed C. M. GALLI JUN 23 '72

F.B. 2922 PG. 173

WS 34 C5

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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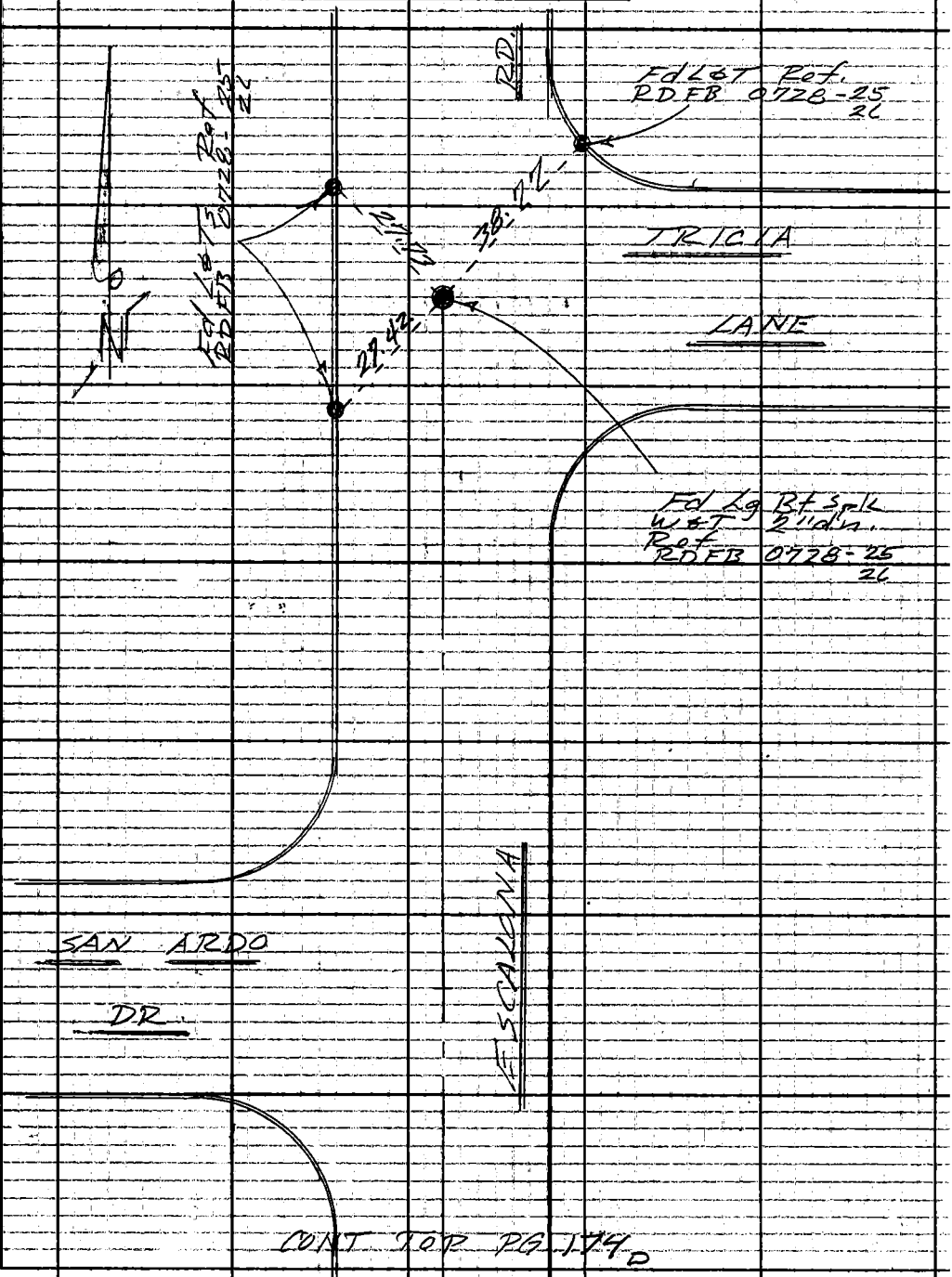

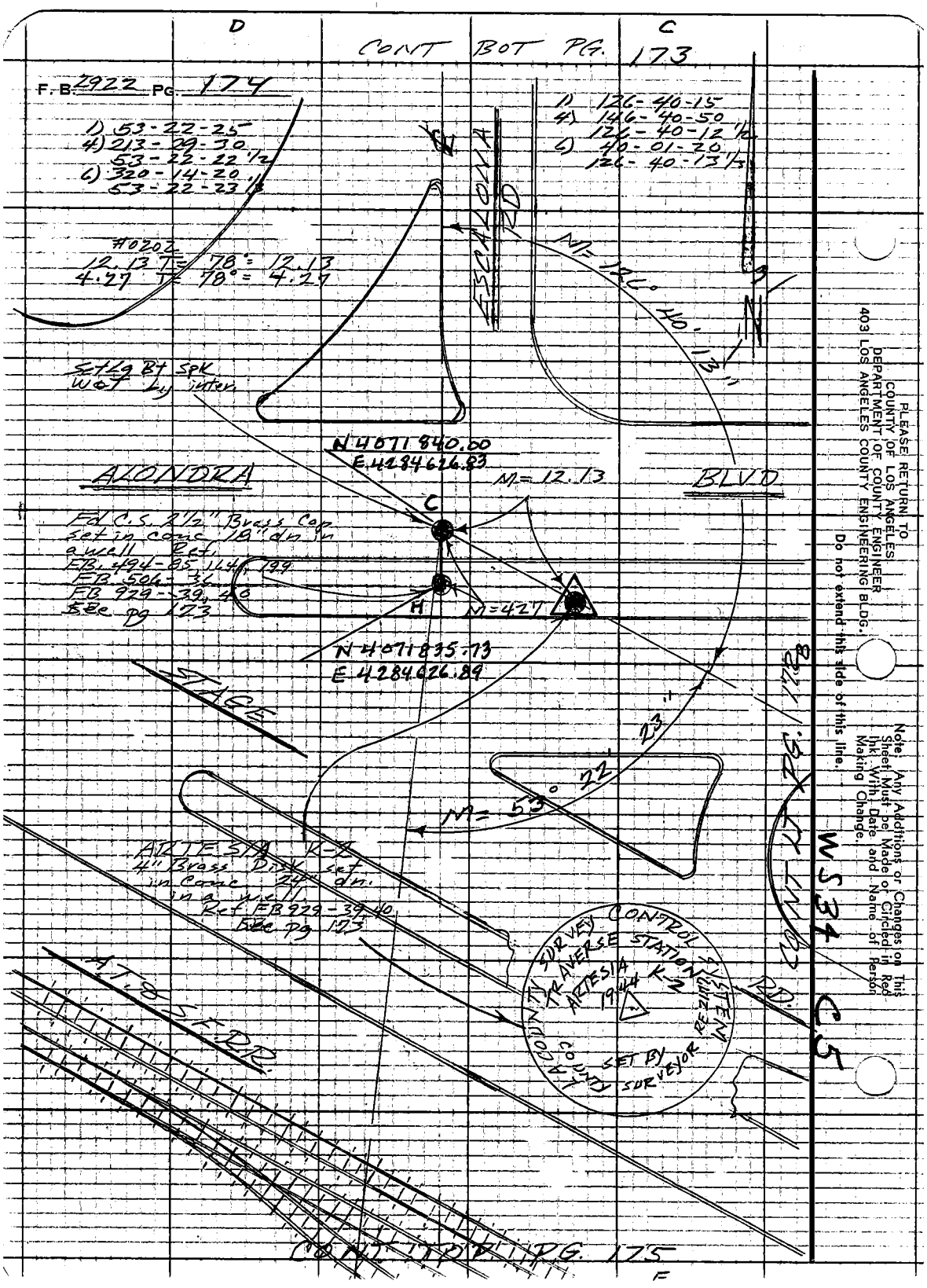
D
C
CONT BOT PG. 173
F.B. 2922 PG. 174
1) 53-22-25
4) 213-29-30
53-22-22 1/2
6) 320-14-20
53-22-23 1/3
1) 126-40-15
4) 146-40-50
126-40-12 1/2
6) 40-01-20
126-40-13 1/3
#0202
12.13 T= 78° = 12.13
4.27 T= 78° = 4.27
ESCALONA RD
M= 126° 40' 13"
Set Lg Bt Spk
Wet by inter.
N 4071840.00
E 4284626.83
ALONDRA
BLVD
M= 12.13
C
Fd C.S. 2 1/2" Brass Cap
set in conc 18" dn in
a well Ref.
FB 494-85, 114, 199
FB 506-36
FB 929-39, 40
See pg 173
H
M=427
N 4071835.73
E 4284626.89
STAGE
23"
22'
M= 53°
ARTESIA K-2
4" Brass Disk set
in Conc 24" dn.
in a well
Ref FB 929-39, 40
See pg 173
LA COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
ARTESIA K-2
1944
SET BY
SURVEYOR
RD.
AT & SF RR
CONT TOP PG. 175
CONT TOP PG. 172
WS 34 C5
PLEASE RETURN TO
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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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E

Notes Ck'd by	Survey of CADASTRAL TIES	F. B. 2922 PG. 175
Map. No.	JN 0202.00 Tape 0202 Std 68 °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes FEB Date 20 June 72	
Date	Indexed C. J. GALLI JUN 23 '72	

CONT BOT PG. 174

1) 74-38-50
4) 298-35-10
74-38-47 1/2
6) 87-52-45
74-38-47 1/2

WS 34 C5

Fd Lg Bt Spk W & T Flush no rec. 2720 stamped in W spk destroyed.

AVE

M = 74° 38' 47"

LINES

CONT LT PG. 172

AT & SF

RR

0.06

M=2.00

B

0.02

COUNTY

COUNTY

N 4 069194.22
E 4 284661.08

COR POST #27
ARTESIA K3A
Fd 2 1/2" Brass Cap Set in Conc 26" dn. Ref. LA Co F.C. 3112-119
See pg 175

Set Lg Bt Spk W & T Flush line Prod from N.E.

RADIO STATION KFI

KNOTT

LOS ANGELES

ORANGE

#0202
2.00 T=84° = 2.00

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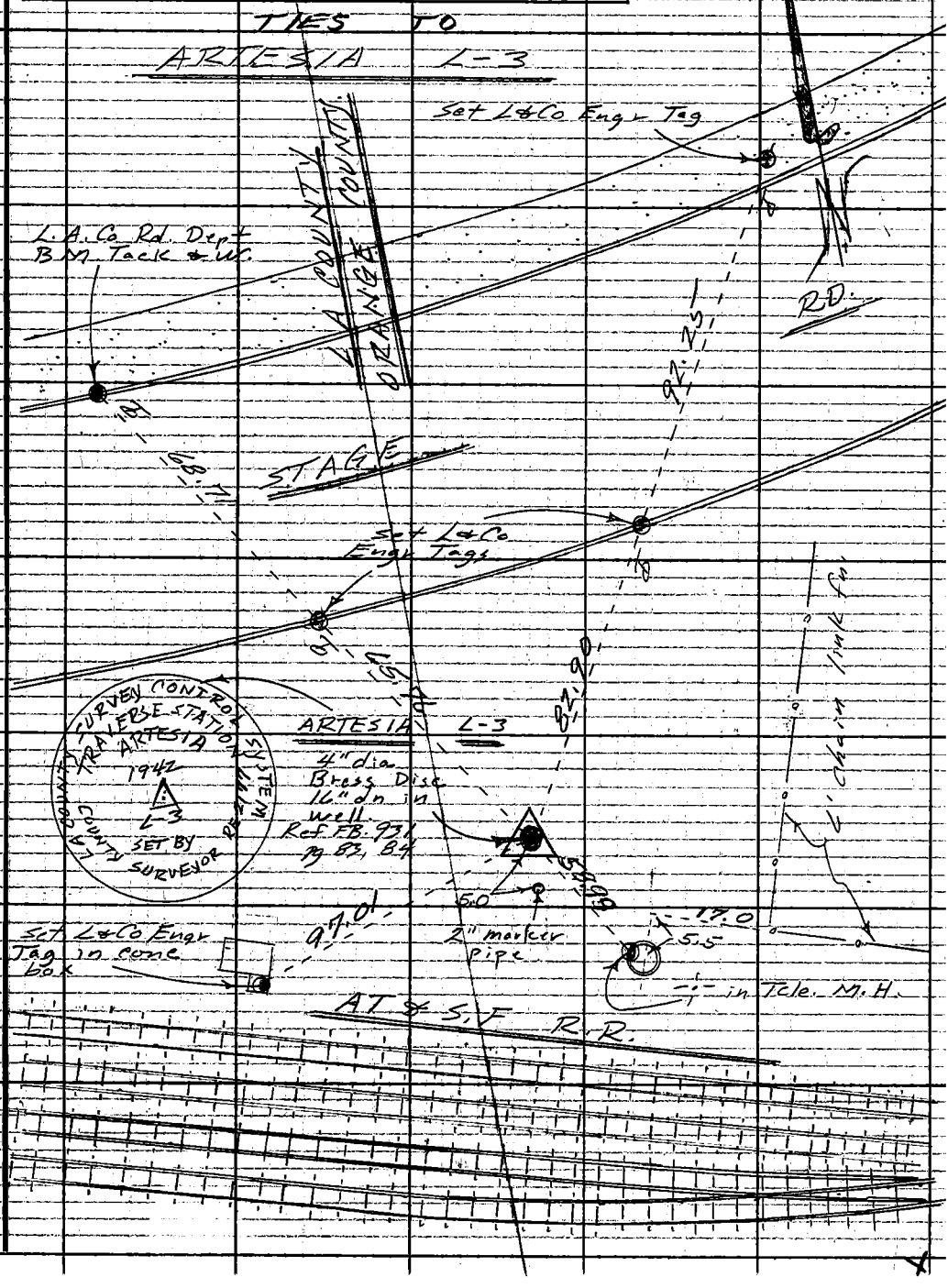
76F309S CE#310 3-69

Notes Ck'd by	Survey of CADASTRAL TIES	F. B. 2922 PG. 177
Map No.	JN 0202.00 Tape 0202 Std 68 °F	
Office Work	Surveyed by FEBrooks	
Checked	Notes FEB Date 13 June 72	
Date	Indexed C. J. GALLI JUN 23 '72	



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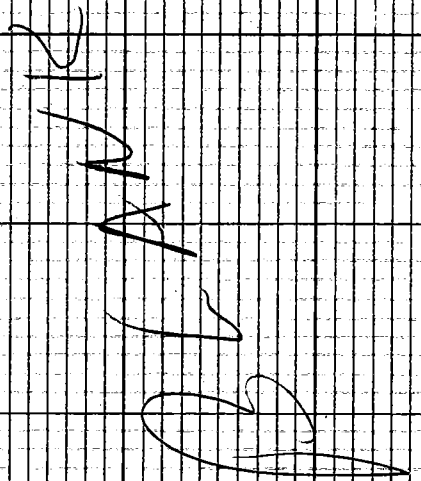
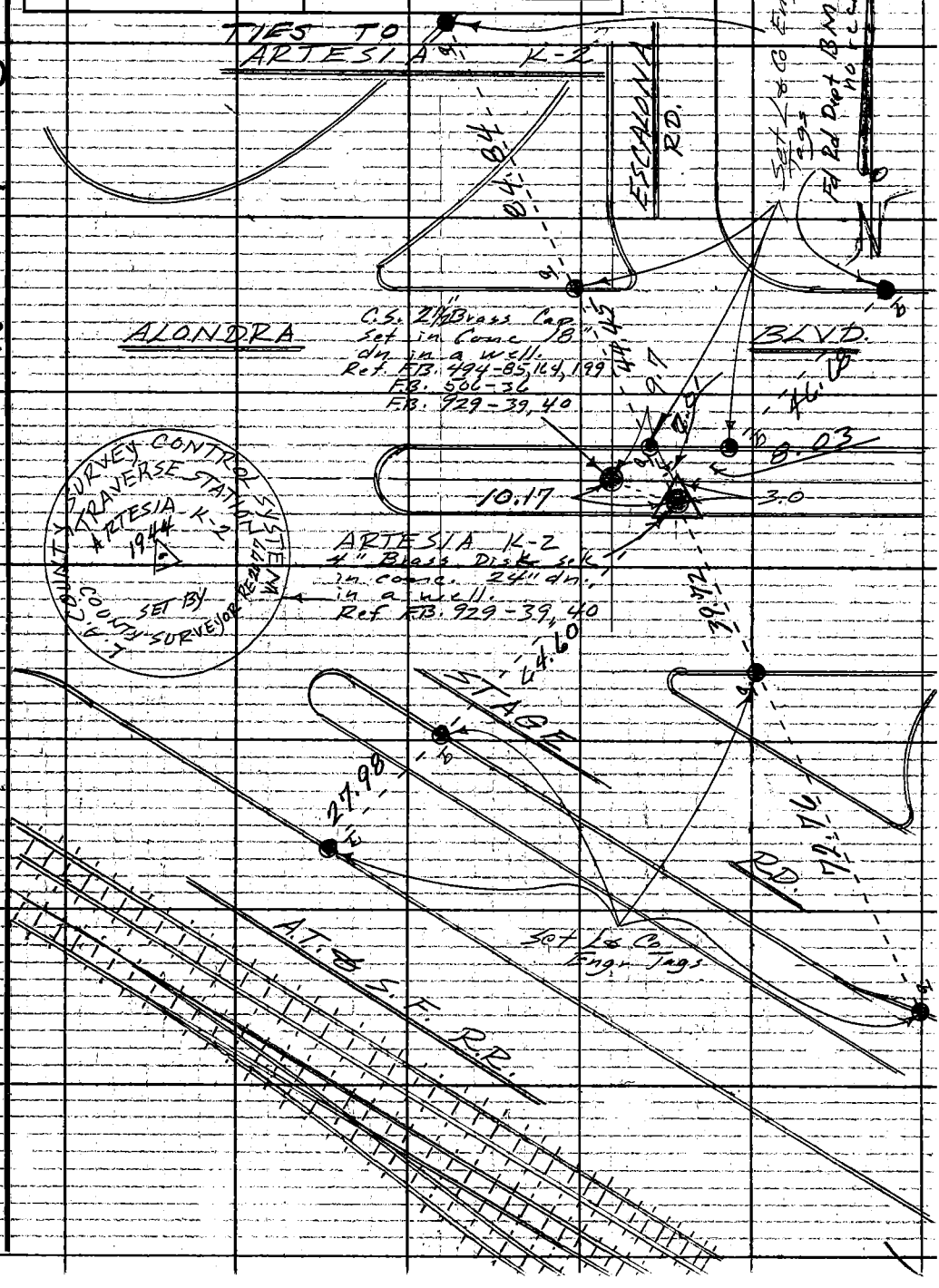


F.B. 2922 PG. 178

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 0202 Std 68 °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 13 June 72
Date	Indexed C. J. GALLI JUN 23 72

F. B. 2922 PG. 179



WS 34 C5

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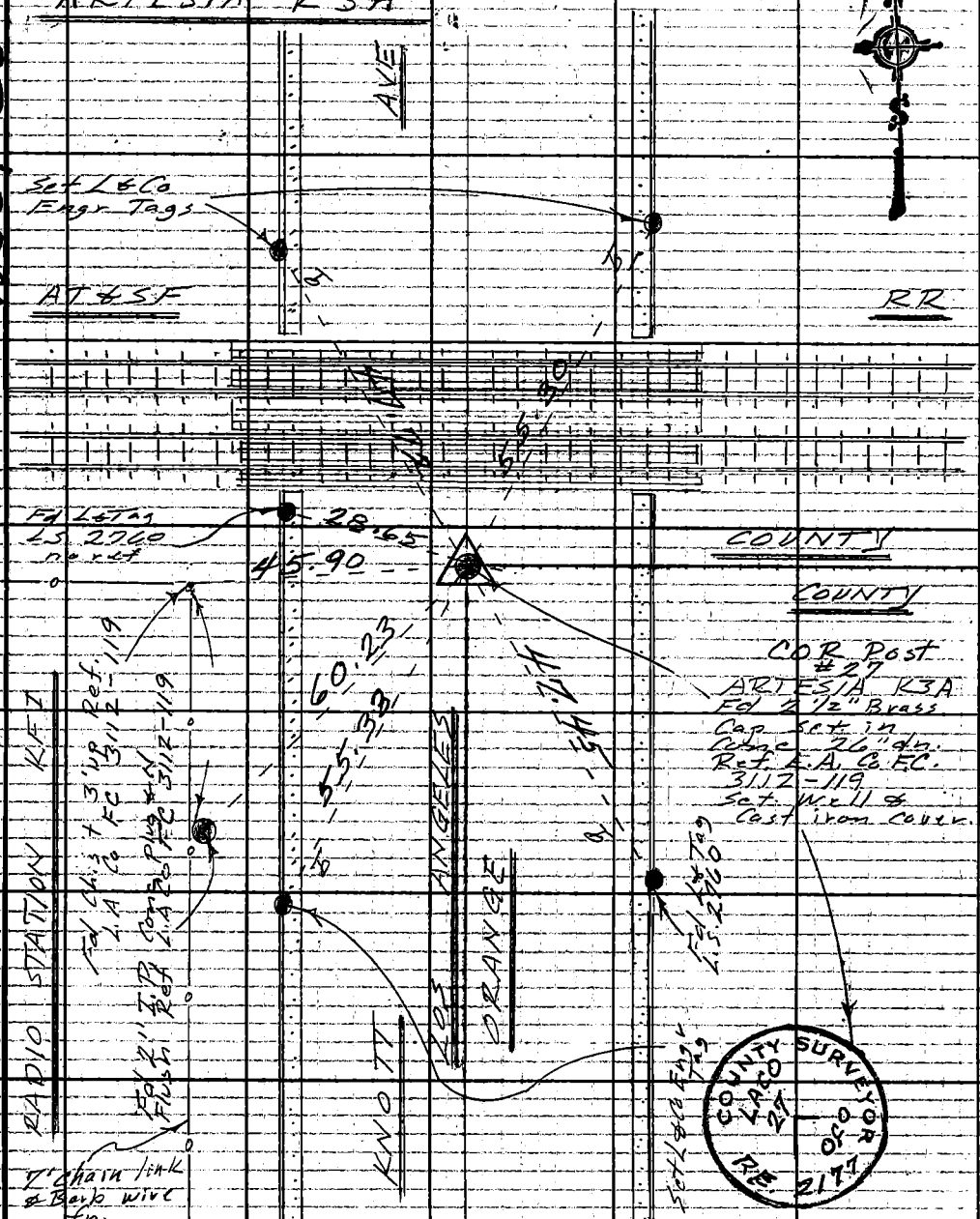
76F309S CE#310 3-69

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 0202 Std 68 °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 15 June 72
Date	Indexed C. J. GALLI JUN 23 '72

F. B. 2922 PG. 181

TIES TO ARTESIA K3A



WS 34 C5

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76F309S CE#310 3-69

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 6202 Std 68 °F
Office Work Done	Surveyed by FE Brooks
Checked	Notes FE 13 Date 21 June 72
Date	Indexed J. M. PALMER JUL 13 '72

F. B. 2922 PG. 183

JN 0202.00

CADASTRAL TIES

AZUSA AREA

INDEX PAGE 190

JUNE 1972

FE Brooks
EO Quizada
RA Moore
T Miyahira
LO Fisher

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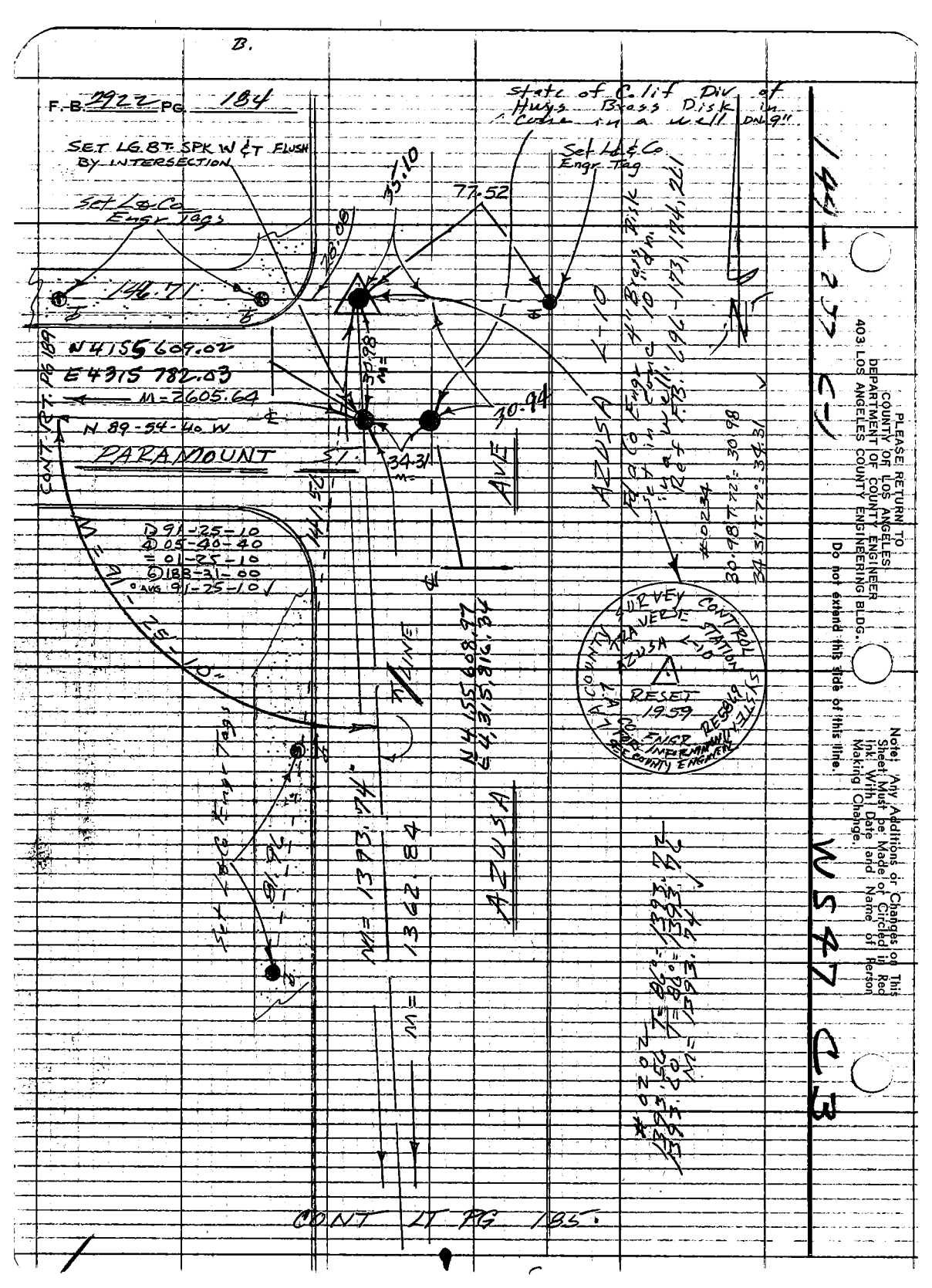
76F309S CE#310 3-69

B.

F.B. 7922 PG. 184



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WS 47 C13

C

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	J.N. 0202.00 Tape 0202 Std 68 °F
Office Work Paw	Surveyed by FE Brooks
Checked	Notes FEB Date 21 June 72
Date	Indexed T. M. PALMERI 1-3-72

F. B. 2922 PG. 185

D.

CONT BOT PG 186

WS 47 C 3

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144-297 C-1

B.

1) 91-22-45
4) 365-31-10 1/2
91-22-47 1/2
0) 188-12-35 5/6
91-22-45 5/6

#0202
2640.68 T = 92° = 2641.09
2640.81 T = 92° = 2641.22
M = 2641.15

D 178-00-30
2) 352-02-00
= 88-00-30
0) 348-03-00
AVG 178-00-30

STATE OF CALIFORNIA
DIVISION OF HIGHWAYS

AZUSA L-11
Fd 2 3/4" Brass Disk set in Conc 9" c/n in a well. Ref.

M = 2641.15

M = 91° 22' 46"

AZUSA AVE

CONT TOP PG 188

CONT BOT PG 184

M = 1393.74

M = 1362.84

M = 2749.39

TO BT. SPK. WET.

M = 178° 00' 30"

GLADSTONE

H.P. DIST. METER

T = 70° BAR. = 28.95
TH.I. @ BT. SPK ON PARAMOUNT
@ AZUZA = 5.12
VERT. ∡ M = -0° 15' 55"
TARG. H.I. @ AZUSA L-11 = 5.55

MACH. DIST. = 1362.85
CORR. DIST. = 1362.84

H.P. DIST. METER

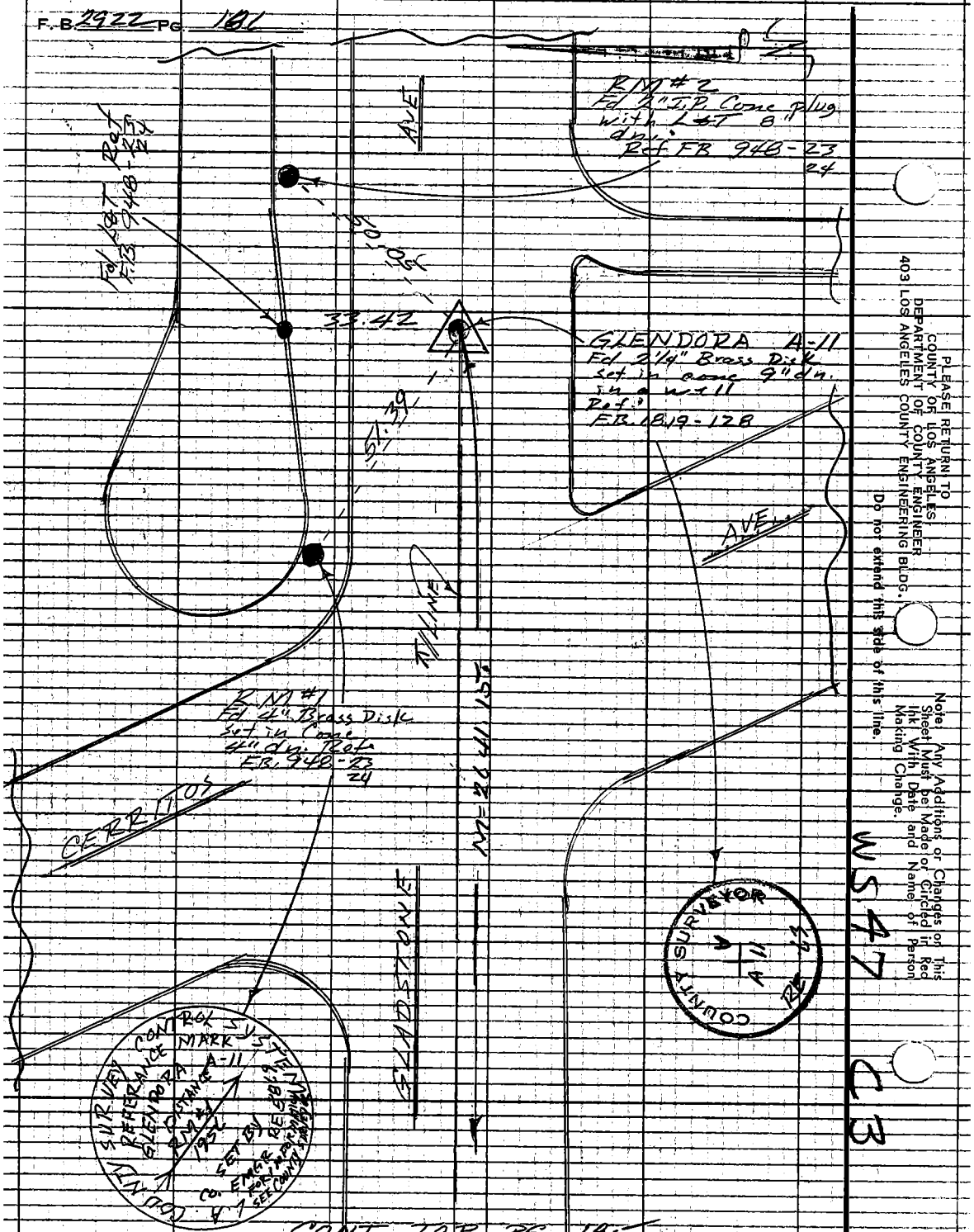
T. = 68° BAR. = 28.90
TH.I. @ AZUSA L-11 = 5.24
VERT. ∡ M = +0° 00' 05"
TARG. H.I. = @ AZUSA L-12 = 5.74

MACH. DIST. = 2749.39
CORR. DIST. = 2749.39

76F309S CE#310 3-69

D

F.B. 2922 PG. 181



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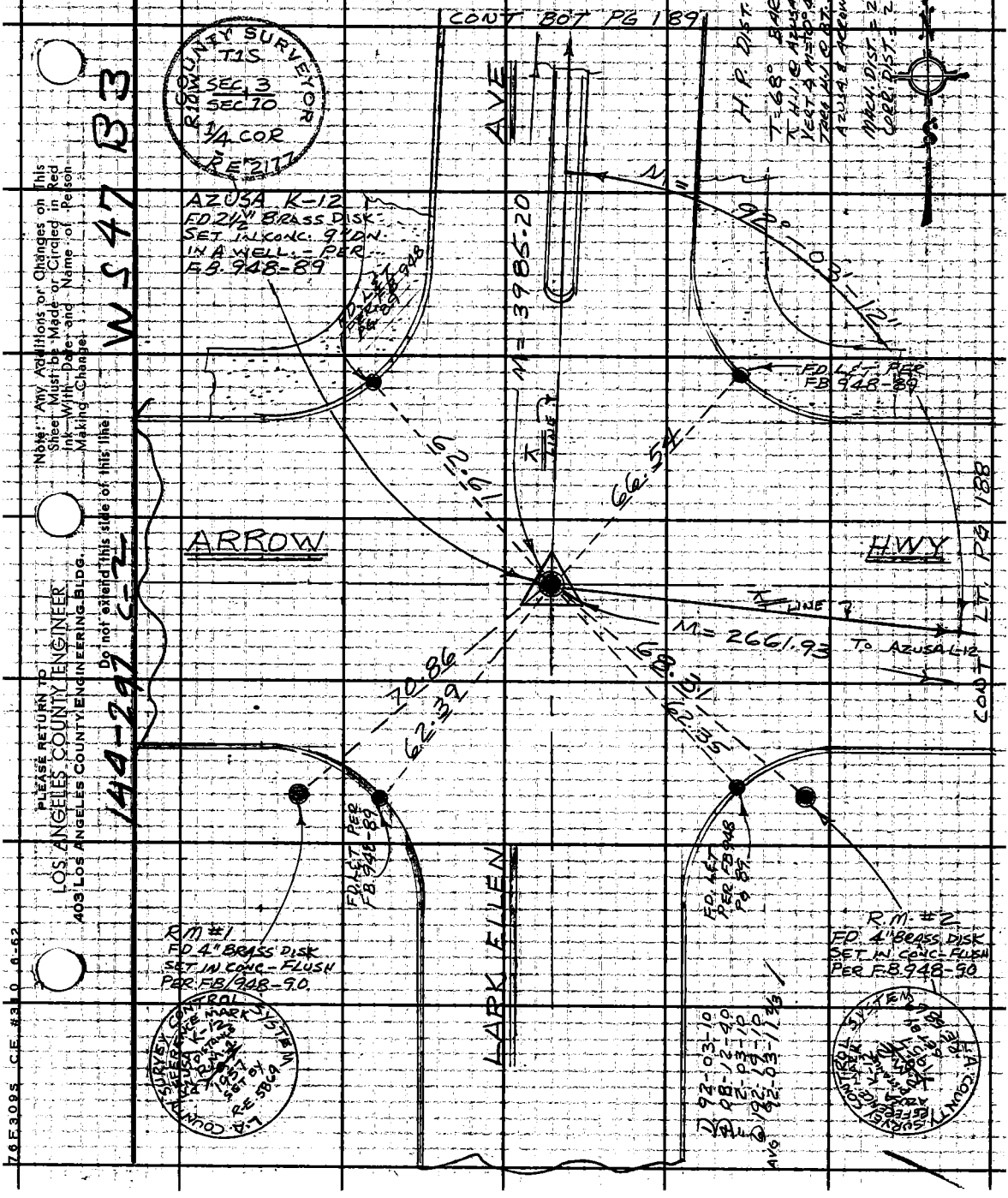
WS 47 C 3

CONT TOP PG 185

Notes Ck'd by	Survey of CADASTRAL TIES	F. B. 2922 PG. 187
Map. No.	JN 020200 Tape 0234 Std 68 °F	
Office Work Paw	Surveyed by G. O. GUIZADO	
Checked	Notes G. O. GUIZADO Date 6-29-72	
Date	Indexed T. M. PALMERI JUL 13 '72	



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144-297 C-2

WS 47 B3

76F309S C.E. #310 6-62

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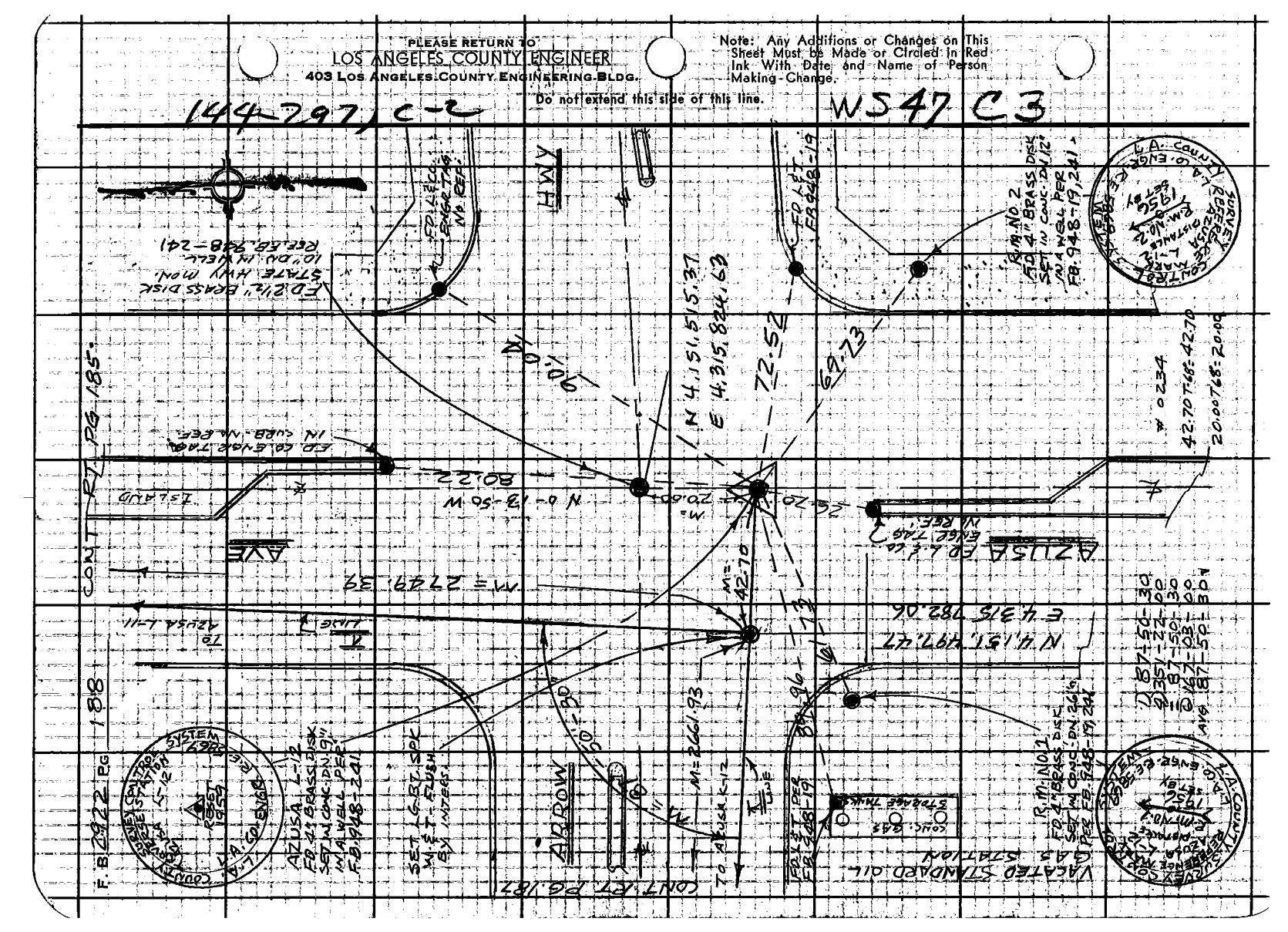
144-297, C-2

W547 C3

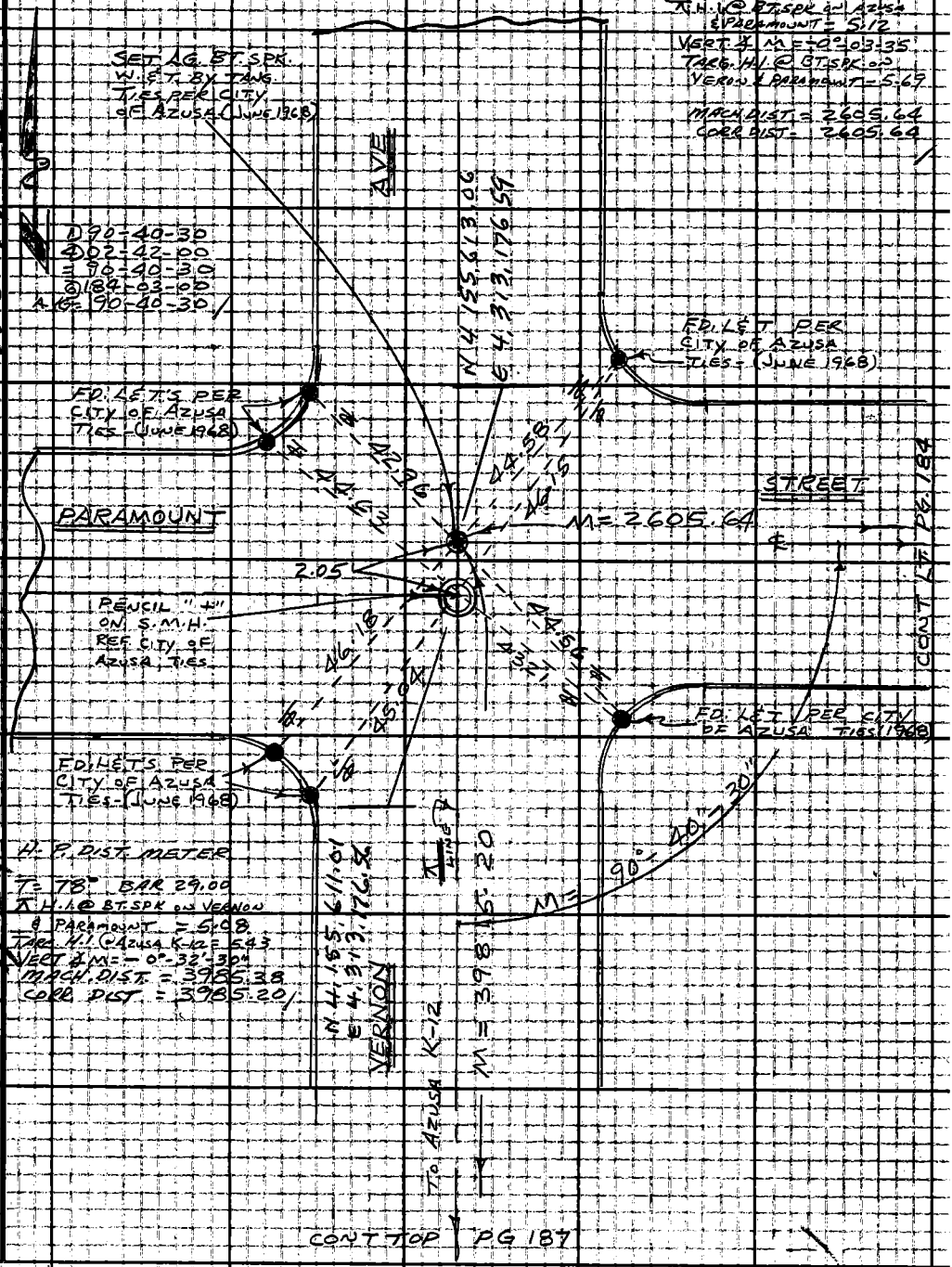


Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 0234 Std 68 °F
Office Work PAW	Surveyed by G.O. GUIZADO
Checked	Notes G.O.G. Date 1-7-72
Date	Indexed L. M. PALMERI 11 13 72

F.B. 2922 PG. 189

H.P. DIST. METER

T = 70° BAR = 28.95
π H.I. @ BT. SPK. on AZUSA & PARAMOUNT = 5.12
VERT. ∡ M = -0°-03-35
TARG. H.I. @ BT. SPK. on VERON & PARAMOUNT = 5.69
MACH. DIST. = 2605.64
CORR. DIST. = 2605.64



WS 47 B3

144-297, C-1

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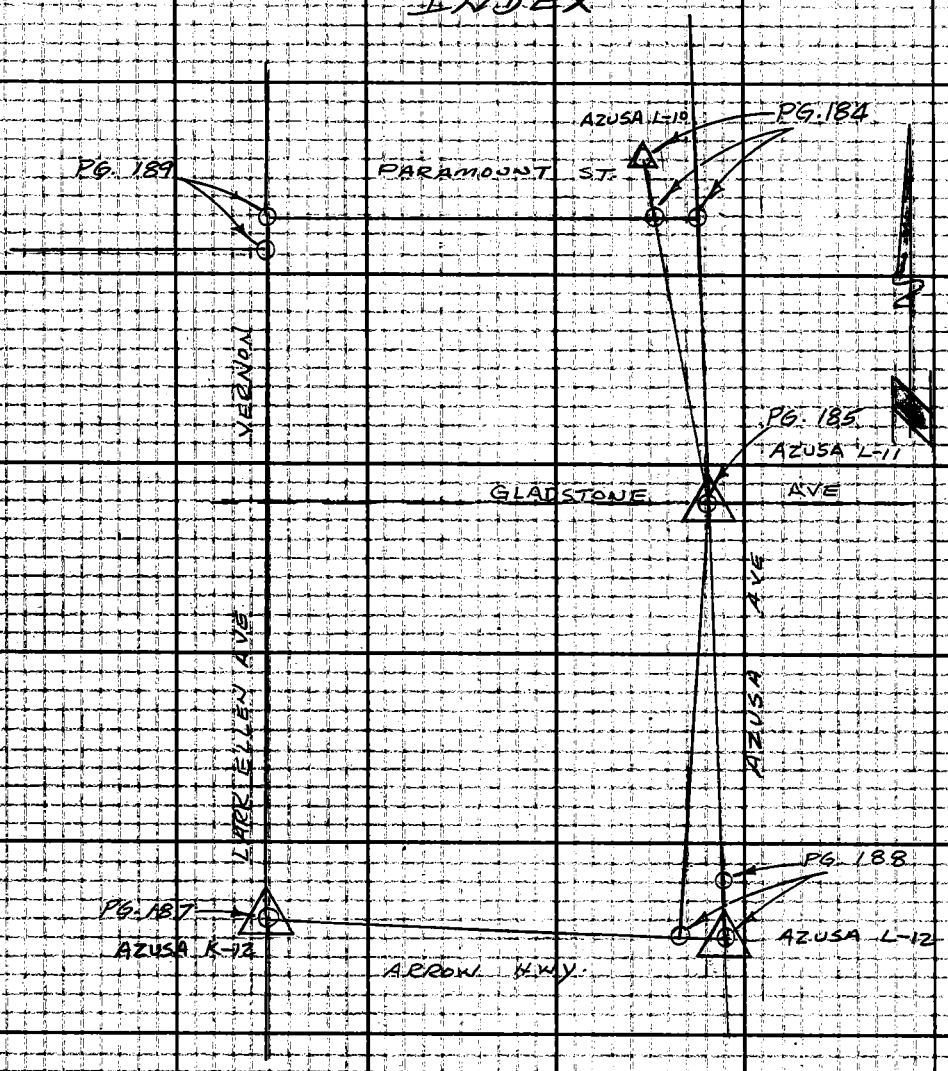
76F3095 C.E. #310 6-62

F. B. 2922 PG. 190

AZUSA AREA INDEX



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

Survey of CADASTRAL TIES
JN 020200 Tape 0731 Std. 68 °F.
Surveyed by G.O. GUIZADO
Notes G.O.G Date 7-5-72
Indexed T. M. PALMERI JUL 13 72

F. B. 2922 Pg. 191

JN 0202.00

CADASTRAL TIES

LA CAÑADA AREA

JULY 1972

G.O. GUIZADO
R.A. MOORE
T. MIYAHIRA
L.O. FISHER

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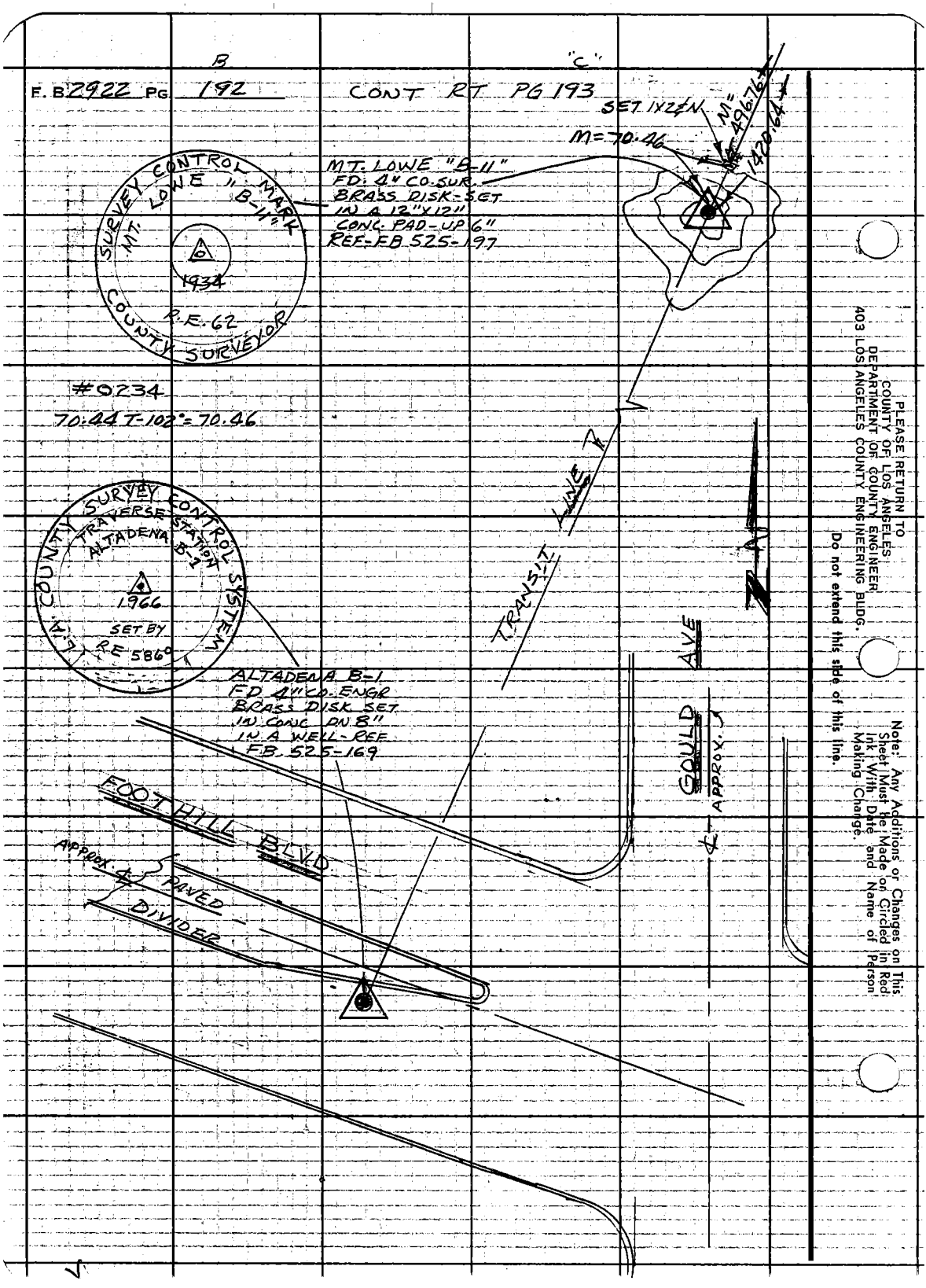
76F3095 CE#310 3-68



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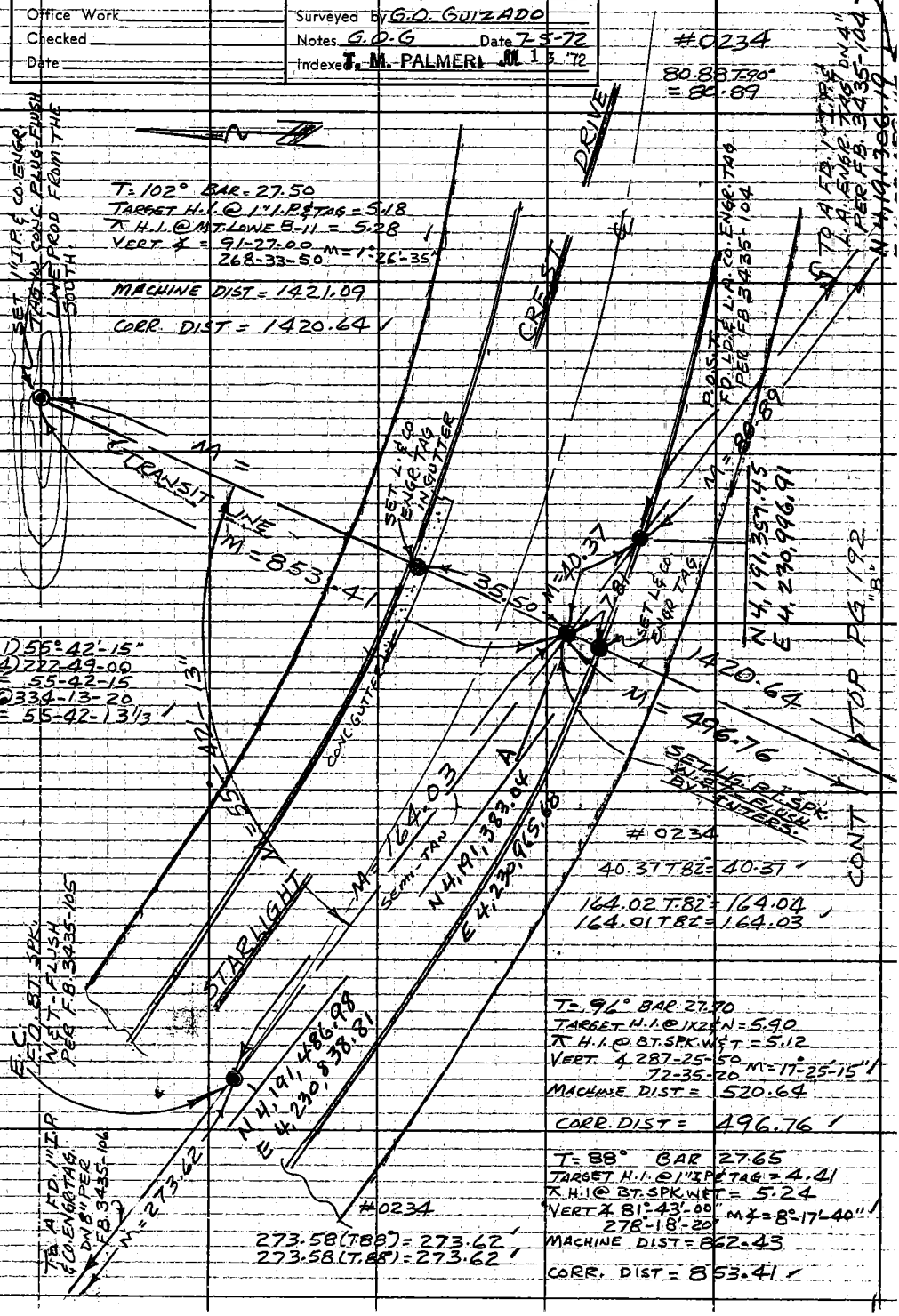
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 0234 Std. 68 °F
Office Work	Surveyed by G.O. GUIZADO
Checked	Notes G.O.G Date 7-5-72
Date	Indexed T. M. PALMERI JUL 13 '72

F.B. 2922 PG. 193



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76 F309S CE#310 3-68

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by FEB
Checked	Notes FEB Date May 76
Date	Indexed T. M. PALMER JUN 1 1976

F. B. 2922 Pg. 195

J.N. 0301.00

GEODETIC CONTROL

POSITION CHECK OF

SAN PEDRO HILLS C-8

FE Brooks
RD Smith
C Dominguez
R Krohn

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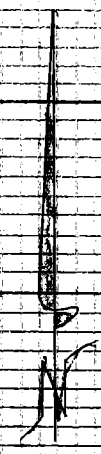
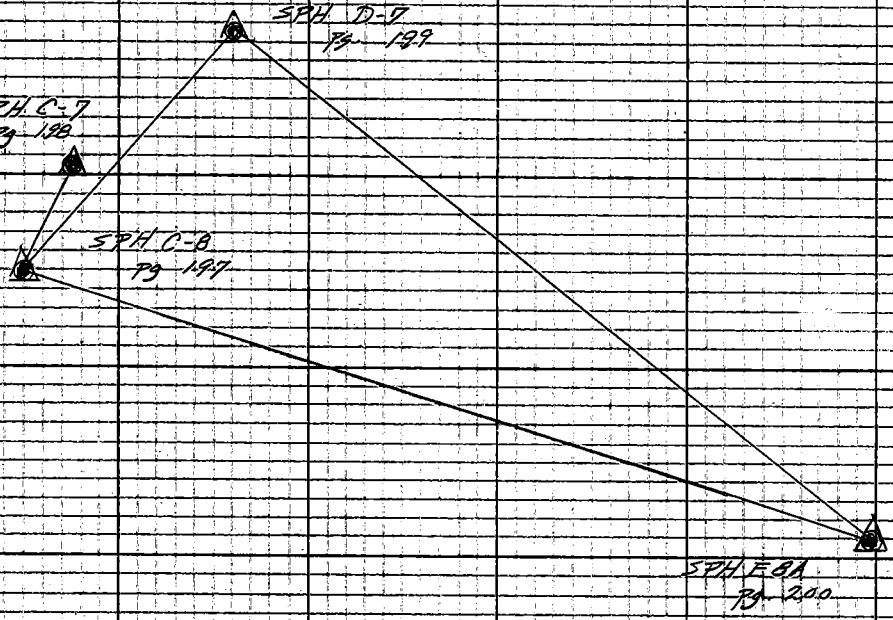
76F309S CE#310 3-68

F.B. 2922 Pg. 196

H.P. 3900 distances pg 201 - 202

Angles per F.B. Book 1334 - 5 + 11





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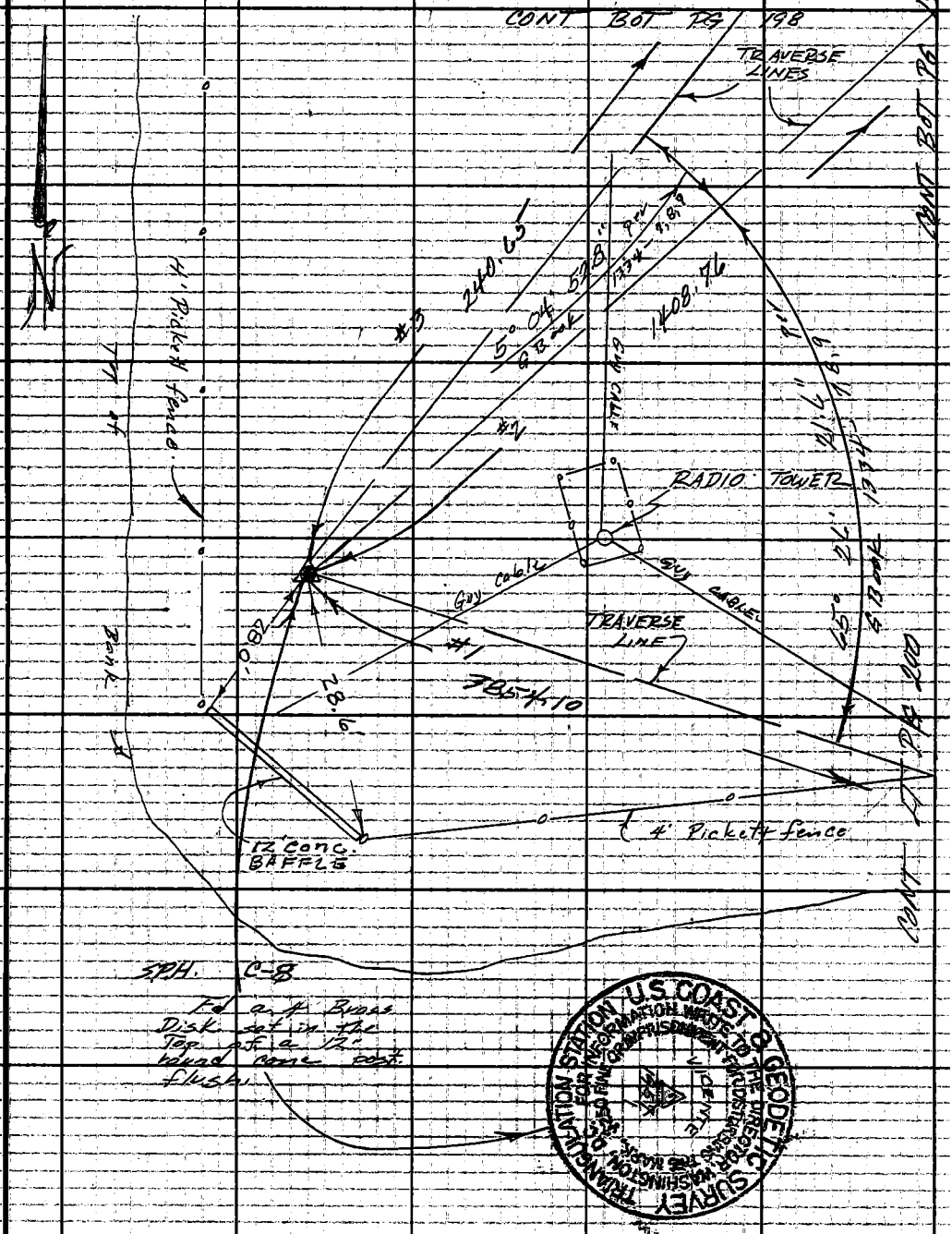
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape HP 38.00 Std °F
Office Work	Surveyed by FEB
Checked	Notes FEB Date 25 May 76
Date	Indexed L. M. PALMERI JUN 1 1976

F. B 2922 PG. 197



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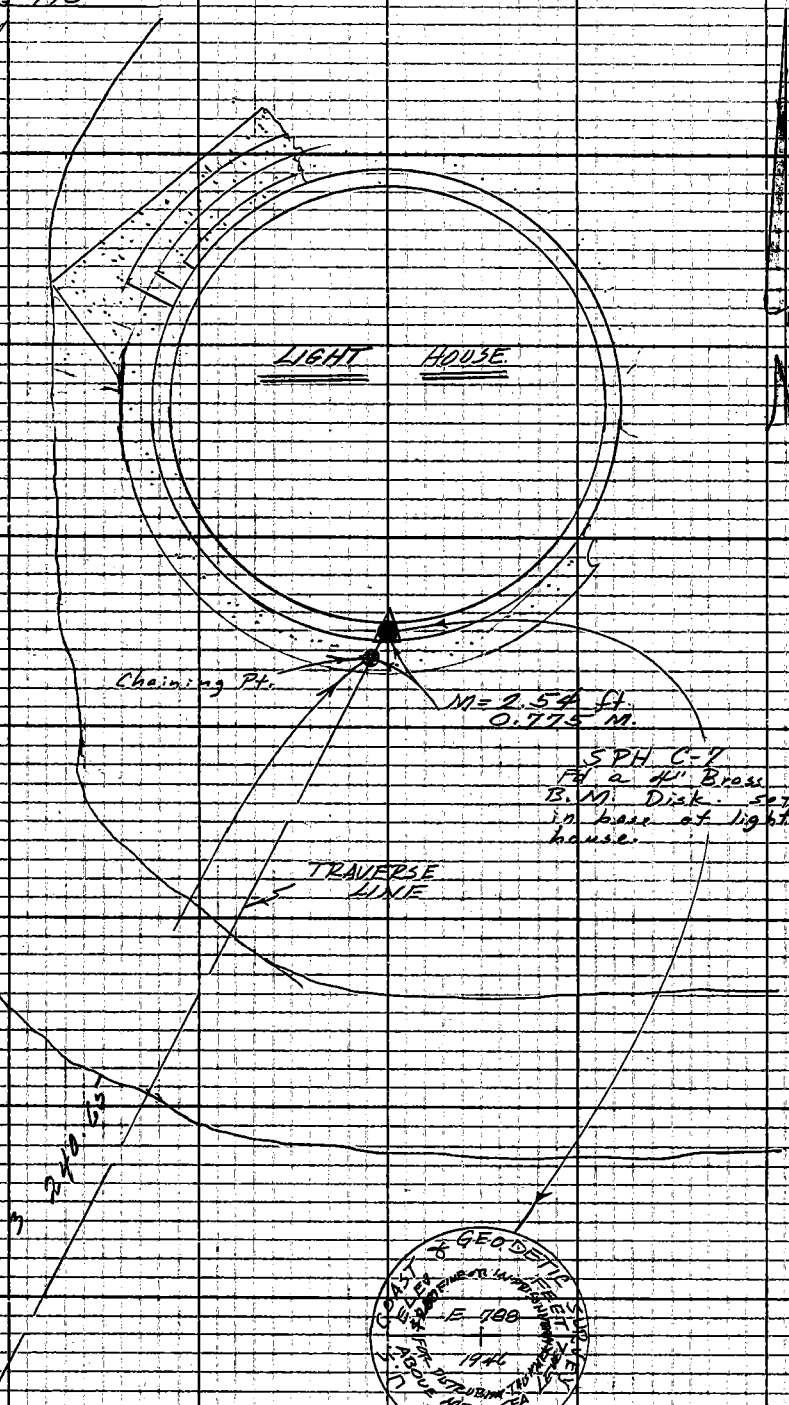
76F309S CE#310 3-68

F. B. 2922 Pg. 198



CONT. TOP PG 197

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Notes Ck'd by
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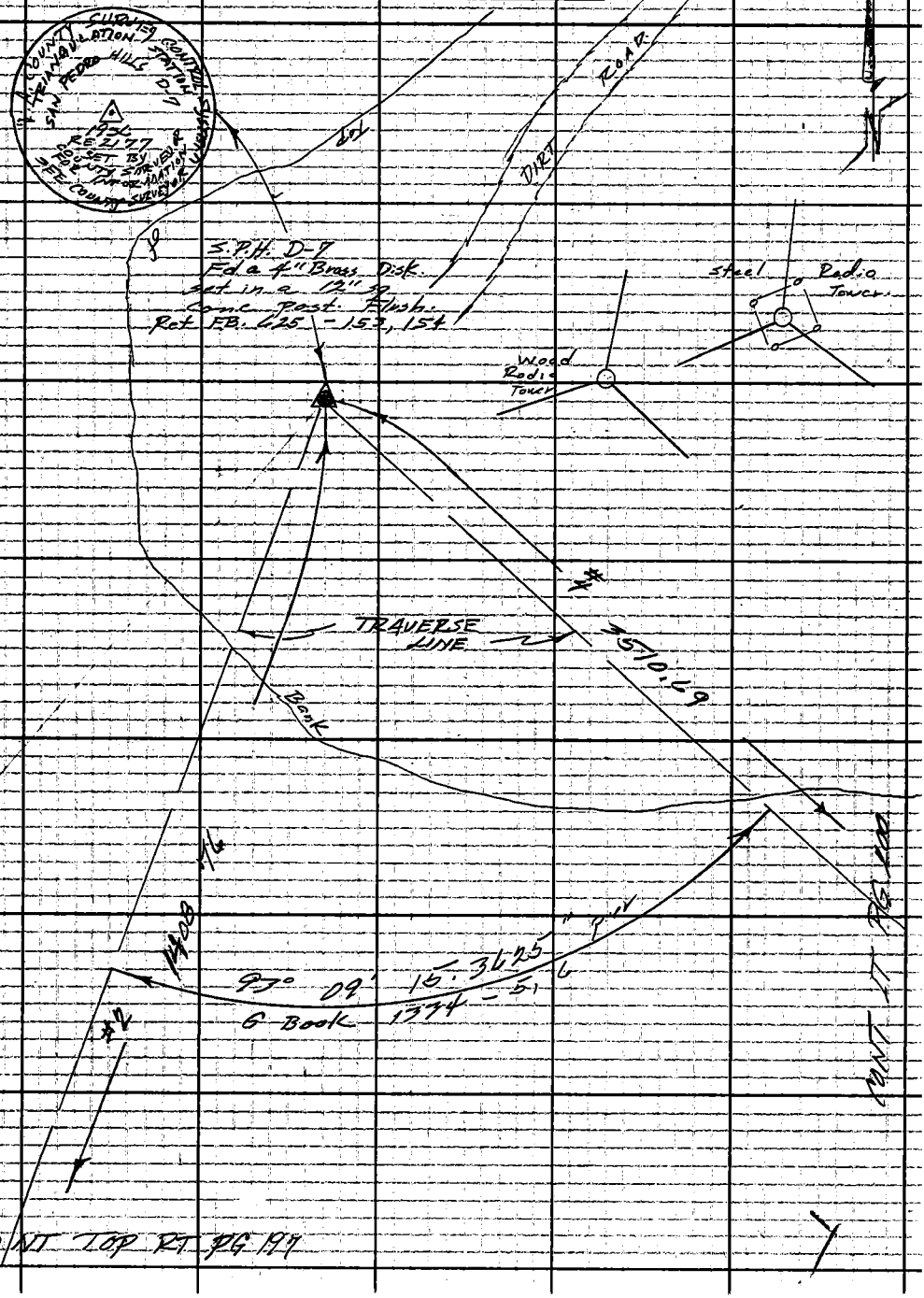
Office Work
Checked
Date

Survey of GEODETIC CONTROL F. B. 2922 PG. 199
JN 0301.02 Tape HP 3800 Std °F
Surveyed by F.E.B
Notes F.E.B Date 26 May 76
Indexed L. M. PALMER JUN 1 1976



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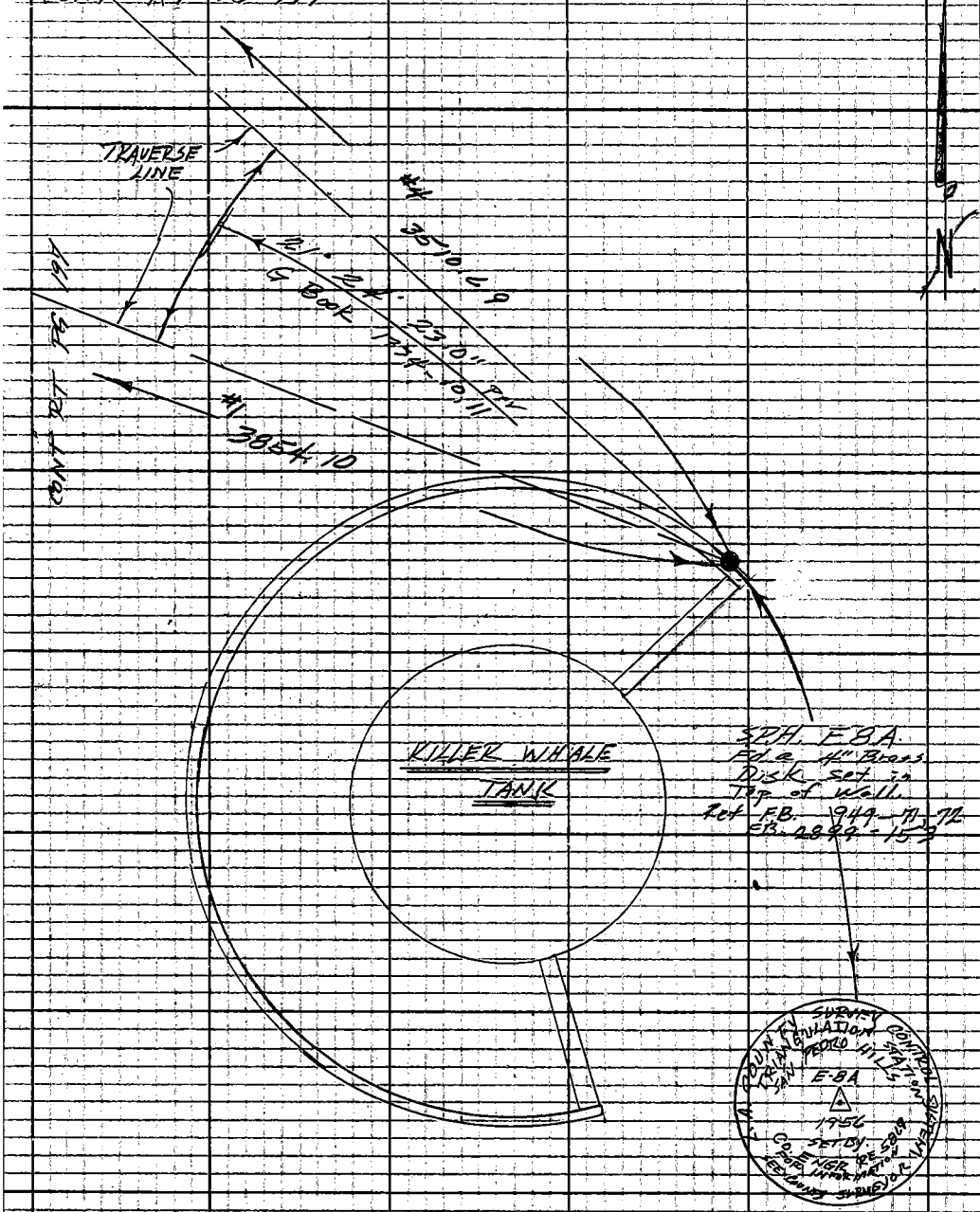
76F3095 CE#310 3-68

F.B. 2922 PG. 200
CONT RT PG. 199



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

Survey of GEODETIC CONTROL
JN 0301.02 Tape Std °F
Surveyed by FEB
Notes FEB Date 24 May 76
Indexed J. M. PALMER JUN 1 1976

F. B 822 PG. 204

#1
SPH C-8 To SPH E8A
T 66°
Bar 30.1 EV +2
Inst HI @ C-8 5.20
Target HI @ E8A 1.15
mean Ver ∠ +0° 13' 55"
machine Dist 3854.134
Corrected Dist 3854.102 = 3854.10

#2
SPH D-7 To SPH C-8
T 74°
Bar 29.9 EV +8
Inst HI @ D-7 5.20
Target HI @ C-8 5.15
mean Ver ∠ - 7° 37' 00"
machine Dist. 1421.396
Corrected Dist. 1408.755 = 1408.76

#3
SPH C-8 To ch. pt. ~~SPH C-7~~
T 66°
Bar 30.1 EV +2
Inst H.I @ C-8 5.20
Target HI @ C-7 ch. pt. 4.35
mean Ver ∠ +1° 50' 55"
machine dist 240.778
Corrected dist. 240.652 = 240.65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

DPW 3095 CE#311 3-68

F.B. 2929 PG. 202

#4
SPH D-7 To SPH E8A
T 68°
Bar 29.9 EV +5
Inst HT @ D-7 5.20
Target HT @ E8A 1.15
mean Ver ∡ -2° 48' 45"
machine Dist 3514.924
Corrected Dist. 3510.690 = 3510.69

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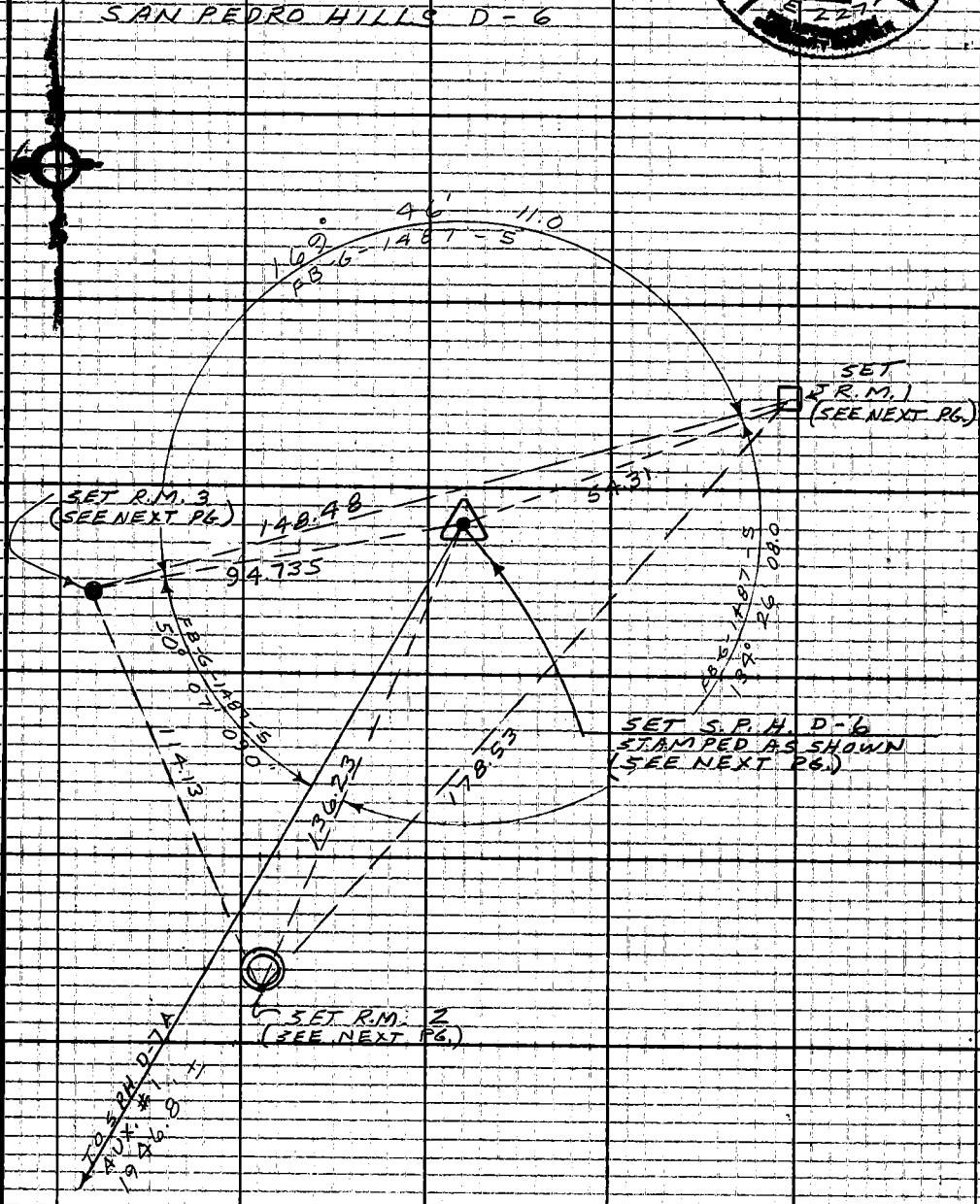
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of POINT VICENTE AREA
J.N. 03011.00 Tape — Std — °F.
Surveyed by W. A. R.
Notes W. A. R. Date 12-14-76
Indexed G. D. BAILEY FEB 1 1977

F.B. 2922 Pg. 203

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
SAN PEDRO HILLS D-6



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403 LOS ANGELES COUNTY ENGINEERING BLDG

76F309S CE#3103-69

F.B. 2922 PG. 204

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
SAN PEDRO HILLS D-6.

MEASUREMENTS

300' TAPE T = 72°	300' TAPE T = 72°
54.47 ∡ = +04° 24' 35" = 54.308 L.	54.55 ∡ = 05° 19' 14" = 54.314 AV. = 54.311
137.94 " -09° 01' 22" = 136.223 L.	137.81 " -08° 39' 03" = 136.232 " = 136.228
96.68 " -11° 27' 04" = 94.745 L.	96.54 " -11° 05' 34" = 94.726 " = 94.735
180.70 " -08° 51' 28" = 178.535 L.	180.51 " -08° 28' 58" = 178.525 " = 178.530
150.56 " -09° 29' 13" = 148.491 L.	150.41 " -09° 09' 26" = 148.483 " = 148.487
114.14 L. = 114.13 L.	

AREA: THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE PALOS VERDES HILLS, IN THE CITY OF RANCHO PALOS VERDES.
SEE USGS 7.5' REDONDO BEACH QUAD SHEET, 1972

ROUTE: FROM THE INTERSECTION OF PALOS VERDES DR. W. & HAWTHORNE BLVD., GO EASTERLY ON HAWTHORNE BLVD 1.5 MI. TO DUPRE DR., TURN LT. & W.LY., FOLLOW DIRT TRAIL 0.25 MI. TO STATION.

STATION MARK: A 1" I.P. WOOD PLUG & P.M. FLUSH
12-27-76 - REPLACED 1" I.P. WITH A 4" LACO SUR CONT SYS TRAV. STA BRASS DISC STAMPED "SAN PEDRO HILLS D-6 1976 RCE 22726
IN 12" X12" CONC. PAD 4" ABOVE SURFACE

REFERENCE MARKS:

NO. 1. A L.A. CO. ENGR. TAG, TACK & LEAD PLUG IN 26" X 26" CONC. PAD UP 12"

NO. 2 A P.M. ON S.S.M.H. RIM

NO. 3 A BT. SPK. & W. IN 12" DIA. CONC. PAD. FLUSH WASHER IS STAMPED "G.C. R/W R.E. 5869".

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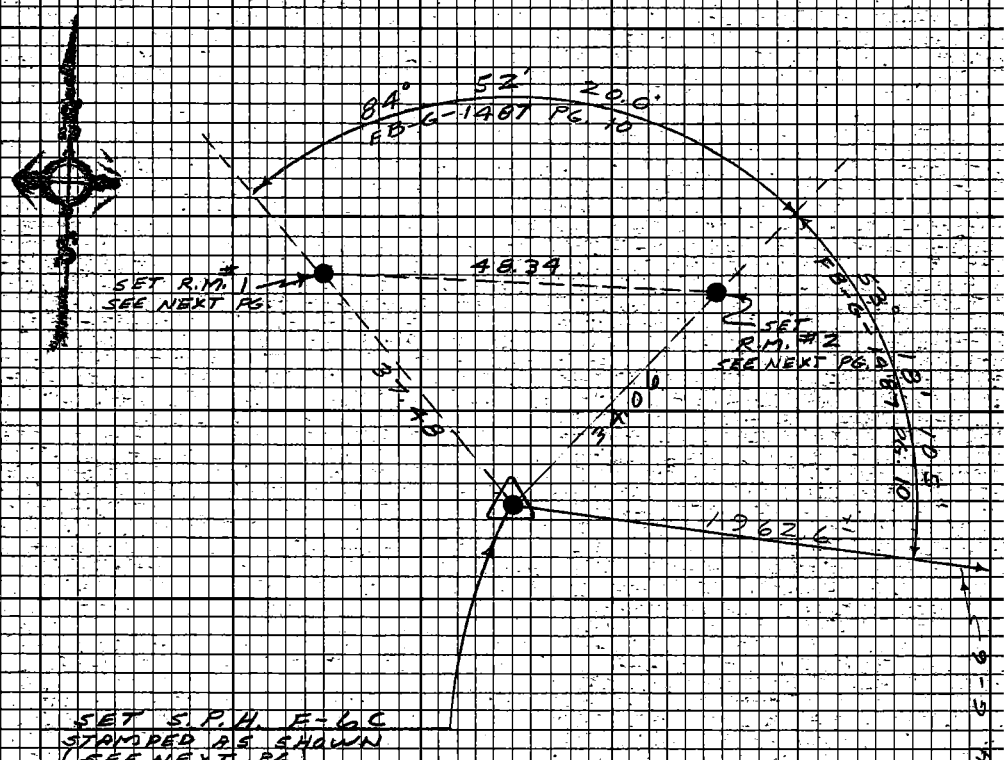
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by W.A. RICHARDS
Checked	Notes W.A.R. Date 12-76
Date	Indexed G.D. BAILEY FEB 1 1977

F.B. 2922 PG. 205

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
SAN PEDRO HILLS F-6C
1976
SET BY
R.E. 22726
FOR INFORMATION
SEE COUNTY ENGINEER

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
SAN PEDRO HILLS F-6C



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75F3098 CE# 310 9-67

F.B. 2922 PG 206

LA. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

SAN PEDRO HILLS F-6C

MEASUREMENTS:

100	TAPE	T = 62°
37.48	LEVEL	= 37.48
34.06	"	34.06
48.34	"	48.34

AREA: THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE PALOS VERDES HILLS, IN THE CITY OF RANCH PALOS VERDES. SEE U.S.G.S. 7.5' REDONDO BEACH QUAD SHEET 1972, T5S, R14W, 800± SO OF CREST RD 1962.6± W'LY OF S.P.H. G-6 PER H.P. DIST.

ROUTE: FROM THE INTER OF CRENSHAW BL. & CREST RD, GO S.W. ON CREST RD 1.0 MI. TO WATER CO. SIGN ON SO. SIDE OF RD & GEN TELEPHONE CO. BUILDING ON THE NO. TURN RT. (S) ON DIRT RD TO STEEL CABLE & 2 STEEL POST (NO KEY NEEDED) FOLLOW DIRT RD 0.4 MI. TO FORK IN RD. FOLLOW TO RT. (S.W'LY) 0.4 MI. TO STATION & TOP OF RIDGE

STATION MARK: SET A 4" LA. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STA. BRASS DISC. STAMPED "SAN PEDRO HILLS F-6C 1976 RCE 22726" IN 12"X12" CONC. PAD 6" ABOVE GRD

REFERENCE MARK.

NO. 1 SET A 4" LA. COUNTY SURVEY CONTROL SYSTEM BRASS DISC. STAMPED "SAN PEDRO HILLS F-6C RM NO. 1 1976 RCE 22726" IN 12"X12" CONC PAD 6" ABOVE GRD.

NO. 2 SET A 4" LA COUNTY SURVEY CONTROL SYSTEM BRASS DISC. STAMPED SAME AS RM NO. 1 EXCEPTED STAMPED RM NO. 2

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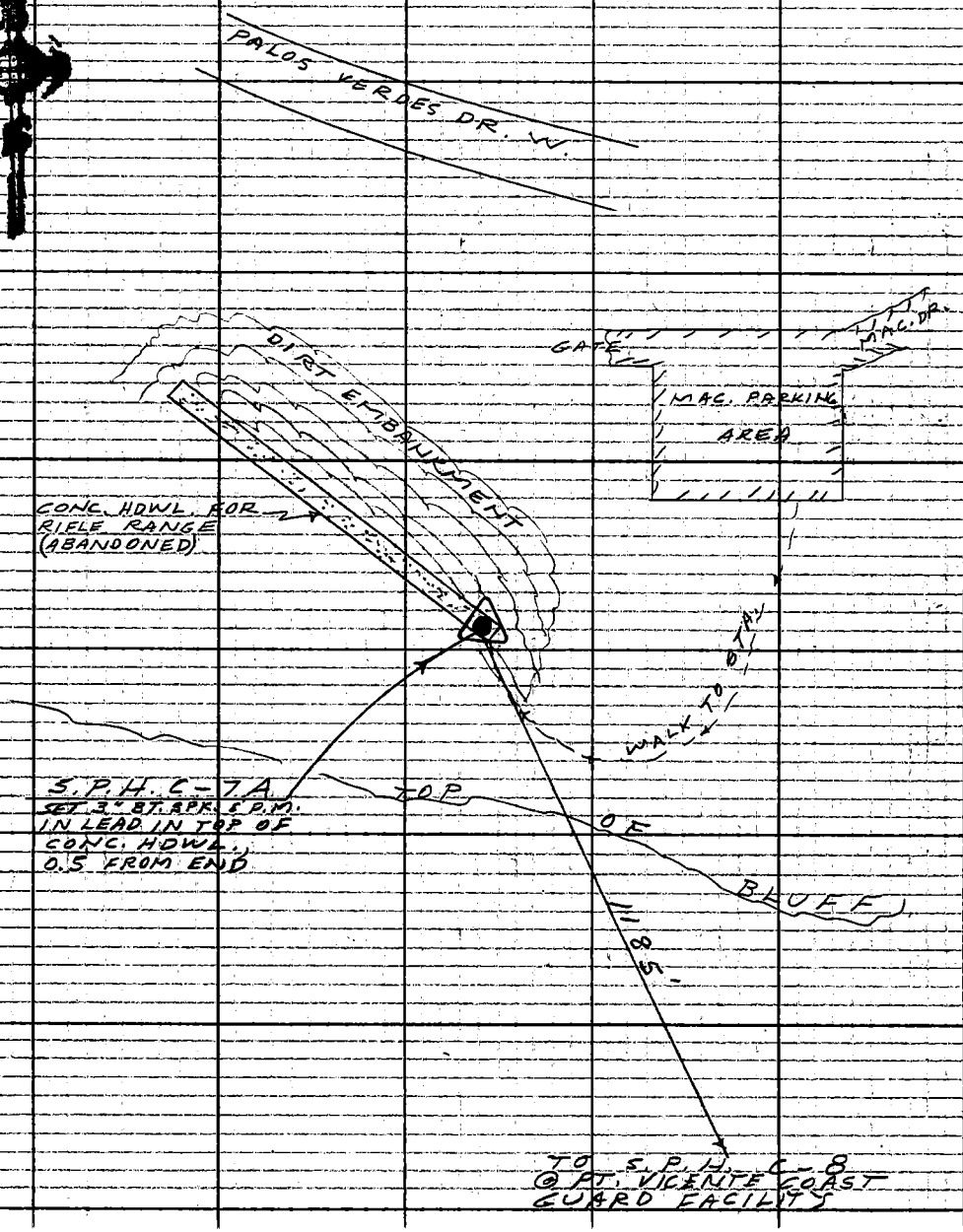
Map No.	JN 030100 Tape — Std — °F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W. A. R. Date 1-77
Date	Indexed G. D. BAILEY FEB 1 1977

F. B. 2922 PG. 207

2. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
SAN PEDRO HILLS C-7A



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76F309S CE#310 3-69

F.B. 2922 Pg. 208

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

SAN PEDRO HILLS C-7A

MEASUREMENTS

(NONE)

AREA: THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE PALOS VERDES HILLS AREA, IN THE CITY OF RANCHO PALOS VERDES, NEAR PT. VICENTE SEE U.S.G.S. 7.5' REDONDO BEACH QUAD SHEET, 1972

ROUTE: FROM THE INTERSECTION OF HAWTHORNE BLVD. & PALOS VERDES DR. W. GO S'ELY 0.5 MI. ON PALOS VERDES DR. W. TO ENTRANCE RD. LEADING TO THE P.T. VICENTE LIGHTHOUSE AND COAST GUARD FACILITY, FOLLOW MAC. DR. W'LY. TO RIFLE RANGE PARKING LOT.

STATION MARK: A 3" BT. SPK. E.P.M. IN LEAD IN CONC. HDWL.

REFERENCE MARKS: NONE

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Date

Survey of PT. VICENTE
J.N. 0301.00 Tape — Std — °F.
Surveyed by W. A. RICHARDS
Notes W.A.R. Date 1-77
Indexed G.D. BAILEY FEB 1 1977

F. B. 2922 PG. 209

J. N. 0301.00

GEODETIC CONTROL

PT. VICENTE TRAVERSE

STABILITY STUDY

ADDITIONAL CONTROL FOR POSITION OF SAN PEDRO HILLS TRIANGULATION STATION C-8

REDONDO BEACH QUAD., 1973 REVISION

RICHARDS
MOODY
TURRILL
BUSTRUM
FLOREK
FISHER

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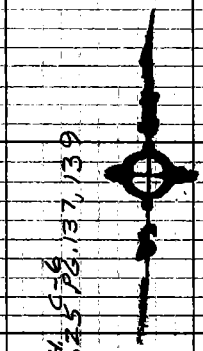
16F309 sl ck#3 10/3-65

F.B. 2922 PG. 210

AREA INDEX MAP
(NO SCALE)



S.P.H. C-6
F.B. 6225, 137, 139

S.P.H. D-6
F.B. 2922
PG. 203, 204

S.P.H. F-6 G
F.B. 2922 PG. 205, 206

S.P.H. G-6
F.B. 6225

S.P.H.
D-7 A
AUX. #1
F.B. 949
PG. 85

S.P.H.
C-7A
F.B. 2922
PG. 207, 208

S.P.H.
D-7
F.B. 6225
PG. 154

S.P.H. C-7
F.B. 2922-198

S.P.H. C-8
F.B. 2922 PG. 197

S.P.H. E-8B

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Map No.	J.N. 0301.00 Tape — Std. — °F	
Office Work	Surveyed by W. A. RICHARDS	
Checked	Notes W. A. R. Date 1-77	
Date	Indexed G. D. BAILEY FEB 1 1977	

J.N. 0301.00

PT. VICENTE TRAVERSE

TABULATION OF DISTANCES BETWEEN STATIONS AS MEASURED WITH H.P. DISTANCE METER # 1225A02170

FROM	TO	DIST.	MEAN DIST.
S.P.H. G-6	S.P.H. E-8B	8016.557	
S.P.H. E-8B	" G-6	8016.833	8016.695
" G-6	" F-6C	1962.605	
" F-6C	" G-6	1962.602	1962.604
" G-6	" D-7A, AUX #1	6796.268	
" D-7A, AUX #1	" G-6	6796.369	6796.319
" F-6C	" D-6	3766.382	
" D-6	" F-6C	3766.393	3766.388
" F-6C	" D-7A, AUX #1	5152.539	
" D-7A, AUX #1	" F-6C	5152.559	5152.546
" F-6C	" E-8B	6943.021	
" E-8B	" F-6C	6943.240	6943.131
" D-6	" C-6	4178.598	
" C-6	" D-6	4178.754	4178.676
" D-6	" D-7	3659.047	
" D-7	" D-6	3659.138	3659.090
" D-6	" D-7A, AUX #1	1946.766	
" D-7A, AUX-1	" D-6	1946.754	1946.760
" C-6	" D-7A, AUX #1	4495.155	
" D-7A, AUX #1	" C-6	4495.084	4495.120
" C-6	" D-7	3922.504	
" D-7	" C-6	3922.536	3922.520
" C-6	" C-7A	3553.359	
" C-7A	" C-6	3553.383	3553.371
" C-7A	" D-7	952.522	
" D-7	" C-7A	952.497	952.510
" C-7A	" C-8	1185.206	
" C-8	" C-7A	1185.198	1185.202
" C-8	" D-7	1408.842	
" D-7	" C-8	1408.789	1408.816
" C-8	" E-8B	3845.412	
" E-8B	" C-8	3845.440	3845.426
" E-8B	" D-7	3553.788	
" D-7	" E-8B	3553.781	3553.785
" E-8B	" D-7A, AUX #1	3123.945	
" D-7A, AUX #1	" E-8B	3123.897	3123.921
" D-7A, AUX #1	" D-7	2109.640	
" D-7	" D-7A, AUX #1	2109.686	2109.663
" C-8	" C-7	243.208	243.208

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76F309S CE#310 3-69

Profile No. | Notes Red Date | Plotted Date | Job No. 3765.06 | Division No. 11 | F. B. 2922 | Pg. 213

X-Sec. No. | Notes Chk'd. Date | Checked Date | Survey of NARCISSA DRIVE S.D. PRELIM. | Survey by K. MYERS Notes K.M. Date 5-22-78 | Map No. | Indexed G. D. BAILEY Date MAY 25 1978

NARCISSA DRIVE

S. D. PRELIM.

HORIZONTAL CONT.

JN 3765.06

K. MYERS

M. BUSTRUM

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

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76-L-298 CE 307 8-70

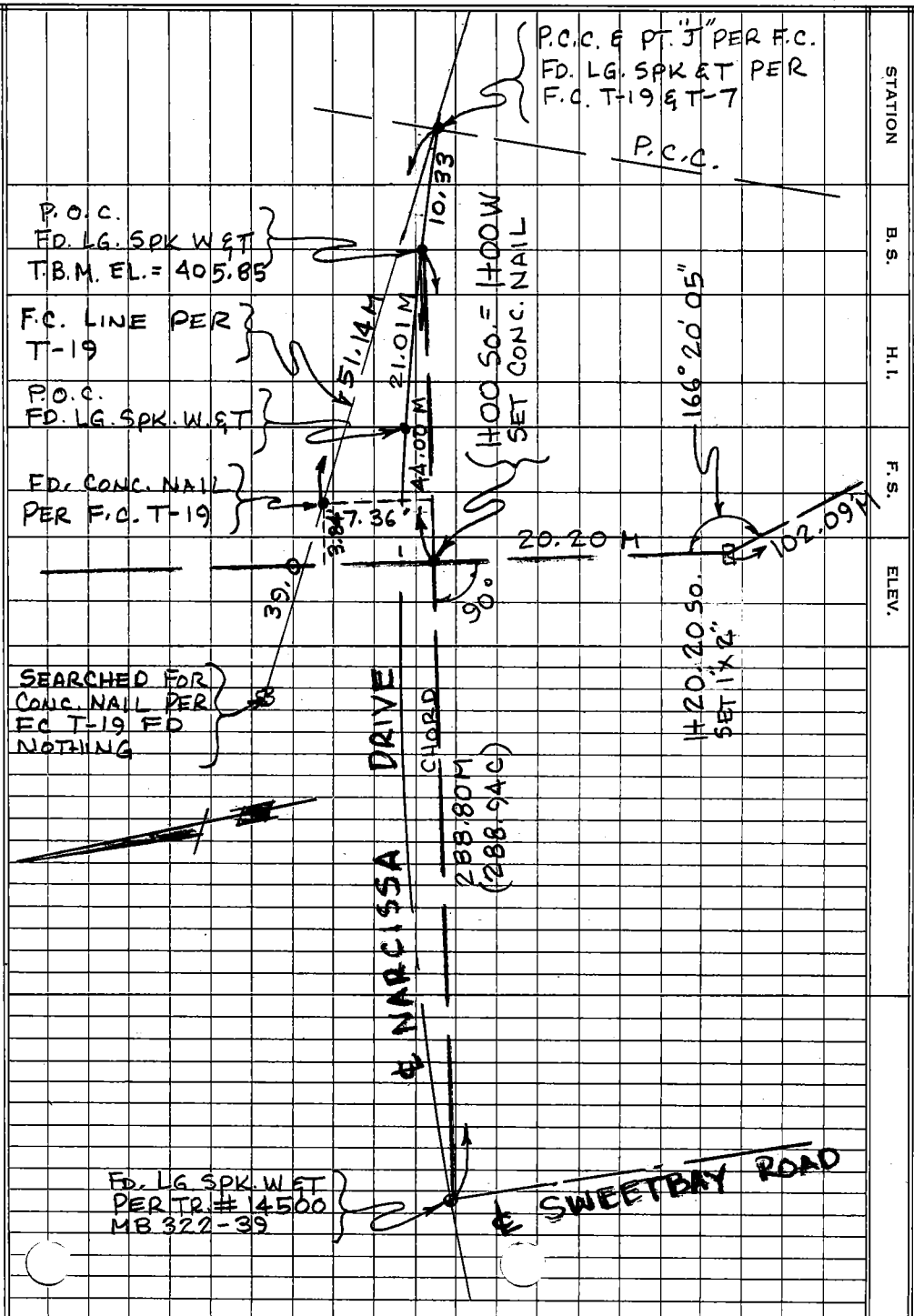
F. B. 2922 Pg. 214 | 3765.06 Job No. | Division No. 11 | Notes Red | Plotted | Profile

Survey of NARCISSA DR. SD. ARELIM. | Date | Date | No.

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

Indexed G. D. BAILEY | Date MAY 20 1976 | Date | Date | No.

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



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76-L-298 CE 307 8-70

Profile No. | Notes Red Date | Plotted Date | Job No. 3765.06 | Division No. 11 | F. B. 2922 Pg. 215
X-Sec. No. | Notes Chk'd. Date | Checked Date | Survey of NARCISSA DR. SD. PRELIM. | Survey by K.MYERS Notes K.M. Date 5-22-78 | Map No. | Indexed D. D. BAILEY Date MAY 25 1978

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

102.09

2+22.29
PENCIL "+" ON ROCK
PAINTED RED EL = 382.70

144° 41' 15"

431.10

2+65.39
PENCIL "+" ON
ROCK PAINTED
RED

137° 33' 25"

81.16

3+46.55
PENCIL "+" ON ROCK
PAINTED RED

163° 40' 30"

61.13

10.4

3.5

10.2

4+07.9 (END)
CONC STABILIZER

76-L-298 CE 307 8-70

F. B. 2922 Pg. 216 | Job No. 3765.06 | Division No. 11 | Notes Red | Plotted | Profile

Survey of NARCISSA DR. S.D. PRELIM. | Date | Date | No.

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

Indexed | Date | Date | Date | No.

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

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76-1-298 CE 307 8-70

Profile No. | Notes Red Date | Plotted Date | Job No. 3765.06 | Division No. 11 | F. B. 2922 PG. 257

X-Sec. No. | Notes Chk'd. Date | Checked Date | Survey of NARCISSA DR. S.D. PRELIM.

Survey by K. MYERS Notes K.M. Date 5-22-78 | Map No. | Indexed G. D. BAILEY Date MAY 26 1978

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

NARCISSA DRIVE

S.D. PRELIM.

TOPOG. ON NARCISSA DR.

J.N. 3765.06

K. MYERS
M. BUSTRUM

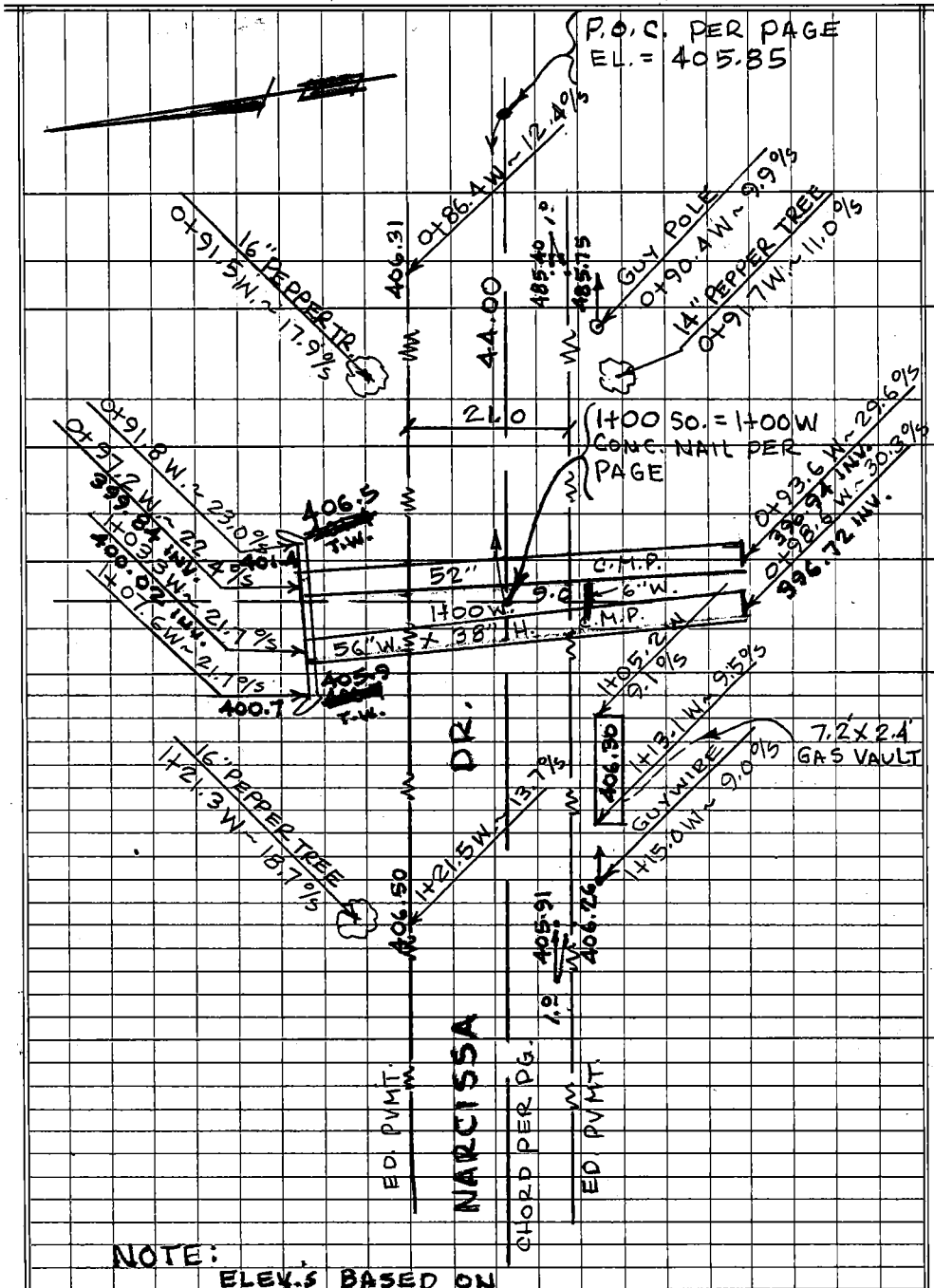
76-L-298 CE 307 8-70

F. B. 2922 Pg. 218 | 3765.06 Job No. Division No. 11 Notes Red Plotted Profile

Survey of NARCISSA DR. S.D. PRELIM. Date Date No.

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

Indexed G. D. BAILEY Date MAY 26 1976 Date Date No.



NOTE:
ELEV.S BASED ON INV. N'LY END OF 56" x 38" C.M.P. EL.= 400.02 PER F.C. T-19

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

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76-L-298 CE 307 8-70

Profile No. | Notes Red Date | Plotted Date | Job No. 3765.06 | Division No. 11 | F. B. 2922 Pg. 219

X-Sec. No. | Notes Chk'd. Date | Checked Date | Survey of NARCISSA DR. S.D. PRELIM. | Survey by K.MYERS Notes K.M. Date 5-22-78 | Map No. | Indexed B. D. BAILEY Date MAY 26 1978

NARCISSA DRIVE

S. D. PRELIM.

CROSS SECTION OF WASH FROM NARCISSA DRIVE TO STA. 4+07.9 SO.

J.N. 3765.06

K. MYERS
M. BUSTRUM

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

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/9-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	T/L	RIGHT
0+46.0 So.				402 9			4° BOT OF WASH.
				409 0			9° TOP OF BANK
				402 7	5° BOT. OF WASH		
				410 0	12° TOP OF BANK		
1+24 So.				405 8			10° TOP OF BANK
				405 8	15° TOP OF BANK		
1+32 So.				387 4			5° BOT OF WASH
				403 8			10° TOP OF BANK
				387 4	5° BOT OF WASH		
				401 4	15° TOP OF BANK		
1+50 So.				386 8			6° BOT OF WASH
				397 0			8° TOP OF BANK
				386 8	6° BOT OF WASH		
				397 5	8° TOP OF BANK		
1+60 So.	START CONC. & ROCK RUBBLE ON RIGHT SIDE OF WASH						
1+75 So.				385 0	1° BOT. OF WASH		
				385 0	7° BOT OF WASH		
1+68 So. OK					19'± LT. POWER POLE		
1+79 So.				389 0			5.5 START 6' BOARD RET. WALL

F. B. 2922 PG. 280 Job No. 3765.06 Division No. 11 Notes Red Plotted Date Profile
Survey of NARCISSA DRIVE S.D. PRELIM Date Notes Chk'd. Checked Date No. X-Sec.
Survey by K. MYERS Notes K.M. Date MAY 26 1978
Indexed G.D. BAILEY

76-L-298 CE 307 8-70

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Profile Notes Red ____ Plotted ____ Job No. 3765.06 Division No. 11 F. B. 2922 Pg. 221
No. ____ Date ____ Date ____ Survey of MARGUSSA DRIVE S.D. PARCEL
X-Sec. Notes Chk'd. ____ Checked ____ Survey by K. MYERS Notes K.M. Date 5-22-78
No. ____ Date ____ Date ____ Map No. ____ Indexed G.D. BAILEY Date MAY 26 1978

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	T/L	RIGHT
2+00 So.				3885			5º @ WOOD RET. WALL
				3870	0.5' TOP CONC. & ROCK		
				3840	0.5' BOT. OF WASH		
				3840	6º BOT. OF WASH		
				3950	7º TOP OF BANK		
2+05 So.	5' LEFT. END CONC. & ROCK RUBBLE ON RIGHT SIDE OF WASH						
2+20				3859			6' END 6' WOOD RET. WL
				3900			9' TOP OF BANK
2+22.29 So.	(90° TO LINE BACK)			3830			4º BOT. OF WASH
				3830	5º BOT. OF WASH		
2+35 So.				3816	7' BOT. OF WASH		
				3926	13' TOP OF BANK		
2+50 So.				3800			T/L BOT. OF WASH
				3890			6º TOP OF WASH
				3800	6' BOT. OF WASH		
				3900	9' TOP OF BANK		
2+65.39 So.	(90° TO LINE BACK)			3793			4º BOT. OF WASH
				3880			6º TOP OF BANK
				3793	5º BOT OF WASH		
				3895	10º TOP OF BANK		

76-L-298 CE 307 8-70

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F. B. 2922 Pg. 222 | Job No. 3765.06 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MARCISSA DRIVE S.D. PRELIM. | Date | No.
Survey by K. MYERS Notes K.M MAY 26 1970 | Notes Chk'd. | Checked | X-Sec.
Indexed D.D. BAILEY | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
3+00 So.				3760		2^{0} BOT. OF WASH
				3848		5^{0} TOP OF BANK
				3760	6.5^{E} BOT. OF WASH	
				3855	11^{E} TOP OF BANK	
3+25 So.				3747		4^{E} BOT. OF WASH
				3747	2^{E} BOT. OF WASH	
3+46.55 So.	(90° TO LINE AHEAD)			3737		6^{0} BOT. OF WASH
				3832		11^{0} TOP OF BANK
				3737	3^{E} BOT. OF WASH	
				3757	6^{E} TOP OF BANK	
				3822	9^{E} TOP OF BANK	
3+75 So.				3733		9^{0} BOT. OF WASH
				3793		17^{0} TOP OF BANK
				3724	4^{0} BOT. OF WASH	
				3749	6^{0} TOP OF WASH	
4+07.9 So.				37158		10^{E} COR. CONC. STBL.
				37110	10^{A} COR. CONC. STBL.	
				3690	15^{A} BOT OF WASH	
				3740	15^{A} TOP OF BANK	
					END	

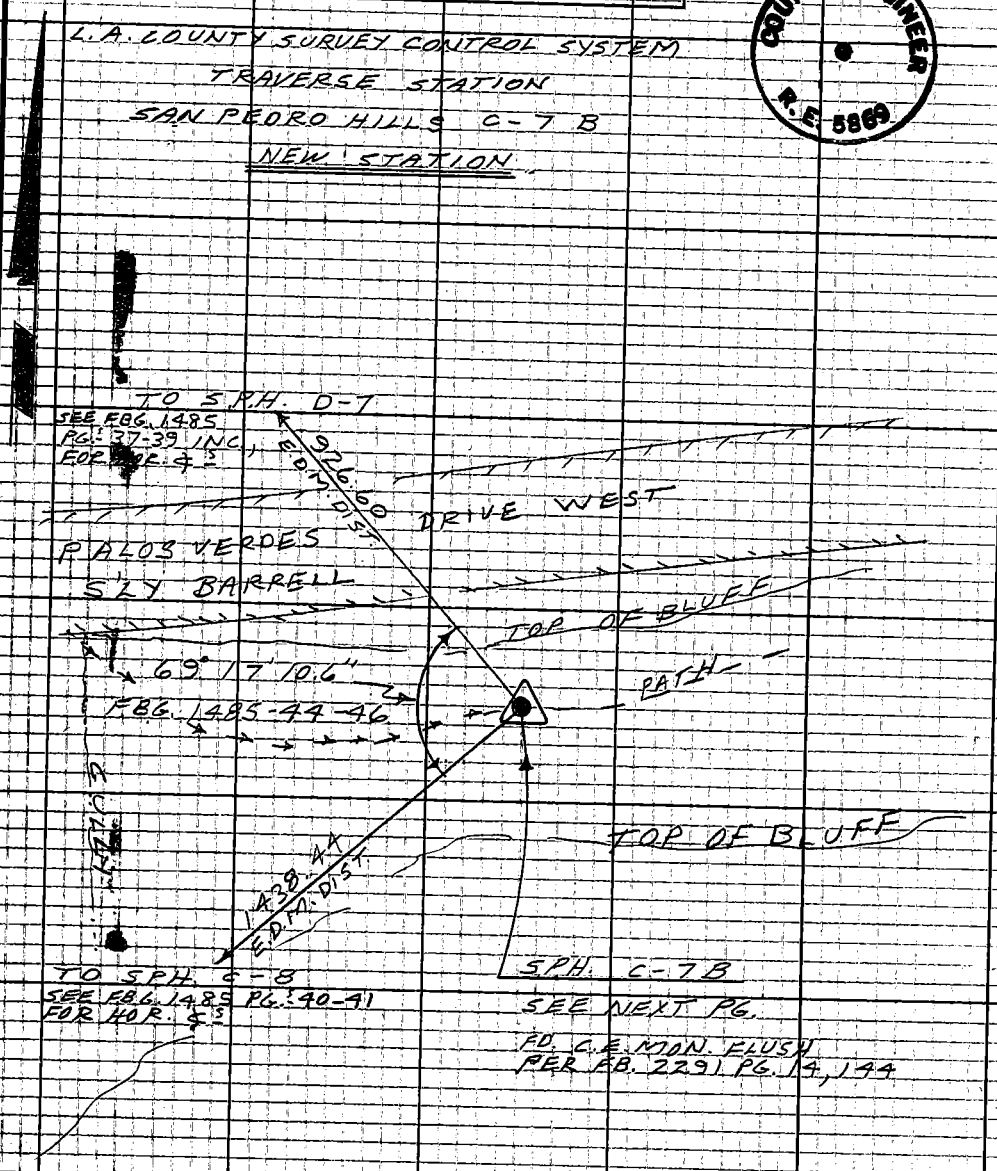
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of GEODETIC CONTROL
J.N. Tape Std °F.
Surveyed by W. A. RICHARDS
Notes W.A.R. Date 7-78
Indexed

F.B. 2922 PG. 223

COUNTY ENGINEER
R.E. 5869

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
SAN PEDRO HILLS C-7 B
NEW STATION



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

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.

F.B. 2922 PG. 224

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
SAN PEDRO HILLS C-7 B

MEASUREMENTS

NONE

AREA: THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE PALOS VERDES [illegible] IN THE CITY OF RANCHO PALOS VER[illegible] ON THE WESTERLY SLOPE OF A SMALL HI[illegible] THE S'LY SIDE OF PALOS VERDES DRIVE WES[illegible]

ROUTE: FROM THE INTERSECTION OF PALOS VER[illegible] DRIVE WEST AND HAWTHORNE BLVD. GO EA[illegible] ALONG PALOS VERDES DRIVE WEST 0.6 MI[illegible] SMALL GULLY @ E'LY. FENCE LINE OF THE [illegible] VICENTE LIGHTHOUSE FACILITY. FOLLOW [illegible] 245' ± TO STATION.

STATION MARK: A 2½" BRASS DISC. IN 6" CONC. POST S[illegible] "COUNTY ENGINEER R.E. 5869" FLUS[illegible] GROUND SURFACE

REFERENCE MARKS: NONE

PLEASE RETURN TO
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Dept. of Water Works
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76F3