d by

Survey of GEODETIC CONTROL F. B. 2456 PG. 5
JN 0301.00 Tape Std °F
Surveyed by
Notes Date
Indexed H. E. OTT AUG 3 '61

JOB NO 0301.00

ODETIC CONTROL

NGULATION AND TRAVERSE STATIONS,
MONA, COVINA AREAS
DITIONS AND REPLACEMENTS

Microfilmed Jan 86.

INDEX

F. B. 2456 PG. 6

STATION		LOCATION	PAGE
GLENDORA	H-12	ARROW Hwy & VALLEY CENTER	9
AZUSA	J-12	" " & VINCENT AVE.	11
GLENDORA	I-12	" " W. OF LONE HILL AVE	13
CLAREMONT	H-1C	HARRISON AVE. & SAN ANTONIO AVE.	15

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F. B. 2456 PG. 7

INDEX CONTINUED

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76F3095 CE #247—3-57

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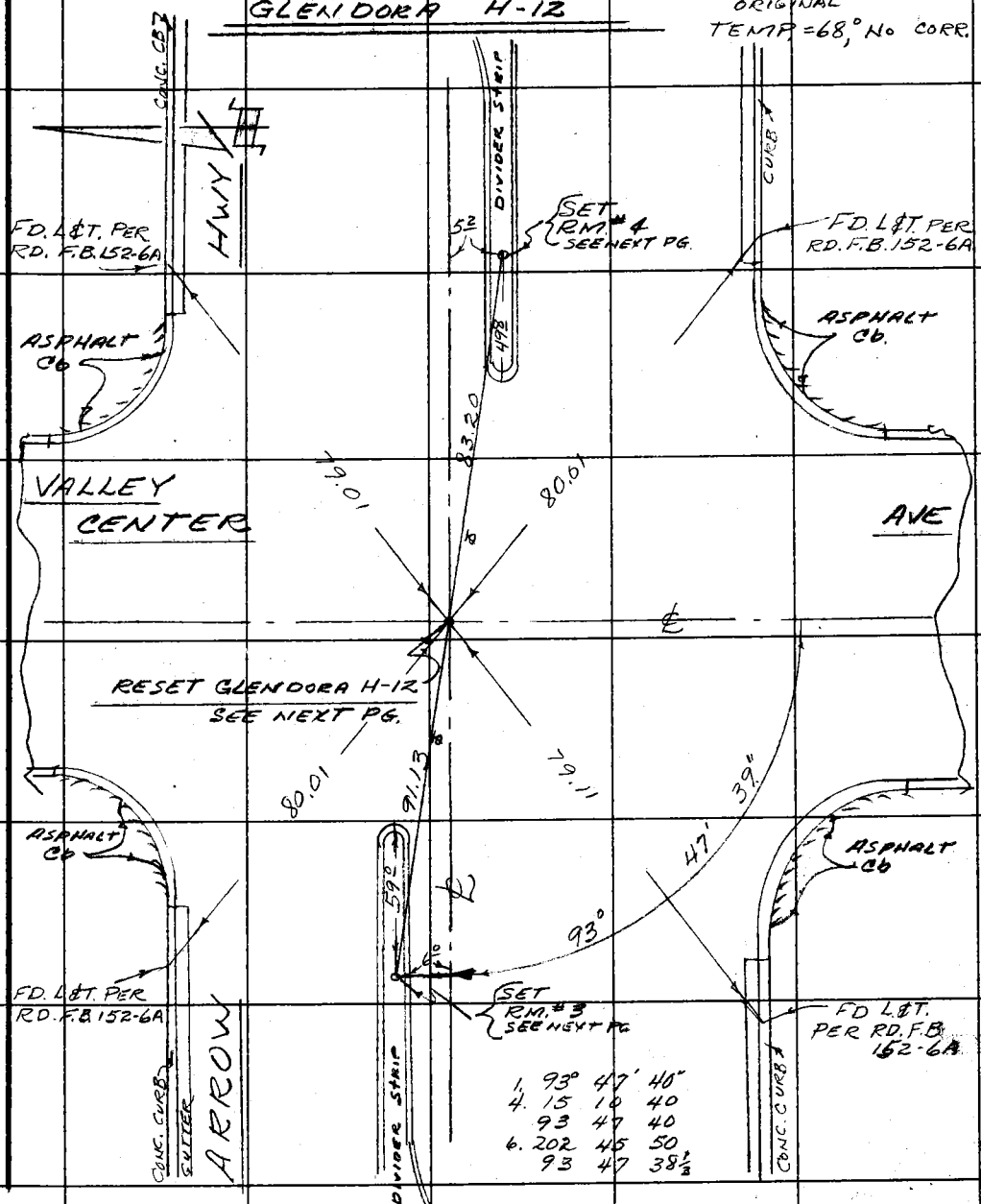
F. B. 2456 PG. 8

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 092 Std 68 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes J. MOODY Date 2-61
Date	Indexed AUG 3 61 H.E. OTT

F.B. 2456 PG. 9

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION GLENDORA H-12

SEE 948-73#74 FOR ORIGINAL TEMP=68°, No CORR.



1.	93°	47'	40"
4.	15	10	40
	93	47	40
6.	202	45	50
	93	47	38½

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76F3095 CE #247—3-57

F. B. 2456 PG. 10

DESCRIPTIONS
GLENDORA H-12

THIS TRAVERSE STATION IS IN COUNTY OF LOS ANGELES, IN THE GLENDORA AREA, IN THE INTERSECTION OF ARROW HIGHWAY AND VALLEY CENTER AVE, IN A HAND HOLE PROTECTED BY A CAST IRON COVER

STATION MARK. FD. A STD. RD. DEPT. MON. IN H. H. ON & INT. PER RD. DEPT F.B. 152-6A REPLACED WITH A STD TRAVERSE MON, STAMPED "GLENDORA H-12, L.A.CO. ENGR. RE. 5869 RESET 1961." NOTE ORIGINAL MON. & RM 1 & 2 DESTROYED BY ROAD CONSTRUCTION

REFERENCE MARK NO. 3 SET A STD REF MON. STAMPED. "GLENDORA H-12, RM NO. 3 1961, L.A.CO. ENGR. R.E. 5869", FLUSH WITH TOP OF CONC. CURB IN CENTER DIVIDER

REFERENCE MARK NO. 4

SAME AS R.M. NO 3. ONLY STAMPED RM. NO. 4

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Map No.	JN 0301.00 Tape 092 Std 68 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes MOODY Date 2-61
Date	Indexed AUG 3 '61 H. E. OTT

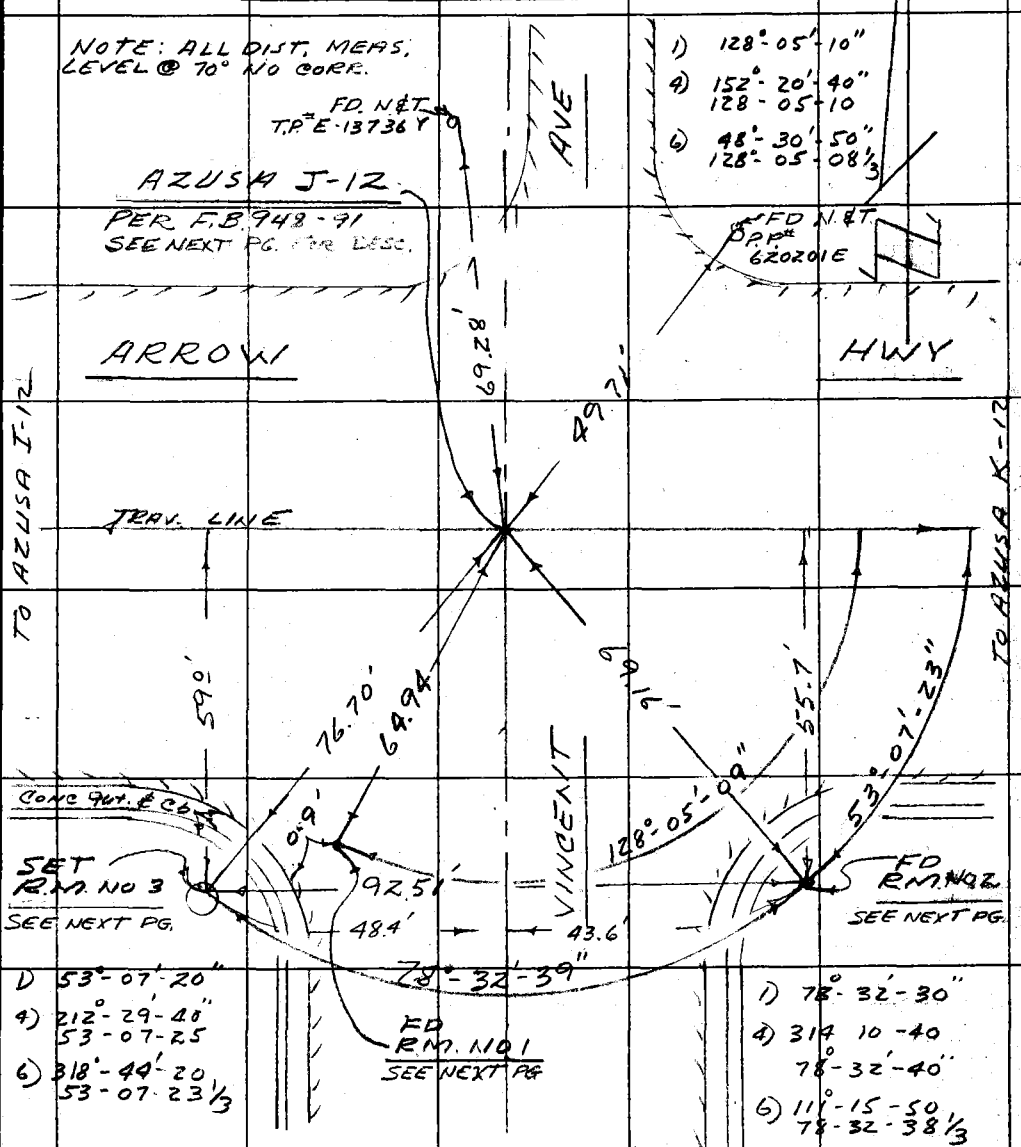
F. B. 2456 PG. 11

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

AZUSA J-12

SEE F.B. 948-91 & 92 FOR ORIG.



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76F309S CE #247—3-57

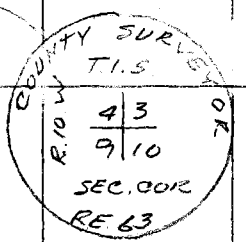
F. B. 2456 PG. 12

DESCRIPTION

AZUSA J-12

THIS STATION IS IN L.A. COUNTY, IN THE CITY OF IRWINDALE, AND IS IN THE INTERSECTION OF ARROW HWY AND VINCENT AVE, DOWN 8" IN A HAND HOLE WITH A STANDARD CAST IRON COVER

STATION MARK FOUND A STANDARD PRE-CAST CONC MON. DOWN 8" WITH A 3" BRASS DISC. STAMPED 'COUNTY SURVEYOR R.E. 63 SEC COR. PER. FB. 948-91



REFERENCE MARK NO 2 FD A STD REF. MON. STAMPED: AZUSA J-12 RM NO. 2 1957 R.E. 5869 DOWN 12" BELOW CURB

REFERENCE MARK NO 3 SET A LA. CO. ENGR. TAG & LEAD IN A CONC. BASS OF SHELL SIGN

REFERENCE MARK NO 1 FOUND SAME AS RM NO 2 ONLY STAMPED NO 1 ON. 14" BELOW GUTTER

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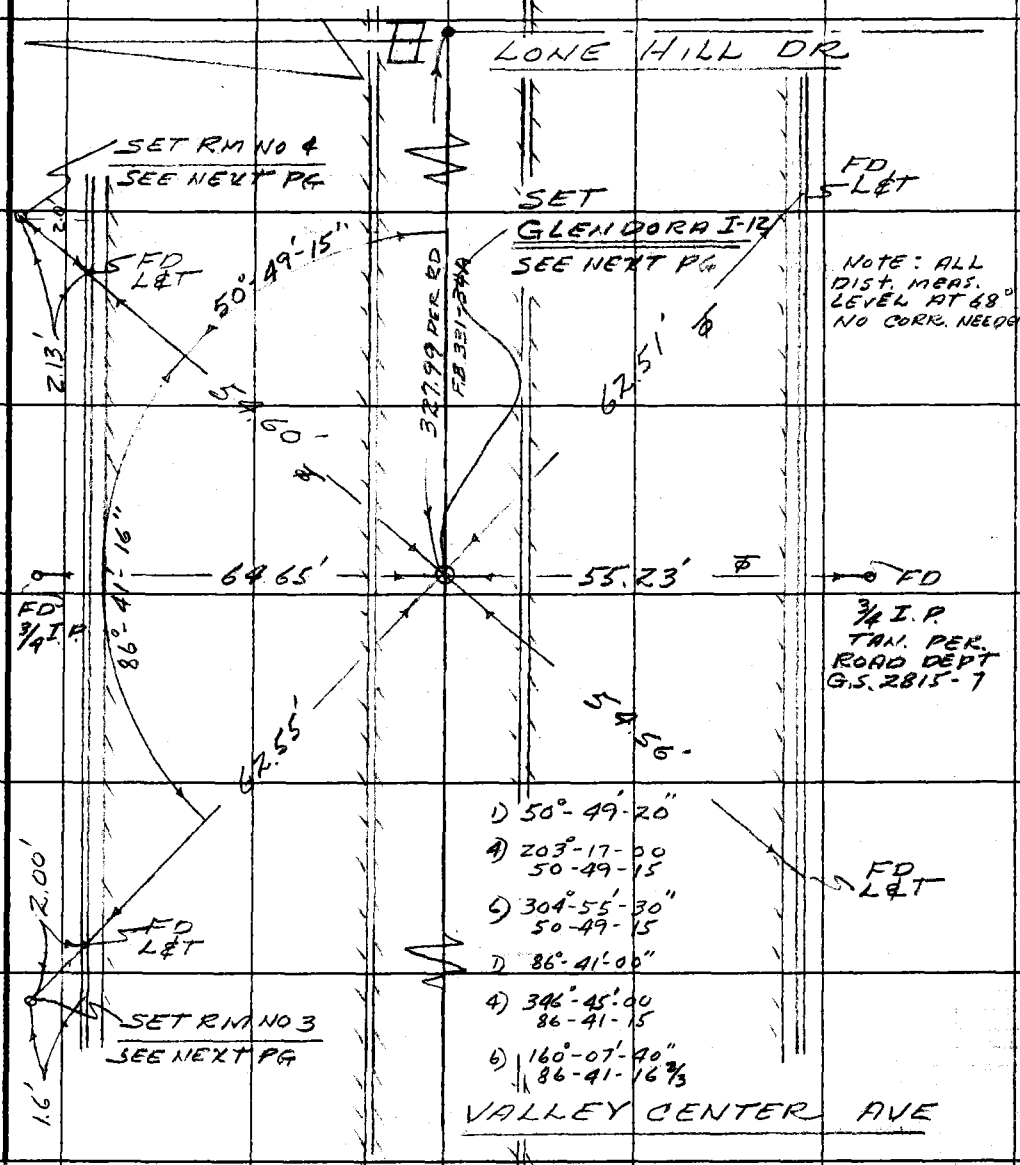
Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2456 Pg. 13
Map No.	JN 0301.00 Tape 092 Std 68 °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes MOODY Date 3-24-61	
Date	Indexed AUG 3 '61 H. E. OTIS	

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
GLENDORA I-12

(SEE F.B. 948-103 FOR ORIGINAL)



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76F3095 CE #247—3-57

F. B. 2456 Pg. 14

DESCRIPTIONS

GLENDORA I-12

THIS TRAVERSE STATION IS IN LOS ANGELES COUNTY, IN THE SAN DIMAS AREA, IN THE DIVIDER STRIP OF ARROW HWY, IN A H.H. WELL ON SUMMIT OF HWY, 328'± WEST OF THE INTERSECTION OF LONE HILL AVE AND ARROW HWY

STATION MARK SET A STANDARD BRASS TABLET TRAVERSE MONUMENT IN CONC. 10" BELOW PAVEMENT. STAMPED GLENDORA I-12, L.A. CO. ENGR. R.E. 5869 RESET 1961, THIS MON. IS A REPLACEMENT OF RD DEPT MON. PER RD F.B. 331-34A WHICH WAS A PERPETUATION, PER RD DEPT G.S.-2815-7, OF ORIGINAL C.S. MON. PER F.B. 948-103

REFERENCE MARK NO 3 SET A STANDARD REF. MON. STAMPED GLENDORA I-12 RM. NO. 3 1961 R.E. 5869 DN. 14"

REFERENCE MARK NO. 4 SET SAME AS FOR RM. NO 3 ONLY RM. NO 4 DN. 14"

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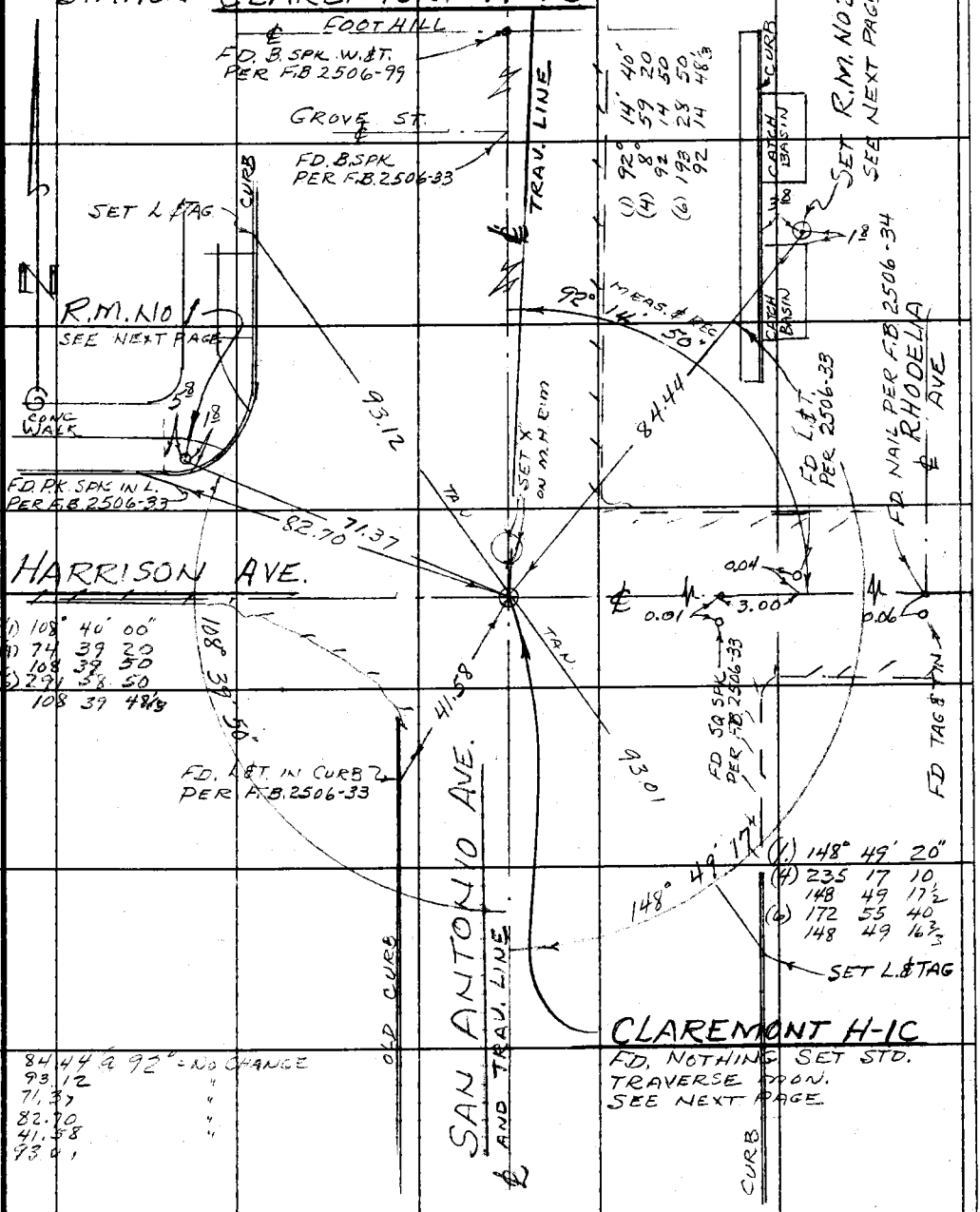
Map No.	JN 0301.00 Tape Std 84° °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 7-18-61
Date	Indexed AUG 3 '61 R.E. ON

F.B. 2456 PG. 15

L.A. CO. SURVEY CONTROL SYSTEM TRAVERSE

STATION CLAREMONT H-1C



84.44 @ 92° = NO CHANGE
93.12 "
71.37 "
82.70 "
41.58 "
93.01 "

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76F309S CE #247—3-57

F. B. 2456 Pg. 16

TRAVERSE STATION
CLAREMONT H-1C

THIS STATION IS IN LOS ANGELES COUNTY, IN THE NORTH EASTERLY PART OF THE CITY OF POMONA, AT THE CENTER LINE INTERSECTION OF SAN ANTONIO AVE AND HARRISON AVE.

STATION MARK. - FOUND NOTHING. SET A STD TRAVERSE STATION MONUMENT STAMPED "CLAREMONT H-1C 1961 L.A.CO. ENGR. RE.5869" 8 INCHES DEEP UNDER CAST IRON COVER, ON ℄ INTERSECTION OF ℄ FROM NORTH AND ℄ FROM EAST AND PER TIES PER F.B. 2506-33, 34 & 99

R.M. NO. 1 SET A STD REF. MON. STAMPED "CLAREMONT H-1C R.M. NO 1 1961 L.A.CO. ENGR. R.E. 5869," 6 INCHES BELOW CURB GRADE

R.M. NO. 2 SET A STD REF. MON. STAMPED CLAREMONT H-1C R.M. NO 2 1961 L.A.CO. ENGR. R.E 5869," 7 INCHES BELOW CURB GRADE

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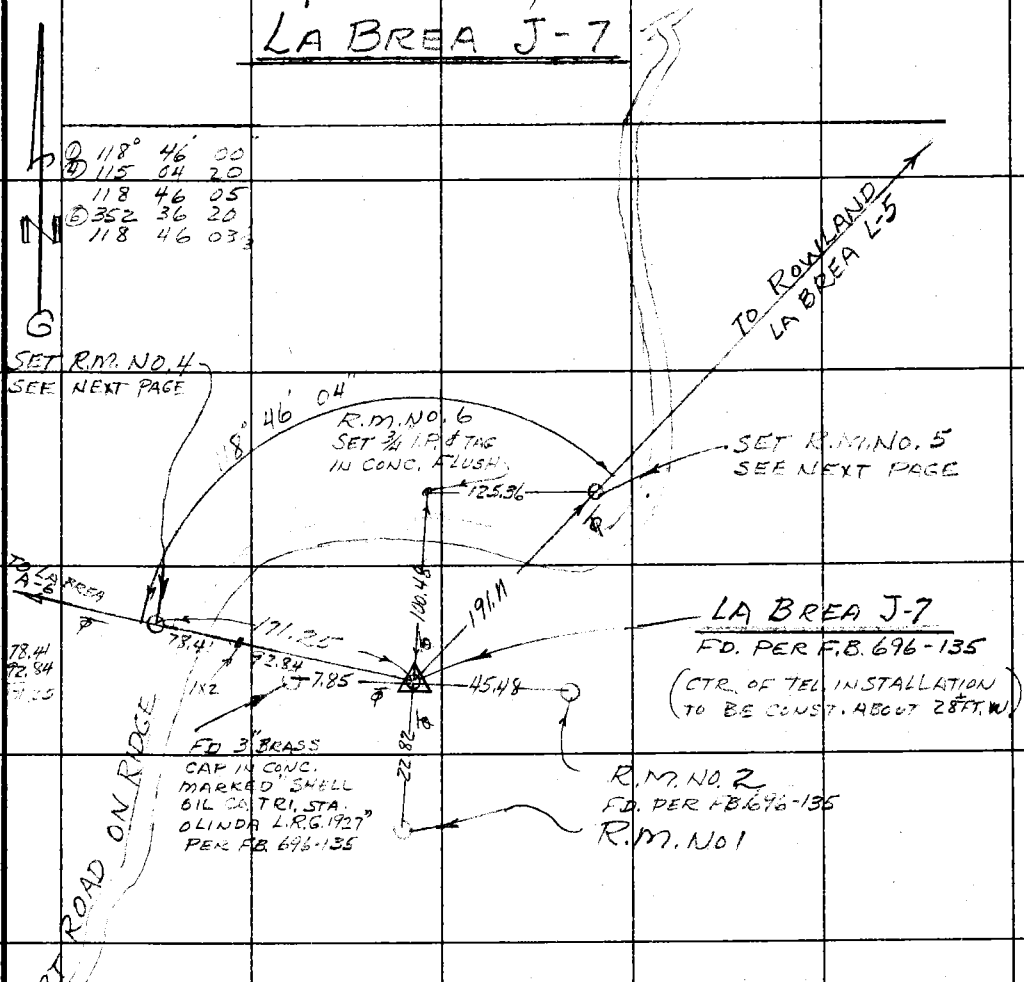
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301,00 Tape 67 Std. 84 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 8-4-61
Date	Indexed H. E. OTT ~~DEC 8 '61~~

F. B. 2456 PG. 17

L.A.C.O. SURVEY CONTROL SYSTEM TRIANGULATION STATION

LA BREA J-7



81.34 @ 92° @ 15° 26' = 78.41
81.27 " 15° 15' = 78.41

192.26 @ 90° = 192.27 @ 6° 17' = 191.11
192.08 " = 192.09 " 5° 47' = 191.11
192.34 " = 192.35 6° 31' = 191.11

101.95 @ 87° @ 9° 45' = 100.48
101.75 " 9° 08' 100.46
101.82 " 9° 16' 100.47
101.86 " 9° 26' 100.48

125.36 @ 86° LEVEL = 125.36

Changed Old Card
10-20-61

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76F309S CE #247 3-57

F.B. 2456 Pg. 18

LA BREA J-7

THIS STATION IS IN ORANGE COUNTY ABOUT 0.8 MI E. & 1.5 MI. N. OF OLINDA AND ABOUT 750± FT S. OF CO. BDRY MARKER TO REACH STATION FROM CENTRAL AVE & LA BREA CN RD. TAKE LA BREA CN RD 1.1 MI. N.E.LY, TURN RIGHT AND FOLLOW ROAD THRU OIL FIELD AND BOY SCOUT AREA AND UP MAIN CANYON AND S.E.LY ABOUT 6.7 MILES TO SADDLE 0.2 MI. S.W. OF STA. ROWLAND (F.B. 696-131,132) FROM SADDLE TAKE DIRT ROAD S.W.LY 0.8 MI. TO GATE, 1.0 MI TO GATE, 1.4 MI. TO SADDLE, TURN LEFT, 1.5 MI. TO GATE AND 1.7 MI. TO STATION (TOTAL DIST 1.7 MI FROM SADDLE S.W. OF ROWLAND TO STATION) A TELEPHONE RELAY TOWER IS PROPOSED CONST. AT STATION LOCATION.

STATION MARK FD. STD TRI. STA. MON. STAMPED "LA BREA J-7 RE. 2177 L.A. CO. SURVEYOR 1937" PER F.B. 696-135,136

R.M. NO. 1 & 2 FD. STD REF MON. PER F.B. 696-135

R.M. NO. 4 SET STD REF MON. STAMPED "LA BREA J-7 R.M. NO. 4 1961 L.A. CO. ENGR. R.E. 5869" UP 4" ON RECORD ANGLE TOWARD LA BREA A-6 FROM ROWLAND (LA BREA L-5)

R.M. NO 5 SET STD. REF MON STAMPED "LA BREA J-7 R.M. NO 5 1961 L.A. CO. ENGR. R.E. 5869" UP 2" ON LINE TO STA. ROWLAND

R.M. NO. 6 SET 3/4" I.P. & C.E. TAG IN CONC. TAN TO R.M. NO. 1

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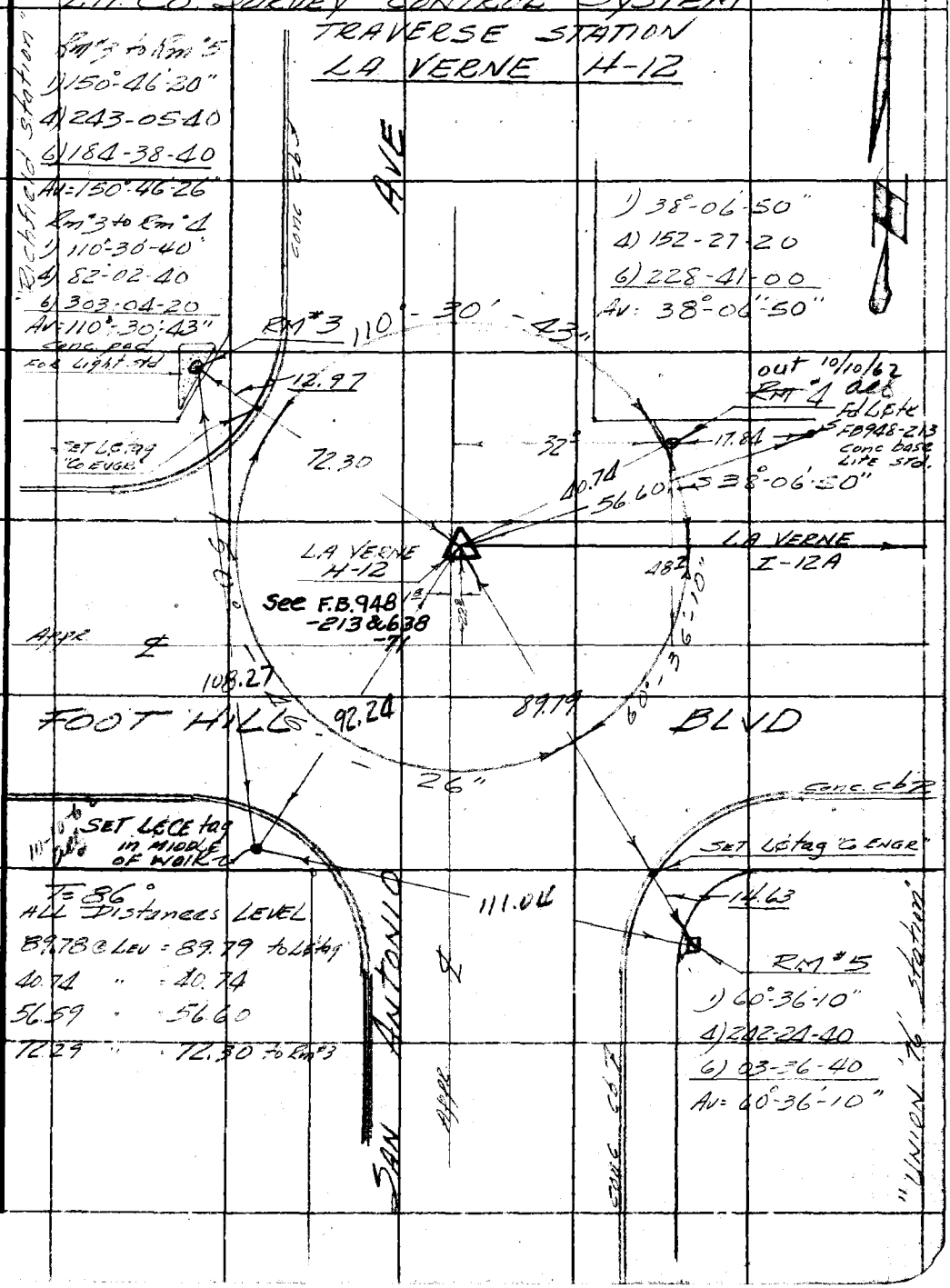
Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2456 PG. 19
Map No.	JN 0301.00 Tape 0162 Std 68° °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 10/13/61	
Date	Indexed H. E. OTT OCT 1 9 '61	

L.A. CO. SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA VERNE H-12



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76F309S S&E #247 11-58

F. B. 2456 PG. 20

Descriptions

LA VERNE H-12

This station is in Los Angeles County, near the City of Claremont, in the intersection of Foothill Blvd (U.S. 66) and San Antonio Blvd., 22.8 ft. N. of the ℄ of Foothill Blvd., and 1.8 ft. E. of the ℄ of San Antonio Ave., in a well cut thru the pavement and protected by a std. cast iron C.S. cover.

STATION MARK: Fd a std. 4" brass Traverse cap in conc. dn. 9" and stamped "La Verne H-12, Reset 1957, RE 5869", under cast iron cover.

REFERENCE MARK NO. 3 : Set a std. 4" brass L.A. Co. R.M. cap, flush, in a triangular conc. base for lite std., NW cor. stamped "LA VERNE H-12 RM 3 1961 LA Co. Engr. RE 5869"

out 10-10-62 [illegible]

REFERENCE MARK NO. 4 : Set a 2" iron pipe, conc. plug, nail and tag "LA Co. Engr." in the NE Cor. dn. 12"

REFERENCE MARK NO. 5 : Set a std. 4" brass L.A. Co. R.M. cap on a 2" iron pipe, stamped "LA VERNE H-12 RM 5 1961 L.A. Co. Engr. RE 5869" dn. 9" and protected by a cast iron cover.

References
F.B. 638-71, 72
948-213, 214

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Map No.	JN 0301.00 Tape 0162 Std 68 °F	
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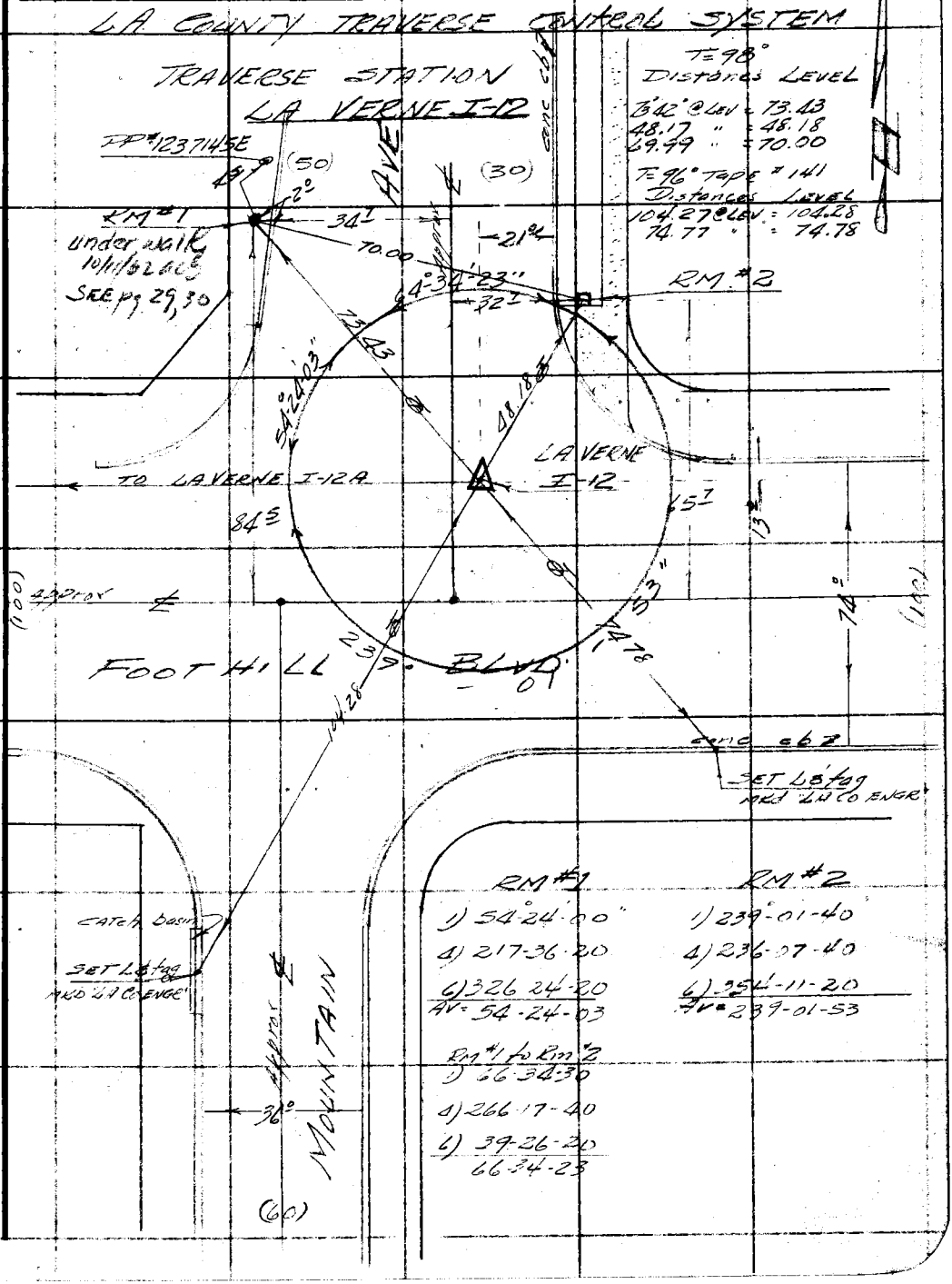
Checked	Notes ACG Date 10/13/61	
Date	Indexed H. E. OTT OCT 1 9 '61	

LA COUNTY TRAVERSE CONTROL SYSTEM

TRAVERSE STATION LA VERNE I-12



RM #1	RM #2
1) 54°-24'-00"	1) 239°-01-40
4) 217-36-20	4) 236-07-40
6) 326-24-20	6) 354-11-20
AV = 54-24-03	AV = 239-01-53

RM #1 to RM #2
1) 66-34-30
4) 266-17-40
6) 39-26-20
66-34-23

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76F309S S&E #247 11-58

F. B. 2456 PG 22

Descriptions

LA VERNE I-12

This station is in the County of Los Angeles near W. bdry. line of City of Claremont, 18.0 ft. E. of the west curb line of Mountain Ave., to the south and 13.3 ft. S. of the north curb line of Foothill Blvd.

STATION MARK Fd. a 4" brass Tablet in conc. in a well cut through the pavement and covered with a cast iron lid marked "County Surveyor monument, Tablet marked "L.A. County Survey Control System Traverse Station" and stamped "LA VERNE I-12, 1938 " and set by County Surveyor. 21° W OF THE E. cb & 13° S. OF THE N. CURB

REFERENCE MARK NO 1 : Set a std. 4" brass L.A. Co. RM cap on a 2" iron pipe, stamped "LA VERNE I-12 RM 1 1961 L.A. Co. Engr. RE 5869" in concrete in the NW cor. and dn. about 12"

REFERENCE MARK NO 2 : Set same as RM 1, except stamped "RM 2" , in the NE cor. dn. 9" and under cast iron cover.

References
F.B. 638-93, 94

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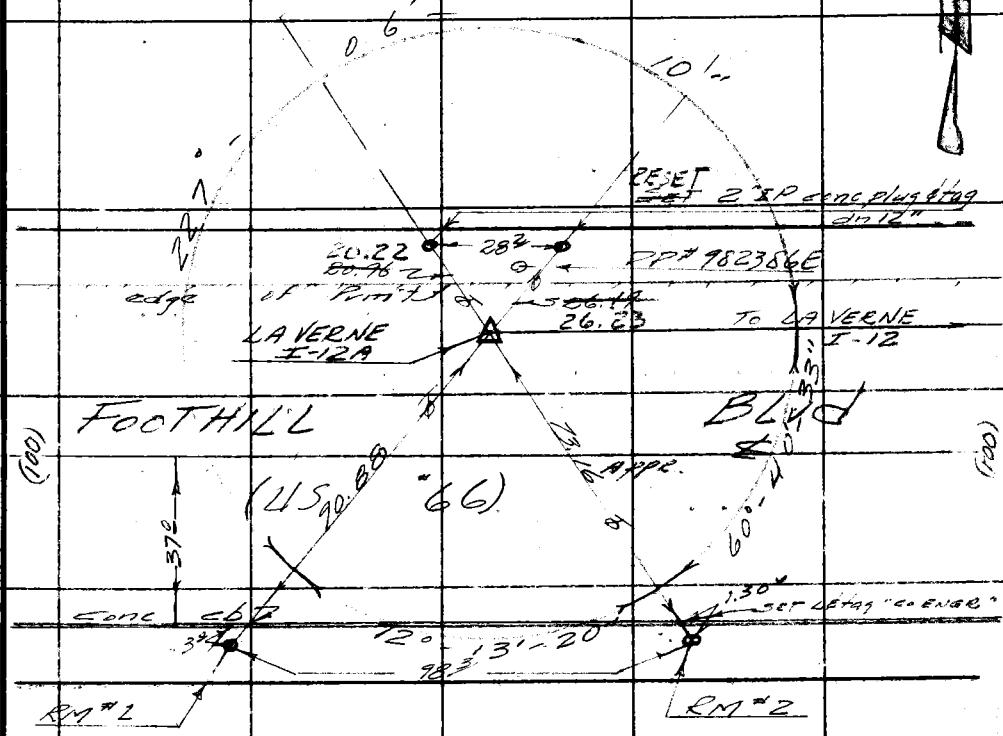
Map No.	JN 0301.00 Tape 0162 Std 68 °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 10-13-61	
Date	Indexed H. E. OTT OCT 1 9 '61	

L.A. Co SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA VERNE I-12A



Rm#2	Rm#2 to Rm#1	Rm#1
1) 60°-40'-40"	1) 72°-13'-20"	1) 227-05-50
4) 242-42-00	4) 288-53-20	4) 188-24-40
6) 04-03-20	6) 73-20-00	6) 282-37-00
Av = 60°-40'-33"	Av = 72°-13'-20"	Av = 227-06-10

T = 90°

ALL distances Level

73.15 @ LEV = 73.16 to Rm#2
90.87 " = 90.88 to Rm#1
20.96 " = 20.96
26.19 " = 26.19

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76F309S S&E #247 11-58

F. B. 2456 Pg. 24

Descriptions

LA VERNE I-12 A

This station is in Los Angeles County, 1200 ft. ? plus or minus, W. of the west city bdry of the City of Claremont, 63.6 ft. N. of the south curb of Foothill Blvd. and 1200 ? ft. plus or minus, E. of the ℄ int. of Foothill Blvd and San Antonio Ave.

STATION MARK : Fd. a 4" brass tablet in conc. in a well cut thru. pavement covered with a cast iron lid marked COUNTY SURVEYOR MONUMENT.
Tablet marked "L.A. County Survey Control System Traverse Station" and stamped "LA VERNE I-12 A RE 2177" and set by County Surveyor

REFERENCE MARK NO. 1 Set a std. 4" brass L.A. Co. RM cap on a 2" iron pipe, stamped "LA VERNE I-12 A RM 1 1961 L.A. Co. Engr. RE5869" S. of the south curb line of Foothill Blvd, dn. 9" in concrete.

REFERENCE MARK NO. 2 Set same as R.M. No. 1 , except stamped "R.M. 2" and dn. 9".

References
F.B. 638-69, 70

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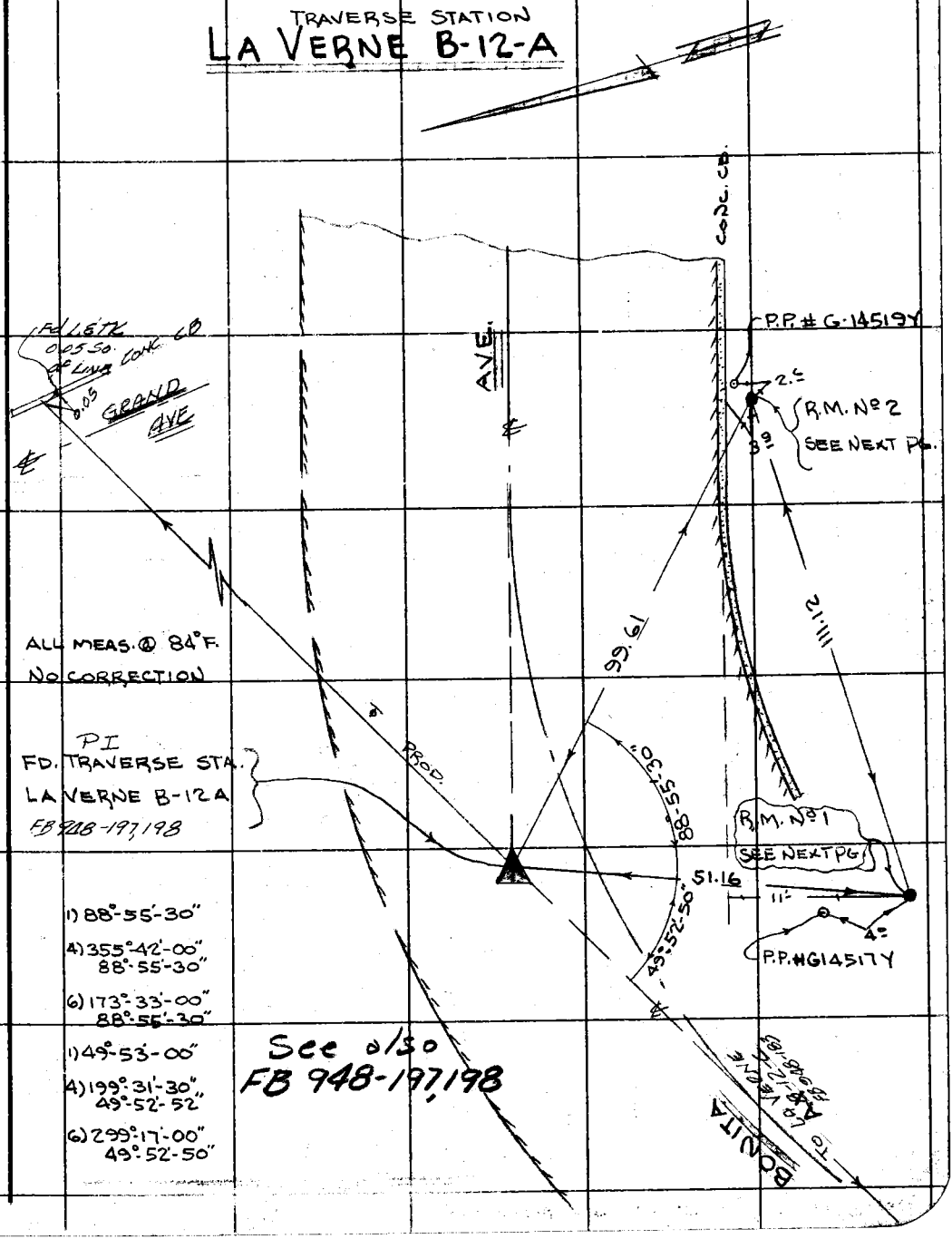
Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 0301.00 Tape 144 Std. 84° °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes K. MYERS Date 2-2-62
Date	Indexed H. E. OTT FEB 6 '62

F. B. 2456 PG. 25

L. A. Co. Survey Control System

TRAVERSE STATION

LA VERNE B-12-A



1) 88°-55'-30"

4) 355°-42'-00"
88°-55'-30"

6) 173°-33'-00"
88°-55'-30"

1) 49°-53'-00"

4) 199°-31'-30"
49°-52'-52"

6) 299°-17'-00"
49°-52'-50"

See also
FB 948-197,198

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900 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-59

F. B 2456 PG. 26

DESCRIPTIONS
TRAVERSE STATION
LA VERNE B-12-A

THIS STATION IS IN THE COUNTY OF L.A. IN THE AREA OF LA VERNE, ON THE E. OF BONITA AVE AT THE P.I., APPROX 121' E. OF RAMONA AVE IN A H.H. DOWN 10" UNDER STANDARD CO. ENGR CAST IRON COVER.

STATION MARK: FD A STANDARD 4 INCH BRASS CAP TRAVERSE STATION MONUMENT DOWN 10 INCHES IN H.H. MK'D "LA VERNE B-12-A 1958, LA CO. ENGR RE 5869"

REFERENCE MARK NO 1: FD A STANDARD 4 INCH BRASS CAP REFERENCE MONUMENT DOWN 18 INCHES IN CONCRETE MARKED "LA VERNE B-12-A [illegible] 1958 [illegible] RE 5869"

REFERENCE MARK NO 2: SAME AS R M NO 1 EXCEPT MK'D "R.M NO 2"

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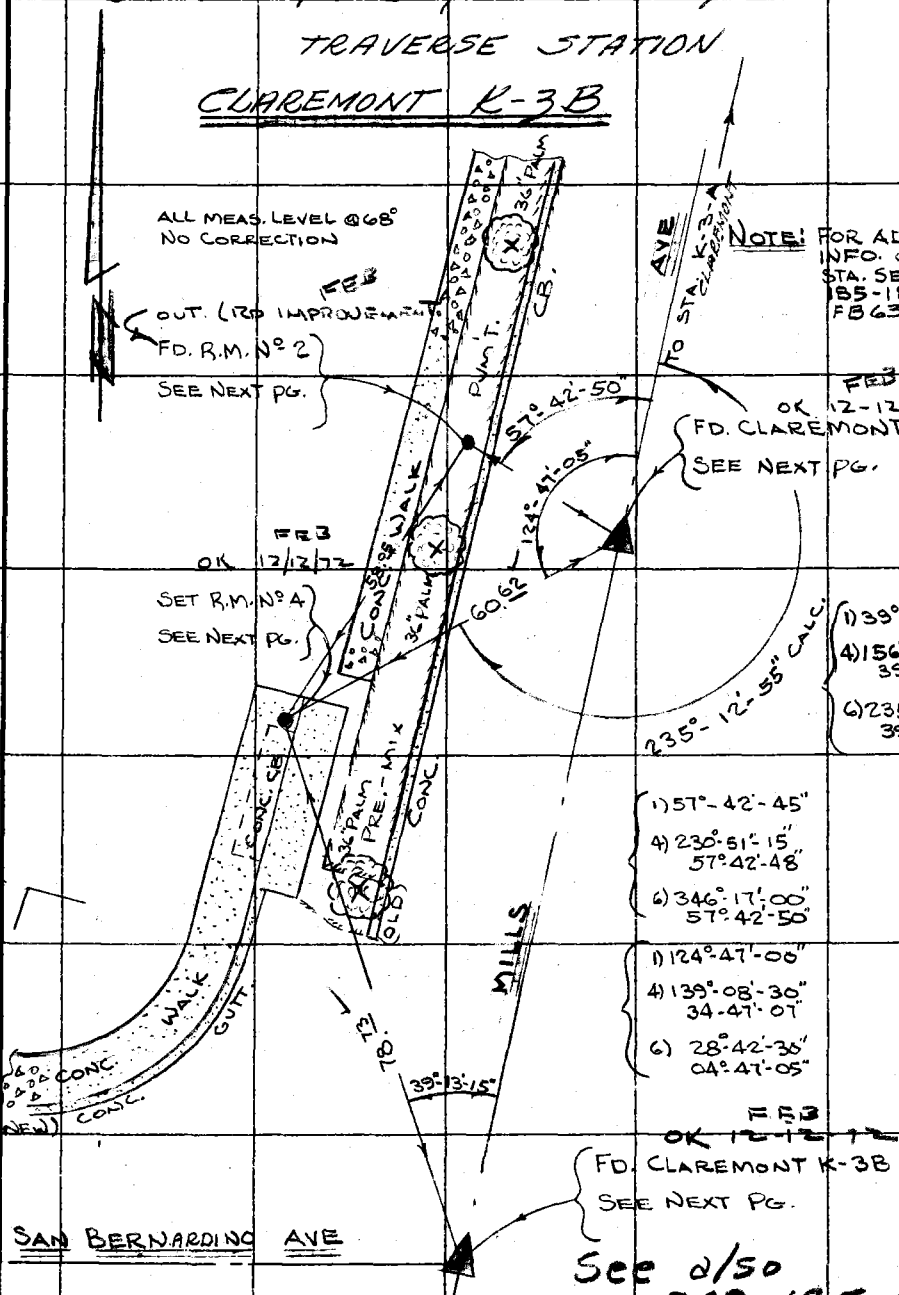
Map No.	JN 0301.00 Tape 0120 Std. 68 °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes K. MYERS Date 2-2-62	
Date	Indexed H. E. OTT FEB 6 '62	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

CLAREMONT K-3B



See also
FB 948-185, 186
2/6/62

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

763095 CE #247—7-53

F.B. 2456 PG. 28

DESCRIPTIONS

CLAREMONT K-3B

F.B
12-12-72
OK

THIS STATION IS IN THE SOUTH CLAREMONT AREA NEAR THE SAN BERNARDINO & LOS ANGELES County BOUNDARY LINE ON THE APPROXIMATE ℄ INTERSECTION OF SAN BERNARDINO AVE & MILLS AVE

OK

STATION MARK FD A STANDARD 4" BRASS TRAVERSE STA IN CONC. DN 10" IN A HH & MK'D "CLAREMONT K-3B 1958, CO. ENGR RE5869"

OUT
ST IMPROVE-
-MENT

REFERENCE MARK NO. 2 & 3 SEE FB 918-185, 186

OK

REFERENCE NO 4: SET A STANDARD 4" BRASS REFERENCE MARK IN CONCRETE IN THE NE CORNER OF A STORM DRAIN CATCH BASIN STAMPED "CLAREMONT K-3B RM NO 4 1962 LA CO ENGR RE 5869"

REF:

FB 638 pg 55, 56
" 918 " 185, 186

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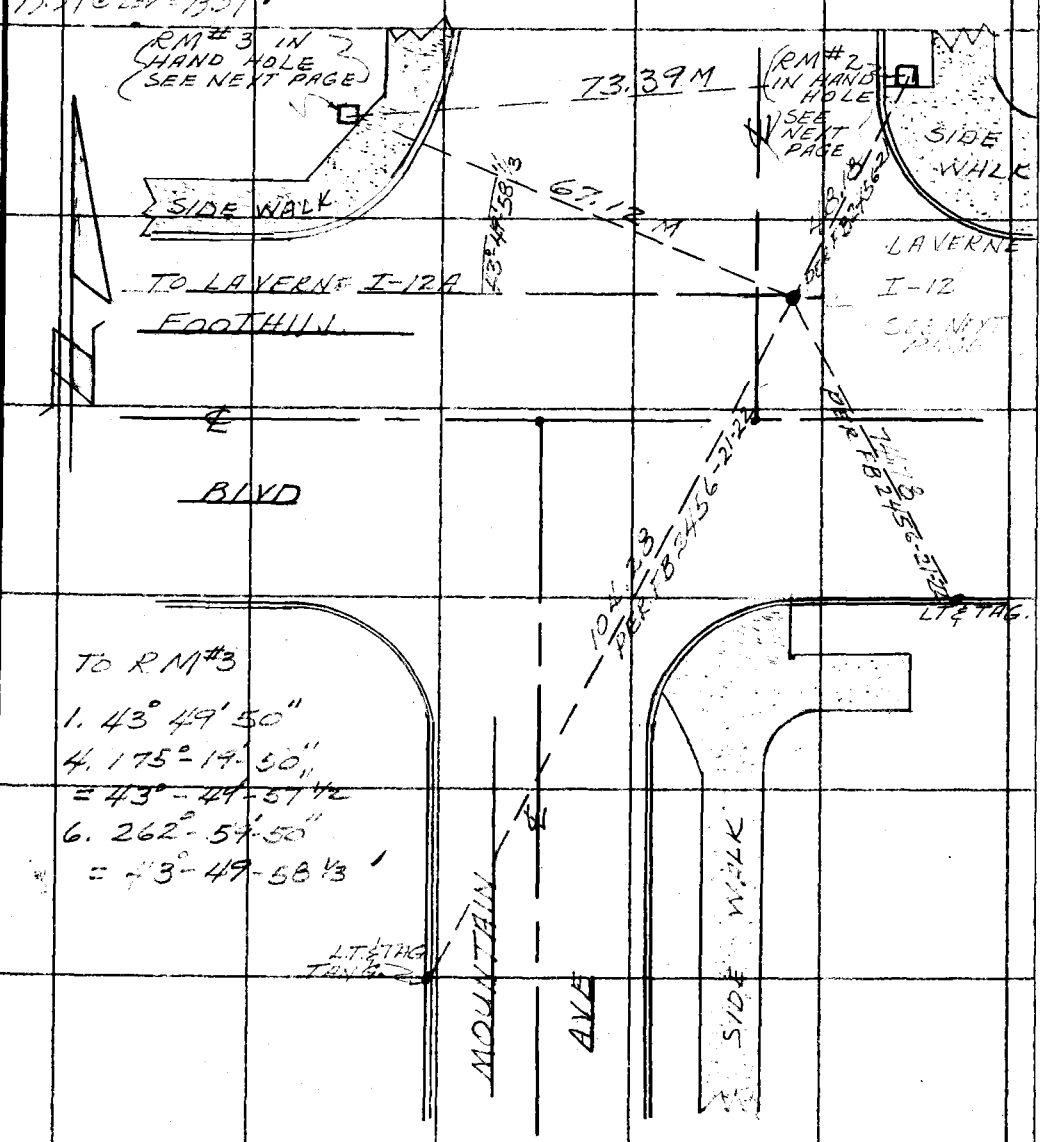
Notes Ck'd by	Survey of Geodetic Control	F. B. 2456 Pg. 29
Map No.	JN 0301.00 Tape 0193 Std 68 °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked JCM	Notes [illegible] Date 10-11-62	
Date 10-30-62	Indexed E. J. GALLI OCT 23 '62	

L. A. Co. Survey Control System

TRAVERSE STATION (LA VERNE I-12)



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F. B. 2456 PG. 30

STATION DESCRIPTION
TRAVERSE STA.
(LA VERNE I-12A)

THIS STATION IS IN LA. COUNTY, IN THE ROMONA VALLEY AREA NEAR WEST BOUNDRY OF THE CITY OF CLAREMONT IN THE INTERSECTION OF FOOTHILL BLVD., AND MOUNTAIN AVE. SEE FOR DESC. SEE F.B. 2456 PG. 21 & 22

STATION MARK FOUND A STANDARD 4 INCH BRASS TABLET INSCRIBED: LA. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION, LA VERNE I-12 R.E. 2177 IN 1938. IN HAND HOLE.

REFERENCE MARK No. 2 [illegible] BRASS CAP. SEE F.B. 2456 PG. 21 & 22 FOR DESC.

REFERENCE MARK No. 3 SET STANDARD 2" BRASS CAP TABLET IN CONC. STAMPED R.M. 3, 9 INCHES BELOW GROUND SURFACE, IN HAND HOLE 67 FEET NW FROM THE STATION.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JNO30100 Tape Std °F
Office Work Final	Surveyed by R. C. WILSON
Checked	Notes C. PYLE Date 4/17/72
Date	Indexed C. J. GALLI MAY 24 '72

F. B. 2456 PG. 31

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
CLAREMONT B2

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
CLAREMONT B2
1972
RE SET BY 7078
FOR INFORMATION SEE COUNTY ENGINEER

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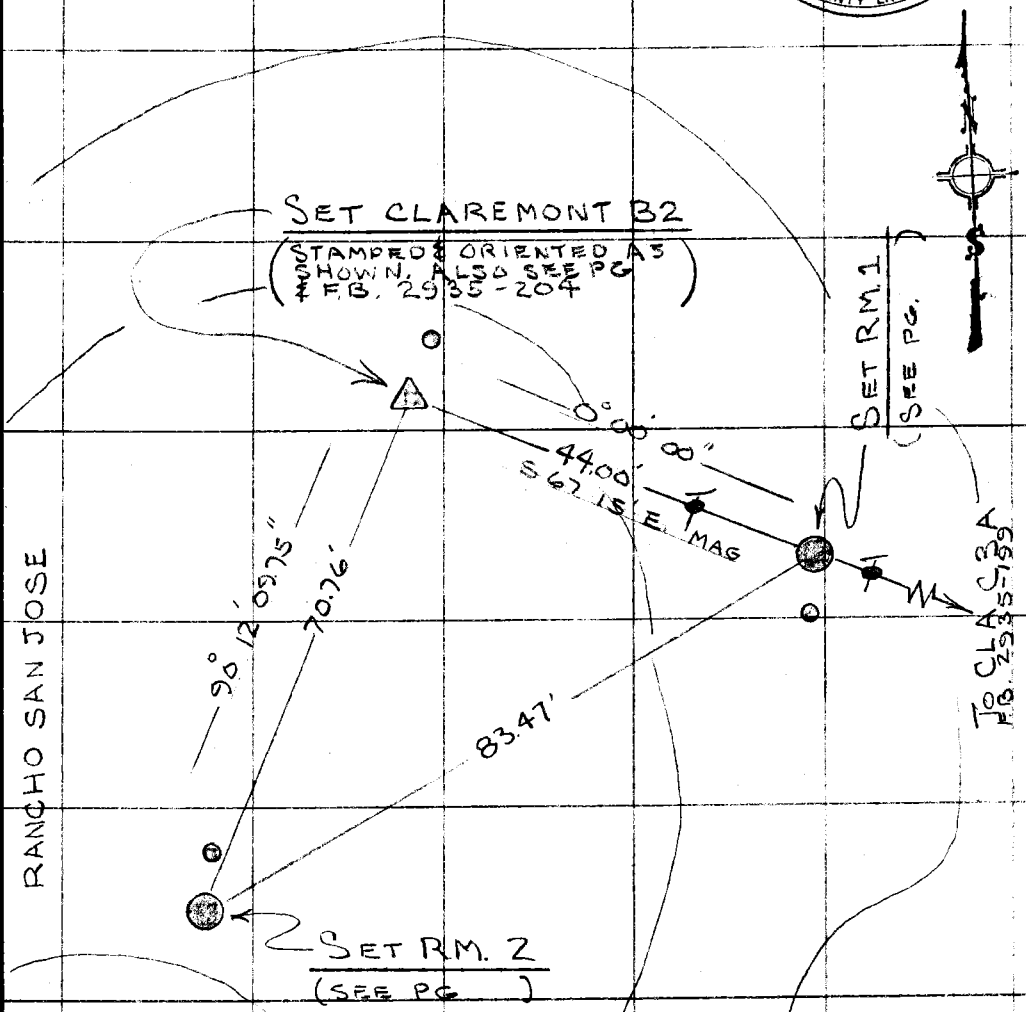
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.



○ — 2" MARKER PIPE SET 5' OFF.
MEASUREMENTS - NEXT PAGE
DIRECTIONS - FBG 1370-1

76F309S CE#310 3-69

GEODETIC CONTROL

F. B 2456 Pg. 32

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
CLAREMONT B2

50 MTR. # M3 | MEASUREMENTS T=68° | 300' TAPE # 139

13.412 M = 13.412 M @ LEV. = 44.00'	44.01' @ LEV = 44.01'
21.572 M = 21.569 M @ LEV. = 70.765'	70.77' @ LEV = 70.76'
25.445 M = 25.442 M @ LEV. = 83.47'	83.48' @ LEV = 83.47'

AREA THIS TRI. STA. IS IN L.A. CO. IN THE VICINITY OF "PUDDINGSTONE RESERVOIR" ADJACENT TO THE "POMONA COUNTRY CLUB". IT IS WITHIN THE "RANCHO SAN JOSE" AMONG THE "SAN JOSE HILLS". SITE USGS 7½' SHEET "SAN DIMAS" QUAD 1954.

ROUTE FROM ITS INTER. WITH THE SAN BERNARDINO FWY. TRAVEL N.ELY. ON GANESHA BLVD 1.1 MILES TO MCKINLEY AVE. TURN LEFT (N.WLY.) AND CONTINUE 0.40 MILE TO A RD ON THE LEFT (S.) LEADING TO "MOUNTAIN MEADOWS GOLF COURSE". FOLLOW THIS 0.35 MILE TO THE CLUBHOUSE. BEAR RIGHT (W), SKIRTING THE EDGE OF THE GOLF COURSE 0.30 MILE TO A CABLE GATE. (N LOCK) PASS THROUGH AND PROCEED 0.10 MILE TO A T.T. ON THE RIGHT, FOLLOW THIS N.ELY. ACROSS A SLIGHT DEPRESSION AND ASCENDING INTO A SADDLE. 0.15 MILE. TURN LEFT. (N.WLY.) AND ASCEND 300'± TO THE STATION SITE.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN0301.09 Tape Std °F
Office Work	Surveyed by R.C. WILSON
Checked	Notes L. KYLE Date 4/17/72
Date	Indexed C. J. GALLI MAY 24 '72

F. B. 2456 PG. 33

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

CLAREMONT B2

STATION MARK

A 4" L.A. CO. SUR. CONT. SY. BRASS TRI. STA. DISC, STAMPED "CLAREMONT B2 1972 R.E. 7078", SET IN AN 8" CONC. POST WHICH IS 4" ABOVE GRD. SET AS AN EXACT REPLACEMENT FOR "PRA C", A 3/4" CAPPED PIPE, (FB 2935-204) BY MEANS OF A PLUMB BENCH.

SUB SURFACE MARK

NONE SET AT THIS TIME

REFERENCE MARKS

RM 1: A 4" L.A. CO SUR. CONT. SY. BRASS REFERENCE MARK DISC. STAMPED "CLAREMONT B2 RM 1 1972 RE 7078". SET TAN. TO "CLAREMONT CBA" IN AN 8" CONC. POST WHICH IS 6" ABOVE GRD.

RM 2 IDENT. TO "RM 1" EXCEPT STAMPED "RM 2". NOT TAN. TO ANY OTHER STA. IT IS 4" ABOVE GRD.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

GEODETIC CONTROL

F. B. 2456 PG. 34

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

CLAREMONT B2

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C

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape AP 3900 Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes 40 Guizado Date 20 Jul 72
Date	Indexed C. J. GALLI AUG 8 '72

F. B. 2456 PG. 35

JN 0202.00

CADASTRAL TIES

DIAMOND BAR AREA

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FE Brooks
40 Guizado
RA Moore
T Miyahira
LO Fisher

76F3095 C.E. #310 6-62

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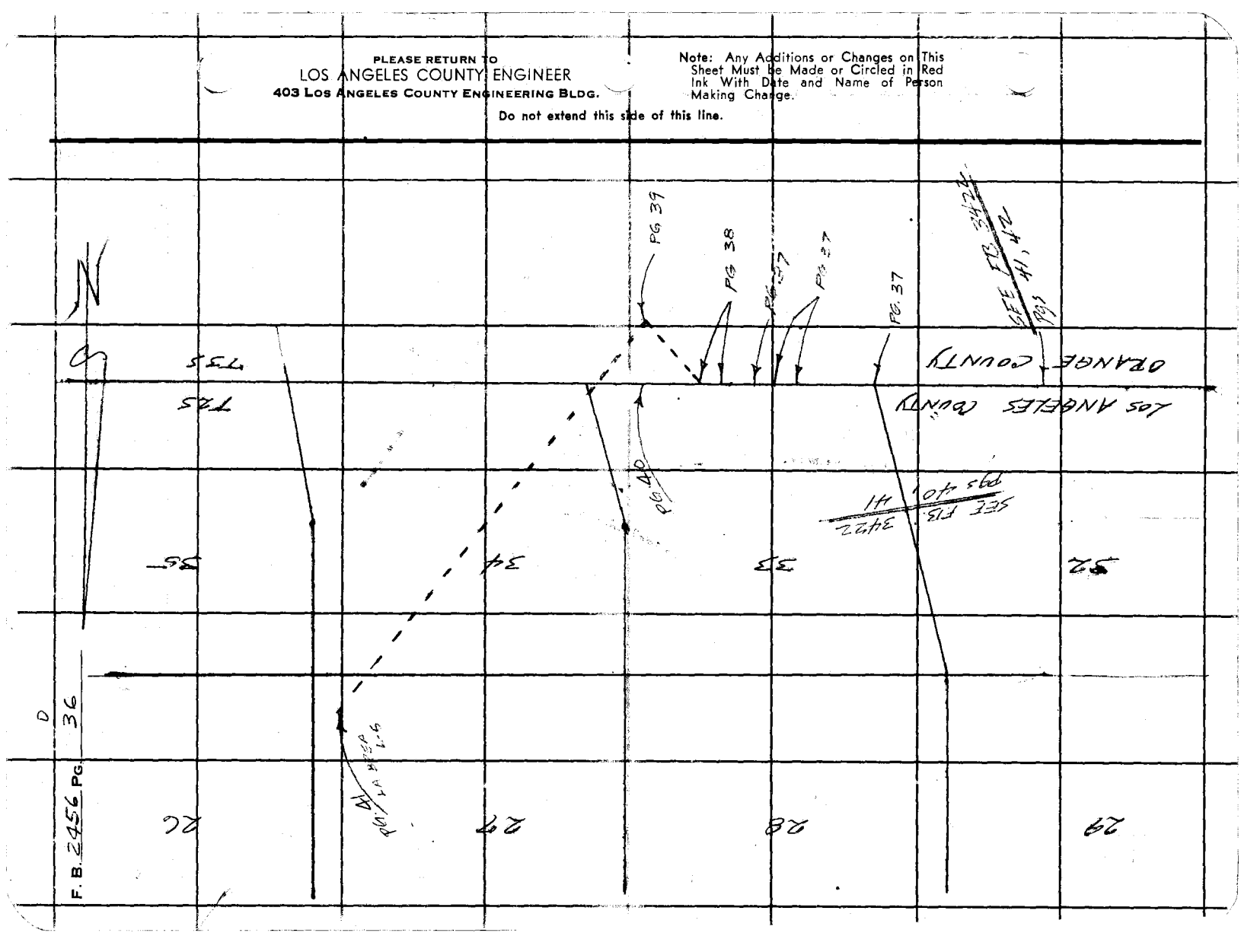

A

Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape 0234 Std 68 °F
Office Work FAND	Surveyed by G.O. GUIZNDO
Checked	Notes G.O.G. Date 7-12-72
Date	Indexed C. J. GALLI AUG 8 '72

F. B. 2456 PG. 37

CONT Lt. PG. 38

T=74° Bar=28.20 EV=23.0
HI. Inst at 1X2 = 4.85
" " H.P. " " = 4.91
Vert. ∡ = -13° 53' 00"
machine dist = 115.29
Corr dist = 111.922
Target HI @ 1/4 Cor = 5.25

COUNTY

M = 111.92

POT Set 1X2 & N

M = 13.49

CO.

0234
13.49 T=70° = 13.49
19.63 T=70 = 19.63

POT Fd Ct Spk flush no ref.

SEC 33 T2S R9W

M = 19.63

POT Fd 2" I.P. 2" up. set Conc plug & Co Engr Tag in pipe.

SEC 4 T3S R9W

T=72 Bar=28.20 EV=22.5
HI Inst at Ct. Spk = 5.06
" " H.P. " " " = 5.12
Vert. ∡ = -10° 15' 10"
machine dist = 2581.54
Corr dist = 2540.312
Target HI @ sec Cor. = 4.90

M = 2540.31

ORANGE

L.A. Co. T2S R9W
32 | 33
5 | 4
T3S R9W O. Co.

Sec. LINES

1) 179-33-40
4) 358-15-00
179-33-45
6) 357-22-30
179-33-45

L.A.

Fd Br. Cap. Gen 2" I.P. 11" up. Ref. FB. 60-113 FB. 3422-41

33' 45"

M = 179°

SEE FB 3422
Pgs 40-41-42

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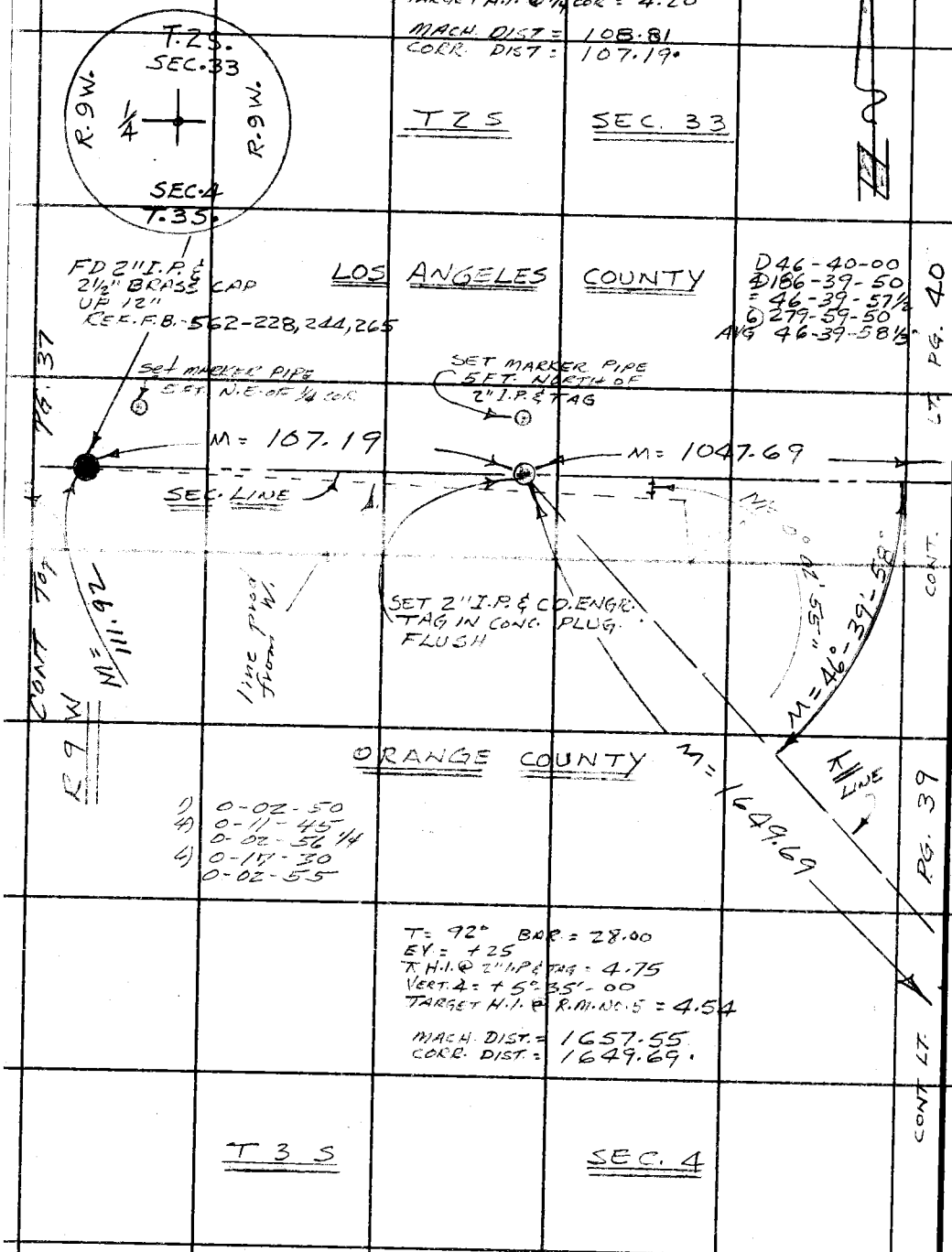
76F309S CE #310 6-62

B

F. B. 2456 PG. 38

T= 92° BAR = 28.00
EV. = +25
⊼ H.I. @ 2" I.P. & TAG = 4.75
VERT. ∡ = -9°-54'-00"
TARGET H.I. @ 1/4 COR = 4.20

MACH. DIST = 108.81
CORR. DIST = 107.19



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Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 020200 Tape 0234 Std 68 °F
Office Work	Surveyed by G.O. GUIZADO
Checked	Notes G.O.G Date 7-12-72
Date	Indexed C. J. GALLI AUG 8 '72

F. B. 2456 PG. 39

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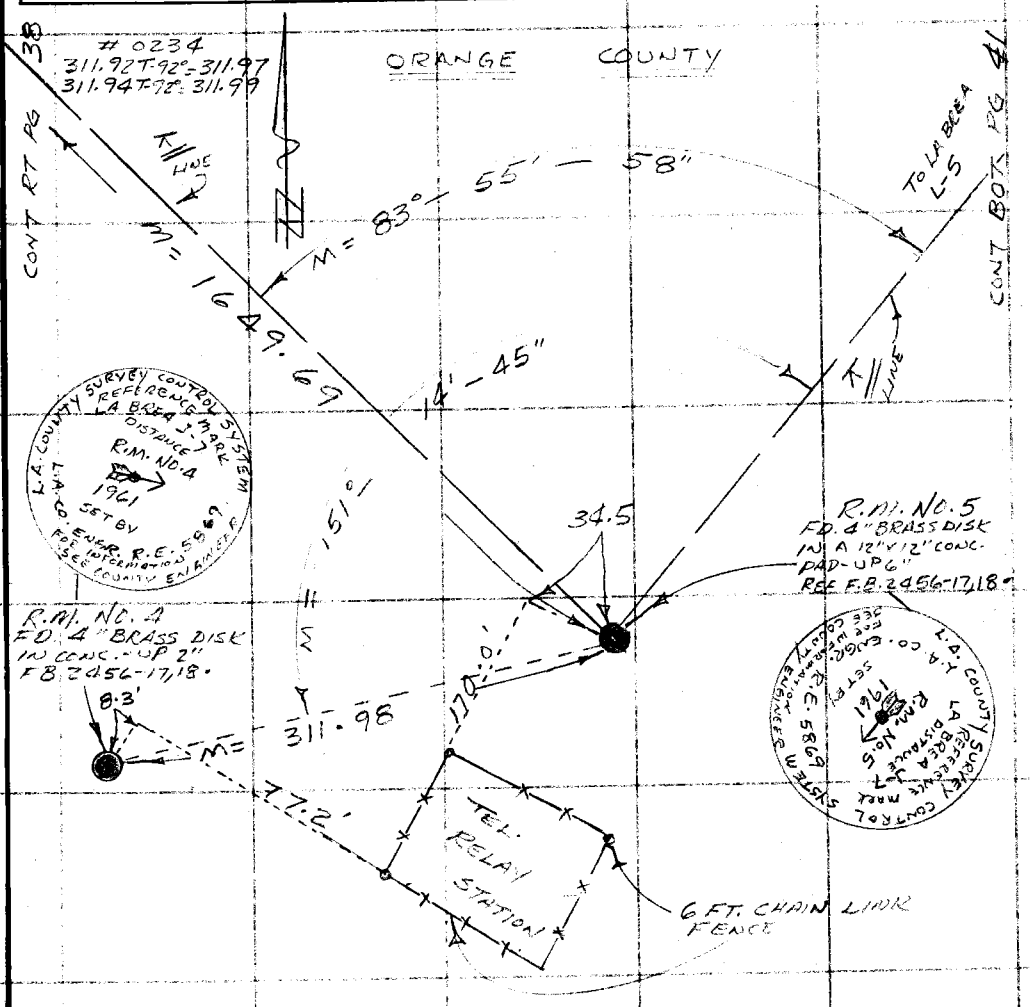
76F309S CE#310 3-68



D 151-14-40
2 302-29-30
3 151-14-45.

1) 83-55-55
4) 335-44-00
3 83-56-00
6) 142-35-50
AVG 83-55-52 1/3.

F. B. 2456 PG 40

D

T 2 S

SEC 33

R 9 W

LOS ANGELES COUNTY

B

RT PG 38

CONT.

FD. L.A. & O. COUNTY
IRON POST - 6" DIA.
@ TOP WITH P.M. &
CHIS. "+" IN CENTER
7" DIA. @ GRD. -
UP. 24"
REF. 562 - 220, 244,
265.

M = 1047.69

SEC. LINE

ORANGE COUNTY

T = 92° BAR. = 28.00
EV = +25
H.I. @ 2" I.P. & TAG = 4.75
VERT. ∠ = +5° - 56'-50"
TARGET H.I. @ IRON POST @ GRD. = 5.93'

MACH. DIST. = 1053.36
CORR. DIST. = 1047.69.

T 3 S

SEC 4

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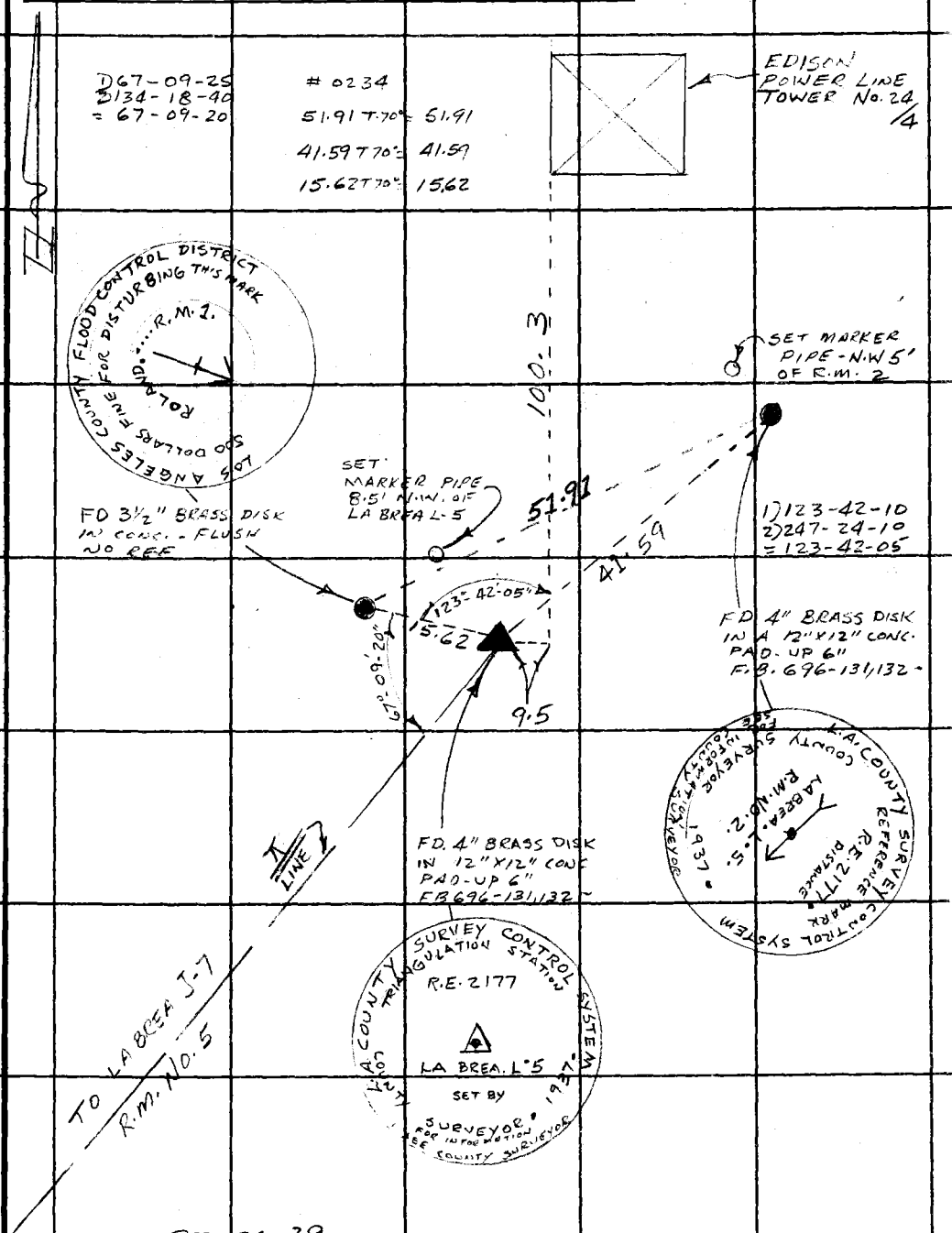
Notes Ck'd by	Survey of CADASTRAL TIES	F. B. 2456 PG. 41
Map No.	JN 0202.00 Tape 0234 Std 68 °F	
Office Work	Surveyed by G.O. GUIZADO	
Checked	Notes G.O.G Date 7-12-72	
Date	Indexed C. J. GALLI AUG 8 '72	



CONT RT PG. 39

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76F3095 CF #310 6-62

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F. B. 2456 PG 42

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

Survey of CADASTRAL TIE
JN 0202.00 Tape 0234 Std 68 °F
Surveyed by FE Brooks
Notes FEB. Date 12 July 72
Indexed C. J. GALLI AUG 8 '72

F. B. 2456 PG. 43

SN 0202.00

CADASTRAL TIE

LA VERNE L-11

To

S.W. Cor. TR. 27121

also New Ties on

LA VERNE L-11

FE Brooks
GO Guizado
L. Fisher

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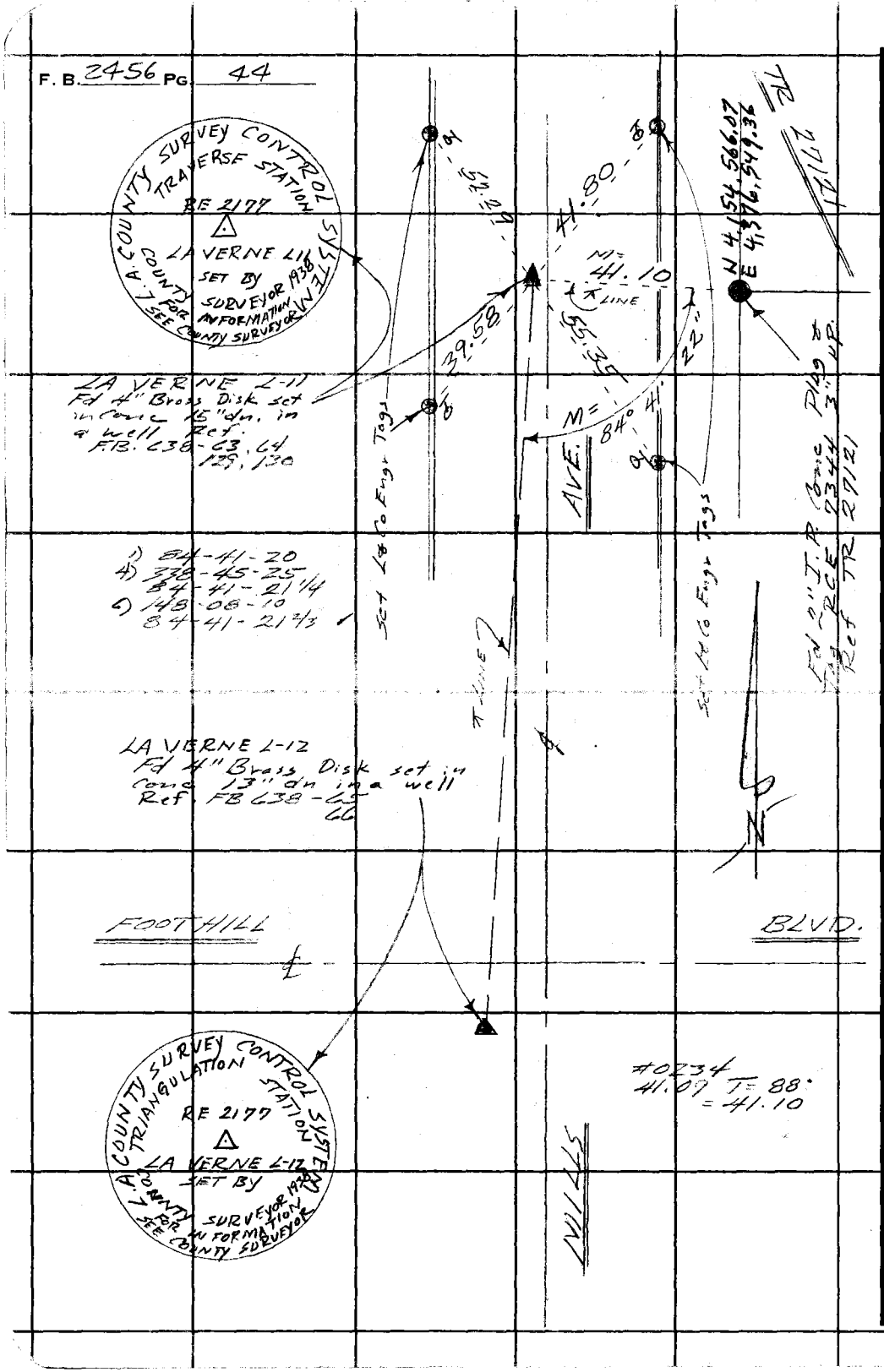
76F309S C.E. #310 6-62

F. B. 2456 PG. 44



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

Survey of CADASTRAL TIES
JN 0202.00 Tape HP 3800 Std °F
Surveyed by FE Brooks
Notes FEB Date 26 July 72
Indexed C. J. GALLI AUG 8 '72

F. B 2456 PG. 45

SN 0202.00

CADASTRAL TIE.

LA VERNE G10A

To

℄ Inter of BASELINE RD.

and WILLIAMS AVE.

FE Brooks
GO Quizado
T Miyahira
LO Fisher

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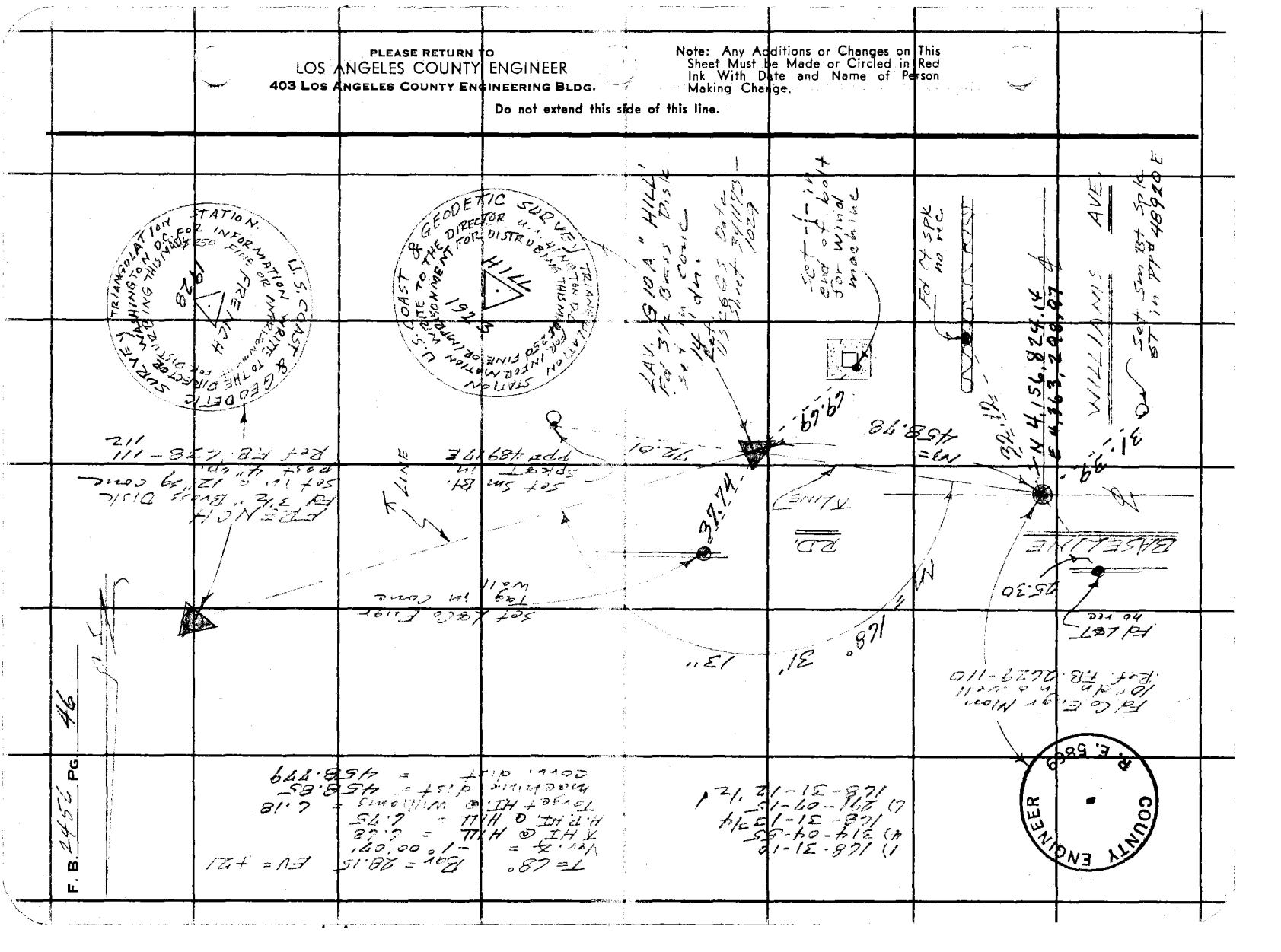

Notes Ck'd by	Survey of CADASTRAL TIE	F. B 2456 PG. 41
Map No.	JN 0202.00 Tape 0234 Std 68 °F	
Office Work Pass	Surveyed by FE Brooks	
Checked	Notes FEB Date 25 July 72	
Date	Indexed C. J. GALLI AUG 8 '72	

SN 0202.00

CADASTRAL TIE

LA VERNE I-12

To

℄ Inter FOOTHILL BLVD

and

MOUNTAIN AVE

FE Brooks
G O Guizado
T Miyahira
L O Fisher

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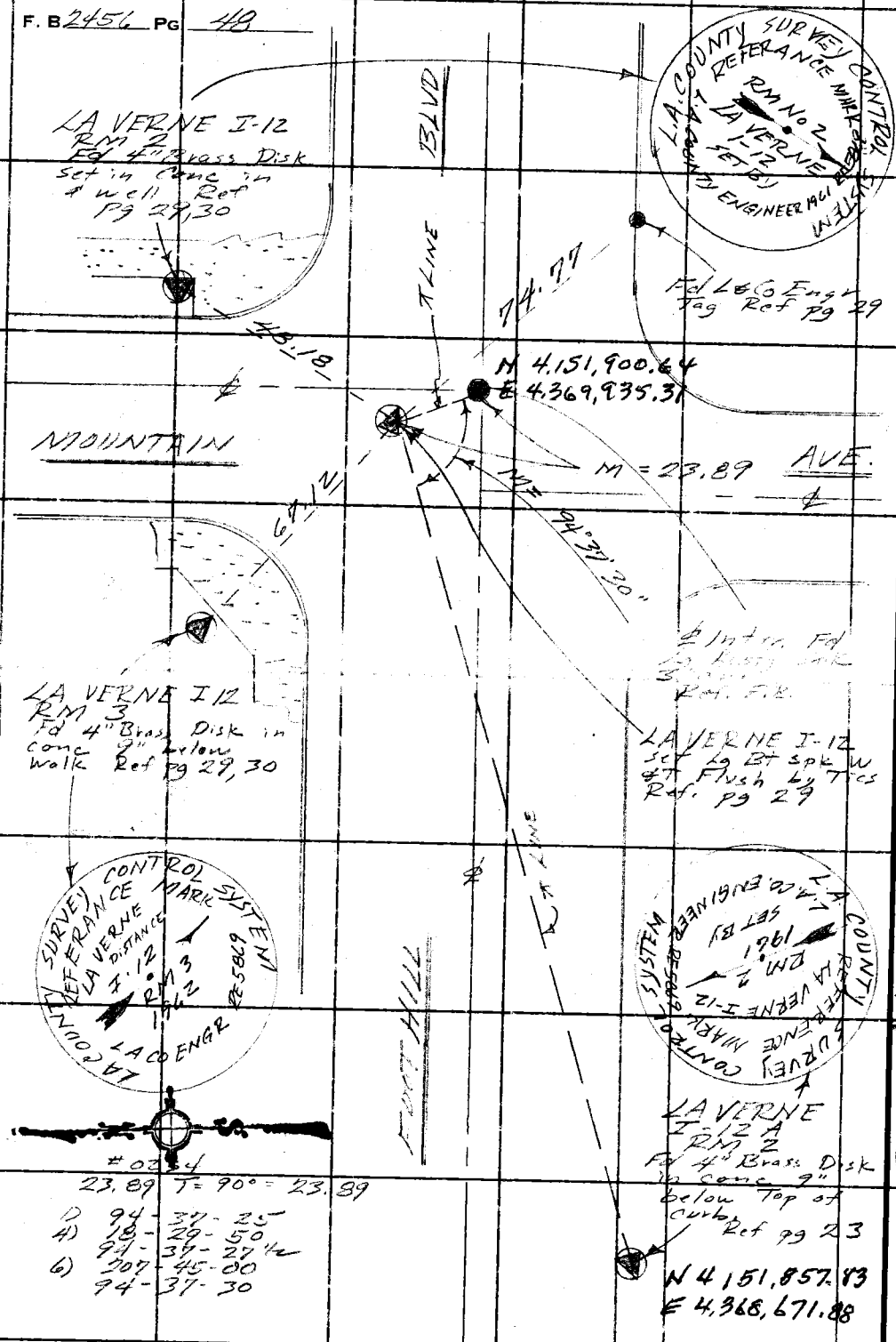
76F309S CF #310 6-62

F. B 2456 PG 48



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WS 49 C 2

Notes Ck'd by	Survey of CADASTRAL TIE
Map No.	JN 0202.00 Tape H.P. 38.00 Std ___ °F
Office Work [illegible]	Surveyed by FE Brooks
Checked	Notes FEB Date 21 July 72
Date	Indexed C. J. GALLI AUG 8 '72

F. B. 2456 PG. 49

JN 0202.00

CADASTRAL TIE

LA VERNE I12A RM 2

To

℄ INTER FOOTHILL BLVD and TOWNE AVE.

FE Brooks
GO Guizado
T Miyahira
LO Fisher.

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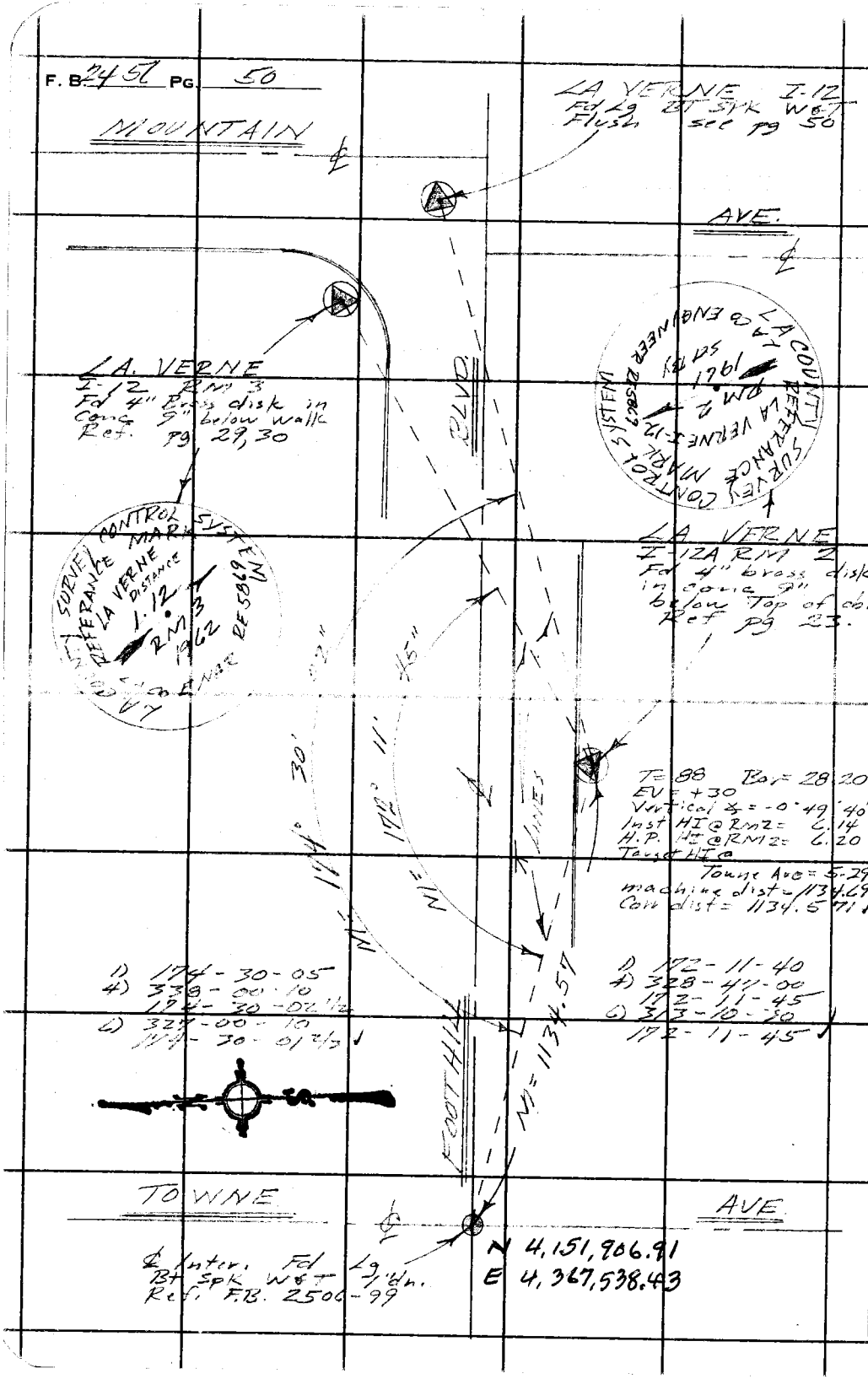
76F3095 CE #310 6-62

F. B. 2456 PG. 50



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Notes Ck'd by	Survey of CADASTRAL TIES
Map No.	JN 0202.00 Tape Std °F
Office Work Paul	Surveyed by FE Brooks
Checked	Notes FEB Date 25 July 72
Date	Indexed C. J. GALLI AUG 8 72

F. B. 2456 PG. 51

SN 0202.00

CADASTRAL TIES

LA VERNE I-11

TO

N.W. COR TR 19367

FE Brooks
G O Guzzado
T Miyahira
L O Fisher

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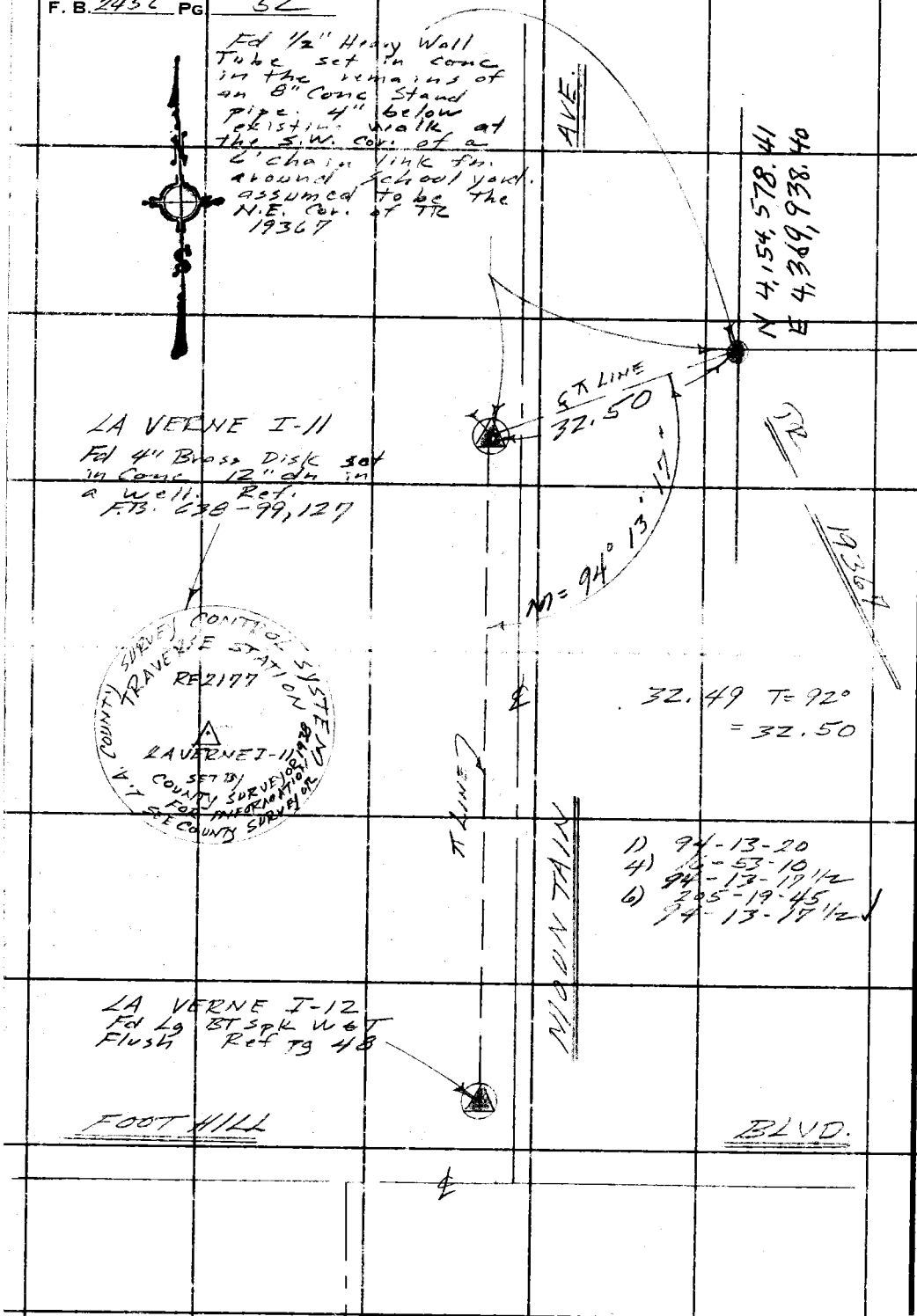
76F309S C.E. #310 6-62

F. B. 2456 PG. 52



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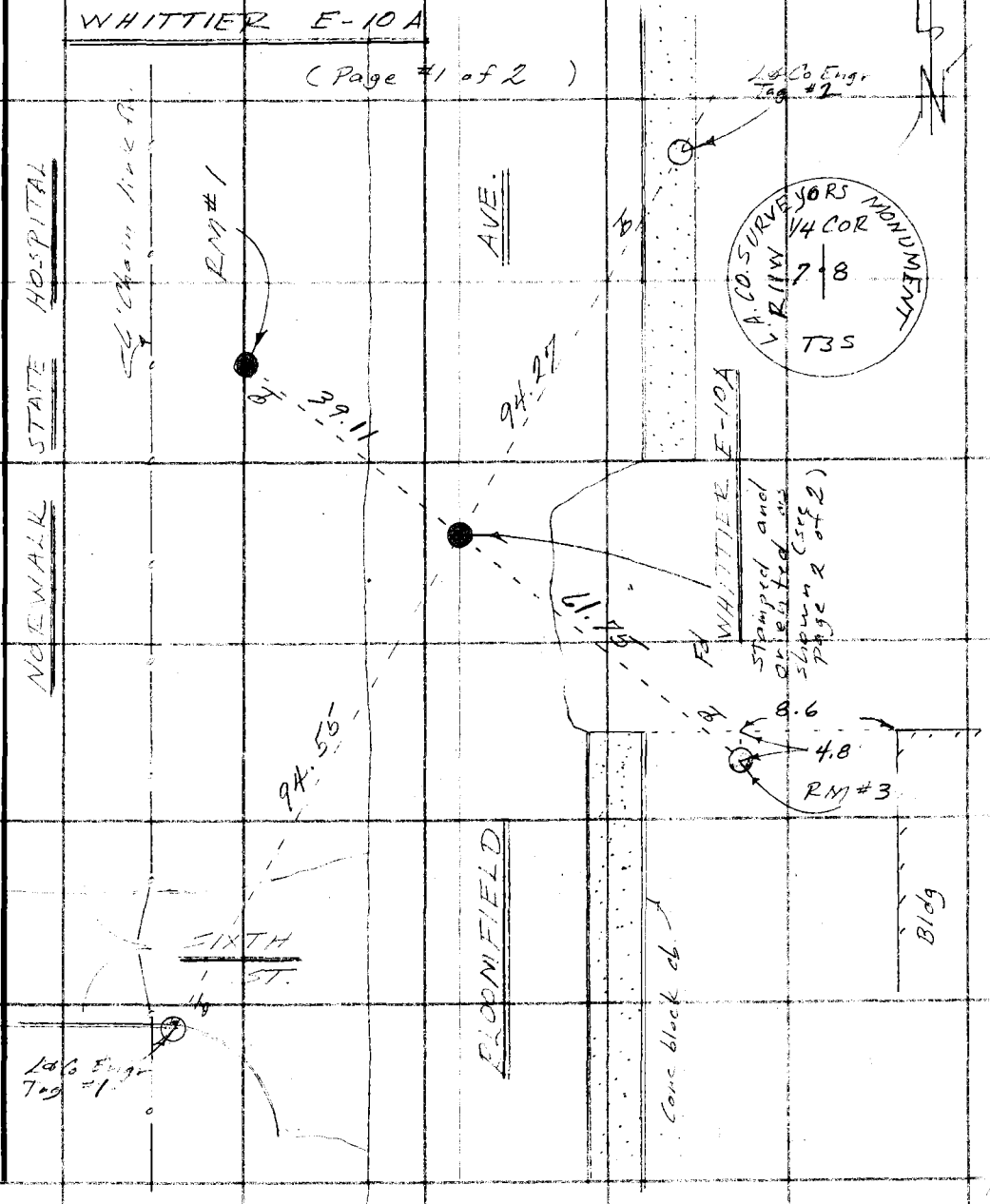
Notes Ck'd by	Survey GEODETIC CONTROL
Map No.	JN 5301.00 Tape Std °F
Office Work	Surveyed by F. E. Brook
Checked	Notes F. E. Brook Date 12 MAR 73
Date	Indexed G. D. BAILEY APR 3 197

F. B. 2456 PG. 53

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

WHITTIER E-10A

(Page #1 of 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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PLEASE RETURN TO
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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 1456 Pg. 54 GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

WHITTIER E-10A

(Page #2 of 2)

MEASUREMENTS

#0178

RM #1	39.11	E 66°	= 39.11
∠ Tag #1	94.55	E 66°	= 94.55
∠ Tag #2	94.29	E 66°	= 94.29
RM #3	61.95	E 66°	= 61.75

AREA

This station is in the vicinity of SANTA FE SPRINGS on the ℄ of BLOOMFIELD AVE. between LAKELAND ROAD and IMPERIAL Hwy. about 70.6 ft. North of the ℄ of a driveway to NORWALK STATE HOSPITAL known as SIXTH STREET.

STATION MARK

A 2½" Brass Disk stamped L.A.C.S. SURVEYORS MONUMENT 1/4 COR 7, 8 R11W T3S. Disk is set in Concrete in a well 14" below the surface and is protected by a cast iron cover marked COUNTY SURVEYOR MONUMENT.

REFERENCE MARKS

RM #1 A 4" Brass Ref. Dsk stamped WHITTIER E-10A, RM No 1 1941 RE 2177 set in Concrete 24" dn.

RM #3 A 1" J. P. Conc. plug & Co. Fuge Tag flush with the ground.

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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape HP 3820 Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 2 Apr '73
Date	Indexed G. D. BAILEY APR 3 1973

F. B. 245 Pg. 55

S.N. 0301.00

GEODETIC CONTROL

TIE

FROM	WHITTIER	D-10
and	WHITTIER	E-10
TO	WHITTIER	D-11

Brooks FE
Goble AL
Smith, RD
McCoy, S.

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
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

RETURN TO
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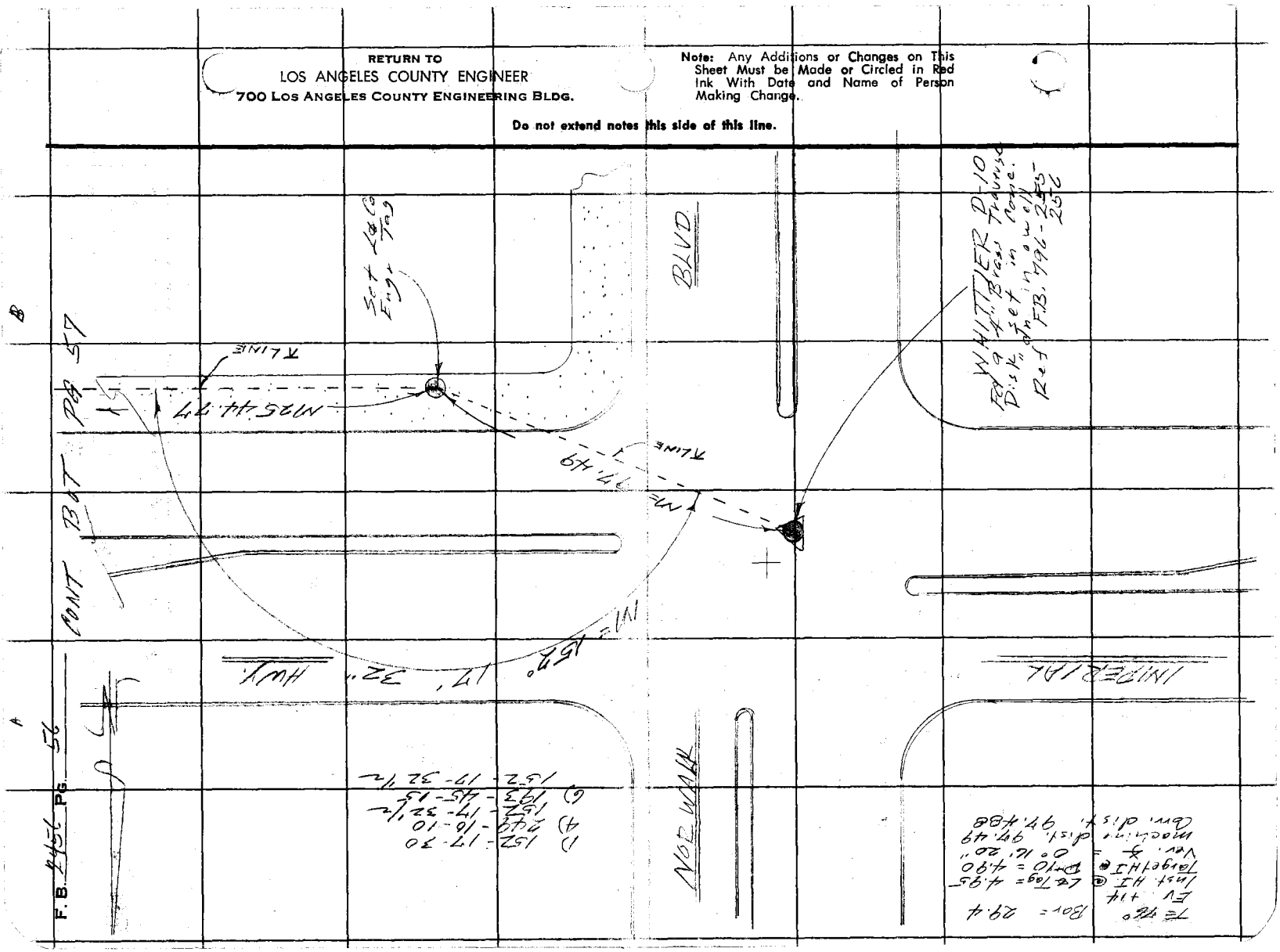
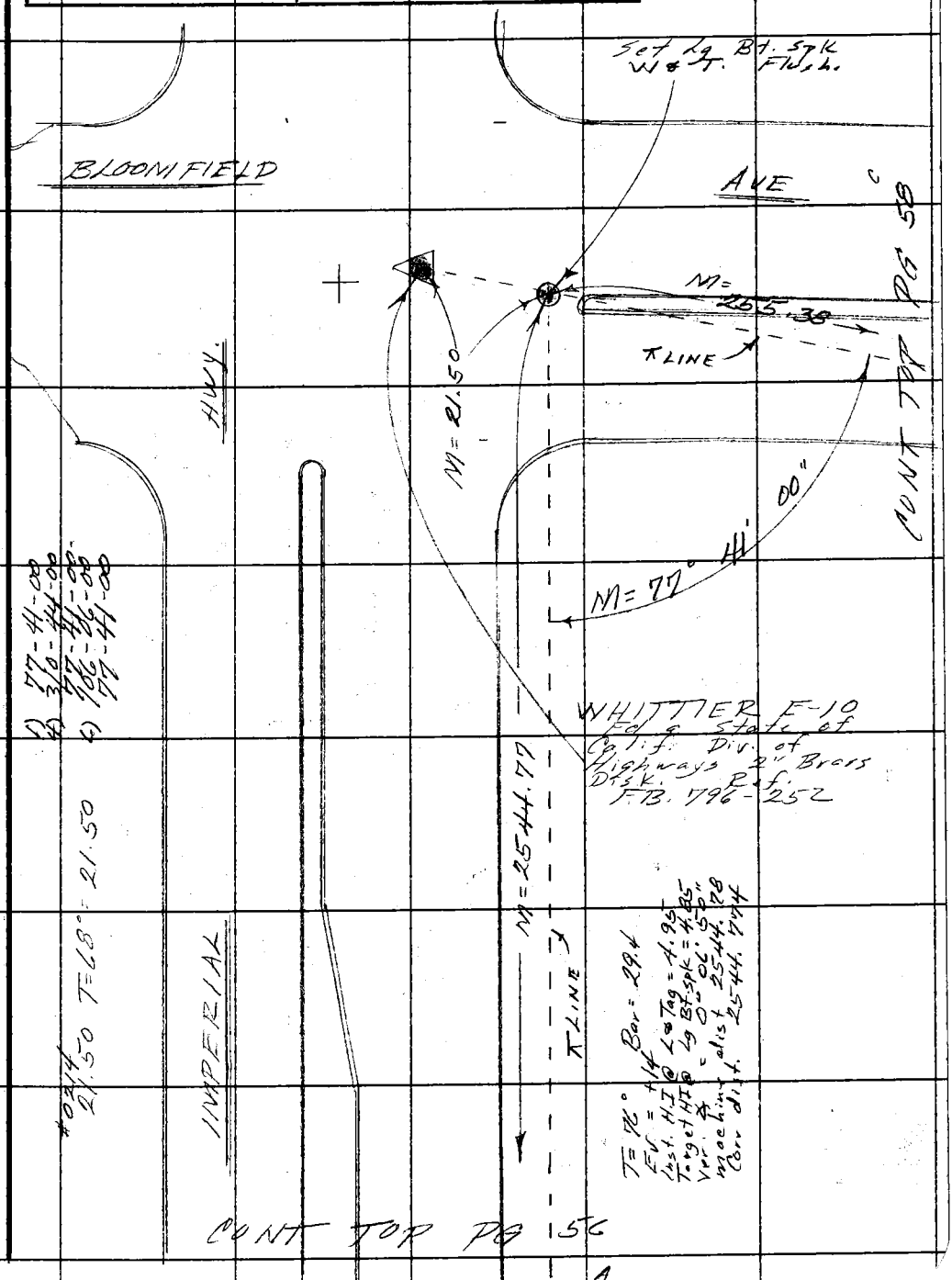


Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape HP3800 Std. °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 2 Apr 73
Date	Indexed G. D. BAILEY APR 3 1973

F. B. 2456 PG. 57



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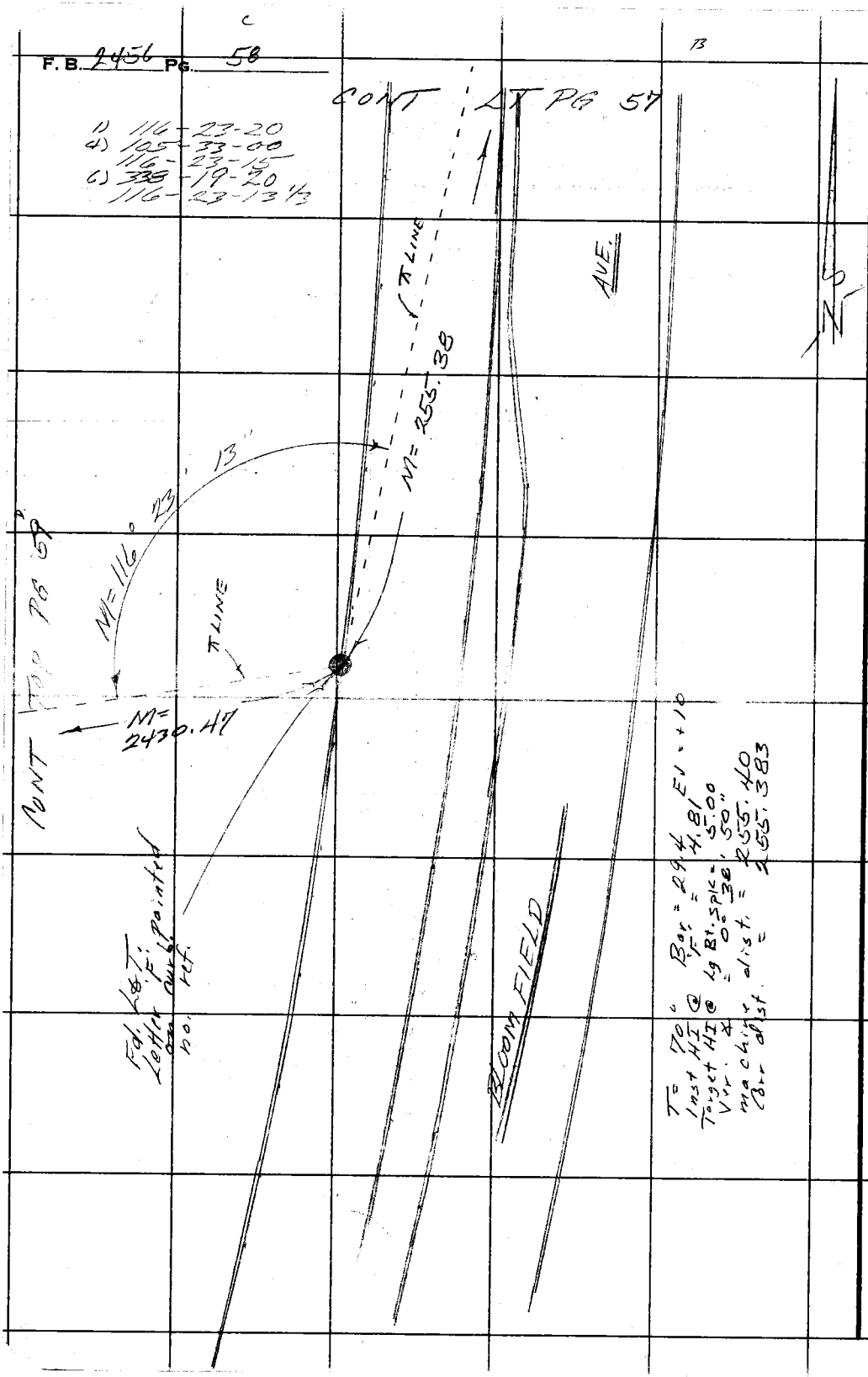
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

F. B. 2456 PG. 58



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 GEODETIC CONTROL
Map No.	JN 0301.00 Tape HP3800 Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 2 APR 73
Date	Indexed G. D. BAILEY APR 3 1973

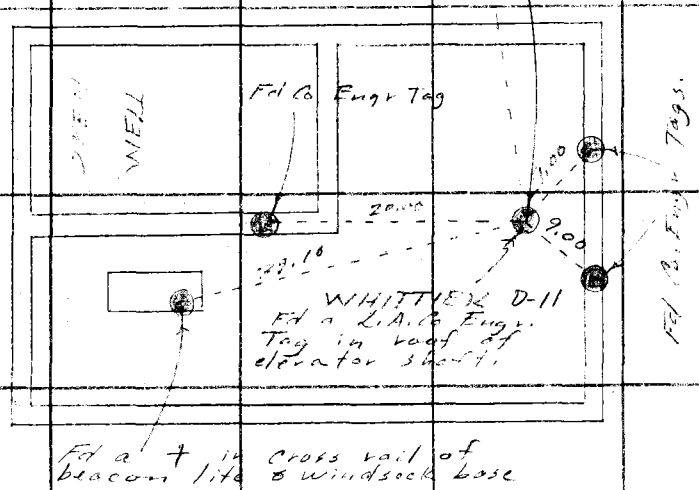
F. B. 2456 PG. 59

CONT LT PG 58

T= 70° Bar= 29.4 EV= +10
Inst HI @ 'F' = 4.81
Target HI @ D-11 = 4.35
Ver. ∠ = 3° 00' 40"
machine dist = 2433.83
Corr dist = 2430.469

N = 2430.47

SEVENTH FLOOR ROOF



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

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PLEASE RETURN TO
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76F309S CE#310 3-69

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F. B. 2456 PG. 60

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape HB 3800 Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 2 Apr 73
Date	Indexed G. D. BAILEY APR 3 1973

F. B. 71-6 PG. 61

JN 0301.00

GEODETIC CONTROL

TIE

FROM ARTESIA C-9 AUX-1

and ARTESIA C-8

TO ARTESIA B-9

Brooks FE
Goble AL
Smith RD
McCoy S.

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

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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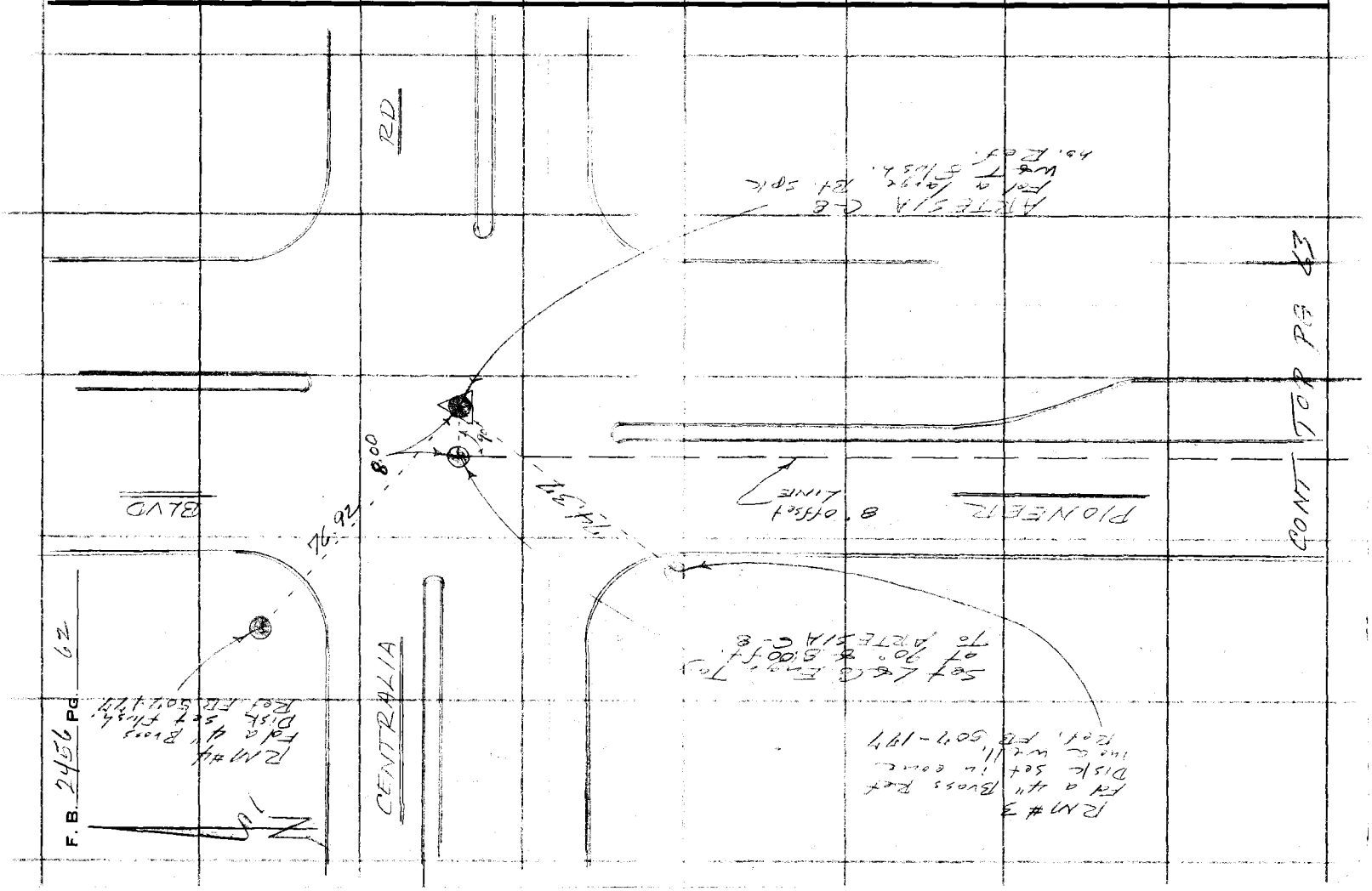
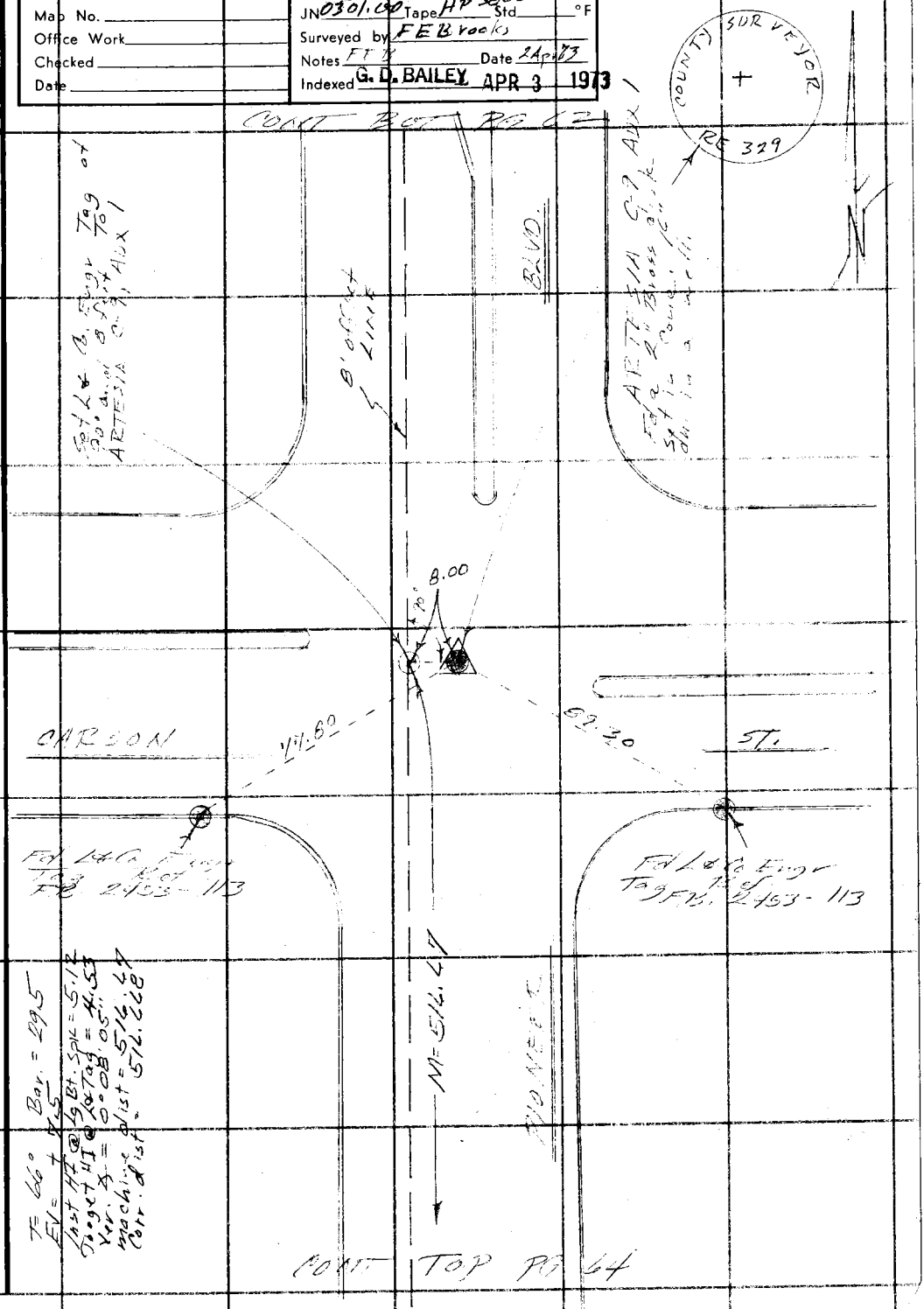


Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape HP 3800 Std °F
Office Work	Surveyed by FEB rooks
Checked	Notes FEB Date 2 Apr 73
Date	Indexed G. D. BAILEY APR 3 1973

F. B. 2456 PG. 63



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

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DEPARTMENT OF COUNTY ENGINEER
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76F309S CE#310 3-69

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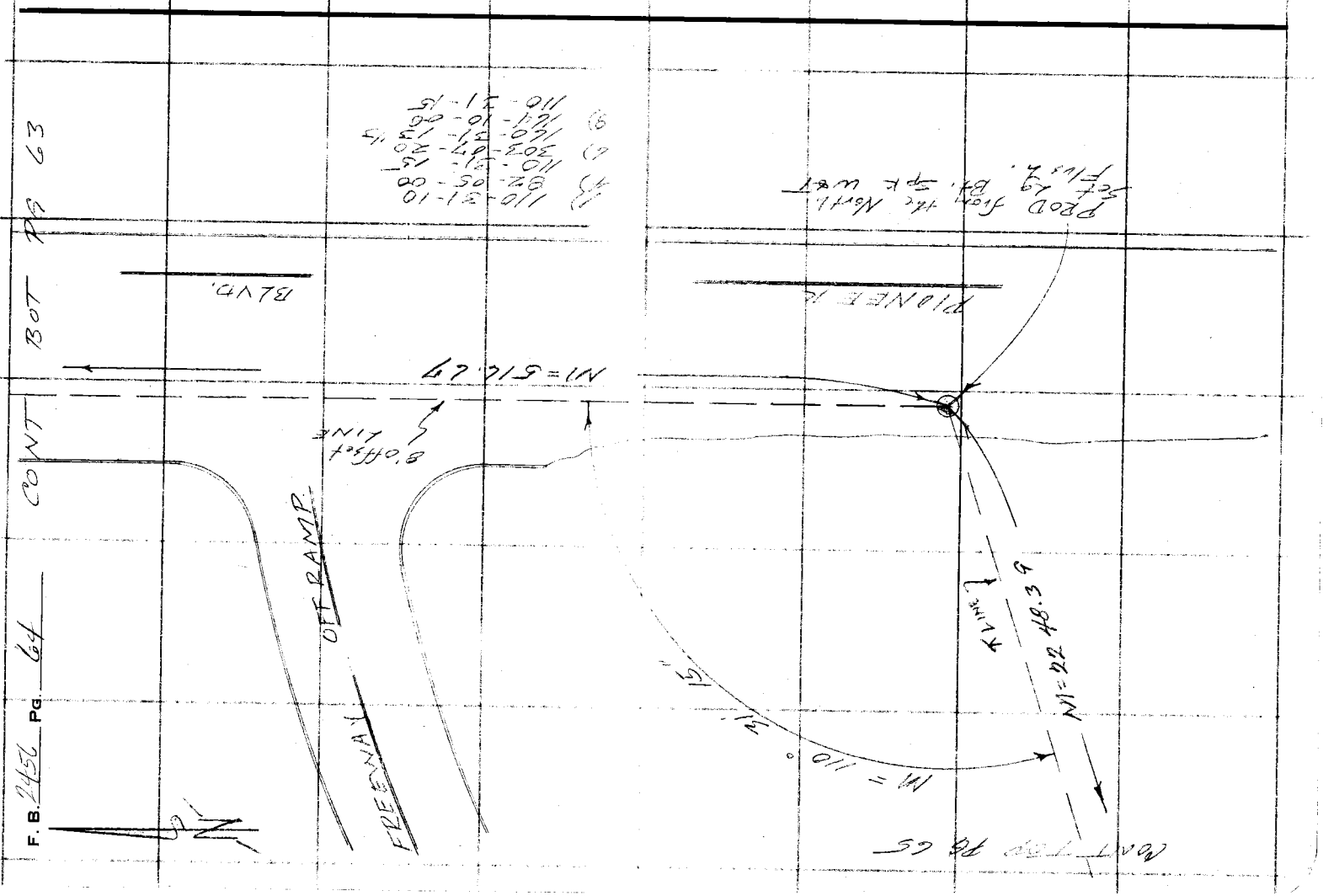

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape HP 3800 Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 2 Apr 73
Date	Indexed G. D. BAILEY APR 3 1973

F. B. 2155 PG. 65

CONT LT PG 64

T = 66° Bar. = 29.4 EV = + 7.5
Inst H.I. @ Lg Bt. Spk = 5.12
Target H.I. @ B-9 = 4.74
Ver. ∡ = 4° 27' 50"
machine dist = 2255.23
Corr dist = 2248.388

K LINE

M = 22 48.39

CITY OF
LONG BEACH
GAS DEPARTMENT
5 000 000 CU FT
HOLDER

ARTESIA B-9
Fta 1/8" drill hole
in the decking of a
plat form. F.B. 942-117
Ref.

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76F309S CE#310 3-69

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F. B. 2456 PG. 66

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date June 73
Date	Indexed

F. B. 2456 PG. 67

JN 0301.00

GEODETIC CONTROL

TIES ON

USC&GS STATION GARRETT

(LA VERNE B-10)

FE Brooks
AL Goble
DD Smith
J McCoy.

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
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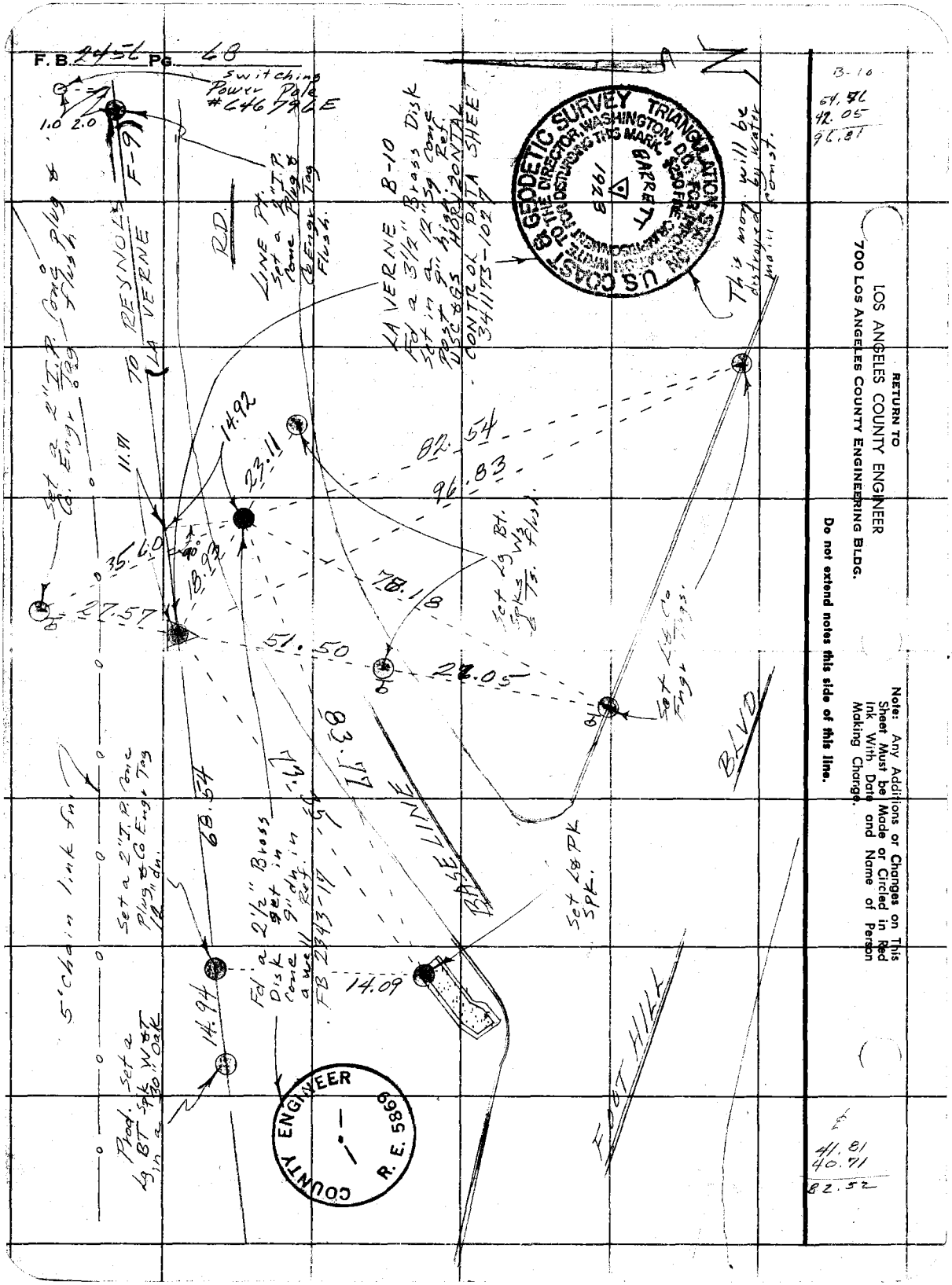
700 LOS ANGELES COUNTY ENGINEERING BLDG.

78F309S CE #247—3-57



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 Street ℄ Ties
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes FEB Date 11 Mar 72
Date	Indexed

F. B. 2456 PG. 69

JN 0303.00

STREET CENTERLINE

ADDITIONA TIES ON

℄ MONUMENT

AT BASELINE RD

AND WILLIAMS AVE

F E Brooks
A L Gob'c
J McCoy

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

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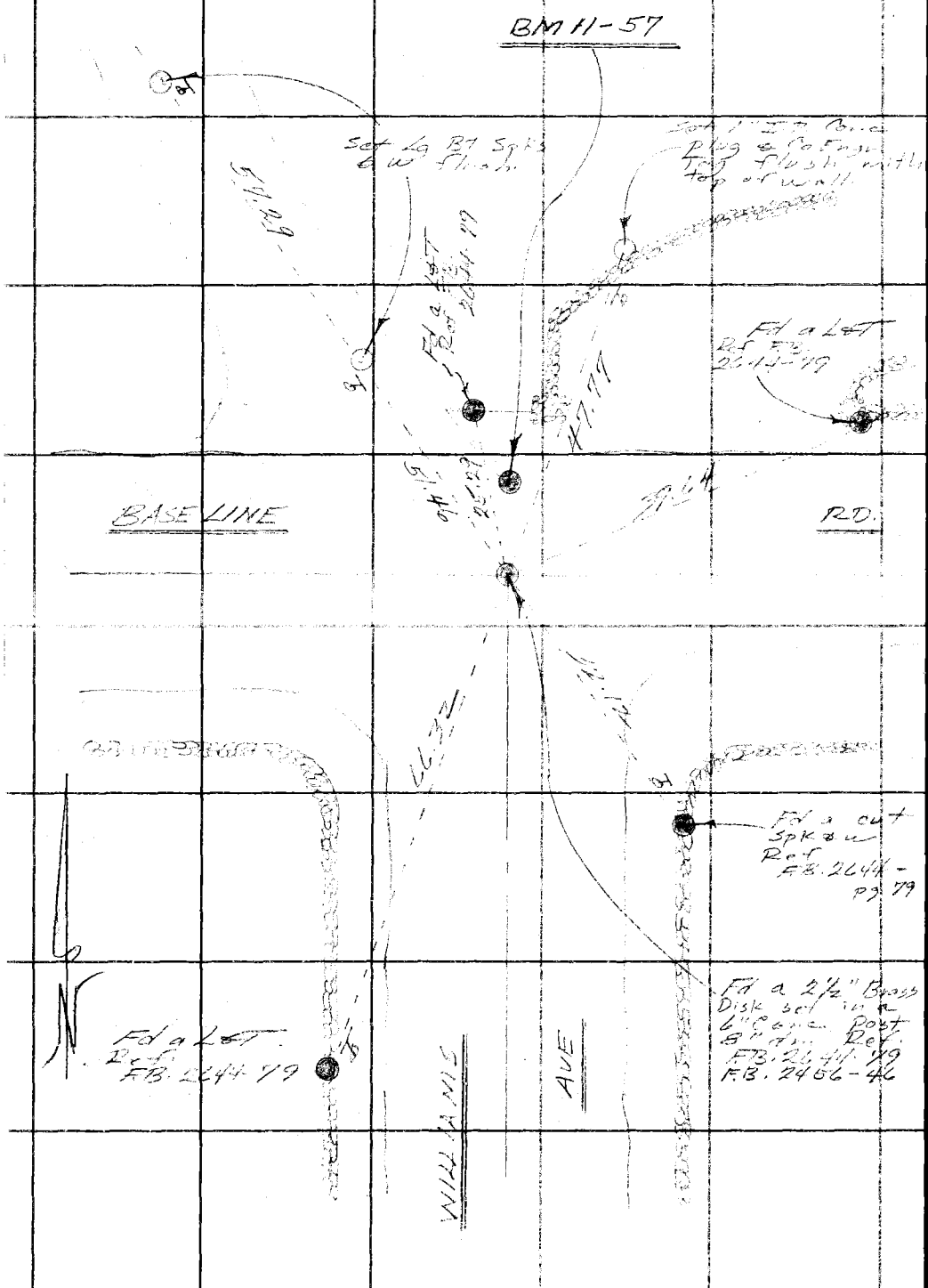
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE#310 3-68

F. B. 2456 PG. 70



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

Do not extend this side of this line.

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

RECOVERY REPORT
DEPARTMENT OF COUNTY ENGINEER--SURVEY DIVISION

STATION NAME: GARRETT (LAVERNE B-10) BM ____ TRIANG. ✓ TRAVERSE ✓

FOUND STA.MARK ____ CONDITION: GOOD ✓ UNCERTAIN* ____ DAMAGED ____
STA.MARK NOT FOUND ____ SEARCH: COMPLETE ____ INCOMPLETE ____ OBVIOUSLY GONE ____
STA.MARK REPLACED ____ FIELD BOOK ____ PAGE ____

STA.DESCRIPTION:
ADEQUATE ____
NEEDS REVISION ____
NEW MARK ____
NEW ROUTE ____
NEW TIES ____

This station will be destroyed by construction of a water main.

STATION RECOVERED IN CONJUNCTION WITH:

JOB NAME: GEODETIC CONTROL

JOB NUMBER: 0301.00

MADE SURVEY TIE TO JOB: YES ____ NO ✓

NEW TIES SHOWN IN F.B. 2456 PAGE 68

STATION REFERENCE: F.B. ____ PAGE ____
USC&GS HORIZONTAL CONTROL DATA SHEET 341173-1027

REF.MARK NO.	1	2	3	4
CONDITION:				
GOOD	____	____	____	____
UNCERTAIN*	____	____	____	____
DAMAGED	____	____	____	____
NO SEARCH	____	____	____	____
TIES:				
PER RECORD	____	____	____	____
NOT RECORD	____	____	____	____
NO CHECK	____	____	____	____

CHIEF OF PARTY FE Brooks

DATE 7 June 73

*EXPLAIN

Check all applicable items. Use reverse side for additional information. Return to Room 432 County Engineering Building 108 W. 2nd St., Los Angeles

RECOVERY REPORT
DEPARTMENT OF COUNTY ENGINEER--SURVEY DIVISION

STATION NAME: LA VERNE NM-10 BM____ TRIANG.____ TRAVERSE X

FOUND STA.MARK____ CONDITION: GOOD X UNCERTAIN*____ DAMAGED____
STA.MARK NOT FOUND____ SEARCH: COMPLETE____ INCOMPLETE____ OBVIOUSLY GONE____
STA.MARK REPLACED____ FIELD BOOK____ PAGE____

STA.DESCRIPTION:
ADEQUATE ____
NEEDS REVISION ____
NEW MARK ____
NEW ROUTE ____
NEW TIES ____

STATION RECOVERED IN CONJUNCTION WITH:

JOB NAME: Geodetic Control

JOB NUMBER: 0301.00

MADE SURVEY TIE TO JOB: YES____ NO____

TIE SHOWN IN F.B.____ PAGE____

STATION REFERENCE: F.B.____ PAGE____

REF.MARK NO.	1	2	3	4
CONDITION:				
GOOD	____	____	____	____
UNCERTAIN*	____	____	____	____
DAMAGED	____	____	____	____
NO SEARCH	____	____	____	____
TIES:				
PER RECORD	____	____	____	____
NOT RECORD	____	____	____	____
NO CHECK	____	____	____	____

CHIEF OF PARTY FE Brooks

DATE 30 May 73

*EXPLAIN

Check all applicable items.
Use reverse side for additional information. Return to Room 432 County Engineering Building 108 W. 2nd St., Los Angeles

RECOVERY REPORT
DEPARTMENT OF COUNTY ENGINEER--SURVEY DIVISION

STATION NAME: LA VERNE F-10 A BM 11-59 BM ✓ TRIANG. ____ TRAVERSE X

FOUND STA.MARK ____ CONDITION: GOOD ✓ UNCERTAIN* ____ DAMAGED ____
STA.MARK NOT FOUND ____ SEARCH: COMPLETE ____ INCOMPLETE ____ OBVIOUSLY GONE ____
STA.MARK REPLACED ____ FIELD BOOK ____ PAGE ____

STA.DESCRIPTION:
ADEQUATE Mon. will be destroyed by Const. of a 48" Water Pipe
NEEDS REVISION ____
NEW MARK ____
NEW ROUTE ____
NEW TIES ____

REF.MARK NO.	1	2	3	4
CONDITION:				
GOOD	✓	✓		
UNCERTAIN*				
DAMAGED				
NO SEARCH				
TIES:				
PER RECORD				
NOT RECORD				
NO CHECK	✓	✓		

STATION RECOVERED IN CONJUNCTION WITH:

JOB NAME: Geodetic Control

JOB NUMBER: 0301.00

CHIEF OF PARTY F E Brooks

DATE 30 May 73

MADE SURVEY TIE TO JOB: YES ____ NO ____

*EXPLAIN

TIE SHOWN IN F.B. ____ PAGE ____

STATION REFERENCE: F.B. 948 PAGE 229, 230

Check all applicable items. Use reverse side for additional information. Return to Room 432 County Engineering Building 108 W. 2nd St., Los Angeles

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F E Brook Weather over cast Inst. No. 75478
Notes by F.F.B. Time 10:20 Rod No.

Name Precise Levels
Job No. 0301.02
From BM 11-57 To BM 11-57
Date 21 May 72
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
BM 11-57	5.515		26			3.262		40		BM 11-57
	5.489		26			3.222		41		Baseline Rd & Williams Ave
	5.463		52			3.181		81		
	16.467	5.4890		52		9.665	3.2217		81	
Ct. Spk & W	6.175		73			0.098		38		Ct. Spk & W in rock wall
	6.102		75			0.060		37		S.E. Cor.
	6.027		148			0.023		75		F.B.
	18.304	6.1013		200		0.181	0.0603		156	
1" I.P. Conc Plug & Tag	0.072	11.5903	27			6.110	3.2[illegible]	57		1" I.P. Conc plug & Co Engr
	0.045		28			6.053		56		Tag behind rock retaining wall
	0.017		55			5.997		113		F.B.
	0.134	0.0447		255		18.160	6.0533		269	
T.P.	3.428	1.[illegible]350	23			5.738	7.3353	36		
	3.405		23			5.702		39		
	3.382		46			5.663		75		
	10.215	3.4050		301		17.103	5.7010		344	
BM 11-57		15.0400					15.0363			
		15.040					15.036			

F.B. 2456 P.G. 71

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear Inst. No. 75478
Notes by FEB Time 14:30 Rod No.

Name Precise Levels
Job No. 630.02
From BM 11-59 To BM 11-59
Date 30 May 73
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
BM 11-59	6.048		46			5.300		40		BM 11-59
	6.002		47			5.260		39		Baseline Rd. and Live Oak Dr.
	5.955		93			5.221		79		
	18.005	6.0017		93		15.781	5.2603		79	
PK spk in lead	5.832		42			4.718		35		PK spk in lead N.E. Cor.
	5.790		42			4.683		35		8' N. of N. end CR.
	5.748		84			4.648		70		
	17.370	5.7900		177		14.049	4.6830		149	
PK spk in lead	4.222	11.7917	21			6.072	9.7433	25		PK spk in lead N.W. Cor.
	4.201		19			6.047		24		10' N. of N. end CR.
	4.182		40			6.023		49		
	12.605	4.2017		217		18.142	6.0473		198	
BM 11-59		15.9934					15.9906			

F.B. 245 P.G. 72

Notes Ck'd by	Survey of Street & Ties
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by EE Brooks
Checked	Notes EEB Date 29 May 73
Date	Indexed

F. B. 2456 PG. 73

S.N. 0303.00

STREET CENTERLINE

TIES AT

BASELINE RD

and

COLLEGE WAY.

EE Brooks

AL Goble

RD Smith

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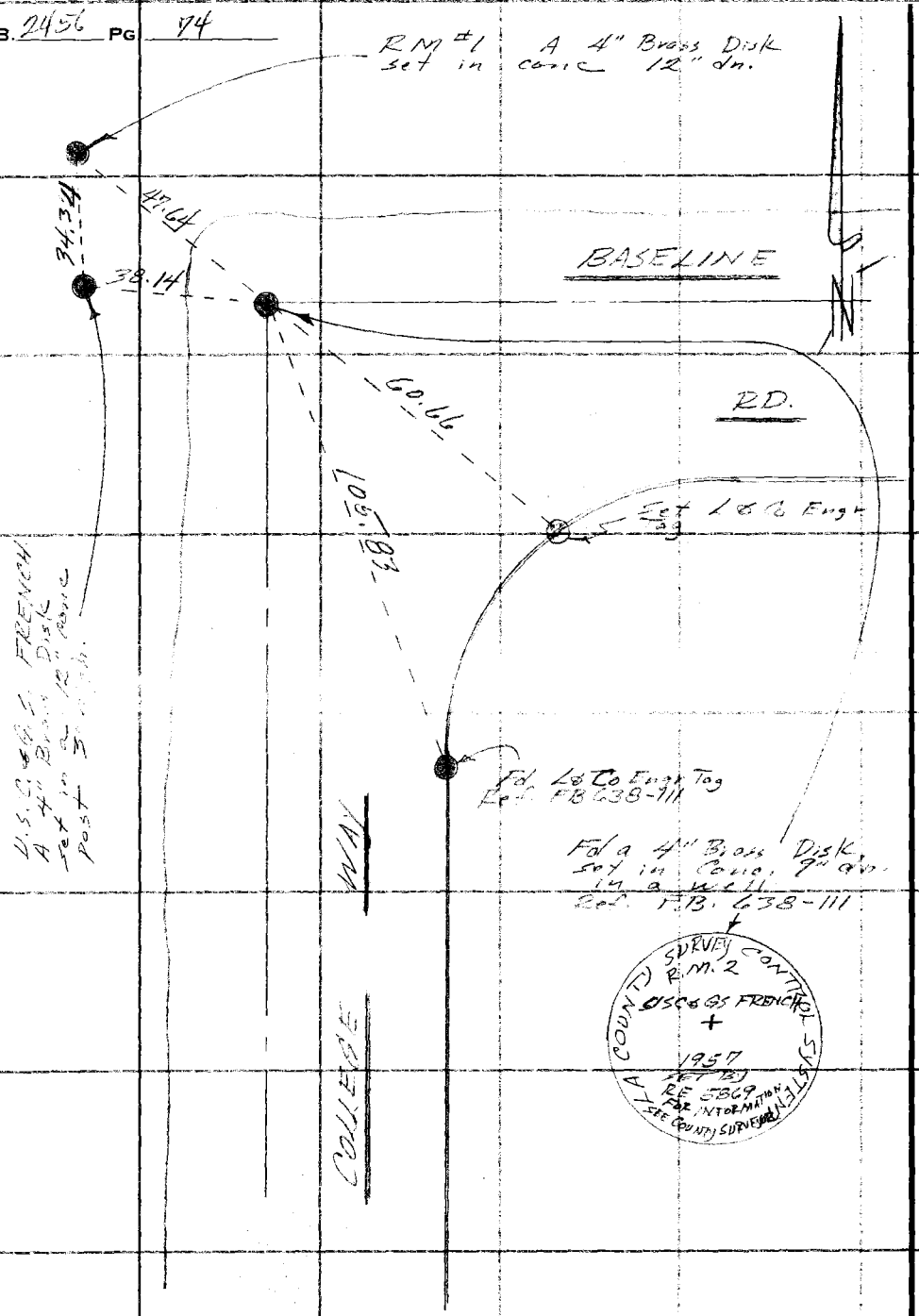
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F 3095 CE#310.3-68

F. B. 2456 PG 74



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

69. 52
31
07

Notes Ck'd by	Survey of STREET & Ties
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes FB Date 30 May 73
Date	Indexed

F. B. 2456 PG. 75

JN 0303.00

STREET &

Ties at

BASE LINE RD.

and

GLEN WAY

F E Brooks
A L Goble
R D Smith

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76F3095 CE#310 3-68

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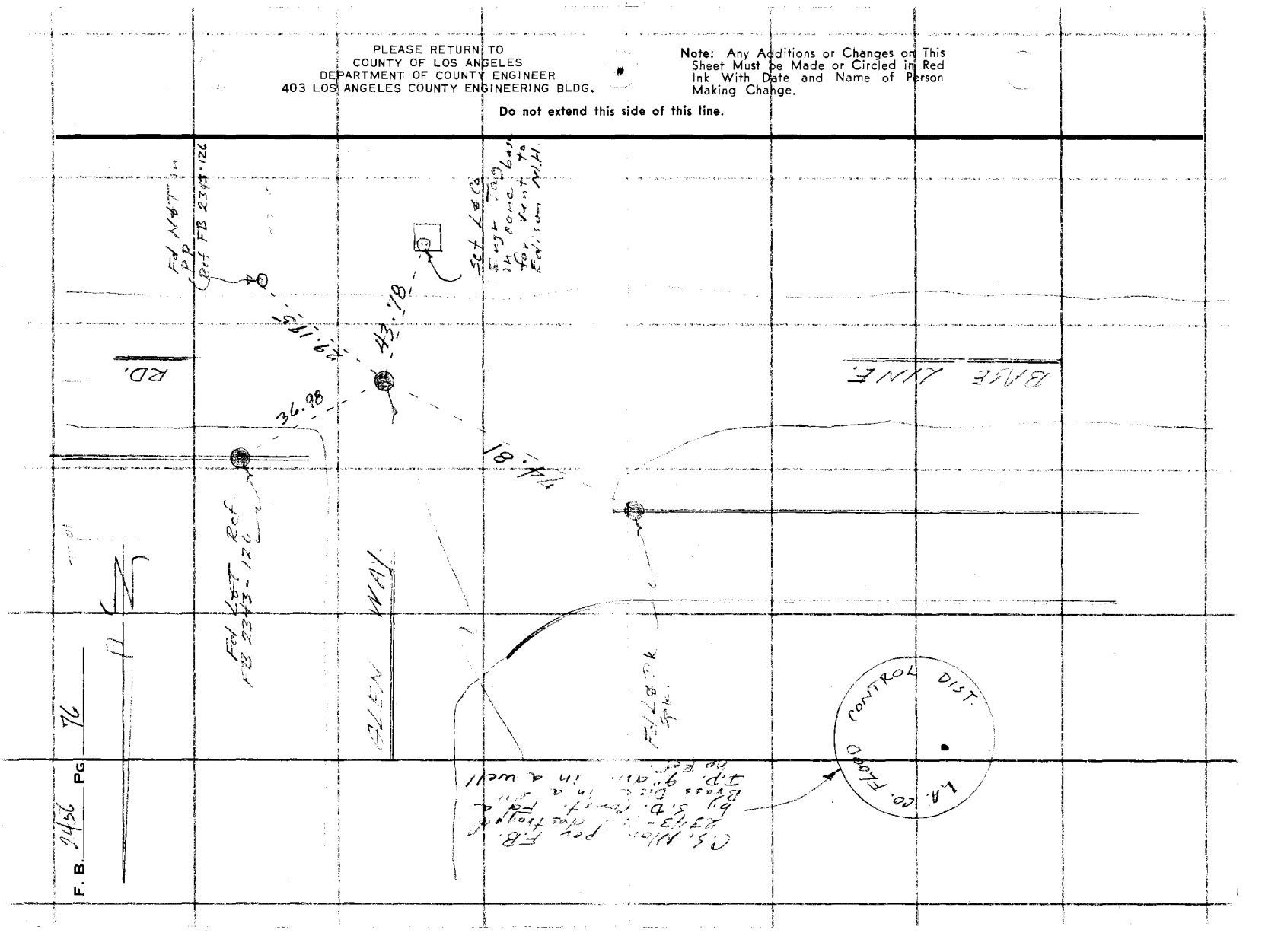


Notes Ck'd by	Survey of STREET ℄
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes FEB Date 6 June '73
Date	Indexed

F. B. 2456 PG. 77

S N 0303.00

STREET ℄

TIE at

BASELINE RD

and

BONNELLE.

F E Brooks
A L Goble
RD [illegible]
J McCoy.

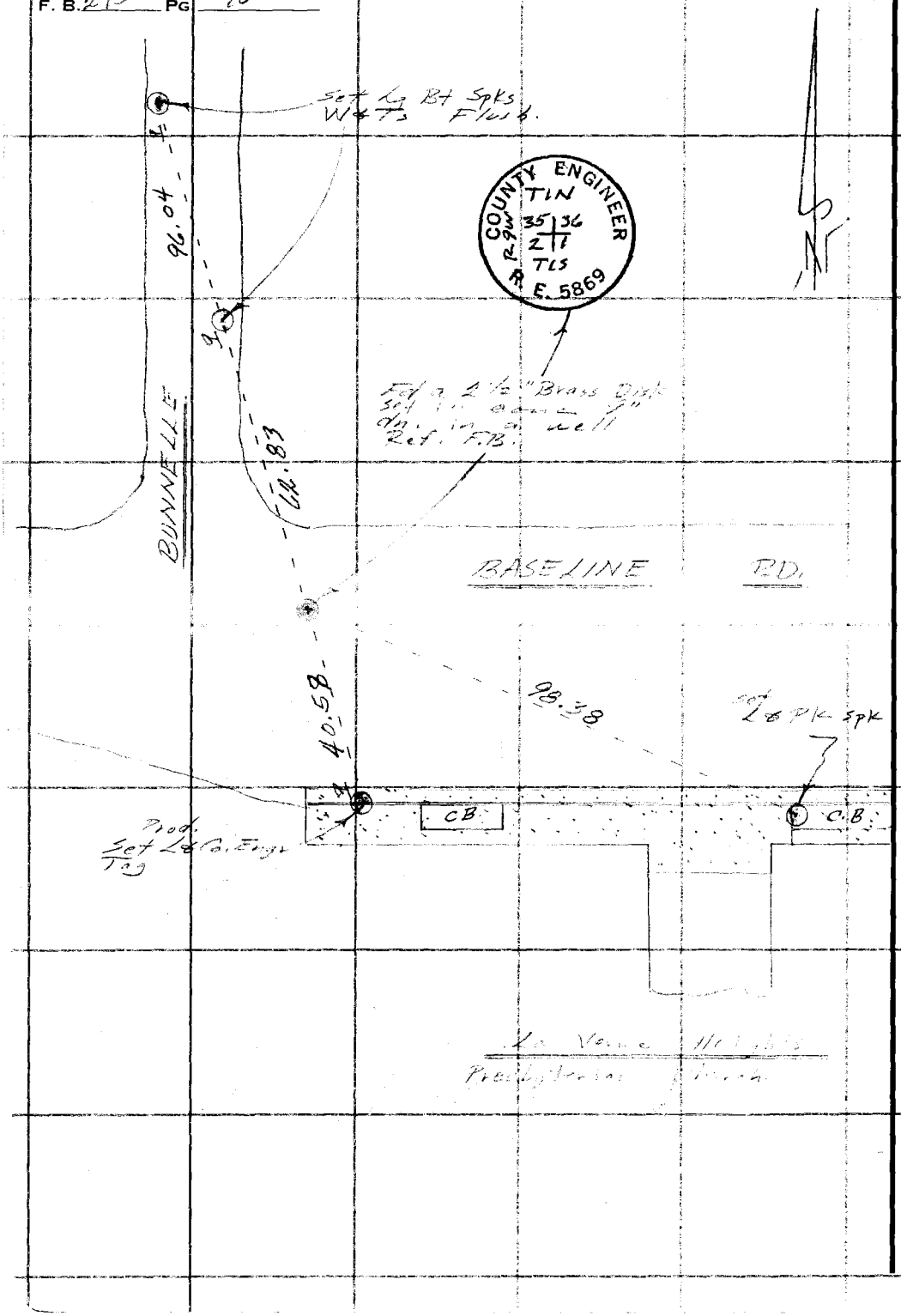
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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.

76F309S CE#310 3-68

F. B. 2456 PG 78



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76P526-CE 379--10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.F. Brooks Weather Hazy Inst. No. 75478
Notes by FFB Time 10:30 Rod No.

Name Precise Levels
Job No. 0301.02
From BM 11-51 To BM 11-51
Date 7 June 73
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
BM 11-51	5.285		65			3.712		42		BM 11-51
	5.220		66			3.770		42		Baseline Rd and Bunnelle
	5.154		131			3.828		84		
	15.659	5.2197		131		11.310	3.7700		84	
PK spk in lead	5.073		33			4.010		43		PK spk in L in S. side Baseline
	5.040		33			3.967		44		Rd. E. end of S.D.C.B. W.
	5.007		66			3.923		87		of drive to La Verne Heights
	15.120	5.0400		197		11.900	3.9667		171	Presbyterian Church
PK spk in lead	3.402	10.2597	67			5.937	7.7367	79		PK spk in L in S. side Baseline
	3.335		67			5.858		80		Rd W end of S.D.C.B. E. of
	3.268		134			5.778		159		drive to La Verne Heights
	10.005	3.3350		331		17.573	5.8577		330	Presbyterian Church.
BM 11-51		13.5947					13.5944			

F.B. 2456 P.G. 79

76P526-CE 379—10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brook Weather Hazy Inst. No. 75475
Notes by FEB Time 09:40 Rod No.

Name Precise Levels
Job No. 0301.02
From BM 11-50 To BM 11-50
Date 7 June 73
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
BM 11-50	6.120		78			2.430		77		BM 11-50 USC&GS Station
	6.042		77			2.353		78		Garrett at Baseline Rd
	5.965		155			2.275		155		& Foothill Blvd.
	18.127	6.0423		155		7.058	2.3527		155	
2" I.P.	2.265		95			6.103		56		2" I.P. Cone plug & C.E. Engr
	2.170		95			6.047		59		Tag flush. 1.0 ft S.; 2.0 ft W.
	2.075		190			5.988		115		of P.P. #646 796E
	6.510	2.1700		345		18.138	6.0460		270	Ref F.B. 2456-68
TP.	0.718	8.2123	52			6.259	8.[illegible]87	61		
	0.666		54			6.198		61		
	0.612		106			6.137		122		
	1.996	0.6653		451		18.594	6.1980		392	
L&PK SPK	6.022	8.8776	37			0.337	14.5967	73		L&PK spk is S.D. C.B.
	5.985		37			0.263		73		N.W. Cor. of Inter. of Baseline
	5.948		74			0.190		146		Rd and Foothill Blvd.
	17.955	5.9850		525		0.790	0.2633		538	Ref. F.B. 2456-68
		14.8626					14.[illegible]00			
BM 11-50										

F.B. 2456 P.G. 80

Notes Ck'd by	Survey of STREET ℄s Ties
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 7 June 73
Date	Indexed

F. B. 2456 PG. 81

SN 0303.00

STREET ℄s

TIES

at

BASELINE RD

and

WHEELER AVE.

FE Brooks
AL Goble
RD Smith
J McCoy

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76F309S CE#310 3-68

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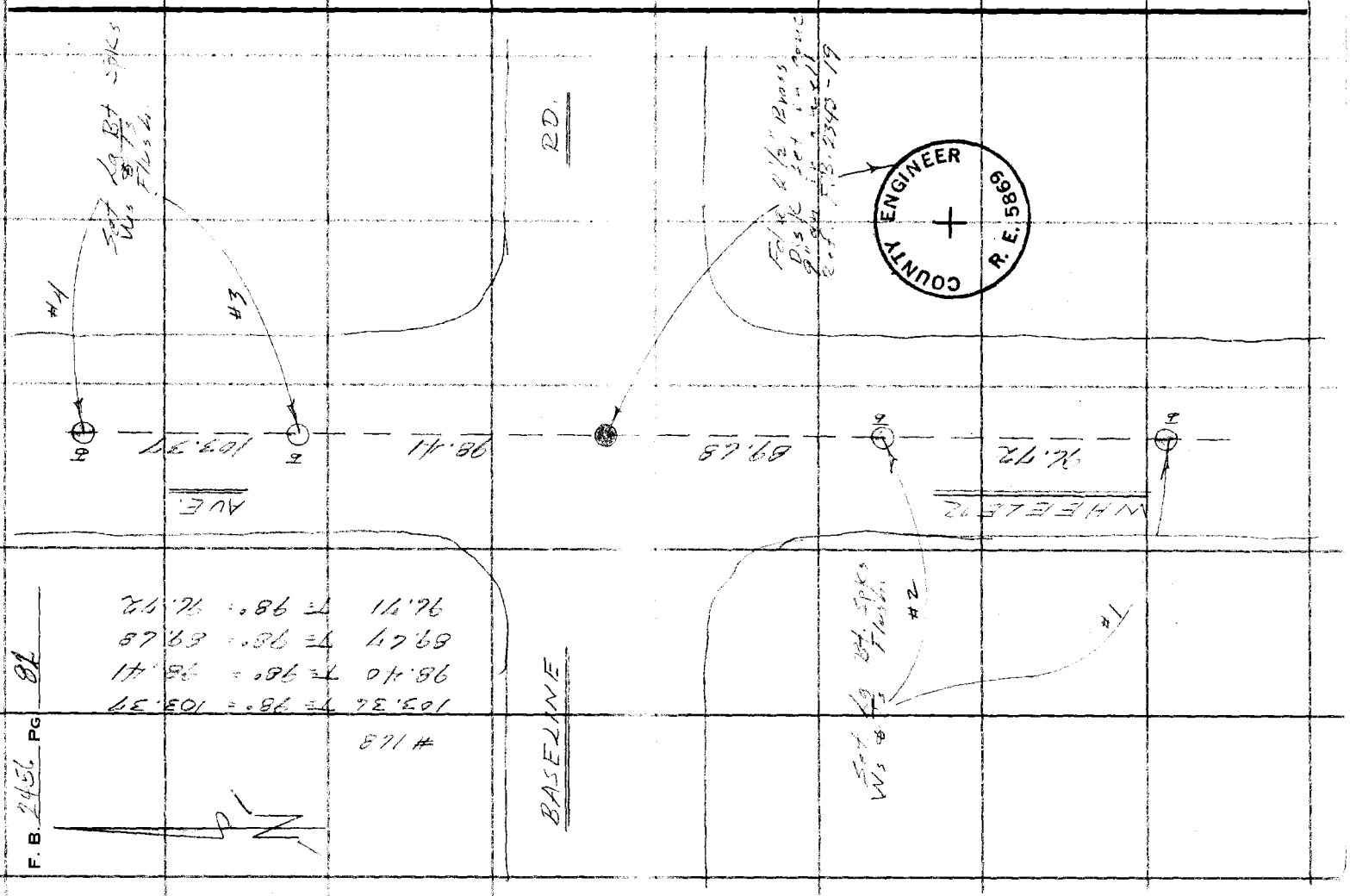

F. B. 2456 PG 81

Notes Ck'd by	Survey of Street ℄s Ties
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F E B Date 7 Jun 69
Date	Indexed

F. B. 2456 PG. 83

JN 0303.00

STREET ℄s

TIEs

at

BASELINE RD

and

EMERALD AVE

FE Brooks
AL Goble
RD Smith
J. McCoy

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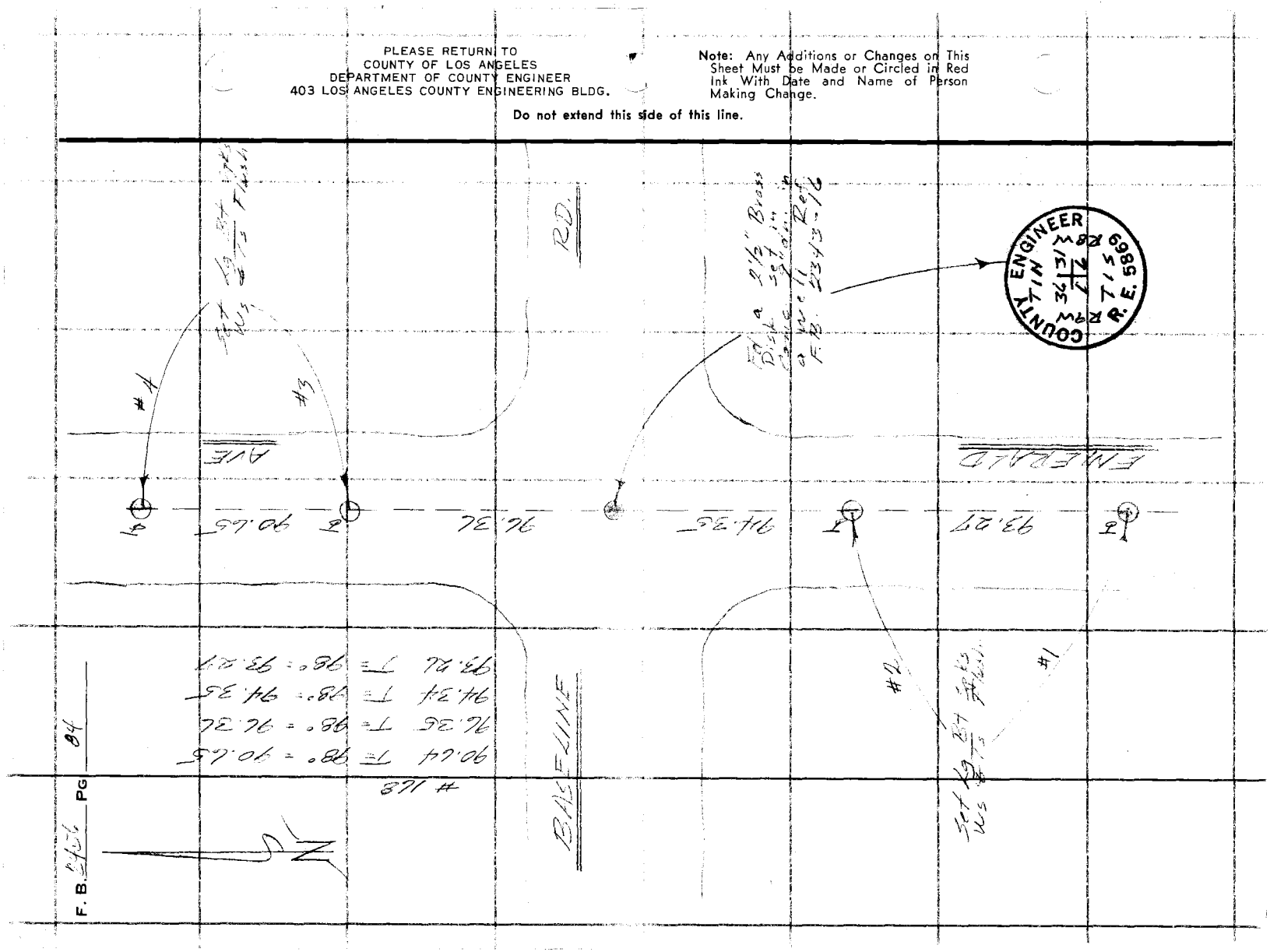

Notes Ck'd by	Survey of Street & Ties
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 8 June 77
Date	Indexed

F. B. 2458 PG. 85

S N 0303.00

STREET &

TIES

of

BASELINE RD.

and

WEBB CANYON RD.

FE Brooks
AL Cobb
RD Smith
S Mabry

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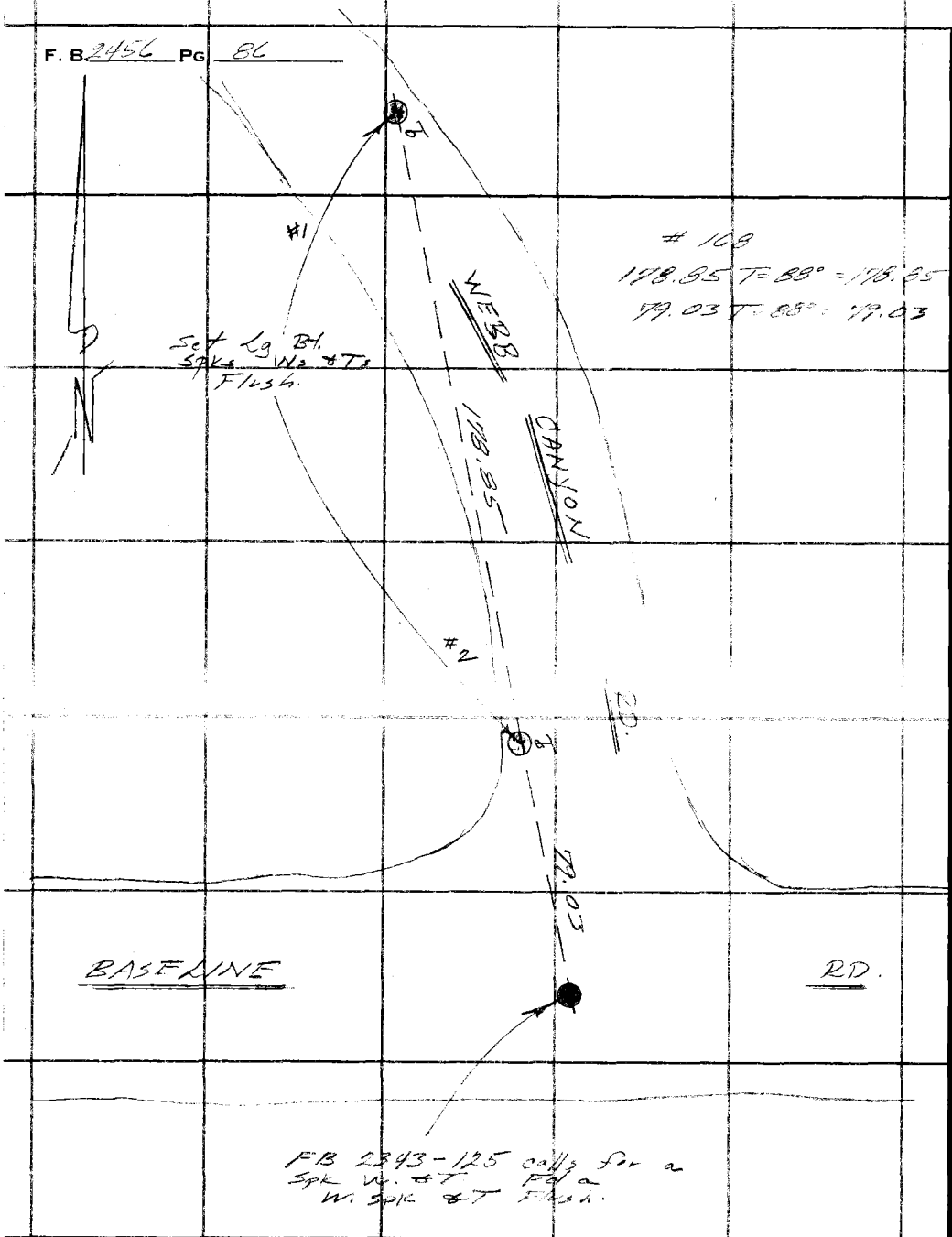
16F309S CE#310 3-69

F. B. 2456 PG 86



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Notes Ck'd by	Survey of Street & Tie	F. B. 2456	Pg. 87
Map No.	JN 0303.00 Tape	Std	°F
Office Work	Surveyed by FF Brooks		
Checked	Notes FFB	Date 8 Sept 73	
Date	Indexed		

JN 0303.00

STREET &

TIES

at

BASE LINE RD

&

RHODELIA AVE.

FE Brooks
AL Gobb
RD Smith
J McCoy

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F. B. 2456 PG 88

Notes Ck'd by	Survey of STREET & TIES
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F E B Date 8 Sept 73
Date	Indexed

F. B. 2456 PG. 89

SN 0303.00

STREET & TIES

at

BASELINE RD

and

ROCKMONT AVE

F E Brooks
Al Robb
RD Smith
S M Coy

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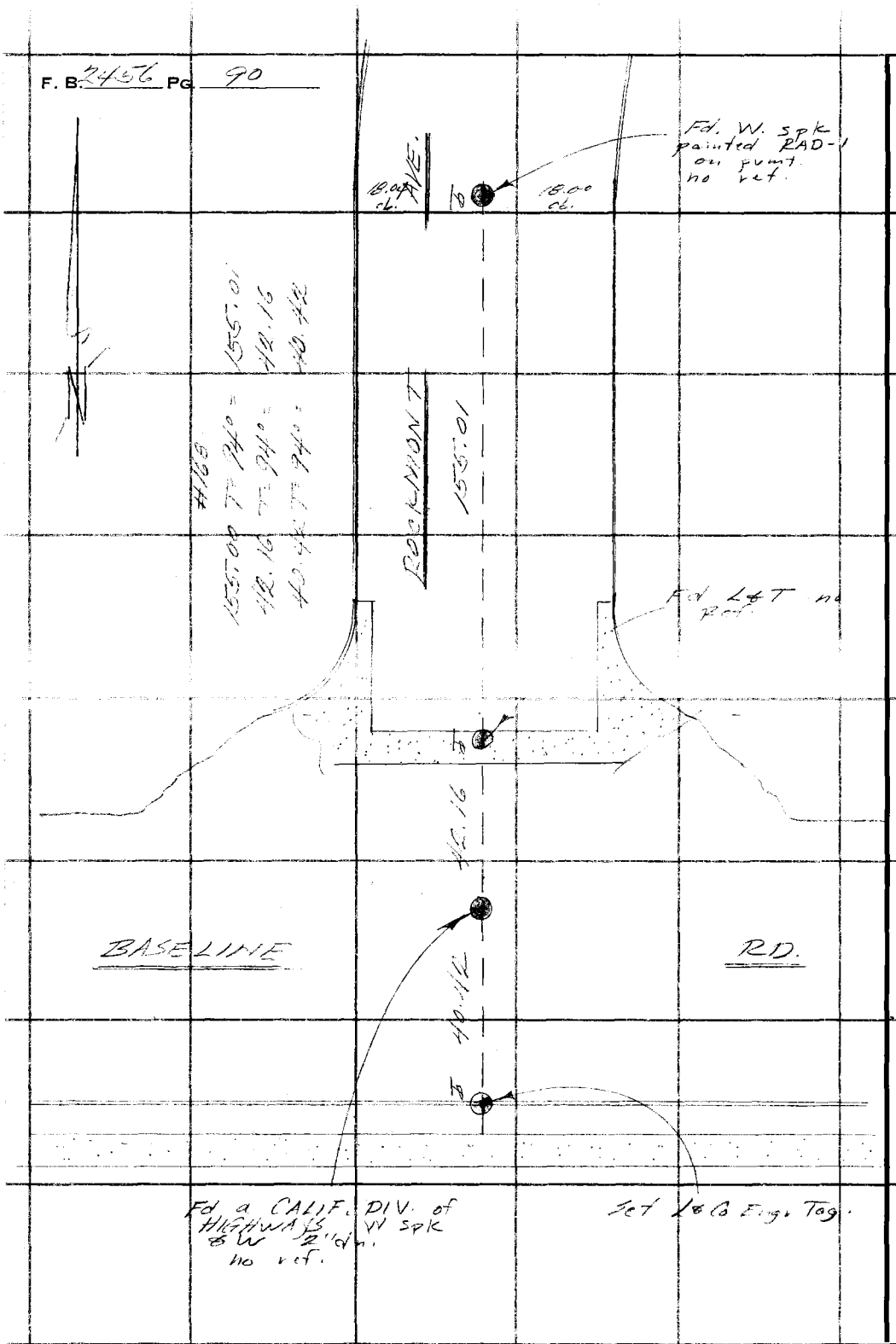
76F309s CE#310 3-69

F. B. 2456 PG. 90



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Notes Ck'd by	Survey of STREET ℄ TIES
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 8 June '73
Date	Indexed

F. B. 2456 PG. 91

SN 0303.00

STREET ℄ TIES

at

BASELINE RD

and

BONNIE BRAE AVE.

FE Brooks
AL Goble
RD Smith
S McCoy.

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76F309S CE#310 3-69

F. B. 2456 PG. 92

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Notes Ck'd by	Survey of STREET ℄ TIES
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FE B Date 8 Jun 73
Date	Indexed

F. B. 2456 Pg. 93

JN 0303.00

STREET ℄ TIES

at

BASELINE RD

and

BONNIE BRAE AVE.

FE Brooks
AL Goble
RD smith
J McCoy.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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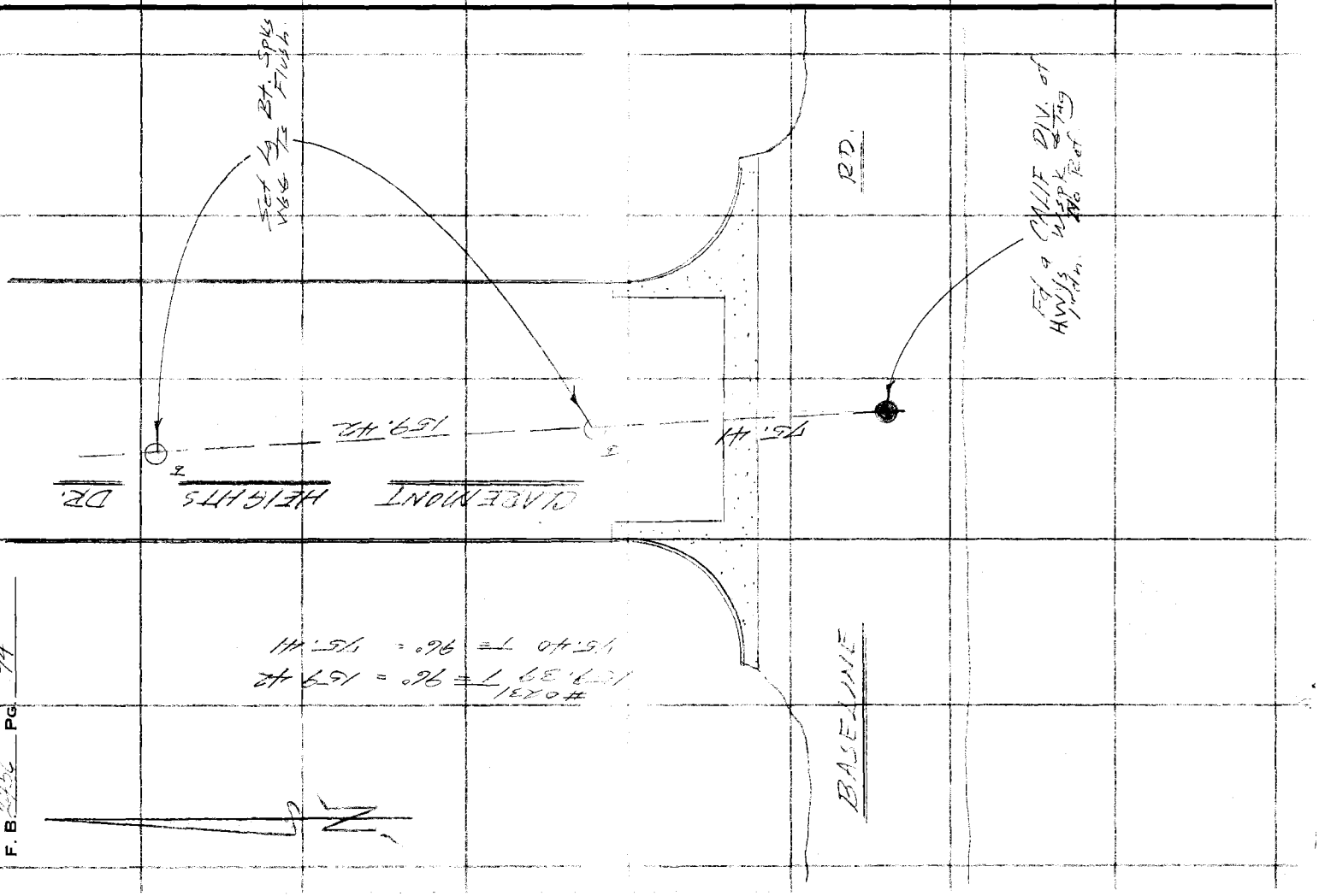

Notes Ck'd by	Survey of STREET & TIES
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FE B Date 3 Sept 93
Date	Indexed

F. B. 4456 Pg. 95

SN 0303.00

STREET & TIES

on

LEADORA AVE.

at

HOOK CANYON CHANNEL

FE Brooks
AL Gable
RA Moore
R Krohn

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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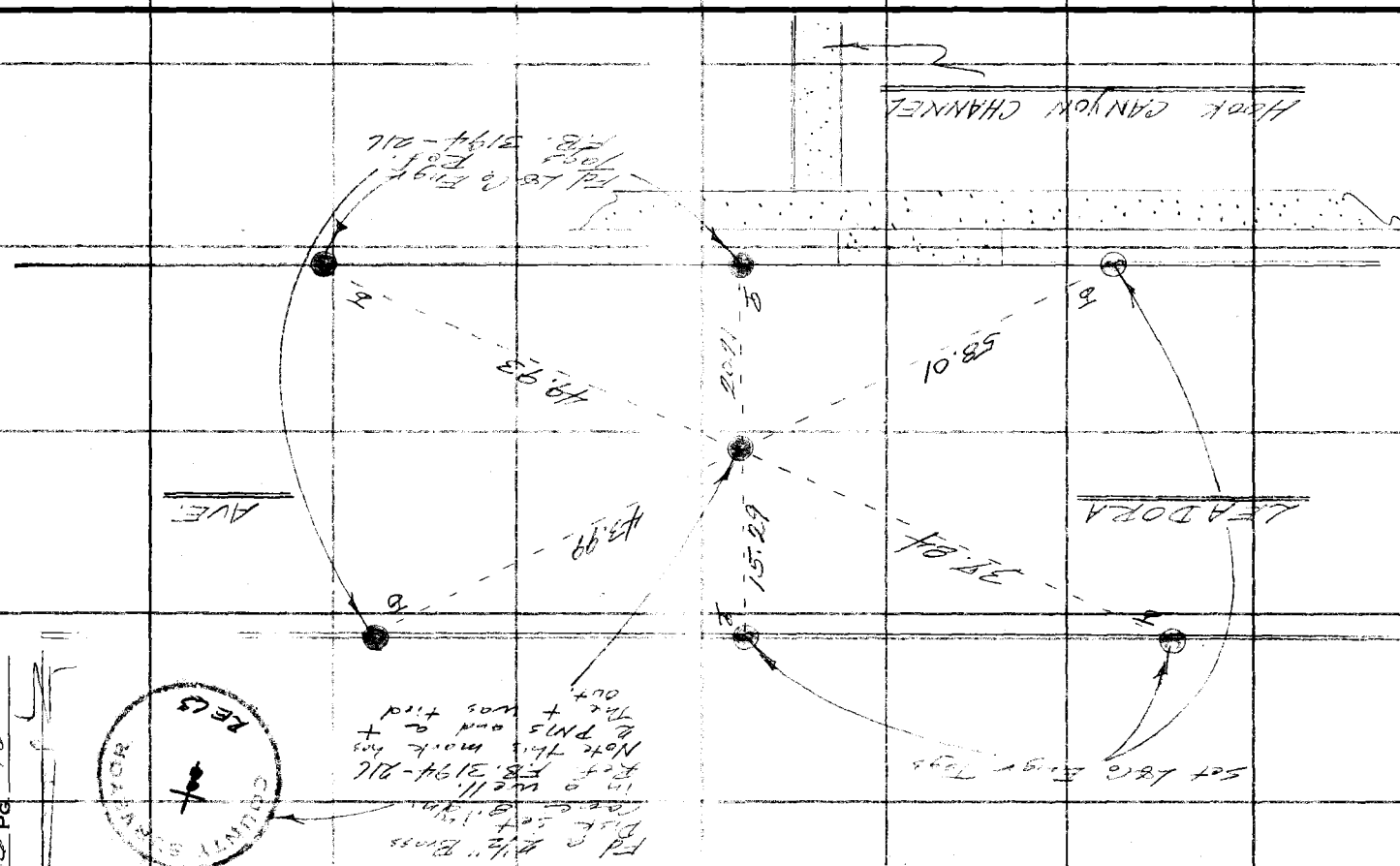

F. B. 2456 PG. 96

Notes Ck'd by	Survey of STREET & TIES
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 3 Jul 73
Date	Indexed

F. B. 2456 Pg. 97

S.N. 0303.00

STREET & TIES

at

LEADORA AVE

and

BARRANCA AVE.

FE Brooks
A L Goble
RA Moore
R Krohn.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

26F309S CE#310 3-69

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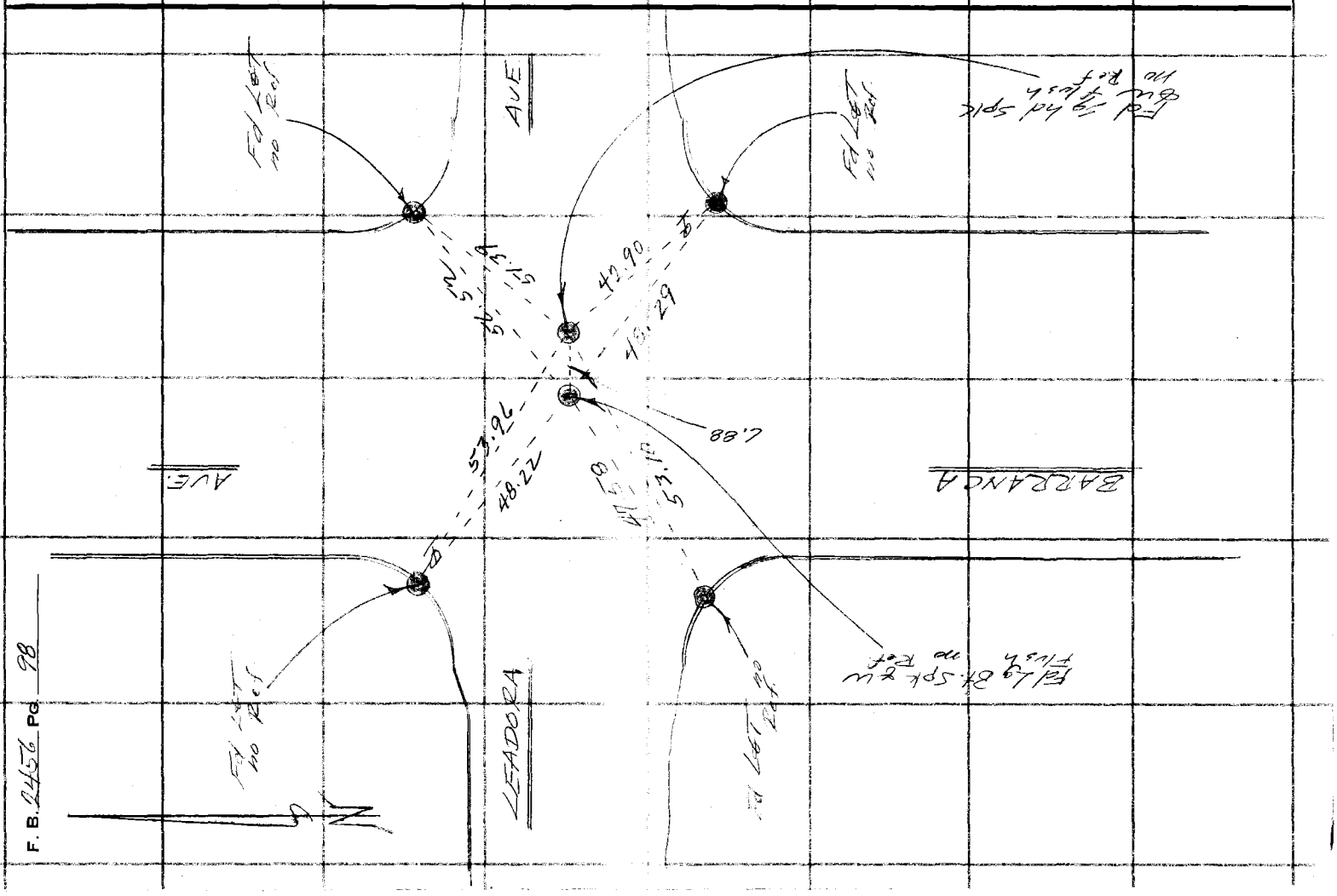

F. B. 24576 Pg. 98

Notes Ck'd by	Survey of STREET & TIES
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 10/30/78
Date	Indexed

F. B. 2456 PG. 99

SN 0303.00

STREET & TIES

on

LEADORA AVE

between

YUCCA RIDGE WAY

and

BALDY VISTA DR.

FE Brooks
AL Goble
RA Moore
R Krohn.

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76F309S CE#310 3-69

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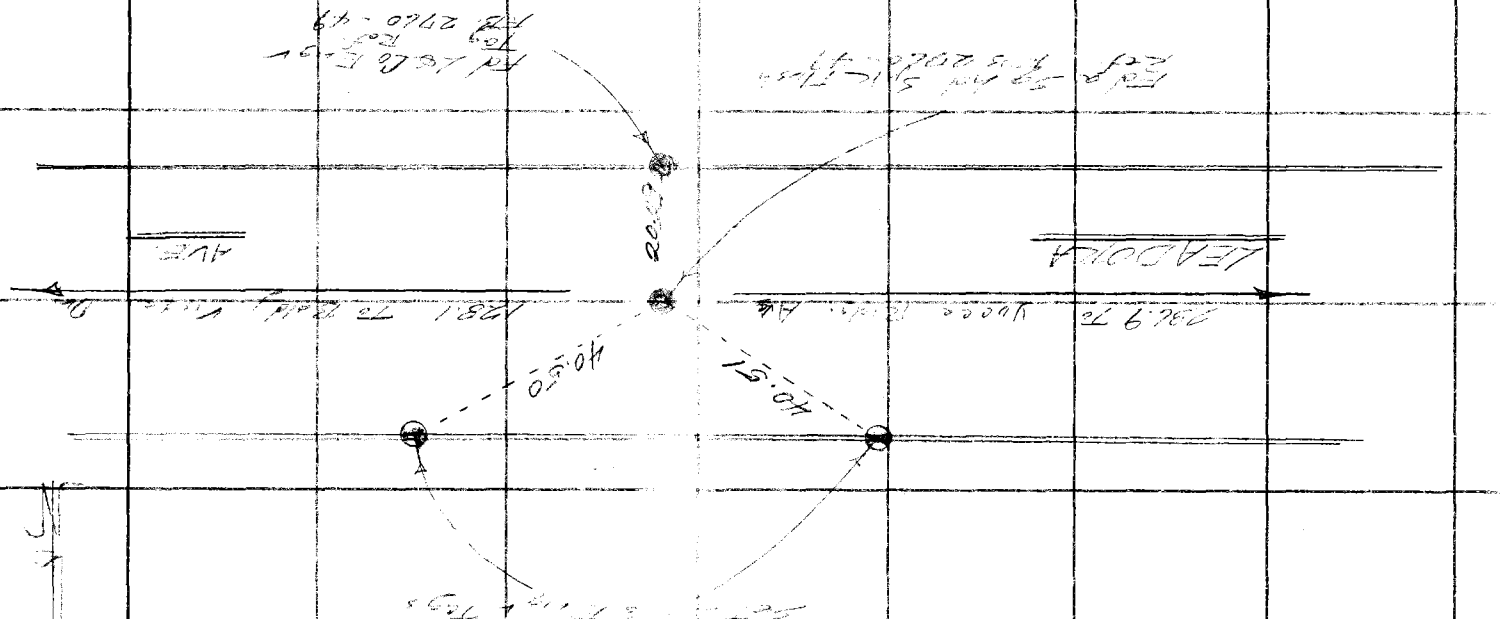

F. B. 9456 PG. 100

Notes Ck'd by	Survey of STREET ℄ TIES	F. B. 2456 PG. 101
Map No.	JN 0303.00 Tape Std °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes FEB Date 17 July 73	
Date	Indexed	

JN 0303.00

STREET ℄ TIES

at

SIERRA MADRE AVE

and

AZUSA CITY LIMITS

FE Brooks
AL Goble
RA Nioore
J McCoy
R Krahn

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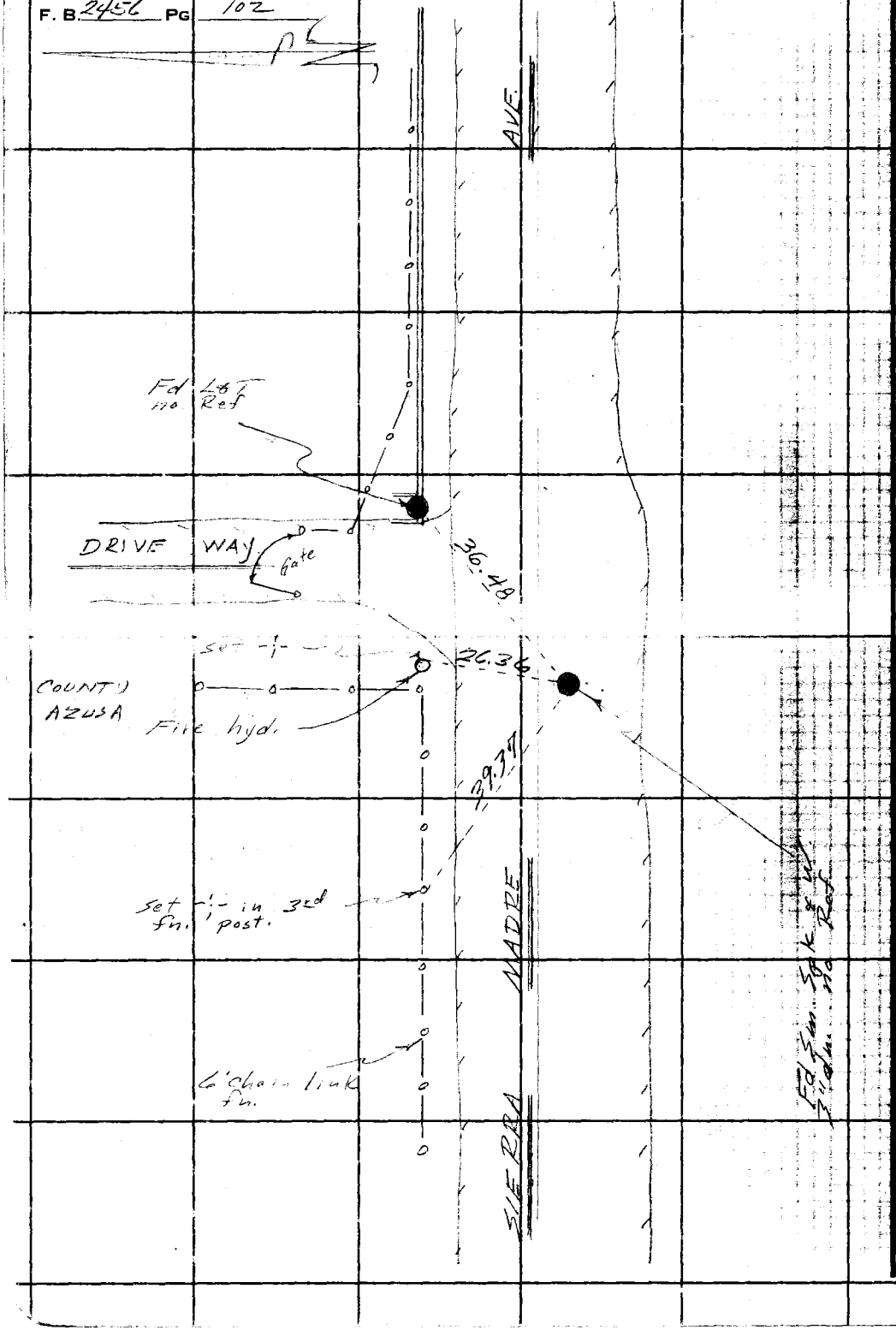
76E3095 CE #31 6-62

F. B. 2456 PG 102



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Notes Ck'd by	Survey of STREET ℄ TIES
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 17 Sept 73
Date	Indexed

F. B. 2456 PG. 103

JN 0303.00

STREET ℄ TIES

on

SIERRA MADRE AVE.

and

AZUSA CITY LIMITS

FE Brooks
AL Goble
RA Moore
J McCoy
R Krahn.

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76F309S CE #310 6-63

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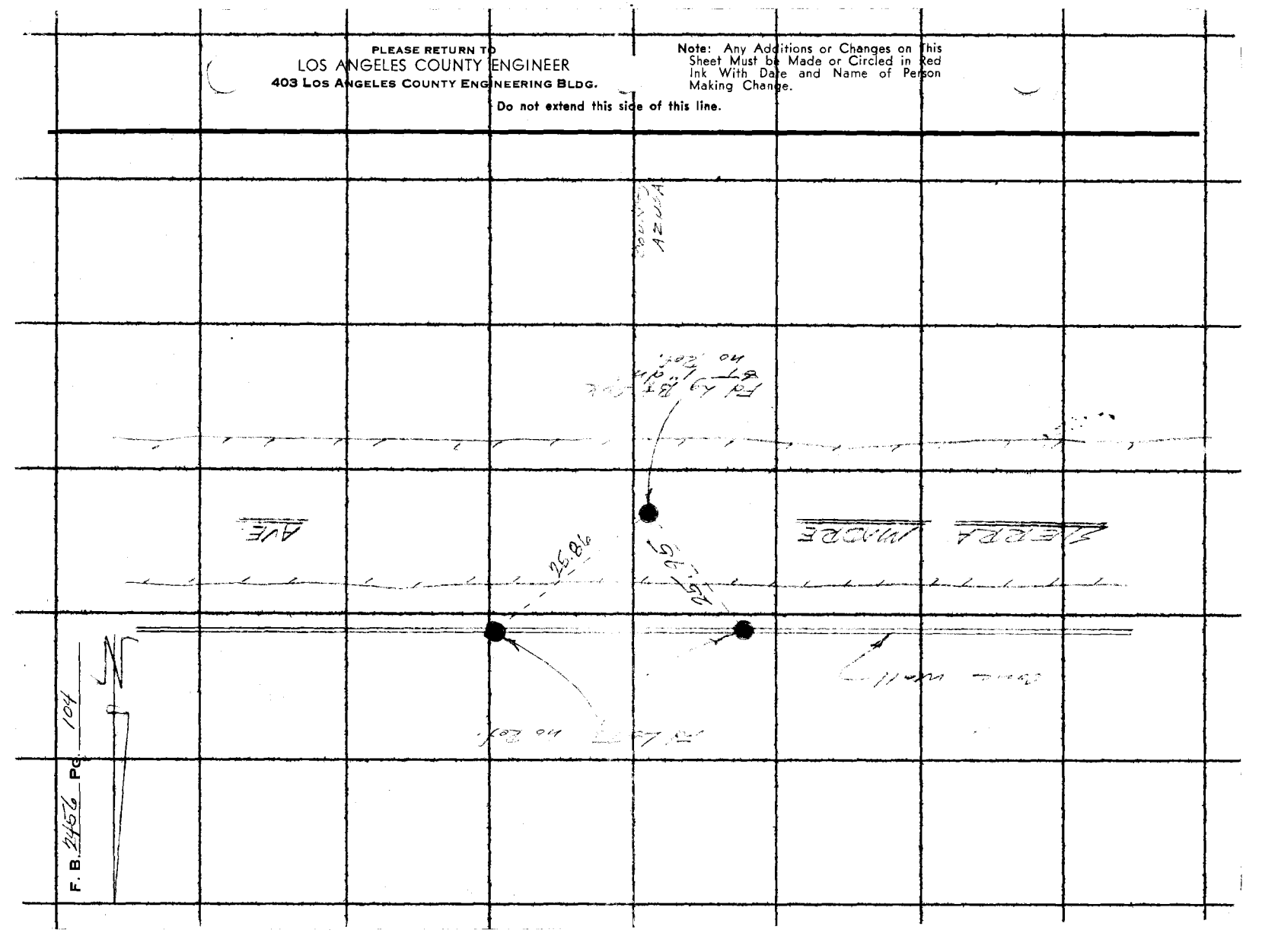

Notes Ck'd by	Survey of STREET & TIES
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FE B Date 12/4/78
Date	Indexed

F. B. 2456 PG. 105

JN 0303.00

STREET & TIES

on

SIERRA MADRE AVE.

near

ENTRANCE TO

MONROVIA NURSERY

DIV II

FE Brooks
AL Goble
RA Moore
S McCoy
R Krahn

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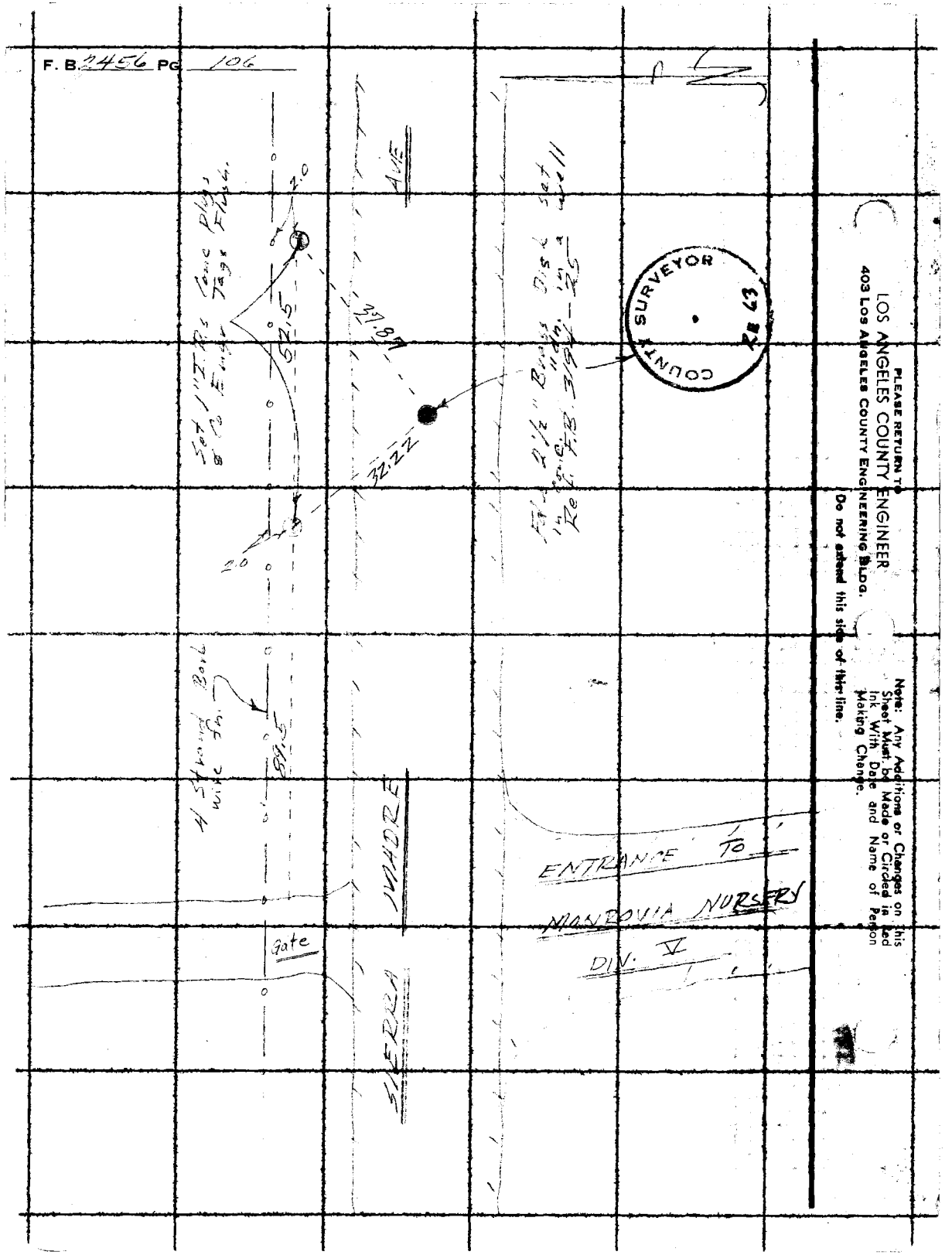
76F3095 CE #310 6-63

F. B. 2456 PG 106



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