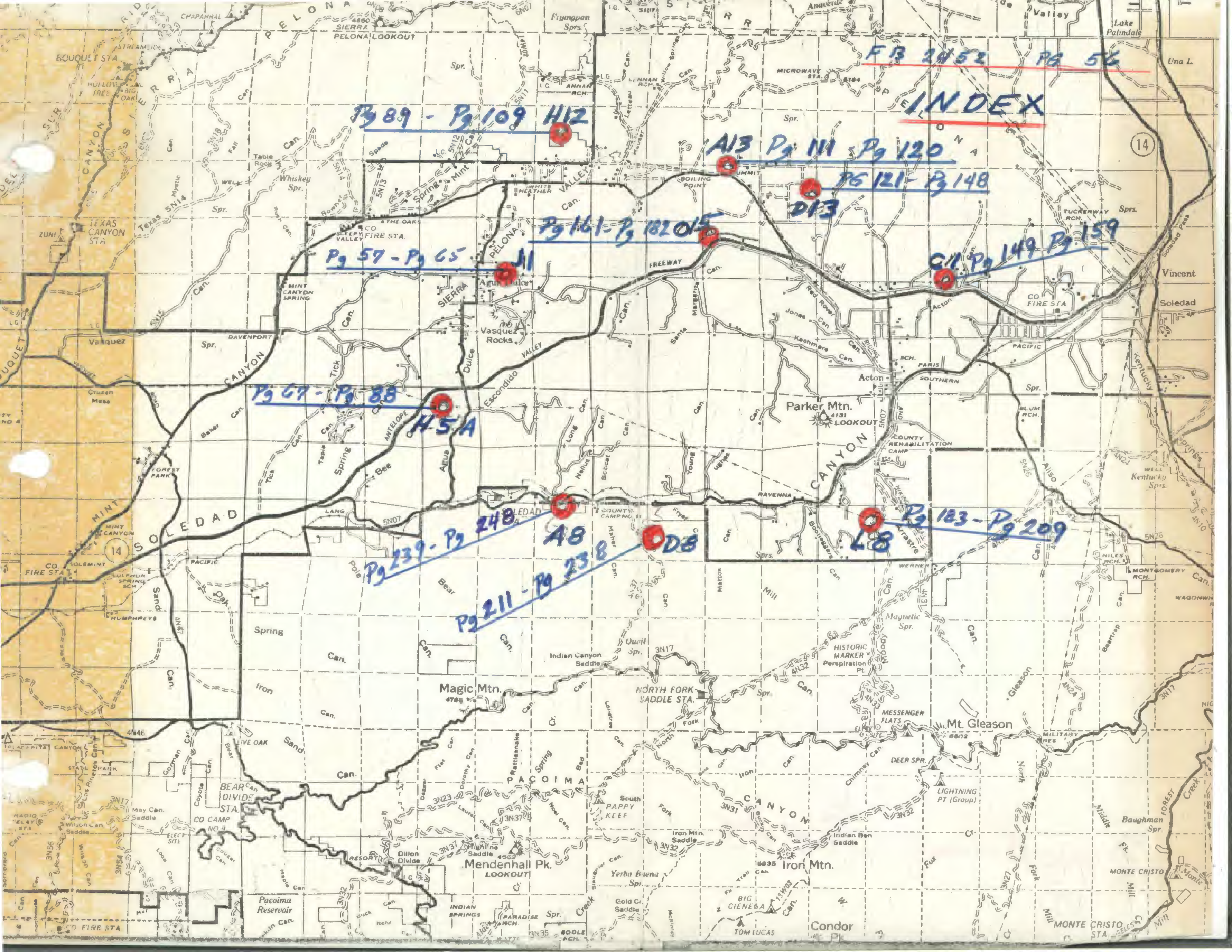
INDEX
F13 2H52 PG 56
Pg 89 - Pg 109 H12
A13 Pg 111 Pg 120
PG 121 - Pg 148 D13
Pg 161 - Pg 182 O15
Pg 57 - Pg 65 J1
C11 Pg 149 Pg 159
Pg 67 - Pg 88 H5A
Pg 239 - Pg 248 A8
Pg 211 - Pg 238 D8
Pg 183 - Pg 209 L8
PELONA LOOKOUT
BOUQUET STA.
TEXAS CANYON STA
SIERRA
PELONA
Vasquez Rocks
SOLEDAD
CANYON
Acton
Parker Mtn.
LOOKOUT
Vincent
Soledad
Lake Palmdale
Una L.
MICROWAVE STA.
BOILING POINT
SUMMIT
CO FIRE STA
COUNTY REHABILITATION CAMP
Magic Mtn.
NORTH FORK SADDLE STA.
Mt. Gleason
MESSENGER FLATS
DEER SPR.
PACOIMA
CANYON
Mendenhall Pk.
LOOKOUT
Iron Mtn.
Condor
Pacoima Reservoir
MONTE CRISTO STA.
BEAR DIVIDE STA.
CO CAMP NO 9
Indian Canyon Saddle
Agua Dulce
Escondido
ANTELOPE
VALLEY
FREEWAY
PACIFIC
SOUTHERN

Notes Ck'd by	Survey of [illegible]
Map No.	JN [illegible] Tape Std "F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date [illegible]
Date	Indexed 3-27-60

F. B. 2452 PG. 5

PRESERVATION OF GEODETIC CONTROL IN THE PUENTE - COVINA AREA

MARCH - 1960

JAY
BOZEN
SMITH R. D.
GOODWIN
McKNIGHT

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

Do not extend this side of this line.

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

F. B. 2452 PG 6

INDEX

STATION		LOCALITY	PAGE
PUENTE	G-2	BADILLO ST. & PUENTE AV.	9
"	H-2	" " & ORANGE AV.	11
"	L-1	CYPRESS AV. & ELSPETH WAY.	13

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Notes Ck'd by	Survey of [illegible]
Map No.	JN [illegible] Tape Std "F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. [illegible] PG. 7

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76F395 S&E #247 11-58

F. B. 2152 PG 8

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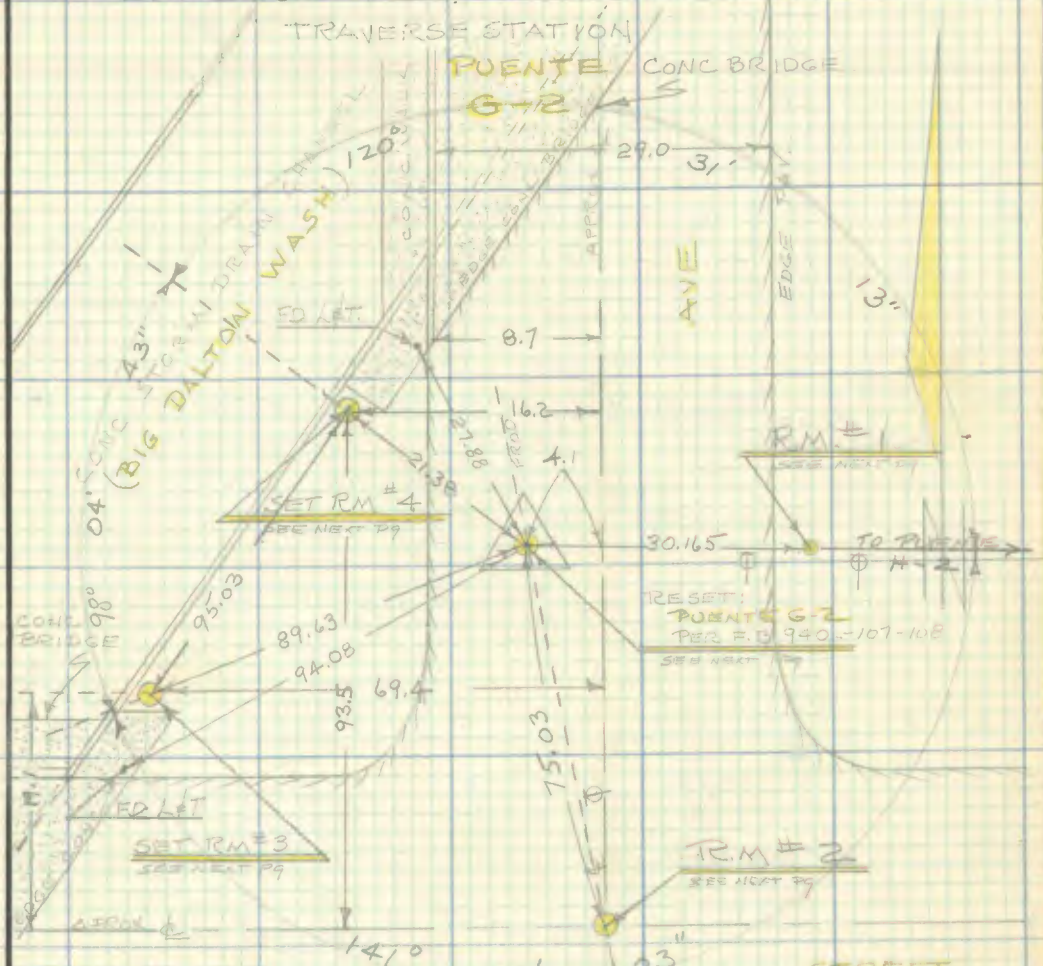
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN [illegible] Tape 094 Std 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date [illegible]
Date	Indexed [illegible]

F. B. 2452 PG. 9

LA COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION



1	141°	24'	10"	1.	120	31	20	1.	98°	04'	40"
4	205	36	10	4	122	05	00	4.	32	19	00
=	141	24	02 1/2	=	120	31	15	=	98	04	45
6	128	24	20	6	03	07	20	6.	228	28	20
=	141	24	03 1/3	=	120	31	13 1/3	=	98	04	43 1/3

LEVEL @ 60° T

21.38 = NO CORR
27.88 = "
89.63 = "
94.08 = "
95.03 = "

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76F309S S&E #247 11-58

F. B. 2452 Pg. 9

DESCRIPTIONS
TRAVERSE
PUENTE
G-2

THIS STATION IS IN L.A. COUNTY IN THE BALDWIN PARK AREA 75.03 FT NORTHERLY OF THE INTERSECTION OF BADILLO ST & PUENTE AVE. ON THE ℄ OF PUENTE AVE PRODUCED IN A WELL & PROTECTED BY A CAST IRON COVER MARKED "COUNTY ENGINEER"

STATION MARK: RESET PER F.B. 940-107-108 A STD 4" BRASS TRAVERSE CAP IN CONC. DN 10 INCHES AND STAMPED PUENTE G-2 RESET 1960 L.A. CO. ENGR. R.E. 5869

REFERENCE MARK NO 1 FD 3/4 I.P. & TAG SET IN CONC. DN. 12 INCHES

REFERENCE MARK NO 2 FD BOLT SOK & WASHER ON SURFACE. ℄ & INTERSECTION

REFERENCE MARK NO 3. SET STD 4" BRASS REF CAP IN CONC FLUSH AND STAMPED PUENTE G-2 R.M. NO 3 1960 L.A. CO. ENGR. RE 5869

REFERENCE MARK NO 4. SET: SAME AS R.M. NO 3. EXCEPT STAMPED R.M. NO 4.

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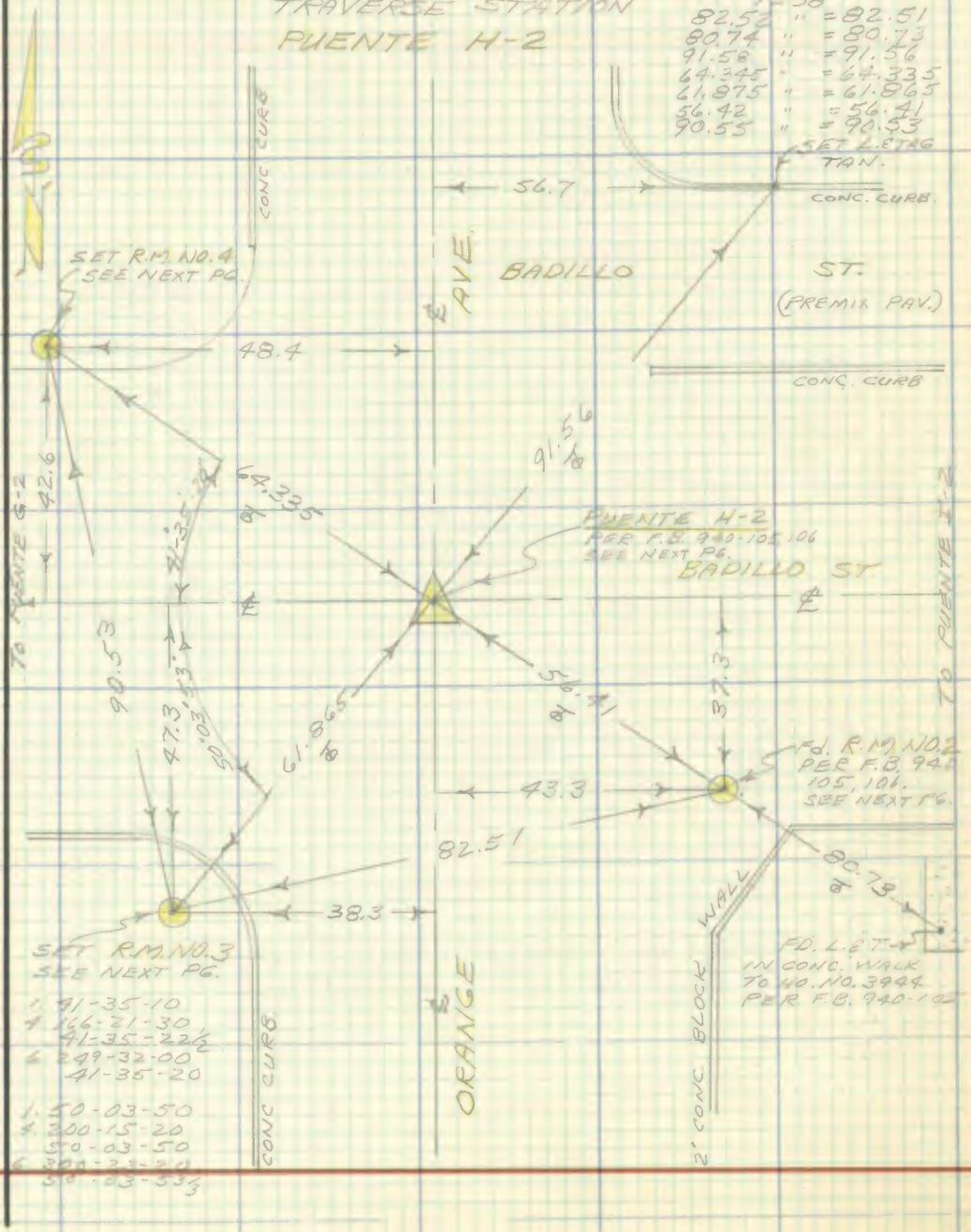
Notes Ck'd by	Survey of GEODETIC CONT.
Map No.	JN C301.00 Tape 144 Std 83 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J. J. BARTEN Date 3-1-60
Date	Indexed

F. B. 2452 Pg. 11

L.A COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

PUENTE H-2



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700 Los Angeles County Engineering Bldg.

76F3995 S&E #247 11-58

F. B. 2452 PG 12

~ DESCRIPTIONS ~

TRAVERSE STATION
PUENTE H-2

THIS STATION IS IN L.A COUNTY, IN THE BALDWIN PARK AREA @ THE ℄ INTERSECTION OF BADILLO ST. & ORANGE AVE AND IN A WELL CUT THROUGH THE PAVMENT AND PROTECTED BY A CAST IRON COVER MARKED, "COUNTY SURVEYOR MONUMENT."

STATION MARK: FD. PER F.B. 940-105, 106. A STD. CO. SUR. MONUMENT INSCRIBED "COUNTY SURVEYOR" AND STAMPED "R.E.63", SET IN CONC. 8" BELOW STREET GRADE.
NOTE: THIS STATION IS NOW STAMPED "H-2 R.E. 63."

REFERENCE MARKS: R.M. NO. 1 DESTROYED.
R.M. NO. 2 FD. A STD. 4" BRASS CAP REF. MON. SET IN CONC. 30" BELOW CURB GRADE & STAMPED "PUENTE H-2, NO 2 1954, R.E. 63. FD. PER. F.B. 940-105, 106.

R.M. NO. 3. SET A STD. 4" BRASS CAP REF. MON. IN CONC 10" BELOW CURB GRADE & IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY ENGINEER MONUMENT." THIS STA. IS STAMPED "PUENTE H-2 R.M. NO. 3, 1960, L.A. CO. ENG'R. R.E. 5869."

R.M. NO. 4. SAME AS R.M. NO. 3 EXCEPT STAMPED R.M. NO. 4.

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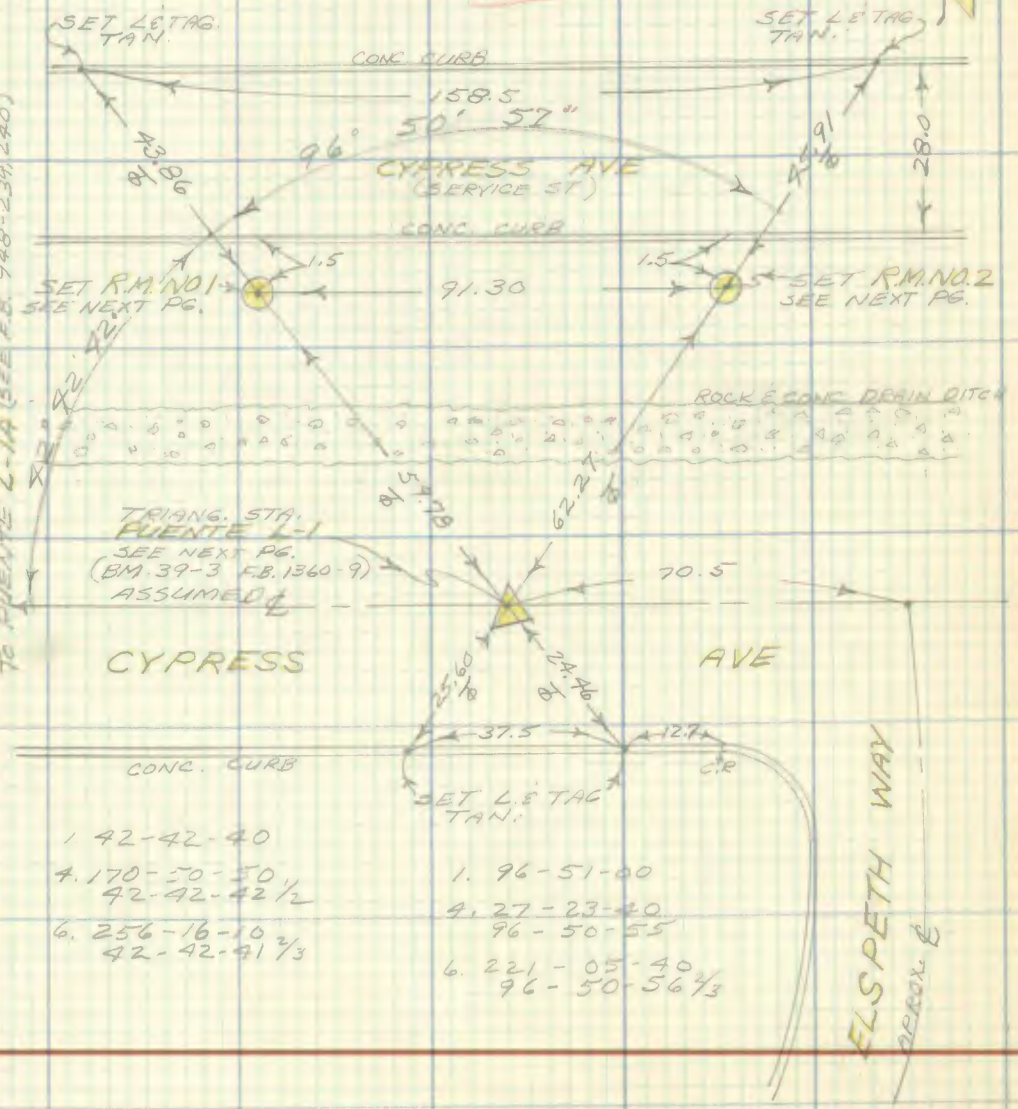
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 144 Sta 84 °F
Office Work	Surveyed by W.B. BAY
Checked	Notes J.J. BAZEN Date 3-10-62
Date	Indexed

F. B. 2452 PG. 13

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
PUENTE L-1

59.78 T=82 = 59.78
62.27 " = 62.27
24.46 " = 24.46
25.60 " = 25.60
91.30 " = 91.30
43.86 " = 43.86
45.91 " = 45.91

Not used



1. 42-42-40
4. 170-50-50 1/2
42-42-42 1/2
6. 256-16-10 2/3
42-42-41 2/3

1. 96-51-00
4. 27-23-40
96-50-55
6. 221-05-40
96-50-56 2/3

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76F3495 S&E #247 11-58

F. B. 2452 PG. 14

— DESCRIPTIONS —
L. A. COUNTY
TRIANGLATION STATION
PUENTE L-1

THIS STATION IS IN THE COUNTY OF LOS ANGELES IN THE COVINA AREA, ON CYPRESS AVE 0.2 MILES E. OF AZUZA AVE. & FT. W. OF ELSPETH WAY, AND IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: FD. A STD. 4" BRASS CAP TRIANG. STA. MON. SET IN CONC. DN. 10" & STAMPED "R.E 2177 PUENTE L-1 1938 COUNTY SURVEYOR." (NO REF.)

REFERENCE MARKS:

R.M. NO. 1: SET A STD. BRASS CAP REF. MON. IN CONC. DN. 5" BELOW CURB GE. & STAMPED "PUENTE L-1, R.M. NO. 1, 1960, L.A. CO. ENG'R. R.E. 5869."

R.M. NO. 2: SAME AS R.M. NO. 1 EXCEPT STAMPED R.M. NO. 2.

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Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 0501.00 Tape 0163 Std 68 °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G.E.D. Date 5-5-61
Date	Indexed H. E. OTT 10 11 61

F. B. 2452 PG. 15

F.B. 948-111 old Sketch

L.A. CO. SURVEY CONTROL SYSTEM TRAVERSE
STATION PUENTE F-10

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76 309S CE #247—3-57

F. B. 2452 PG. 16

TRAVERSE STATION
PUENTE F-10

THIS STATION IS IN L.A. CO., CITY OF INDUSTRY NEAR THE INTERSECTION OF HACIENDA BLVD, VALLEY BLVD, AND SOUTHERN PACIFIC R.R. STATION IS LOCATED 32.3 FT. E. OF ℄ OF HACIENDA BLVD, 10 FT W. OF EAST CURB, 58.8 FT. S.W'LY FROM S'LY RAIL OF S.P. R.R. TRACK.

STATION MARK: — FOUND STD TRAV. STATION MON. 34 INCHES DEEP PER F.B. 943-111. SET A STD TRAV. MON. STAMPED "PUENTE F-10 RESET 1961 L.A. CO. ENGR. R.E. 5869", 8 INCHES DEEP UNDER Pavement Surface CAST IRON COVER, WITH 1 INCH OF SAND BETWEEN MONS

R.M. NO. 1 FOUND STD REF. MON. STAMPED "PUENTE F-10 R.M. NO. 1 1958 L.A. CO. ENGR. R.E. 5869" 24 INCHES DEEP BSL [illegible]

R.M. NO. 2 NOT RECOVERED, UNDER NEW PAV.

R.M. NO. 3 FD. STD. PRECISE B.M. MON. STAMPED "COUNTY ENGINEER B.M. 11-114A 1959 R.E. 5869" FLUSH.

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 0301.00 Tape 088 Std 68 °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date 25 July 1961
Date	Indexed

F. B. 2452 Pg. 17

J.N. 0301.00

GEODETIC CONTROL

Additional Ties on

PUENTE H-2

F.E. Brooks
J.M. Maldonado
R.R. Rodriguez
G.R. Esquer

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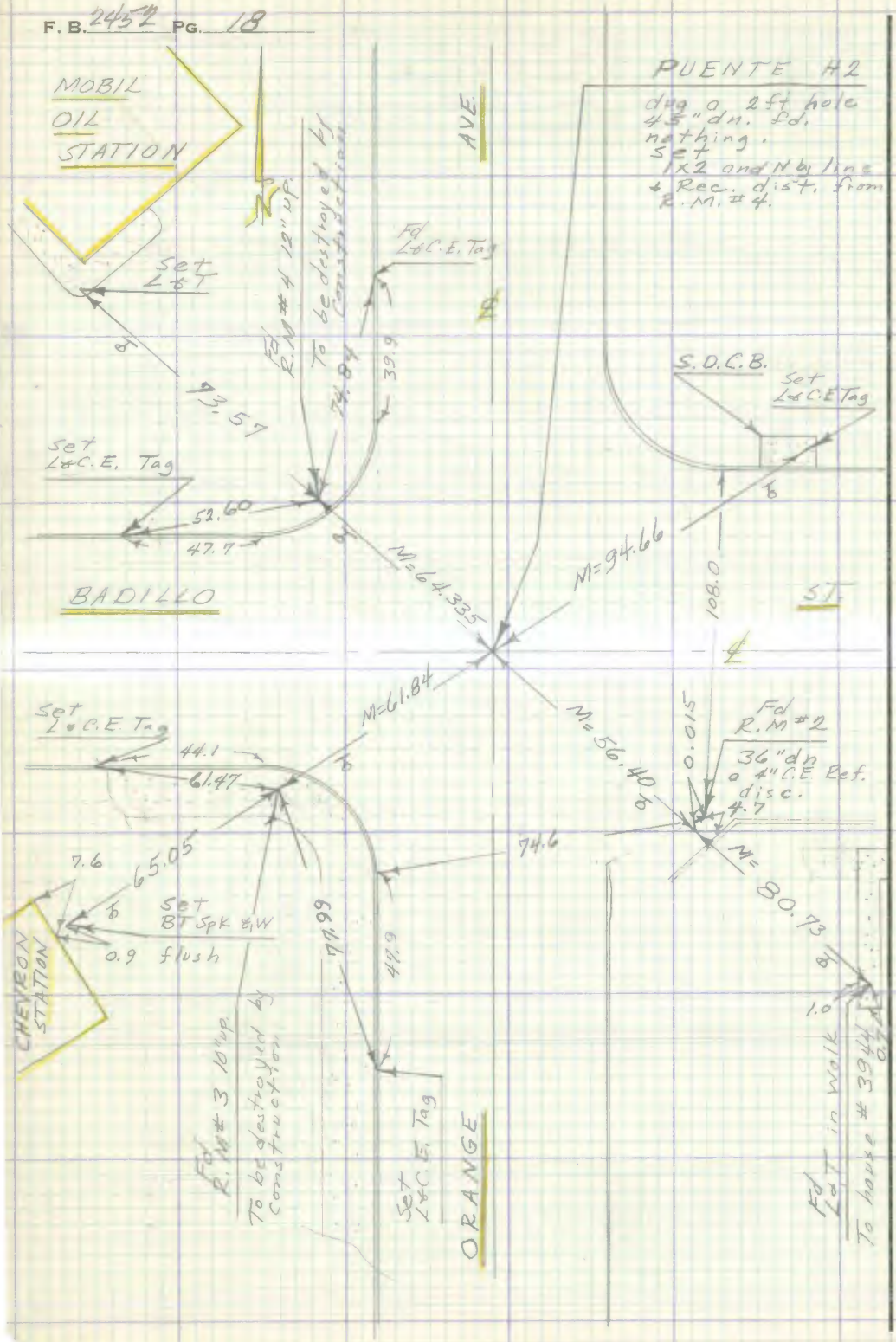
76109S CE #247—7-59

F. B. 2452 PG. 18



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100 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 Date 8-30-65
Date	Indexed C. J. CALLI SEP 30 65

F. B. 2452 PG. 21

CITRUS COLLEGE BASE LINE

JOB NO. 0301.00

DREIER
WILKS
MATHER
McKNIGHT

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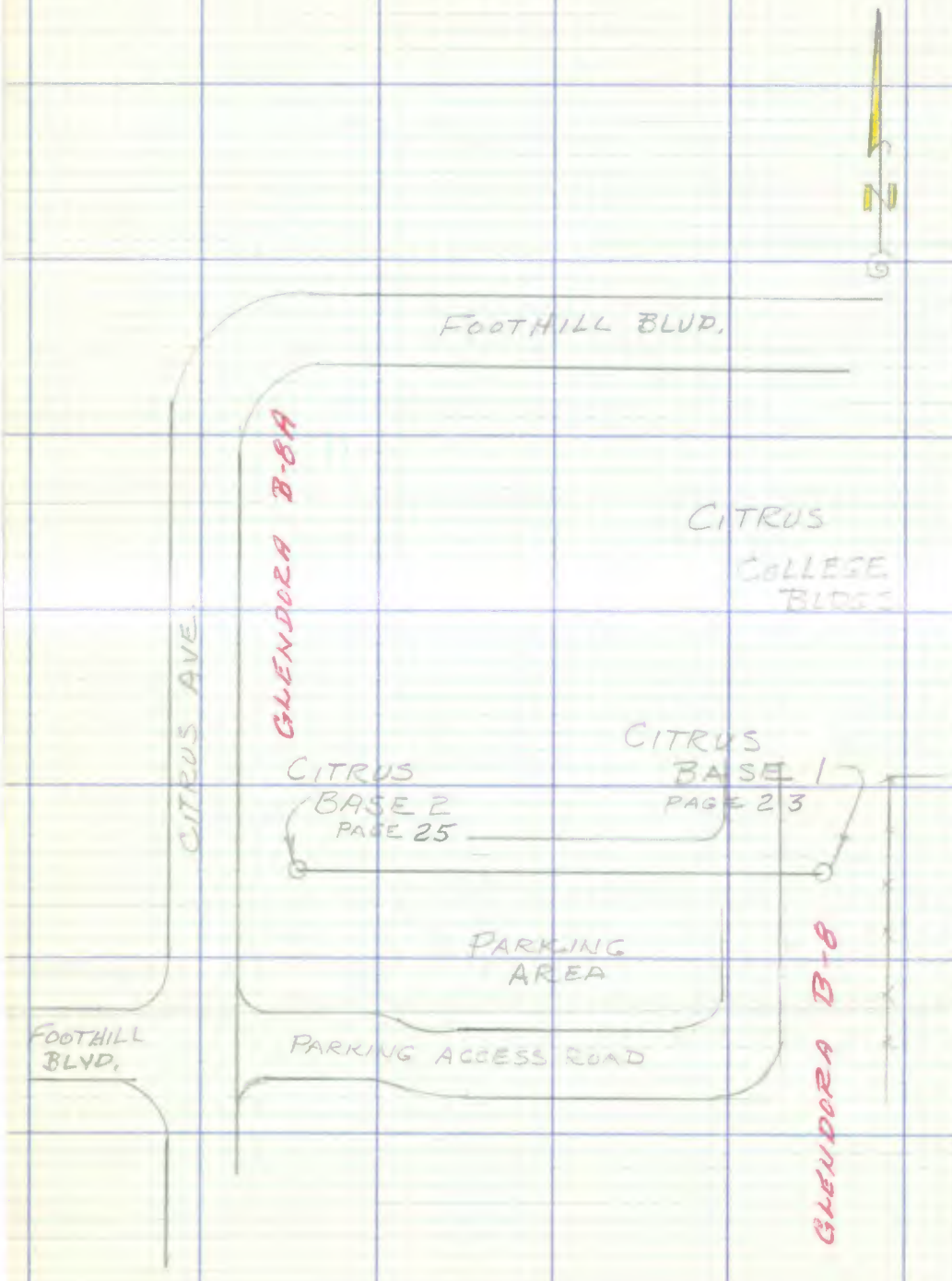
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76 3095 CE # 310 3-61

F. B. 2452 Pg. 22

INDEX



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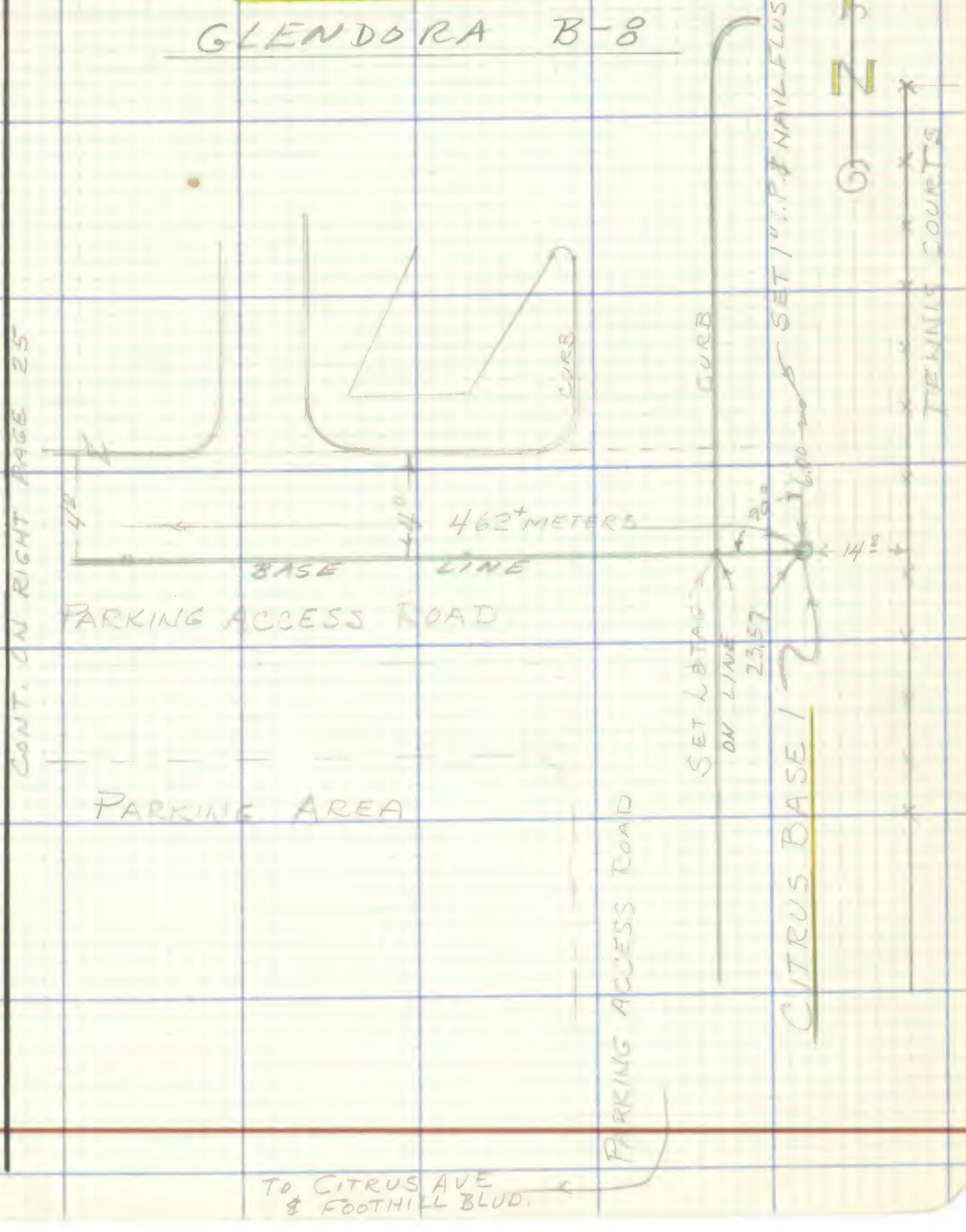
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by G.E. DREVER
Checked	Notes G.E.D. Date 8-30-65
Date	Indexed C. J. GALLI

F. B. 2452 PG. 23

L.A. COUNTY SURVEY CONTROL SYSTEM

CITRUS BASE 1

GLENDORA B-8



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

DESC.

F. B. 2452 PG. 24

CITRUS BASE NO. 1

GLENDORA B-8

THIS STATION IS IN LOS ANGELES COUNTY, GLENDORA AREA, ABOUT 1550 FT. EAST OF CITRUS AVE, AND 185 FT N. OF ELY PROD OF FOOTHILL BLVD., (TO WEST) 23.8 FT. EAST OF EAST CURB, AND 4 FT. SOUTH OF N. CURB AT N. E. COR. OF PARKING AREA AT CITRUS COLLEGE

STATION MARK: SET A 2½" BRASS DISC WITH A SCRIBED "X" IN TOP OF A 2" I.P. WITH A SCREW ON BRASS CAP ~~STAMPED "COUNTY ENGINEER R.E. 5869 CITRUS BASE 1"~~ IN TOP OF A 3 FT X 3 FT X 3 FT [illegible]

NO R.M.S AT THIS TIME.

Note: Not stamped as per recovery by Spriggs 1-24-74

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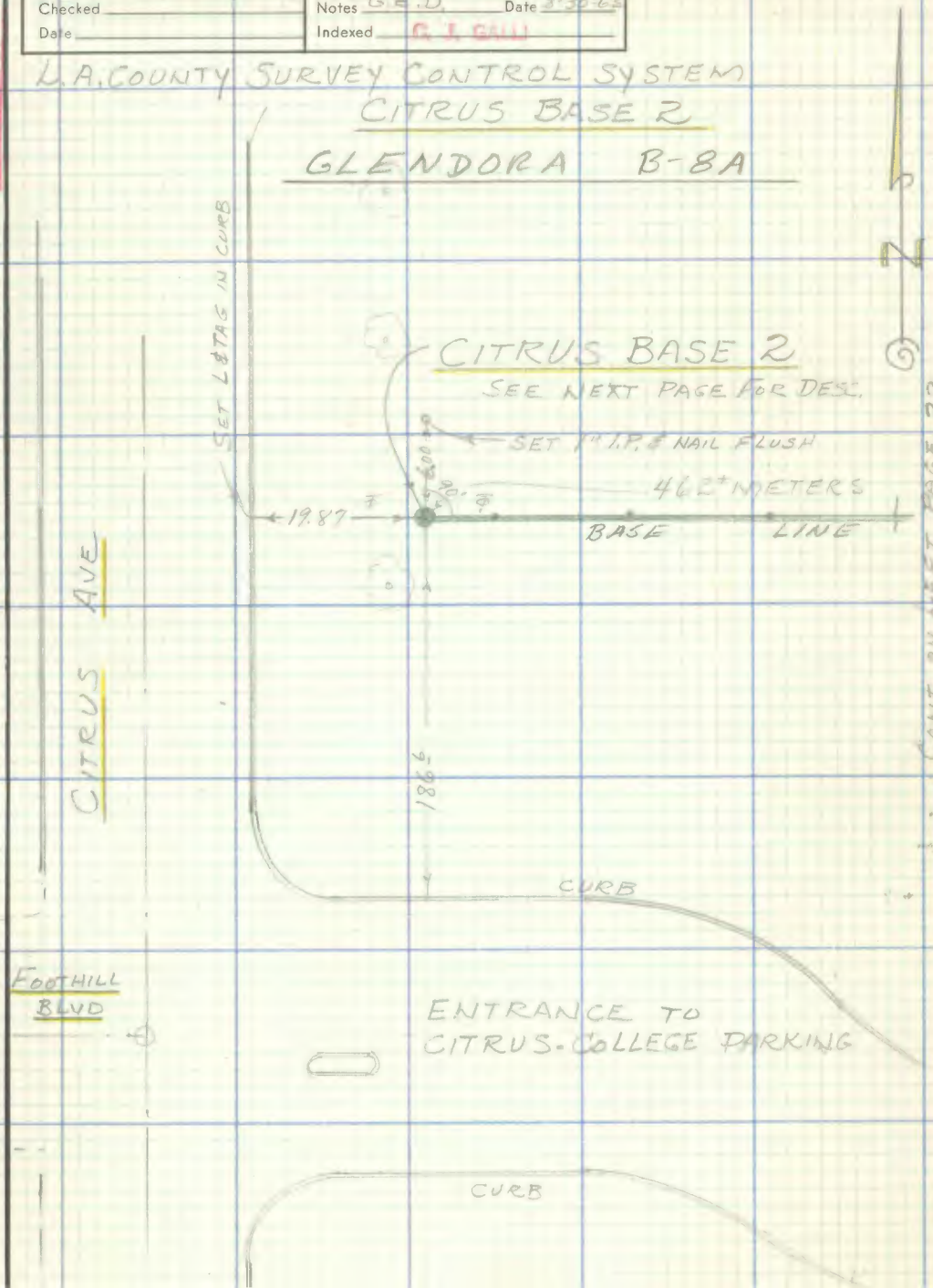
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 8-30-65
Date	Indexed G. J. GALLI

F. B. 2452 PG. 25

L.A. COUNTY SURVEY CONTROL SYSTEM
CITRUS BASE 2
GLENDORA B-8A



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

Citrus Base 2
Gl. B-8A
West End

F 3 1 1 3 8 1 R D

Citrus Base I
GL B-8
East End

F 3 1 1 3 8 1 R D

DESC.

F. B. 2452 PG. 26

CITRUS BASE NO. 2
GLENDORA B-8A

THIS STATION IS IN LOS ANGELES COUNTY, GLENDORA AREA, AT N.E. CORNER OF CITRUS AVE. AND FOOTHILL BLVD., TO WEST, 186 6/10 FT. NORTH OF NORTH CURB OF ENTRANCE TO CITRUS COLLEGE PARKING AREA AND 20 FT. EAST OF EAST CURB OF CITRUS AVE.

STATION MARK: SET A 2 1/8" BRASS DISC WITH A SCRIBED "X" IN TOP OF A 2" I.P. WITH A SCREW ON BRASS CAP ~~STAMPED "COUNTY ENGINEER R.E. 5869 CITRUS BASE 2"~~ IN TOP OF A 12 INCH CONC POST FLUSH, WITH A 3 FT X 3 FT X 3 1/2 FT CONC. BASE.

NO R.M.'S AT THIS TIME.

Note: Not stamped per recovery by Spriggs 1-24-74.

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Notes Ck'd by	Survey of GEODETIC CONTROL F. B. 2452 PG. 29
Map No.	JN 0301.00 Tape Std 84 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 10-4-65
Date	Indexed G. J. GALLI OCT 5 '65

JOB NO. 0301.00

GEODETIC CONTROL

TRAVERSE ACROSS CHANNEL
N. OF PONTOON BRIDGE TO
TERMINAL ISLAND

DREIER
WILKS
MATHER
GOODWIN
MCKNIGHT

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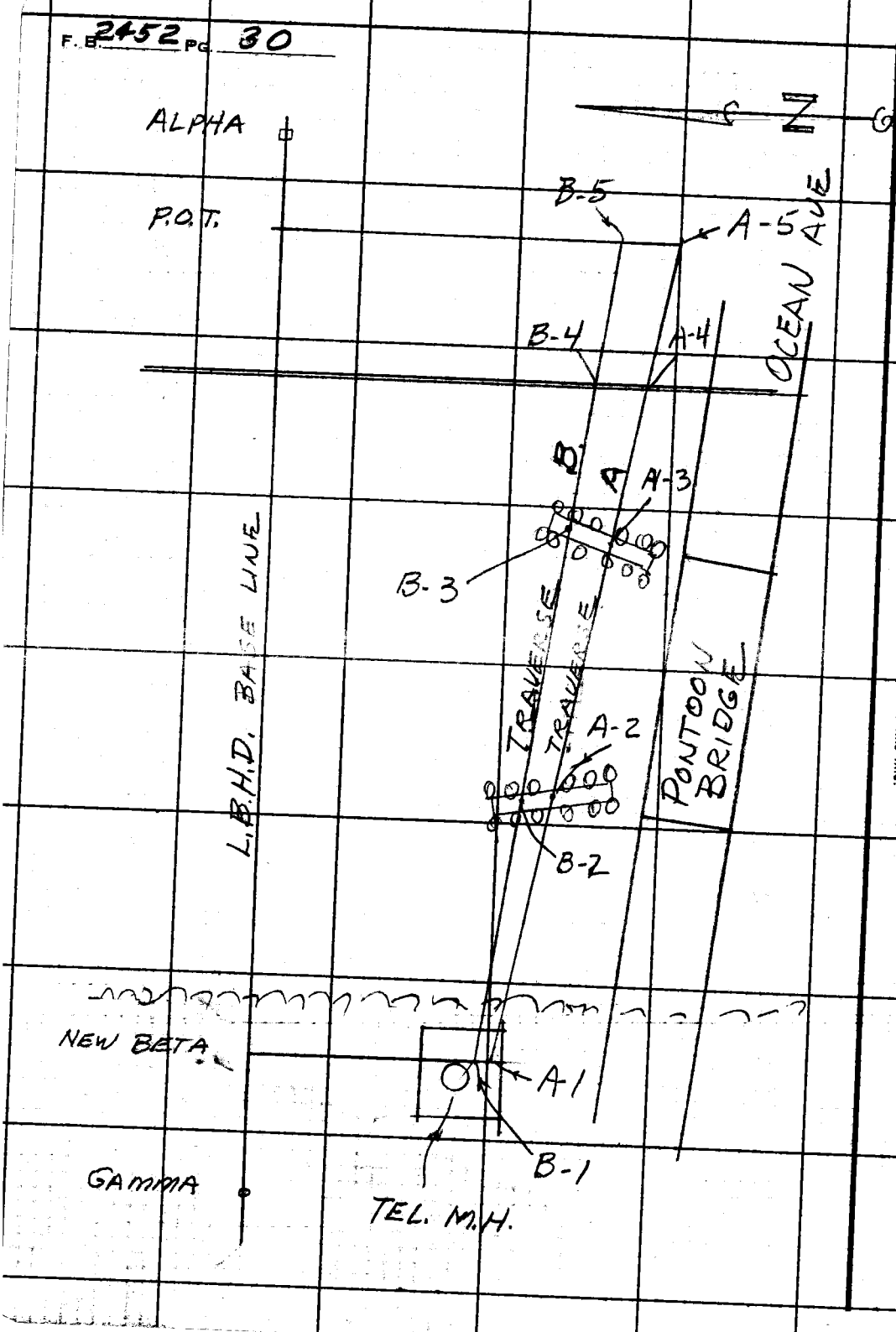
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F300 CE #310 6-63

F. B. 2452 PG. 30



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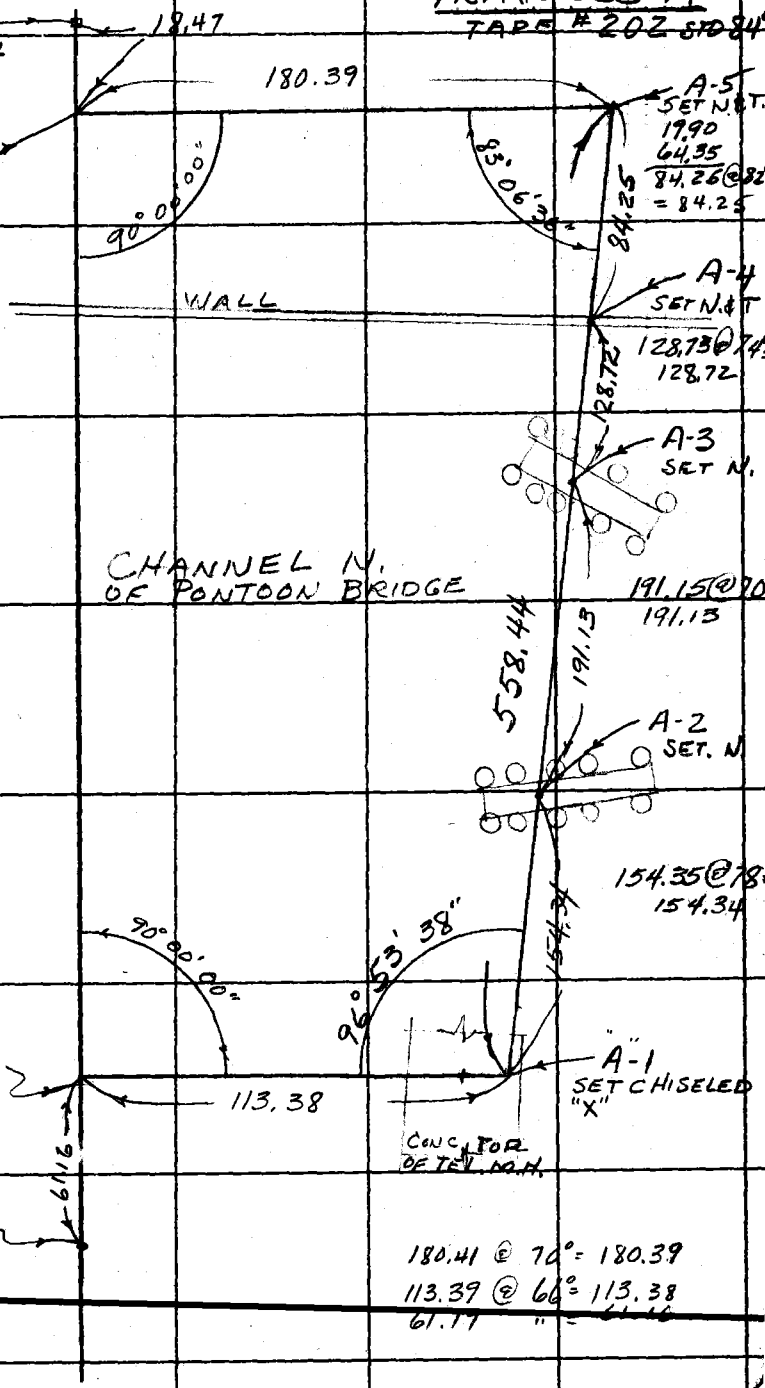
L.B.N.D. BASE

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 202 Std 84° °F
Office Work	Surveyed by DREIER
Checked	Notes DREIER Date 10-4-65
Date	Indexed D. J. GALLI

F. B. 2452 PG. 31

TRAVERSE "A"
TAPE #202 STD 84°



1. 85 06 40
4. 332 26 20
83 06 35
6. 138 39 40
83 06 36⅔

84.25
128.72
191.13
154.34
558.44

1. 96 53 40
4. 27 34 30
96 53 37½
6. 221 21 50
96 53 38⅔

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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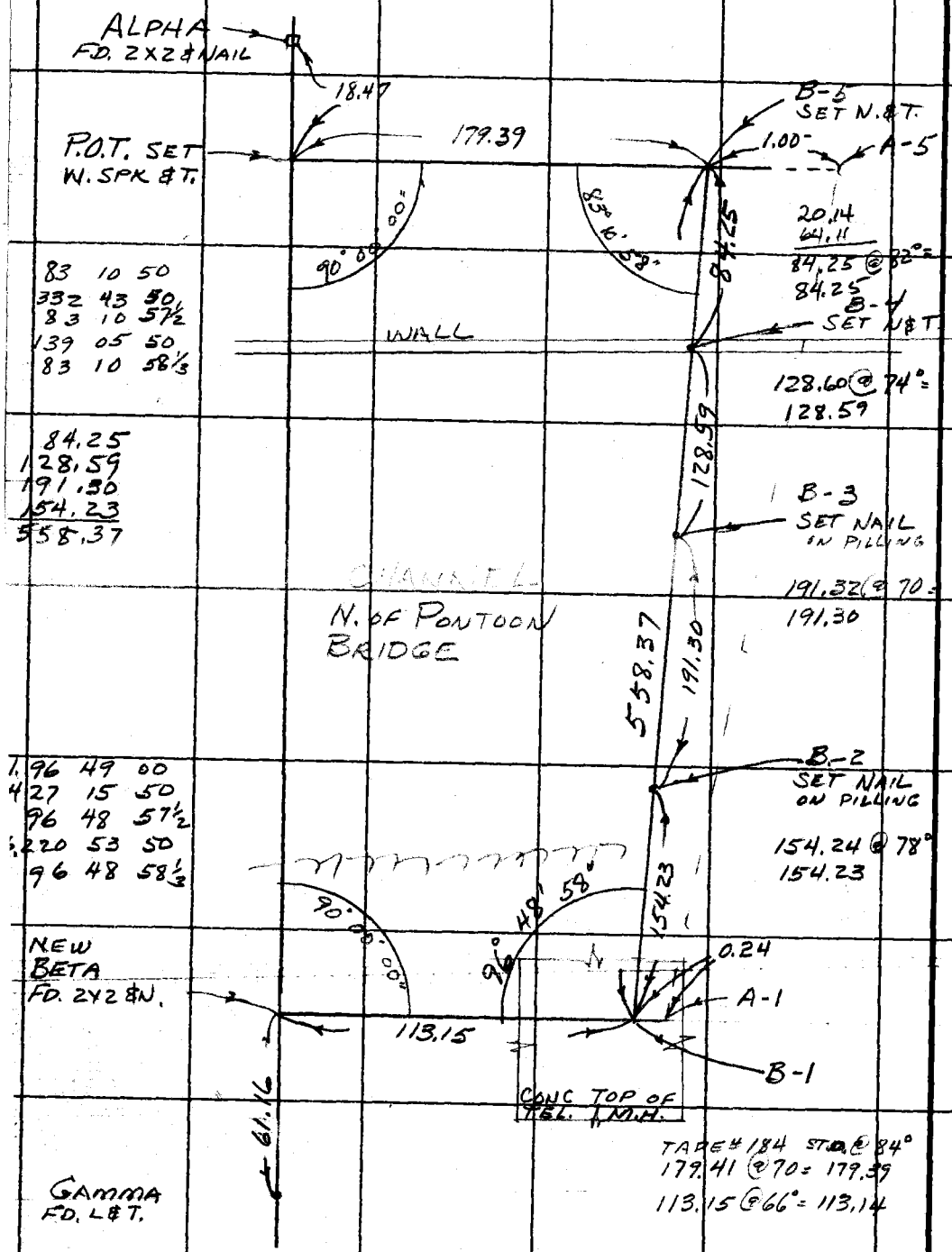
76F3025 CE # 310 3-61

F. B. 2452 Pg. 32

TRAVERSE "B"

TAPE #184, STD. 84°



83 10 50
332 43 50
83 10 57½
139 05 50
83 10 58⅓

84.25
128.59
191.30
154.23
558.37

1.96 49 00
427 15 50
96 48 57½
220 53 50
96 48 58⅓

TAPE #184 STD. @ 84°
179.41 @ 70 = 179.39
113.15 @ 66° = 113.14

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Notes Ck'd by	Survey of GEODIMETER CALIB.
Map No.	JN0301.00 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 7-3-64
Date	Indexed C. J. GALLI OCT 1 3 '65

F. B. 2452 Pg. 33

GEODIMETER CALIBRATION SITE
HARBOR GENERAL HOSPITAL
STEAM TUNNEL

CARSON ST. AN VERMONT AVE.

DREIER
BAZEN
MARTINEZ
McKNIGHT

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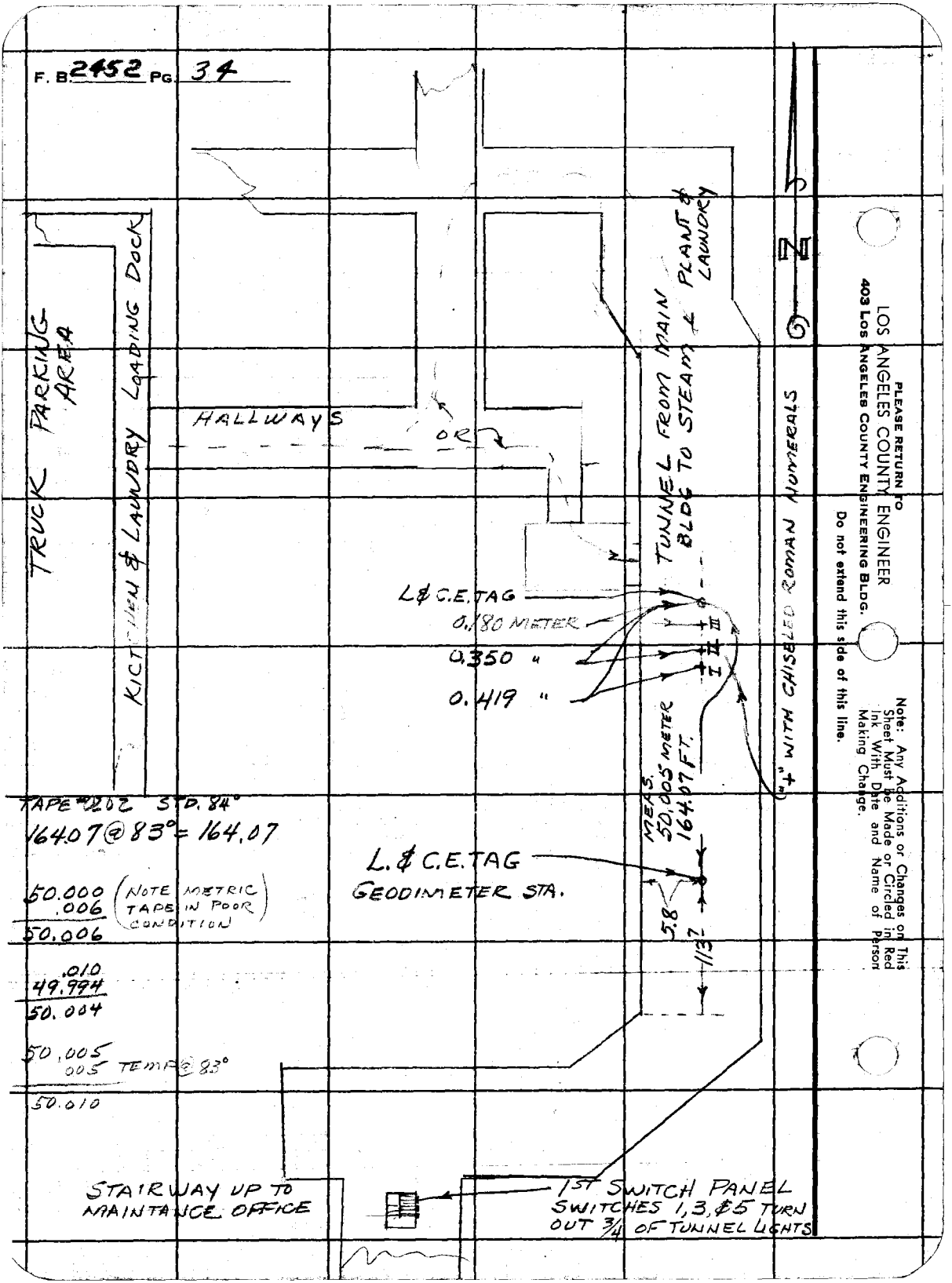
76F3095 CE # 310 3-61

F. B. 2452 PG. 34



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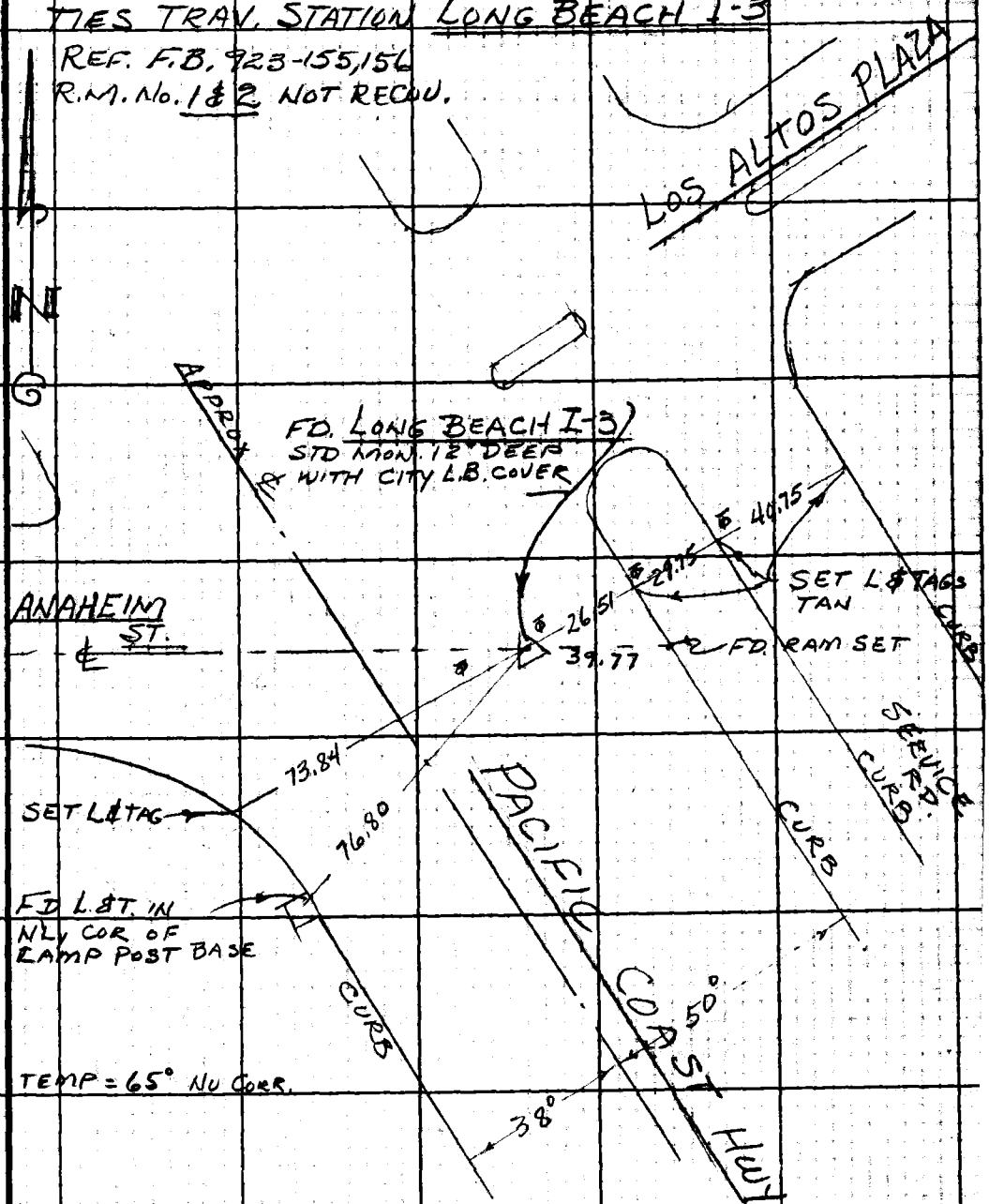
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.06 Tape 0147 Std 68 °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. D. Date 1-12-66
Date	Indexed C. J. GALLI

F.B. 2462 Pg. 37

TIES TRAV. STATION LONG BEACH I-3

REF. F.B. 923-155,156

R.M. No. 1 & 2 NOT RECOV.



Noted on Geo. Index Card
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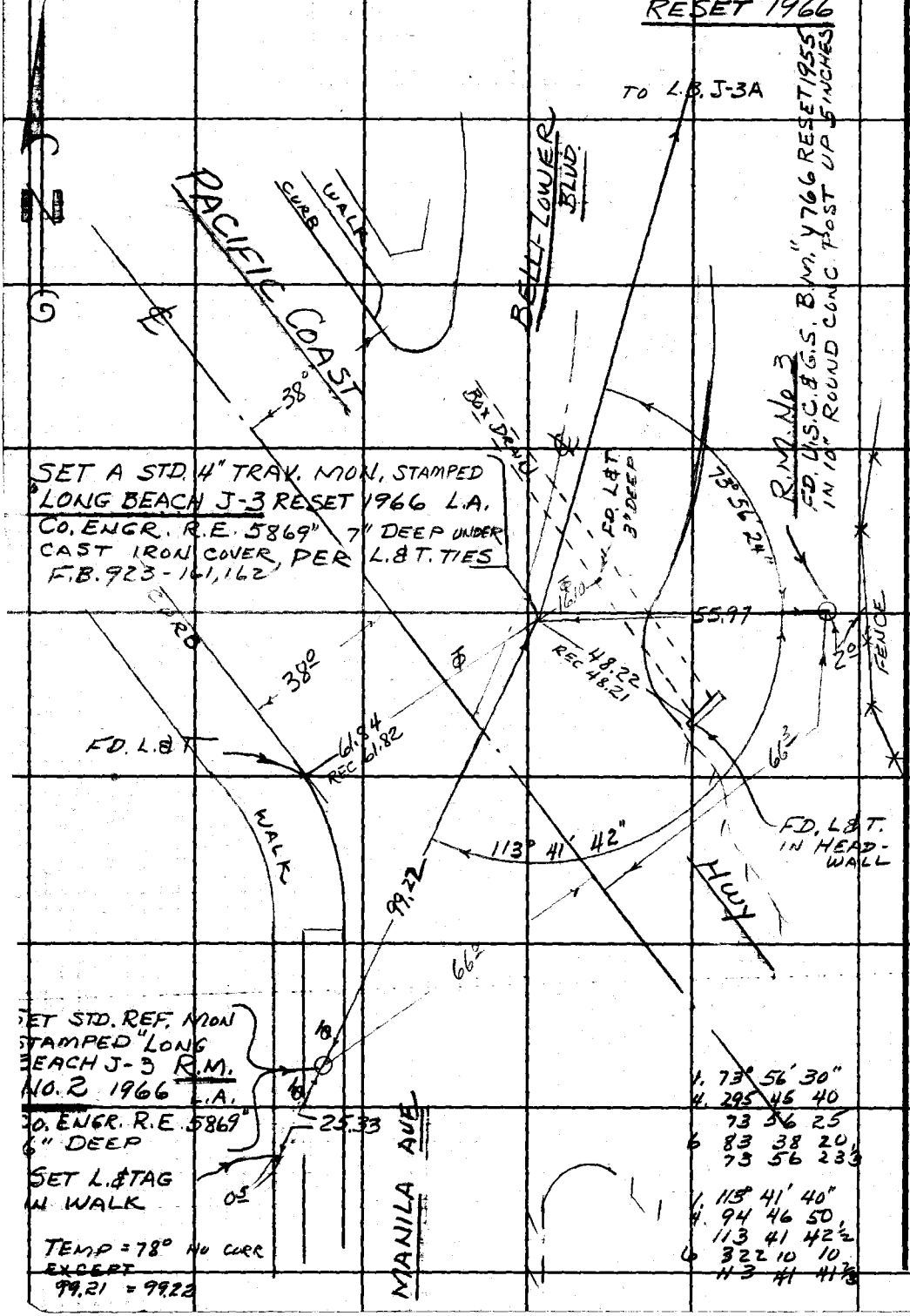
76F3095 CE #310 6-62

F.B. 2452 PG 38 TIES TRAV. STATION LONG BEACH J-3
RESET 1966



Noted on Geo. Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketched on Geo. Desc. Card

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

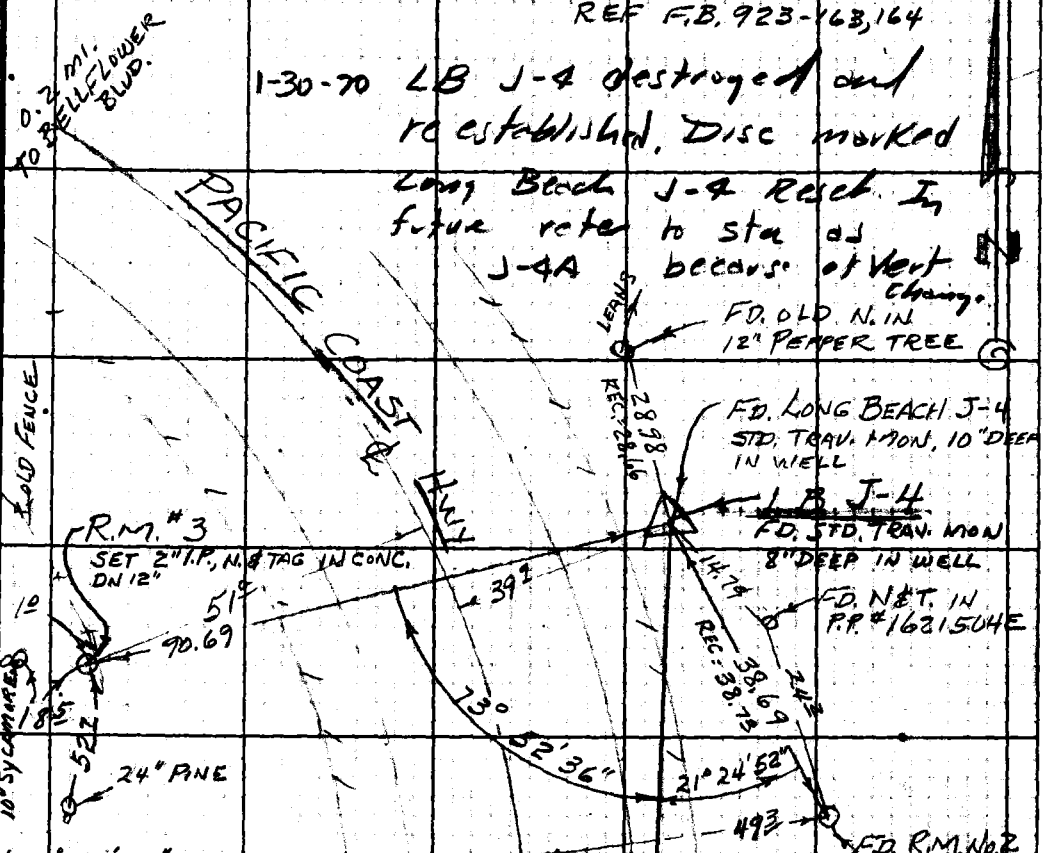
Survey of GEODETIC CONTROL F.B. 2452 Pg. 39
JN 0301.02 Tape 0147 Std °F
Surveyed by G.E. DREIER
Notes G.E.D Date 1-12-66
Indexed C. J. GALLI

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

TIES TRAVERSE STATION LONG BEACH J-4

REF F.B. 923-163,164

1-30-70 LB J-4 destroyed and re established. Disc marked Long Beach J-4 Reset. In future refer to sta as J-4A because of Vert change.



1. 73° 52' 30"
4. 295 30 20
73 52 35
6. 83 15 40
73 52 36⅔

TEMP = 70° NO CORR.

40.69
50.00
90.69

1. 21° 24' 50"
4. 85 39 20
21 24 50
6. 128 29 20
21 24 53⅓

1. 73° 52' 30"
4. 295 30 20
73 52 35
6. 83 15 40
73 52 36⅔

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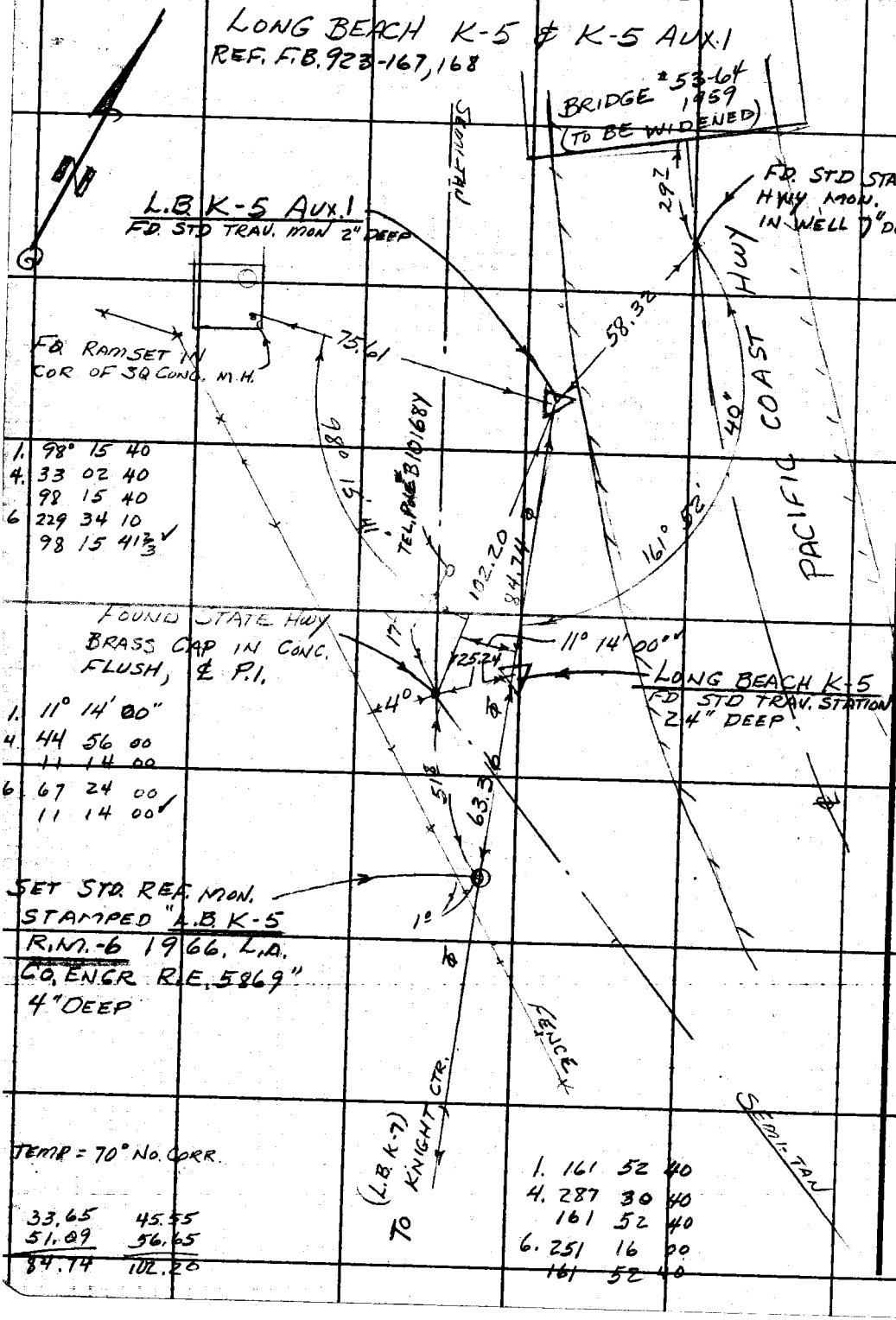
7 OF 3095 CE #3 0 6-62

F. B. 2452 PG. 40 TIES TRAV. STATIONS

LONG BEACH K-5 & K-5 AUX.1

REF. F.B. 923-167, 168



1. 98° 15 40
4. 33 02 40
98 15 40
6 229 34 10
98 15 41 2/3 ✓

1. 11° 14' 00"
4. 44 56 00
11 14 00
6 67 24 00
11 14 00 ✓

TEMP = 70° No. CORR.

33.65	45.55
51.09	56.65
84.74	102.20

1. 161 52 40
4. 287 30 40
161 52 40
6. 251 16 00
161 52 40

Noted on Geo. Index Card
Plotted on U.S.G.S. Quad. Shts.
Plotted on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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NOTES RED. JOB NO. 0301.06 SURVEY OF Geod. Cont. F.B. 2452 PG. 41

DATE SURVEY BY FE Brooks

NOTES CHKD. J. F. McMILLAN NOTES BY FEB DATE 15 Nov 74

DATE NOV 21 1974 INDEXED T. M. PALMERI DATE NOV 20 1974

DESCRIPTION	ELEVATION OF "℄ BRIDGE PROD" Per F.B. 4320-15 F.B. 3629-62
ADJ. ELEV.	For Trig Leveling Test JMM
3RD RUN	
2ND RUN	
DIFF.	
1ST RUN	Brooks Smith Creason Krohn.
B.M.	

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

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765420 S & E-353 9-55

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 47-2B	1071.418			Prel		BM 47-2B Elev. 1071.418 1970 adj. L.A.B.E. E. Wing wall of equestrian tunnel under E. end of Foothill Freeway Bridge No 53-1035 S. of and Parallel to the Devils Gate Dam. A. L.A.Co. F.C. Dist. B.M. Disk 050-04620 1968
+	4.775		4.815			
⊼	1076.193	-0.323	-0.323			
−	5.098		5.138			
TP 1	1071.095					
+	5.116		5.162			
⊼	1076.211	-0.024	-0.024			
−	5.140		5.186			
TP 2	1071.071					
+	5.256		5.290			
⊼	1076.327	+1.133	+1.132			
−	4.123		4.158			
BM 47-2C	1072.204			1072.196	1072.196	BM 47-2C Elev. 1072.196 1970 adj. L.A.B.E. La Canada Verdugo Rd. Bridge at the top of Devils Gate Dam, set in the Nly sidewalk 3.5' Nly of the curb line 1.0' Ely of the Wly end. A. U.S. Geological Survey B.M. Disk S68 1923 Reset Dec 20 1954
+	7.836		7.804			
⊼	1080.040	+7.548	+7.548			
−	0.288		0.256			
TP 3	1079.752			1079.744		
+	9.490		9.642			
⊼	1089.242	+9.038	+9.039			
−	0.452		0.603			
TP 4	1088.790			1088.782		
+	9.712		9.813			
⊼	1098.502	+8.450	+8.450			
−	1.262		1.363			
TP 5	1097.240			1097.232		
+	8.505		8.568			
⊼	1105.745	+3.620	+3.620			
−	4.885		4.948			
L&T	1100.860			1100.852		L&T see next pg for desc.

F.B. 2452 PG. 42

JOB NO. 0301.00 SURVEY OF Geod. Cont.
SURVEY BY FE Brooks
NOTES BY FEB DATE 15 Nov 74
INDEXED I. M. PALMERI DATE NOV 20 1974
NOTES RED. DATE
NOTES BY R. McMILLAN DATE NOV 21 1974

765420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
L&T	1100.860			1100.852		L&T (EIOA TIE)
+	4.805		4.880			Linda Vista Ave - Highland Dr. at
Π	1105.665	-3.620	-3.620			Bridge #53-2196. S. curb.
−	8.425		8.500			L&T on approx ℄ prod of roadway
TP 6	1097.240			1097.232		over bridge
+	1.078		1.180			
Π	1098.318	-8.452	-8.450			
−	9.630		9.630			
TP 7	1088.789			1088.781		
+	0.270		0.344			
Π	1089.058	-9.038	-9.038			
−	9.308		9.382			
TP 8	1079.750			1079.743		
+	4.228		4.530			
Π	1083.978	-5.307	-5.307			
−	9.535		9.837			
TP 8	1074.443			1074.436		
+	2.106		2.159			
Π	1076.549	-2.241	-2.241			
−	4.347		4.400			
BM 47-2C	1072.202			1072.195		BM 47-2C Elev. 1072.196 1970adj LABE

No Adj Req'd
JAM

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Grad. Cont.
DATE _____ SURVEY BY FB Brooks
NOTES BY FEB DATE 15 Nov. 74
DATE NOV 21 1974 INDEXED I. M. PALMERI DATE NOV 20 1974

F.B. 2452 PG. 43

F. B. 2452 PG. 44

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

768420 S & E-353 9-55

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NOTES RED. JOB NO. 0301.00 SURVEY OF Geod. Cont. F. B. 2752 PG. 45

DATE SURVEY BY FE Brooks

NOTES CHKD. McMILLAN NOTES BY FEB DATE 4 Nov 74

DATE NOV 21 1974 INDEXED T. M. PALMERI DATE NOV 20 1974

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
ELEVATION OF						
BT. SPK. W. & T.						
Pct						
F.B. 4320-16						
For Trig Leveling Test						
					Brooks	
					Smith	
					Creason	
					Kuhn	

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765420 S & E-353 9-55

765420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geod. Lev.
SURVEY BY FE Brook
NOTES BY FEB DATE 15 Nov 74
INDEXED L. M. PALMERI DATE NOV 20 1974
NOTES RED. DATE
NOTES CHKD. D. F. MCMILLAN DATE NOV 21 1974

F.B. 2452 PG. 46

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 062-30798	507.596			Prel		
+	4.416	/	4.478			BM 062-30798 Elev. 507.596 1967 E52 SDCB 26-10
π	512.012	-2.006	-2.006			Ely of Arcadia Wash E. Branch. On Colorado Blvd.
−	6.422		6.484			W. of AT&SF Overpass. Approx 99' Ely of ℄ of
TP 1	505.590					San Antonio Rd. Approx 20.5' N'ly of ℄
+	4.530	/	4.590			of Colorado Blvd. 0.7' E. of old curb
π	510.120	-1.218	-1.218			and in the top of conc curb. a
−	5.748		5.808			Std F.C. Disk Stamped BMLZ-68 1937
TP 2	504.372					
+	5.322	/	5.380			
π	509.694	-0.678	-0.678			
−	6.000		6.058			
TP 3	503.694					
+	4.328	/	4.372			
π	508.022	-1.092	-1.093			
−	5.420		5.465			
TP 4	502.602					
+	4.687	/	4.730			
π	507.289	-1.647	-1.647			
−	6.334		6.377			
TP 5	500.955					
+	4.725	/	4.780			
π	505.680	-0.210	-0.210			
−	4.935		4.990			
BM 062-30800	500.745				500.739	062-30800 Elev. 500.739 1967 E52 SDCB 26-10
+	5.410	/	5.461			Arcadia Wash E. Branch and Colorado Blvd
π	506.155	-0.050	-0.050			NEly Cor. Approx 28.5' N of ℄ of Colorado
−	5.460		6.511			Blvd Between F.C. Driveway and Catch basin
TP 6	500.695			500.689		and 4' S.E of P.P. #1613 in top of cb. A 2" F.C.
						Disk Stamped BM 062-30800 1967

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN PREL.	ADJ. ELEV.	DESCRIPTION
TP 6	500.695			500.689		
+	6.095		6.132			
π	506.790	+1.091	+1.090			
−	5.004		5.042			
TP 7	501.786			501.779		
+	6.356		6.423			
π	508.142	+4.731	+4.731			
−	1.625		1.692			
TP 8	506.517			506.510		
+	8.106		8.151			
π	514.623	+6.150	+6.150			
−	1.956		2.001			
BSWdT	512.667			512.660		
+	2.057		2.101			Colorado Blvd and Colorado Pl. S.E. Cor. 17' S. of Traffic Control box a Lg Bt. Spk W&T set in premix parking lot. ECHO Rock painted on pvmt.
π	514.724	−6.150	−6.150			
−	8.207		8.251			
TP 9	506.517			506.510		
+	1.844		1.872			
π	508.361	−4.730	−4.730			
−	6.574		6.602			
TP 10	501.787			501.780		
+	4.941		4.987			
π	506.728	−1.089	−1.088			
−	6.030		6.075			
TP 11	500.698			500.692		
+	5.470		5.340			
π	506.168	+0.048	+0.050			
−	5.422		5.290			
BM 062-30800	500.746			500.741	500.739	062-30800 Elev. 500.739 1967 E52 SPEB 26-10

No Adj Req'd

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geod. Cont.
DATE ____ SURVEY BY FEB Brooks
NOTES BY FEB DATE 15 Nov 74
DATE NOV 21 1974 INDEXED T. M. PALMERI DATE NOV 20 1974

F.B. 2452 PG. 47

3

F.B. 2452 PG. 48

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

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765420 S & E-353 9-55

NOTES RED _____ JOB NO 0301.02 SURVEY OF L.A.C. Precise Level Net

DATE _____ SURVEY BY FE Brooks

NOTES CHKD. _____ NOTES BY FEB DATE 4 Dec 74

DATE _____ INDEXED G. D. BAILEY DATE DEC 9 '74

F. B. 2452 PG. 49

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
L.N. 0301.02						
L.A. COUNTY PRECISE LEVEL NET						
From BM 11-3						
To Bm 11-2						
To Bm 062 30798 L.A.F.C.D.						
		FOR TRIG LEVELING TEST				
					Brooks	
					Smith	
					Creason	
					Krohn.	

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765420 S & E-353 9-55

76S420 S & E-353 9-55

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JOB NO. 0701.02 SURVEY OF L.A.C. Precise Lev/Net NOTES RED. DATE
SURVEY BY F.E. Brooks DATE
NOTES BY FEB DATE 4 Dec 74 NOTES CHKD. J.R.M.
INDEXED G.D. BAILEY DATE 10 DEC 74 DATE DEC 9 1974

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM11-3	539.257					BM 11-3 Elev. 539.257 F.B. 1376-7 1970 adj. Foothill Blvd and Santa Anita Wash. N.E. abutment of Bridge #5320. A Metropolitan Water Dist. Bench Mark Disk 53K 1933
+	4.898		5.072			
π	544.155	+ 1.258	+ 1.258			
−	3.640		3.814			
TP 1	540.515			540.515		
+	5.938		6.016			
π	546.453	+ 1.196	+ 1.194			
−	4.742		4.822			
TP 2	541.711			541.710		
+	5.255		5.343			
π	546.966	+ 0.590	+ 0.590			
−	4.665		4.753			
TP 3	542.301			542.300		
+	5.374		5.435			
π	547.675	+ 0.480	+ 0.480			
−	4.894		4.955			
TP 4	542.781			542.780		
+	5.605		5.655			
π	548.386	+ 1.027	+ 1.030			
−	4.578		4.625			
TP 5	543.808			543.809		
+	5.392		5.438			
π	549.200	− 0.798	− 0.798			
−	6.190		6.236			
BM 11-2	543.010			543.011		BM 11-2 Elev. 543.014 F.B. 1376-7 1970 adj. Foothill Blvd and Santa Anita Ave. S of Foothill & center of E. barrel of Santa Anita a L.A. Co. Survey Triangulation Station in a well. SIERRA MADRE 1-6
+	4.665		4.726			
π	547.675	− 1.697	− 1.694			
−	6.362		6.420			
TP 6	541.313			541.315		

F.B. 2452 PG. 50

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP-6	541.313			541.315		
+	3.238		3.170			
Π	544.551	-3.925	-3.926			
−	7.163		7.096			
TP 7	537.388			537.389		
+	2.885		2.983			
Π	540.273	-4.035	-4.035			
−	6.920		7.018			
TP 8	533.353			533.354		
+	3.091		3.133			
Π	536.444	-4.000	-4.000			
−	7.091		7.133			
TP 9	529.353			529.354		
+	2.955		3.135			
Π	532.308	-4.055	-4.056			
−	7.010		7.191			
TP 10	525.298			525.298		
+	2.940		3.018			
Π	528.238	-4.310	-4.310			
−	7.250		7.328			
TP 11	520.988			520.988		
+	3.501		3.576			
Π	524.489	-4.024	-4.024			
−	7.525		7.600			
TP 12	516.964			516.964		
+	3.599		3.645			
Π	520.563	-4.002	-4.003			
−	7.601		7.648			
TP 13	512.962			512.961		

NOTES RED. _____ JOB NO. 0302.01
DATE _____ SURVEY OF L.A. Pacific Limited
SURVEY BY FEB
NOTES CHKD. R.M. NOTES BY FEB DATE 4 DEC 74
DATE 10 DEC 74 INDEXED G.D. BAILEY DATE DEC 9 '74
F.B. 2452 PG. 51

769420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 13	512.962			512.961		
+	2.484		2.568			
π	515.446	-4.086	-4.084			
−	6.570		6.652			
TP 14	508.876			508.876		
+	0.800		0.858			
π	509.676	-8.430	-8.430			
−	9.230		9.288			
TP 15	500.446			500.446		
+	2.356		2.340			
π	502.802	-3.284	-3.284			
−	5.640		5.624			
TP 16	497.162			497.162		
+	7.990		8.010			
π	505.152	+7.347	+7.347			
−	0.643		0.663			
TP 17	504.509			504.509		
+	7.567		7.658			
π	512.076	+3.027	+3.028			
−	4.540		4.630			
BM	507.536			507.537		BM 062 30798
+	4.392		4.568			Colorado Blvd N. curb. 95' ± E of
π	511.928	-3.028	-3.027			& San Antonio Dr.
−	7.420		7.595			L.A.Co. F.C. BM Disk BM 62-68 1937
TP 18	504.508			504.509		
+	0.412		0.365			
π	504.920	-7.346	-7.345			
−	7.758		7.710			
TP 19	497.162			497.163		

JOB NO. 0702.01 SURVEY OF L.A.Co. Precise Level Net
SURVEY BY F.E. Brooks
NOTES BY F.E.B. DATE 4 Dec 74
INDEXED G.D. BAILEY DATE DEC 9 '74
NOTES RED. DATE
NOTES CHKD. R.M. DATE 10 DEC 74

F.B. 2452 PG. 52

76S420 353 3-51

2452-47 4320 3629

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725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 19	497.162			497.163		
+	4.813		4.898			
⊼	501.975	+3.283	+3.285			
−	1.530		1.613			
TP 20	500.445			500.447		
+	9.415		9.481			
⊼	509.860	+8.429	+8.429			
−	0.986		1.052			
TP 21	508.874			508.876		
+	6.785		6.828			
⊼	515.659	+4.087	+4.086			
−	2.698		2.742			
TP 22	512.961			512.963		
+	7.165		7.262			
⊼	520.126	+4.005	+4.007			
−	3.160		3.255			
TP 23	516.966			516.969		
+	7.603		7.655			
⊼	524.569	+4.023	+4.025			
−	3.580		3.630			
TP 24	520.989			520.993		
+	7.265		7.320			
⊼	528.254	+4.310	+4.310			
−	2.955		3.010			
TP 25	525.299			525.303		
+	7.388		7.436			
⊼	532.687	+4.510	+4.510			
−	2.878		2.926			
TP 26	529.809			529.813		

NOTES RED. _____ JOB NO. 0302.01 SURVEY OF LA Co Precise Level Net
DATE _____ SURVEY BY FE Brooks
NOTES CHK'D L.R.M. NOTES BY FEB DATE 4 Dec 74
DATE 10 DEC 74 INDEXED G.D. BAILEY DATE DEC 9 74

F.B. 2452 PG. 53

76S420 353 3-51

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 26	529.809			529.813		
+	6.830		6.853			
⊼	536.639	+4.973	+4.970			
-	1.857		1.883			
TP 27	534.782			534.785		
+	7.820		7.918			
⊼	542.602	+5.530	+5.530			
-	2.290		2.388			
TP 28	540.312			540.315		
+	6.997		7.070			
⊼	547.309	+2.704	+2.705			
-	4.293		4.365			
BM 11-2	543.016			543.020		BM 11-2 Elev. 543.014 FB 1376-7 1970 adj.

No Adj Necessary
JTM

JOB NO. 0302.01 SURVEY OF LA Precise Level Net NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 4 Dec 74 NOTES CHKD. L. R. M.
INDEXED G. D. BAILEY DATE DEC 9 '74 DATE 10 DEC '74

F.B. 2452 PG. 54

Notes Ck'd by	Survey of Geodetic Control	F. B. 2452 PG. 55
Map No.	JN 0301.00 Tape Std. °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes FEB Date Mar 75	
Date	Indexed E. M. PALMERI MAY 22 '75	

SN 0301.00

GEODETIC CONTROL

ELEVATION DIFFERENCES

ON STATIONS

		PAGE
LANG	H 5A	67
LANG	S 2	57
RAVENNA	A 8	239
RAVENNA	D 8	211
RAVENNA	L 8	183
RITTER RIDGE	A 13	111
RITTER RIDGE	D 13	121
SLEEPY VALLEY	H 12	89
SLEEPY VALLEY	O 15	161
ACTON	C 2	149

Brooks
Smith
Creason
Krohn

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76F3095 CE#310 1-65

F. B. 2452 PG. 56

SEE MAP PG 56
For Index

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NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 1452 Pg. 57

DATE _____ SURVEY BY F E Brooks

NOTES CHKD. _____ NOTES BY F E B DATE 27 March 75

DATE 4-22-75 INDEXED W. M. PALMERI DATE _____

DESCRIPTION

S.N. 0301.00

GEODETIC CONTROL

ELEVATION DIFFERENCE

BETWEEN BM 202-32

AND STATION LANG S-1

ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
				Brooks Smith Creason	

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768420 S & E-353 9-55

76S420 S & E-353 9-55

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JOB NO. 341.M SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FE Brooks DATE 27 March 75 NOTES CHKD. DATE
NOTES BY FEB DATE NOV 22 '75
INDEXED L. M. PALMERI

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 202-32	200.000				2531.225	BM 202-32 (L.A. Co. Rd. Dept #BL 1656)
+	2.815					Assumed Elev. 200.000
⊼	202.815					F.B. 2878-150, 151 mark a 2" Brass
−	1.988					Disk in the Conc. porch of the
						AGUE DULCE STORE.
						EL = 2531.225 1966 ADJ.
BM 202-32A	200.827				2532.052	BM 202-32 A F.B. 3730-213
+	3.303					AUGA DULCE CANYON RD and DARLING
⊼	204.130					RD & Inter. Co. Engr. Mon. SECTION
−	8.450					COR. for SECTIONS 22, 23, 26, 27 T5N
x TP spk	195.680				2526.906	R14W. EL = 2532.052
+	1.230					
⊼	196.910					
−	9.593					
x TP spk	187.317				2518.544	
+	0.355					
⊼	187.672					
−	8.184					
x TP spk	179.488				2510.716	
+	5.900					
⊼	185.388					
−	0.437					
x TP spk	184.951				2516.179	
+	9.484					
⊼	194.435					
−	0.318					
x TP spk	194.125				2525.354	

F. B. 2452 PG 53

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
x TP spk	194.125				2525.354	
+	9.778					
π	203.903					
−	1.295					
x TP spk	202.608				2533.838	
+	7.536					
π	210.144					
−	9.722					
x TP spk	200.422				2531.654	
+	0.495					
π	200.917					
−	6.318					
x TP spk	194.599				2525.832	
+	5.122					
π	199.721					
−	4.640					
x TP spk	195.081				2526.314	
+	8.870					
π	203.951					
−	0.657					
x TP rock	203.294				2534.528	
+	9.070					
π	212.364					
−	0.415					
Correction 8.926 TP rock	211.949				2543.184	
+	8.926					
π	220.875					
−	0.258					
x TP rock	220.617				2551.853	

NOTES RED. JOB NO. 8301.00 SURVEY OF Geodetic Control
DATE SURVEY BY PE Brooks
NOTES CHKD. NOTES BY FEB DATE 27 March 75
DATE MAY 22 75 INDEXED L. M. PALMERI DATE

F. B. 2452 PG. 59

76S420 S & E-353 9-55

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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.

3957 S2A-90 E-45
47' E
30' S.

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FE B DATE 27 March 75 NOTES CHKD.
INDEXED T. M. PALMER DATE MAY 22 '75 DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP rock	220.617				2551.853	
+	8.963					
π	229.580					
−	8.664					
TP Bt Spk	220.916				2552.154	
+	9.358					
π	230.274					
−	0.458					
TP. rock	229.812				2561.055	
+	9.603					
π	239.419					
−	0.197					
TP rock	239.222				2570.462	
+	7.758					
π	246.980					
−	2.297					
TP. Fd.	244.683				2575.924	T.P. a 1" I.P. Conc. plug & L.A. C. Engr Tag in small rock ring Pipe is 0.08 Mile w. of LANG S-1 30's of pole line & 47'E of pole # 3957 S2A-90 E-45
+	9.697					
π	254.380					
−	0.344					
TP rock	254.036				2585.278	
+	9.632					
π	263.668				~~2594.910~~	
−	0.525					
TP rock	263.143				2594.385	
+	9.397					
π	272.540					
−	1.135					
TP. rock	271.405				2602.648	

ELEVATION by assumed BM
Elev. = 200.000 per pg 58

F. B. 2452 PG. 60

765420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP rock	271.405					
+	7.987					
π	279.392					
−	2.102					
TP rock	277.290				2608.535	
+	4.994					
π	282.284					
−	3.544					
LANG S-1	278.740			2609.985 BM EB		LANG S-1
+	3.667					A 2" I.P. Conc plug & Tag LS. 3587
π	282.407					see pg. 65
−	3.391					
RM 2	279.016				2610.261	LANG S-1 RM 2
+	3.466					A 4" Brass Disk in a 8" Conc post.
π	282.482					see pg. 65
−	5.193					
TP rock	279.289				2608.534	
+	2.107					
π	279.396					
−	8.993					
TP rock	271.403				2602.649	
+	1.347					
π	272.750					
−	9.610					
TP rock	263.140				2594.387	
+	0.556					
π	263.696					
−	9.665					
TP rock	254.031				2585.279	

ELEVATIONS BY assumed BM EB ELEV = 200.000 per pg

NOTES RED _____ JOB NO 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY EE Brooks
NOTES CHKD _____ NOTES BY FEB DATE 27 March 72
DATE MAR 22 75 INDEXED J. M. PALMER DATE _____

F.B. 2452 Pg. 61

76S420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE NOTES CHKD.
INDEXED I. M. PALMERI DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP rock	254.031				2585.279	
+	0.402					
⊼	254.433					
−	9.755					
TP pipe	244.678				2575.927	
+	2.278					
⊼	246.956				~~2578.205~~	
−	7.741					
TP rock	239.215				2570.465	
+	0.432					
⊼	239.647					
−	9.838					
TP rock	229.809				2561.060	
+	0.694					
⊼	230.503					
−	9.593					
TP BT SPK	220.910				2552.162	
+	8.650					
⊼	229.560				~~2560.813~~	
−	8.950					
TP rock	220.610				2551.864	
+	0.293					
⊼	220.903					
−	8.957					
TP rock	211.946				2543.201	
+	0.278					
⊼	212.224					
−	8.974					
TP rock	203.290				2534.546	

F.B. 2452 PG. 62

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP rock	203.294				2534.546	
+	0.775					
π	204.069					
−	8.987					
TP spk	195.082				2526.375	
+	4.615					
π	199.697					
−	5.098					
TP spk	194.599				2525.852	
+	6.233					
π	200.832					
−	0.410					
TP spk	200.422				2531.675	
+	9.033					
π	209.455					
−	6.845				[illegible]	
TP spk	202.610				2533.863	
+	1.330					
π	203.940					
−	9.810					
TP spk	194.130				2525.384	
+	0.235					
π	194.365					
−	9.408					
TP spk	184.957				2516.212	
+	0.397					
π	185.354					
−	5.860					
TP spk	179.494				2510.749	

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geotechnical Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD _____ NOTES BY EEB DATE 27 March 75
DATE MAY 22 75 INDEXED T. M. PALMERI DATE _____

F. B. 2452 PG. 63

76S420 S & E-353 9-55

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Do not extend notes this side of this line

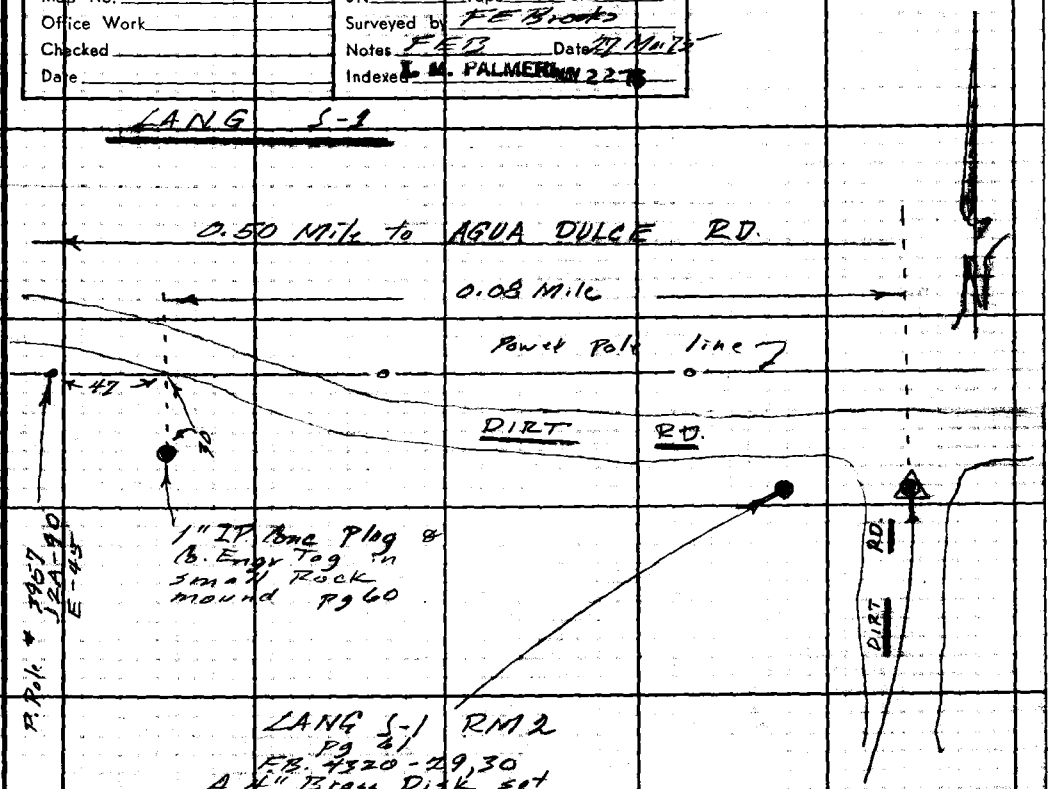
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP Spk	179.494				2510.749	
+	8.210					
⊼	187.704					
−	0.380					
TP Spk	187.324				2518.580	
+	9.500					
⊼	196.824					
−	1.138					
TP Spk	195.686				2526.943	
+	7.988					
⊼	203.674					
−	5.154					
TP	198.520				2529.778	
+	3.145					
⊼	201.665					
−	1.697					
BM 202-32	199.968				2531.225	BM 202-32 (L.A. Co. Rd. Dept. # BL 1655)
	.032					Assumed Elev. = 200.000 per pg 58
						EL. 2531.225
						.032

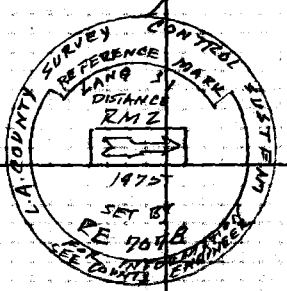
JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 27 March 75 NOTES CHKD.
INDEXED L. M. PALMER DATE NOV 22 75 DATE

F. B. 2452 PG. 64

Notes Ck'd by	Survey of Geodetic Control	F. B. 2452 PG. 65
Map No.	JN 0301.00 Tape Std °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes FEB Date 27 Mar 75	
Date	Indexed L. M. PALMERI JN 2276	

LANG S-1





REF.
FB 4320 - 29
30

1" I.P. Conc Plug & Tag is 44.68 above BM 202-32
LANG S-1 is 78.74 above BM 202-32
LANG S-1 RM 2 is 79.02 above BM 202-32
Pgs 60, 61

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76F309S CE#310 1-65

F. B. 2456 PG. 46

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NOTES RED. JOB NO. SURVEY OF GEODETIC CONTROL F. B2452 PG. 67
DATE SURVEY BY F.E. BROOKS
NOTES CHKD. NOTES BY F.E.B. DATE 3-31-75
DATE 22 INDEXED I. M. PALMERI DATE

J.N. 0301.00

GEODETIC CONTROL

ELEVATION DIFFERENCE

BETWEEN BM 202-45 (BL 1641)

&

STATIONS LANG H-5 & LANG H-5A

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.

Brooks
Smith
Creason
Krohn

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765420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF GEOD. CONTROL
SURVEY BY P.E. BROOKS
NOTES BY R. SMITH DATE 3-31-75
INDEXED L. M. PALMERI DATE 4-22-75
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2452 PG. 68

PRELIM.

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV. ~~ASSUMED~~	DESCRIPTION
FB BM 202-45	100.000				100.000	BM. 202-45 (BL 1641) EL 2053.396
			2053.396		2053.396	F.B 2878-162-163
						AGUE DULCE CANYON RD ON
						BRIDGE #B1023 LHT 0.5 NO
+	8.682					OF SO. END OF EAST CONC.
⊼	108.682					ABUT. 40'± FROM ℄ ROAD
−	3.108					
FB BM 202-46	105.574	①	2058.970'		2058.970	BM 202-46 (BL 1640) ELEV. 2058.975
						F.B. 2878-162-163
						SAME AS ABOVE EXCEPT
						STAMPED "BM" AND ON N.W. LH.
+	4.371					CONC ABUT 14'± FROM ℄ ROAD.
⊼	109.945					+ 0.6 FROM GUARD RAIL.
−	6.685					
T.P. 1	103.260					
+	5.039					
⊼	108.299					
−	6.531					
T.P. 2	101.768					
+	5.220					
⊼	106.988					
−	4.246					
T.P. 3	102.742					
+	7.068					
⊼	109.810					
−	3.308					
TP 4	106.502					
+	5.321					
⊼	111.823					
−	2.340					
TP 5	109.483					

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P 5	109.483					
+	9.242					
⊼	118.725					
−	2.002					
T.P 6	116.723					
+	8.929					
⊼	125.652					
−	1.942					
T.P 7	123.710					
+	8.920					
⊼	132.630					
−	0.541					
T.P. 8	132.089					
+	9.127					
⊼	141.216					
−	1.512					
T.P 9	139.704					
+	4.072					
⊼	143.776					
−	5.468					
T.P 10	138.308					
+	7.030					
⊼	145.338					
−	2.500					
T.P 11	142.838					
+	3.409					
⊼	146.247					
−	1.210					
T.P. 12	145.037					

NOTES RED ____ JOB NO. ____ SURVEY OF Geo D Control
DATE ____ SURVEY BY J. E. Brooks
NOTES CHKD. ____ NOTES BY R. Smith DATE 3-31-75
DATE 2-2-75 INDEXED L. M. PALMER DATE ____

F. B. [illegible] Pg. 69

F. B. 2452 Pg. 70

JOB NO. 030800 SURVEY OF GEOD CONTROL NOTES RED.
SURVEY BY F.E. BROOKS DATE
NOTES BY R SMITH DATE 3-31-75 NOTES CHKD.
INDEXED L. M. PALMERI DATE MAY 22 75 DATE

768420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. 12	145.037					
+	7.423					
−	152.460					
T.P. 13	1.117					
+	151.343					
−	9.778					
T.P. 14	161.121					
+	0.288					
−	160.833					
T.P. 15	9.001					
+	169.834					
−	1.853					
T.P. 16	167.981					
+	9.790					
−	177.771					
T.P. 17	0.624					
+	177.147					
−	8.622					
T.P. 18	185.769					
+	0.251					
−	185.518					
T.P. 19	8.951					
+	194.469					
−	1.093					
T.P. 20	193.376					
+	8.852					
−	202.228					
T.P. 21	1.415					
	200.813					

NOTES RED _____ JOB NO. 0308.00 SURVEY OF GRID CONTROL

DATE _____ SURVEY BY F E BROOKS

NOTES CHKD. _____ NOTES BY R SMITH DATE 3-31-75

DATE 2 2 75 INDEXED I. M. PALMERI DATE _____

F. B2452 Pg. 71

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. 19	200.813					
+	9.110					
K	209.923					
−	1.280					
T.P. 20	208.643					
+	9.910					
K	218.553					
−	1.473					
T.P. 21	217.080					
+	9.756					
K	226.836					
−	1.098					
T.P. 22	225.738					
+	9.820					
K	235.558					
−	0.743					
T.P. 23	234.815					
+	9.463					
K	244.278					
−	2.916					
T.P. 24	241.362					
+	9.719					
K	251.081					
−	0.422					
T.P. 25	250.659					
+	9.896					
K	260.555					
−	1.030					
T.P. 26	259.525					

.659
.599
.560

765420 S & E-353 9-55

F. B. 2452 PG. 72

JOB NO. 030800 SURVEY OF GEOD CONTROL NOTES RED.
SURVEY BY E. E. BROOKS DATE
NOTES BY R SMITH DATE 3-31-75 NOTES CHKD.
INDEXED L. M. PALMERI DATE NOV 22 '75 DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. 26	259.525					
+	9.390					
-	268.915					
	0.820					
TP 27	268.095					
+	9.633					
-	277.728					
	0.631					
T.P. 28	277.097					
+	9.175					
-	286.272					
	1.311					
T.P. 29	284.961					
+	9.849					
-	294.810					
	0.428					
T.P. 30	294.382					
+	9.731					
-	304.113					
	0.498					
T.P. 31	303.615					
+	9.880					
-	313.495					
	0.374					
T.P. 32	313.121					
+	9.510					
-	322.631					
	0.433					
T.P. 33	322.198					

Do not extend notes this side of this line

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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.

768420 S & E-353 9-55

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P 33	322.198					
+	9.563					
⊼	331.761					
−	1.342					
T.P 34	330.419					
+	9.384					
⊼	339.803					
−	1.272					
T.P 35	338.531					
+	9.580					
⊼	348.111					
−	0.221					
T.P 36	347.890					
+	9.394					
⊼	357.284					
−	0.247					
T.P 37	357.037					
+	9.375					
⊼	366.412					
−	0.633					
T.P 38	365.779					
+	9.964					
⊼	375.743					
−	0.475					
T.P 39	375.268					
+	9.990					
⊼	385.258					
−	0.408					
T.P 40	384.850					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEOD CONTROL
DATE ____ SURVEY BY F E BROOKS
NOTES CHKD. ____ NOTES BY R SMITH DATE ____
DATE NOV 3 2 75 INDEXED L. M. PALMERI DATE ____

F. B2452 PG. 73

F. B 2452 Pg. 74

JOB NO. 030100 SURVEY OF GEOD. CONTROL NOTES RED.
SURVEY BY F E BROOKS DATE
NOTES BY R SMITH DATE 3-31-75 NOTES CHKD.
INDEXED L. M. PALMERI DATE MAY 22 '75 DATE

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 40	384.850					
+	9.845					
-	394.695					
T.P. 41	0.704					
+	398.991					
-	9.503					
T.P. 42	403.494					
+	0.251					
-	403.243					
T.P. 43	9.728					
+	412.971					
-	0.248					
T.P. 44	412.723					
+	9.316					
-	422.039					
T.P. 45	0.279					
+	421.760					
-	9.950					
T.P. 46	431.710					
+	0.289					
-	431.421					
T.P. 47	9.909					
+	441.330					
-	0.315					
T.P. 48	441.015					
+	9.870					
-	450.885					
T.P. 49	0.268					
+	450.617					

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. 47	450.617					
+	9.864					
=	460.481					
−	0.424					
T.P. 48	460.057					
+	9.838					
=	469.895					
−	0.599					
T.P. 49	469.296					
+	9.953					
=	479.249					
−	0.733					
TP 50	478.516	*				
+	9.484					
=	488.000					
−	0.714					
TP 51	487.286					
+	9.691					
=	496.977					
−	0.535					
TP 52	496.442					
+	9.461					
=	505.903					
−	0.926					
TP 53	504.977					
+	9.425					
=	514.402					
−	1.034					
TP 54	513.368					

NOTES RED _____ JOB NO. 0306.00 SURVEY OF Good Control
DATE _____ SURVEY BY R. E. Brooks
NOTES CHKD _____ NOTES BY R. Smith DATE 3-31-75
DATE _____ INDEXED L. M. PALMER DATE MAY 22 75

F. B2452 Pg. 75

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0304.00 SURVEY OF Geod Control NOTES RED. ____ DATE ____
SURVEY BY F. E. Brooks
NOTES BY R. Smith DATE 8-31-75 NOTES CHKD. ____ DATE ____
INDEXED E. M. PALMER DATE NOV 22 75

F.B. 2452 Pg. 76

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	~~ADJ.~~ ELEV. PREL	DESCRIPTION
T.P 54	513.368					
+	8.869					
=	522.237					
−	0.299					
T.P 55	521.938					
+	9.745					
=	531.683					
−	2.063					
TP 56	529.620					
+	5.782					
=	535.402				2484.224	
−	4.620					
SET LAWC H-5A	530.782	(57)	2484.178'			LAWC H-5A A STD 4" BRASS "TRAVERSE DISC. IN 8" CONC POST See Pg 87
+	4.393					
=	535.175					
−	6.429					
SET RM #1	528.746	(58)	~~2482.142'~~		2482.186	RM #1 A STD 4" BRASS "REFERENCE DISC IN 8" CONC POST. See Pg. 87
+	6.691					
=	535.437					
−	5.519					
SET RM #2	529.918	(59)	2483.314'		2483.358	RM #2 A STD 4" BRASS "REFERENCE" DISC IN 8" CONC POST See Pg. 87
+	0.411					
=	530.329					
−	8.853					
TP 56	521.476					
+	0.605					
=	522.081					
−	9.154					
T.P 57	512.927					

ELEVATIONS by assumed B.M. Elev. = 100.00 per Pg 68

76S420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	~~ADJ.~~ ELEV. PREL.	DESCRIPTION
T.P 57	512.927					
+	1.329					
⊼	514.256					
−	9.300					
T.P 58	504.956					
+	0.579					
⊼	505.535					
−	9.505					
T.P 59	496.030					
+	1.694					
⊼	497.724					
−	9.945					
T.P 60	487.779					
+	0.699					
⊼	488.478					
−	9.823					
T.P 61	478.655					
+	0.719					
⊼	479.374					
−	7.843					
T.P. 62	471.531					
+	7.048					
⊼	478.579					
SET −	3.517					
LANG H-5	475.062	2428.458			2428.509	LANG H-5 A STD CALIF DIV OF HIGH-WAY TRI BRASS DISC IN A 12" CONC POST - See pg 68
+	3.308					
⊼	478.370					
SET −	2.629					
RM #1	475.741		2429.137		2429.189	LANG H-5 No 1 see next pg for desc.

ELEVATIONS by assumed B.M.
ELEV. = 100.000 per pg 68

NOTES RED ____ JOB NO. 0303.00 SURVEY OF GEOD CONTROL
DATE ____ SURVEY BY F E BROOKS
NOTES CHKD ____ NOTES BY R SMITH DATE 3-31-75
DATE ____ INDEXED L. M. PALMERI DATE MAY 22 75

F. B. 2462 PG. 77

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0300.00 SURVEY OF GEOD CONTROL
SURVEY BY F. E. BROOKS
NOTES BY R. SMITH DATE 3-31-75
INDEXED L. M. PALMER DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B2452 PG. 78

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
No 1	475.744	68	2429.137		2429.189	LANG H-5 No 1 Calif. Div. of Highway 4" Brass Disk set in 12" sq cone post see pg. 88
+	3.045					
=	478.786					
−	4.554					
SET No 2	474.232	20	2427.688		2427.681	ANG H-5 No 2 A. Calif. Div. of Highways 4" Brass Disk set in a 12" sq cone post see pg 88
+	4.244					
=	478.476					
−	0.516					
T.P 63	477.960					
+	9.869					
=	487.829					
−	0.370					
T.P 64	487.459					
+	9.989					
=	497.448					
−	0.512					
T.P 65	496.936					
+	9.229					
=	506.165					
−	2.123					
T.P 66	504.042					
+	3.632					
=	507.674					
−	6.137					
T.P 67	501.537					
+	2.383					
=	503.920					
−	9.940					
T.P 68	493.980					

ELEVATIONS by assumed B.M. Elev. = 100.000 per pg 18

76S420 353 3-51

24
478.516
8

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P 68	493.980					
+	1.399					
⊼	495.379					
−	8.083					
T.P 69	487.296					
+	1.019					
⊼	488.315					
−	9.791					
T.P 50	478.524					
+	1.088					
⊼	479.612					
−	9.379					
T.P 49	470.233					
+	0.218					
⊼	470.451					
−	9.930					
T.P 48	460.521					
+	0.293					
⊼	460.814					
−	9.988					
T.P 47	450.826					
+	0.219					
⊼	451.045					
−	9.982					
T.P 46	441.063					
+	0.597					
⊼	441.660					
−	9.914					
T.P 45	431.746					

NOTES RED. _____ JOB NO. 0304 SURVEY OF Good Control
DATE _____ SURVEY BY [illegible] Brooks
NOTES CHKD. _____ NOTES BY R. Smith DATE 3-31-75
DATE _____ INDEXED L. M. PALMERI DATE MAY 22 75

F. B. [illegible] Pg. [illegible]

765420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

JOB NO. 0300.00 SURVEY OF GEOD CONTROL
SURVEY BY E. BROOKS
NOTES BY R. SMITH DATE 3-31-75
INDEXED L. M. PALMER DATE
NOTES RED DATE
NOTES CHKD. DATE

F.B. 2452 PG. 80

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
T.P 45	431.746										
+	0.726										
Σ	432.472										
−	9.852										
T.P 44	422.620										
+	0.269										
Σ	422.889										
−	9.802										
T.P 43	413.087										
+	0.298										
Σ	413.385					9.659			9.612		
−	9.963					0.220			0.358		
TP 42	403.422					9.439			9.254		
+	0.220										
Σ	403.642								9.503		
−	9.659								0.251		
T.P 41	393.983								9.252		
+	1.087										
Σ	395.070										
−	9.585										
TP 40	385.485										
+	0.269										
Σ	385.754										
−	9.579										
TP 39	376.175										
+	0.374										
Σ	376.549										
−	9.931										
TP 38	366.618										

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL

DATE _____ SURVEY BY FE Brooks

NOTES CHKD. _____ NOTES BY FEB DATE 1 April 75

DATE _____ INDEXED T. M. PALMERI DATE [illegible]

F. B. 1452 PG. 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.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 38	366.618					
+	0.349					
π	366.967					
−	9.949					
TP 39	357.018					
+	0.550					
π	357.568					
−	9.700					
TP 36	347.868					
+	0.311					
π	348.179					
−	9.668					
TP 35	338.511					
+	1.279					
π	339.790					
−	9.393					
TP 34	330.397					
+	1.255					
π	331.652					
−	9.475					
TP 33	322.177					
+	0.636					
π	322.813					
−	9.719					
TP 32	313.094					
+	0.392					
π	313.486					
−	9.903					
TP 31	303.583					

76S420 353 3-51

76S420 353 3-51

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725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 31	303.583					
+	0.660					
⊼	304.243					
−	9.895					
TP 30	294.348					
+	0.379					
⊼	294.727					
−	9.800					
TP 29	284.927					
+	1.624					
⊼	286.551					
−	9.498					
TP 28	277.053					
+	0.625					
⊼	277.678					
−	9.632					
TP 27	268.046					
+	0.962					
⊼	269.004	269.008				
−	9.536					
TP 26	259.4~~68~~72					
+	0.953					
⊼	260.4~~21~~25					
−	9.822					
TP 25	250.~~599~~603					
+	0.491					
⊼	251.09~~0~~4					
−	9.493					
TP	241.~~597~~601					

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 1 April 75 NOTES CHKD.
INDEXED T. M. PALMERI DATE MAY 22 75 DATE

F. B. 3452 PG. 82

769420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	241.~~897~~	601				
+	0.637					
π	242.23~~4~~	8				
-	9.611					
TP	232.62~~3~~	7				
+	0.545					
π	233.1~~68~~	72				
-	9.903					
TP	223.2~~65~~	9				
+	0.400					
π	223.6~~65~~	9				
-	8.818					
TP	214.8~~47~~	51				
+	0.582					
π	215.4~~29~~	33				
-	9.389					
TP	206.0~~40~~	4				
+	0.750					
π	206.79~~0~~	4				
-	9.597					
TP	197.19~~3~~	9				
+	0.638					
π	197.83~~1~~	5				
-	9.468					
TP	188.36~~3~~	7				
+	0.660					
π	189.02~~3~~	7				
-	9.629					
TP	179.39~~4~~	8				

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. _____ NOTES BY FE B DATE 1 April 25
DATE _____ INDEXED L. M. PALMER DATE [illegible]

F.B. 2452 PG. 43

F.B. 9452 PG. 84

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.

SURVEY BY F.E. Brooks DATE

NOTES BY FEB DATE 1 April 75 NOTES CHKD.

INDEXED T. M. PALMERI DATE MAY 22 '75 DATE

768420 353 3-51

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	179.394 8					
+	0.508					
T	179.902 6					
-	9.170					
TP	170.732 6					
+	0.322					
T	171.054 8					
-	9.620					
TP	161.434 8					
+	0.380					
T	161.814 8					
-	8.764					
TP	153.050 4					
+	0.562					
T	153.612 6					
-	2.368					
TP	151.244 8					
+	0.661					
T	151.905 9					
-	6.970					
TP	144.935 9					
+	1.230					
T	146.165 9					
-	3.428					
TP	142.737 41					
+	2.187					
T	144.924 8					
-	6.721					
TP.	138.203 7					

76S420 353 3-51

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725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
TP	138.20~~1~~	7				10					
+	5.431										
π	143.63~~1~~	8									
−	4.038										
TP	139.~~596~~	600				9					
+	1.634										
π	141.23~~1~~	4									
−	9.248										
TP	131.98~~2~~	6				8					
+	0.310										
π	132.29~~2~~	6									
−	8.691										
TP	123.60~~1~~	4				7					
+	1.891										
π	125.49~~2~~	6									
−	8.879					6					
TP	116.61~~2~~	7									
+	1.798										
π	118.41~~1~~	5									
−	9.040										
TP	109.37~~1~~	5				5					
+	2.341								502		
π	111.71~~2~~	6							388		
−	5.324								114		
TP	106.3~~88~~	92				4					
+	3.364										
π	109.75~~2~~	6									
−	7.116										
TP	102.63~~6~~	40				3					

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY F E Brooks
NOTES CHKD. _____ NOTES BY PEB DATE 1 April 75
DATE _____ INDEXED L. M. PALMERI DATE MAY 22 75

F. B. ~~2452~~ PG. 85

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY FEB Brooks DATE
NOTES BY FEB DATE 1 April 75 NOTES CHKD.
INDEXED L. M. PALMERI DATE [illegible] 22 75 DATE

F. B. 2452 PG. 86

769420 353 3-51

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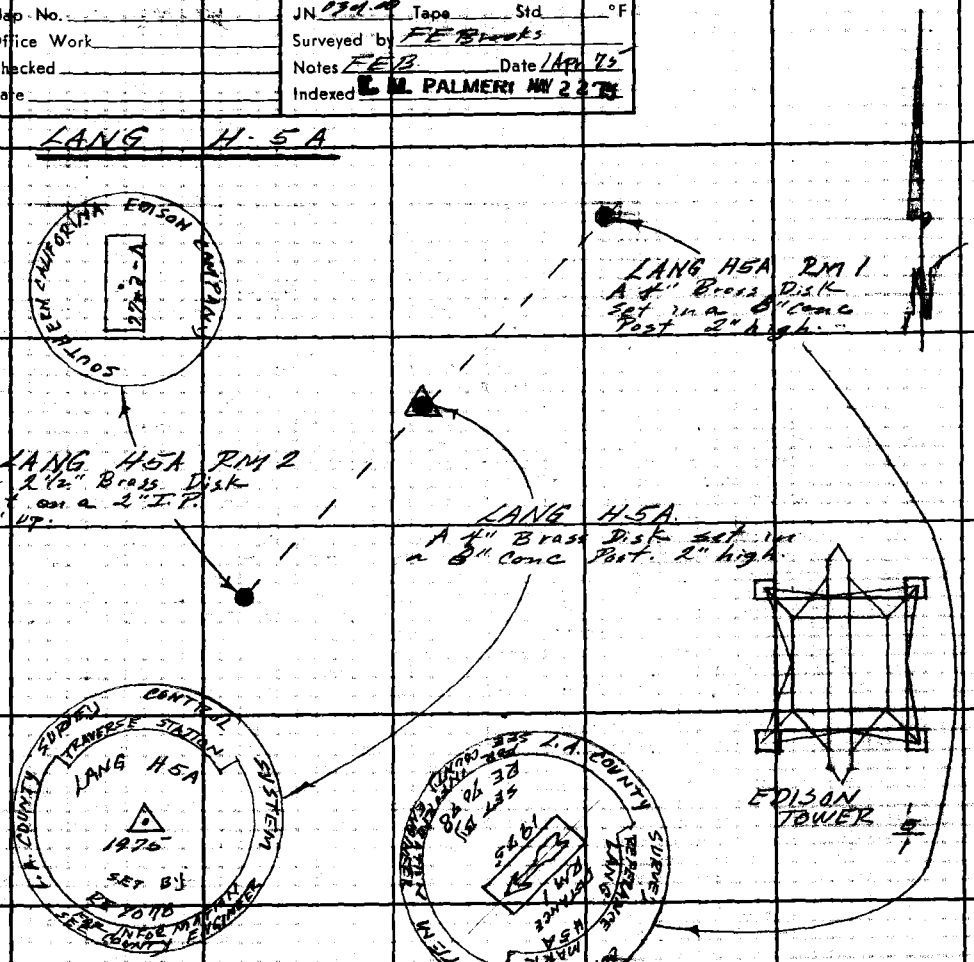
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	~~ADJ.~~ ELEV. PREL.	DESCRIPTION
TP	102.632	40				3
+	4.229					
π	106.865	9				
−	5.202					
TP	101.663	7				2
+	6.612					
π	108.275	9				
−	5.120					
TP	103.155	9				1
+	6.578					
π	109.733	7				
−	4.263					
BM 202-46	105.470	4 (133)	2058.870		2058.970	BM 202-46 (BL1640)
+	3.145					F.B. 2878-162, 163 see pg 68 This F.B.
π	108.615	9				
−	8.720					
BM 202-45	99.895	9 (34)	2053.295		2053.396	BM 202-45 (BL1641) assumed Elev. 100.000 per pg 68.

Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2452 PG. 87
Map No.	JN 034.00 Tape Std °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes FEB Date 1 Apr 75	
Date	Indexed E. M. PALMERI MAY 22 75	

LANG H-5A



REF.
F.B. #320 - 21/22

LANG H5A is 420.78 above BM 202 - 45
LANG H5A RM1 is 428.75 above BM 202 - 45
LANG H5A RM2 is 429.92 above BM 202 - 45

Page 76

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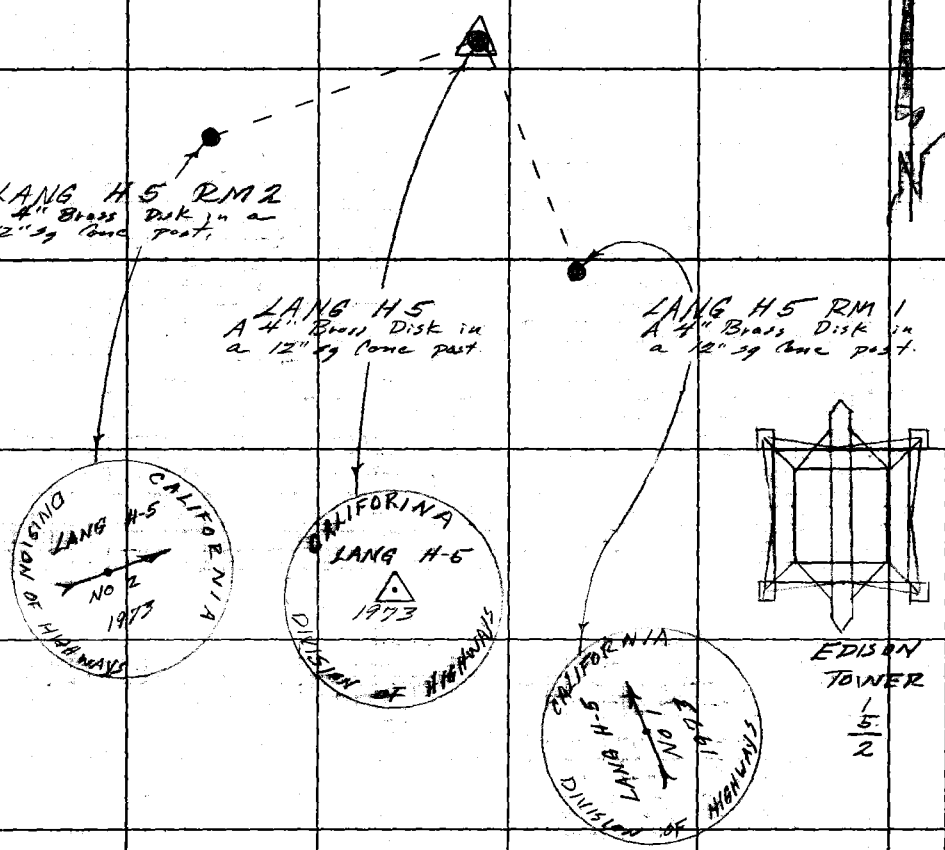
76F309S CE#310 1-65

F. B. 2452 PG. 88

LANG H 5



KEF.

F.B. 4320 -21

LANG H-5	is 375.06	above	BM 202 - 45
LANG H-5 No 1	is 375.74	above	BM 202 - 45
LANG H-5 No 2	is 374.23	above	BM 202 - 45

Page 77 & 78

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NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control

DATE _____ SURVEY BY FE Brooks

NOTES CHKD. _____ NOTES BY FEB DATE 1 April 75

DATE _____ INDEXED E. M. PALMER DATE MAY 22 75

F. B. 2452 Pg. 89

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 0301.00						
GEODETIC CONTROL						
ELEVATION DIFFERENCE						
BETWEEN BM 202-25						
AND STATION SLEEPY VALLEY H-12						
					Brooks	
					Smith	
					Creason	
					Krohn	

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765420 S & E-353 9-55

76S420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FE Brooks NOTES CHKD. DATE
NOTES BY FEB DATE 1 April 75
INDEXED J. M. PALMER DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 202-25	100.000				2717.516	BM 202-25 (BL 1662) FB 2878-145
+	8.368					Assumed Elevation = 100.000
π	108.368					Sierra Hwy and Agua Dulce Canyon
−	5.452					Rd. L&T stamped RDBM in North
TP 1	102.916					end of Culvert #35.91
+	3.663					
π	106.579					
−	6.032					
TP 2	100.547					
+	3.652					
π	104.199					
−	4.257					
TP 3	99.942					
+	7.135					
π	107.077					
−	1.748					
TP 4	105.329					
+	6.004					
π	111.333					
−	3.679					
TP 5	107.654					
+	7.235					
π	114.889					
−	1.516					
BM 201-86	113.373	6	2730.889'		2730.887	BM 201-86 F.B. 2846-61
+	9.273					Sierra Hwy and Johnson Rd. N.E.
π	122.646					Cor. 2½" Brass Disk in a 12" sq
−	0.533					Conc post.
TP 6	122.113					

F.B. 2452 PG. 90

765420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	122.113					
+	8.657					
Σ	130.770					
−	1.312					
TP 7	129.458					
+	9.222					
Σ	138.680					
−	1.128					
TP 8	137.552					
+	9.693					
Σ	147.245					
−	0.730					
TP 9	146.515					
+	7.965					
Σ	154.480					
−	1.752					
TP 10	152.728					
+	9.300					
Σ	162.028					
−	8.030					
TP 11	153.998					
+	3.330					
Σ	157.328					
−	3.104					
TP 12	154.224					
+	9.635					
Σ	163.859					
−	0.385					
TP 13	163.474					

NOTES RED _____ JOB NO. 0701.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD _____ NOTES BY FEB DATE 1 April 75
DATE _____ INDEXED L. M. PALMER DATE 4/22/75

F. B. 2452 PG. 91

F.B. 3452 Pg. 92

JOB NO. 0301.01 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FF Brooks DATE
NOTES BY FEB DATE 1 April 75 NOTES CHKD.
INDEXED L. M. PALMERI DATE DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 13						
+	191.424					
T	9.693					
-	182.127					
	0.542					
TP 14	182.585					
+	9.310					
T	181.905					
-	0.267					
TP 15	181.638					
+	9.214					
T	190.882					
-	0.310					
TP 16	190.572					
+	9.685					
T	200.257					
-	1.034					
TP 17	199.223					
+	9.832					
T	209.055					
-	0.248					
TP 18	208.807					
+	9.732					
T	218.539					
-	1.124					
TP 19	217.415					
+	8.080					
T	225.495					
-	0.952					
TP 20	224.543					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 20	224.543					
+	9.065					
⊼	233.608					
−	2.715					
TP 21	230.893					white rock in conc footing
+	9.744					
⊼	240.637					
−	0.575					
TP 22	240.062					
+	9.348					
⊼	249.410					
−	0.518					
TP 23	248.892					
+	9.330					
⊼	258.222					
−	0.192					
TP 24	258.030					
+	9.156					
⊼	267.186					
−	0.967					
TP 25	266.219					
+	8.155					
⊼	274.374					
−	8.757					
TP 26	265.617					
+	7.119					
⊼	272.736					
−	0.530					
TP 27	272.206					

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 1 April 75
DATE INDEXED T. M. PALMER DATE 1 Apr 75

F. B. 2452 PG. 97

F. B. 245 Pg. 94

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FE B DATE 1 April 75 NOTES CHKD.
INDEXED L. M. PALMERI DATE 22 '75 DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 27	272.206					
+	9.860					
T	282.066					
-	0.512					
TP 28	281.554					
+	9.278					
T	290.832					
-	0.412					
TP 29	290.420					
+	9.865					
T	300.285					
-	0.760					
TP 30	299.525					
+	9.550					
T	309.075					
-	1.088					
TP 31	307.987					
+	9.653					
T	317.540					
-	0.374					
TP 32	317.166					
+	9.740					
T	326.906					
-	0.849					
TP 33	326.057					
+	9.809					
T	335.866					
-	0.303					
TP 34	335.563					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
TP 34	335.563										
+	9.699										
⊼	345.262										
−	0.535										
TP 35	344.727										
+	9.004										
⊼	353.731										
−	0.411										
TP 36	353.320										
+	8.696										
⊼	362.016										
−	0.557										
TP 37	361.459										
+	9.283										
⊼	370.742										
−	1.083										
TP 38	369.659										
+	9.480										
⊼	379.139										
−	0.402										
TP 39	378.737										
+	9.501										
⊼	388.238										
−	0.348										
TP 40	387.890										
+	9.761										
⊼	397.651										
−	0.335										
TP 41	397.316										

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY F.E. Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 2 April 75
DATE ____ INDEXED L. M. PALMERI DATE MAY 22 75

F.B. 1452 PG. 95

F. B 2452 PG. 96

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F E Brooks DATE
NOTES BY FEB DATE 2 April 75 NOTES CHKD.
INDEXED L. M. PALMERI DATE MAY 22 DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 41	399.316					
+	9.498					
T	408.814					
-	0.448					
TP 42	408.336					
+	9.541					
T	418.877					
-	0.702					
TP 43	418.175					
+	9.578					
T	427.753					
-	0.392					
TP 44	427.361					
+	9.453					
T	436.857					
-	0.318					
TP 45	436.539					
+	9.412					
T	445.950					
-	0.223					
TP 46	445.727					
+	9.809					
T	455.536					
-	0.189					
TP 47	455.347					
+	9.853					
T	465.197					
-	0.215					
TP 48	465.982					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 48	461.980					
+	9.408					
π	471.388					
−	0.537					
TP 49	470.851					
+	9.252					
π	480.103					
−	0.412					
TP 50	479.691					
+	9.309					
π	489.000					
−	0.315					
TP 51	488.685					
+	9.841					
π	498.526					
−	0.299					
TP 52	498.227					
+	9.756					
π	507.983					
−	0.350					
TP 53	507.633					
+	9.490					
π	517.123					
−	0.260					
TP 54	516.863					
+	9.365					
π	526.228					
−	0.249					
TP 55	525.979					

NOTES RED _____ JOB NO. 0304.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. _____ NOTES BY FE B DATE 2 April 75
DATE _____ INDEXED L.M. PALMERI DATE NOV 22 78

F. B. 4452 Pg. 99

F. B. 2452 PG. 98

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.

SURVEY BY FE Brooks DATE

NOTES BY FEB DATE 2 April 75 NOTES CHKD.

INDEXED E. M. PALMERI DATE NOV 22 '75 DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 55	525.979					
+	9.370					
⊼	535.349					
−	0.430					
TP 56	534.919					
+	9.746					
⊼	544.665					
−	0.544					
TP 57	544.121					
+	9.863					
⊼	553.984					
−	0.504					
TP 58	553.480					
+	9.595					
⊼	563.075					
−	1.706					
TP 59	561.369					
+	9.662					
⊼	571.031					
−	0.415					
TP 60	570.616					
+	8.634					
⊼	579.250					
−	3.167					
Sleepy Valley H-12	576.143	(62) 3193.659			3193.639	Sleepy Valley H-12 A 4" Brass Disk in 8" cone post 2" VP per pg. 109
+	3.743					
⊼	579.886					
−	4.156					
2" I.P.	575.730	(63) 3193.246			3193.226	2" I.P. Wood plug # L.A. Co. Rd Dept Tag per pg 109

Elevation by assumed BM
Elev = 100.000 per pg 90

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
2" I.P.	575.730	63	3193.246	3193.226		
+	4.329					
⊼	580.059					
−	4.655					
RM 1	575.404	64	3192.920		3192.899	RM #1 A 4" Brass Disk in 8" conc post 2" up per pg 109
+	4.514					
⊼	579.918					
−	6.324	65				
RM 2	573.594	3191.110			3191.089	RM #2 A 4" Brass Disk in a 8" conc post 2" up per pg 109
+	5.882					
⊼	579.476					
−	8.868					
TP 60	570.618					
+	0.579					
⊼	571.197					
−	9.825					
TP 59	561.372					
+	1.293					
⊼	562.665					
−	9.183					
TP 58	553.482					
+	0.602					
⊼	554.084					
−	9.962					
TP 57	544.122					
+	0.714					
⊼	544.836					
−	9.916					
TP 56	534.920					

Elevations by assumed B.M. Elev. = 100.000 per pg 90

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 2 April 75
DATE INDEXED L. M. PALMERI DATE MAY 22 75

F.B. 2452 Pg. 99

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 2 April 75 NOTES CHKD.
INDEXED L. M. PALMERI DATE MAY 22 75 DATE

F. B. 3462 PG. 100

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 56	534.920					
+	0.647					
⊼	535.567					
−	9.586					
TP 55	525.981					
+	0.480					
⊼	526.461					
−	9.603					
TP 54	516.858					
+	0.773					
⊼	517.631					
−	9.999					
TP 53	507.632					
+	0.521					
⊼	508.153					
−	9.930					
TP 52	498.223					
+	0.276					
⊼	498.499					
−	9.818					
TP 51	488.681					
+	0.540					
⊼	489.221					
−	9.518					
TP 50	479.703					
+	0.797					
⊼	480.500					
−	9.633					
TP 49	470.867					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 49	470.867					
+	0.195					
Σ	471.062					
−	9.067					
TP 48	461.995					
+	0.194					
Σ	462.189					
−	9.834					
TP 47	452.355					
+	0.588					
Σ	452.943					
−	9.772					
TP 46	443.171					
+	0.300					
Σ	443.471					
−	9.919					
TP 45	433.552					
+	0.353					
Σ	433.905					
−	9.491					
TP 44	424.414					
+	0.861					
Σ	425.275					
−	9.988					
TP 43	415.287					
+	0.859					
Σ	416.146					
−	9.796					
TP 42	406.350					

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control.
DATE _____ SURVEY BY FE Brooks
NOTES CHKD _____ NOTES BY FEB DATE 24 April 75
DATE _____ INDEXED E. M. PALMERI DATE MAY 22 75

F. B. 2452 PG. 101

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 42	406.350					
+	0.674					
⊼	407.024					
−	9.692					
TP 41	397.332					
+	0.847					
⊼	398.179					
−	9.761					
TP 40	388.418					
+	0.363					
⊼	388.781					
−	9.905					
TP 39	378.876					
+	0.223					
⊼	379.099					
−	9.428					
TP 38	369.671					
+	0.245					
⊼	369.916					
−	8.444					
TP 37	361.472					
+	0.661					
⊼	362.133					
−	8.799					
TP 36	353.334					
+	0.356					
⊼	353.690					
−	8.950					
TP 35	344.740					

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED
SURVEY BY F.E. Brooks DATE
NOTES BY F.E.B. DATE 2 April 75 NOTES CHKD.
INDEXED T. M. PALMERI DATE 2 2 75 DATE

F. B 2452 PG. 102

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 35	344.740					
+	0.474					
⊼	345.214					
−	9.629					
TP 34	335.585					
+	0.336					
⊼	335.921					
−	9.842					
TP 33	326.079					
+	0.618					
⊼	326.697					
−	9.509					
TP 32	317.188					
+	0.503					
⊼	317.691					
−	9.683					
TP 31	308.008					
+	0.820					
⊼	308.828					
−	9.282					
TP 30	299.546					
+	0.814					
⊼	300.360					
−	9.923					
TP 29	290.437					
+	0.394					
⊼	290.831					
−	8.813					
TBM 1	282.018					

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FEB Brooks DATE 2 April 75
NOTES CHKD. _____ NOTES BY FEB DATE 22
DATE _____ INDEXED L. M. PALMER DATE _____

F. B. 2452 PG. 103

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM 1	282.018	(98)	2899.534		2899.502	2x2 & Nail
+	6.582					
⊼	288.600					
−	7.095					
TBM 2	281.505	(99)	2906.116		2906.084	2x2 & Nail
+	1.159					
⊼	282.664					
−	9.925					
TP 27	272.739					
+	0.959					
⊼	273.698					
−	4.166					
TP 26	269.532					
+	3.233					
⊼	272.765					
−	8.791					
TP 25	263.974					
+	0.712					
⊼	264.686					
−	9.386					
TP 24	255.300					
+	2.094					
⊼	257.394					
−	8.464					
TP 23	248.930					
+	1.071					
⊼	250.001					
−	9.901			✓		
TP 22	240.100					

JOB NO. 0701.00 SURVEY OF Geodetic Control NOTES RED
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 7 April 75 NOTES CHKD
INDEXED L. M. PALMERI DATE MAY 22 75 DATE

F. B. 2452 PG. 104

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 22	240.100					
+	0.462					
⊼	240.562					
−	9.633					0.036
TP 21	230.929					white Rock cone footing
+	1.788					
⊼	232.717					
−	8.139					
TP 20	224.578					
+	2.065					
⊼	226.643					
−	9.193					
TP 19	217.450					
+	1.521					
⊼	218.971					
−	9.868					
TP 18	209.103					
+	0.320					
⊼	209.423					
−	9.845					
TP 17	199.578					
+	0.999					
⊼	200.577					
−	9.968					
TP 16	190.609					
+	0.856					
⊼	191.465					
−	9.789					
TP 15	181.676					

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 7 April 75
DATE INDEXED L. M. PALMERI DATE NW 22 75

F. B. 2452 PG. 105

F. B. 2452 PG. 101

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 7 April 75 NOTES CHKD.
INDEXED L. M. PALMERI DATE MAY 22 75 DATE

768420 S & E-383 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 15	181.676					
+	0.800					
T	182.476					
-	9.842					
TP	172.634					
+	1.465					
T	174.099					
-	9.238					
TP	164.861					
+	1.278					
T	166.139					
-	8.906					
TP	157.233					
+	0.667					
T	157.900					
-	9.208					
TP	148.692					
+	0.690					
T	149.382					
-	9.087					
TP	140.295					
+	2.669					
T	142.962					
-	6.841					
TP	136.021					
+	5.622					
T	141.643					
-	9.227					
TP	132.416					

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	132.416					
+	1.132					
⊼	133.548					
−	8.230					
TP	125.318					
+	0.622					
⊼	125.940					
−	6.945					
TP	118.995					
+	4.961					
⊼	123.956					
−	5.268					
TP	118.688					
+	5.018					
⊼	123.706					
−	6.108					
TP	117.598					
+	4.044					
⊼	121.642					
−	7.512					
TP	114.130					
+	5.444					
⊼	119.574					0.034
−	6.167					
BM 201-B6	113.407	(125)	2730.923		2730.883	BM 201-B6 F.B. 2846-61
+	0.667					Sierra Hwy & Johnson Rd. 2½" Button
⊼	114.074					Disk in 12" Cone post.
−	6.570					
TP 5	107.504					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FEB Brooks
NOTES CHKD ____ NOTES BY FEB DATE 7 April 75
DATE ____ INDEXED L. M. PALMERI DATE 22 [illegible]

F. B. 2452 PG. 107

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	107.504					
+	1.382					
⊼	108.886					
−	8.904					
TP 4	99.982					
+	4.675					
⊼	104.657					
−	4.067					
TP 3	100.590					
+	6.348					
⊼	106.938					
−	3.979					
TP 2	102.959					
+	5.592					
⊼	108.551					
−	8.509					
BM 202-25	100.042	0.4 (130)	2717.558		2717.516	BM 202-25 (BL 1662) F.B. 2878-145 Assumed Elevation = 100.000 Sierra Hwy and Agua Dulce Rd. L&T Stamped BM in North end of Conc. Culvert # 35.91

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 7 April 75 NOTES CHKD.
INDEXED T. M. PALMERI DATE 22 DATE

F.B. 2452 PG. 108

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301-00 Tape Std °F
Office Work	Surveyed by F E BROOKS
Checked	Notes F E B Date 7 Apr 75
Date	Indexed [illegible] PALMERI MAY 22 75

F. B. 2452 PG. 109

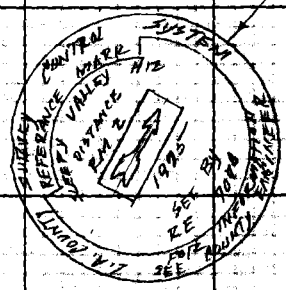
SLEEPY VALLEY H 12

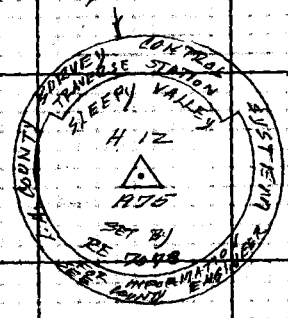
SLEEP VALLEY H12 RM 1
A 4" Brass Disk set in a 6" conc post. 2" up.

A Battered 2" I.P. Wood Plug and L.A. Co. Rd. Dept. Tag

SLEEPY VALLEY H12
A 4" Brass Disk set in a 6" conc post 2" up.

SLEEPY VALLEY H12 RM 2
A 4" Brass Disk set in a 6" conc post 2" up.





REF.
F.B. 4320 - 33
34

SLEEPY VALLEY H 12	is 476.14	above BM 202 - 25
SLEEPY VALLEY H 12 RM 1	is 475.40	above BM 202 - 25
SLEEPY VALLEY H 12 RM 2	is 473.59	above BM 202 - 25
2" I.P. Wood plug & Rd. Dept. Tag	is 475.73	above BM 202 - 25

Page. 98, 99

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78F309S GE#310 1-65

F. B. 1452 PG. 110

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2452 PG. 111

Profile No. | Notes Red | Plotted | Job No. 0301.00 | Division No.
Date | Date | Survey of GEODETIC CONTROL
X-Sec. No. | Notes Chk'd. | Checked | Survey by F.E. Brooks | Notes | Date
Date | Date | Map No. | Indexed L. M. PALMER | Date NOV 22 75

3 N 0301.00

GEODETIC CONTROL

ELEVATION DIFFERANCE

BETWEEN BM 201-78

AND STATION RITTER RIDGE A-13

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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-298 CE 307 8-70

76-L-298 CE 307 8-70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM 201-78	100 000			3305 095	BM 201-78	F.B. 2846-53
+	9 089				Assumed elev. = 100.000	
⊼	109 089				Sierra Hwy. N. side at Culvert #31.24	
−	0 469				near CHRIST FAITH MISSION HOME	
TP 1	108 620					
+	9 793					
⊼	118 413					
−	0 303					
TP 2	118 110					
+	9 659					
⊼	127 769					
−	0 537					
TP 3	127 232					
+	9 548					
⊼	136 780					
−	0 651					
TP 4	136 129					
+	9 952					
⊼	146 081					
−	0 551					
TP 5	145 530					

F. B. 2452 Pg. 112
Job No. 0301.00 Division No. Notes Red Plotted Profile
Survey of GEODETIC CONTROL Date Date No.
Survey by F.E. Brooks Notes R Smith Notes Chk'd. Checked X-Sec.
Indexed L. M. PALMERI Date [illegible] Date Date No.

76S420 S & E-353 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	145.530					
+	9.810					
⊼	155.340					
−	0.590					
TP 6	154.750					
+	9.919					
⊼	164.669					
−	0.657					
TP 7	164.012					
+	9.986					
⊼	173.998					
−	0.577					
TP 8	173.421					
+	9.862					
⊼	183.283					
−	0.542					
TP 9	182.741					
+	9.902					
⊼	192.643					
−	1.361					
TP 10	191.282					
+	7.830					
⊼	199.112					
−	4.020					
TP 11	195.092					
+	4.722					
⊼	199.814					
−	6.948					
T.P 12	192.866					

NOTES RED ____ JOB NO. 030400 SURVEY OF Geod
DATE ____ SURVEY BY F. E. BROOKS
NOTES CHKD. ____ NOTES BY R. SMITH DATE 4-7-75
DATE ____ INDEXED E. M. PALMERI DATE 4-22-75

F.B. 2457 Pg. 113

76S420 S & E-353 9-55

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JOB NO. 0303.00 SURVEY OF GEOD CONT
SURVEY BY F.E. BROOKS DATE 4-7-71
NOTES BY R. Smith DATE 4-7-71
INDEXED L. M. PALMERI DATE NOV 22 75
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 12	192 866					
+	2 183					
⊼	195 049					
−	9 811					
BM 201-79	185 238	(13)	3390.313		3390.316'	BM 201-79 EL. FB 2846-54
+	7 419					SIERRA HWY (US #6) 12 W. WARD
⊼	192 657					RD 51.5' N. OF PAINTED WHITE LINE
−	1 756					69° E. P.P. 676620E 280° S.E.
TP 14	190 901					OF S.E. COR OF WIND MILL CAFE
+	9 745					STD L.A. CO BUTTON BRASS CAP
⊼	200 646					IN 12"x12" CONC POST UP 6"
−	0 628					+ STAMPED BM 201-79
TP 15	200 018					R.E. 5869 1961
+	9 970					
⊼	209 988					
−	1 050					
TP 16	208 938					
+	9 162					
⊼	218 100					
−	1 046					
TP 17	217 054					
+	9 792					
⊼	226 846					
−	0 227					
TP 18	226 619					
+	9 845					
⊼	236 464					
−	0 492					
TP 19	235 972					

F.B. 2452 PG. 114

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 19	235.972					
+	9.399					
π	245.371					
−	0.360					
TP 20	245.011					
+	8.248					
π	253.259					
−	2.703 (21)					
SET 1/4 SEC. COR.	250.556	~~3455.~~631		3455.636'		1/4 SEC. COR. STD C.E. BRASS DISK IN 6" CONC POST DN 4" + STAMPED" SEC 9 / SEC 16 1/4 COR. R.E. 5869" see pg 120
+	1.221					
π	251.777					
−	9.568					
TP 21	242.209					
+	0.461					
π	242.670					
−	5.507					
TP 22	237.163					
+	2.900					
π	240.063					
−	1.054					250.556 pg 115
TP 23	239.009					250.552 pg 117
+	8.970					250.554 mean elev.
π	247.979					
−	0.428					
TP 24	247.551					
+	9.601					
π	257.152					
−	4.484					
TP 25	252.668					

Elevation by assumed B.M. elev. = 100.000 per pg 112

NOTES RED ____ JOB NO. 0303.00 SURVEY OF GEOD CONT
DATE ____ SURVEY BY E.E. BROOKS
NOTES CHKD ____ NOTES BY R. SMITH DATE 4-8-75
DATE ____ INDEXED E.M. PALMERI DATE MAY 22 75

F. B2452 Pg. 115

76S420 S & E-353 9-55

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JOB NO. 030800 SURVEY OF GEOD CONT
SURVEY BY F E BROOKS DATE
NOTES BY R SMITH DATE 4-8-75 NOTES CHKD.
INDEXED E. M. PALMER DATE 4-22-75 DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P 25	252 668					
+	3 831					
⊼	256 499					
−	1 761					
TP 26	254 738					
+	9 820					
⊼	264 558					
SET −	5 365					
RM # 1	259 193	(28) 3464.268		3464.274'		RM # 1 F.B 2452-119
+	5 427					STD 4" BRASS REF CAP IN 8" CONC
⊼	264 620					POST UP. 3" see pg 119
SET −	4 549					
STA MARK	260 071	(29) ~~3465.146~~ 3465.152'				RITTER RIDGE A-13
+	4 788					STD. 4" TRI. BRASS CAP IN 8" CONC
⊼	264 859					POST UP. 3" see pg 119
−	6 552					
SET −						
RM # 2	258 307	(30) 3463.382'			3463.389	RM # 2
+	6 353					STD 4" BRASS CAP IN 8" CONC
⊼	264 660					POST UP 3" see pg 119
−	9 923					
TP 26	254 737					
+	1 467					
⊼	256 204					
−	3 540					
TP 25	252 664					
+	4 318					
⊼	256 982					
−	9 434					
TP 24	247 548					

Elevations by assumed B.M. Elev. = 100.000 per Pg. 112

F.B 2452 PG. 116

76S420 S & E-353 9-55

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Do not extend notes this side of this line

247.548

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 24	247.554					
+	0 500					
⊼	248 054	48				
−	9 042					
TP 23	239 012	06				
+	1 234					
⊼	240 246	40				
−	3 081					
TP 22	237 165	59				
+	4 505					
⊼	241 670	64				
−	0 713					
TP 21	240 957	51				
+	9 904					
⊼	250 861	55				
−	2 229					
TP 20	248 632	26				
+	3 912					
⊼	252 544	38				
−	1 992					
FP 1/4 SEC COR	250 552	46				
+	0 880					
⊼	251 432	26				
−	9 358					
TP 20	242 074	68				
+	1 957					
⊼	244 031	25				
−	8 064					
TP 19	235.967	61				

(38) 3455.621'

Elevation by assumed B.M.
Elev. = 100.000 Pg 112

Pr 3455.629 1/4 SEC COR
(SEE PAGE #115)

NOTES RED. JOB NO. 0308.00 SURVEY OF GOOD COUNT
DATE SURVEY BY F E BROOKS
NOTES CHKD. NOTES BY R SMITH DATE 4-9-75
DATE INDEXED L. M. PALMERS DATE 4-22-75

F.B. 2452 PG. 117

76S420 S & E-353-9-55

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JOB NO. 0303.00 SURVEY OF GEOD CONT.
SURVEY BY F.E. BROOKS
NOTES BY R. SMITH DATE 4-8-75
INDEXED L. M. PALMERI DATE 11-22-75
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 19	235.961	61				
+	0.606					
⊼	236.573	67				
−	9.960					
TP 18	226.613	07				
+	0.201					
⊼	226.814	08				
−	9.767					
TP 17	217.047	41				
+	1.013					
⊼	218.060	54				
−	9.168					
TP 16	208.892	86				
+	1.018					
⊼	209.910	04				
−	9.901					
TP 15	200.009	3				
+	1.671					
⊼	201.680	74				
−	7.868					
TP 14	193.812	06				
+	0.919					
⊼	194.731	25				
−	9.502					
FD BM 201-79	185.229	3 O.K.	3390.298' (46)		3390.308'	BM 201-79 FB 2846-54 SEE PG 114 FOR DESC.

DIFF. FROM AN ASSUMED 100.00' @ BM 201-78 - F.B 2846 + 53

NOTE PAGES 112 → 114 RUN BETWEEN 201-78 + 201-79 CHECK WITHIN 0.005 (NOT RUN BACK)

F.B. 2452 PG. 118

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 8 Apr 75
Date	Indexed L. M. PALMER NOV 22 '75

F. B. 2452 PG. 119

RITTER RIDGE A 13

SEC 9
T5N

900'± To 1/4 Cor.

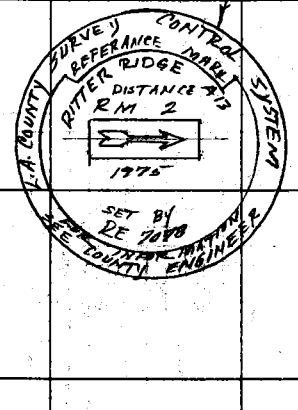
SECTION LINE

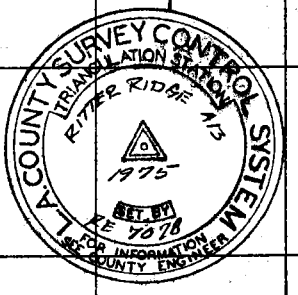
RITTER RIDGE A 13 RM2
A 4" Brass Disk set in a 8" conc post 3" high.

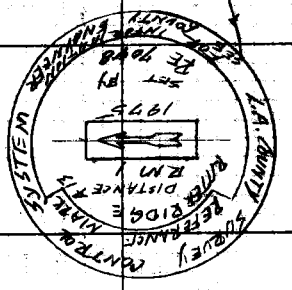
SEC 16
R13W

RITTER RIDGE A13
A 4" Brass Disk set in a 8" conc post 3" high.

RITTER RIDGE
A 13 RM 1
A 4" Brass Disk set in a 8" conc post 3" high.







REF.
F.B. 4320-31
32

RITTER RIDGE A13	is 260.07' above	BM 201-78
RITTER RIDGE A13 RM1	is 259.19' above	BM 201-78
RITTER RIDGE A13 RM2	is 258.31' above	BM 201-78

Page 116

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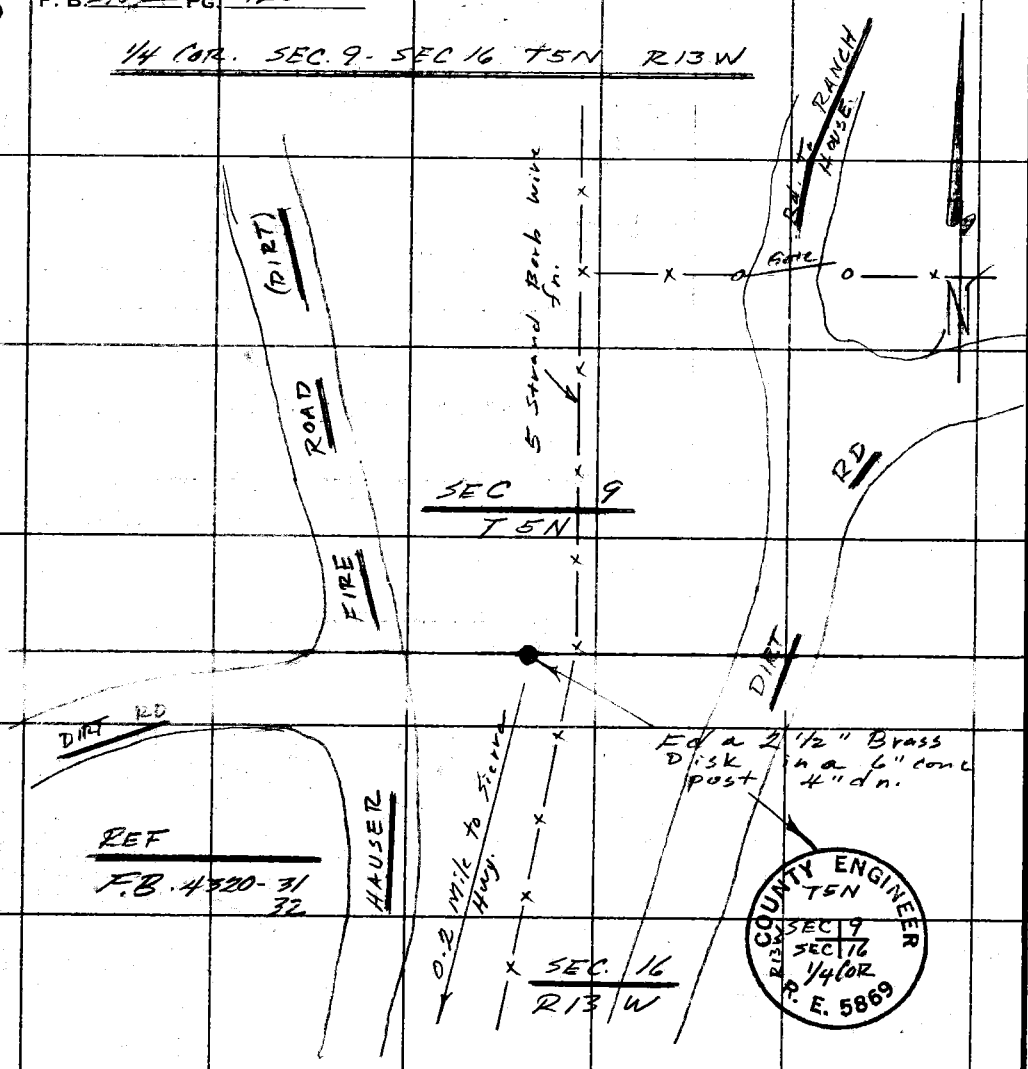
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 2452 PG. 120

1/4 COR. SEC. 9 - SEC 16 T5N R13W



1/4 COR SEC 9 - SEC 16 is 250.55' above BM R01-78

Page 115

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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.

Profile No.	Notes Red	Plotted	Job No. 0301.00	Division No.	F. B. 2452	PG. 121
	Date	Date	Survey of GEODETIC CONTROL			
X-Sec. No.	Notes Chk'd.	Checked	Survey by FE Brooks	Note R.D.S.	Date 4-14-75	
	Date	Date	Map No.	Indexed L. M. PALMER	Date MAY 22 '75	

S.N 0301.00

GEODETIC CONTROL

ELEVATION DIFFERANCE

BETWEEN BM 201-B1A

AND STATION RITTER RIDGE D13

Note

Circuit broken into sections by numbered TBMs.

STATION	B.S.	H.I.	F.S.	ELEV.
			Brooks	
			Smith	
			Crosson	
			Krohn	

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

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76-L-28 CE 307 8-70

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.		
Bin 201-77A	200 000			3239.721	BM 201-77A	FB 3728 - 175
+	0 533				Assumed Elev. 200.000	
π	200 533				Sierra Hwy and Shannondale Rd. N.W. Cor.	
−	7451				at Hwy station 30.92 a 2½" Button Disk	
TP 1	193082				set in a headwall	
+	2438					
π	195520					
−	8169					
TP 2	187351					
+	2482					
π	189833					
−	8089					
TP 3	181744					
+	1932					
π	183676					
−	8301					
TP 4	175375					
+	2124					
π	177499					
−	7988					
TP 5	169511					

F. B. 2452 PG. 122
Job No. 03-01-00 Division No. Notes Red Plotted Profile
Survey of GEODETIC CONTROL Date Date No.
Survey by FEBrooks Notes RD Smith Notes Chk'd. Checked X-Sec.
Indexed I. H. PALMER Date NOV 23 75 Date Date No.

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	169.511					
+	2.019					Diff. in elev. between BMs 201-77A and 201-77
⊼	171.530					= 12.888 meters = 42.283 feet. per office.
−	8.303					
TP 6	163.227					BM 201-77A 200.000 field assumed
+	2.380					BM 201-77 157.723 field meas.
⊼	165.607					diff = 42.277
−	7.884					
FD BM 201-77	157.723		3197.444		3197.444	BM. 201-77 EL. F.B 2846-52
+	2.781					SIERRA HWY @ CULVERT
⊼	160.504					= 30.66 0.2 MI E. SHANNDALE.
−	6.213					RD. A 2½" BUTTON BRASS.
TP 7	154.291					DISC. IN NO. HEAD WALL.
+	3.718					
⊼	158.009					42.283
−	4.309					42.277
TP 8	153.700					0.006 diff from record.
+	5.842					no rerun from BM 201-77 To BM 201-77A.
⊼	159.542					
−	4.812					
TP 9	154.730					
+	7.015					
⊼	161.745					
−	3.230					
TP 10	158.515					
+	6.995					
⊼	165.510					
−	4.270					
TP 11	161.240					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEOD CONT.
DATE ____ SURVEY BY F.E. BROOKS.
NOTES CHKD. ____ NOTES BY R. SMITH DATE 4-14-75
DATE ____ INDEXED L. M. PALMERI DATE MAY 22 75

F. B2452 Pg. 123

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 11	161,240					
+	4 505					
⊼	165745					
−	2815		3202.651			
SET TBM #1	162930	⑥ Cont on Pg 125			3202.643	TBM #1 ELEV. 162.930 UP DIRT ROAD EAST OFF SIERRA HWY. (NEAR BM. 201-77) RIGHT SIDE APPROX 0.2 MI. 1" I.P. UP 2" FROM FLUSH
+	4173					
⊼	167103					
−	5858					
TP 11	161245 ✓					
+	4283					
⊼	165528					
−	7008					
TP 10	158520 ✓					
+	3130					
⊼	161650					
−	6913					
TP 9	154737 ✓					
+	4609					
⊼	159346					
−	5,640					
T.P. 8	153706 ✓					
+	4129					
⊼	157835					
−	3534					
TP 7	154301 ✓					
+	6518					
⊼	160819					
−	3080					
FD BM 201-77	157739		739 723 +0.016	3197.460	3197.444	BM 201-77 ELEV 157.723 FB 2846-52 (SEE PAGE #123)

JOB NO. 0301.00 SURVEY OF GEOD COLT NOTES RED.
SURVEY BY E. E. BROOKS DATE
NOTES BY R. SMITH DATE 4-14-75 NOTES CHKD.
INDEXED L. M. PALMERI DATE 4-22-75 DATE

F.B. 2452 PG. 124

76S420 S & E-353 4-54

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

Do not extend notes this side of this line

FD B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #1	162.930		3202.651		3202.643	TBM #1 ELEV 162.930 FB 2452-124 SEE PAGE Nº 124)
+	2990					
⊼	165920					
−	3061					
TP 1	162859					
+	7510					
⊼	170369					
−	4162					
TP 2	166207					
+	0968					
⊼	167175					
−	9748					
TP 3	157427					
+	3647					
⊼	161074					
−	0703					
TP 4	160371					
+	8752					
⊼	169123					
−	0923					
TP 5	168200					
+	9279					
⊼	177479					
−	0188					
TP 6	177291					
+	9645					
⊼	186936					
−	0299					
TP 7	186.637					

NOTES RED. ____ JOB NO. 030100 SURVEY OF GEOD CONT
DATE ____ SURVEY BY F.B. BROOKS
NOTES CHKD. ____ NOTES BY R SMITH DATE 4-14-75
DATE ____ INDEXED E. M. PALMERI DATE 4/22/75

F. B2452 PG. 125

F. B2452 PG. 126

JOB NO. 0301.00 SURVEY OF GEOD COUT NOTES RED

SURVEY BY F.E. BROOKS DATE

NOTES BY R. SMITH DATE 4-14-75 NOTES CHKD.

INDEXED T. M. PALMERI DATE NOV 22 75 DATE

76S420 S & E-353 4-54

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725 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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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	186.637					
+	7.683					
⊼	194.320					
SET −	0.669		3233.364			
IBM #2	193.651	(8)	Cont. on Pg	127	3233.640	IBM #2 FL 193.651 FB2452 UP DIRT ROAD EAST OFF SIERRA HWY (NEAR BM 201-77) APPROX 0.4 MI RIGHT SIDE STD C.S. MON. 1/4 COR SEC #15 SEC #22 See pg 148
+	0.603					
⊼	194.254					
−	7.616					
TP 7	186.638					
+	0.281					
⊼	186.919					
−	9.626					
TP 6	177.293					
+	0.282					
⊼	177.575					
−	9.372					
TP 5	168.203					
+	0.792					
⊼	168.995					
−	8.623					
TP 4	160.372					
+	0.722					
⊼	161.094					
−	3.667					
TP 3	157.427					
+	9.902					
⊼	167.329					
−	1.122					
TP 2	166.207					

76S420 S & E-353 4-54

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	166,207					
+	4254					
⊼	170461					
−	7606					
TP 1	162855					
+	3005					
⊼	165860					
FD −	2938 (16)					
TBM#1	162922	3202.651	0.008		3202.643	BM#1 EL 162.930 FB2452-124 (SEE PAGE Nº 124)
FD TBM#2	193651		3233.364		3233.640	TBM#2 ELEV. 193.651 FB2452- (SEE PAGE Nº 126)
+	8153					
⊼	201804					
−	0754					
TP 1	201050					
+	9293					
⊼	210343					
−	1591					
TP 2	208752					
+	9403					
⊼	218155					
−	2898					
TP 3	215257					
+	8693					
⊼	223950					
−	0744					
TP 4	223206					

CHECK
62930
62922
0.008

NOTES RED. JOB NO. 0361 SURVEY OF GEOD CONTROL
DATE SURVEY BY F. E. BROOKS
NOTES CHKD. NOTES BY R. SMITH DATE 4-14-75
DATE INDEXED L. M. PALMER DATE NOV 22 75

F. B2452 Pg. 127

F. B2452 PG. 128

JOB NO. 0301.00 SURVEY OF GEOD CONT. NOTES RED.
SURVEY BY F.E. BROOKS. DATE
NOTES BY R. SMITH DATE 4-19-75 NOTES CHKD.
INDEXED [illegible] PALMER DATE [illegible] DATE

766420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 4	223 206	°				
+	9 620					
-	232 826					
TP 5	0 607					
+	232 219	✓				
-	9 595					
TP 6	241 814					
+	0 419					
-	241 395	✓				
TP 7	9 260					
+	250 655					
-	0 407					
TP 8	250 248	✓				
+	8 871					
-	259 119					
TP 9	0 443					
+	258 676	✓				
-	9 938					
TP 10	268 614					
+	0 326					
-	268 288	✓				
TP 11	9 846					
+	278 134					
-	0 513					
TP 11	277 621	✓				
+	9 909					
-	287 530					
TP 11	0 483					
	287 047	✓				

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 11	287.047					
+	9800					
$\bar{\pi}$	295847					
−	0490					
TP 12	295357 ✓					
+	9801					
$\bar{\pi}$	305158					
−	0687					
TP 13	304471 ✓					
+	9908					
$\bar{\pi}$	314379					
−	0987	(14)	3353.381			
SET T.BM # 3	313392 ✓		CONT'D PAGE # 131		3353.380	TBM # 3 E.L.
+	0680					DIRT ROAD EAST OFF SIERRA
$\bar{\pi}$	314072					HWY (NEAR BM. 201-77) 0.6 MI
−	9602					THENCE NORTH ± 0.2 MILE RIGHT
TP 13	304470					SIDE @ INT DIRT ROAD FROM
+	0776					WEST. AN 1" I.P. UP 3"
$\bar{\pi}$	305246					
−	9891					
TP 12	295355					
+	0240					
$\bar{\pi}$	295595					
−	8550					
TP 11	287045					
+	0373					
$\bar{\pi}$	287418					
−	9798					
TP 10	277.620					

NOTES RED ____ JOB NO. 8A100 SURVEY OF GEOD CONT.
DATE ____ SURVEY BY F.E. BROOKS.
NOTES CHKD ____ NOTES BY R. SMITH DATE 4-14-75
DATE ____ INDEXED E.M. PALMERI DATE 4-22-75

F. B2452 PG. 129

F. B2452 PG. 130

JOB NO. 0301.00 SURVEY OF GEOD CONT NOTES RED.
SURVEY BY F. E. BROOKS DATE
NOTES BY R SMITH DATE 4-14-75 NOTES CHKD.
INDEXED T. M. PALMER DATE [illegible] 22 [illegible] DATE

76S420 S & E-353 4-54

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 10	277.620					
+	0.580					
-	278.200					
TP 9	9.911					
+	268.289					
-	0.310					
TP 8	268.599					
+	9.923					
-	258.676					
TP 7	0.293					
+	258.969					
-	8.721					
TP 6	250.248					
+	0.347					
-	250.595					
TP 5	9.199					
+	241.396					
-	0.382					
TP 4	241.778					
+	9.559					
-	232.219					
TP 3	1.158					
+	233.377					
-	9.873					
TP 2	223.504					
+	0.367					
-	223.871					
TP 1	8.611					
	215.260					

7S3420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 3	215 260					
+	2.845					
π	218.105					
−	9.350					
TP 2	208.755					
+	1.650					
π	210.405					
−	9.353					
TP 1	201.052					
+	0.810					
π	201.862					
FP −	8.209					
TBM #2	193.653	28	CHECK 193.653 Pg-131 193.651 Pg-126 0.002 +	3233.642	3233.640	TBM #2 EL. F.B.2452-126 (SEE PAGE #126)
TBM #3	313.392		3353.381		3353.380	TBM #3 EL. F.B.2452-129 SEE PAGE #129
+	9.089					
π	322.481					
−	0.221					
TP 1	322.260					
+	9.448					
π	331.708					
−	0.418					
TP 2	331.290					
+	9.614					
π	340.904					
−	0.231					
TP 3	340.673					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEOD CONT
DATE ____ SURVEY BY F.E. BROOKS
NOTES CHKD ____ NOTES BY R. SMITH DATE 4-14-75
DATE ____ INDEXED L. M. PALMERI DATE 4/22/75

F.B.2452-Pg. 131

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 3	340.673					
+	9.547					
π	350.220					
−	0.551					
TP 4	349.669					
+	9.609					
π	359.278					
−	0.620					
TP 5	358.658					
+	9.648					
π	368.306					
−	0.740					
TP 6	367.566					
+	9.669					
π	377.235					
−	0.517					
TP 7	376.718					
+	9.815					
π	386.533					
−	0.255					
TP 8	386.278					
+	9.495					
π	395.773					
−	0.462					
TP 9	395.311					
+	9.643					
π	404.954					
−	0.813					
TP 10	404.141					

JOB NO. 030100 SURVEY OF GEOD CONT
SURVEY BY E.E. BROOKS DATE
NOTES BY R. SMITH DATE 4-A-75
INDEXED T. M. PALMERI DATE NOV 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B2452 PG. 132

NOTES RED _____ JOB NO 0397.00 SURVEY OF GEOD CONTROL

DATE _____ SURVEY BY R E BROOKS

NOTES CHKD. _____ NOTES BY R SMITH DATE 4-14-75

DATE _____ INDEXED [illegible] PALMER DATE MAY 22 75

F. B 2452 Pg. 133

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768420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 10	404 141					
+	9 863					
π	414 004					
-	0 551					
TP 11	413 453					
+	9 843					
π	423 296					
-	0 639					
TP 12	422 657					
+	9 788					
π	432 445					
-	0 636					
TP 13	431 809					
+	9 842					
π	441 651					
-	0 364					
TP 14	441 287					
+	9 786					
π	451 073					
-	0 750					
TP 15	450 323					
+	8 907					
π	459 230					
-	0 903					
TP 16	458 327					
+	9 470					
π	467 797					
-	0 510					
TP 17	467 287					

76S420 S & E-353 9-55

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JOB NO. 030100 SURVEY OF Geod Cont
SURVEY BY E E Brooks
NOTES BY R Smith DATE 4-14-75
INDEXED T. M. PALMERI DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 17	467.287 ✓					
+	9.698					
π	476.985					
−	0.300					
TP 18	476.685 ✓					
+	8.640					
π	485.325					
−	0.905	3524.228				
SET TBM #4	484.420	Cont. on Pg. 137			3524.228	TBM #4
+	1.022					0.4 mi N.E. of TBM #3 on s'ly edge
π	485.442					of E-W dirt road. Set a 1" I.P.
−	0.758					
TP 18	476.684					
+	0.183					
π	476.867					
−	9.579					
TP 17	467.288					
+	0.450					
π	467.738					
−	9.408					
TP 16	458.330					
+	1.139					
π	459.469					
−	9.142					
TP 15	450.327					
+	0.682					
π	451.009					
−	9.720					
TP 14	441.289					

F. B2452 Pg. 134

7[illegible]5420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 14	441.289					
+	0.332					
π	441.621					
−	9.808					
TP 13	431.813					
+	0.477					
π	432.290					
−	9.631					
TP 12	422.659					
+	0.578					
π	423.237					
−	9.783					
TP 11	413.454					
+	0.566					
π	414.020					
−	9.877					
TP 10	404.143					
+	0.735					
π	404.878					
−	9.564					
TP 9	395.314					
+	0.532					
π	395.846					
−	9.566					
TP 8	386.280					
+	0.485					
π	386.765					
−	8.658					
TP 7	378.107					

NOTES RED _____ JOB NO. 24100 SURVEY OF GEOD COUT
DATE _____ SURVEY BY F.E. BROOKS
NOTES CHKD. _____ NOTES BY R. SMITH DATE 4-14-75
DATE _____ INDEXED L. M. PALMERI DATE NOV 22 75

F. B2452 PG. 135

JOB NO. 0301 00 SURVEY OF GEOD Coast NOTES RED.
SURVEY BY F.E. BROOK DATE
NOTES BY R. SMITH DATE 4-19-75 NOTES CHKD.
INDEXED E. M. PALMER DATE [illegible] DATE

F. B. 2452 PG. 136

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	378.107					
+	0.422					
π	378.529					
−	9.905					
TP 6	368.624					
+	0.330					
π	368.954					
−	9.414					
TP 5	359.540					
+	0.908					
π	360.448					
−	9.690					
TP 4	350.758					
+	0.282					
π	351.040					
−	9.008					
TP 3	342.032					
+	0.213					
π	342.245					
−	9.970					
TP 2	332.275					
+	0.637					
π	332.912					
−	9.710					
TP 1	323.202					
+	0.962					
π	324.164					
−	9.252					
T.P.	314.912					

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	314 912					
+	5 449					
π	320 361					
−	6 968					
TBM #3	313 393	(10) 3353.381			3353.380	TBM #3 ELEV FB 2452-129 SEE PAGE 129
TBM #4	484 420		3524.228		3524.228	TBM #4 FB 2452-134 See page 134
+	9 663					
π	494 083					
−	0 941					
TP 1	493 142					
+	9 823					
π	502 965					
−	0 344					
TP 2	502 621					
+	9 587					
π	512 208					
−	0 774					
TP 3	511 434					
+	9 337					
π	520 771					
−	0 957					
TP 4	519 814					
+	9 347					
π	529 161					
−	0 835					
TP 5	528 326					

CHECK 313.393 Pg 134
313.392 Pg 131
.001

NOTES RED ____ JOB NO 0301 00 SURVEY OF GEOD CONT
DATE ____ SURVEY BY F E BROOKS
NOTES CHKD ____ NOTES BY R SMITH DATE 4-14-75
DATE ____ INDEXED L. M. PALMER DATE MAY 22 75

F. B2452 PG. 137

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

JOB NO. 0801.00 SURVEY OF GEOD COUT
SURVEY BY F.E. BROOKS
NOTES BY FEB DATE 17 Apr 75
INDEXED L. M. PALMERI DATE NOV 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B2452 PG. 138

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	528 326					
+	9 405					
⊼	537 731					
−	0 328					
TP 6	537 403					
+	8 807					
⊼	546 206					
−	0 446					
TP 7	545 760					
+	9 403					
⊼	555 163					
−	0 252					
TP 8	554 911					
+	9 299					
⊼	564 210					
−	0 312					
TP 9	563 898					
+	9 452					
⊼	573 350					
−	0 554					
TP 10	572 796					
+	8 812					
⊼	581 608					
−	0 206					
TP	581 402					
+	9 208					
⊼	590 610					
−	0 512					
TP 12	590 098					

7[illegible]S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 12	590.098					
+	9.147					
⊼	599.245					
−	0.188					
TP 13	599.057					
+	8.949					
⊼	608.006					
−	0.317					
TP 14	607.689					
+	9.014					
⊼	616.703					
−	1.629					
TP 15	615.074					
+	9.178					
⊼	624.252					
−	1.008					
TP 16	623.244					
+	9.250					
⊼	632.494					
−	1.029					
TP 17	631.465					
+	9.424					
⊼	640.889					
−	0.505					
TP 18	640.384					
+	9.243					
⊼	649.627					
−	0.397					
TP 19	649.234					

NOTES RED ____ JOB NO. 0341.00 SURVEY OF GEOD CONT
DATE ____ SURVEY BY F.E. BROOKS
NOTES CHKD. ____ NOTES BY FEB DATE 17 Apr 75
DATE ____ INDEXED I. M. PALMERI DATE MAY 22 75

F. B2452 PG. 139

763420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 19	649.234					
+	9.517					
⊼	658.751					
−	1.288					
TP 20	657.463					
+	9.208					
⊼	666.671					
−	0.702					
TP 21	665.969					
+	8.574					
⊼	674.543					
−	0.805					
TP 22	673.738					
+	8.870					
⊼	682.608					
−	0.333					
TP 23	682.275		ck pt.			
+	1.810					
⊼	684.085					
−	9.165					
TP 24	674.920					
+	0.705					
⊼	675.625					
−	5.367					
TP 25	670.258					
+	2.195					
⊼	672.453					
−	7.978					
1/4 Cor.	664.475	26		3704.283	3704.278	1/4 Cor.

ELEVATION BY Assumed B.M.
Elev. = 200.000 per Pg 122

JOB NO. 0801 00 SURVEY OF Geod Cont
SURVEY BY F. F. Brook S.
NOTES BY FEB DATE 17 April 75
INDEXED R. M. PALMER DATE NOV 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2452 PG. 140

765420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
1/4 Cor.	664 475	26	3704.583		3704.278	1/4 Cor. Sec 14 - Sec 15
+	7 956					T5N R13W A 2½" Brass cap cont
Π	672 431					a 2" I.P. Pg. 147
-	2 174					
TP 25	670 257					
+	9 743					
Π	680 000					
-	0 278					
TP 26	679 722					
+	9 630					
Π	689 352					
-	1 134					
TP 27	688 218					
+	9 735					
Π	697 953					
-	0 791					
TP 28	697 162					
+	9 225					
Π	706 387					
-	0 655					
TP 29	705 732					
+	9 437					
Π	715 169					
-	0 507					
D 13 No 2	714 662	32	3754.470		3754.464	RITTER RIDGE D 13 No 2 (RM)
+	6 277					Calif. Div. of Hwys 4" Brass Disk in a
Π	720 939					18" sq Conc post. Pg. 147
-	1 186					
Ritter Ridge D 13	719 753	33	3759.561		3759.555	RITTER RIDGE D-12 See Pg 141

ELEVATIONS By Assumed B.M.
Elev. = 2000.000 Per Pg 122

900
590
10

NOTES RED _____ DATE _____
NOTES CHKD. _____ DATE _____
INDEXED L. M. PALMERI DATE 11-22-73

JOB NO. 0301.00 SURVEY OF Ritter Cont
SURVEY BY F.E.B. F.E. BROOKS DATE 10-11-73
NOTES BY _____ DATE _____

F.B. 2452 Pg. 14

769420 S & E-353 9-55

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

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

Do not extend notes this side of this line

279.221

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
~~RITTER~~ RIDGE D13	719 753	33	3759.561	3759.555		RITTER RIDGE D 13
+	1 160					A G. Engr 2½" Brass Disk in a 6" conc
π	720 913					post in a 12" sq conc. post. see
-	5 028					Pg. 147
D13 No 1	715 885	34	3755.693		3755.687	RITTER RIDGE D13 No 1 (RM)
+	1 236					A Calif Dir. of Hwys 4" Brass Disk set
π	717 121					in a 12" Conc post. see pg. 147
-	9 138					
TP	707 383					
+	0 521					
π	707 904					
-	8 533					
TP	699 371					
+	0 245					
π	699 616					
-	9 284					
TP	690 332					
+	0 792					
π	691 124					
-	8 840					
TP 23	682 284	ck pt				
+	0 663					
π	682 947					
-	9 203					
TP 22	673 744					
+	0 434					
π	674 378					
-	8 402					
TP 21	665 976					

ELEVATIONS BY ASSUMED B.M.
Elev = 200.000 per pg 22

JOB NO. 0301.00 SURVEY OF GEOD CONT
SURVEY BY F. E. BROOKS
NOTES BY R D Smith DATE 21 Apr 75
INDEXED E. M. PALMERI DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B2452 PG. 142

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 21	665 976					
+	0 535					
⊼	666 511					
−	9 043					
TP 20	657 468					
+	1 139					
⊼	658 607					
−	9 367	.016				
TP 19	649 240					
+	0 200					
⊼	649 440					
−	9 053					
TP 18	640 387					
+	0 300					
⊼	640 687					
−	9 217					
TP 17	631 470					
+	0 888					
⊼	632 358					
−	9 108					
TP 16	623 25~~6~~ 0					
+	0 823					
⊼	624 07~~8~~ 3					
−	8 991					
TP 15	615 08~~7~~ 2					
+	1 409					
⊼	616 49~~6~~ 1					
−	8 795					
TP 14	607 ~~701~~ 696					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEOD CONT
DATE ____ SURVEY BY F E BROOKS
NOTES CHKD. ____ NOTES BY R D Smith DATE 21 Apr 76
DATE ____ INDEXED L. L. PALMERI DATE 22 75

F.B. 2452 Pg. 143

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 14	607 ~~701~~ 696					
+	0 6~~12~~	08				
⊼	608 313					
−	9 243					
TP 13	599 0~~70~~	65				
+	0 420					
⊼	599 4~~90~~	85				
−	9 380					
TP 12	590 1~~10~~	05				
+	0 356					
⊼	590 4~~66~~	61				
−	9 052					
TP 11	581 4~~14~~	09				
+	0 558					
⊼	581 9~~72~~	67				
−	9 163					
TP 10	572 80~~9~~	04				
+	0 664					
⊼	573 4~~73~~	68				
−	9 558					
TP 9	563 91~~5~~	0				
+	0 413					
⊼	564 32~~8~~	3				
−	9 403					
TP 8	554 92~~5~~	0				
+	0 618					
⊼	555 5~~43~~	38				
−	9 776					
TP 7	545 76~~7~~	2				

JOB NO. 0301.00 SURVEY OF GOOD CONT
SURVEY BY F. E. BROOKS
NOTES BY RD Smith DATE 21 Apr 75
INDEXED L. M. PALMER DATE 22 [illegible]
NOTES RED. DATE
NOTES CHKD. DATE

F. B 2452 PG. 144

765420 S & E-353 9-58

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	545 764	2				
+	0 332					
⊼	546 094	4				
−	8 681					
TP 6	537 418	30	0 BECKS TO HERE	535.05		
+	0 668			536.07		
⊼	538 086	1			1.020	
−	9 745					
TP 5	528 341	36		529.002		
+	0 585			528.326		
⊼	528 926	5			.676	
−	9 095					
TP 4	519 831	25				
+	0 653					
⊼	520 484	79				
−	9 037					
TP 3	511 447	5				
+	0 795					
⊼	512 242	37				
−	9 602					
TP 2	502 640	35				
+	0 434					
⊼	503 074	69				
−	9 915					
TP 1	493 159	54				
+	0 961					
⊼	494 120	15				
−	9 684					
TBM #4	484 426	31 (62)	3524.238		3524.228	TBM #4
						SEC 99 134

NOTES RED _____ JOB NO. 0301.00 SURVEY OF GRADE CONT.
DATE _____ SURVEY BY F.E. BROOKS
NOTES CHKD _____ NOTES BY R.D. Smith DATE 21 APR 73
DATE _____ INDEXED L.M. PALMERI DATE MAY 22 73

F.B. 2452 pg. 145

F.B. 2452 - 134

F. B2452 PG. 146

JOB NO. 0301.00 SURVEY OF GEOD CONT NOTES RED.
SURVEY BY F.E. BROOKS DATE
NOTES BY DATE NOTES CHKD.
INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

768420 S & E-353 9-55

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
Date	Indexed L. M. PALMERI NOV 22 '75

F. B. 2452 PG. 147

RITTER RIDGE D 13

1/4 COR SEC 15 - SEC 14 T5N R13W

RITTERRIDGE D13 NO. 1
A 4" Brass Disk set in a 12" sq cone post. 4" high.

RITTERRIDGE D13.
A 2½" Brass Disk set in a 6" cone post. in a 12" sq. cone post. 5" high.

RITTERRIDGE D13 NO 2
A 4" Brass Disk set in a 12" sq cone post 4" high.

1/4 Cor Sec. 15 - Sec 14 T5N R13W. a 2½" Brass Disk on a 2" I.P. in the broken remains of a 6" cone post.

SECTION LINE

SEC. 15 T5N

SEC. 14 R13W.

REF.
F.B. 4320 - 51 52

RITTER RIDGE	D13	is 519.75'	above	BM	201-77A
RITTERRIDGE	D13 NO 1	is 515.88'	above	BM	201-77A
RITTER RIDGE	D13 NO 2	is 514.66'	above	BM	201-77A
1/4 COR. SEC 15 -	SEC 14	is 464.47'	above	BM	201-77A

Page 141 - 142

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

Do not extend this side of this line.

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

76F309S C #310 3-69

F. B 2452 PG 148

1/4 COR. SEC 15 - SEC 22 T5N R13W.

SEC 15
T5N

DIRT RD.

DIRT

RD.

0.40 mile to SIERRA Hwy.

SECTION LINE

SEC 22
R13W

1/4 COR SEC 15 - SEC 22
T5N R13W.
A 2½" Brass Disk in a
6" conc post. 2" high.

COUNTY SURVEYOR
T5N
SEC 15
SEC 22
1/4 COR
R13W
RE 2170

1/4 COR SEC 15 - SEC 22 is 6.35' below BM 201-97A
Page 126

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

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

F. B. 2452 PG. 149

Profile No.	Notes Red	Plotted	Job No. 0301.00	Division No.	
	Date	Date	Survey of GEODETIC CONTROL		
X-Sec. No.	Notes Chk'd.	Checked	Survey by FE Brooks	Notes L. M. PALMER	Date 22
	Date	Date	Map No.	Indexed	Date

SN 0301.00

GEODETIC CONTROL

ELEVATION DIFFERANCE

BETWEEN BM 201-72

AND STATION ACTON C1

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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 201-72	100 000			2984.732	BM 201-72	F.B. 2846-44
+	1 570				Assumed elev = 100.000	
π	101 570				Sierra Hwy N. side.	153'± W. of Culvert
−	6762				marked 27.55	
TP 1	94808					
+	8002					
π	102810					
−	2 286					
T.P 2	100524					
+	9159					
π	109683					
−	0442					
TP 3	109241					
+	9208					
π	118449					
−	0700					
T.P 4	117749					
+	9064					
π	126813					
−	0575					
T.P 5	126238					

F. B. 2452 PG. 150
Job No. 0301.00 Division No. Notes Red Plotted Profile
Survey of GEODETIC CONTROL Date Date No.
Survey by F.E. Brooks Notes RD Smith Notes Chk'd. Checked X-Sec.
Indexed L. M. PALMERI Date 22 Date Date No.

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	126 238					
+	8 893					
⊼	135 131					
−	0 643					
TP 6	134 488					
+	8 983					
⊼	143 471					
−	2 083					
TP 7	141 388					
+	8 232					
⊼	149 620					
−	3 428					
TP 8	146 192					
+	5 979					
⊼	152 171					
−	5 303					
TP 9	146 868					
+	4 556					
⊼	151 424					
−	5 789					
TP 10	145 635					
+	4 562					
⊼	150 197					
−	5 960					
TP 11	144 237					
+	4 682					
⊼	148 919					
−	5 530					
TP 12	143 389					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GOOD COUT
DATE ____ SURVEY BY F. E. BROOKS
NOTES CHKD. ____ NOTES BY R. SMITH DATE 14 APR 75
DATE ____ INDEXED L. M. PALMERI DATE MAY 22 75

F. B. 2452 Pg. 157

768420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF GEOD COUT
SURVEY BY F. E. BROOKS
NOTES BY R. SMITH DATE 14 Apr 75
INDEXED [illegible] PALMER DATE [illegible] 22 [illegible]
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P 12	143 389					
+	6083					
⊼	149 472					
−	3391					
T.P 13	146 081					
+	7732					
⊼	153 813					
−	1822					
TP 14	151 991					
+	8502					
⊼	160 493					
−	1899					
TP 15	158 594					
+	8637					
⊼	167 231					
−	2270					
TP 16	164 961					
+	6244					
⊼	171 205					
−	5561					
SET BM 201-71	165 644	(17)	3050.376	3050.378		BM 201-71 EL. F.B 2846-43
+	9782					SIERRA HWY NORTH (LEFT) SIDE
⊼	175 027					@ CULVERT Nº 2701 L.A. CO.
−	0264					BUTTON BRASS CAP IN TOP
TP 1	174 763					HEAD WALL.
+	9479					
⊼	184 242					
−	0783					
TP 2	183 459					

Diff. in elev. between BMs 201-71 and 201-72
= 20.008 meters = 65.643 feet per office.

BM 201-72 = 100.000 field assumed
BM 201-71 = 165.644 field meas.
diff = 65.644

65.644
65.643
0.001 diff from record
no rerun from BM 201-71 to BM 201-72

F.B 2452 PG. 152

7[illegible]S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	183 459					
+	9 660					
⊼	193 119					
−	0 673					
TP 3	192 446					
+	9 373					
⊼	201 819					
−	0 556					
TP 4	201 263					
+	9 527					
⊼	210 790					
−	0 879					
TP 5	209 911					
+	9 022					
⊼	218 933					
−	0 615					
TP 6	218 318					
+	8 173					
⊼	226 491					
−	0 596					
TP 7	225 895					
+	8 782					
⊼	234 677					
−	1 803					
TP 8	232 874					
+	9 149					
⊼	242 023					
−	0 461					
TP 9	241 562					

NOTES RED _____ JOB NO. 0301.00 SURVEY OF GBOD CONT
DATE _____ SURVEY BY F. E. BROOKS
NOTES CHKD _____ NOTES BY R SMITH DATE 17 Apr 76
DATE _____ INDEXED L. M. PALMERI DATE MAY 22 76

F.B. 2452 PG. 153

766420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF GEOD. CONT
SURVEY BY E. E. 3200 S
NOTES BY R. SMITH DATE 17 APR 75
INDEXED T. M. PALMERI DATE NW 22 75
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 10	241 562					
+	9 210					
π	250 772					
−	0 401					
TP 11	250 371					
+	9 523					
π	259 894					
−	0 583					
TP 12	259 311					
+	9 690					
π	269 001					
−	0 466					
TP 13	268 535					
+	9 570	5.140	9.562			
π	278 105		0.418			
−	0 425		9.144			
TP 14	277 680					
+	9 445					
π	287 125					
−	1 368 (31)					
2" Brass Disk	285 757	3170.489			3170.494	State of Calif 2" brass disk in broken conc mon. See pg 159
+	6 522					
π	292 279					
−	5 248					
Acton C-1	287 031 (32)			3171.763	3171.768	ACTON C-1 A Calif Div of Hwy 4" Brass Disk in a 12" Sq conc post. See pg 159
+	3 635					
π	290 666					
−	5 469 (33)					
C-1 No 1	285 197			3169.929	3169.934	Acton C-1 No 1

ELEVATIONS by assumed BM
Elev. 100.00 pg 99

F. B2452 PG. 159
B

768420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

	B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
33	C1 No1	285 197			3169.929	3169.934	Acton C-1 No1
	+	5 310					A Calif Div. of Hwys 4" Brass Disk
	π	290 507					set in a 12" sq conc post
	−	4 699					See pg 159
34	C1 No2	285 808	~~3170.590~~			3170.545	Acton C-1 No 2
	+	0 793					A. Calif Div. of Hwys 4" Brass Disk
	π	286 601					set in a 12" sq conc post
	−	8 926					See pg 159
	TP 14	277 675					
	+	0 528			9.143		
	π	278 203					
	−	9 671					
	TP 13	268 532					
	+	0 183					
	π	268 715					
	−	9 407					
	TP 12	259 308					
	+	0 939					
	π	260 247					
	−	9 879					
	TP 11	250 368					
	+	0 680					
	π	251 048					
	−	9 490					
	TP 10	241 558					
	+	0 402					
	π	241 960					
	−	9 090					
	TP 9	232 870					

ELEVATIONS by assumed BM
Elev. = 100.000 per pg.

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEOD CONT
DATE ____ SURVEY BY F.E. BROOKS
NOTES CHKD. ____ NOTES BY KEB DATE 17 Apr 75
DATE ____ INDEXED L. M. PALMERI DATE 22 [illegible]

F.B. 2452 PG. 155

F. B 2452 PG. 156

D

JOB NO. 0301.00 SURVEY OF GEOD CONT NOTES RED.
SURVEY BY F.E. BROOKS DATE
NOTES BY FEB DATE 17 Apr 75 NOTES CHKD.
INDEXED T. M. PALMERI DATE [illegible] 22 '75 DATE

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 8	232.870					
+	0.378					
π	233.248					
-	7.359					
TP 7	225.889					
+	0.528					
π	226.417					
-	8.103					
TP 6	218.314					
+	0.602					
π	218.916					
-	9.006					
TP 5	209.910					
+	0.875					
π	210.785					
-	9.522					
TP 4	201.262					
+	0.494					
π	201.756					
-	9.311					
TP 3	192.445					
+	0.724					
π	193.169					
-	9.709					
TP 2	183.460					
+	1.000					
π	184.460					
-	9.698					
TP 1	174.762					

768420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	174.762					
+	0.424					
π	175.186					
-	9.544	(48)				
BM 201-71	165.642	O.K.	3050.374	3050.381		BM 201-71 F.B. 2846-43 Sierra Hwy N. side at Culvert No 27.01 L.A. Co. Engr Button Brass Cap in top of headwall

Elev = 165.644 per pg. from an assumed elev of 100.000 at BM 201-72

165.644
165.642
0.002

Σ B.S. 274.091
Σ F.S. 208.449

65.462

NOTES RED ____ JOB NO 0301.00 SURVEY OF GEOD CONT
DATE ____ SURVEY BY F.E. BROOKS
NOTES CHKD ____ NOTES BY E.E.B. DATE 17 Apr. 75
DATE ____ INDEXED E.M. PALMERI DATE 4/22/75

F.B. 2452 PG. 157

F. B2452 PG. 158

JOB NO. 0301 00 SURVEY OF GEOD CONT NOTES RED.
SURVEY BY F.E. BROOKS DATE
NOTES BY DATE NOTES CHKD.
INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

769420 S & E-353 9-55

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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
Map No.
Office Work
Checked
Date

Survey of GEODETIC CONTROL
JN 0301-03 Tape Std °F
Surveyed by EE Brooks
Notes EEB Date 17 Apr 92
Indexed M. PALMERI

F. B. 2452 PG. 159

ACTON C1

TRACK

Line of Power Poles

DIRT

Div. of Hwy 2" Brass Disk set in a broken cone post flush.

ACTON C1 No 1
A 4" Brass Disk set in a 12" sq cone post 4" high.

ACTON C1 No 2
A 4" Brass Disk set in a 12" sq cone post 4" high.

ACTON C1
A 4" Brass Disk set in a 12" sq cone post 4" high

CALIFORNIA ACTON C-1 1993 DIVISION OF HIGHWAYS

1/2 MILE TO CROWN VALLEY RD.

SIERRA HWY.

REF
F.B. 4320 - 41
42

ACTON C1	is 182.03'	above	B.M.	201-92
ACTON C1 No 1	is 185.20'	above	B.M.	201-92
ACTON C1 No 2	is 185.81'	above	B.M.	201-92
DIV of Hwy 2" Brass Disk	is 185.86'	above	BM	201-92

Pages. 154
155

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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408 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE 310 1-85

F. B. 252 PG. 160.

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.

Profile	Notes Red	Plotted	Job No. 0301.00	Division No.	F. B. 2452 PG. 161
No.	Date	Date	Survey of GEODETIC CONTROL		
X-Sec.	Notes Chk'd.	Checked	Survey by FEB.	Notes	Date
No.	Date	Date	Map No.	Index L. M. PALMER	Date

SN 0301.00

GEODETIC CONTROL

ELEVATION DIFFERANCE

BETWEEN BM 201-44A

AND STATION SLEEPY VALLEY 0 15

Note.

Circuit broken into sections by numbered TBMs

Brooks
Smith
Creason
Kvolin

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

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

Do not extend notes this side of this line.

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

76-L-2985 CE 307 8-70

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM 201-77A	200 000			3239.721	BM 201-77A	F.B. 3728-175
					Assumed Elevation = 200.000	
					Sierra Hwy. and Shannondale Rd. N.W. Cor. at Hwy. station 30.92 a 2½" Button Disk set in a head wall.	
Diff. in elev. between BMs 201-77A and 201-77 = 12.888 meters = 42.283 feet.						
Diff in elev. per pages 122 - 123 O.K. = 42.277 feet.						
					0.006 Error.	
		Elev. per pg. 123				
BM 201-77	157.723			3147.444	BM 201-77	F.B. 2846-52
+	8 204				Sierra Hwy. at Culvert #30.66 0.2 mi E. of Shannondale Rd. A 2½" Button Brass Disk in N. head wall.	
^	165927					
-	2 505					
TP 1	163422					
+	7 078					
^	170500					
-	3912					
TP 2	166588					

F. B. 2452 Pg. 162
Job No. 0301.00 Division No. Notes Red Plotted Profile
Survey of GEODETIC CONTROL Date Date No.
Survey by F.E.B. Notes RD Smith Notes Chk'd. Checked X-Sec.
Indexed L. M. PALMERI Date MAY 22 '75 Date Date No.

765420 S & E-353 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	166.588					
+	1.244					
⊼	167.832					
−	9.339					
TP 3	158.493					
+	7.923					
⊼	166.416					
−	0.496					
TP 4	165.920					
+	9.315					
⊼	175.235					
−	1.021					
TP 5	174.214					
+	7.915					
⊼	182.129					
−	4.976					
TP 6	177.153					
+	5.613					
⊼	182.766					
−	2.000		3216.678		3216.675	
SEC COR	180.766	(7) Cont on pg. 16			3220.484	SEC COR
+	1.393					A 2" BRASS DISC IN 6" CONC
⊼	182.159					POST FLUSH F.B. 2452-182
−	5.004					
TP 6	177.155					
+	4.976					
⊼	182.131					
−	7.915					
TP 5	174.216					

NOTES RED ____ JOB NO. 0701.00 SURVEY OF GEODETIC CONTROL
DATE ____ SURVEY BY F.E. Brooks
NOTES CHKD. ____ NOTES BY R.D. Smith DATE 21 Apr. 75
DATE ____ INDEXED L. M. PALMERI DATE MAY 22 75

F.B. 2452 Pg. 163

76S420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY F.E. Brooks DATE 21 April 75 NOTES CHKD. DATE
NOTES BY R.D. Smith DATE MAY 22 75
INDEXED I. M. PALMERI

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP # 5	174.216					
+	1.031					
π	175.247					
−	9.323					
TP 4	165.924					
+	0.572					
π	166.496					
−	8.000					
TP 3	158.496					
+	9.327					
π	167.823					
−	1.231					
TP 2	166.592					
+	3.918					
π	170.510					
−	7.083					
TP 1	163.427					
+	2.509					
π	165.936					
−	8.208					
BM 201-77	157.728	O.K. (14)		3197.449	3197.444	BM 201-77 F.B 2846-52 SEE Pg FOR DESC.
FP SEC 6R	180.766	PAGE No		163	3216.675	
+	0.321					
π	181.087					
−	9.073					
TP 1	172.014					

Check
157.728
157.723 Pg
.005

F.B. 2452 PG. 164

765420 S & E-353 9-55

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Do not extend notes this side of this line

9300

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	172.014					
+	0.947					
π	172.961					
−	9.384					
TP 2	163.577					
+	0.421					
π	163.998					
−	9.340					
TP 3	154.658					
+	0.671					
π	155.329					
−	8.999					
TP 4	146.330					
+	1.222					
π	147.552					
−	9.013					
TP 5	138.539					
+	0.506					
π	139.045					
−	9.348					
TP 6	129.697					
+	3.963					
π	133.660					
−	7.168					
TBM #1	126.492	① cont on Pg 167			3166.208	TBM #1 1" I.P.
+	7.294					
π	133.786					
−	4.088					
TP 6	129.698					

NOTES RED ____ JOB NO. 0701.00 SURVEY OF GEODETIC CONTROL
DATE ____ SURVEY BY F.E. Brooks
NOTES CHKD. ____ NOTES BY R.D. Smith DATE 21 April 75
DATE ____ INDEXED L. M. PALMERI DATE 22 [illegible]

F. B. 2452 PG. 165

768420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY RD Smith DATE 21 April 75 NOTES CHKD.
INDEXED L. M. PALMER DATE MAY 22 75 DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	129 698					
+	9 300					
⊼	138 998					
−	0 458					
TP 5	138 540					
+	9 002					
⊼	147 542					
−	1 211					
TP 4	146 331					
+	9 010					
⊼	155 341					
−	0 681					
TP 3	154 660					
+	9 448					
⊼	164 108					
−	0 526					
TP 2	163 582					
+	9 418					
⊼	173 000					
−	0 982					
TP 1	172 078					
+	8 922					
⊼	180 940					
−	0 170					
FD SEC COR	180 770	O.K	(14)	3216.679		

CHECK
180.770
180.766 Pg
.004

COUT'D

F. B. 2452 PG. 166

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #1	126.492	PAGE N° 165			3166.208	TBM #1
+	0.932					
⊼	127.424					
−	8.990					
TP 1	118.434					
+	0.759					
⊼	119.193					
−	9.748					
TP 2	109.445					
+	0.794					
⊼	110.239					
−	9.113					
TP 3	101.126	✓				
+	1.509					
⊼	102.635					
−	7.173					
TP 4	95.462	✓				
+	5.844					
⊼	101.306					
−	0.584					
TP 5	100.722	✓				
+	4.171					
⊼	104.893					
−	5.200					
TP 6	99.693	✓				
+	4.803					
⊼	104.496					
−	0.388					
TP 7	104.108	✓				

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEOD CONT
DATE ____ SURVEY BY F.E. BROOKS
NOTES CHKD ____ NOTES BY R.D. SMITH DATE 21 April 75
DATE ____ INDEXED L. M. PALMERI DATE 11/22/75

F. B. 2452 Pg. 167

76S420 S & E-353-9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	104 108					
+	7 979					
⊼	112 087					
−	1 641		3182.254			
TBM #2	110 446	⑧ Cont. on Pg 169			3182.253	TBM #2 1/4" METAL STUD IN CONC AT S.E. COR. WOOD SHED. (GARAGE)
+	1 400					
⊼	111 846					
−	7 738					
TP 7	104 108					
+	0 422					
⊼	104 530					
−	4 839					
TP 6	99 691					
+	5 233					
⊼	104 924					
−	4 206					
TP 5	100 718					
+	0 622					
⊼	101 340					
−	5 883					
TP 4	95 457					
+	7 162					
⊼	102 619					
−	1 493					
TP 3	101 126					
+	9 037					
⊼	110 163					
−	0 718					
TP 2	109 445					

JOB NO. 2301.00 SURVEY OF GEAD COUT
SURVEY BY F. E. BROOKS
NOTES BY R D Smith DATE 21 April 75
INDEXED L. M. PALMER DATE MAR 22 '75
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2452 PG. 168

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	109 445					
+	9 960					
⊼	119 405					
−	0 970					
TP. 1	118 435					
+	8 718					
⊼	127 153					
−	0 660					
TBM #1	126 493	OK. (16)	CHECK 126.493 126.492 .001	Pg #165 3166.209	3166.208	TBM #1 1" I.P. @ CATE & DIRT ROAD. Pg 165
TBM #2	110 446		PAGE No 168		3182.253	TBM No 2 SEE PAGE. # 168
+	6 238					
⊼	116 684					
−	0 238					
TP 1	116 446					
+	9 318					
⊼	125 764					
−	1 430					
TP 2	124 334					
+	2 513					
⊼	126 847					
−	9 484					
TP 3	117 363					
+	1 858					
⊼	119 221					
−	9 724					
	109 497					

NOTES RED ____ JOB No 2452 SURVEY OF GOOD COUT
DATE ____ SURVEY BY F.E. BROOKS
NOTES CHKD ____ NOTES BY RD Smith DATE 21 April 75
DATE ____ INDEXED E. M. PALMER DATE 22 April

F.B. 2452 PG. 169

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 22 April 75 NOTES CHKD.
INDEXED L. M. PALMERI DATE 22 Apr 75 DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 4	109.497					
+	2.830					
⊼	112.327					
−	2.843					
TP 5	109.484					
+	2.333					
⊼	111.817					
−	5.222					
TP 6	106.595					
+	5.225					
⊼	111.820					
−	4.222					
TBM # 3	107.598	② Cont. on pg 171		3179.405	3179.408	TBM #3 Valley Sage Rd. at 1st dirt Rd. E. of Puritan Mine Rd. lg Bt spk & w in pvmt.
+	4.294					
⊼	111.892					
−	5.300					
TP 6	106.592					
+	5.240					
⊼	111.832					
−	2.353					
TP 5	109.479					
+	2.860					
⊼	112.339					
−	2.848					
TP 4	109.491					
+	9.832					
⊼	119.323					
−	1.967					
TP 3	117.356					

F. B. 2452 Pg. 170

6S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 3	117 356					
+	9 484					
⊼	126 840					
−	2 513					
TP 2	124 327					
+	1 444					
⊼	125 771					
−	9 332					
TP 1	116 439		check 110.440 110.446 .006 Pg 168			
+	0 237					
⊼	116 676					
−	6 236	(14)				
TBM 2	110 440	OK	3182.247		3182.253	TBM #2 1/4" Bolt stud in conc slab. see pg 168
TBM 3	107 598				3179.408	TBM #3 spk ⊼ W. in Valley Sage Rd. see pg 170
+	8 178					
⊼	115 776					
−	1 664					
TP 1	114 112					
+	8 343					
⊼	122 455					
−	0 925					
TP 2	121 530					
+	8 290					
⊼	129 820					
−	2 342					
TP 3	127 478					

NOTES RED. JOB NO. 0701.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY PEB DATE 22 Apr 75
DATE INDEXED E. M. PALMER DATE [illegible]

F. B. 2452 Pg. 171

76S420 S & E-353 9-55

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

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Do not extend notes this side of this line

JOB NO. 0701.00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY FE Brooks NOTES CHKD. DATE
NOTES BY DATE
INDEXED L. M. PALMER DATE NOV 22 '75

F. B. 2452 PG. 172

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 3	127 478					
+	8 748					
⊼	136 226					
−	1 214					
TP 4	135 012					
+	9 908					
⊼	144 920					
−	0 378					
TP 5	144 542					
+	9 014					
⊼	153 556					
−	0 986					
TBM # 4	152 57~~4~~ 6 0		3224.380 CONT on pg. 173		3224.382	TBM #4 sq hd spk in ch.
+	1 070					
⊼	153 64~~6~~ 0					
−	9 098					
TP 5	144 54~~8~~ 2					
+	0 330					
⊼	144 87~~8~~ 2					
−	9 863					
TP 4	135 0~~15~~ 09					
+	1 217					
⊼	136 2~~32~~ 26					
−	8 751					
TP 3	127 4~~81~~ 75					
+	2 383					
⊼	129 8~~64~~ 58					
−	8 332					
TP 2	121 5~~32~~ 26					

768420 S & E-353 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	121 532					
+	0 932					
⊼	122 4~~64~~58					
−	8 350					
TP 1	114 1~~14~~08					
+	1 615					
⊼	115 7~~29~~23					
−	8 128					
TBM 3	107 ~~601~~ 595 (12)		3179.405		3179.408	TBM 3 lg Bt spk & w see pg 170
TBM 4	152 57~~6~~0				3224.382	TBM 4 sq hd spk in ch. see pg 172
+	9 858					
⊼	162 4~~34~~28					
−	0 478					
TP 1	161 95~~6~~0					
+	8 780					
⊼	170 73~~6~~0					
−	0 948					
TP 2	169 78~~8~~2					
+	9 918					
⊼	179 70~~6~~0					
−	0 685					
TP 3	179 0~~27~~15					
+	8 776					
⊼	187 79~~4~~1					
−	1 315					
TP 4	186 4~~82~~76					

check
107.598 pg 170
107.601
.003

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE ____ SURVEY BY FE Brooks
NOTES CHKD ____ NOTES BY FEB DATE 22 Apr 75
DATE ____ INDEXED [redacted] PALMERI DATE [redacted] 22 [redacted]

F. B. 2452 PG. 177

765420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY FEBrooks NOTES CHKD. DATE
NOTES BY F.E.B. DATE 22 Apr 75
INDEXED E. M. PALMERT DATE MAY 22 '75

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 4	186 4~~82~~76					
+	8 870					
⊼	195 3~~52~~46					
−	1 259					
TP 5	194 0~~99~~87					
+	9 030					
⊼	203 1~~29~~17					
−	0 878					
TP 6	202 2~~51~~39					
+	8 762					
⊼	211 2~~13~~01					
−	1 287					
TP 7	209 9~~26~~14					
+	8 990					
⊼	218 9~~16~~04					
−	1 824			3159.87		
TBM 5	217 0~~92~~80 (8)	cont on	Pg.	175	3159.877	BM 5 Sq hd spk in print
+	1 838					
⊼	218 9~~30~~18					
−	9 004					
TP 7	209 9~~26~~14					
+	1 335					
⊼	211 2~~61~~49					
−	9 010					
TP 6	202 2~~51~~39					
+	0 768					
⊼	203 0~~19~~07					
−	8 920					
TP 5	194 0~~99~~87					

F. B. 2452 PG. 174

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	194.099	87				
+	1 368					
⊼	195 461	55				
−	8 987					
TP 4	186 480	68				
+	1 468					
⊼	187 948	36				
−	8 930					
TP 3	179 018	05				
+	0 850					
⊼	179 868	56				
−	9 790					
TP 2	170 078	66				
+	0 864					
⊼	170 942	30				
−	8 990					
TP 1	161 952	40				
+	0 470					
⊼	162 422	10				
−	9 849					
TBM 4	152 573	61 (16)		3224.373	3224.382	TBM 4 sq hd. spk in ab. see pg 172
TBM 5	217 092				3159.877	TBM 5 sq hd spk in pvmt see pg 174
+	7 824					
⊼	224 916					
−	2 682					
TP 1	222 234					

check 152.576 pg 172
152.573
.003 ok .009

NOTES RED. JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE SURVEY BY FEB Brooks
NOTES CHKD. NOTES BY FEB DATE 22 Apr 75
DATE INDEXED L. M. PALMERI DATE 22 [illegible]

F. B. 2452 PG. 175

765420 S & E-353 9-55

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JOB NO. 0701.00 SURVEY OF GEODETIC CONTROL
SURVEY BY FEB
NOTES BY FEB DATE 22 Apr 75
INDEXED L. M. PALMER DATE MAY 22 '75
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 2452 PG. 136

B.M.		1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1	222 234					
+		6 822					
⊼		229 056					
−		3 540					
TP	2	225 516					
+		6 429					
⊼		231 945					
−		2 663					
TP	3	229 282					
+		7 700					
⊼		236 982					
−		2 313					
TP	4	234 669					
+		6 695					
⊼		241 364					
−		3 760					
TP	5	237 604					
+		6 130					
⊼		243 734					
−		2 402					
TP	6	241 332					
+		8 190					
⊼		249 522					
−		1 128					
TP	7	248 394					
+		9 655					
⊼		258 049					
−		0 675					
TP	8	257 374					

768420 S & E-353 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 8	257 374					
+	9 850					
⊼	267 224					
−	0 976					
TP 9	266 248					
+	7 050					
⊼	273 298					
−	5 485					
TP 10	267 813					
+	2 166					
⊼	269 979					
−	9 263					
TP 11	260 716					
+	0 685					
⊼	261 401					
−	8 758					
TP 12	252 643					
+	0 488					
⊼	253 131					
−	0 782					
TP 13	252 349					
+	8 520					
⊼	260 869					
−	2 610					
No 1	258 259 (10)		3201.094		3201.042	SLEEPY VALLEY 0-15 No 1
+	6 553					Gl.C. Div of Hwys. 4" Brass Disk
⊼	264 812					see pg. 181
−	6 240					
No 2	258 572 (5)				3201.357	3201.352 SLEEPY VALLEY 0-15 No 2
						see next page.

ELEVATIONS by Assumed BM
Elev = 200.000 per pg 162

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE ____ SURVEY BY FEB Brooks
NOTES CHKD ____ NOTES BY FEB DATE 22 Apr 75
DATE ____ INDEXED E. M. PALMERI DATE NOV 22 75

F. B. 2452 PG. 197

765420 S & E-353 9-55

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

Do not extend notes this side of this line

JOB NO. 001.00 SURVEY OF GEODETIC CONTROL
SURVEY BY FE Brooks
NOTES BY FE 13 DATE 22 Apr 95
INDEXED L. M. PALMERI DATE MAY 22 95
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2452 PG. 178

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
No 2	258 572	(15)	3201.352			SLEEPY VALLEY 0-15 No 2
+	6 351					Calif. Div. of Hwys. 4" Brass Disk
⊼	264 923				162	See Pg. 181
−	3 737	(16) 3203.921				
SLEEPY VALLEY 0-15	261 186				3203.968	SLEEPY VALLEY 0-15
+	3 789					Calif. Div. of Hwys. 4" Brass Disk
⊼	264 975				3200.907	See Pg. 181
−	6 714					
TP	258 258					
+	2 650					
⊼	260 908					
−	8 560					
TP 13	252 348					
+	0 810					
⊼	253 158					
−	0 515					
TP 12	252 643					
+	8 750					
⊼	261 393					
−	0 678					
TP 11	260 715					
+	9 254					
⊼	269 969					
−	2 157					
TP 10	267 812					
+	5 518					
⊼	273 330					
−	7 083					
TP 9	266 247					

ELEVATIONS by Assumed Elev = 200.000 per PB

755420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 9	266 247					
+	1 117					
⊼	267 364					
−	9 990					
TP 8	257 374					
+	0 685					
⊼	258 059					
−	9 665					
TP 7	248 394					
+	1 208					
⊼	249 602					
−	8 270					
TP 6	241 332					
+	2 444					
⊼	243 776					
−	6 170					
TP 5	237 606					
+	3 890					
⊼	241 496					
−	6 826					
TP 4	234 670					
+	2 383					
⊼	237 053					
−	7 768					
TP 3	229 285					
+	2 767					
⊼	232 052					
−	6 530					
TP 2	225 522					

NOTES RED. JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE SURVEY BY FEB Brooks
NOTES CHKD. NOTES BY FEB DATE 22 Apr 75
DATE INDEXED L. M. PALMER DATE 22 Apr

F. B. 2452 PG. 179

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	225.522					
+	3.520					
*	229.042	check				
-	6.803	217.092	Pg 174			
TP 1	222.239	217.097				
+	2.540	.005	ok			
*	224.779					
-	7.682					
TBM 5	217.097	(31) O.K			3159.877	TBM 5 sq hd spk in pvmt see Pg 174

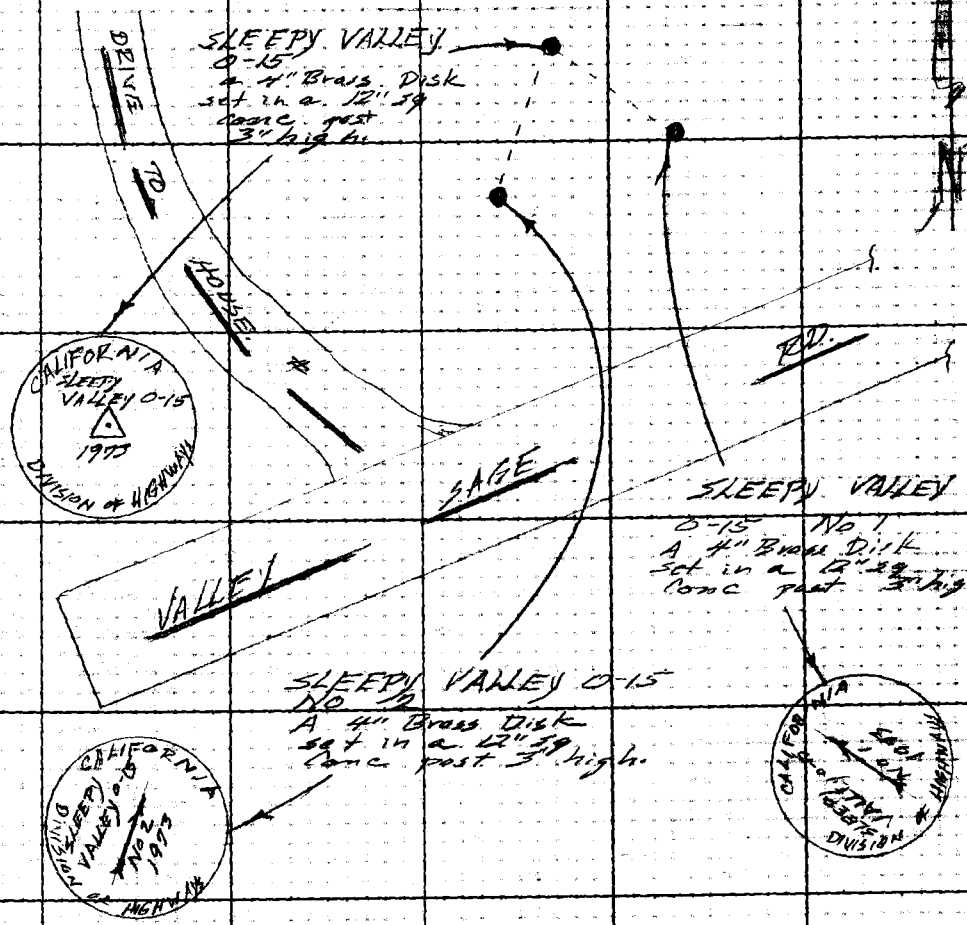
JOB NO. 0301.60 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE NOTES CHKD.
INDEXED T. M. PALMERI DATE NOV 22 '76 DATE

F. B. 2452 PG. 180

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 27 Apr 75
Date	Indexed L. M. PALMER

F. B. 2452 Pg. 181

SLEEPY VALLEY 0-15



SLEEPY VALLEY 0-15 is 61.17' above BM 201-27A
SLEEPY VALLEY 0-15 No 1 is 58.26' above BM 201-27A
SLEEPY VALLEY 0-15 No 2 is 58.57' above BM 201-27A

Pages 177
178

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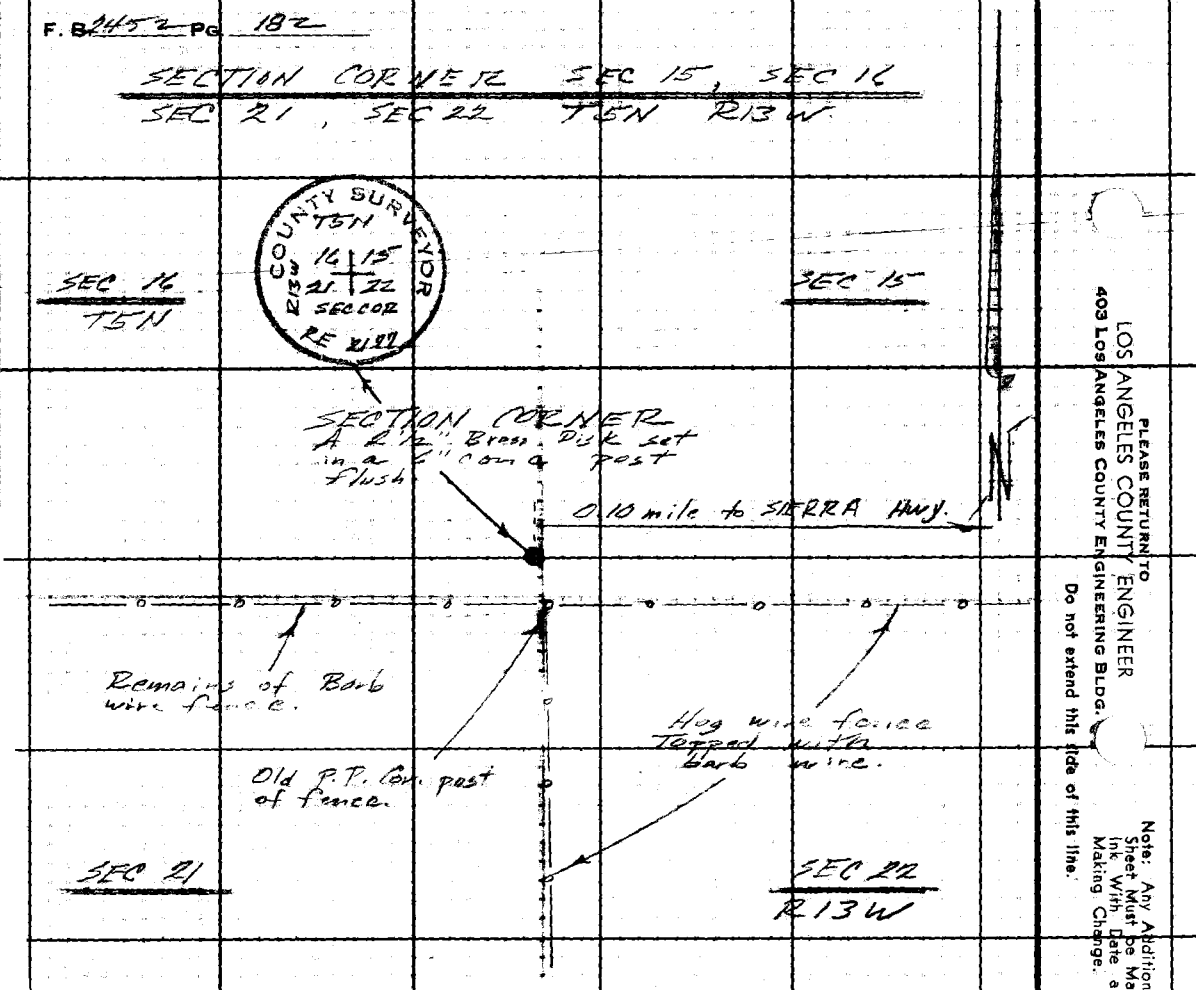
75F309S CEF 310 1-65

4

F. B. 2452 PG 182

SECTION CORNER SEC 15, SEC 16
SEC 21, SEC 22 T5N R13W



SECTION COR. is 19.23' below BM 201-77A
Page 163

200.000
180.766
19.234

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F. B. 2452 PG. 187

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0301.00 Division No. ____
Survey of GEODETIC CONTROL
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by FE Brooks Notes ____ Date ____
Map No. ____ Indexed L. M. PALMERI Date 1/22/78

SN 0301.00

GEODETIC CONTROL

ELEVATION DIFFERENCE

BETWEEN BM 202-24

AND STATION RAVENNA L8

Note

Circuit broken into Sections by numbered TBMs.

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

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

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76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.		6.837
BM 202-24	100 000			2577.967	BM 202-24	F.B. 2878 - 83
+	7602				Assumed elev. = 100.000	
⊼	107 602				Crown Valley Rd and S. P. R.R. 0.3 mile	
−	0768				N.E. of RR. mile pole # 428	
BM 202-71	106834				BM 202-71	F.B. 3720 - 149
+	0808				Crown Valley Rd and S.P.R.R. at Culvert	
⊼	107642				427.71.	
−	5965					
TP 1	101677					
+	2105					
⊼	103 782					
−	5 393					
TP 2	98 389					
+	2346					
⊼	100 735					
−	6158					
TP 3	94577					
+	1617					
⊼	96194					
−	5782					
TP 4	90412					

F. B. 2452 PG. 184
Job No. 0301.00 Division No. Notes Red Plotted Profile
Survey of GEODETIC CONTROL Date Date No.
Survey by FEBrooks Notes PEB Notes Chk'd. Checked X-Sec.
Indexed [redacted] PALMERI Date [redacted] 22 [redacted] Date Date No.

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 4	90 412					
+	1 760					
π	92 172					
−	5 930					
TP 5	86 242					
+	1 994					
π	88 236					
−	7 196					
TP 6	81 040					
+	2 420					
π	83 460					
−	9 980					
TP 7	73 480					
+	2 712					
π	76 192					
−	6 378			2547.781		
TBM 1	69 814	① Cont on Pg. 186			2547.779	TBM #1 Lg Bt. spk ~~west~~ Park entrance
+	6 406					
π	76 220					
−	2 740					
TB 7	73 480					
+	9 713					
π	83 193					
−	2 153					
TP 6	81 040					
+	7 218					
π	88 258					
−	2 013					
TP 5	86 245					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 28 Apr. 75
DATE ____ INDEXED L.L. PALMERI DATE MAR 22 75

F.B. 2452 Pg. 185

76S420 S & E-353 9-55

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JOB NO. 0301.60 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FE Brooks NOTES CHKD. DATE
NOTES BY FEB DATE 28 Apr 75
INDEXED L. M. PALMERI DATE [illegible] 23 '75

F. B. 2452 PG. 186

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	86 245					
+	5 810					
⊼	92 055					
−	1 638					
TP 4	90 417					
+	5 612					
⊼	96 029					
−	1 448					
TP 3	94 581					
+	5 952					
⊼	100 533					
−	2 144					
TP 2	98 389					
+	5 300					
⊼	103 689					
−	2 014					
TP 1	101 675					
+	3 855					
⊼	105 530					
−	5 527					
BM 202-24	100 003 (16) OK		100.000 per pg 184 / 100.003 check / 0.003	2577.970	2577.967	BM 202-24 Crown Valley Rd. & S.P. R.R. see pg 184
TBM 1	69 814				2547.779	TBM Lg Bt Spk BW from pg 185
+	2 780					
⊼	72 594					
−	5 630					
TP 1	66 964					

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	66 964					
+	4 827					
π	71 791					
-	4 894					
TP 2	66 897					
+	4 840					
π	71 737					
-	5 270					
TP 3	66 467					
+	5 466					
π	71 933					
-	6 347					
TP 4	65 586					
+	2 577					
π	68 163					
-	8 143					
TP 5	60 020					
+	0 844					
π	60 864					
-	8 833					
TP 6	52 031					
+	0 623					
π	52 654					
-	8 314			2522.305		
TBM 2	44 340 (7)	Cont. on Pg. 189			2522.302	TBM 2 cone Nail in cone river crossing
+	8 213					
π	52 553					
-	0 523					
TP 6	52 030					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD ____ NOTES BY FEB DATE 28 Apr. 75
DATE ____ INDEXED L. M. PALMER DATE 22

F. B. 2452 Pg. 187

76S420 S & E-353 9-55

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JOB NO. 0301.08 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. Brooks DATE
NOTES BY F.E.B. DATE 28 April 75 NOTES CHKD.
INDEXED T. M. PALMER DATE [illegible] DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	52,030					
+	9,857					
⊼	61,887					
−	1,868					
TP 5	60,019					
+	8,333					
⊼	68,352					
−	2,768					
TP 4	65,584					
+	5,940					
⊼	71,524					
−	5,060					
TP 3	66,464					
+	5,225					
⊼	71,689					
−	4,792					
TP 2	66,897					
+	5,118					
⊼	72,015					
−	5,050					
TP 1	66,965					
+	5,390					
⊼	72,355					
−	2,535					
TBM 1	69,820	O.K. (14)	69.814 pg 185 69.820 0.006 ck	2547.785	2547.779	TBM 1 Lg Bt. Spikeup see Pg 185

F. B. 2452 PG. 188

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM 2	44,340				2522.302	TBM 2 Conc M. from pg 187
+	8,840					
⊼	53,180					
-	1,534					
TP 1	51,646					
+	6,622					
⊼	58,268					
-	4,680					
TP 2	53,588					
+	7,550					
⊼	61,138					
-	1,898					
TP 3	59,240					
+	6,815					
⊼	66,055					
-	1,730					
TP 4	64,325					
+	9,753					
⊼	74,078					
-	1,414					
TP 5	72,664					
+	8,504					
⊼	81,168					
-	1,478					
TP 6	79,690					
+	9,582					
⊼	89,272					
-	0,430					
TP 7	88,842					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 28 Apr 75
DATE ____ INDEXED L. H. PALMERI DATE NOV 22 '75

F. B. 2452 Pg. 189

76S420 S & E-353 9-55

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY PE Brooks
NOTES BY FEB DATE 28 April 75
INDEXED R. M. PALMERI DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	88 842					
+	9 890					
⊼	98 732					
−	2 108					
TP 8	96 624					
+	8 400					
⊼	105 024					
−	1 268					
TP 9	103 756					
+	9 303					
⊼	113 059					
−	1 637					
TP 10	111 422					
+	9 687					
⊼	121 109					
−	1 607					
TBM 3	119 502		Cont. on Pg. 192		2597.564	TBM 3 1x2 & N Top of hill by old shack
+	1 686					
⊼	121 188					
−	9 765					
TP 10	111 423					
+	1 782					
⊼	113 210					
−	9 453					
TP 9	103 757					
+	1 458					
⊼	105 215					
−	8 590					
TP 8	96 625					

F. B. 2452 PG. 190

69420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 8	96 625					
+	2 408					
⊼	99 033					
-	8 577					
TP 7	90 456					
+	0 513					
⊼	90 969					
-	9 092					
TP 6	81 877					
+	0 987					
⊼	82 864					
-	9 805					
TP 5	73 059					
+	1 250					
⊼	74 309					
-	9 292					
TP 4	65 017					
+	1 982					
⊼	66 999					
-	7 755					
TP 3	59 244					
+	2 108					
⊼	61 352					
-	7 760					
TP 2	53 592					
+	4 964					
⊼	58 556					
-	6 907					
TP 1	51 649					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY F.E. Brooks
NOTES CHKD. ____ NOTES BY F.E.B. DATE 28 Apr 76
DATE ____ INDEXED L. M. PALMERI DATE 22 [illegible]

F.B. 2452 PG. 191

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	51 649					
+	1 675		44.340 pg 187			
⊼	53 324		44.340			
−	8 984		0.000	CK		
TBM 2	44 340	O.K			2522:302	TBM 2 Conc. N. see pg 187
TBM 3	119 502				2597.564	TBM 3 1/2 + N from pg 190
+	0 482					
⊼	119 984					
−	7 683					
TP 1	112 301					
+	1 217					
⊼	113 518					
−	8 926					
TP 2	104 592					
+	0 943					
⊼	105 535					
−	8 185					
TP 3	97 350					
+	0 466					
⊼	97 816					
−	7 832					
TP 4	89 984					
+	3 767					
⊼	93 751					
−	1 708					
TP 5	92 043					

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 28 Apr 75 NOTES CHKD.
INDEXED E. M. PALMER DATE MAY 22 75 DATE

F. B. 2452 PG. 192

7[illegible]S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	92 043					
+	8 895					
π	100 938					
−	1 512					
TP 6	99 426					
+	9 222					
π	108 648					
−	0 500					
TP 7	108 148					
+	9 977					
π	118 125					
−	8 948					
TP 8	109 177					
+	4 692					
π	113 869					
−	1 070					
TP 9	112 799					
+	9 047					
π	121 846					
−	0 564					
TP 10	121 282					
+	9 273					
π	130 555					
−	0 632					
TP 11	129 923					
+	9 645					
π	139 568					
−	0 753		2616.877			
[illegible] 11	138 815 (12)		Cont on Pg 195		2616.886	TBM 4 1" I.R on N side of Edison Rd.

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 28 Apr 70
DATE ____ INDEXED L. M. PALMERS DATE NOV 22 75

F.B. 2452 PG. 193

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM 4	138 815					TBM 4 1" I.P. see pg 194
+	0 825					
⊼	139 640					
−	9 720					
TP 11	129 920					
+	0 458					
⊼	130 378					
−	9 098					
TP 10	121 280					
+	0 366					
⊼	121 646					
−	8 851					
TP 9	112 795					
+	1 055					
⊼	113 850					
−	4 688					
TP 8	109 162					
+	8 943					
⊼	118 105					
−	9 973					
TP 7	108 132		[illegible]			
+	0 714					
⊼	108 846					
−	9 435					
TP 6	99 411		99 [illegible]			
+	0 742					
⊼	100 153					
−	8 127					
TP 5	92 026		92 [illegible]			

JOB NO. 03d.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 29 Apr. 1 75 NOTES CHKD.
INDEXED L. L. PALMERI DATE 22 [illegible] DATE

F. B. 2452 PG. 194

7 S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	92 026					
+	1 684					
π	93 710					
−	3 745					
TP 4	89 965					
+	7 782					
π	97 747					
−	0 413					
TP 3	97 334					
+	8 237					
π	105 571					
−	0 995					
TP 2	104 576					
+	8 987					
π	113 563					
−	1 280					
TP 1	112 283					
+	7 925					
π	120 208					
−	0 724					
TBM 3	119 484	(24) O.K.		2597.546	2597.564	TBM 3 1X2 & N see pg 190
TBM 4	138 815				2616.886	TBM 4 1" I.P. see pg 193
+	8 813					
π	147 628					
−	2 578					
− 1	145 050					

119.502 pg 190
119.484
0.018
CK

NOTES RED ____ JOB NO 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD ____ NOTES BY FEB DATE 29 April 1975
DATE ____ INDEXED [redacted] PALMER DATE [redacted] 22 [redacted]

F.B. 2452 Pg. 195

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY PE Brooks
NOTES BY FTB DATE 29 April 1976
INDEXED L. M. PALMER DATE [redacted]
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 245-2 PG. 196

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	145 050					
+	8 627					
Σ	153 677					
−	1 677					
TP 2	152 000					
+	9 187					
Σ	161 187					
−	0 283					
TP 3	160 904					
+	9 246					
Σ	170 150					
−	0 207					
TP 4	169 943					
+	8 983					
Σ	178 926					
−	0 666					
TP 5	178 260					
+	7 632					
Σ	185 892					
−	1 780					
TP 6	184 112					
+	9 130					
Σ	193 242					
−	0 435					
TP 7	192 807					
+	9 207					
Σ	202 014					
−	1 513					
TP 8	200 501					

7[illegible]5420 S & E-353 9-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 8	200,501					
+	9,674					
π	210,175					
-	1,002					
TP 9	209,173					
+	9,012					
π	218,185					
-	0,508					
TP 10	217,677					
+	9,665					
π	227,342					
-	0,418					
TP 11	226,924					
+	9,195					
π	236,119					
-	1,923			2712.267		
TBM 5	234,196 (12)		Cont. on pg. 199		2712.264	TBM 5 Red bolt on Edison Tower 7/3
+	1,730					
π	235,926					
-	9,002					
TP 11	226,924					
+	0,577					
π	227,501					
-	9,825					
TP 10	217,676					
+	0,553					
π	218,229					
-	9,055					
TP 9	209,174					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 29 April 75
DATE ____ INDEXED L. M. PALMERI DATE [illegible]22[illegible]

F.B. 2452 PG. 197

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 9	209 174					
+	0 893					
π	210 067					
-	9 565					
TP 8	200 502					
+	1 100					
π	201 602					
-	8 795					
TP 7	192 807					
+	0 214					
π	193 021					
-	8 910					
TP 6	184 111					
+	1 528					
π	185 639					
-	7 380					
TP 5	178 259					
+	0 488					
π	178 747					
-	8 805					
TP 4	169 942					
+	0 330					
π	170 272					
-	9 368					
TP 3	160 904					
+	0 274					
π	161 178					
-	9 177					
TP 2	152 001					

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY _____ DATE _____ NOTES CHKD. _____
INDEXED L. M. PALMERI DATE NOV 22 [illegible] DATE _____

F. B. 2452 PG. 198

8/4

76[illegible]420 S & E-353 9-55

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	152 001					
+	1 296					
⊼	153 297					
-	8 244					
TP 1	145 053					
+	2 540					
⊼	147 593					
-	8 773					
TBM 4	138 820	OK (24)		2616.891	2616.886	TBM 4 1" I.P. see pg 193
TBM 5	234 196				2712.264	TBM 5 Red bolt see pg 197
+	2 070					
⊼	236 266					
-	2 793					
TP 1	233 473					
+	8 973					
⊼	242 446					
-	0 213					
TP 2	242 233					
+	9 045					
⊼	251 278					
-	0 390					
TP 3	250 888					
+	8 872					
⊼	259 760					
-	0 635					
	[illegible]9 125					

138.815 pg 193
138.820
0.005 ok

NOTES RED ____ JOB NO. 0701.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FEB Brooks
NOTES CHKD ____ NOTES BY FEB DATE 29 April 1975
DATE ____ INDEXED L. M. PALMER DATE MAY 22 75

F.B. 2452 PG. 199

768420 S & E-353 9-55

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

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Do not extend notes this side of this line

JOB NO. 0701.00 SURVEY OF Goode Fire Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 29 April 95
INDEXED [redacted] PALMER DATE [redacted] 22 [redacted]
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 2452 PG. 200

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 4	259 120					
+	9 270					
=	268 395					
−	0 783					
TP 5	267 612					
+	9 770					
=	277 382					
−	0 319					
TP 6	277 063					
+	9 010					
=	286 073					
−	0 988					
TP 7	285 085					
+	7 870					
=	292 955					
−	2 216					
TP 8	290 739					
+	7 165					
=	297 904					
−	2 953					
TP 9	294 951					
+	8 322					
=	303 273					
−	2 143					
TP 10	301 130					
+	9 803					
=	310 933					
−	0 672					
TP 11	310 261					

75S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 11	310 261					
+	9 493					
π	319 754					
−	0 605					
TP 12	319 149					
+	9 469					
π	328 618					
−	0 747					
TP 13	327 871					
+	9 389					8.552
π	337 260			8.843		0.256
−	0 495			0.545		8.296
				8.298		
TP 14	336 765					
+	9 545					
π	346 310					
−	0 861					
TP 15	345 449					
+	8 843					
π	354 292					
−	0 545			2831.815		
TBM 6	353 747 (16)		Cont on pg 204		2831.817	TBM 6 Lg Bt spk ← W in white rock outcrop
+	0 667					
π	354 414					
−	8 966					
TP 15	345 448					
+	0 788					
π	346 236					
−	9 472					
TP 14	336 764					

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 29 April 75
DATE INDEXED E. M. PALMERI DATE [illegible]

F.B. 2452 PG. 201

F. B. 2452 PG. 202

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 29 April 75 NOTES CHKD.
INDEXED S. M. PALMERI DATE MAY 22 75 DATE

76S420 S & E-353-9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 14	336 764					
+	0 501					
⊼	337 265					
-	9 396					
TP 13	327 869					
+	0 770					
⊼	328 639					
-	9 493					
TP 12	319 146					
+	0 257					
⊼	319 403					
-	9 143					
TP 11	310 260					
+	0 938					
⊼	311 198					
-	9 689					
TP 10	301 509					
+	1 743					
⊼	303 252					
-	8 303					
TP 9	294 949					
+	2 713					
⊼	297 662					
-	6 924					
TP 8	290 738					
+	2 184					
⊼	292 922					
-	7 838					
TP 7	285 084					

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	285 084					
+	1 051					
⊼	286 135					
−	9 074					
TP 6	277 061					
+	0 553					
⊼	277 614					
−	10 003					
TP 5	267 611					
+	0 662					
⊼	268 273					
−	9 149					
TP 4	259 124					
+	0 591					
⊼	259 715					
−	8 830					
TP 3	250 885					
+	0 445					
⊼	251 330					
−	9 102					
TP 2	242 228					
+	0 294					
⊼	242 522					
−	9 053					
TP 1	233 469					
+	2 814					
⊼	236 283					
−	2 090					
TBM 5	234 193	(32) O.K.		2712.261	2712.264	TBM 5 Red Bolt see pg 197

234.196 pg 197
234.193
0.003 ck

NOTES RED ____ JOB NO. 03 01.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY F E Brooks
NOTES CHKD ____ NOTES BY F E B DATE 29 April 75
DATE ____ INDEXED L. M. PALMERI DATE MAY 22 75

F. B 2452 PG. 203

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY F.E. Brooks
NOTES BY F.E.B. DATE 29 April 1975
INDEXED L. M. PALMER DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2452 PG. 204

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM 6	353 747				2831.817	TBM 6 Lg Bt Spk & W Pg 201
+	9 510					
π	363 257					
−	0 655					
TP 1	362 602					
+	9 638					
π	372 240					
−	0 978					
TP 2	371 302					
+	9 667					
π	380 965					
−	0 652					
TP 3	380 313					
+	8 788					
π	389 101					
−	0 838					
TP 4	388 263					
+	8 034					
π	396 297					
−	0 333					
TP 5	395 964					Bt. Spk & W
+	8 955					
π	404 919					
−	0 484					
TP 6	404 435					
+	9 603					
π	414 038					
−	0 567					
TP 7	413 471					

75S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	413 471					
+	9 864					
π	423 335					
-	1 052					
TP 8	422 283					
+	9 545					
π	431 828					
-	1 509					
TP 9	430 319					
+	9 172					
π	439 491					
-	1 002					
TP 10	438 489					
+	9 632					
π	448 121					
-	0 876					
TP 11	447 245					
+	9 853					
π	457 098					
-	0 613					
TP 12	456 485					
+	7 346					
π	463 831					
-	1 474	(13)	2940.427	2940.424	BM	
RAVENNA L-8	462 357					RAVENNA L-8
+	1 632					A 4" Brass Disk set in a 8" Cone
π	463 989					post Pg 209
-	1 835	(14)				
1" I.P.	462 154		Elev. 2940.224	2940.220		1" I.P. Cone plug & Co. Engr. Tag. (Aux Pt) Pg 209

ELEVATIONS by Assumed BM 100.000 per Pg 184

NOTES RED ____ JOB NO 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 1 May 1975
DATE ____ INDEXED E. M. PALMERI DATE [illegible]

F.B. 2452 PG. 205

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
1" I. P.	462 154	(14)	2940.224	2940.220		1" I. P.
+	1 917					
π	464 071					
−	1 713					
RM 1	462 358	(15)	2940.426		2940.422	RAVENNA L-8 RM 1
+	1 811					A 4" Brass Disk set in a 8" cone
π	464 169					post pg 209
−	3 510					
RM 2	460 659	(16)		2938.729	2938.725	RAVENNA L-8 RM 2
+	3 543					A 4" Brass Disk set in a 8" cone
π	464 202					post pg 209
−	7 717					
TP 12	456 485					
+	0 602					
π	457 087					
−	9 842					
TP 11	447 245					
+	0 848					
π	448 093					
−	9 605					
TP 10	438 488					
+	1 023					
π	439 511					
−	9 193					
TP 9	430 318					
+	1 540					
π	431 858					
−	9 576					
TP 8	422 282					

ELEVATIONS by assumed B.M. Elev. = 100.000 per pg 184

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 1 May 75
INDEXED T. M. PALMER DATE NOV 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2452 PG. 20

7SS420 S & E-353 9-55

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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 8	422 282					
+	1 094					
π	423 376					
-	9 905					
TP 7	413 471					
+	0 682					
π	414 153					
-	9 716					
TP 6	404 437					
+	0 478					
π	404 915					
-	8 948					
TP 5	395 967					
+	0 469					
π	396 436					
-	8 169					
TP 4	388 267					
+	0 705					
π	388 972					
-	8 654					
TP 3	380 318					
+	0 715					
π	381 033					
-	9 725					
TP 2	371 308					
+	0 896					
π	372 204					
-	9 595					
TP 1	362 609					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 1 May 75
DATE ____ INDEXED L. M. PALMER DATE 22 [illegible]

F. B. 2452 PG. 207

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	362 609					
+	0 429		353.747			
π	363 038		353.754			
-	9 284		0.007			
			ck			
TBM 6	353 754	(28) O.K.	2831.82		2831.817	TBM 6 Lg Bt Spk W+T pg 201

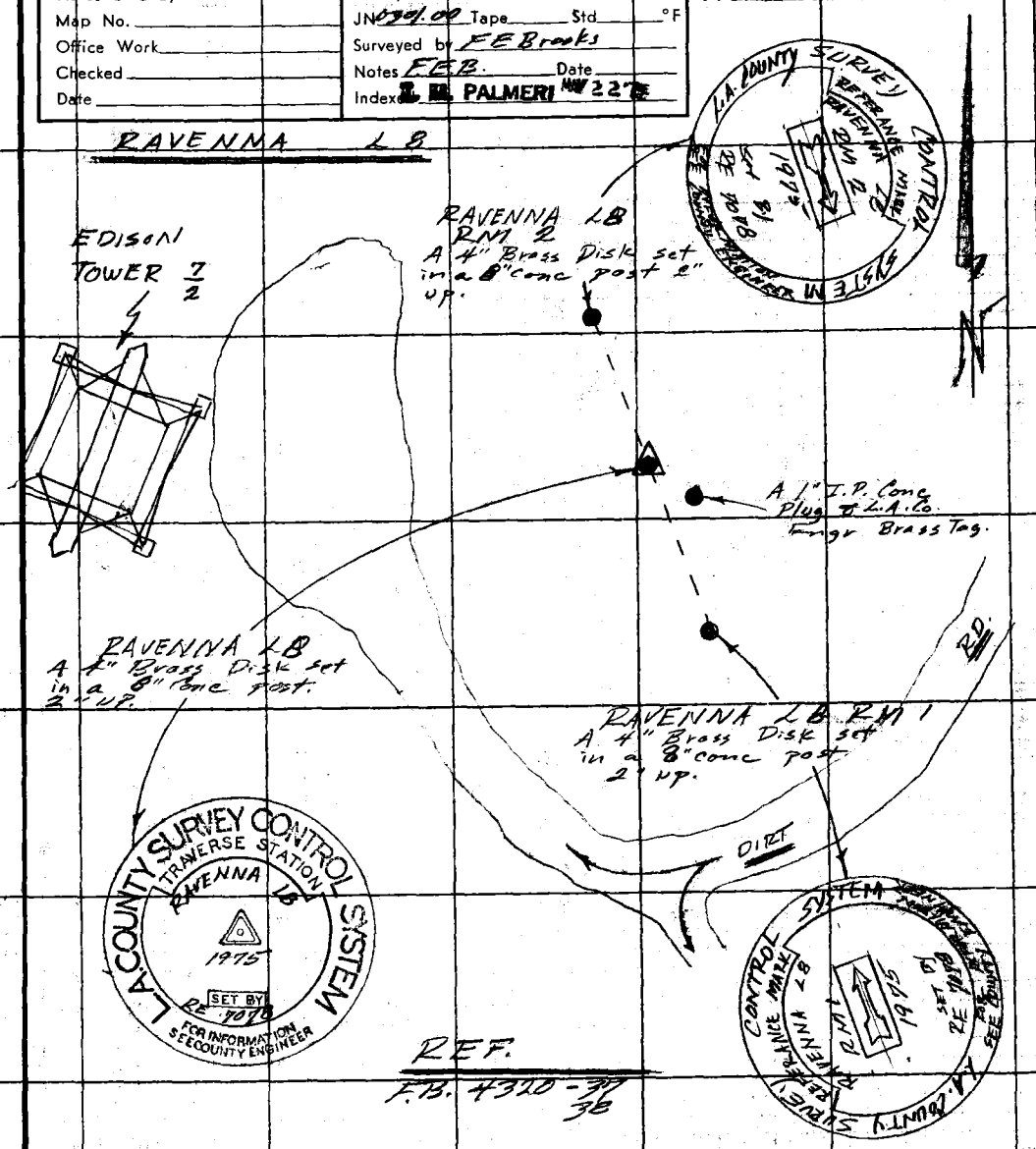
JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 1 May 75 NOTES CHKD.
INDEXED I. M. PALMERI DATE MAY 22 75 DATE

F. B. 2452 PG. 202

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0391.00 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date
Date	Index L. PALMERI MAY 22

F. B. 2452 PG. 209

RAVENNA LB



REF.
F.B. 4320-37
38

RAVENNA LB	is	362.36	above	BM 202-24
RAVENNA LB RM1	is	362.36	above	BM 202-24
RAVENNA LB RM2	is	360.66	above	BM 202-24
1" I.P. & Tag	is	362.15	above	BM 202-24

Pgs 205 - 206

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

Do not extend this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S QE#310 3-69

F. B. 2452 PG. 210

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F. B. 2452 PG. 211

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0301.00 Division No. ____
Survey of GEODETIC CONTROL
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by FE Brooks Notes FEB Date 1 May 75
Map No. ____ Indexed X. M. PALMERI Date MAY 22 '75

SN 0301.00

GEODETIC CONTROL

ELEVATION DIFFERANCE

BETWEEN BM 202-60

AND STATION RAVENNA D8

Note

Circuit broken into sections by numbered TBMs

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

Brooks
Smith
Creason

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

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76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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23.435

STATION	B. S.	H. I.	F. S.	ELEV.	
BM 202-60	100.000				BM 202-60 F.B. 3720-127
+	3 275				Assumed Elev. 100.000
⊼	103 275				S.P. R.R. 3.7 miles E. of Agua Dulce Canyon
-	3 087				Rd. E. end Conc. retaining wall. at
TP 1	100 188				sta. 432.13 a nail in lead stamped B.M.
+	3 182				EL. BM 202-60 = 2219.12 FT.
⊼	103 370				
-	3 190				
TP 2	100 180				
+	3 715				
⊼	103 895				
-	3 663				
TP 3	100 232				
+	4 933				
⊼	105 165				
-	4 113				
TP 4	101 052				
+	4 665				
⊼	105 717				
-	3 397				
TP 5	102 320				

F. B. 2452 PG. 212

Job No. 0302.08 Division No. Notes Red Plotted Profile

Survey of GEODETIC CONTROL Date Date No.

Survey by FEBleeks Notes FEB Notes Chk'd. Checked X-Sec.

Indexed L. M. PALMERS Date NOV 22 '75 Date Date No.

7[illegible]8420 S & E-353 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	102 320					
+	5 385					
⊼	107 705					
-	3 747					
TP 6	103 958					
+	5 053					
⊼	109 011					
-	2 920					
TP 7	106 091					
+	4 925					
⊼	111 016					
-	2 005					
TP 8	109 011					
+	4 903					
⊼	113 914					
-	1 427					
TP 9	112 487					
+	4 840					
⊼	117 327					
-	1 303					
TP 10	116 024					
+	5 050					
⊼	121 074					
-	1 470					
TP 11	119 604					
+	4 273					
⊼	123 877					
-	1 317					
TP 12	122 560					

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. _____ NOTES BY FEB DATE 1 May 75
DATE _____ INDEXED [illegible] PALMERI DATE [illegible]

F. B. 2452 PG. 213

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 12	122 560					
+	3 517					
π	126 077					ΣBS ΣFS = 23.451
−	2 626					
BM 202-61	123 451	O.K.				BM 202-61 (USC&GS U486) F.B. 3720-129 Southern Pacific R.R. 4.1 mile E. of Agua Dulce Canyon Rd. A 4" Brass disk set in N.W. wing wall of culvert at 431.69. EL. BM 202-61 = 2242.55
			23.435	diff. BM 202-60 To BM 202-61		per office
			23.451	" " " " " " "		measured
			.016	error.		
			No	rerun made from 202-61 To BM 202-60		
BM 202-61	123 451					BM 202-61 see above.
+	1 194					
π	124 645					
−	8 726					
TP 1	115 919					
+	1 363					
π	117 282					
−	7 033					
TP 2	110 249					
+	0 557					
π	110 806					
−	7 180					
TP 3	103 626					

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 1 May 1975
INDEXED L. M. PALMERI DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2452 PG. 214

75S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 3	103 626					
+	3 220					
⊼	106 846					
-	4 928					
TP 4	101 918					
+	4 225					
⊼	106 143					
-	4 522					
TP 5	101 621					
+	6 003					
⊼	107 624					
-	3 870					
TP 6	103 754					
+	3 828					
⊼	107 582					
-	4 785					
TP 7	102 797					
+	5 788					
⊼	108 585					
-	6 868					
TP 8	101 727					
+	2 578					
⊼	104 305					
-	7 580					
TP 9	96 735					
+	4 474					
⊼	101 209					
-	2 305					
TP 10	98 904					

NOTES RED ____ JOB NO. 0201.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 1 May 95
DATE ____ INDEXED L. M. PALMERI DATE MAY 23 '95

F. B. 2452 PG. 215

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 10	98 904					
+	9 423					
⊼	108 327					
−	0 184					
TP 11	108 143					
+	9 355					
⊼	117 498					
−	3 850					
TP 12	113 648					
+	8 133					
⊼	121 781					
−	1 234					
SEC. COR	120 547	Cont on pg. 218				SEC. COR. EL = 2239.646'
+	1 373					A 2½" Brass Disk set in a 6" conc
⊼	121 ~~920~~ 920					Post See pg. 238
−	8 272					
TP 12	113 648					
+	4 280					
⊼	117 928					
−	9 783					
TP 11	108 145					
+	0 453					
⊼	108 598					
−	9 692					
TP 10	98 906					
+	2 350					
⊼	101 256					
−	4 517					
TP 9	96 739					

ELEVATION BY Assumed BM
Elev. = 100.000 per pg. 212

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FEB Brooks DATE
NOTES BY FEB DATE 1 May 75 NOTES CHKD.
INDEXED L. M. PALMERO DATE NOV 22 75 DATE

F. B. 2452 PG. 216

765420 B & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 9	96 739					
+	6 523					
π	103 262					
−	3 051					
TP 8	100 211					
+	7 950					
π	108 161					
−	5 360					
TP 7	102 801					
+	4 703					
π	107 504					
−	3 748					
TP 6	103 756					
+	3 987					
π	107 743					
−	6 116					
TP 5	101 627					
+	4 900					
π	106 527					
−	4 605					
TP 4	101 922					
+	5 049					
π	106 971					
−	3 340					
TP 3	103 631					
+	7 169					
π	110 800					
−	0 548					
TP 2	110 252					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Pacific Coastal
DATE ____ SURVEY BY FE Brooks
NOTES CHKD ____ NOTES BY FEB DATE 1 May 75
DATE ____ INDEXED [redacted] PALMER DATE NOV 22 75

F. B. 2452 PG. 217

76S420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FE B DATE 1 May 75 NOTES CHKD.
INDEXED [illegible] PALMER DATE MAY 22 75 DATE

F. B. 2452 PG. 218

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	110 252					
+	7 097					
⊼	117 349					
-	1 425					
TP 1	115 924					
+	9 686					
⊼	125 610					
-	2154					
BM 202-61	123 456	OK				
SEC COR	120 547					
+	1 613					
⊼	122 160					
-	8 513					
TP 1	113 647					
+	9 119					
⊼	122 766					
-	0 617					
TP 2	122 149					
+	9 695					
⊼	131 844					
-	0 852					
TP 3	130 992					
+	2 758					
⊼	133 750					
-	6 652					
TP 4	127 098					

123.451 pg 214
123.456
0.005
ok

BM 202-61 = 2242.55'
BM 202-61 (USC&GS N486)
See pg. 214
EB.S - EF.S. = .005

SEC. COR. ± ½" Brass Disk pg 216
EL = 2239.65'

7[illegible]5420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 4	127 098					
+	9 234					
π	136 332					
-	0 658					
TP 5	135 674					
+	9 946					
π	145 620					
-	0 257					
TP 6	145 363					
+	9 523					
π	154 886					
-	0 515					
TP 7	154 371					
+	9 634					
π	164 005					
-	0 837					
TP 8	163 168					
+	9 226					
π	172 394					
-	1 277					
TP 9	171 117					
+	9 394					
π	180 511					
-	0 416					
TP 10	180 095					
+	9 808					
π	189 903					
-	0 576					
TP 11	189 327					

NOTES RED _____ JOB NO. 0301.60 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. _____ NOTES BY FEB DATE 14 May 75
DATE _____ INDEXED L. M. PALMER DATE 22 [illegible]

F. B. 2152 PG. 219

76S420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FE Rvoolks
NOTES BY FEB DATE 14 May 75
INDEXED L. M. PALMER DATE MAY 23 75
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 11	189 327					
+	9 722					
π	199 049					
−	0 753					
TP 12	198 296					
+	9 407					
π	207 703					
−	0 428					
TP 13	207 275					
+	9 722					
π	216 997					
−	0 264					
TP 14	216 733					
+	9 324					
π	226 057					
−	0 929					
TP 15	225 128					
+	6 057					
π	231 185					
−	1 888					
TBM 1	229 297	cont on pg		223		TBM 1 Lg Bt Spk SW in rock cut bank EL= 2348.40'
+	2 000					
π	231 297					
−	6 168					
TP 15	225 129					
+	0 699					
π	225 828					
−	9 095					
TP 14	216 733					

F. B. 2452 PG. 220

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
TP 14	216 733					
+	0 232					
π	216 965					
−	9 688					
TP 13	207 277					
+	0 512					
π	207 789					
−	9 488					
TP 12	198 301					
+	0 861					
π	199 162					
−	9 830					
TP 11	189 332					
+	0 183					
π	189 515					
−	9 415					
TP 10	180 100					
+	0 375					
π	180 475					
−	9 352					
TP 9	171 123					
+	1 497					
π	172 620					
−	9 445					
TP 8	163 175					
+	0 833					
π	164 008					
−	9 630					
TP 7	154 378					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FE B DATE 14 May 75
DATE ____ INDEXED L. M. PALMERI DATE MAY 22 75

F. B. 2452 PG. 221

76S420 S & E-353 9-55

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JOB NO. 0701.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 14 May 75
INDEXED J. M. PALMERS DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	154 378					
+	0 607					
π	154 985					
−	9 616					
TP 6	145 369					
+	0 281					
π	145 650					
−	9 968					
TP 5	135 682					
+	0 927					
π	136 609					
−	9 503					
TP 4	127 106					
+	6 652					
π	133 758					
−	2 758					
TP 3	131 000					
+	1 143					
π	132 143					
−	9 986					
TP 2	122 157					
+	0 546					
π	122 703					
−	9 050					
TP 1	113 653					
+	8 470					
π	122 123					
−	1 570					
SEC COR	120 553	O.K.				

120 547 per pg 216
120 553
.006 ok

EL. SEC. COR 2239.65'
SEC. COR. per pg 216
ΣF − ΣB = .006

F.B. 8452 PG. 222

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM 1	229 297					TBM 1 Lg Bt Spk & W see Pg 220
+	9 288					EL. 2348.40
π	238 585					
−	0 675					
TP 1	237 910					
+	9 953					
π	247 863					
−	0 483					
TP 2	247 380					
+	9 225					
π	256 605					
−	0 655					
TP 3	255 950					
+	9 833					
π	265 783					
−	0 397					
TP 4	265 386					
+	9 806					
π	275 192					
−	1 736					
TP 5	273 456					
+	9 197					
π	282 653					
−	1 476					
TP 6	281 177					
+	9 213					
π	290 390					
−	1 317					
TP 7	289 073					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD ____ NOTES BY FEB DATE 14 May 75
DATE ____ INDEXED E. M. PALMER DATE 22 [illegible]

F.B. 2452 PG. 223

76S420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 14 May 75
INDEXED T. M. PALMER DATE 12 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2452 PG. 22-1

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	289 073					
+	9 208					
π	298 281					
−	0 417					
TP 8	297 864					
+	8 822					
π	306 686					
−	0 264					
TP 9	306 422					
+	9 122					
π	315 544					
−	0 526					
TP 10	315 018					
+	8 098					
π	323 116					
−	1 686					
TBM 2	321 430	cont on pg. 226				TBM 2 Lg Bt spk & W in rock cut bank
+	1 792					EL. = 2440.53'
π	323 222					
−	8 203					
TP 10	315 019					
+	0 772					
π	315 791					
−	9 367					
TP 9	306 424					
+	0 268					
π	306 692					
−	8 827					
TP 8	297 865					

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 8	297 865					
+	0 498					
⊼	298 363					
-	9 290					
TP 7	289 073					
+	1 343					
⊼	290 416					
-	9 237					
TP 6	281 179					
+	1 336					
⊼	282 515					
-	9 055					
TP 5	273 460					
+	1 513					
⊼	274 973					
-	9 584					
TP 4	265 389					
+	0 455					
⊼	265 844					
-	9 890					
TP 3	255 954					
+	0 827					
⊼	256 781					
-	9 398					
TP 2	247 383					
+	0 615					
⊼	247 998					
-	9 504					
TP 1	238 494					

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY FF Burnett
NOTES CHKD. NOTES BY FEB DATE 14 May 75
DATE INDEXED R. H. PALMER DATE AUG 22 75

F. B. 2452 PG. 225

76S420 S & E-353 9-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	238 494					
+	0 657					
π	239 151	229.297	per pg 220			
−	9 852	229.299				EL. 2348.40'
TBM 1	229 299	O.K.	.002	OK.		TBM 1 Rg Bt Spk & W see pg 220
						ΣB.S. − ΣF.S. = .002
TBM 2	321 430					TBM 2 Lg Bt. Spk & W see pg 224
+	9 150					EL. 2440.53'
π	330 580					
−	1 635					
TP 1	328 945					
+	9 214					
π	338 159					
−	0 224					
TP 2	337 935					
+	9 505					
π	347 440					
−	0 202					
TP 3	347 238					
+	9 705					
π	356 943					
−	0 558					
TP 4	356 385					
+	9 812					
π	366 197					
−	0 285					
TP 5	365 912					

NOTES RED. ____ DATE ____
NOTES CHKD. ____ DATE ____
JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks DATE 14 May 75
NOTES BY FEB DATE MAY 22 75
INDEXED T. M. PALMER

F.B. 2452 PG. 226

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	365 912					
+	9 637					
π	375 549					
−	0 257					
TP 6	375 296					
+	9 374					
π	384 670					
−	1 240					
TP 7	383 430					
+	9 564					
π	392 994					
−	0 802					
TP 8	392 192					
+	9 693					
π	401 885					
−	0 410					
TP 9	401 475					
+	9 443					
π	410 918					
−	0 543					
TP 10	410 375					
+	9 232					
π	419 607					
−	0 384					
TP 11	419 223					
+	9 748					
π	428 971					
−	1 131					
TP 12	427 840					

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY F.E. Brooks
NOTES CHKD. NOTES BY F.E.B. DATE 14 May 75
DATE INDEXED L. M. PALMERI DATE MAY 22 75

F. B. 2452 PG. 227

76S420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FIE Brooks
NOTES BY PEB DATE 14 May 75
INDEXED R. B. PALMERI DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2452 PG. 228

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 12	427 840					
+	8 133					
π	435 973					
−	4 990					
TBM 3	430 983	Cont on Pg. 230				TBM 3 PK spk in conc. EL = 2550.08'
+	4 705					
π	435 688					
−	7 846					
TP 12	427 842					
+	0 797					
π	428 639					
−	9 413					
TP 11	419 226					
+	0 370					
π	419 596					
−	9 217					
TP 10	410 379					
+	0 574					
π	410 953					
−	9 176					
TP 9	401 777					
+	0 440					
π	402 2~~21~~ 17					
−	9 350					
TP 8	392 8~~71~~ 67					
+	0 290					
π	393 1~~61~~ 57					
−	9 722					
TP 7	383 4~~29~~ 35					

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	383 ~~429~~	35				
+	1 308					
π	384 ~~747~~	43				
-	9 444					
TP 6	375 ~~303~~	299				
+	0 354					
π	375 ~~657~~	53				
-	9 265					
TP 5	376 ~~392~~	88				
+	0 323					
π	376 ~~718~~	1				
-	8 950					
TP 4	357 ~~765~~	1				
+	0 417					
π	358 ~~182~~	78				
-	9 627					
TP 3	348 ~~555~~	1				
+	0 504					
π	349 ~~057~~	5				
-	9 612					
TP 2	339 ~~447~~	3				
+	0 200					
π	339 ~~647~~	3				
-	9 972					
TP 1	329 ~~675~~	1				
+	1 017					
π	330 ~~692~~	88				
-	9 256					
TBM 2	321 ~~436~~	2				

321.430 per pg 224
321.436
.006 ok
.002

EL- 2440.53'
Ls Et sok ~~[illegible]~~ see pg 224
Σ B.S - Σ F.S. = .002

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 15 May 75
DATE INDEXED L. M. PALMER DATE [illegible]

F. B. 2452 PG. 229

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM 3	430 983					TBM 3 PK spk pvc pg 228
+	9 618					EL= 2550.08
π	440 601					
−	0 457					
TP 1	440 144					
+	9 308					
π	449 452					
−	0 318					
TP 2	449 134					
+	9 583					
π	458 717					
−	2 228					
TP 3	456 489					
+	9 384					
π	465 873					
−	0 565					
TP 4	465 308					
+	9 780					
π	475 088					
−	0 212					
TP 5	474 876					
+	9 702					
π	484 578					
−	1 138					
TP 6	483 440					
+	9 498					
π	492 938					
−	0 427					
TP 7	492 511					

NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 15 May 75
INDEXED T. M. PALMER DATE MAY 22 75
F. B. 2452 PG. 230

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	492 511					
+	9 085					
⊼	501 596					
−	0 576					
TP 8	501 020					
+	7 702					
⊼	508 722					
−	3 316					
TBM 4	505 406		Cont on pg 232			TBM 4 PK spk in lead. EL= 2624.50'
+	3 465					
⊼	508 871					
−	7 848					
TP 8	501 023					
+	0 560					
⊼	501 583					
−	9 067					
TP 7	492 516					
+	0 247					
⊼	492 763					
−	9 318					
TP 6	483 445					
+	1 193					
⊼	484 638					
−	9 756					
TP 5	474 882					
+	0 517					
⊼	475 399					
−	9 492					
TP 4	465 907					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD ____ NOTES BY FFB DATE 15 May 75
DATE ____ INDEXED T. M. PALMERI DATE MAY 23 75

F. B. 2452 PG. 231

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FEB Brooks
NOTES BY FEB DATE 15 May 75
INDEXED T. M. PALMERI DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 3452 PG. 232

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 4	465 907					
+	0 254					
⊼	466 161					
−	9 667					
TP 3	456 494					
+	2 258					
⊼	458 752					
−	9 612					
TP 2	449 140					
+	0 266					
⊼	449 406					
−	9 255					
TP 1	440 151					
+	0 546		430.983 per pg 228			
⊼	440 697		430.989			
−	9 708		.006	ok		
TBM 3	430 989	OK				EL= 2550.08' TBM 3 PK Spk pg 228 ΣB.S. ± ΣF.S. = .006
TBM 4	505 406					TBM 4 PK Spk ⊼ pg 231 EL= 2624.50
+	9 528					
⊼	514 934					
−	0 660					
TP 1	514 274					
+	9 903					
⊼	524 177					
−	0 466					
TP 2	523 711					

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 2	523 711					
+	9 212					
⊼	532 923					
−	0 393					
TP 3	532 530					
+	9 317					
⊼	541 847					
−	0 610					
TP 4	541 237					
+	8 985					
⊼	550 222					
−	0 365					
TP 5	549 857					
+	8 706					
⊼	558 563					
−	0 707					
TP 6	557 856					
+	9 557					
⊼	567 413					
−	0 503					
TP 7	566 910					
+	9 639					
⊼	576 549					
−	0 575					
TP 8	575 974					
+	9 535					
⊼	585 509					
−	0 584					
TP 9	584 925					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FE B DATE 15 May 75
DATE ____ INDEXED L. M. PALMERI DATE MAY 22 75

F. B 2115 PG. 233

769420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY F.E. Brooks
NOTES BY F.E.B. DATE 15 May 95
INDEXED L. M. PALMER DATE NOV 22 95
NOTES RED. DATE
NOTES CHKD. DATE
F. B. 2452 PG. 274

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 9	584 925					
+	9 886					
π	594 811					
−	0 633					
TP 10	594 178					
+	9 637					
π	603 815					
−	0 810					
RAVENNA DA	603 005					
+	0 924					
π	603 929					
−	5 777					
RM 1	598 152					
+	5 870					
π	604 022					
−	5 290					
RM 2	598 732					
+	5 087					
π	603 819					
−	9 642					
TP 10	594 177					
+	0 433					
π	594 610					
−	9 687					
TP 9	584 923					
+	0 796					
π	585 719					
−	9 747					
TP 8	575 972					

ELEVATIONS BY Assumed BM Per Pg. 212
Elev. = 100.000

RAVENNA DB 2722.12'
A 4" Brass Disk set in a 8" conc Post

RAVENNA DB RM 1
A 4" Brass Disk set in a 8" conc post
EL = 2717.27'

RAVENNA DB RM 2
A 4" Brass Disk set in a 8" conc post.
EL = 2717.85

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 8	575 972					
+	0 844					
π	576 816					
−	9 906					
TP 7	566 910					
+	0 876					
π	567 786					
−	9 497					
TP 6	558 289					
+	0 323					
π	558 612					
−	8 753					
TP 5	549 859					
+	0 354					
π	550 213					
−	8 965					
TP 4	541 248					
+	0 528					
π	541 776					
−	9 235					
TP 3	532 541					
+	0 845					
π	533 386					
−	9 667					
TP 2	523 719					
+	0 568					
π	524 287					
−	10 010					
TP 1	514 277					

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 15 May 75
DATE INDEXED T. M. PALMERI DATE MAY 22 75

F. B. 2452 PG. 235

F.B. 2432 PG. 236

JOB NO. 0341.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 15 May 75 NOTES CHKD.
INDEXED R. M. PALMERI DATE MAY 22 75 DATE

765420 S & E-353 9-55

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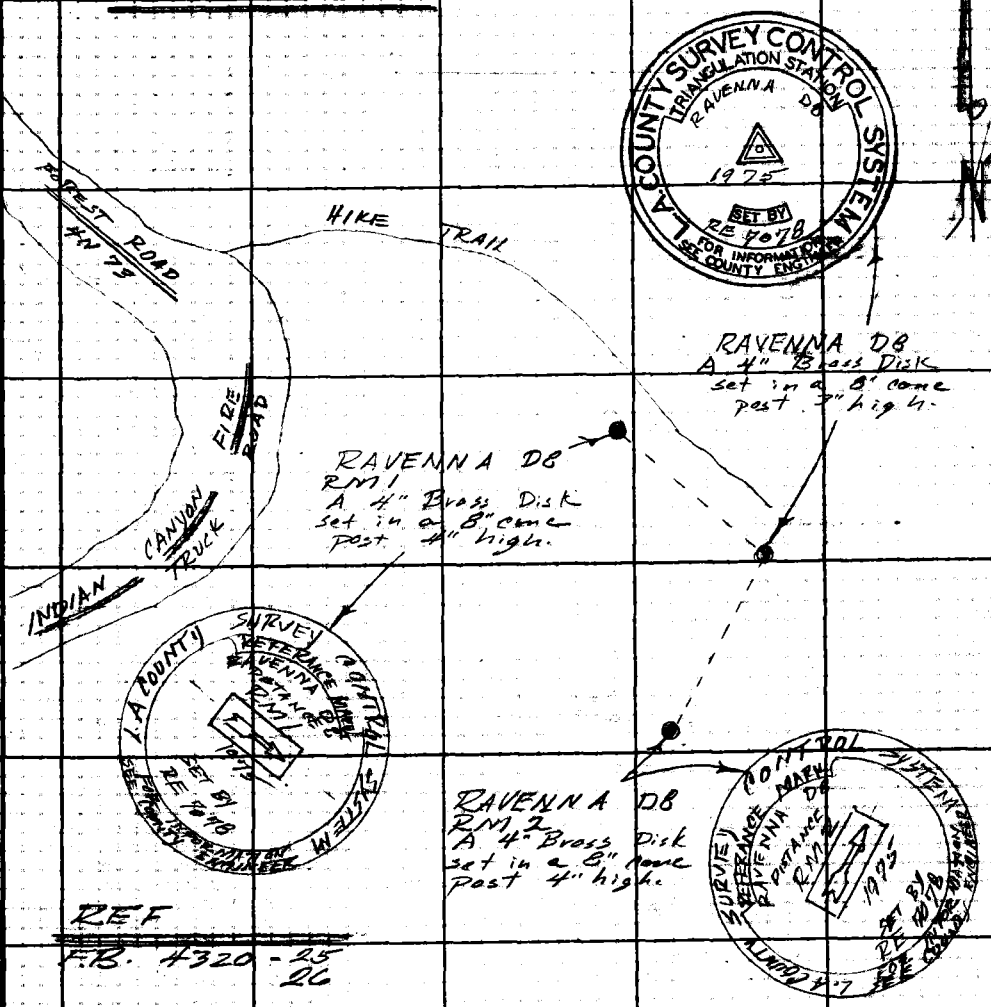
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 1	514.277					
+	0.790					
⊼	515.067					
−	9.655					
TBM 4	505.412	O.K.	505.401 Pg 231			
			505.412			
			.001	OK.		

TBM 4 PK Spk in 1. Pg 231
EBS-EFS = .006

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
Date	Indexed L. M. PALMERI MAY 22 75

F. B 2452 PG 237

RAVENNA D8



REF
F.B. 4320-25
2C

RAVENNA D8	is	503.00	above	BM 202-60
RAVENNA D8 RM1	is	498.15	above	BM 202-60
RAVENNA D8 RM2	is	498.73	above	BM 202-60

Page 234

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

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403 Los Angeles County Engineering Bldg.

76F3095 CE#310 1-65

F. B. 2452 PG. 238

SEC 7

T4N

SEC 8

COUNTY SURVEYOR
T4N
R13W
7 | 8
18 | 17
SEC COR
MONUMENT

N

SEC. COR.
Fd a 2½" Brass
Disk set in a 2" conc
Post 6" high.

ENTRANCE TO CAMPGROUND

RD.

CANYON

SOLEDAD

SEC 18

SEC 17

R13W

FOREST
#N 37
RD

REF.
F.B.

SECTION CORNER is 20.55' above BM 202-60

Pg 212

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F. B. 2452 PG. 239

Profile No.	Notes Red	Plotted	Job No. 0301.00	Division No.
	Date	Date	Survey of Geodetic Control	
X-Sec. No.	Notes Chk'd.	Checked	Survey by FEBrooks	Notes FED Date 15 May 75
	Date	Date	Map No.	Indexed J. M. PALMER Date 22

S N 0301.00

GEODETIC CONTROL

ELEVATION DIFFERANCE

BETWEEN BM 202-55

AND STATION RAVENNA AB

Note

Circuit broken into sections by numbered TBMs

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

Brooks
Smith
Arrazon

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-1-298 CE 307 8-70

76-L-298 CE 307 8-70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

49.496

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 202-55	100 000		2059.274	2059.274	BM 202-55 F.B. 2878-172	
+	8 063				Assumed Elevation = 100.000	
⊼	108 063				S.P.R.R. aprox. 1.9 mile E. of Soledad	
−	3 205				Canyon Rd. Crossing at Culvert #433.95 a	
TP 1	104 858				U.S.C. & G.S. Disk.	
+	6 804					
⊼	111 662					
−	2 540					
TP 2	109 122					
+	7 200					
⊼	116 322					
−	2 615					
TP 3	113 707					
+	7 183					
⊼	120 890					
−	3 090					
TP 4	117 800					
+	6 867					
⊼	124 667					
−	2 283					
TP 5	122 384					

F. B. 2452 PG. 240
Job No. 0301.02 Division No. Notes Red Plotted Profile
Survey of Geodetic Control Date Date No.
Survey by FEBrooks Notes FEB Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMER Date MAR 2 2 75 Date Date No.

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	122 384					
+	5 253					
π	127 637					
-	1 810					
TP 6	125 827					
+	6 325					
π	132 152					
-	2 180					
TP 7	129 972					
+	5 132					
π	135 104					
-	1 638					
TP 8	133 466					
+	5 816					
π	139 282					
-	2 451					
TP 9	136 831					
+	3 970					
π	140 801					
-	0 608					
TP 10	140 193					
+	4 568					
π	144 761					
-	1 048					
TP 11	143 713					
+	4 930					
π	148 643					
-	1 003					
TP 12	147 640					

NOTES RED ____ JOB NO 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD ____ NOTES BY FEB DATE 15 May 75
DATE ____ INDEXED L. M. PALMERI DATE [illegible]

F. B. 2452 PG. 241

768420 S & E-353 9-55

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

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FEB Brooks
NOTES BY FEB DATE 19 May 75
INDEXED L. M. PALMERI DATE MAY 22 75
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 12	147 640					
+	5 283					
⊼	152 923					
-	1 324					
TP 13	151 599					
+	5 425					
⊼	157 024					
-	1 651					
TP 14	155 373					
+	4 850					
⊼	160 223					
-	5 080					
TP 15	155 143					
+	5 597					
⊼	160 740					
-	9 633					
TP 16	151 107					
+	4 034					
⊼	155 141					
-	5 627					EB.S - EF.S. = 49.519
BM 202-56	149 514	OK			2108.788	BM 202-56 FB 3720-119
						Southern Pacific Rail road 2.5 miles E. of Agua Dulce Canyon Rd at Conc. Box Culvert 437.42. A nail in lead stamped B.M.
	49.496	diff. BM 202-55 To BM 202-56 per office				
	49.514	" " " " " " " " measured.				
	.018	error.				
		No rerun made from BM 202-56 To BM 202-55				

F. B. 2452 PG. 242

768420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 202-56	149.514				2108.788	BM 202-56
+	1.622					description see pg 242
π	151.136					
-	9.404					
TP 1	141.732					
+	0.326					
π	142.058					
-	9.003					
TP 2	133.055					
+	3.102					
π	136.157					
-	3.119					
TP 3	133.038					
+	3.017					
π	136.055					
-	6.007					
TP 4	130.048					
+	3.853					
π	133.901					
-	5.565					
TBM 1	128.336		Cont. on Pg		244	TBM 1 1X1 & N.
+	5.675					
π	134.011					
-	3.965					
TP 4	130.046					
+	5.873					
π	135.919					
-	2.883					
TP 3	133.036					

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FEB Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 19 May 75
DATE ____ INDEXED L.L. PALMERI DATE 22 '75

F.B. 2452 PG. 243

768420 S & E-353 9-55

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

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 19 May 75
INDEXED J. M. PALMERI DATE MAY 26 75
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2457 PG. 244

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 3	133 036					
+	3 098					
⊼	136 134					
−	3 078					
TP 2	133 056					
+	9 038					
⊼	142 094					
−	0 360					
TP 1	141 734					
+	9 555					
⊼	151 289					
−	1 773					
BM202-56	149 516	O.K				BM 202-56 Pg 242
						ΣB.S. − ΣF.S. = .002
TBM 1	128 336					TBM 1 1x1 #N Pg 243
+	9 152					
⊼	137 488					
−	0 528					
TP 1	136 960					
+	9 765					
⊼	146 725					
−	3 348					
TP 2	143 377					
+	9 427					
⊼	152 804					
−	0 902					
TP 3	151 902					

149.514 Pg 242
149.516
.002 ok

768420 S & E-353 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 3	151 902					
+	9 228					
⊼	161 130					
-	0 800					
TP 4	160 330					
+	6 073					
⊼	166 403					
-	5 530					
TP 5	160 873					
+	2 922					
⊼	163 795					
-	6 295					
TP 6	157 500					
+	3 933					
⊼	161 433					
-	5 797					
RAVENNA A8	155 636					RAVENNA A-8
+	5 872					A 4" Brass Disk in a 8" cone post.
⊼	161 508					EL= 2114.91
-	3 073					
RM 1	158 435					RAVENNA A8 RM 1
+	2 928					A 4" Brass Disk in a 8" cone post
⊼	161 373					EL= 2117.71
-	5 580					
RM 2	155 793					RAVENNA A8 RM 2
+	5 683					A 4" Brass Disk in a 8" cone post.
⊼	161 476					EL- 2115.06
-	3 975					
TP 6	157 501					

ELEVATIONS by Assumed BM
Elev. - 100.000 per pg 240

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD ____ NOTES BY EEB DATE 19 May 1975
DATE ____ INDEXED T. H. PALMERI DATE 1975

F. B. 2452 PG. 245

765420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	157 501					
+	6 315					
⊼	163 816					
−	2 943					
TP 5	160 873					
+	5 597					
⊼	166 470					
−	6 140					
TP 4	160 330					
+	0 588					
⊼	160 918					
−	9 017					
TP 3	151 901					
+	0 572					
⊼	152 473					
−	9 095					
TP 2	143 378					
+	3 563					
⊼	146 941					
−	9 978					
TP 1	136 963					
+	0 438					
⊼	137 401					
−	9 062					
TBM 1	128 338	OK				TBM 1X2 + N Pg. 243

128.336 Pg 243
128.338
.002 OK

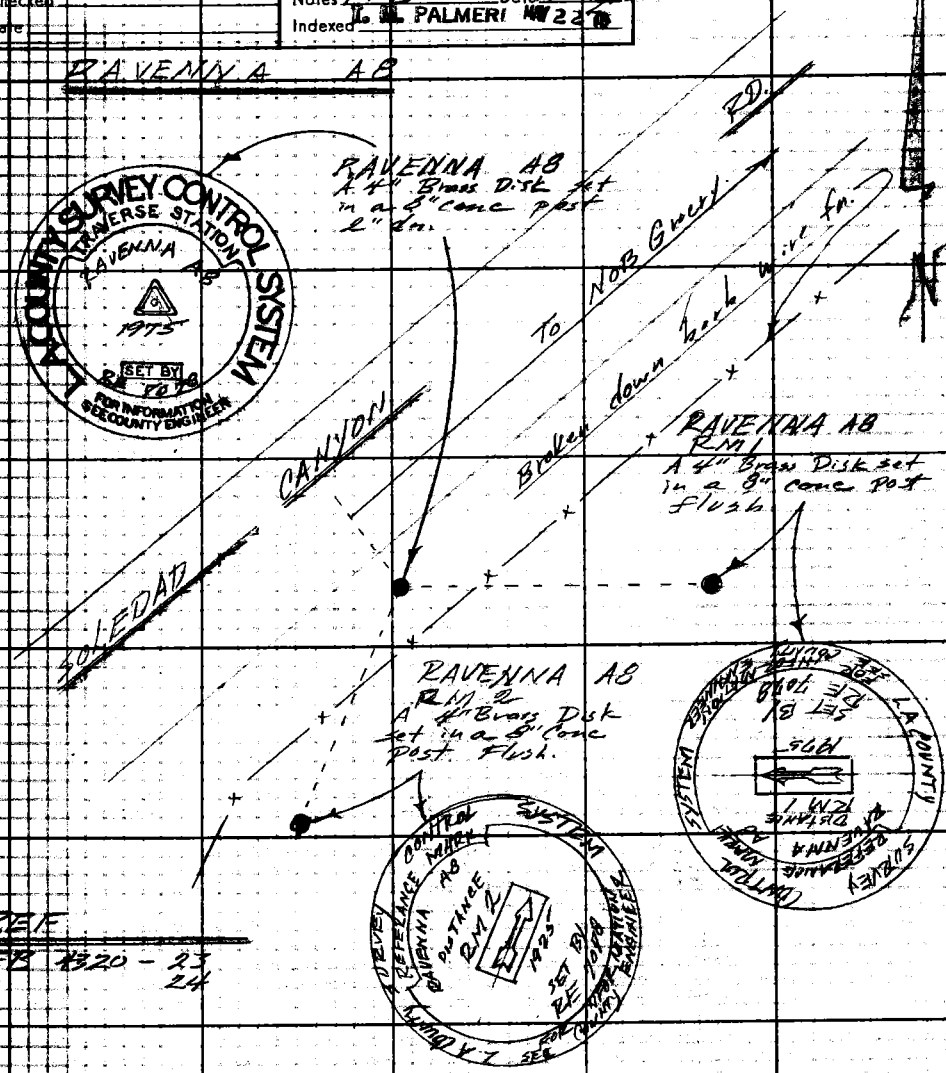
$\Sigma B.S. - \Sigma F.S. = .002$

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 9 May 75 NOTES CHKD.
INDEXED [illegible] DATE [illegible] DATE

F. B. 24516 Pg. 246

Notes Ck'd by	Survey of GEODETIC CONTROL	F. B 2452 PG. 247
Map No.	JN 0301.00 Tape Std °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes FEB Date 19 May 75	
Date	Indexed L. M. PALMERI MAY 22	

RAVENNA A8



REF
FB 4320 - 23
24

RAVENNA A8	is X55.64	above	BM	202-55
RAVENNA A8 RM1	is X58.44	above	BM	202-55
RAVENNA A8 RM2	is X55.79	above	BM	202-55

Page 245

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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76F3695 CE#310 1-65

F. B. 2452 PG. 248