by

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

F.B. 2215 Pg.

Job Description

DUME CANYON ROAD J.N. 0074.15

Index

	C.L.	P.I. ties to side points for plane tilt calc. from Pacific Coast Hwy. to "P" point R-1.
6	Elev.	"P" Line & Photogrammetric tilt point control lines from Ro Topanga Malibu Line (R-4) to Ramera Fire Truck Trail (R-Y).
4	B.M.	Bench Levels from C.S.B.M. "D-7" to point R-X.
8	B.M.	Level circuits on C.L.'s to tilt points.
01	Elev.	Triangulation net and tilt points from Pacific Coast Hwy. Nly to Ro Malibu line.
0	C.L.	Retracement of Zumiriz Dr. from Pacific Coast Hwy. Nly to point R-1.
6	Cont. Line	Preliminary survey for connection bet. Dume and Newton Canyon Roads.
0	Elev.	On D.N. points along control line.

Microfilmed July '86

Notes Ck'd by Miller	Survey of Dume Cn Rd	F. B 2215 Pg 3
Map No.	W. O. 0074.15 Tape No. St'd. °F	
Office Work	Surveyed by R.C. Dale & L.V. Smith	
Checked	Notes R.C.D. Date 11-17-55	
Date	Indexed J. C. Johnson 11-23-55	

DUME CN ROAD

JN 0074.15

REF.	PARTY	
FB 1849	RC DALE J TERRANOVA R STRADER E JOLLIFFE	LV SMITH CV CROW R BOWERS ME WACKER H AUSTIN

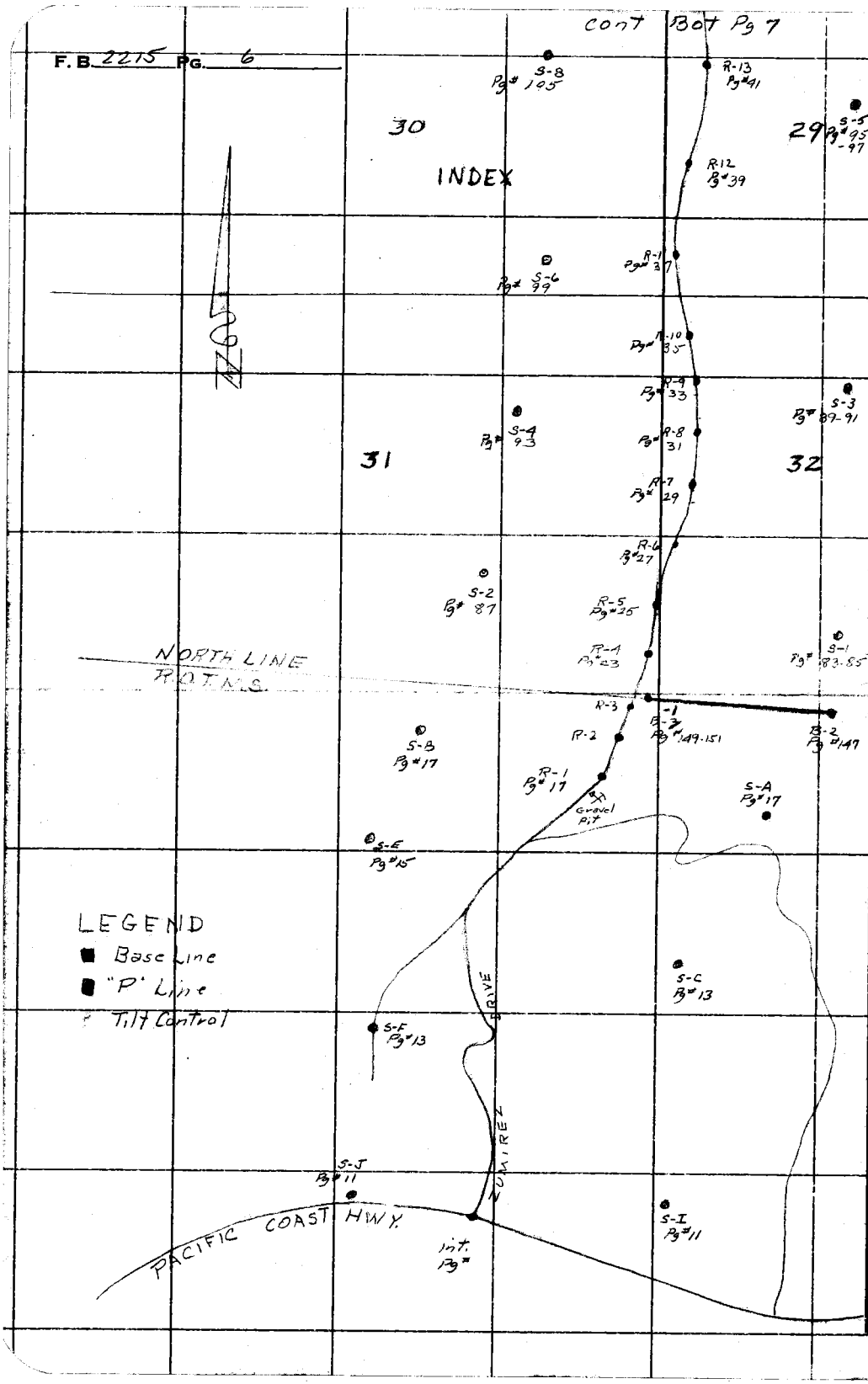
Note: Any Additions or Changes on This Sheet Must be Made or Ended in Red Ink With Date and Name of Person Making Change.

Do not submit notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3005 B&E #247. 6-54

F. B. 2215 PG. 6



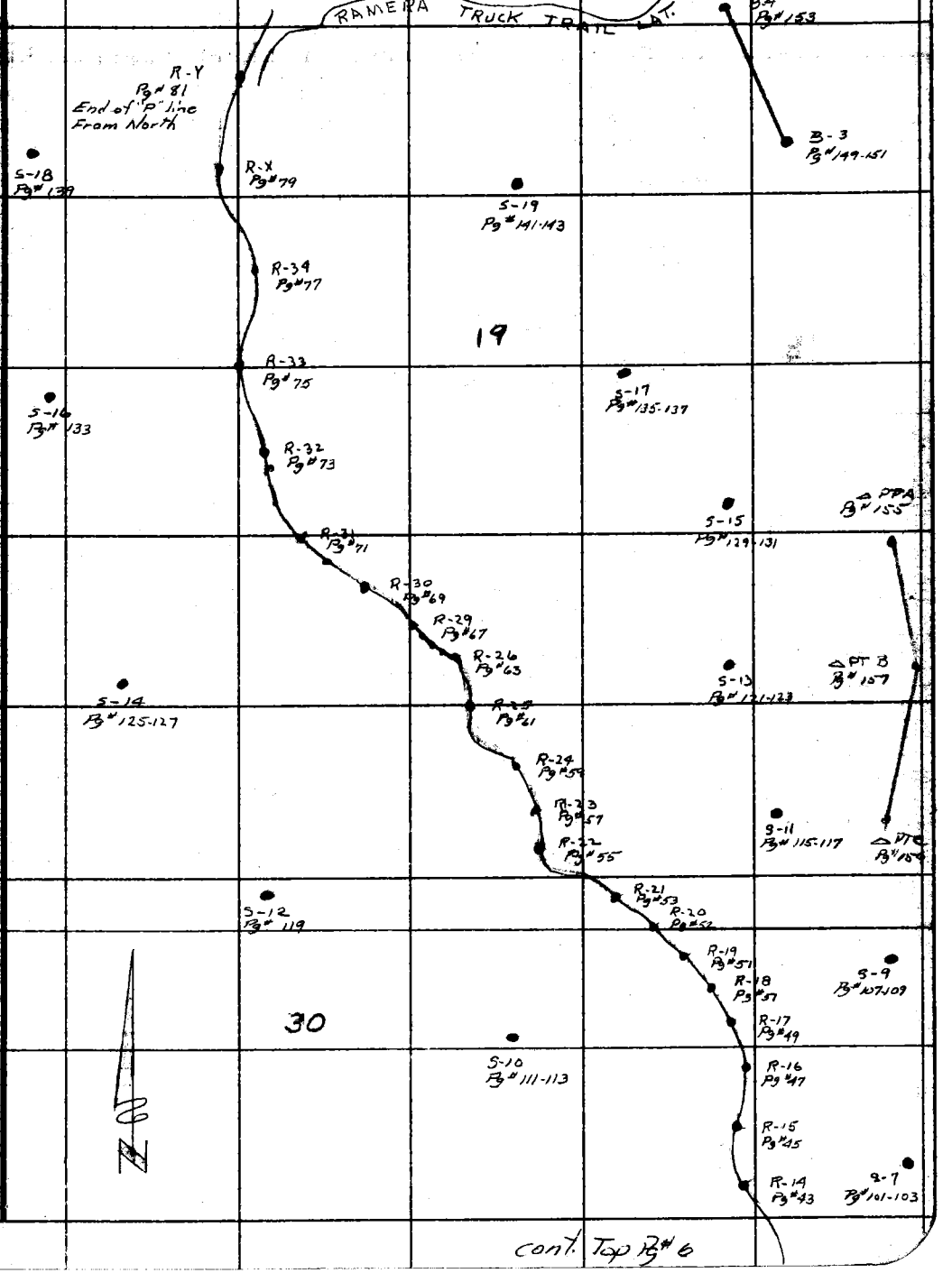
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

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

Survey of Dalmo Cn Rd
W. O. 09345 Tape No. Sr'd. °F
Surveyed by RC Dale & LV Smith
Notes R.C.D. Date 11-17-55
Indexed C. Johnson

F. B. 2215 Pg. 7



cont. Top Pg# 6

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B 2215 PG. 8

TABLE OF CONTENTS

PAGES	
9-18	Center Line Ties To Tilt Points From Pacific Coast Hwy. To R-1
19-159	"P" Line & Photogrammetric Control From R-4 To R-Y
161-176	TRIANGULATION TO GEODETIC STATIONS

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 0074.15 Tape No. 135 Sr'd. 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 11-16-55
Date	Indexed C. Johnson 11-23-65

F. B. 2215 Pg. 9

DUME CN ROAD

CENTER LINE TIES TO TILT POINTS FROM
PACIFIC COAST HWY TO R-1

JN 0074.15

REF

FB 1849-69-77

PARTY

R.C. DALE
J. TERRANOVA
R. STRADER
E JOLLIFFE

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

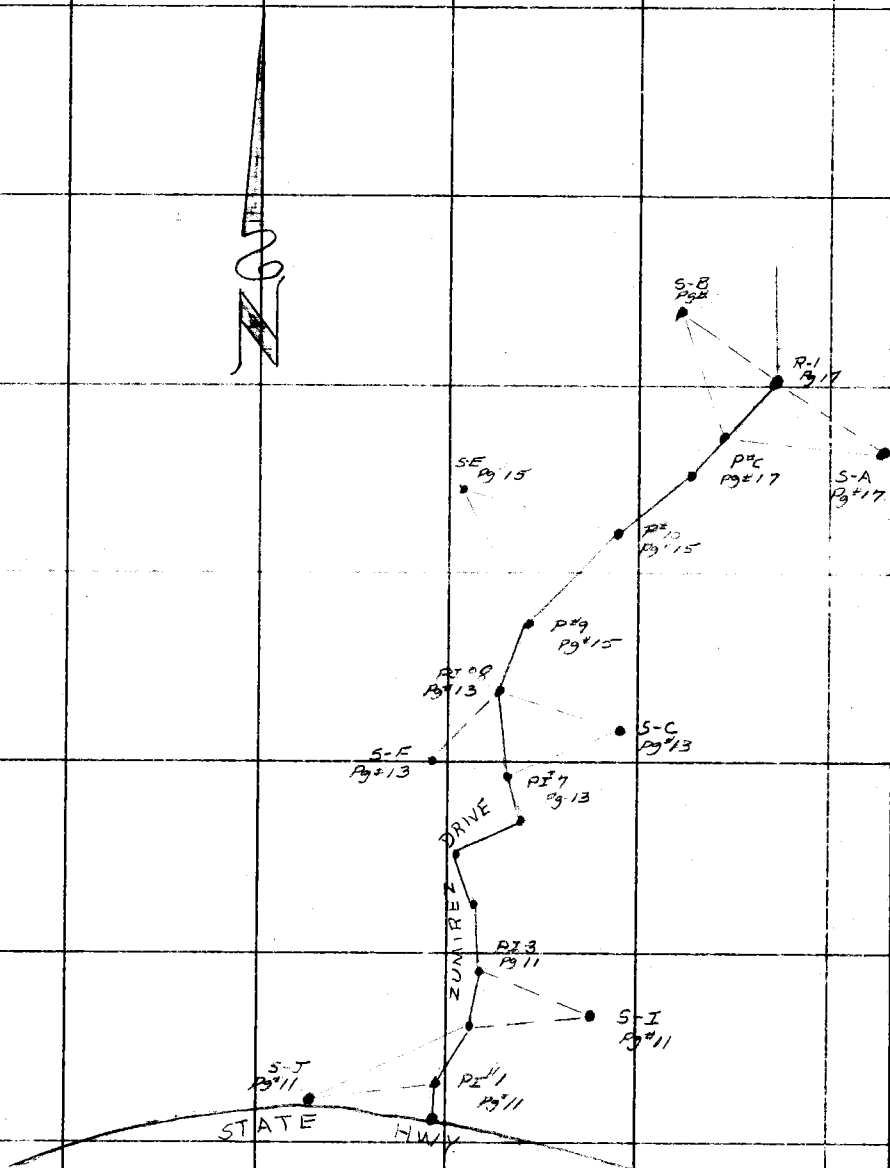
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F.B. 2215 PG. 10

INDEX



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by Miller	Survey of Jaime Cn Rd
Map No.	W. O. 0074.15 Tape No. 135 St'd. 89 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C. Dale Date 11-16-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 11

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

2) 120-48-00
4) 241-36-10
6) 362-24-20
60-24-03

2) 203-12-40
4) 46-25-00
6) 249-37-40
101-36-17

PI #3
Fd 1" IP Down 3"
Per FB 1849-72
For Elevation of this Point see Pg 186

To S-I Pg #198

To S-I Pg #198

PI #2
Fd 1" IP Down 6"
Per FB 1849-71 For Elevation of This Point See Pg # 186

2) 73-00-40
4) 146-01-20
6) 219-02-00
36-30-20

To S-J Pg #198

2) 251-47-40
4) 143-35-20
6) 35-23-00
125-53-50

To S-J Pg #198

PI #1
Fd 1" IP Down 18"
Per FB 1849-71 For Elevation of this Point See Pg #186

ZUMIREZ DRIVE

STATE HWY

1421.76 Rec.

33.88

19.11

Intersection
Fd Spk WET Flush Per FB 1849-71
For Geodetic Ties To This Point
See FB 2215-175
For Elevation See Pg # 186 & 199

Fd Cross in Curb Per FB 1849-71

Fd Spk WET Flush Per FB 1849-71

Fd 2x2 Down 12" Per FB 1849-71

BC 57500 Fd LA Co Brass Cap Per FB 1849-71 Traverse Station Drive Point L-10

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station PI #1 FB 1849 Pg #71 HI = 6.55 Elevation = 187.442

Sight on	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
S-J	-5.00	+ 1 - 28 - 20 + 1 - 28 - 40 + 1 - 28 - 30	957.434 .0257 493	+ 24.653	-.019	+ 26.184	+26.024	213.466

Transit at Station PI #2 FB 1849 Pg 71 HI = 5.65 Elevation = 230.832

Sight on	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
S-J	-5.00	- 0 - 48 - 00 - 0 - 47 - 40 - 0 - 47 - 50	1303.727 .0139 150	- 18.141	-.035	-17.526	-17.366	213.466
S-I	-5.00	+ 0 - 34 - 20 + 0 - 34 - 20 + 0 - 34 - 20	890.734 .0099 875	+ 8.896	-.016	+ 9.530	+ 9.476	240.308

Transit at Station PI #3 FB 1849 Pg # 72 HI = 5.52 Elevation = 249.145

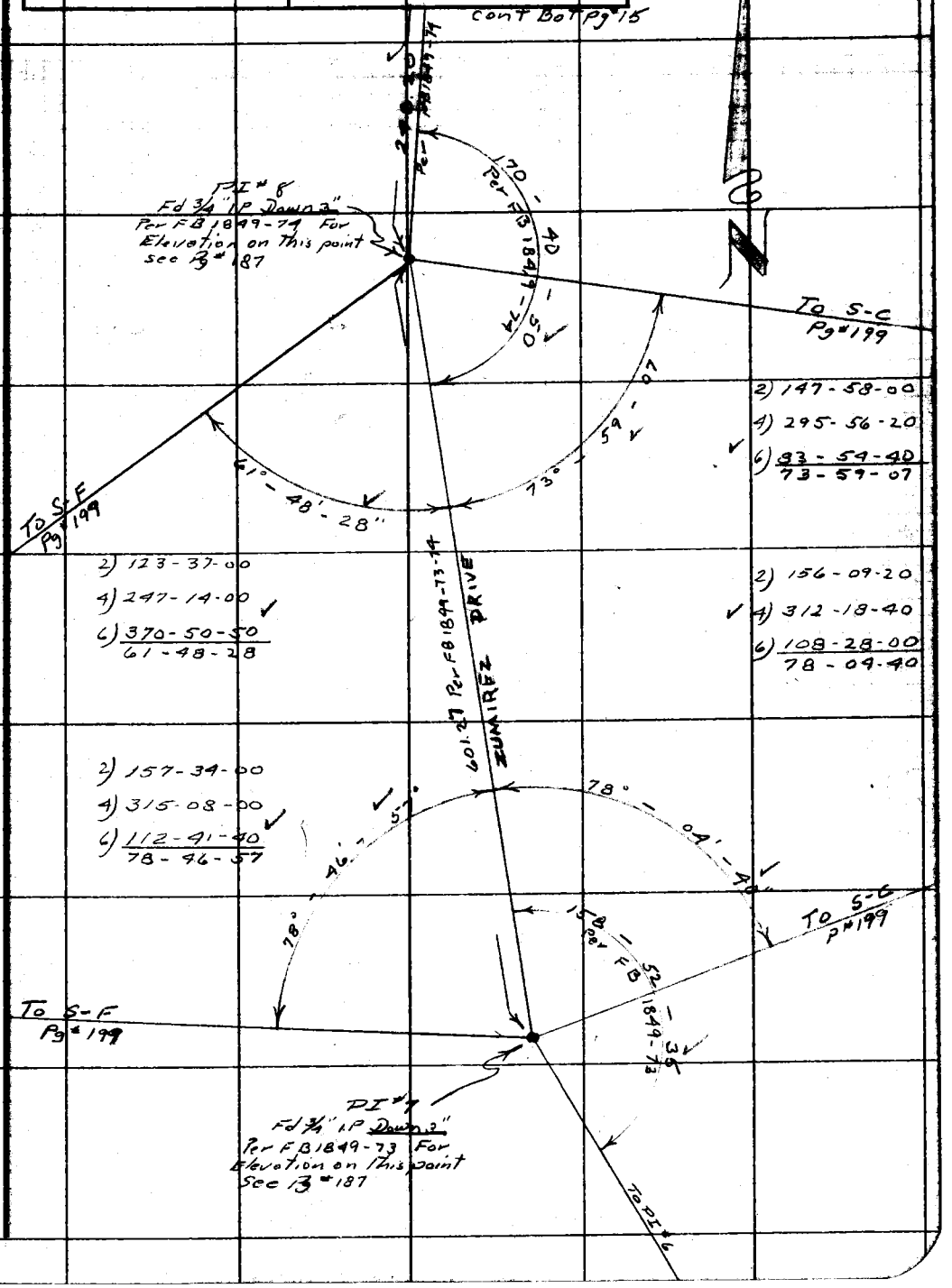
Sight on	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
S-I	-5.00	- 0 - 32 - 00 - 0 - 32 - 20 - 0 - 32 - 10	1003.470 .0093 572	- 9.390	-.021	-8.891	-8.837	240.308

F.B. 2275 PG. 12

Notes Ck'd by Miller	Survey of Dume Cir Rd
Map No.	W. O. 9974 Map No. 135 Sh'd. 24 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D Date 11-16-55
Date	Indexed ~~R. C. Johnson~~

F.B. 2215 Pg. 13

cont Bot Pg #15



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3008 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station PI # 7 F.B 1849 Pg # 73 HI. 5.37 Elevation = 329.303

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
S-F	-9.00	-0-14-20 -0-14-20 -0-14-20	834.774 0041694	-3.480	-.014	-7.124	-7.210	322.093
S-C	-500	+1-03-40 +1-03-40 +1-03-40	1233.733 .0185220	+22.851	-.031	+23.190	+23.137	352.500

Trans. at Station PI # 8 FB 1849 Pg # 74 HI = 5.28 Elevation = 351.528

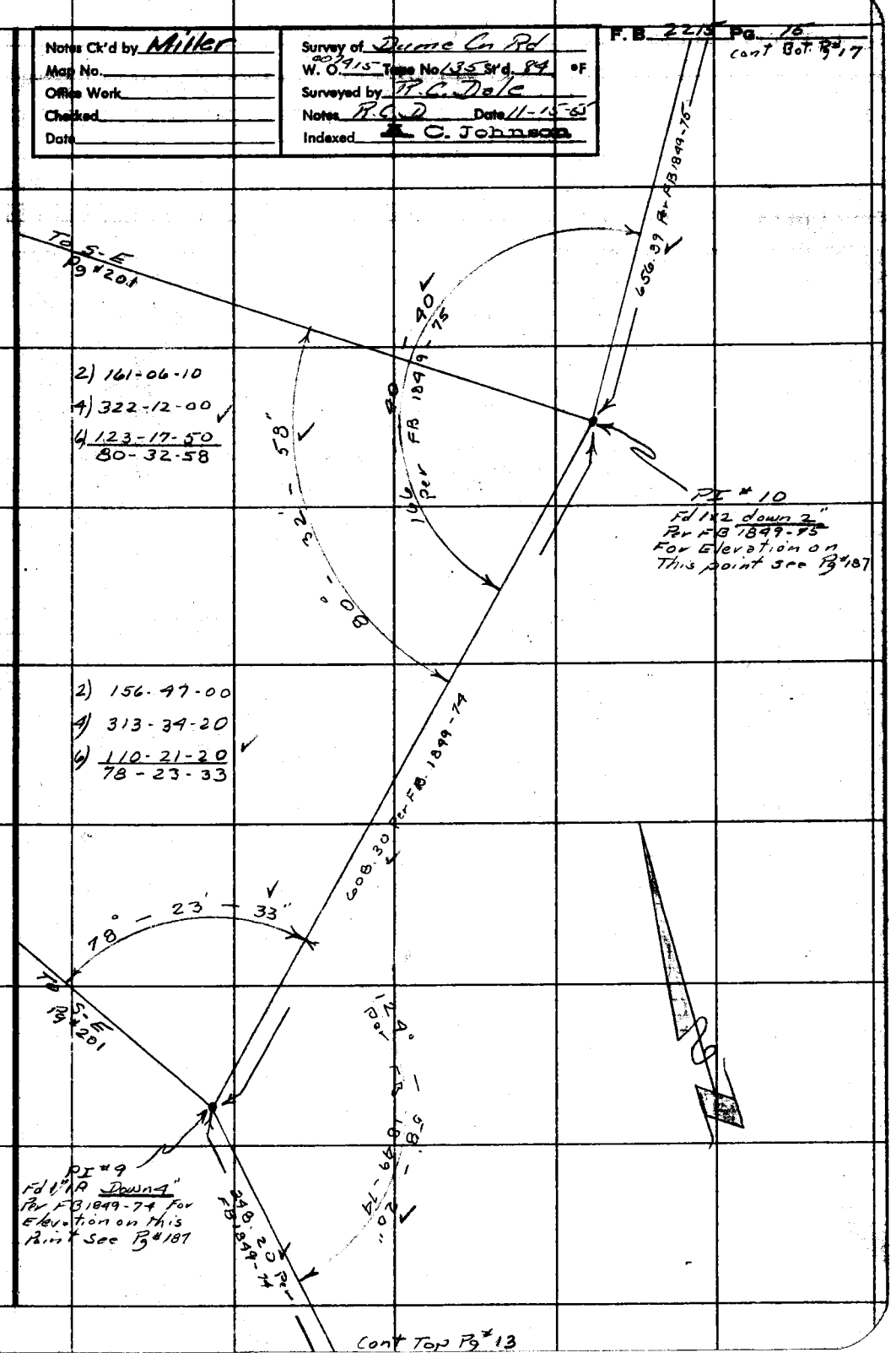
Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
S-F	-5.00	-1-50-20 -1-50-00 -1-50-10	929.046 .0320572	-29.783	-.018	-29.521	-29.435	322.093
S-C	-5.00	+0-02-00 +0-02-00 +0-02-00	1255.854 .0005818	+.731	-.032	+.979	+.972	352.500

F.B. 2213 Pg. 14

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

Survey of Duane Cn Rd
W. O. 00791-5 Tape No. 135 Sr'd. 84 •F
Surveyed by R. C. Dale
Notes R.C.D Date 11-15-65
Indexed C. Johnson

F. B. 2215 Pg. 16
cont Bot Pg #17



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 attend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3005 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

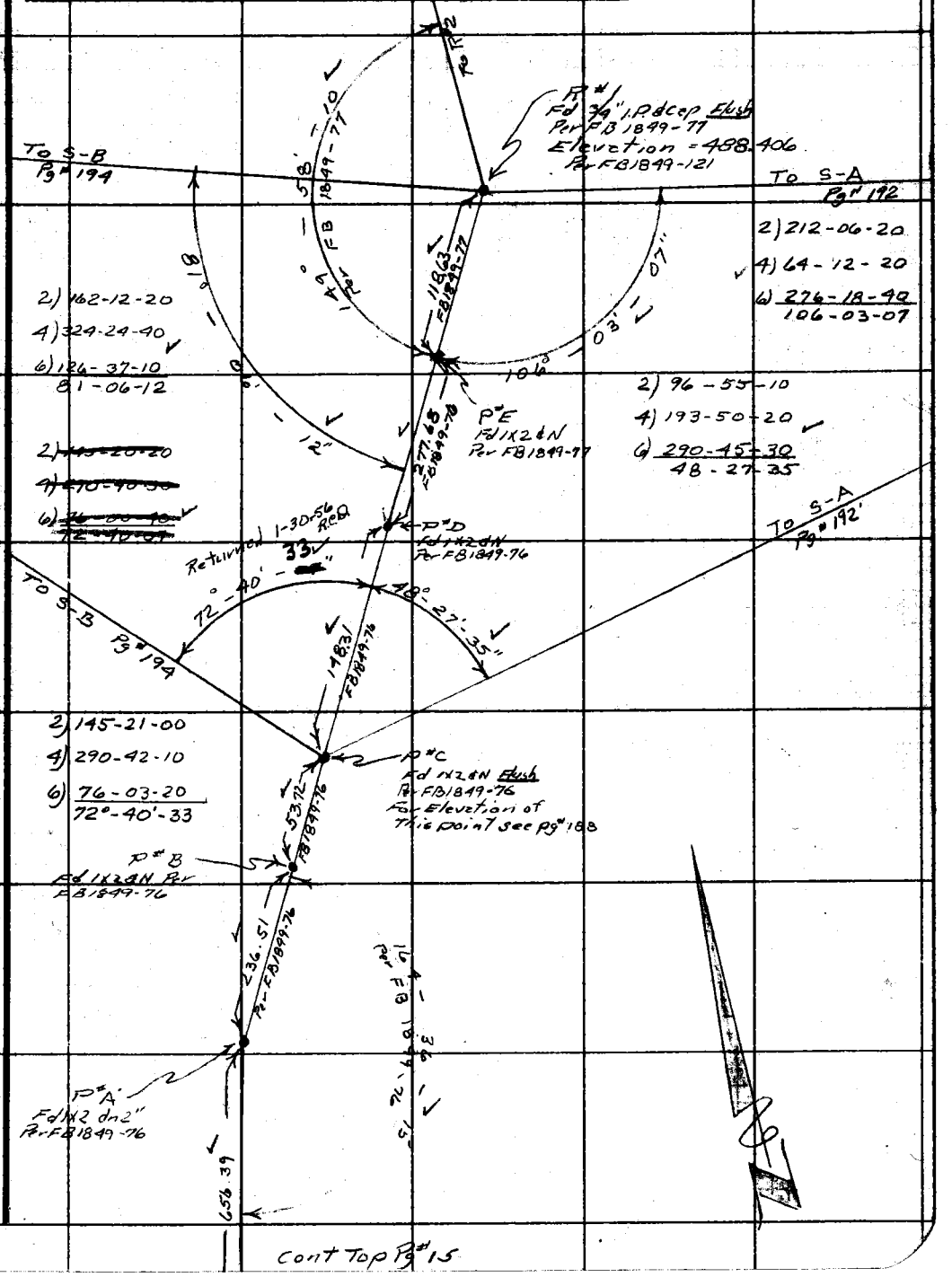
Do not extend notes this side of this line.

Transit at Station			PI 9	FB 1849	Pg # 74		H.I. 5.37	
Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
S-E	-5.00	- 2-34-40 - 2-34-20 - 2-34-30	1669.760 .0449 725	- 75.093	-.057	-74.780		
Transit at Station			PI #10	FB 1849	Pg # 75		HI = 5.46	Elev = 356.130
S-E	-5.00	- 2-47-40 - 2-47-20 - 2-47-30	1658.118 .0487 624	-80.854	-.057	-80.451		275.679

F.B. 2215 PG. 76

Notes Ck'd by Miller	Survey of Dume Cir Rd
Map No.	W. 82 Tape No. 135 Sr'd. 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 11-16-55
Date	Indexed C. Johnson

F.B. 2215 PG. 77



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3008 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station P#C FB 1849 P#16 HI = 5.02 Elevation = 433.155

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Elevation	
S-A	-5.00	-0-20-00 -0-19-40 -0-19-50	1216.072 0057 694	-7.016	-.030	-7.026	-6.990	426.165
S-B	+9.00	+11-03-40 +11-04-00 +11-03-50	1217.797 1955 378	+238.125	-.031	+234.114	+234.125	667.280

Transit at Station P#1 FB 1849 P#17 HI = 4.80 Elevation: 488.406

S-A	-5.00	-3-44-40 -3-44-40 -3-44-40	947.146 0654 461	-61.987	-.018	-62.205	-62.241	426.165
S-B	-7.00	+8-45-00 +8-45-00 +8-45-00	1176.710 1539 147	+181.113	-.029	+178.884	+178.874	667.280

F.B. 2215 PG. 13

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

Survey of Dume Cn Rd
W. O. 0074.15 Tape No. St'd. 5
Surveyed by R.C. Dale & L.V. Smith
Notes R.C.D. Date 11-17-55
Indexed R. C. Johnson 11-23-55

F. B. 2215 Pg. 19

DUME CN ROAD

"P" LINE AND PHOTOGRAMMETRIC
CONTROL FROM R-4 TO R-Y

J.N. 0074.15

PARTY

R.C. Dale	L V Smith
J Terranova	C V Crow
R. Strader	R Bowers
E Jolliffe	M E Wacker
	H Austin

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 2214 PG. 20

Cont Bot Pg #21

INDEX

R-15 Pg #45

R-14 Pg #43

R-13 Pg #41

R-12 Pg #39

R-11 Pg #37

R-10 Pg #35

R-9 Pg #33

R-8 Pg #31

R-7 Pg #29

R-6 Pg #27

R-5 Pg #25

R-4 Pg #23

B1 Pg #145

B2 Pg #147

S-7 Pg #101-103

S-8 Pg 105

S-5 Pg 95-97

S-6 Pg #99

S-3 Pg #89-91

S-4 Pg #93

S-2 Pg #87

S-1 Pg #83-85

Pt A Pg #155

Pt B Pg #157

Pt C Pg #159

RAMERA TRUCK TRAIL

North Line R.O.T.M.S.

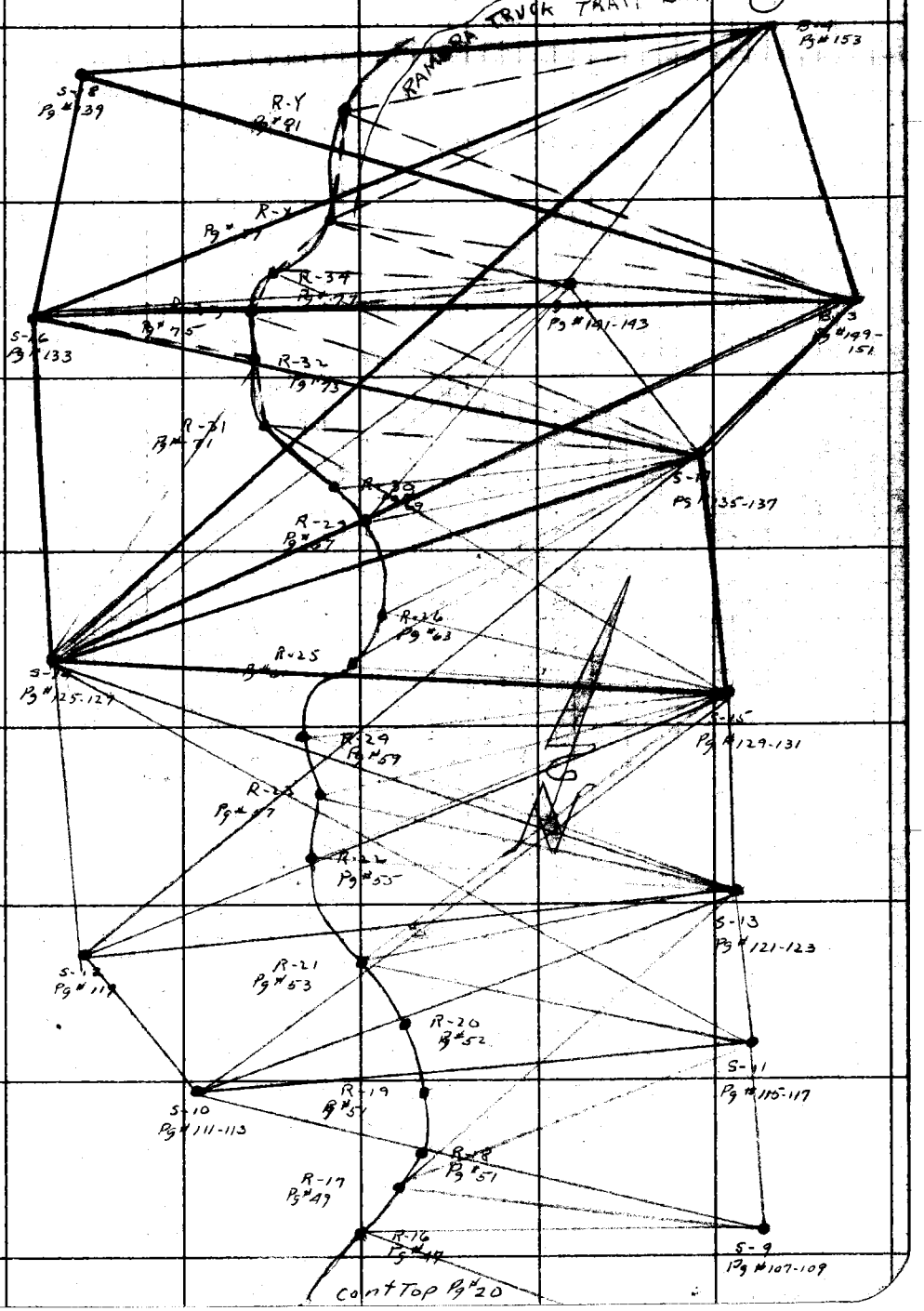
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W.O. 8745 Tape No. St'd. °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C.D. Date 11-17-55
Date	Indexed K. C. Johnson

F.B. 2215 Pg. 21



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

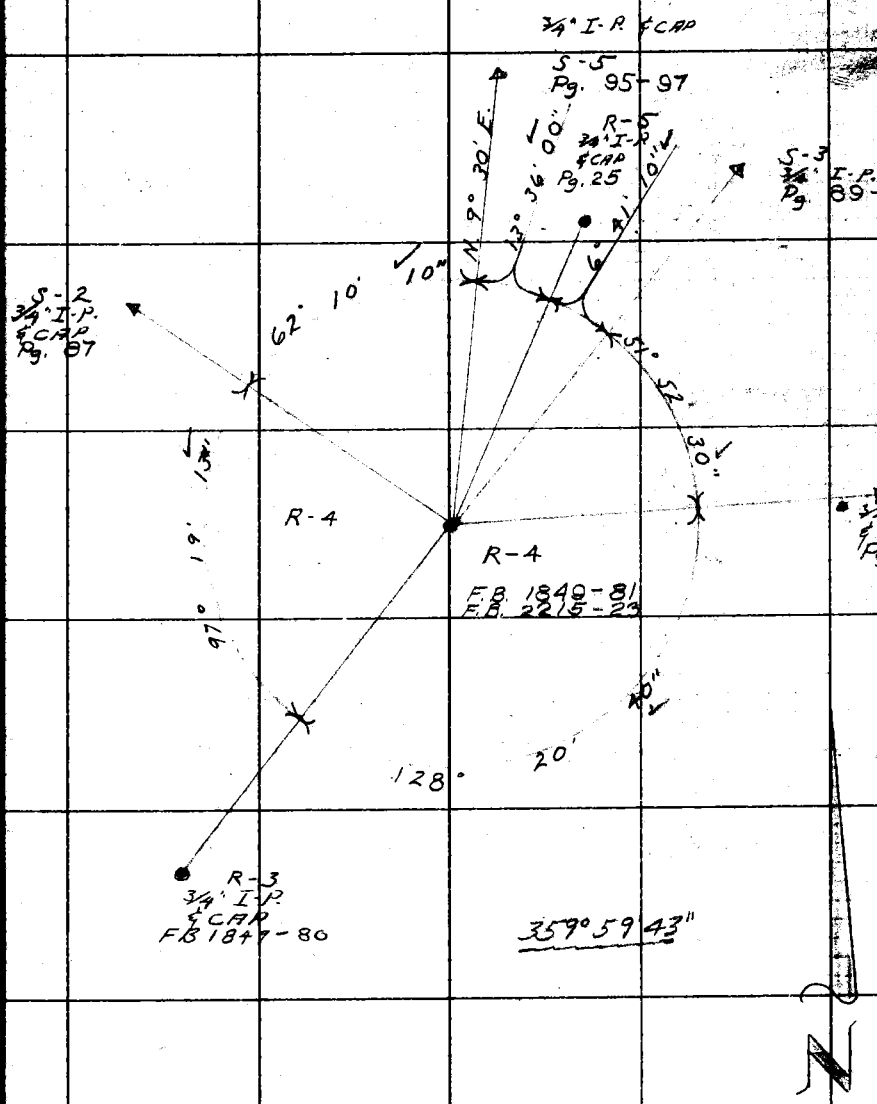
76F3095 S&E #247. 8-54

Notes Ck'd by Miller	Survey of DUME CN RD.
Map No.	W. O. 0074.15 Tape No. St'd. °F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 10-17-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 23

R-4

F.D. 3/4" I.P. & CAP F.B. 1849 PG. 81 IN A SADDLE 650' ± NLY. FM. N. LINE OF THE RANCHO TOPANGA SEQUIT. & 1000' E. W. OF BOTTOM OF RAMERA CANYON.



Notes: 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 attach notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-4 F.B. 849 PG. 81 H.I. 4.97 Elevation = 670.65

SIGHT ON	ROD	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	CURVATURE CORRECTION	+DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
R-5	-10.00	-0° 37' 00" -0 36 50 -0 36 55	463.376 ✓ .0107390 ✓	-4.976		-10.01	-10.04	660.61
S-5	-1.00	+6° 01 00 +6 01 00 +6 01 00	4085.188 .1053983	+430.572		+434.542	+434.82	1105.47
S-3	-1.00	+8 07 20 +8 07 20 +8 07 20	2561.323 .1427168	+365.544		+369.514	+369.77	1040.42
S-1	-1.00	+2 41 20 +2 41 10 +2 41 15	1532.182 .0469402	+71.921		+75.891	+75.87	746.52
S-2	-10.00	+19 24 20 +19 24 20 +19 24 20	1343.180 .3522646	+473.155		+468.125	+468.25	1138.90

S-2 TO S-5
2) 124° 20' 10"
4) 248 40 20 ✓
6) 13 01 00
62 10 10

R-5 TO S-3
2) 13° 22' 20"
4) 26 44 30 ✓
6) 40 07 00
6° 41' 10"

S-3 TO S-1
2) 103 44 50
4) 207 30 00 ✓
6) 51 15 00
51° 52 30

R-5 TO S-2
2) 194° 38 20
4) 29 16 50 ✓
6) 223 55 20
97° 19' 13"

S-1 TO R-3
2) 256° 41' 20"
4) 153 22 40 ✓
6) 50 04 00
128° 20' 40"

S-5 TO R-5
2) 27° 11' 40"
4) 54 24 00 ✓
6) 81 36 00
13° 36' 00"

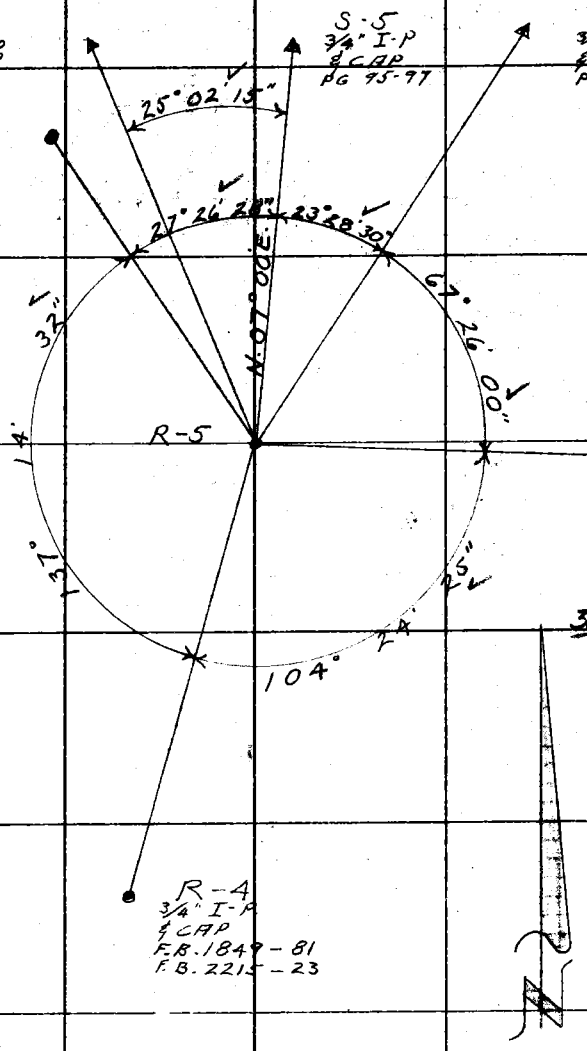
F.B. 2215 PG. 24

Notes Ck'd by Miller	Survey of Dume Cn. Road
Map No.	W. O. 7415 Tape No. St'd. °F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 10-18-55
Date	Indexed K. C. Johnson

F.B. 2215 Pg. 25

R-5

SET 3/4" I.P. & CAP UP 1" ON A RIDGE 975'± W. OF BOTTOM OF RAMERA CN. & 1050'± N. OF NORTH LINE OF RANCHO TOPANGA MALIBU SEQUIT.



359°59'55"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-5 F.B. 2215 PG. 25 H.I. 4.64 Elevation = 660.61

SIGHT ON	ROD	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
S-1	-5.00	+3° 40' 30" +3 40 00 +3° 40' 15"	1349.617 .0641 559	+86.586		+86.226	+85.91	746.52
S-3	-1.00	+10° 09' 00 +10° 09' 00 +10° 09' 00	2,101.782 1790 276	+376.277		+379.917	+379.81	1040.42
S-5	-1.00	+6° 54' 30 +6 55 00 +6 54 45	3636.458 1212 347	+440.865'		+444.505	+444.86	1105.47
S-6	-8.00	+13° 02' 30" +13 02 00 +13° 02' 15	3,010.468 .2315 577	+697.097		+693.737	+694.35	1354.96
R-4	-3.00	+1° 01' 00" +1 01 00 +1° 01' 00"	463.376 .0177460 ✓	+8.231		+9.87	+10.04	670.65
R-6	-1.00	+8° 12' 30" +8 12 30 +8° 12' 30"	451.554 1442 507'	+65.14'		+68.78 ✓	+68.71	729.32

R-4 TO R-6
2) 274° 29' 00"
4) 188 58 00 ✓
6) 103 27 15
137° 14' 32"

S-1 TO R-4
2) 208° 48' 30"
4) 57 37 30 ✓
6) 266 26 30
104° 24' 25"

S-3 TO S-1
2) 134° 52' 00
4) 269 44 00 ✓
6) 44 36 00
67° 26' 00"

R-6 TO S-5
2) 54° 53' 00
4) 109 46 00 ✓
6) 164 38 45
27° 26' 28

S-5 TO S-3
2) 46° 57' 00"
4) 93 54 00 ✓
6) 140 51 00
23° 28' 30"

S-5 TO S-6
2) 50° 04' 30"
4) 100 09 15 ✓
6) 150 13 30
25° 02' 15"

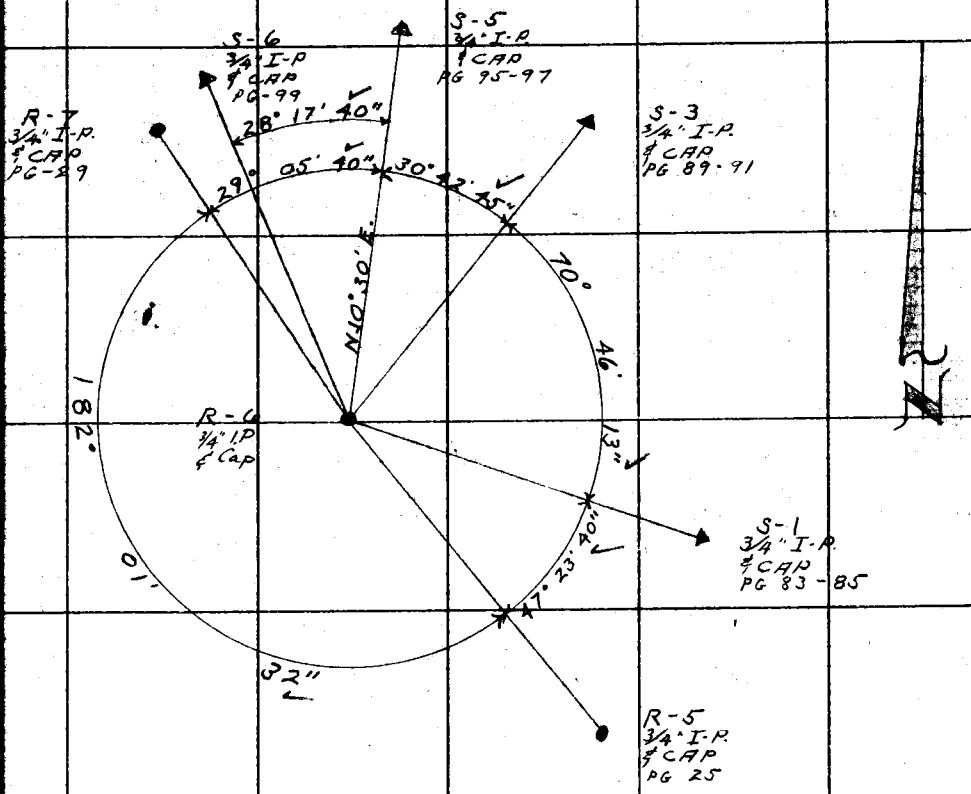
F.B. 2215 PG. 26

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W.O. 8934.15 Tape No. St'd. °F
Office Work	Surveyed by J. V. SMITH & R.C. DALE
Checked	Notes L-V.S Date 11-8-55
Date	Indexed J. C. Johnson

F. B. 2215 Pg. 27

R-6

SET 3/4" I.P. & CAP STAMPED R-6 UP 1" ON A RIDGE 1000' ± W. OF BOTTOM OF RAMERIA CANYON & 1400' ± N. OF NORTH LINE OF THE RANCHO-TOPANGA-MALIBU-SEQUIT.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-6 F.B. 2215 PG. 27 H.I. 4.76 Elev. 729.32

SIGHT ON	ROD	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	ELEV.
S-3	-1.00	+ 9° 26' 30" + 9 26 00 + 9° 26' 15"	1850.614 .1662 214	+ 307.612		+ 311.372	+ 311.10	1040.42 ✓
S-6	-9.00	+ 13° 49' 30" + 13 49 30 + 13° 49' 30"	2559.381 .2460863	+ 629.829		+ 625.589	+ 625.64	1354.96 ✓
S-5	-1.00	+ 6° 33' 30 + 6° 33 00 + 6° 33' 15"	3,242.405 .1148 934	+ 372.531		+ 376.291	+ 376.15	1105.47 ✓
R-7	-1.00	+ 2° 03' 00" + 2 03 00 + 2° 03' 00"	224.569 .0357 945	+ 8.038		+ 11.798	+ 11.81	741.13
S-1	-1.00	+ 0° 31' 30" + 0 32 00 + 0° 31' 45"	1613.768 .0092 360	+ 14.905		+ 18.665	+ 17.20	746.52
R-5	-10.00	- 8° 00' 00" - 8° 00 00 - 8° 00' 00"	451.554 .140 5408 ✓	- 63.46		- 68.70	- 68.71	660.61

R-5 TO R-7
2) 364° 03' 00"
4) 08 06 30 ✓
6) 12 09 15
182° 01' 32"

R-7 TO S-5
2) 58° 11' 00"
4) 116 22 30 ✓
6) 174 34 00
29° 05' 40"

S-3 TO S-3
2) 61° 25' 30"
4) 122 51 00 ✓
6) 184 16 30
30° 42' 45"

S-3 TO S-1
2) 141° 32' 30"
4) 283 05 00 ✓
6) 64 37 15
70° 46' 13"

S-1 TO R-5
2) 94° 47' 00"
4) 189 34 30 ✓
6) 284 22 00
47° 23' 40"

S-6 to S-5
2) 56° 35' 30"
4) 113° 10' 30" ✓
6) 169° 46' 00"
28° 17' 40"

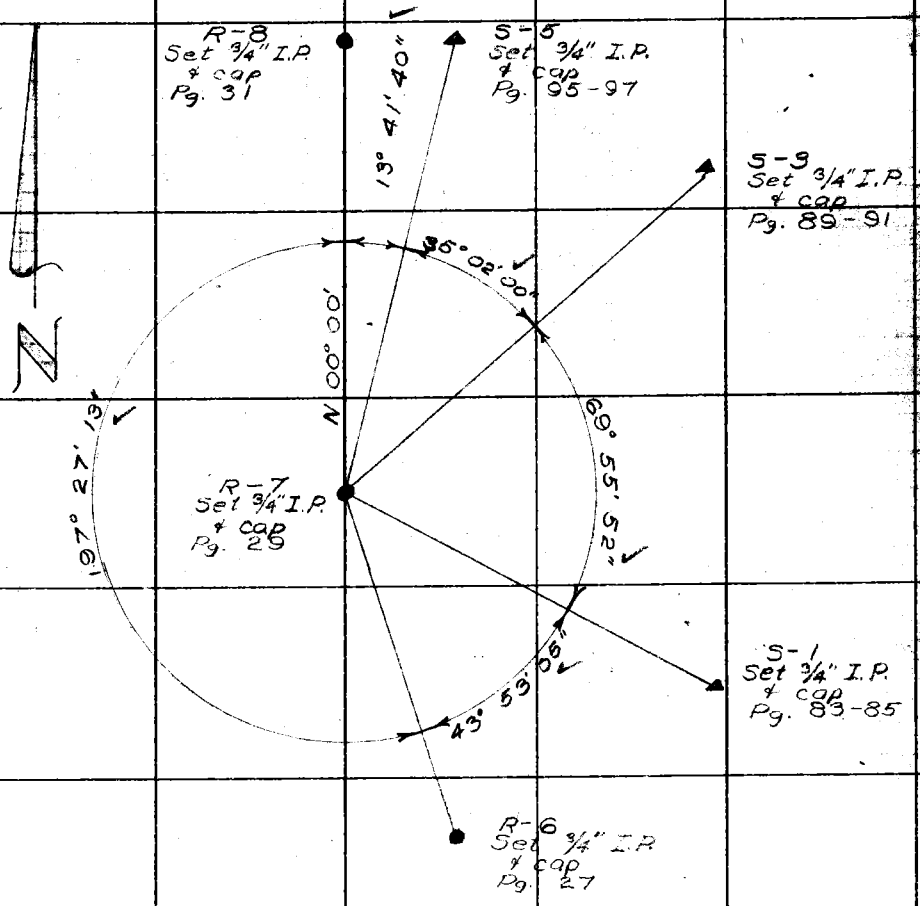
F.B. 2215 PG. 28

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 0074.13 Tape No. St'd. °F
Office Work	Surveyed by L. V. SMITH & R.C. DALE
Checked	Notes L. V. S. Date 10-17-55
Date	Indexed C. Johnson

F. B. 2213 Pg. 29

R-7

Set 3/4" I.R. & cap stamped R-7 on a ridge 800'± W. of the bottom of Palmera Cn. & 1700'± N. of the north line of Rancho Topanga - Malibu Sequit.



359° 59' 50"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-7 F.B. 2215 PG. 29 HI 4.97 Elevation: 741.13

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
R-8	-1.00	+6° 46' 00" +6° 46' 00" +6° 46' 00"	432.188' .1186 528'	+ 51.280'		+55.250	+55.24	796.37
S-5	-1.00	+ 6° 44' 40" + 6° 44' 20" + 6° 44' 30"	3048.146 .1182 103	+ 360.322		+364.292	+364.34	1105.47
S-3	-1.00	+ 9° 35' 00" + 9° 35' 00" + 9° 35' 00"	1748.515 .1688 381	+ 295.216		+299.186	+299.29	1040.42
S-1	-1.00	+ 0° 02' 40" + 0° 02' 40" + 0° 02' 40"	1768.124 .0007757	+ 1.372		+5.342	+5.39	746.52
R-6	-3.00	- 3° 31' 20" - 3° 31' 20" - 3° 31' 20"	224.569 .0615 519'	-13.823		-11.853	-11.81	729.32

R-8 to S-5
2) 27° 28' 20"
4) 54° 46' 40" ✓
6) 82° 10' 00"
13° 4' 40"

S-5 to S-3
2) 70° 03' 40"
4) 140 08 00 ✓
6) 210 12 00
35° 02' 00"

S-3 to S-1
2) 139° 51' 40"
4) 279° 43 40 ✓
6) 59 35 10
69° 55' 52"

S-1 to R-6
2) 87° 46' 00"
4) 175 32 00 ✓
6) 263 18 30
43° 53' 05"

R-6 to R-8
2) 34° 54' 20"
4) 69 49 00 ✓
6) 104 43 20
197° 27' 13"

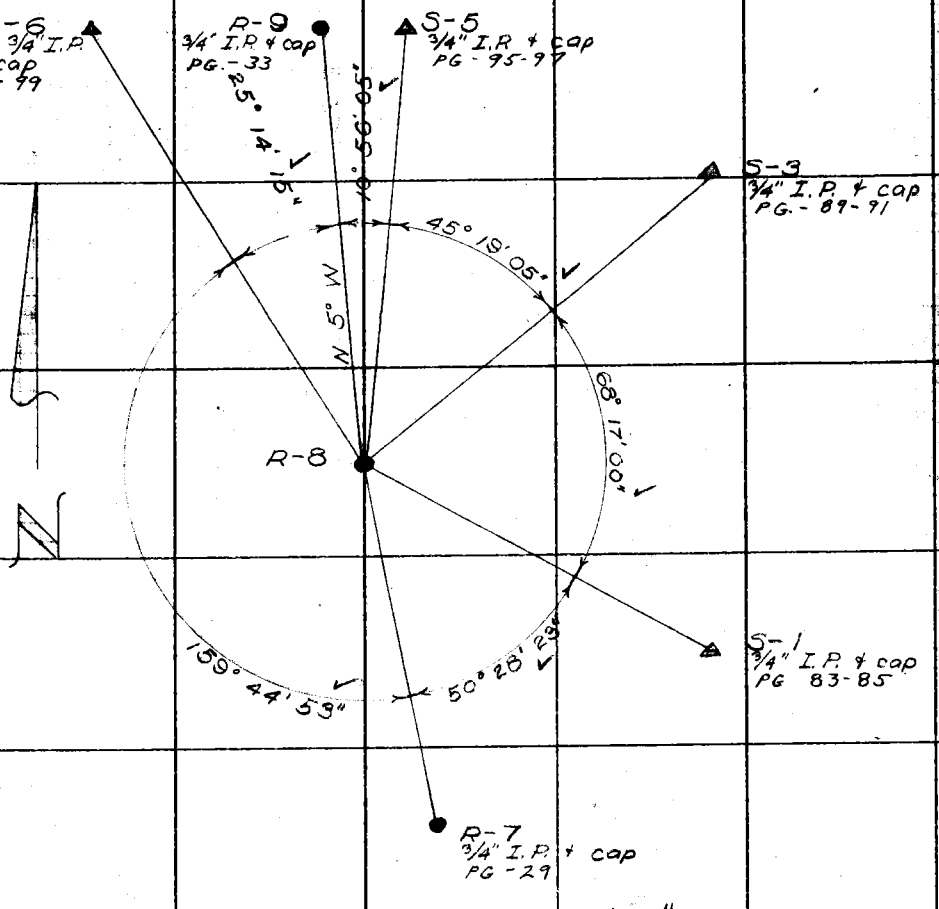
F.B. 2215 PG. 30

Notes Ck'd by Miller	Survey of DUME CÑ. RD
Map No.	W. O. 0074.13 Tape No. Sr'd. •F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes C.V.C. Date 10-18-55
Date	Indexed ~~E. C. Johnson~~

F. B. 2213 Pg. 31

R-8

Set 3/4" I.P. & cap stamped R-8 on a ridge 750'± W. of bottom of Ramera Cñ. & 2,200'± N. of north line of Rancho Topanga-Malibu Sequit.



359° 59' 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.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-8 F.B. 2215 PG. 31 H.I. 5.15' Elevation: 796.37

SIGHT ON	ROD	+ VERTICAL - ANGLE	TOP/FOOT DISTANCE	+ VERTICAL - DISTANCE	+ CURVATURE - CORRECTION	ELEVATION	ADJUSTED ELEVATION	
R-9	- 2.00	+ 2° 39' 40" + 2° 39 20 + 2° 39' 30'	828.006 .0464 300	+ 38.444		+ 41.594	+ 41.66	838.03
S-5	- 1.00	+ 6° 36' 40" + 6 36 40 + 6° 36 40"	2630.237 .1159 005	+ 304.846		+ 308.996	+ 309.10	1105.47
S-3	- 1.00	+ 9° 05' 40" + 9 05 40 + 9° 05' 40"	1499.056 .1600 746	+ 239.961		+ 244.111	+ 244.05	1040.42
S-1	- 9.00	- 1° 18 40 - 1 18 40 - 1° 18' 40"	2011.499 .0228 872	- 46.038		- 49.888	- 49.85	746.52
R-7	- 9.00	- 6° 47' 00" - 6 47 00 - 6° 47' 00"	432.188 .1189 478	- 51.408		- 55.26	- 55.24	741.13
S-6	- 9.00	+ 16° 16' 40" + 16 16 40 + 16° 16' 40"	.2919 995					

F.B. 2215 PG. 32

R-9 to S-5

2)	21°	52'	00" ✓
4)	43	44	00
6)	65	36	30
	10°	56'	05"

S-5 to S-3

2)	90°	38'	00"
4)	[illegible]	[illegible]	20 ✓
6)	[illegible]	[illegible]	30
	45°	19'	50"

S-3 to S-1

2)	136°	54'	00"
4)	273°	08	20 ✓
6)	[illegible]	42	00
	68°	17'	00"

S-1 to R-7

2)	100°	56'	40"
4)	201	53	20 ✓
6)	302	50	20
	50°	28'	23"

R-7 to S-6

2)	319°	30'	00"
4)	278	59	40 ✓
6)	238	29	20
	159°	44'	53"

S-6 to R-9

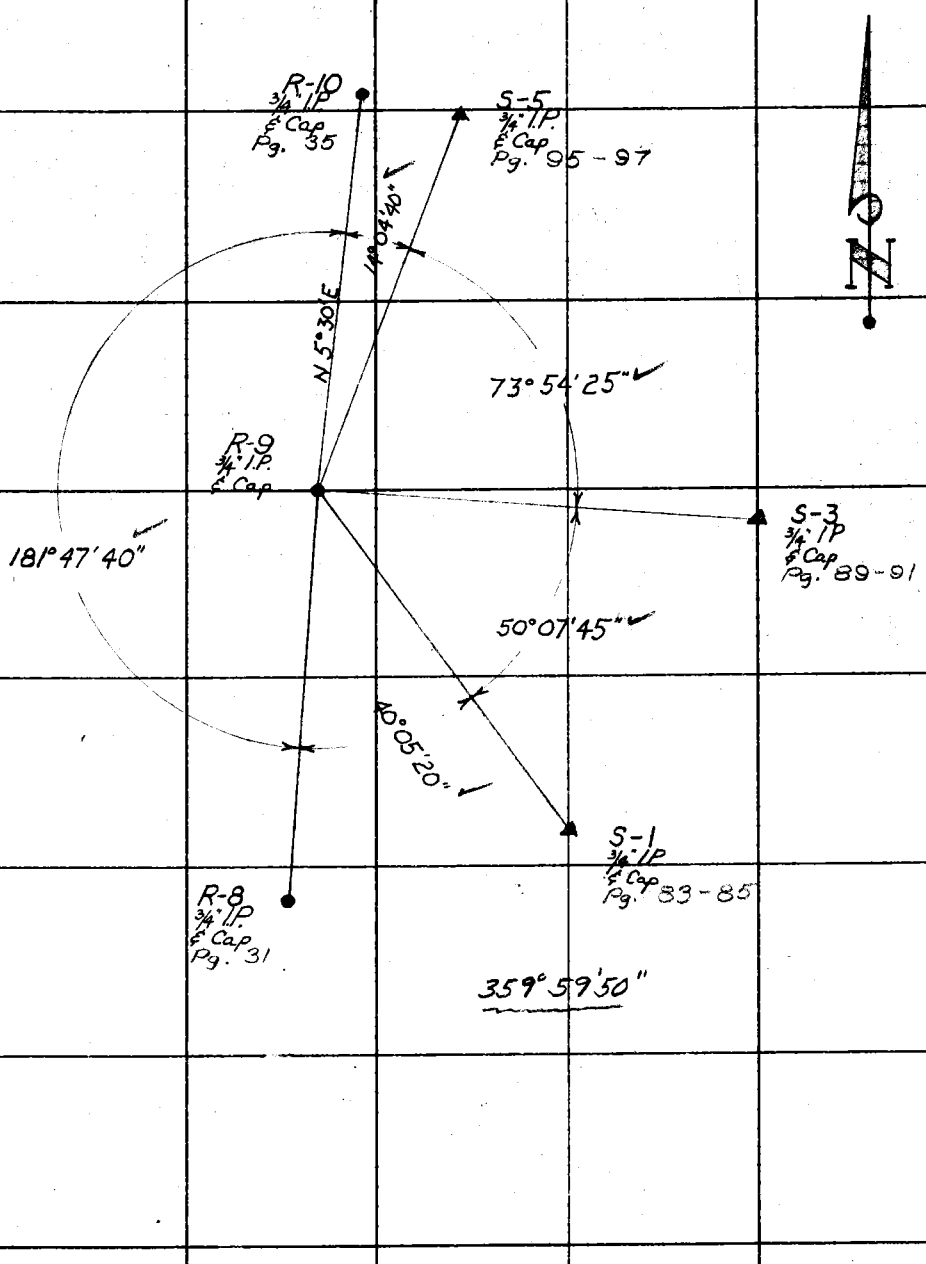
2)	50°	28'	00"
4)	100	56	40 ✓
6)	151	25	30
	25°	14'	15"

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 00 74.13 Tape No. Std. °F
Office Work	Surveyed by J. Y. SMITH & R. C. DALE
Checked	Notes R. C. A. Date 10-20-55
Date	Indexed C. Johnson

F. B. 2215 Pg. 33

R-9

Set 3/4" I.P. & cap stamped R-9 on a rocky ridge 750'± W. of bottom of canyon & 3000'± N. of North line of Rancho Topanga-Malibu Sequit.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-9 F.B. 2213 PG. 33 H.I. = 4.74 Elevation = 838.03

Sight on	Rod	+ Vertical − Angle	Horizontal Dist.	+ Vertical − Dist.	+ Curvature − Correction	+ Difference − Elevation	Adjusted Diff. Elev.	
R-8	-10.00	-2°32'00" -2°31'30" -2°31'45	828.006 .0441710	-36.574		-41.834	-41.66	796.37
R-10	-1.00	+3°43'30" +3°43'00" +3°43'15"	632.912 .0650322	+41.160		+44.900	+44.80	882.83
S-5	-1.00	+8°13'30" +8°13'30" +8°13'30"	1824.029 .1445476	+263.659		+267.399	+267.44	1105.47
S-3	-1.00	+9°03'30" +9°03'00" +9°03'15"	1246.457 .1593537	+198.628		+202.008	+202.39	1040.42
S-1	-10.00	-1°56'00" -1°56'00" -1°56'00"	2572.988 .0337558	-86.853		-92.113	-91.51	746.52

R-8 to R-10	S-3 to S-1	R-10 to S-5	S-1 to R-8	S-5 to S-3
2) 03°35'00"	2) 100°15'30"	2) 28°09'30"	2) 80°10'30"	2) 147°48'30"
4) 07°10'30"	4) 200°31'00"	4) 56°19'00"	4) 160°21'00"	4) 295°37'30"
6) 10°46'00"	6) 300°46'30"	6) 84°28'00"	6) 240°32'00"	6) 83°26'30"
181°47'40"	50°07'45	14°04'40"	40°05'20"	73°54'25"

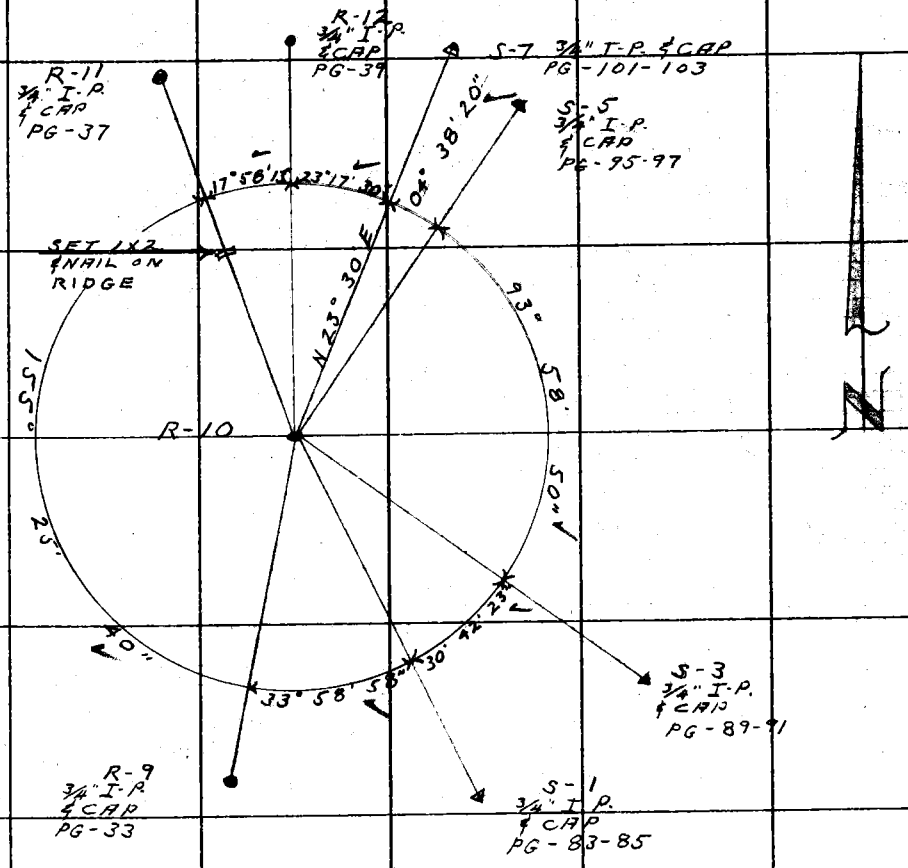
F.B. 2213 PG. 34

Notes Ck'd by: Miller	Survey of: DUME CN. RD.
Map No.	W. O. 8974/15 Tape No. 3r'd. of F.
Office Work	Surveyed by: L.V. SMITH & R.C. DOBLE
Checked	Notes: L.V.S. Date: 10-20-55
Date	Indexed: E. C. Johnson

F. B. 2215 Pg. 35

R10

SET 3/4" I.P. & CAP. STAMPED R-10 ON A ROCKY RIDGE, 450± W. OF BOTTOM OF CANYON & 3600± N. OF RANCHO TOPANGA-MALIBU-SEQUIT NORTH LINE.



359°59'54"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-10 F.B. 2215 PG. 35 H.I. 4.55 Elevation: 882.33

SIGHT ON	ROD	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
S-7	-1.00	+9° 15' 20" +9 15 00 +9° 15' 10"	1869.743 .1629 101	+304.600		+308.150	+308.17	1191.00
R-12	-1.00	+2° 45' 20" +2° 45 00 +2° 45' 10"	.0480 820					
S-5	-1.00	+10° 11' 20 +10 11 00 +10° 11' 10"	1219.849 .1796 782	+219.180		+222.730	+222.64	1105.47
S-3	-1.00	+6° 23' 00" +6° 22 40 +6° 22' 50"	1377.901 .1118 244	+154.083		+157.633	+157.59	1040.42
S-1	-10.00	-2° 26 20 -2° 26 40 -2° 26' 30"	3073.337 .0426 409	-136.050		-136.500	-136.31	746.52
R-9	-10.00	-3° 33' 00" -3 33 20 -3° 33' 10"	632.912 .0620 873	-39.296		-44.746	-44.80	838.03

R-11 TO R-12
2) 35° 56' 20"
4) 71 52 40 ✓
6) 107 49 20
17° 58' 13"

R-12 TO S-7
2) 46° 35' 00
4) 93 10 00 ✓
6) 139 45 00
23° 17' 30"

S-7 TO S-5
2) 09° 16' 40"
4) 18 33 00 ✓
6) 27 50 00
04° 38' 20"

S-5 TO S-3
2) 187° 57' 20"
4) 15 55 20 ✓
6) 203 53 00
93° 58' 50"

S-3 TO S-1
2) 61° 24 40 ✓
4) 122 49 40
6) 184 14 20
30° 42' 23"

S-1 TO R-9
2) 67° 57' 40"
4) 135 55 40 ✓
6) 203 53 50
33° 58' 58"

R-9 TO R-11
2) 310° 51' 20"
4) 261° 42 40 ✓
6) 212 34 00
155° 25' 40"

F.B. 2215 PG. 36

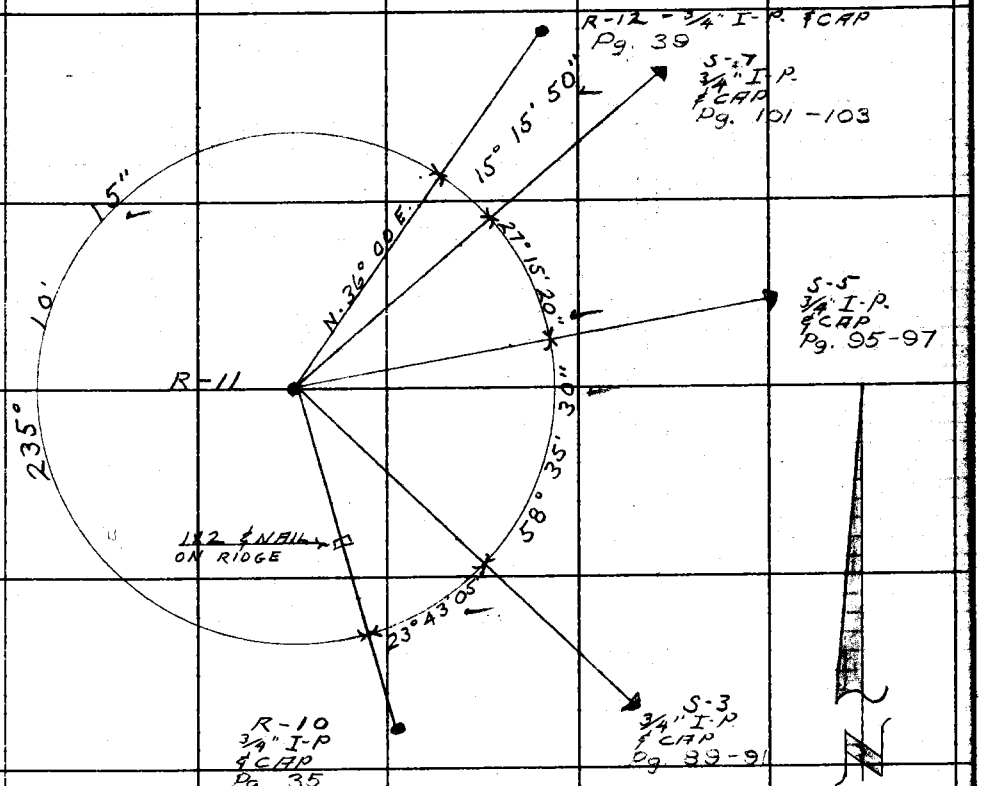
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of DUNE CN. RD.
W. O. 0074-15 Tape No. St'd. °F
Surveyed by L.V. SMITH & R.C. DALE
Notes L.V.S. Date 11-55
Indexed C. Johnson

F. B. 2215 Pg. 37

R11

SET 3/4" I-P. ON ROUNDED NOSE 650'± W. OF BOTTOM OF RAMERA CANYON & 4500'± N. OF NORTH LINE OF THE RANCHO TOPANGA MALIBU SEQUIT. CAP ON PIPE STAMPED R-11



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-11 F.B. 2215 PG. 37 H.I. 4.43 Elevation · 913.23

SIGHT ON	ROD	± VERTICAL ANGLE	HORIZONTAL ANGLE	± VERTICAL DISTANCE	+ CURVATURE CORRECTION	± DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	
R-12	-4.00	+ 4° 09' 00" + 4 08 30 + 4° 08' 45"	493.798 .0724 850	+ 35.793		+ 36.223	+ 36.15	949.38
S-7	-1.00	+ 11° 50 00 + 11° 49 30" + 11 49 45	1308.709 .2094 422	+ 274.099		+ 277.529	+ 277.77	1191.00
S-5	-1.00	+ 12° 02' 30 + 12° 02 00 + 12° 02' 15"	884.066 .2132 407	+ 188.519		+ 191.949	+ 192.24	1105.47
S-3	-1.00	+ 3° 12' 00" + 3° 12 00 + 3° 12' 00"	2206.744 .0559 087	+ 123.376		+ 126.806	+ 127.19	1040.42

R-12 TO S-7

2)	30°	31 30"
4)	61	03 00 ✓
5)	91	35 00
	15°	15' 50"

S-7 TO S-5

2)	54°	30'	30"
4)	109	01	30 ✓
6)	163	32	00
	27°	15'	20"

S-5 TO S-3

2)	117°	11'	15"
4)	234	22	00 ✓
6)	351	33	00
	58°	35'	30"

S-3 TO R-10

2)	47°	26'	00"
4)	94°	52	30 ✓
6)	142	18	30
	23°	43'	05"

R-10 TO R12

2)	110°	20'	30"
4)	220	41	00 ✓
6)	331	01	30
	235°	10'	15"

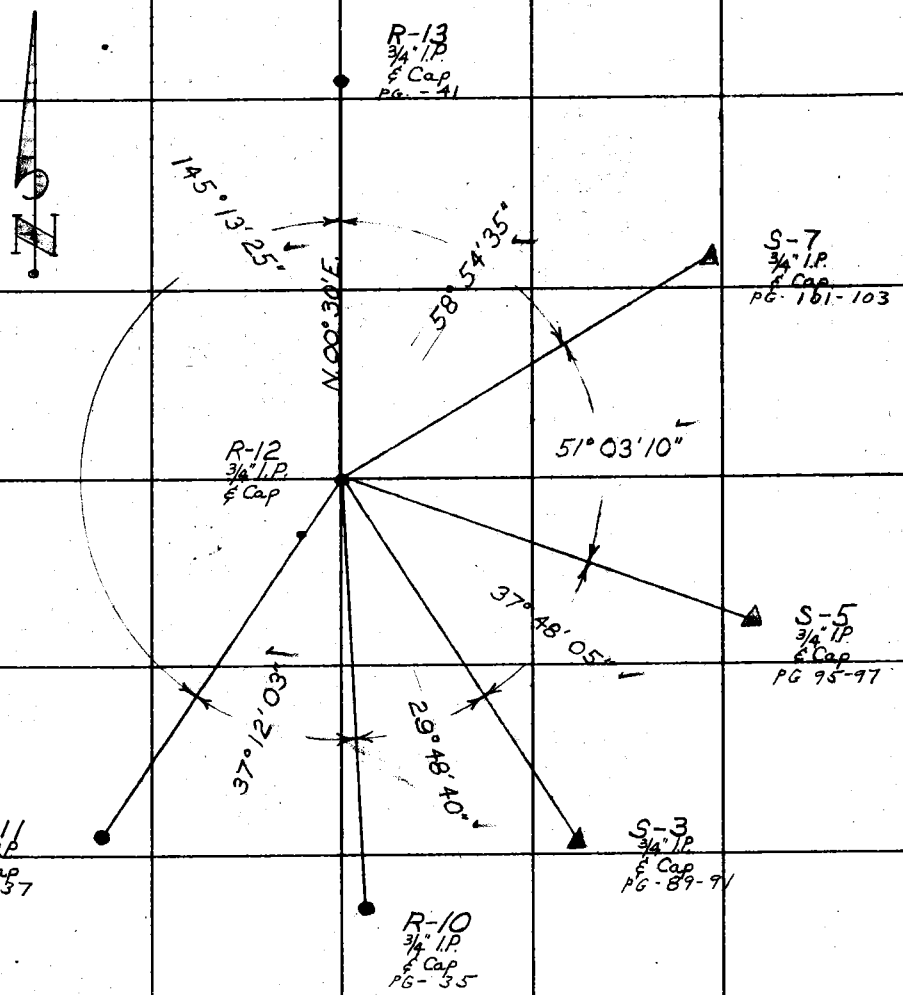
F.B. 2215 PG. 38

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 0074.15 Page No. Sh'd. of
Office Work	Surveyed by D. V. SMITH & R.C. DALE
Checked	Notes R.C.B. Date 10-31-55
Date	Indexed C. JOHNSON

F.B. 2215 Pg. 38

R-12

Set ¾" I.P. & cap stamped R-12 on a rocky ridge 350± W. of bottom of canyon & 5000± N. of North line of Rancho Topanga-Malibu Sequit.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3085 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-12 F.B. 2215 PG. 39 HI. = 4.55 Elevation = 949.38

Sight on	Rod	+ Vertical - Angle	Horizontal Dist.	+ Vertical - Dist.	+ Curvature - Correction	+ Difference - Elevation	Adjusted Diff. Elev.	
R-11	-10.00	-3°34'30" -3°34'30" -3°34'30"	493.798 .0624 766	- 30.851		-36.301	-36.15	913.23
R-10	-10.00	-02°40'00" -02°40'30" -02°40'15"	.0466 486					
R-13	-3.00	+4°48'30" +4°48'15" +4°48'22"	861.910 .0840 798	+ 72.469		+74.019	+74.06	1023.44
S-7	-3.00	+15°53'30" +15°54'00" +15°53'45"	842.413 .2847 789	+ 239.901		+241.451	+241.62	1191.00
S-5	-3.00	+14°01'00" +14°00'30" +14°00'45"	617.997 .2495 597	+ 154.227		+155.777	+156.09	1105.47
S-3	-6.00	+02°14'00" +02°14'00" +02°14'00"	2353.055 .0389 988	+ 91.766		+90.316	+91.04	1040.42

R-13 to S-7	R-10 to R-11	S-7 to S-5	S-5 to S-3	R-11 to R-13	S-3 to R-10
2) 117°49'00"	2) 74°24'00"	2) 102°06'15"	2) 75°36'00"	2) 290°26'45"	2) 59°37'00"
4) 235°38'00" ✓	4) 148°48'15" ✓	4) 204°12'30" ✓	4) 151°12'00" ✓	4) 220°53'30" ✓	4) 119°14'30" ✓
6) 353°27'30"	6) 223°12'15"	6) 306°19'00"	6) 226°48'30"	6) 151°20'30"	6) 178°52'00"
58°54'35"	37°12'03"	51°03'10"	37°48'05"	145°13'25"	29°48'40"

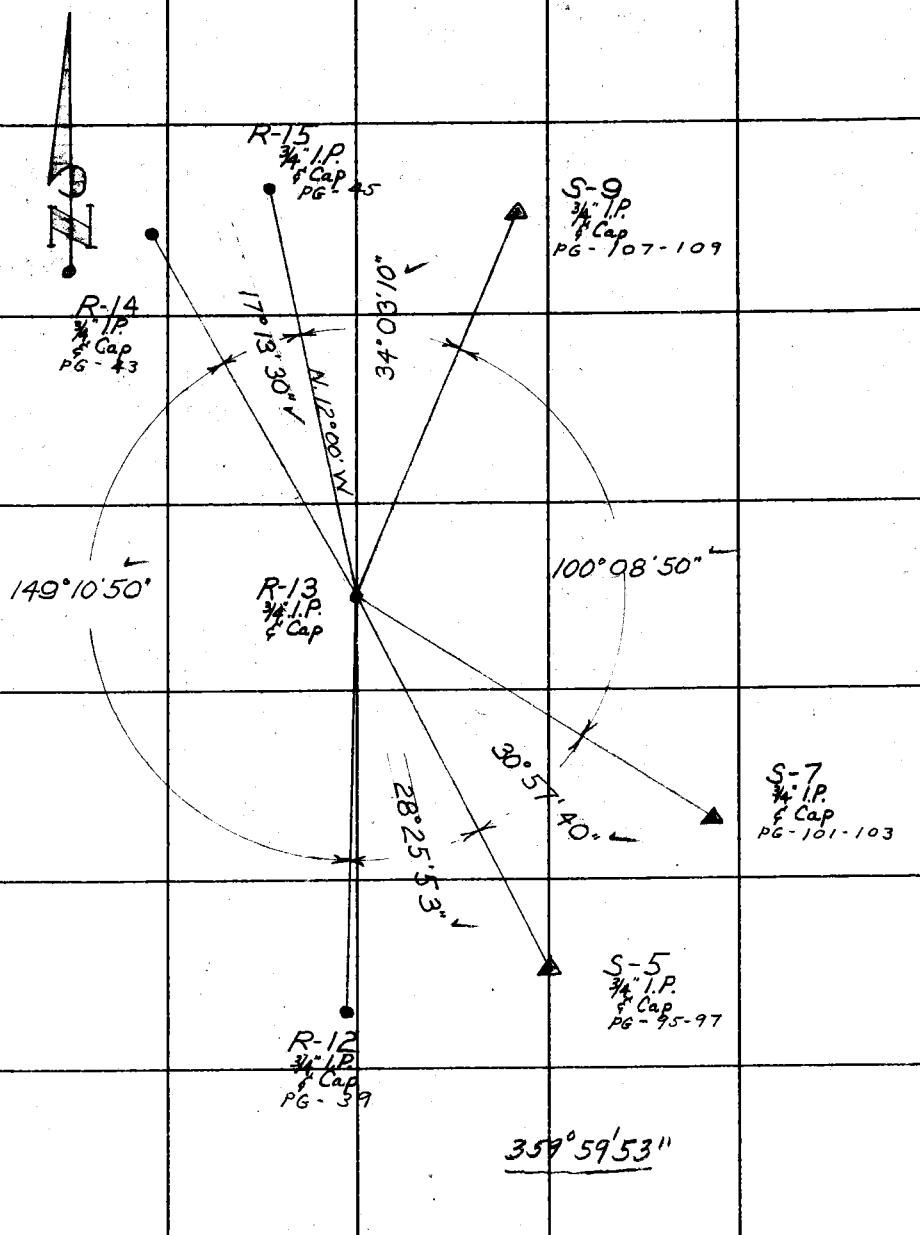
F.B. 2215 PG. 40

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 0074.15 Tape No. Sw'd. of
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes R.C.B. Date 10-21-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 41

R-13

Set ¾" I.P. & cap stamped R-13 on side hill 250'± W. of bottom of canyon & 5600'± N. of North line of Rancho Topanga-Malibu Sequit.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3065 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-13 FB 2215 PG 41 HI = 4.92 Elev = 1023.44

SIGHT ON	ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	+ CURVATURE CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
R-14	-7.00	+4°43'20" +4°43'40" +4°43'30"	465.173 .0826 542	+ 38.449		+ 36.369	+36.37	1059.81
R-15	-3.00	+2°58'20" +2°58'00" +2°58'10"	.0518 730					
S-9	-2.00	+8°01'00" +8°01'00" +8°01'00"	1397.779 .1408375	+ 225.027		+ 227.947	+227.91	1251.35
S-7	-3.00	+11°10'40" +11°10'20" +11°10'30"	838.377 .1975 519	+ 165.623		+ 167.543	+167.56	1191.00
S-5	-1.00	+3°39'20" +3°39'00" +3°39'10"	1220.250 .0638 395	+ 77.900		+ 81.820	+82.03	1105.47
R-12	-10.00	-4°34'40" -4°34'40" -4°34'40"	861.910 .0800 677	- 69.01		- 74.09	- 74.06	949.38

R-14 to R-15	R-12 to R-14	R-15 to S-9	S-9 to S-7	S-7 to S-5	S-5 to R-12
2) 34°27'00"	2) 298°21'30"	2) 68°06'30"	2) 200°17'30"	2) 61°55'30"	2) 56°51'30"
4) 68°54'00" ✓	4) 236°43'00" ✓	4) 136°12'45" ✓	4) 40°35'30" ✓	4) 123°50'45" ✓	4) 113°43'30" ✓
6) 103°21'00"	6) 175°05'00	6) 204°19'00"	6) 240°53'00"	6) 185°46'00"	6) 170°35'15"
17°13'30"	149°10'50"	34°03'10"	100°08'50"	30°57'40"	28°25'53"

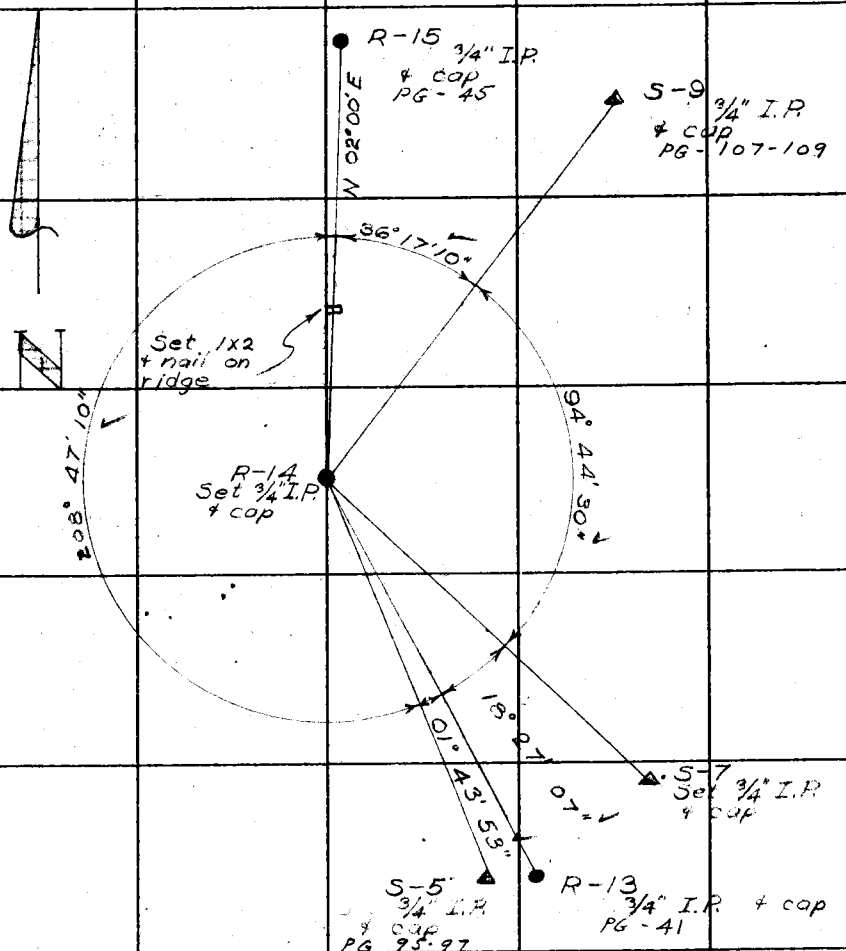
F.B. 2215 PG. 42

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 8074.15 Tape No. Sr'd. eF.
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes C.V.C. Date 10-27-55
Date	Indexed J. C. Johnson

F.B. 2215 Pg. 43

R-14

Set 3/4" I.P. & cap up 1" on a ridge 225'± W. of bottom of Ramera Cn. and 6100'± N. of north line of Rancho Topanga-Malibu Sequit.



359°59'50"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-14 F.B. 2215 PG. 43 H.I. 4.80' Elevation: 1059.81

SIGHT ON	ROD	+ VERTICAL ∓ ANGLES	HORIZONTAL DISTANCE	+ VERTICAL ∓ DISTANCE	±CURVATURE CORRECTION	+DIFFERENCE ∓ ELEVATION	ADJUSTED DIFF. ELEV.	ELEVATION
S-9	-1.00	+ 7° 53' 40" + 7° 53' 20" + 7° 53' 30"	1356.323 .1386 132	+ 188.004		+ 191.604	+ 191.54	1251.35
S-7	-1.00	+ 5° 45' 20" + 5° 45' 00" + 5° 45' 10"	1266.600 .1007 437	+ 127.602		+ 131.202	+ 131.19	1191.00
R-13	-10.00	- 3° 48' 20" - 3° 48' 40" - 3° 48' 30"	465.173 .0665 660	- 30.965		- 36.365	- 36.37	1023.44
S-5	- 1.00	+ 1° 25' 40" + 1° 25' 20" + 1° 25' 30"	1685.129 .0248 761	+ 41.919		+ 45.519	+ 45.66	1105.47

F.B. 2215 PG. 44

R-15 to S-9

2)	72°	34'	20"
4)	145	08	40 ✓
6)	217	42	00
	36°	17'	10"

S-9 to S-7

2)	159°	29'	00"
4)	18	58	00 ✓
6)	208	27	00
	94°	44'	30"

S-7 to R-13

2)	36°	54'	00"
4)	73	48	00 ✓
6)	110	42	40
	18°	27'	57"

R-13 to S-5

2)	03°	27'	40"
4)	06	55	20 ✓
6)	10	23	20
	01°	43'	53"

S-5 to R-15

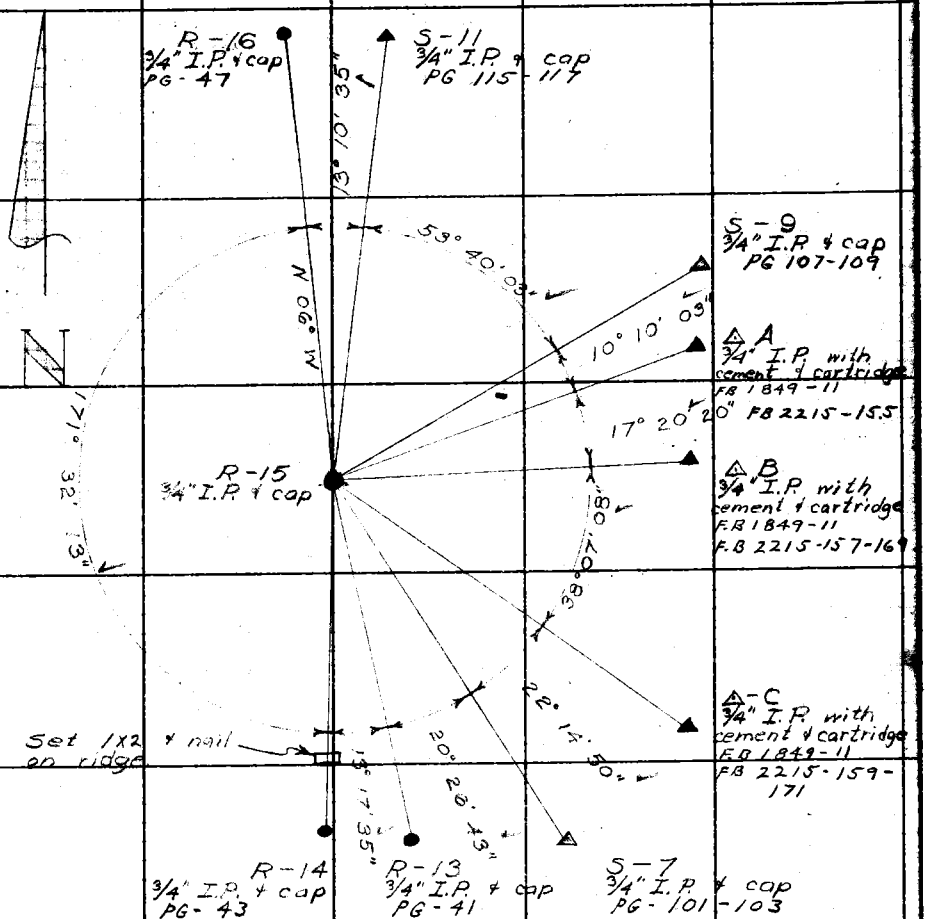
2)	57°	34'	20"
4)	115	08	40 ✓
6)	172	43	00
	208°	47'	10"

Notes Ck'd by Miller	Survey of Dume Cñ. Rd.
Map No.	W. O. 0074.15 Tape No. St'd. °F
Office Work	Surveyed by K.Smith & R.C.Dale
Checked	Notes C.K.C. Date 10-24-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 45

R-15

Set 3/4" I.P. & cap stamped R-15 1" up on a side hill 300'± W. of bottom of Ramera Cñ. and 6700'± N. of the north line of Rancho Topanga-Malibu Sequit.



359° 59' 30"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION R-15 F.B. 2215 PG. 45 HI. 5.05' Elevation = 1078.59

SIGHT ON	ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	+ CURVATURE & REFRACTION CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
R-18	-2.00'	+ 2° 47' 00"	513.67'	+24.97'		+28.02'	+27.96	1106.55
		+ 2 47 30						
		+ 2° 47' 00"	.0486 166					
S-11	-2.00'	+ 8° 35' 00"	1600.916	+241.560		+244.610	+244.40	1322.99
		+ 8 34 40						
		+ 8° 34' 50"	.1508 887					
S-9	-2.00'	+10° 13' 20"	942.497	+169.912		+172.962	+172.76	1251.35
		+10 13 30						
		+10° 13' 10"	.1802 788					
Δ-A	-2.00'	+10° 03' 40"	3176.023	+563.353		+566.403	+566.39	1644.98
		+10 03 20						
		+10° 03' 30"	.1773 769					
Δ-B	-5.00	+ 8° 47' 40"	3210.791	+496.579		+496.629	+496.30	1574.89
		+ 8 47 20						
		+ 8° 47' 30"	.1546 593					
Δ-C	-9.00	+10° 40' 00"	2474.302	+465.909		+461.959	+461.89	1540.48
		+10 39 40						
		+10° 39' 50"	.1882 993					
S-7	-1.00	+ 3° 36' 40"	1720.496	+108.496		+112.546	+112.41	1191.00
		+ 3 36 20						
		+ 3° 36' 30"	.0630 607					
R-13	-10.00	- 2° 47' 20"						
		- 2 47 40						
		- 2° 47' 30"						

F.B. 2215 Pg. 46

R-16 to S-11
2) 26° 21' 00"
4) 52 42 00 ✓
6) 79 03 30
13° 10' 35"

S-11 to S-9
2) 107° 20' 00"
4) 214 40 00 ✓
6) 322 00 20
53° 40' 03"

S-9 to Δ-A
2) 20° 20' 00"
4) 40 40 00 ✓
6) 61 00 20
10° 10' 03"

Δ-A to Δ-B
2) 34° 40' 20"
4) 69 21 00 ✓
6) 104 02 20
17° 20' 20"

Δ-B to Δ-C
2) 76° 14' 00"
4) 152 28 40 ✓
6) 228 42 50
38° 07' 08"

Δ-C to S-7
2) 44° 29' 40"
4) 88 59 10 ✓
6) 133 29 50
22° 14' 50"

S-7 to R-13
2) 40° 58' 20"
4) 101 47 00 ✓
6) 142 40 26
20° 26' 43"

R-13 to R-14 (wiggle)
2) 26° 35' 00"
4) 53 10 00 ✓
6) 79 45 00
13° 17' 32"

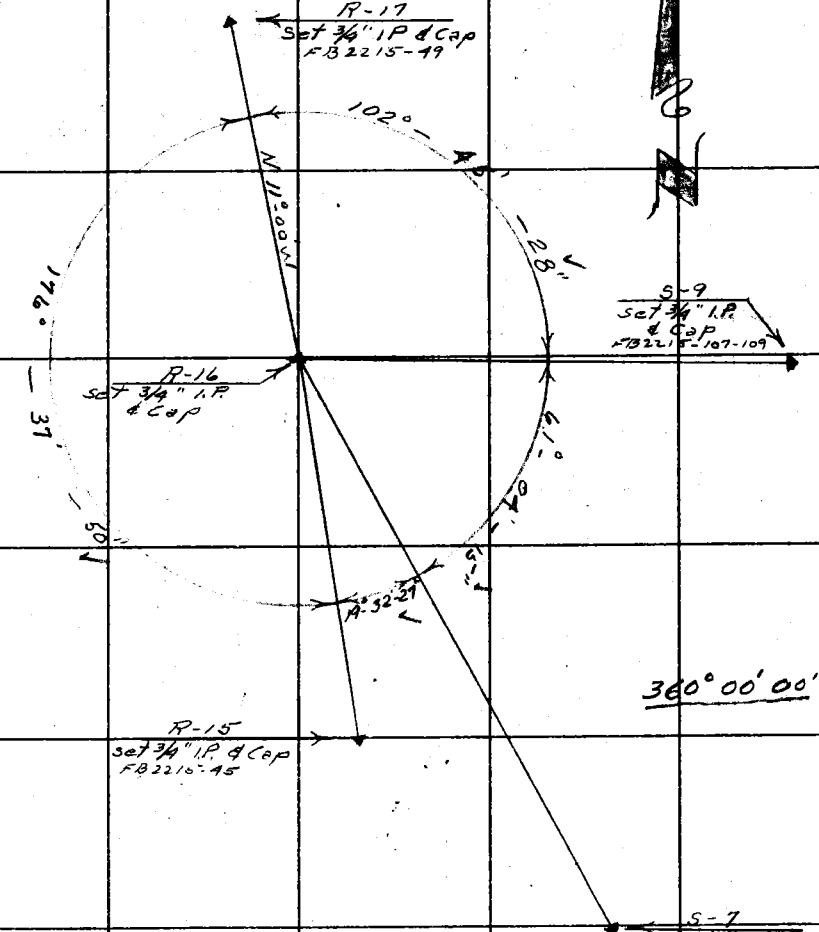
R-14 to R-16
2) 349° 00' 20"
4) 326 00 00 ✓
6) 309 00 20
171° 30' 13"

Notes Ck'd by Miller	Survey of Dume Cir Rd
Map No.	W. O. 00415 Tape No. 135 Sr'd. 91° °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-26-55
Date	Indexed J. C. Johnson

F. B. 2215 PG. 47

R-16

R-16 Set 3/4" I.P. & Cap on E slope of large spur 7300' ± from Saddle That seperates Dume & Newton Cas at end of "P" line from North. 400' ± W. out of Cir bottom.



360° 00' 00"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-16 F.B. 2215 Pg. 47 HI = 4.73 Elevation = 1106.55

Sight on	= Rod	± Vertical Angle	Horizontal Distance	± Vertical Distance	+ Curvature Correction	+ Difference Elevation	Adjusted Diff. Elevation	
R-17	-5.00	+3-29-40 +3-30-00 +3-29-50	284.652 .0611140	+17.396		+17.126	+17.15	1123.70
S-9	-5.00	+9-22-40 +9-23-00 +9-22-50	878.313 .1652003	+145.098		+144.828	+144.80	1251.35
S-7	-5.00	+2-13-20 +2-13-40 +2-13-30	2195.936 .0388531	+85.319		+85.049	+84.45	1191.00
R-15	-5.00	-3-04-40 -3-04-40 -3-04-40	513.673' .0537691'	-27.620		-27.890	-27.96	1078.59

R-17 to S-9	S-9 to S-7	S-7 to R15	R-15 to R-17
2) 205-31-00	2) 122-08-40	2) 39-04-40	2) 353-15-40
4) 51-01-40	4) 244-17-00	4) 78-09-40	4) 346-31-20
6) 256-32-50	6) 366-25-30	6) 117-14-40	6) 339-47-00
102-45-28	61-04-15	19-32-27	176-37-50

F.B. 2215 Pg. 48

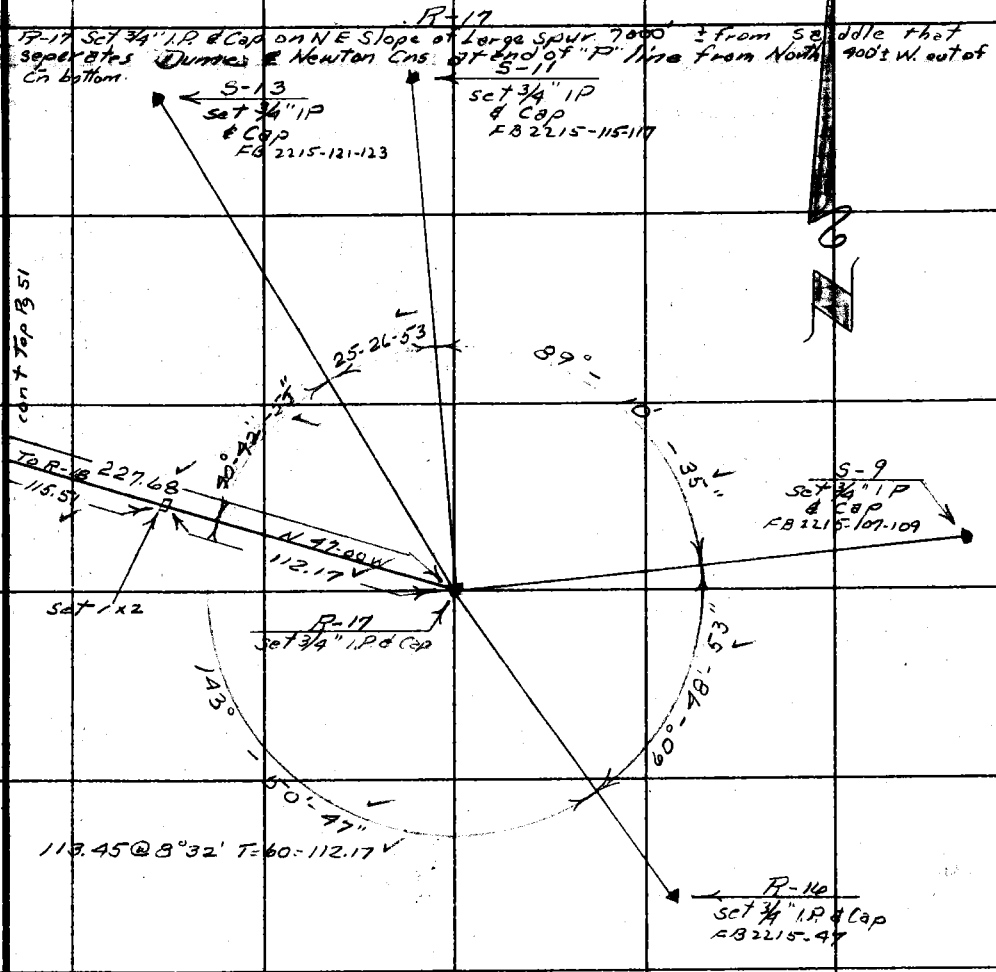
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of Dume Cn Rd
W. O. 0074.15 Tape No. 135 Std. 84 °F
Surveyed by R.C. Dale & L.V. Smith
Notes R.C. Dale Date 10-26-55
Indexed C. Johnson

F. B. 2215 PG. 49

R-17

R-17 Set 3/4" I.P. & Cap on N.E. Slope of Large spur 7000' ± from saddle that separates Dumes & Newton Cns. at end of "P" line from North 400'± W. out of Cn bottom.



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 meter this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Elevation = 1123.70

Transit at Sight on	± Rod	Station +Vertical -Angle	R-17 Horizontal Distance	F.B. 2215 +Vertical -Distance	Pg. # 49 +Curvature -Elevation	H.I. = 4.55 +Difference -Elevation	Adjusted Diff. Elevation	
S-13	±5.00	+9-49-00 +9-49-20 +9-49-10	1676.701 .1730 795	+290.203		+289.753	+289.68	1413.38
S-11	-5.00	+13-12-00 +13-12-20 +13-12-10	851.258 .2345 290	+199.704		+199.254	+199.29	1322.99
S-9	-5.00	+7-26-00 +7-26-20 +7-26-10	981.134 .1305 183	+128.056		+127.606	+127.65	1251.35
R-16	-5.00	-3-22-00 -3-21-40 -3-21-50	284.652 .0587 785	-16.73		-17.18	-17.15	1106.55

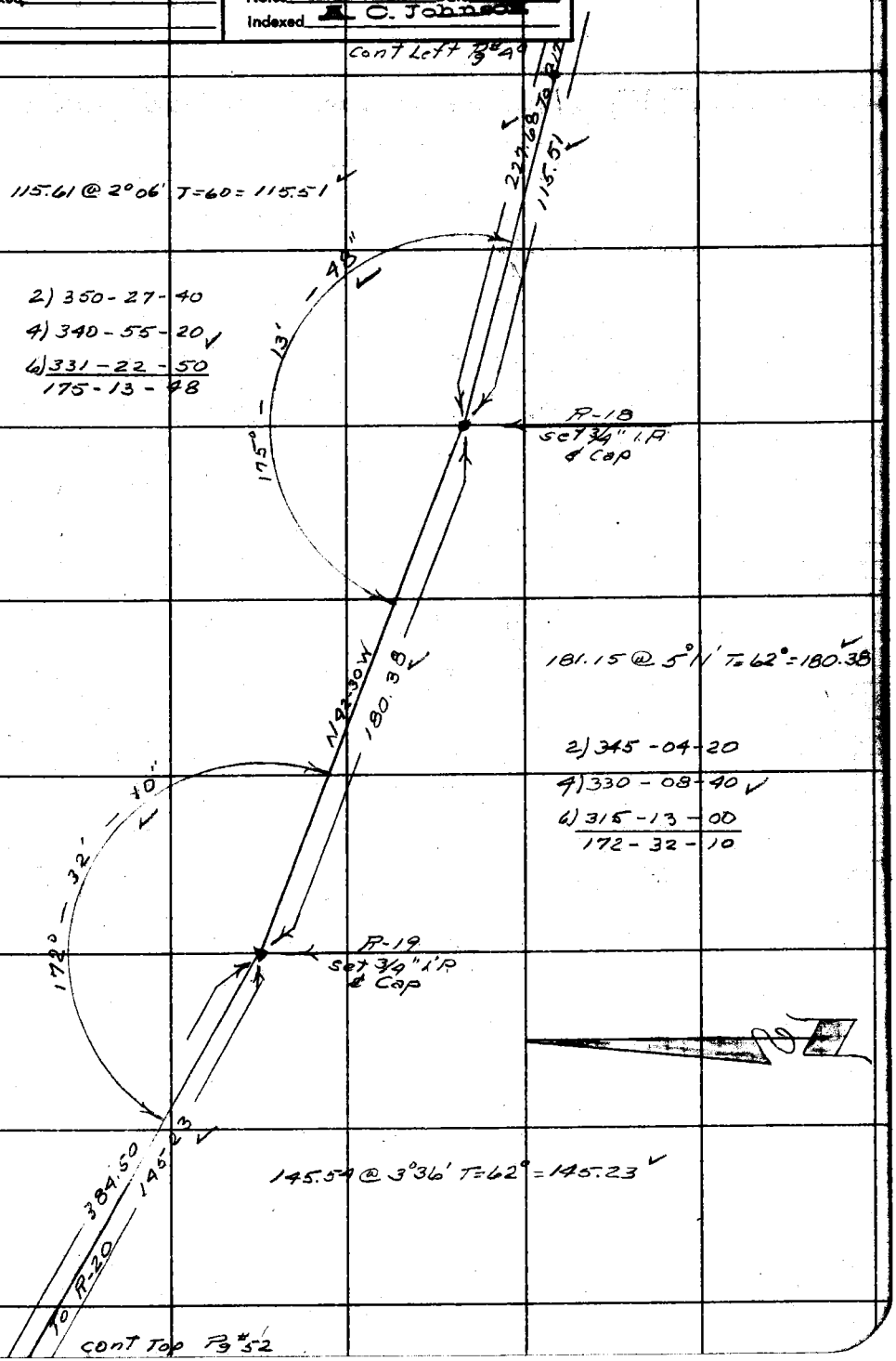
R-18 to S-13	S-13 to S-11	S-11 to S-9	S-9 to R-16	R-16 to R-18
2) 81-25-50	2) 50-54-00	2) 178-21-20	2) 121-37-40	2) 287-41-40
4) 162-51-40	4) 101-47-40	4) 356-42-40	4) 243-15-30	4) 215-23-20
6) 244-17-30	6) 152-41-20	6) 175-03-30	6) 364-53-20	6) 143-04-40
40-42-55	25-26-53	89-10-35	60-48-53	143-50-47

F.B. 2215 Pg. 50

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

Survey of Dumc Cn Rd.
W. O. 074.15 Tape No. 135 Std. 84 °F
Surveyed by RC. Dale & LV Smith
Notes R.C. Dale Date 10-25-55
Indexed C. Johnson

F: B 2215 Pg. 51



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 attach notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

cont Bot Pg #51

F.B. 2215 PG. 52

To R-19
145.23

152.12 @ 1°18' T=62° = 152.06
87.35 @ 3°09' T=62° = 87.21
239.27

Set 1x2

384.50
239.27

R-20
Set 3/4 I.P.
& Cap

20
30
140°

2) 281-00-40
4) 202-01-20
6) 123-02-00
140°-30'-20"

354.68
164.06

168.95 @ 13°47' T=64° = 164.06

To R-21

cont. Right Pg #53

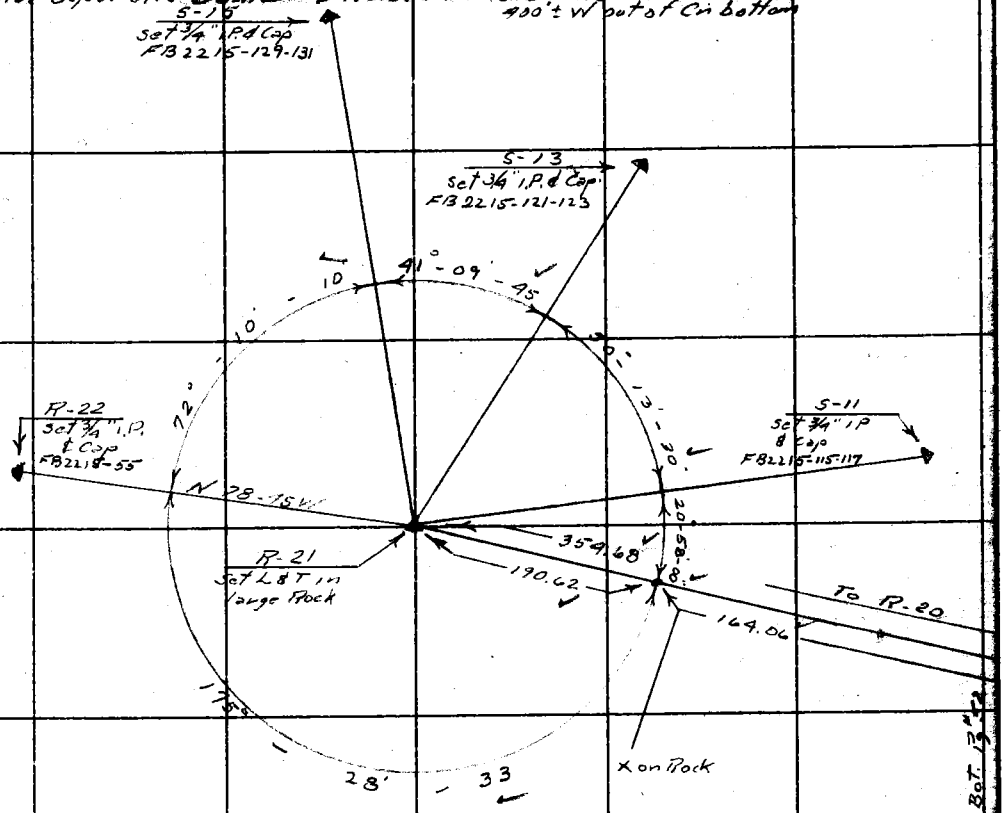
RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 2215 Tape No. 1358 Ind. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-25-55
Date	Indexed E. C. Johnson

F. B. 2215 Pg. 53

R-21
R-21 Set L&T in large Rock, NE Slope of large Spur, 5800' ± from Saddle that separates Dume & Newton Cns. at end of "P" line from North 400' ± W out of Cn bottom



190.71 @ 1°28' T.62 = 190.62

359° 59' 58"

Cont Bot 13"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-21 F.B. 2215 Pg. 53 H.I. = 3.91 Elevation = 1217.98

Sight on	Rod	+Vertical -Angle	Horizontal Distance	+Vertical -Distance	+Curvature Correction	-Difference -Elevation	Adjusted Diff. Elevation	
R-22	-5.00	+ 5-27-40 + 5-28-00 + 5-27-50	729.933 .0956 530	+ 69.820		+68.730	+68.71	1286.69
S-15	-5.00	+ 5-41-00 + 5-40-40 + 5-40-50	1887.415 .0994 705	+ 187.742		+ 186.652	+186.60	1404.58
S-13	-5.00	+ 9-31-00 + 9-31-00 + 9-31-00	1172.591 .1676417	+ 196.575		+195.485	+195.40	1413.38
S-11	-5.00	+ 5-21-20 + 5-21-40 + 5-21-30	1132.500 .0937 942	+106.222		+105.132	+105.01	1322.99

R-22 to S-15	S-15 to S-13	S-13 to S-11	S-11 to R-20	R-20 to R 22
2) 144-20-20	2) 82-19-30	2) 100-27-00	2) 41-56-00	2) 350-57-20
4) 288-40-40	4) 164-39-00	4) 200-54-00	4) 83-52-00	4) 341-54-30
6) 73-01-00	6) 246-58-30	6) 301-21-00	6) 125-48-00	6) 332-51-20
72-10-10	41-09-45	50-13-30	20-58-00	175-28-33

F.B. 2215 PG. 54

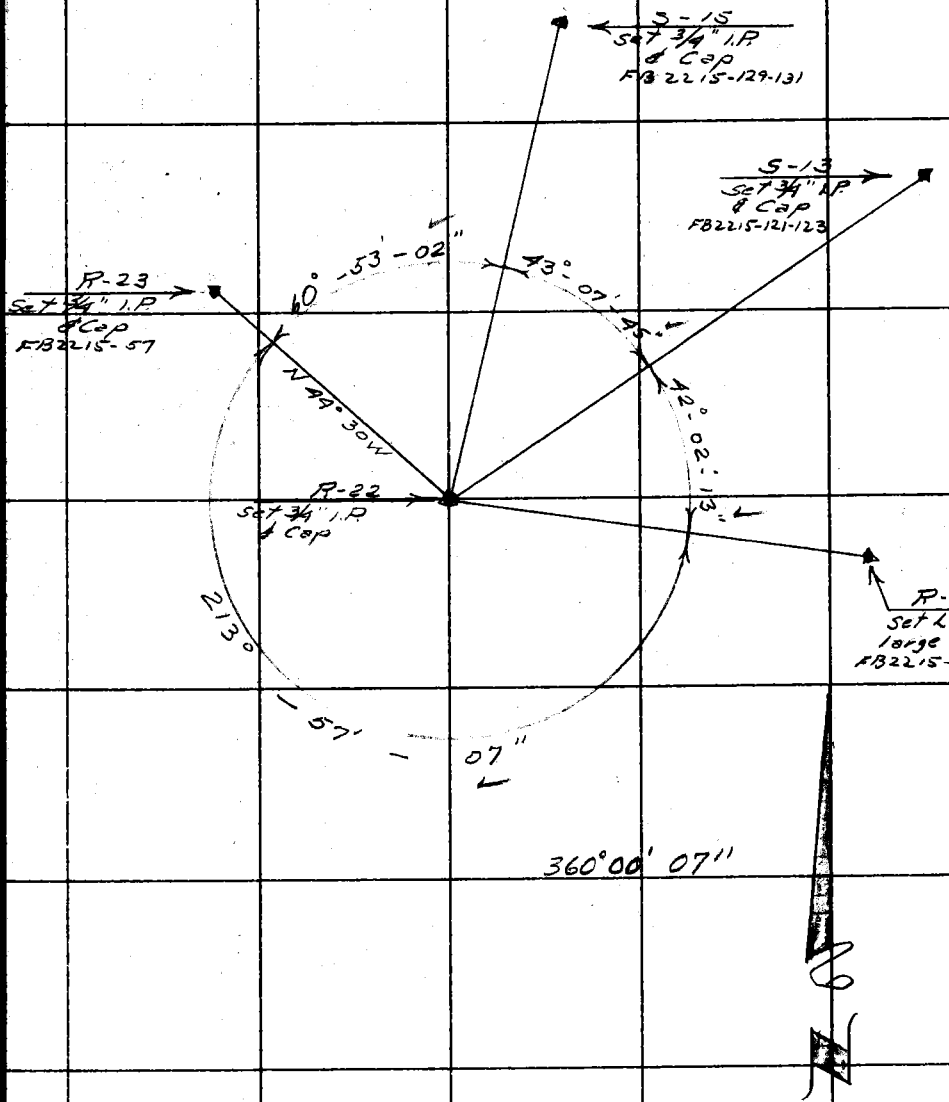
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of Dume Cn Rd
W. 0°34.15 Tape No. 135 Std. 84 °F
Surveyed by R.C. Dale & L.V. Smith
Notes R.C. Dale Date 10-29-55
Indexed E. C. Johnson

F.B. 2215 Pg. 55

R-22

R-22 Set 3/4" I.P. & cap on Spur 5300 ± from Saddle that Seperates Dume & Newton Cns. & end of "P" line from North 500' ± W out of Cn bottom.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-22 FB 2215 P. 55 H.I. 4.44 Elevation: 1286.69

Sight on	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
R-23	-5.00	+ 3-16-40 + 3-16-40 + 3-16-40	276.999 .0572705	+ 15.864		+ 15.304	+ 15.33	1302.02
S-15	-5.00	+ 3-45-00 + 3-45-00 + 3-45-00	1803.174 .0655435	+ 118.186		+ 117.626	+ 117.89	1404.58
S-13	-5.00	+ 4-31-00 + 4-31-20 + 4-31-10	1608.029 .0790432	+ 127.104		+ 126.544	+ 126.69	1413.38
R-21	-5.00	- 5-20-00 - 5-20-00 - 5-20-00	729.933 .0933540	- 68.142		- 68.702	- 68.71	1217.98

R-23 to S-15	S-15 to S-13	S-13 to R-21	R-21 to R-23
2) 121-46-10	2) 86-15-40	2) 84-04-30	2) 67-54-20
4) 243-32-20	4) 172-31-00	4) 168-09-00	4) 135-48-40
6) 05-18-10	6) 258-46-30	6) 252-13-20	6) 203-42-40
60-53-02 ✓	43-07-45 ✓	42-02-13 ✓	213-57-07 ✓

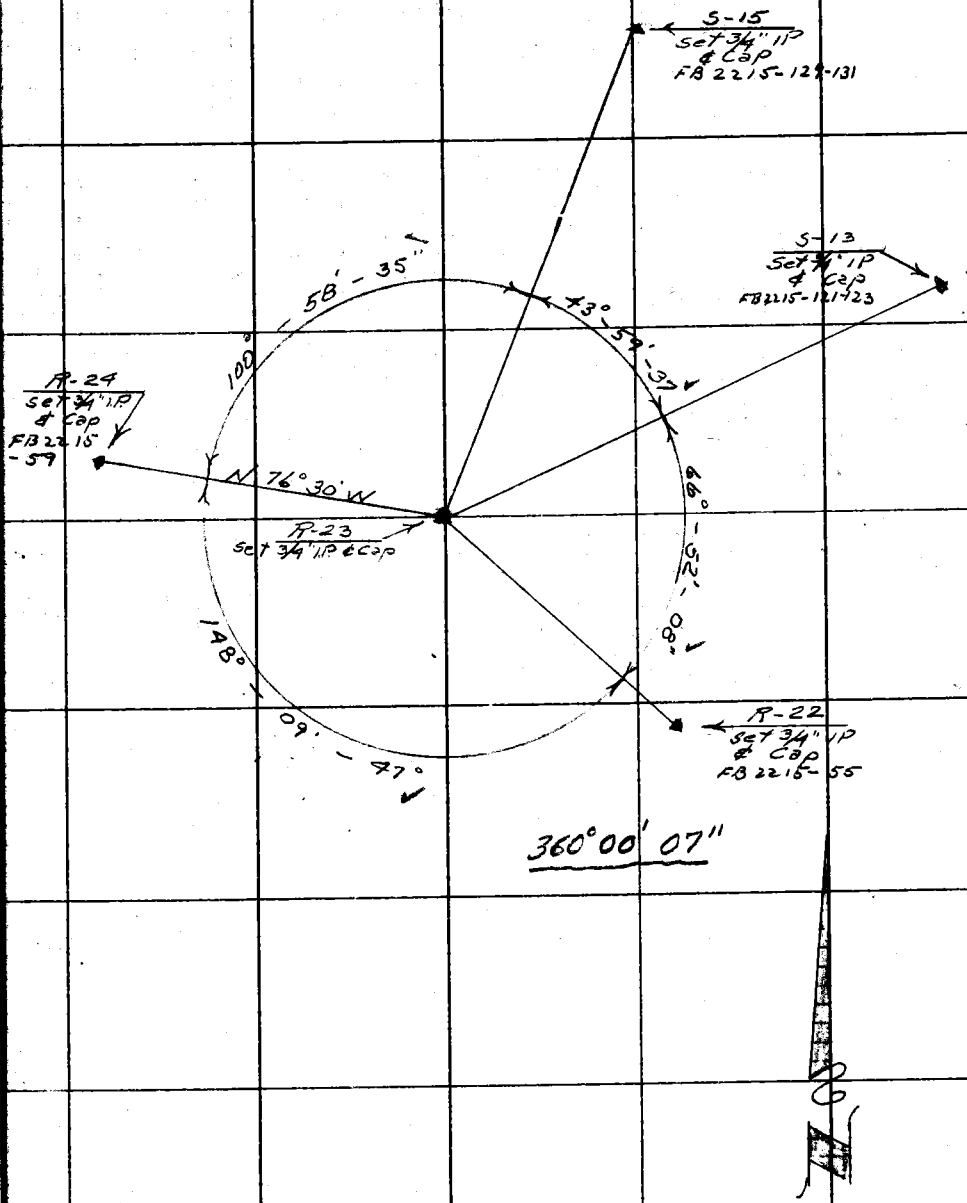
F.B. 2215 PG. 56

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 8745 Tape No. 3rd. 8th of
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date
Date	Indexed C. Johnson

F. B. 2215 Pg. 59

R-23

R-22 Set 3/4" I.P. & Cap on E Slope of Spur 5000' ± from Saddle that Seperates Dume & Newton Cns. at end of "P" line 500' ± W out of Cn bottom



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-23 F.B. 2215 Pg. # 57 H.I. = 4.69 Elevation = 1302.02

Sight on	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	± Difference Elevation	Adjusted Elevation	
R-24	-5.00	+ 1-26-00 + 1-26-20 + 1-26-10	425.397 .0250 701	+ 10.665		+10.265	+10.30	1312.32
S-15	-5.00	+ 3-29-40 + 3-29-40 + 3-29-40	1685.785 .0610 653	+ 102.943		+102.543	+102.56	1404.58
S-13	-5.00	+ 3-46-20 + 3-46-00 + 3-46-10	1696.463 .0658 843	+ 111.770		+111.370	+111.36	1413.38
R-22	-5.00	- 3-05-20 - 3-05-40 - 3-05-30	276.999 .0540 122	- 14.961		-15.361	-15.32	1286.69

R-24 to S-15	S-15 to S-13	S-13 to R-22	R-22 to R-24
2) 201-57-00	2) 87-59-20	2) 133-44-20	2) 296-19-40
4) 43-54-20	4) 175-58-30	4) 267-28-40	4) 232-39-10
6) 295-51-30	6) 263-57-40	6) 41-12-50	6) 168-58-40
100-58-35 ✓	43-59-37 ✓	66-52-08 ✓	148-09-47 ✓

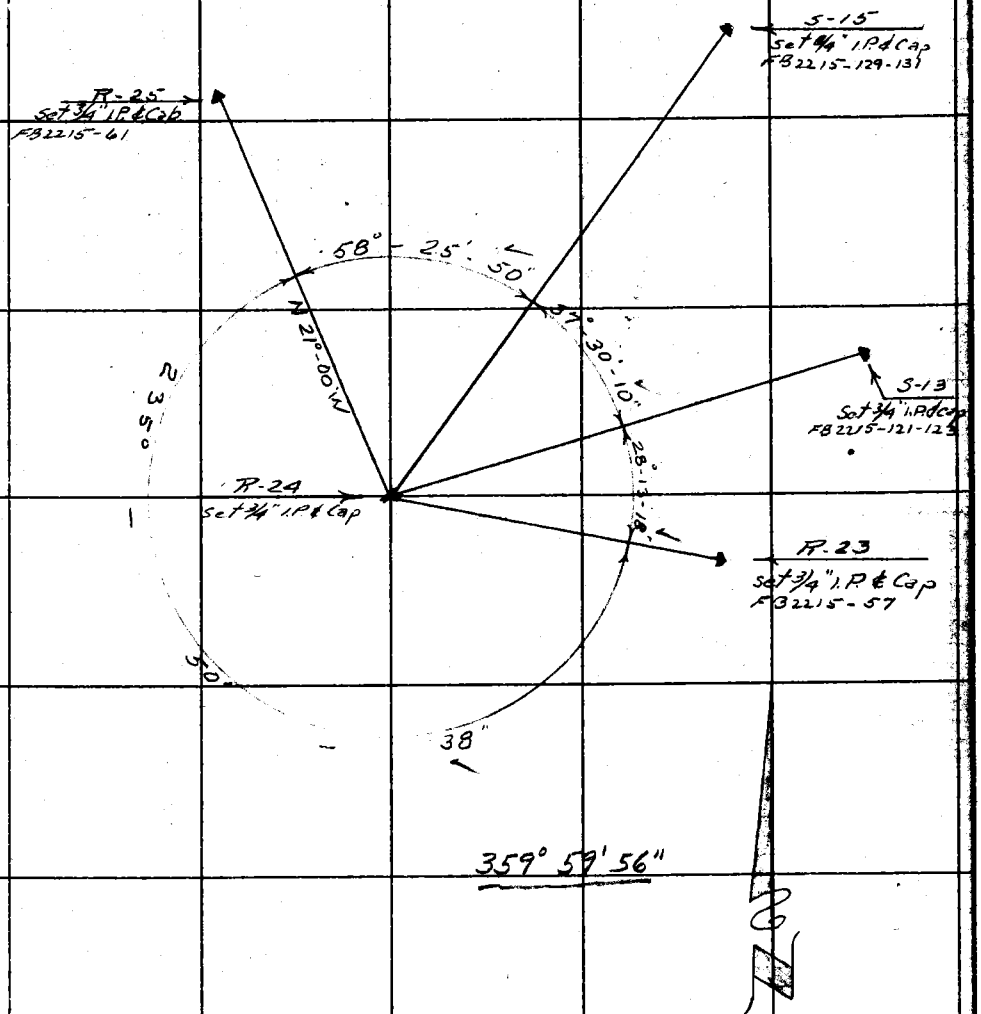
F.B. 2215 PG. 50

Notes Ck'd by Miller	Survey of Dume Cn. Rd.
Map No.	W. O. 6079.15 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date
Date	Indexed E. C. Johnson

F. B. 2215 Pg. 59

R-24

R-24 - Set 3/4" I.P. & Cap on N slope of spur 9760± from saddle that separates Dume & Newton Cn's at end of "P" line from North. 800'± W out of Cn bottom



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-24 FB 2215 Pg 59 HI = 9.62 Elevation = 1312.32

Sight on	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
R-25	-5.00	+ 10-08-00 + 10-07-40 + 10-07-50	701.762 .1786774	+ 125.389		+125.009	+125.00	1437.32
S-15	-5.00	+ 2-55-20 + 2-55-00 + 2-55-10	1815.470 .0509981	+ 92.586		+92.206	+92.26	1404.58
S-13	-5.00	+ 2-49-20 + 2-49-00 + 2-49-10	2059.329 .0492484	+ 101.419		+101.039	+101.06	1413.38
R-23	-5.00	- 1-20-20 - 1-20-40 - 1-20-30	425.397 .0234208	- 9.963		- 10.343	-10.30	1302.02

R-25 to S-15	S-15 to S-13	S-13 to R-23	R-23 to R-25
2) 116-51-40	2) 75-00-20	2) 56-26-30	2) 111-41-20
4) 233-43-20	4) 150-00-40	4) 112-53-10	4) 223-22-40
6) 350-35-00	6) 225-01-00	6) 169-19-50	6) 335-03-50
58-25-50 ✓	37-30-10 ✓	28-13-18 ✓	235-50-38 ✓

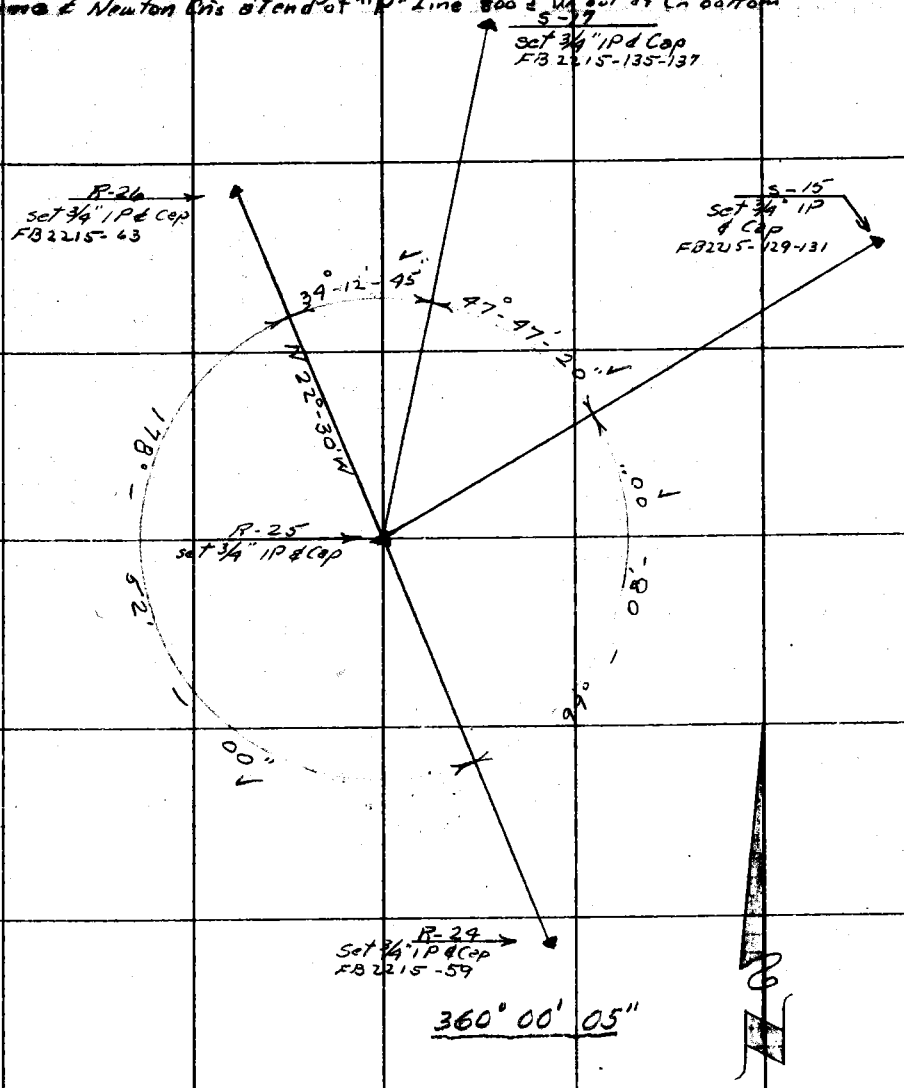
F.B. 2215 PG. 60

Notes Ck'd by Miller	Survey of Dume Cn Rd.
Map No.	W. O. 0074-02 Tape No. St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-21-55
Date	Indexed K. C. Johnson

F.B. 2215 Pg. 61

R-25

R-25 Set 3/4" I.P. & Cap Top Long Spur 4100'± From saddle that seperates Dume & Newton Cns at end of "P" Line 800'± W. out of Cn bottom



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-25 F.B. 2215 Pg 61 H.I. = 4.84 Elevation = 1437.32

Sight On	- Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Elevation	
R-26	-5.00	-1-25-20 -1-25-40 -1-25-30	602.018 .0248 761	-14.976		-15.136	-15.12	1422.20
S-17	-5.00	-0-05-00 -0-04-40 -0-04-50	1793.223 .0014 060	-2.521		-2.681	-2.26	1435.06
S-15	-5.00	-1-11-40 -1-11-20 -1-11-30	1566.753 .0208 015	-32.591		-32.751	-32.74	1404.58
R-24	-5.00	-10-05-20 -10-05-00 -10-05-10	701.762 .1778 770	-124.827		-124.987	-125.00	1312.32

R-26 to S-17	S-17 To S-15	S-15 To R-24	R24 To R-26
2) 68-25-20	2) 95-34-40	2) 198-16-00	2) 357-44-10
4) 136-51-00	4) 191-09-20	4) 36-32-00	4) 355-28-00
6) 205-16-30	6) 286-44-00	6) 234-48-00	6) 353-12-00
34-12-45	47-47-20 ✓	99-08-00	178-52-00 ✓

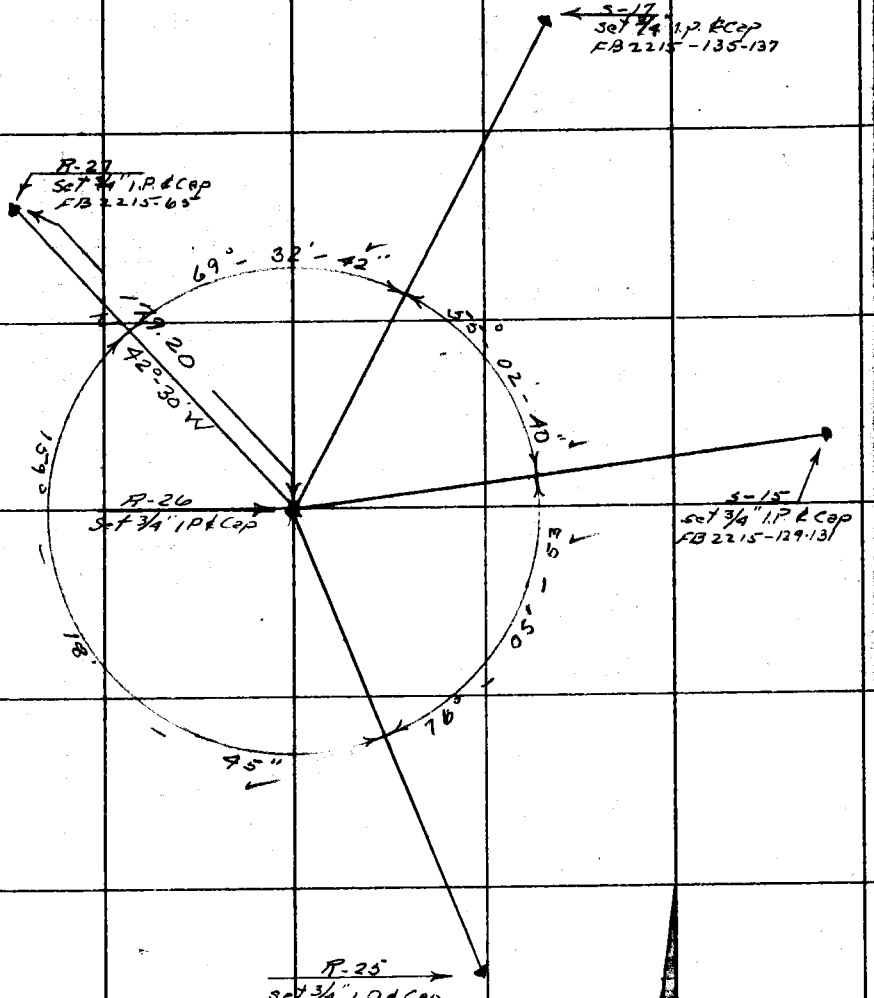
F.B. 2215 Pg. 62

Notes Ck'd by Miller	Survey of Dume Cn. Rd.
Map No.	W. O. 8074.42 Tape No. St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-21-56
Date	Indexed R. C. Johnson

F. B. 2215 Pg. 63

R-26

R-26 Set 3/4" I.P. & Cap on S.E. slope large Spur 3500' ± from saddle that separates Dume & Newton Cns. at end of "P" line from North. 700' ± West of Cn bottom



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-26 F.B. 2215 P. 63 H.I. = 4.78 Elev = 1422.20

Sight on	-Rod	+Vertical Angle	Horizontal Distance	+Vertical -Distance	+Curvature Correction	+Difference -Elevation	Adjusted Elevation	
R-27	-5.00	+ 8-22-20 + 8-22-20 + 8-22-20	.1471 718 179.20	+ 26.373		+ 26.153	+26.15	1448.35
S-17	-5.00	+ 0-33-00 + 0-33-20 + 0-33-10	1338.875 ✓ .0096 481 ✓	+ 12.918 ✓		+ 12.698	+12.86	1435.06
S-15	-5.00	- 0-38-20 - 0-38-20 - 0-38-20	1598.327 .0111 512	- 17.823		- 18.043	-17.62	1404.58
R-25	-5.00	+ 1-27-00 + 1-27-20 + 1-27-10	602.018 .0253 612	+ 15.268		+ 15.048	+15.12	1437.32

R-27 to S-17	S-17 to S-15	S-15 to R-25	R-25 to R-27
2) 139-05-30	2) 110-05-20	2) 152-11-50	2) 318-37-40
4) 278-11-00	4) 220-10-40	4) 304-23-40	4) 277-15-10
6) 57-16-10	6) 330-16-00	6) 96-35-20	6) 235-52-30
69-32-42 ✓	55-02-40 ✓	76-05-53 ✓	159-18-45 ✓

F.B. 2215 Pg. 64

Notes Ck'd by Miller	Survey of Dume Cn. Rd.
Map No.	W. O. 0074-4 Tape No. St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-21-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 65

208.49 @ 6°35' T=60° = 207.09 ✓

R-29
Set 3/4" IP & Cap
N Slope large Spur
FB 2216-67

207.09

R-28
set 3/4 IP & Cap
N.E Slope Large Spur

141°

24'

13"

141.54 ✓

N 59° 30' W

61.61 @ L=r T=60° = 61.60 ✓
80.60 @ 7°17' T=60° = 79.94 ✓
141.54 ✓

162°

52°

38"

R-27
set 3/4" IP & Cap
E Slope Large Spur

179.20 ✓

181.13 @ 8°18' T=60° = 179.20 ✓

R-26
set 3/4" IP & Cap
S.E. Slope large Spur
FB 2215-63

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

Do not attach notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3085 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-27 F.B. 2215 Pg # 65 H.I. - 5.04 Elevation = 1448.35

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature correction	+ Difference - Elevation	Adjusted Diff Elevation	
R-28	-9.00	+6-17-40 +6-18-00 +6-17-50	.1103520 141.54	+15.619		+11.659	+11.66	1460.01
R-26	-5.00	-8-19-20 -8-19-00 8-19-10	179.20 .1462308	-26.204		-26.164	-26.15	1422.20
		R26 to R-28 2) 325-45-20 4) 291-30-40 6) 257-15-50 162-52-38 ✓						

Transit at Station R-28 F.B. 2215 Pg # 65 H.I. 4.99 Elevation = 1460.01

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature correction	+ Difference - Elevation	Adjusted Diff Elevation	
R-29	-5.00	+6-56-40 +6-57-00 +6-56-50	.1218496 207.09	+25.234		+25.224	+25.25	1485.26
R-27	-8.00	-3-30-00 -3-29-40 -3-29-50	.0611140 141.54	-8.650		-11.660	-11.66	1448.35
		R-27 To R29 2) 282-48-30 4) 205-37-00 6) 128-25-20 141° 24' 13" ✓						

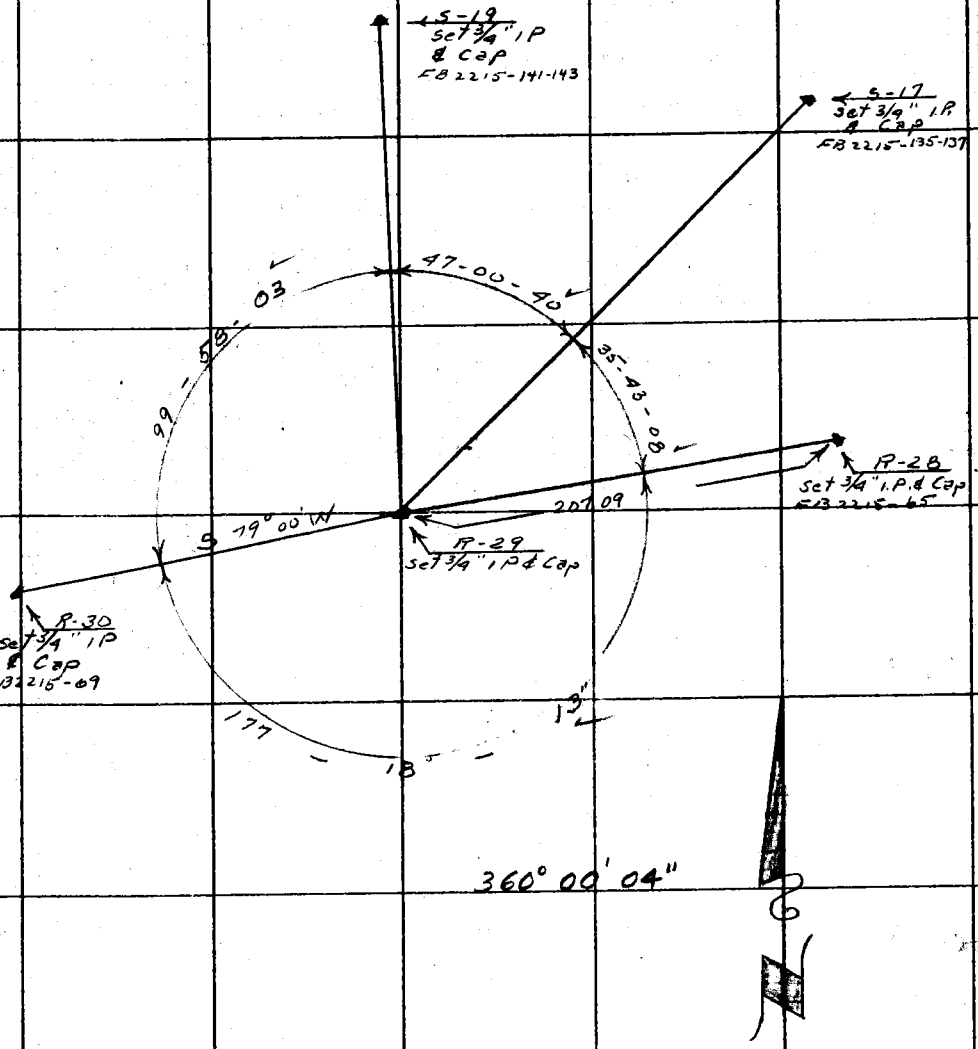
F.B. 2215 Pg. 66

Notes Ck'd by Miller	Survey of Dunne Cn Rd
Map No.	W. O. 00M/15 Tape No. 135 3rd. 84 °F
Office Work	Surveyed by R.C. Dale & W. Smith
Checked	Notes R.C. Dale Date 10-20-55
Date	Indexed R. C. Johnson

F.B. 2215 Pg. 67

R-29

R-29 set 3/4" IP & Cap on N slope of large Nsec. 3000' ± from saddle that separate Dunne & Newton Cns at end of "P" line from North. 600' ± W of of Cn bottom.



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 attend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-29 FB 2215 Pg# 67 HI = 4.82 Elevation = 1435.06

Sight on	-Rod	+Vertical - Angle	Horizontal Distance	+Vertical - Distance	+Curvature correction	+Difference - Elevation	Adjusted Dif Elevation	
R-30	-5.00	+6-51-00 +6-51-20 +6-51-10	386.277 .1201 771	+ 46.422		+46.242	+46.24	1531.50
S-19	-5.00	+1-20-20 +1-20-40 +1-20-30	1751.593 .0234 208	+41.024		+40.844	+40.85	1526.11
S-17	-5.00	-1-57-00 -1-57-00 -1-57-00	1467.683 .0340 471	- 49.970		-50.150	-50.20	1435.06
R-28	-5.00	-6-54-20 -6-54-40 -6-54-30	.1211609 207.09	- 25.091		- 25.271	-25.25	1460.01

R-30 to S-19	S-19 to S-17	S-17 to R-28	R-28 to R-30
2) 199-56-10	2) 94-01-20	2) 71-26-20	2) 354-36-30
4) 39-52-10	4) 188-02-40	4) 142-52-30	4) 349-13-00
6) 239-48-20	6) 282-04-00	6) 214-18-50	6) 343-49-20
99-58-03 ✓	47-00-40 ✓	35-43-08 ✓	177-18-13 ✓

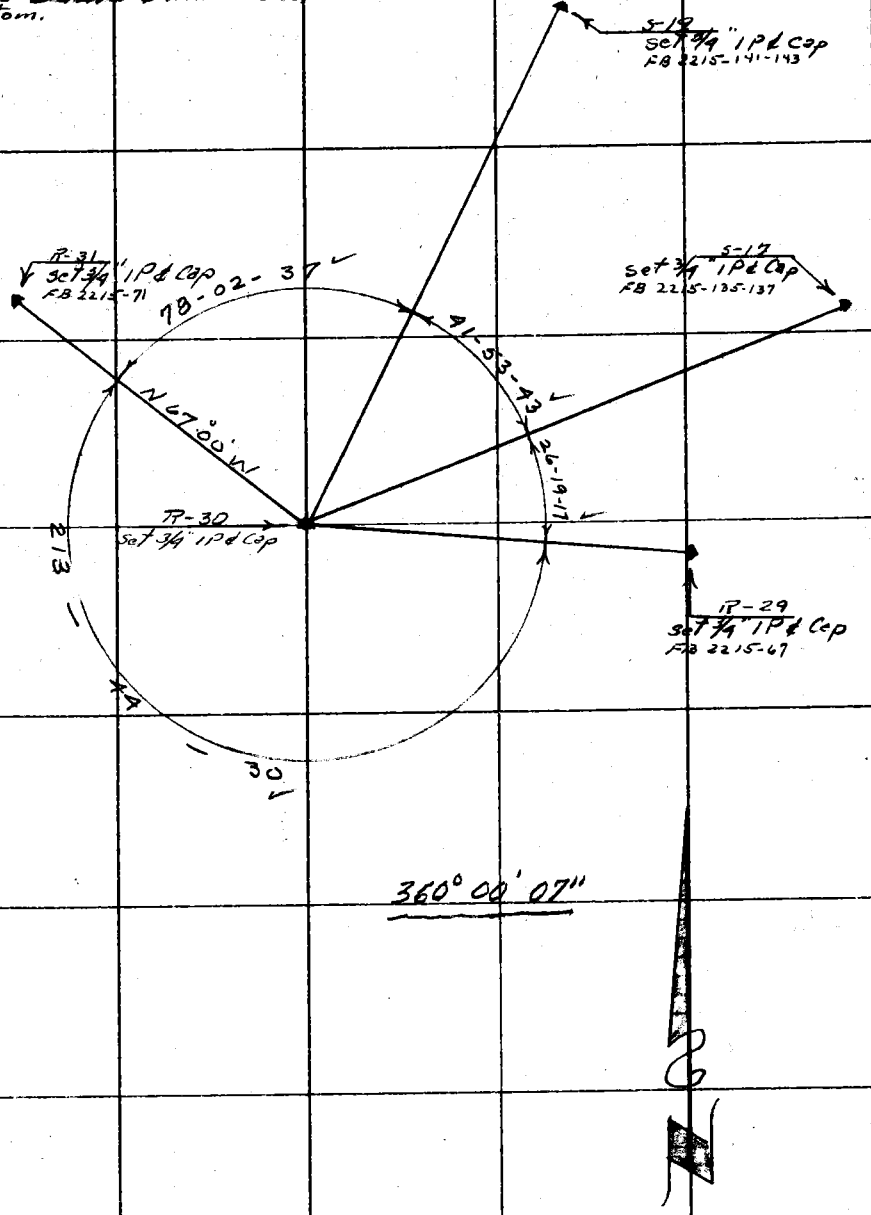
F.B. 2215 PG. 68

Notes Ck'd by Miller	Survey of Dume Cn. Rd.
Map No.	W. O. 5074.15 Tape No. 135 Std. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-18-66
Date	Indexed C. Johnson

F.B. 2215 Pg. 69

R-30

R-30 set 3/4" IP & cap on N slope large nose 2900' ± from saddle that separates Dume & Newton cns. extend of "P" line from North 900' ± S.W. out of Cn. bottom.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-30 FB 2215 Pg 69 H.I. = 4.63 Elevation: 1537.50

Sight On	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
R-31	-5.00	-0-29-20 -0-29-20 -0-29-20	517.854 .0085329	-4.42		-4.789	-4.03	1535.53
S-19	-5.00	+0-10-00 +0-10-00 +0-10-00	1857.820 .0029089	+5.404		+5.034	+5.39	1526.11
S-17	-5.00	-3-03-20 -3-03-40 -3-03-30	1803.887 .0534287	-96.379		-96.749	-96.44	1435.06
R-29	-5.00	-6-46-20 -6-46-20 -6-46-20	386.277 .1167511	-45.871		-46.241	-46.24	1485.26

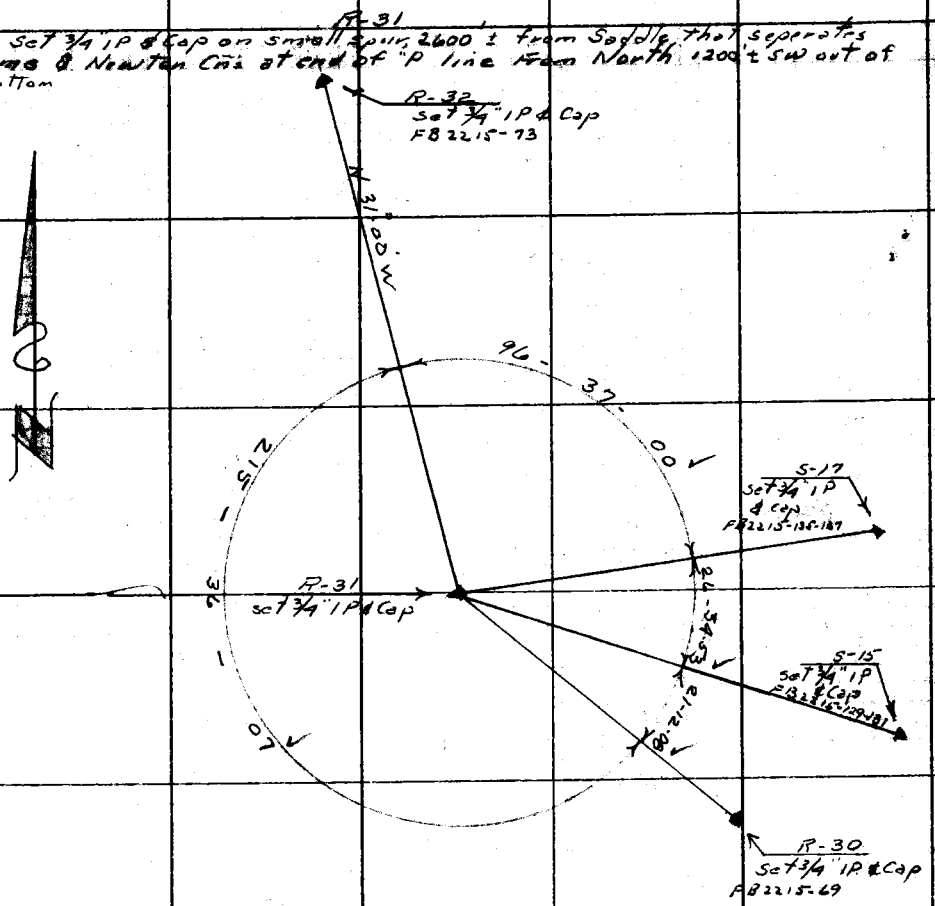
R-31 to S-19	S-19 to S-17	S-17 to R-29	R-29 to R-31
2) 156-05-20	2) 83-47-40	2) 52-38-40	2) 67-29-00
4) 312-10-40	4) 167-35-00	4) 105-17-00	4) 134-58-00
6) 108-15-40	6) 251-22-20	6) 157-55-40	6) 202-27-00
78-02-37	41-53-43	26-19-17	213-44-30

F.B. 2215 Pg. 70

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 1-5 Tape No. 1-5 Sr'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-19-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 71

R-31 Set 3/4" IP & Cap on small knoll 2600 ± from Saddle that seperates Dume & Newton Cns at end of "P" line from North 1200 ± SW out of Cn bottom



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-31 F.B. 2215 Pg 71 HI = 4.60 Elevation = 1535.53

Sight on	- Rod	+ Vertical / - Angle	Horizontal Distance	+ Vertical / - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
R-30	-5.00	- 0 - 24 - 40 - 0 - 24 - 20 - 0 - 24 - 30	517.854 .0071269 ✓	- 3.691		- 4.091	- 4.03	1531.50
S-15	-5.00	- 2 - 36 - 00 - 2 - 35 - 40 - 2 - 35 - 50	2889.093 .0453612	- 131.053		- 131.453	- 130.95	1404.58
S-17	-5.00	- 2 - 43 - 40 - 2 - 43 - 20 - 2 - 43 - 30	2110.675 .0475961	- 100.460		- 100.860	- 100.47	1435.06
R-32	-5.00	+ 12 - 07 - 20 + 12 - 07 - 40 + 12 - 07 - 30	699.459 .2148379	+ 150.270		+ 149.870	+ 149.90	1685.43

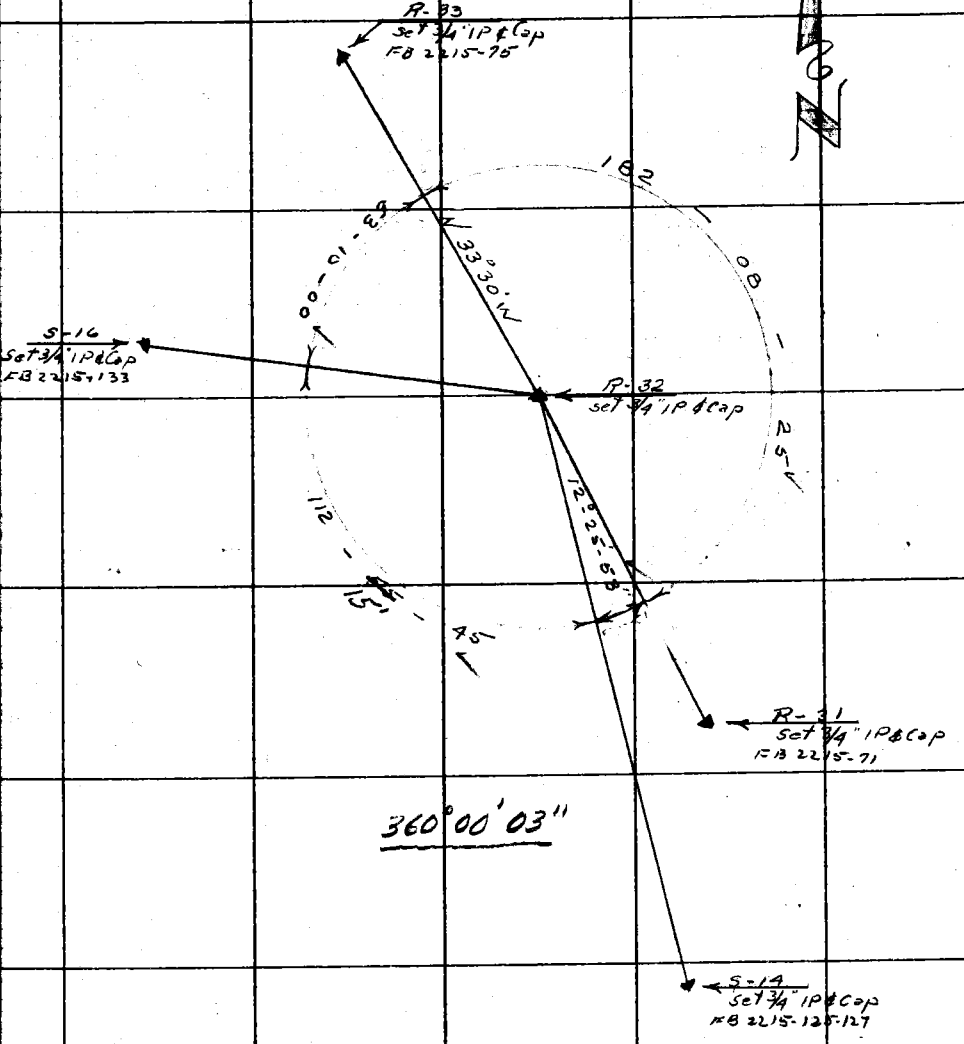
R-32 To S-17	S-17 To S-15	S-15 To R-30	R-30 To R32
2) 193 - 14 - 00	2) 53 - 09 - 50	2) 42 - 24 - 20	2) 71 - 12 - 00
4) 26 - 28 - 00	4) 106 - 19 - 20	4) 84 - 48 - 30	4) 142 - 24 - 20
6) 219 - 42 - 00	6) 159 - 29 - 20	6) 127 - 12 - 50	6) 213 - 36 - 40
96 - 37 - 00 ✓	26 - 34 - 53 ✓	21 - 12 - 08 ✓	215 - 36 - 07 ✓

F.B. 2215 Pg. 72

Notes Ck'd by Miller	Survey of Dume Cn. Rd
Map No.	W.O. 2215 Tape No. 135 Sr'd. 84 °F
Office Work	Surveyed by R.C. Dake & L.V. Smith
Checked	Notes R.C. Dake Date 10-18-55
Date	Indexed L. C. Johnson

F.B. 2215 Pg. 93

R-32 set 3/4" IP & Cap on large Spur 1950'± from saddle that separates Dume & Newton Cns. at end of "P" line from North 800'± w of Cn bottom.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3069 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-32 FB 2215 Pg# 73 HI = 4.62 Elev = 1685.43

Sight on	Rod	+ Vertical / - Angle	Horizontal Distance	+ Vertical / - Distance	+ Curvature Correction	+ Difference / - Elevation	Adjusted Diff. Elevation	
R-31	-5.00	-12-04-20 -12-04-00 -12-04-10	699.459 .2138237	-149.561		-149.941	-149.90	1535.53
S-14	-5.00	+5-06-20 +5-06-20 +5-06-20	1595.816 .0893454	+142.579		+142.199	+142.00	1827.43
S-16	-5.00	+20-14-40 +20-14-40 +20-14-40	640.771 .3688093	+236.322		+235.942	+235.93	1921.36
R-33	-5.00	-4-35-40 -4-35-40 -4-35-40	337.166 .0803605	-27.095		-27.475	-27.47	1657.96

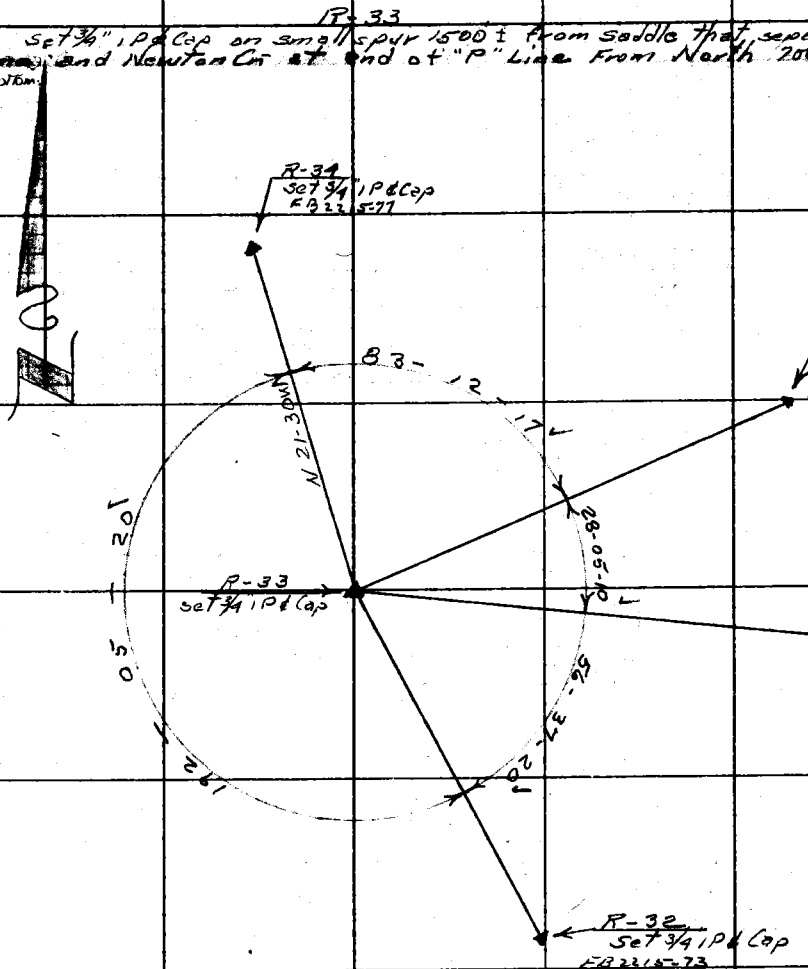
R-31 to S-14	S-14 to S-16	S-16 to R33	R-33 to R-31
2) 24-52-00	2) 224-31-30	2) 106-19-50	2) 364-16-50
4) 49-43-40	4) 89-03-00	4) 212-39-50	4) 368-33-40
6) 74-35-20	6) 313-34-30	6) 319-00-00	6) 372-50-30
12-25-53	112-15-45	53-10-00	182-08-25

F.B. 2215 PG. 74

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	202.15 W. of Tape No. 135 Sr'd. 84 °F
Office Work	Surveyed by P.C. Dake & L.V. Smith
Checked	Notes P.C. Dake Date
Date	Indexed C. Johnson

F.B. 2215 Pg. 75

R-33 Set 3/4" IP & Cap on small spur 1500'± from saddle that seperates Dume and Newton Cn at end of "P" Line from North 200'± West of Cn bottom.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-33 F.B. 2215 Pg# 75 H.I. = 4.44 Elevation = 1657.96

Sight On	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
R-32	-5.00	+4-45-00 +4-45-00 +4-45-00	337.166 .0830936	+28.016		+27.456	+27.47	1685.03
S-17	-5.00	-5-09-20 -5-09-00 -5-09-10	2466.927 .0901762	-222.458		-223.018	-222.90	1435.06
S-19	-5.00	-4-47-00 -4-46-40 -4-46-50	1570.252 .0836306	-131.321		-131.881	-131.85	1526.11
R-34	-5.00	+1-01-20 +1-01-40 +1-01-30	515.541 .0178915	+9.224		+8.664	+8.85	1666.81

R-32 to S-17	S-17 to S-19	S-19 to R-34	R-34 to R32
2) 113-14-40	2) 56-10-20	2) 166-24-40	2) 24-10-50
4) 226-29-30	4) 112-20-50	4) 332-49-20	4) 48-21-20
6) 339-44-00	6) 168-31-00	6) 139-13-40	6) 72-32-00
56-37-20	28-05-10	83-12-17	192-05-20

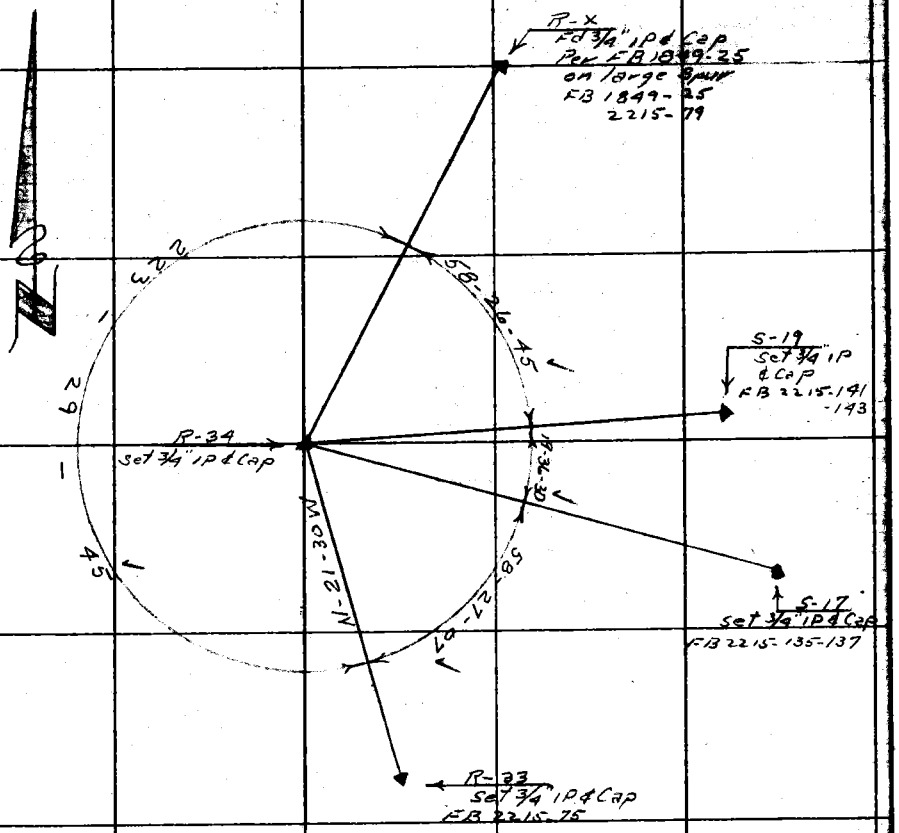
F.B. 2215 Pg. 76

Notes Ck'd by Miller	Survey of Dume Cn Rd.
Map No.	W. O. 0074-415 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date
Date	Indexed C. Johnson

F. B. 2215 Pg. 77

R-34

R-34 set 3/4" IP & Cap on Small spur 100'± From Saddle that seperates Dume & Newton Cn at end of "P" line from the North. 250'± w out of Cn bottom



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-34 FB. 2215 R# 77 H.I = 4.38 Elevation = 1666.81

Sight on	-Rod	+ Vertical / - Angle	Horizontal Distance	+ Vertical / - Distance	Curvature Correction	+ Differance / - Elevation	Adjusted Diff Elevation	
R-33	-5.00	-0-58-20 -0-58-00 -0-58-10	515.541 .0169216	-8.724'		-8.854'	-8.85	1657.96
S-19	-5.00	-5-02-40 -5-02-40 -5-02-40	1593.699 .0882704	-140.676		-140.806	-140.70	1526.11
S-17	-5.00	-4-55-20 -4-55-00 -4-55-10	2697.236 .0860721	-232.157		-232.287	-231.75	1435.06
RX	-5.00	+4-40-00 +4-39-40 +4-39-50	462.959 .0815805	+37.77		+37.64	+37.64	1704.45

RX to S-19	S-19 to S-17	S-17 to R-33	R-33 to RX
2) 116-53-30	2) 39-13-00	2) 116-54-30	2) 86-59-40
4) 233-47-00	4) 78-26-00	4) 233-48-40	4) 173-59-10
6) 350-40-30	6) 117-39-00	6) 350-42-40	6) 260-58-30
58-26-45 ✓	19-36-30 ✓	58-27-07 ✓	223-29-45 ✓

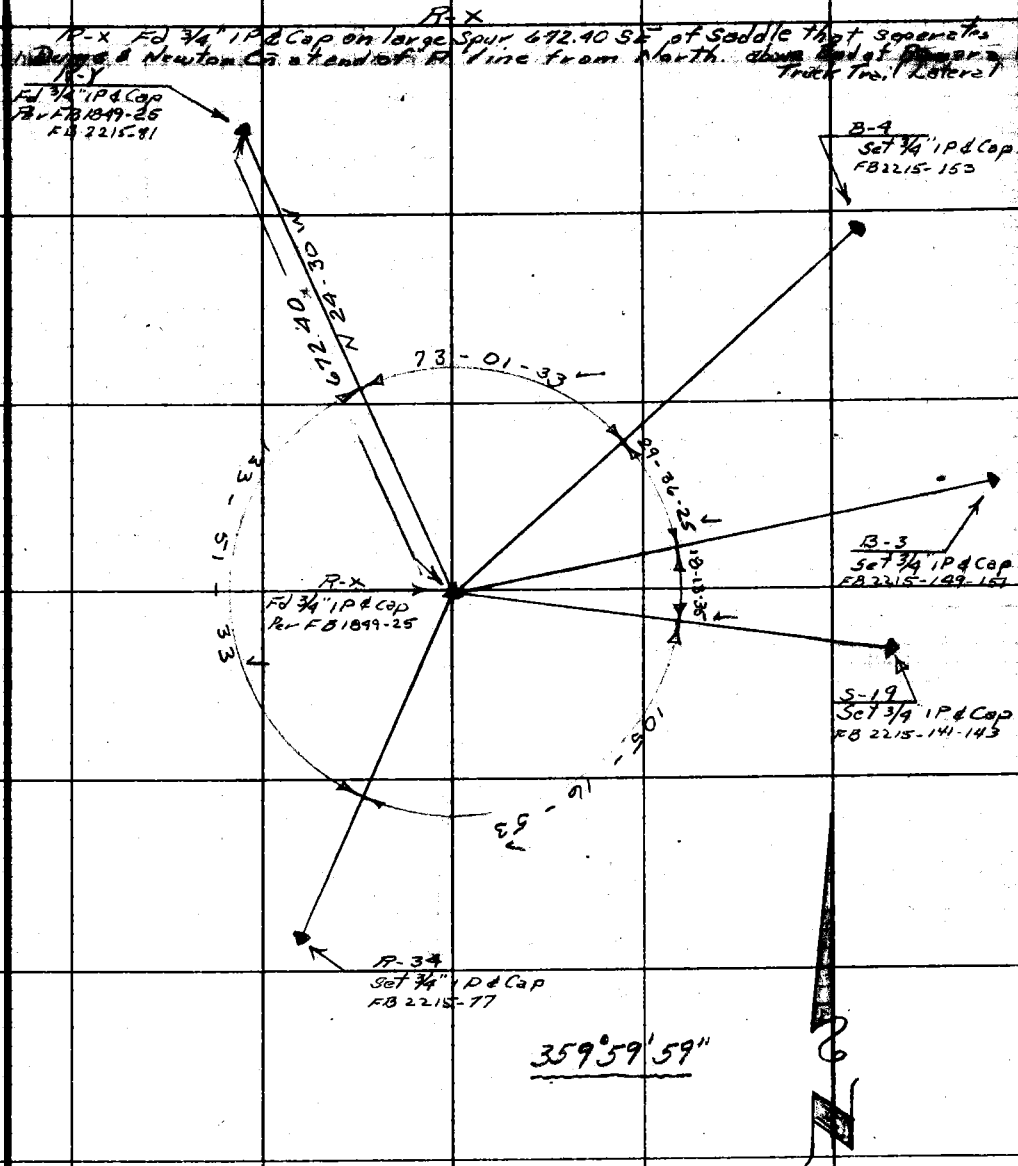
F.B. 2215 Pg. 78

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 87415 Tape No. 135 Std. 84 °F
Office Work	Surveyed by RC Dale & L V Smith
Checked	Notes R.C. Dale Date
Date	Indexed C. Johnson

F.B. 2215 Pg. 79

R-X

R-X Fd 3/4" IP & Cap on large Spur 672.40 SE of Saddle that separates Dume & Newton Cn. at end of R line from North. down Ridge from Trail Tre. / Lateral



359°59'59"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-X — F.B. 1849 Pg 25 — H.I. = 4.43 — 1704.45

Sight on	- Rod	+ Vertical / - Angle	Horizontal Distance	+ Vertical / - Distance	+ Curvature / Correction	+ Difference / - Elevation	Adjusted Diff. Elevation	
R-34	-5.00	-4-34-40 -4-34-40 -4-34-40	462.959' .0800677	-37.068	-37.638		-37.64	1666.81
S-19	-5.00	-7-11-40 -7-11-40 -7-11-40	1407.729 .1262309	-177.699	-178.269		-178.34	1526.11
B-3	-5.00	+2-13-00 +2-13-20 +2-13-10	2436.005 .0387560	+94.410	+93.840		+93.76	1798.21
B-4	-9.00	+4-44-00 +4-44-20 +4-44-10	1938.284 .0828495	+160.586	+156.02		+156.18	1860.63

R-Y To B4	B4 To B-3	B-3 to S-19	S-19 To R-34	R-34 To R-Y
2) 146-03-10	2) 59-12-50	2) 36-27-00	2) 210-34-00	2) 267-43-00
4) 292-06-20	4) 118-25-40	4) 72-54-20	4) 61-07-40	4) 175-26-20
6) 78-09-20	6) 177-38-30	6) 109-21-30	6) 271-41-20	6) 83-09-20
73-01-33	29-36-25	18-13-35	105-16-53	133-51-33

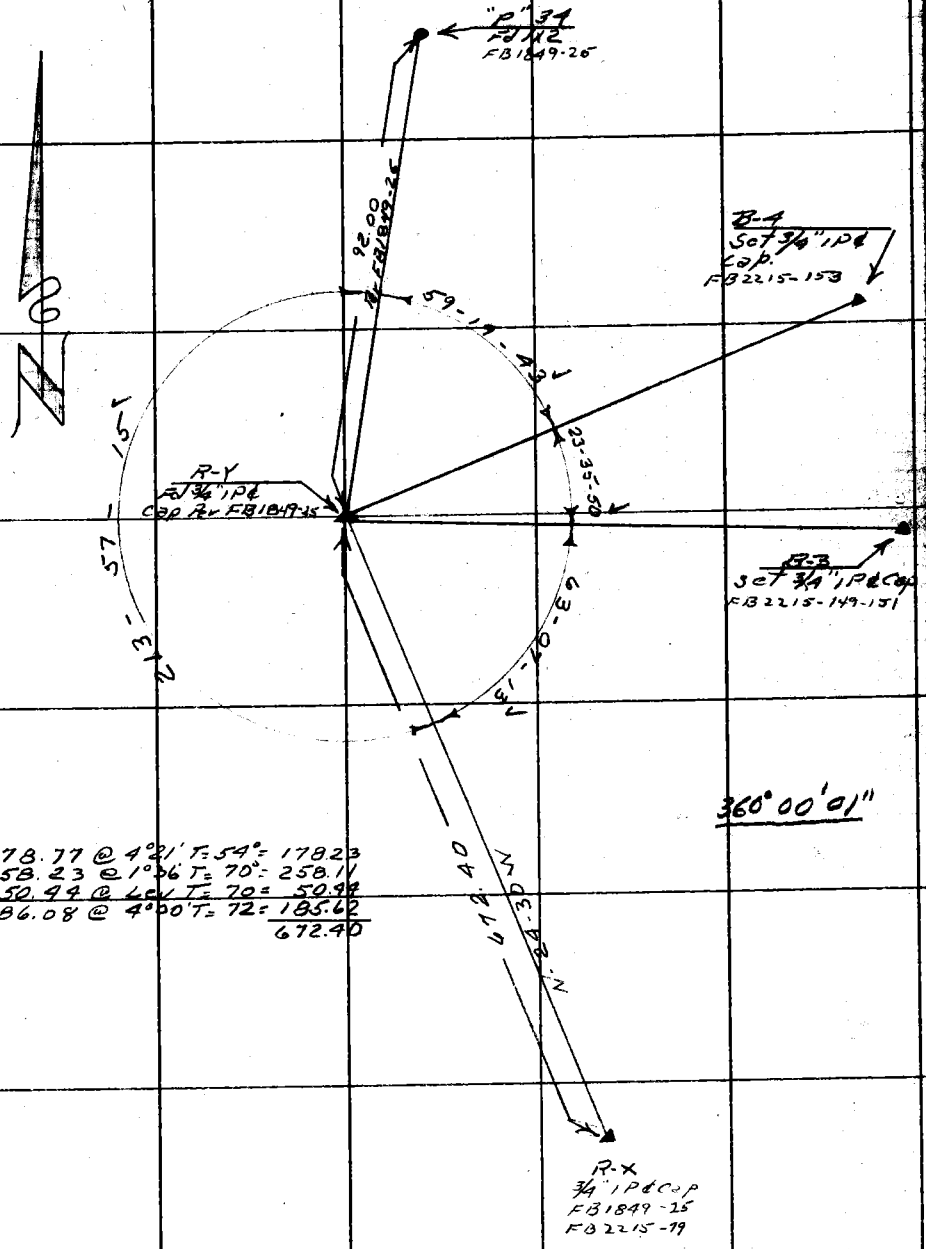
F.B. 1215 PG. 80

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 74/18 Tape No. 135 Sh'd 84 of
Office Work	Surveyed by R.C. Dale & L.K. Smith
Checked	Notes R.C. Dale Date 10-17-55
Date	Indexed J. C. Johnson

F.B. 2215 Pg. 91

R-Y = P#35

R-Y = P#35 Fd 3/4" I.P. & Cap, in saddle that seperates Dume & Newton Cn End of "P" line from North.



178.77 @ 4°21' T=54°= 178.23
258.23 @ 1°56' T= 70°= 258.11
50.44 @ Lev T= 70= 50.44
186.08 @ 4°00' T= 72= 185.62
672.40

Notes: 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 unfold notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station R-Y: P35 FB 1849 Pg # 25 H.I. = 4.70 Elevation 1719.15

Sight on	- Rod	+ Vertical Angle	Horizontal Distance	+ Vertical - Distance	Curvature Correction	+ Difference - Elevation	Adjusted Elevation	
B-4	-9.00	+ 4-29-00 + 4-29-00 + 4-29-00	1856.835 .0784 090	+ 145.593		+141.293	+141.48	1860.63
B-3	-5.00	+ 1-42-20 + 1-42-20 + 1-42-20	2663.004 .0237 764	+ 79.354		+79.054	+79.06	1798.21

P34 To B-4	B-4 To B-3	B-3 To R-X	R-X To P34
2) 118-39-30	2) 47-11-40	2) 126-14-40	2) 67-54-30
4) 237-19-00	4) 94- 3-20	4) 252-29-00	4) 135-49-00
6) 355-58-20	6) 141-35-00	6) 18-43-20	6) 203-43-30
59-19-43 ✓	23-35-50 ✓	63-07-13 ✓	213-57-15 ✓

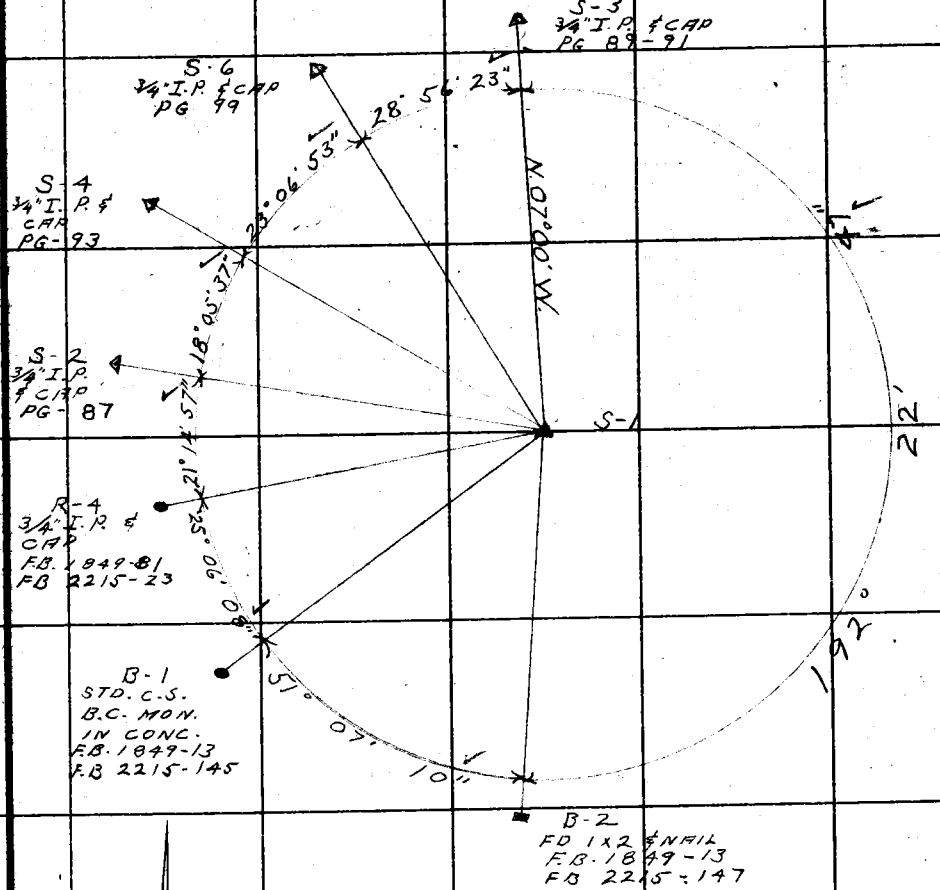
F.B. 2215 PG. 82

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 2031.15 Tape No. Sr'd. of
Office Work	Surveyed by L.Y. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 10-31-55
Date	Indexed K. C. Johnson

F.B. 2215 Pg. 83

S-1

SET 3/4" I.P. & CAP STAMPED S-1 ON A RIDGE 600'± E. OF BOTTOM OF RAMERA CANYON & 600± N OF N. LINE OF RANCHO TORANGA-MALIBU-SEQUIT. PIPE UP 1"



359° 59' 55"

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

Do not extend lines this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

78F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-1 F.B. 2215 PG. 83 N.T. 4.92 Elevation = 746.52

SIGHT ON	-R00	+VERTICAL - ANGLES	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	ELEV.
S-2	-1.00	+8° 20' 00 +8° 20' 00 +8° 20' 00	2651.031 .1464784	+388.319		+392.239	+392.38	1138.90
S-4	-2.00	+9° 28' 20 +9 28 00 +9° 28' 10"	2829.235 .1667944	+471.901		+474.821	+474.80	1221.32
S-6	-4.00	+9° 04' 40" +9 04 40 +9° 04' 40"	3800.038 .1597763	+607.156		+608.076	+608.44	1354.96
S-3	-3.00	+8° 14' 40" +8° 14' 20" +8° 14' 30"	2015.460 .1448446	+291.928		+293.848	+293.90	1040.42
B-1	-5.00	-11° 38' 00" -11 38 00 -11° 38' 00"	1534.009 .2058769	-313.817		-315.837	-316.01	430.51
B-2	-5.00	-15° 41' 40" -15 42 00 -15° 41' 50"	952.972 .2810350	-267.818		-267.898	-267.93	478.59

S-3 TO B-2
2) 24° 45' 40"
4) 49 31 20 ✓
6) 74 16 40
192° 22' 47"

B-2 TO B-1
2) 102° 14' 00"
4) 204 28 40 ✓
6) 306 43 00
51° 07' 10"

B-1 TO R-4
2) 50° 12' 00
4) 100 24 20 ✓
6) 150 36 50
25° 06' 08"

R-4 TO S-2
2) 42° 29' 40"
4) 84 59 40 ✓
6) 127 29 40
21° 14' 57"

S-2 TO S-4
2) 36° 10' 40"
4) 72 22 20 ✓
6) 108 33 40
18° 05' 37"

S-4 TO S-6
2 46° 13' 20"
4) 92 27 20 ✓
6) 138 41 20
23° 06' 53"

S-6 TO S-3
2) 57° 52' 40"
4) 115° 45 40 ✓
6) 173 38 20
28° 56' 23"

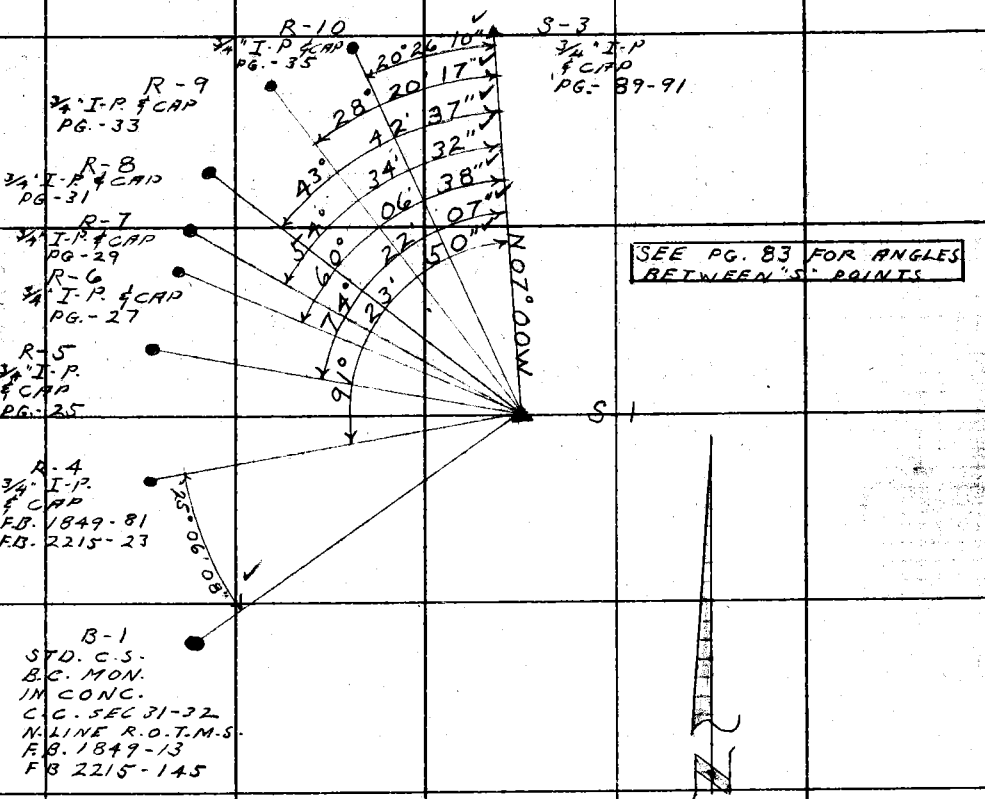
2215 PG. 84

Notes Ck'd by Miller	Survey of DUME CN. RD
Map No.	W. O. 00 3415 Tape No. St'd. °F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 10-31-55
Date	Indexed E. C. Johnson

F.B. 2215 Pg. 85

S-1

SET 3/4" I.P. & CAP STAMPED S-1 ON A RIDGE 600'± E. OF BOTTOM OF RAMERA CANYON & 600'± N. OF N. LINE OF RANCHO TOPANGA-MALIBU-SEQUIT. PIPE UP 1"



SEE PG. 83 FOR ANGLES BETWEEN "S" POINTS

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

Do not attach notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-1 F.B. 2215 PG. 83-85 H. I. 4.92 Elevation: 746.32

SIGHT ON	ROD	+ VERTICAL - ANGLES	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	+ CURVATURE CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
R-4	-10.00	-2° 38' 40" -2 39 00 -2° 38' 50"	1532.182 .0462357	-70.842		-75.922	-75.87	670.65
R-5	-10.00	-3° 25' 40" -3° 26' 00 -3° 25' 50"	1349.617 .0599461	-80.904		-85.984	-85.91	660.61
R-6	-10.00	-0° 26' 00 -0° 26' 00 -0° 26' 00	1673.768 .0075632	-12.205		-17.285	-17.20	729.32
R-7	-10.00	-0° 00' 20" -0° 00' 20" -0° 00' 20"	1768.124 .0000970	-0.172		-5.252	-5.39	741.13
R-8	-1.00	+1° 18' 20" +1° 18' 20 +1° 18' 20"	2011.499 .0227902	+45.842		+49.762	+49.85	796.37
R-9	-1.00	+1° 57' 00 +1° 56' 40 +1° 56' 50"	2572.988 .0339985	+87.478		+91.398	+91.51	838.03
R-10	-1.00	+2° 28' 20" +2 28 00 +2° 28' 10"	3073.337 .0431266	+132.543		+136.463	+136.31	882.83

R-10 TO S-3
2) 40° 52' 00"
4) 81 44 20
6) 122 37 00
20° 26' 10" ✓

R-9 TO S-3
2) 56° 40' 20"
4) 113 21 00
6) 170 01 40
28° 20' 17" ✓

R-8 TO S-3
2) 87° 25' 00"
4) 174 50 20 ✓
6) 262 15 40
43° 42' 37"

R-7 TO S-3
2) 109° 09' 00
4) 218 18 00
6) 327 27 10
54° 34' 32" ✓

R-6 TO S-3
2) 120° 13' 00"
4) 240 26 20
6) 360 39 50
60° 06' 38" ✓

R-5 TO S-3
2) 148° 44' 00"
4) 297 28 20
6) 86 12 40
74° 22' 07" ✓

B-1 TO R-4
2) 50° 12' 00
4) 100 24 20
6) 150 36 50
25° 06' 08" ✓

R-4 TO S-3
2) 182° 47' 40"
4) 05 35 20
6) 188 23 00
91° 23' 50" ✓

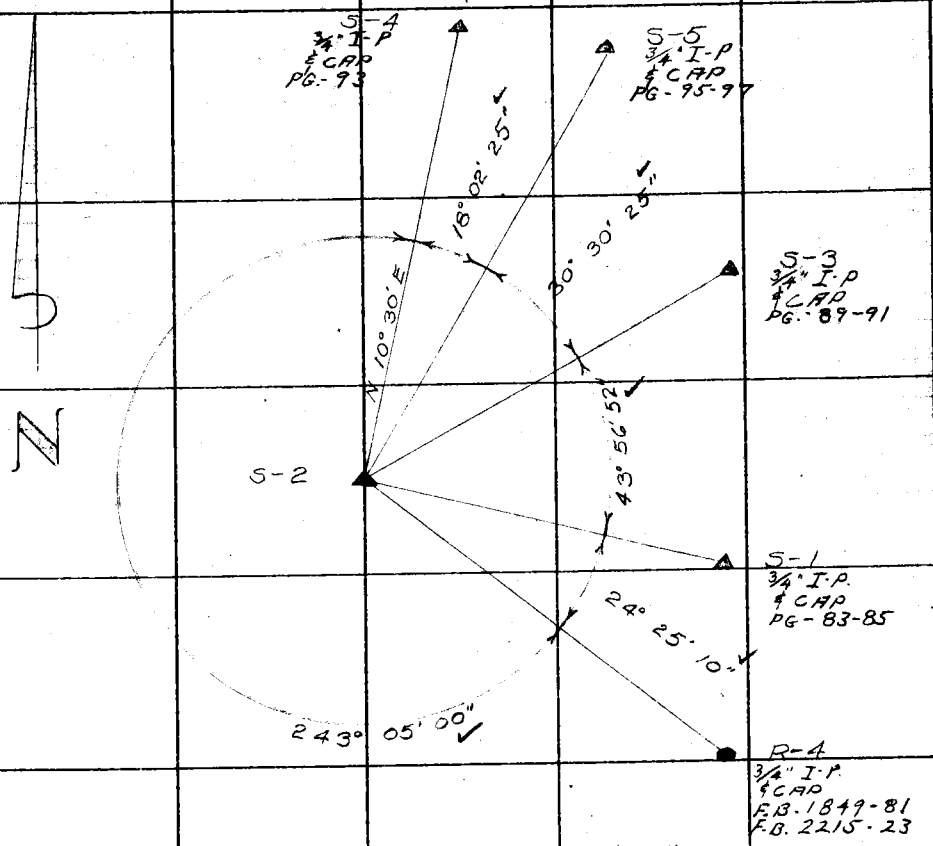
F.B. 2215 PG 86

Notes Ck'd by Miller	Survey of DUME CR. RD. 00 ±.16
Map No.	W. O. Tape No. St'd.
Office Work	Surveyed by L. V. SMITH & R.C. DALE
Checked	Notes C.V.C Date 10-13-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 87

S-2

SET 3/4" I.P. & CAP STAMPED S-2 ON A SMALL KNOLL ON A RIDGE 2000'± W. OF BOTTOM OF RAMERA CANYON & 500'± N. OF N. LINE OF THE RANCHO TOPANGA MALIBU SEQUIT.



359°59'52"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 6-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-2 F.B. 2215 PG. 87 HI 5.02' Elevation = 1138.98

SIGHT ON	ROD	VERTICAL ANGLE	HORIZONTAL DISTANCE	VERTICAL DISTANCE	CORRECTION	DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	ELEVATION
S-4	-1.00	+ 5° 05' 40" + 5 05 20 + 5° 05' 30"	879.516 .0891010	+ 78.366		+82.386	+82.42	1221.38
S-5	-9.00	- 0° 28' 20" - 0° 28 00 - 0° 28' 10"	3656.424 .0081935	- 29.959		- 33.939	-33.43	1105.47
S-3	-9.00	- 1° 59' 20" - 1° 59 00 - 1° 59' 10"	2731.543 .0346781	- 94.725		- 98.705	-98.48	1040.42
S-1	-9.00	- 8° 20' 00" - 8 20 00 - 8° 20' 00"	2651.031 .1464784	- 388.319		-392.299	-392.38	746.52
R-4	-9.00	-19° 04' 20" -19 04 00 -19° 04' 10"	1343.18 .3436839	- 464.32		- 468.30	-468.25	670.65

S-4 to S-5

2) 36° 04' 40"
4) 72 09 20
6) 108 14 00
18° 02' 25" ✓

S-5 to S-3

2) 61° 00' 40"
4) 122 01 20
6) 183 02 00
30° 30' 25" ✓

S-3 to S-1

2) 87 59' 40"
4) 175 59 20
6) 263 59 00
-43° 59' 52" ✓

S-1 to R-4

2) 48° 50' 20"
4) 97 40 20
6) 146 31 00
24° 25' 10" ✓

R-4 to S-4

2) 126° 00' 00"
4) 252 00 00
6) 18 00 00
243° 00' 00" ✓

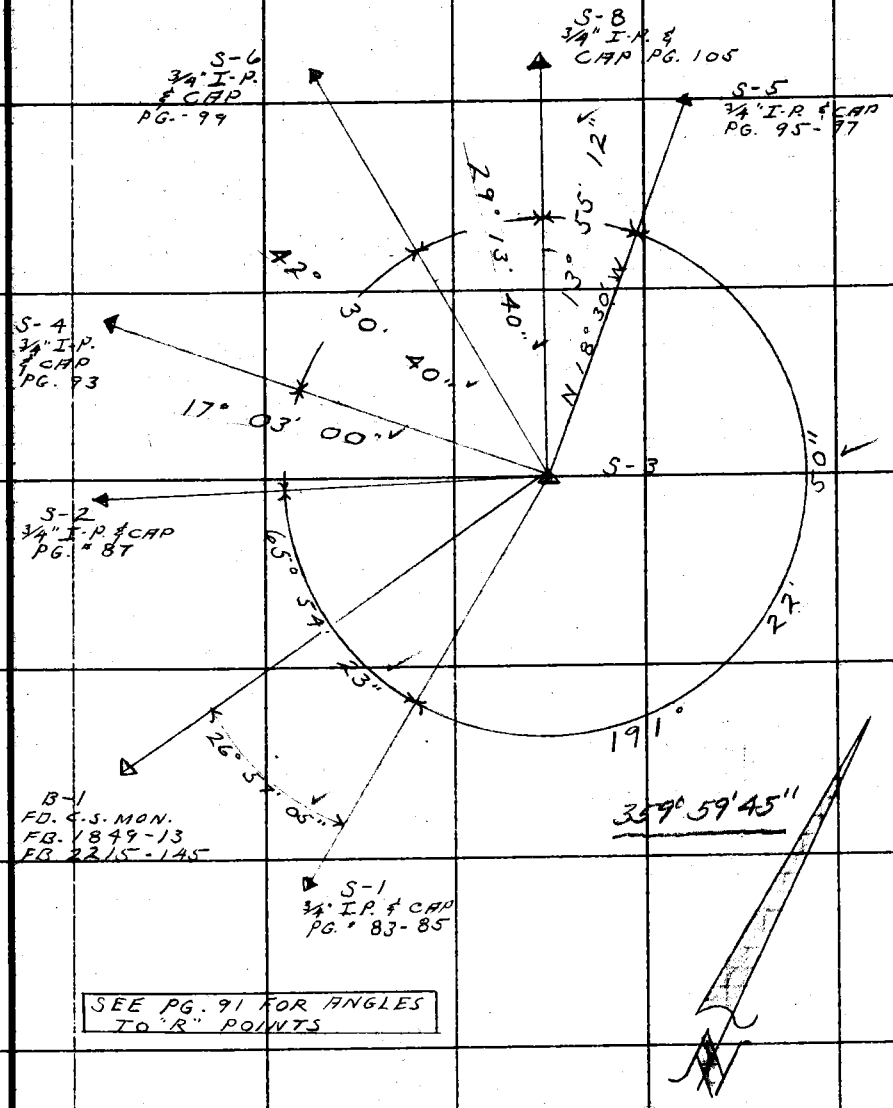
F.B. 2215 PG. 88

Notes Ck'd by Miller	Survey of DUME CR ROAD
Map No.	W. 64.15 Tape No. St'd. °F.
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 10-28-55
Date	Indexed L. C. Johnson

F.B. 2215 Pg. 89

S-3

SET 3/4" I.P. & CAP STAMPED S-3 ON A ROCKY SPUR 700'± E. OF BOTTOM OF RAMERA CANYON & 2900'± N. OF N. LINE OF THE RANCHO TOPANGA MALIBU SEQUIT.



SEE PG. 91 FOR ANGLES TO "R" POINTS

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3093 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-3 F.B. 2215 PG 89-91 H.I. 4.90 Elevation 1040.42

SIGHT ON	ROD	±VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
S-1	-10.00	-8° 09' 20" -8 09 40 -8° 09' 30"	2015.060 .1433600	-288.936		-294.036	-293.90	746.52
S-2	-10.00	+2° 10' 40" +2 10 20 +2° 10' 30"	2731.343 .0379792	+103.742		+98.642	+98.48	1138.90
S-4	-1.00	+4° 30' 00" +4 30 00 +4° 30' 00"	2248.127 .0787017	+176.931		+180.831	+180.90	1221.32
S-6	-1.00	+7° 49' 40 +7 49 20 7° 49' 30"	2257.775 .1374275 ✓	+310.280		+314.180	+314.54	1354.96
S-8	-3.00	+4° 59' 20" +4 59 00 +4° 59' 10"	.0872444 ✓					
S-5	-1.00	+1° 50' 00" +1 50 20 +1 50 10	1902.747 .0320572	+60.997		+64.897	+65.05	1105.47
B-1	-5.00	-11° 22' 20" -11 22 40 -11° 22' 30"	3028.920 .2011813 ✓	-609.392		-609.492	-609.91	430.51

S-1 TO S-2
2) 131° 48' 40"
4) 263 37 40
6) 35 26 20
65° 54' 23" ✓

S-2 TO S-4
2) 34° 06' 00"
4) 68 12 00
6) 102 18 00
17° 03' 00" ✓

S-4 TO S-6
2) 85° 01' 20"
4) 170 02 40
6) 255 04 00
42° 30' 40" ✓

S-6 TO S-8
2) 58° 27' 00"
4) 116 54 40
6) 175 22 00
29° 13' 40" ✓

S-8 TO S-5
2) 27° 50' 20"
4) 55 40 40
6) 83 31 10
13° 55' 12" ✓

S-5 TO S-1
2) 22° 45' 20"
4) 45 31 20 ✓
6) 68 17 00
191° 22' 50"

S1 - TO B-1
2) 53° 54' 00"
4) 107 48 20
6) 161 42 30 ✓
26° 57' 05

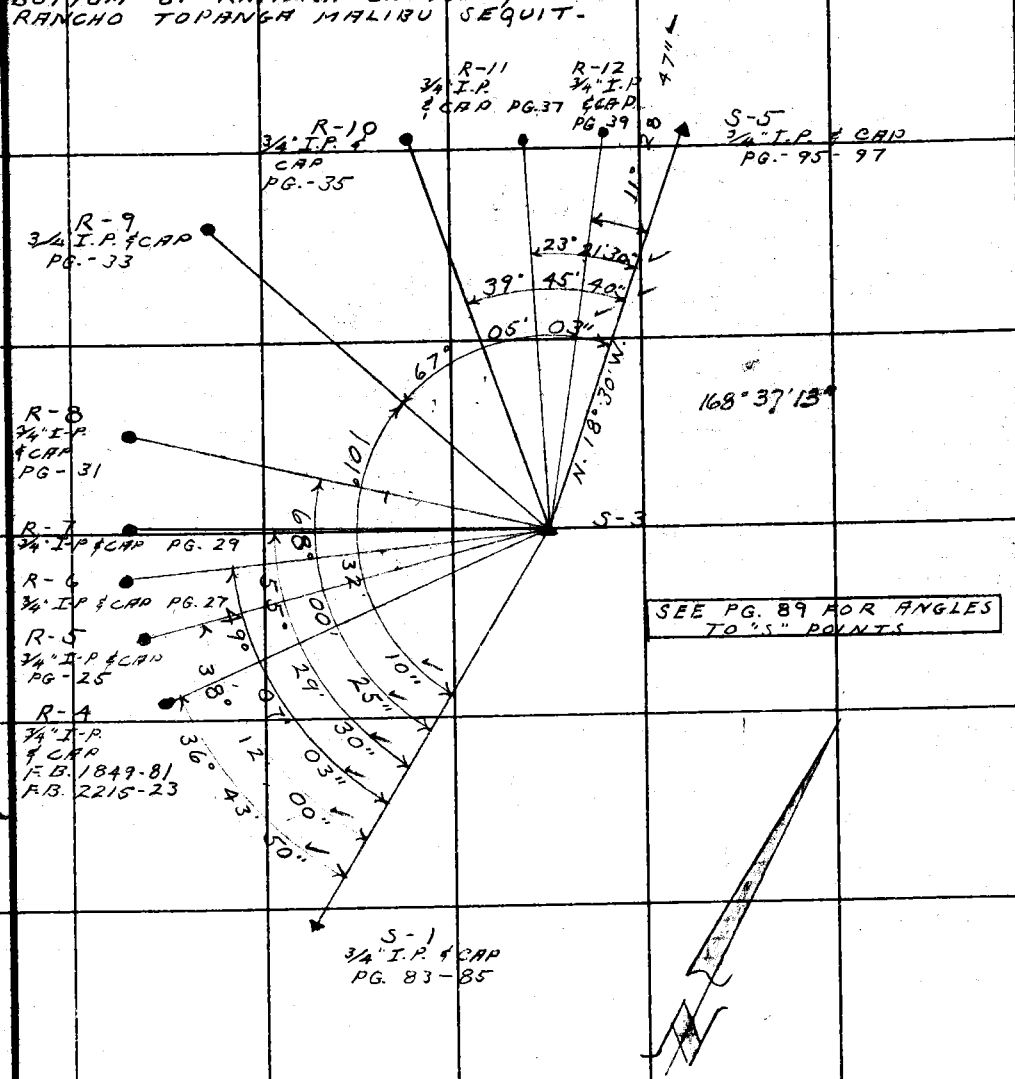
F.B. 2215 PG. 10

F.B. 2215 Pg. 91

Notes Ck'd by: Miller	Survey of: DOME CN RD.
Map No.	W.O. 0974-15 Tape No. 3rd of
Office Work	Surveyed by: L.Y. SMITH & R.C. DALE
Checked	Notes: L.V.S. Date: 10-31-55
Date	Indexed: E. C. Johnson

S-3

SET 3/4" I.P. & CAP STAMPED S-3 ON A ROCKY SPUR 700'± E. OF BOTTOM OF RAMORA CANYON & 2900'± N. OF N. LINE OF THE RANCHO TOPANGA MALIBU SEQUIT-



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-3 F.B. 2215 PG 89-91 H.I. 4.90 Elevation 1040.42

SIGHT ON	Rod	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	CURVATURE CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	ELEV.
R-4	-10.00	-8° 06' 00" -8° 06' 20" -8° 06' 10"	2561.323 .1423 705	-364.657		-369.757	-369.77	670.65
R-5	-10.00	-10° 06' 20" -10° 06' 40" -10° 06' 30"	2101.782 .1782 772	-374.700		-379.800	-379.81	660.61
R-6	-10.00	-9° 23' 00" -9° 23' 20" -9° 23' 10"	1850.614 .1652 999	-305.906		-311.006	-311.10	729.32
R-7	-10.00	-9° 32' 40" -9° 33' 00" -9° 32' 50"	1748.515 .1681900	-294.083		-299.183	-299.29	741.13
R-8	-10.00	-9° 03' 00" -9° 03' 20" -9° 03' 10"	1499.056 .1593 288	-238.843		-243.943	-244.05	796.37
R-9	-10.00	-8° 59' 20" -8° 59' 40" -8° 59' 30"	1246.457 .1582 354	-197.234		-202.334	-202.39	838.03
R-10	-10.00	-6° 19' 00 -6° 19' 00 -6° 19' 00	1377.901 .1106955	-152.527		-157.627	-157.59	882.83

S-1 TO R-4
2) 73° 27' 40"
4) 146 55 20
6) 220 23 00
36° 43' 50" ✓

S-1 TO R-5
2) 76° 24 00
4) 152 48 00
6) 229 12 00
38° 12' 00" ✓

S-1 TO R-6
2) 98° 14' 00"
4) 196 28 20
6) 294 42 20
49° 07' 03" ✓

S-1 TO R-7
2) 110° 59' 00
4) 221 58 00
6) 332 57 00
55° 29' 30" ✓

S-1 TO R-8
2) 136° 01' 00"
4) 272 02 00
6) 48 02 30
68° 00' 25" ✓

S-1 TO R-9
2) 203° 04' 20"
4) 46 08 40
6) 249 13 00
101° 32' 10" ✓

R-9 TO S-5
2) 134° 10' 00"
4) 268 20 20
6) 42 30 20
67° 05' 03" ✓

R-10 TO S-5
2) 79° 31' 20"
4) 159 02 40
6) 238 34 00
39° 45' 40" ✓

R-11 TO S-5
2) 46° 42' 40"
4) 93 26 00
6) 140 09 00
23° 21' 30" ✓

R-12 TO S-5
2) 22° 57' 20"
4) 45 55 00
6) 68 52 40
11° 28' 47" ✓

R-12	-10.00	-2° 05' 20" -2 05 20 -2° 05' 20"						
R-11	-10.00	-3° 09' 40" -3 10 00 -3° 09' 50"						

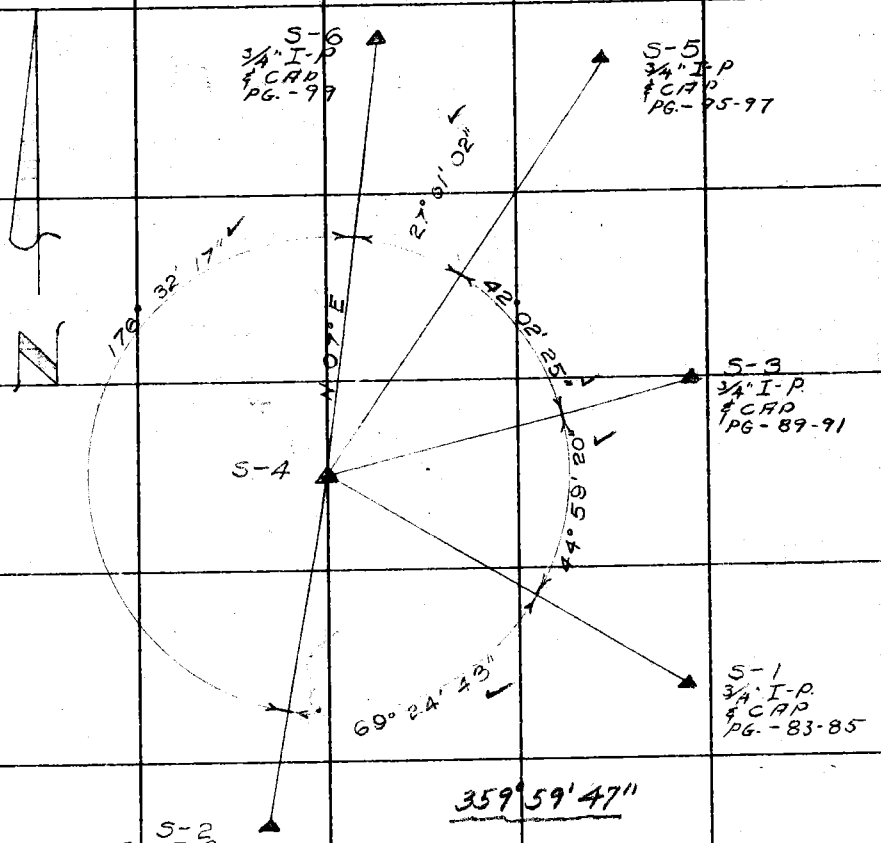
F.B. 2215 PG. 92

Notes Ck'd by Miller	Survey of DUME CN. RD. 00 74.15
Map No.	W. O. Tape No. Sr'd. °F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes C.V.C. Date 10-16-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 93

S - 4

SET 3/4" I.P. & CAP STAMPED S-4 ON A RIDGE 1400'± W. OF THE BOTTOM OF RAMERA CANYON & 1300'± N. OF N. LINE OF THE RANCHO TOPANGA MALIBU SEQUIT.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 6-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-4 F.B. 2215 PG. 93 H.I. 4.99' Elev: 1221.32

SIGHT ON	ROD	+ VERTICAL − ANGLE	HORIZONTAL DISTANCE	+ VERTICAL − DISTANCE	+ CURVATURE CORRECTION	+ DIFFERENCE − ELEVATION	ADJUSTED DIFF. ELEV.	
S-6	−2.00	+ 4° 34' 20" + 4 34 00 + 4° 34' 10"	1633.607 .0799214'	+130.560		+ 133.550	+133.64	1354.96
S-5	−9.00	− 2° 15' 40" − 2° 15' 40" − 2° 15' 40"	2833.278 .0394843'	−111.870		−115.880	−115.851	1105.47
S-3	−9.00	− 4° 29' 40" − 4° 30 00 − 4° 29' 50"	2248.127 .0786529	−176.822		−180.832	−180.70	1040.42
S-1	−9.00	− 9° 26' 40" − 9 27 00 − 9° 26' 50"	2829.235 .1663958	−470.773		−474.783	−474.80	746.52
S-2	−9.00	− 5° 05' 40" − 5 05 40 − 5° 05' 40"	879.516 .0891439	−78.409		−82.419	−82.42	1138.90

S-6 to S-5

2)	54°	02'	00"
4)	108	04	00
6)	162	06	00
	27°	01'	02" ✓

S-5 to S-3

2)	84°	04'	40"
4)	168	09	40
6)	252	14	30
	42°	02'	25" ✓

S-3 to S-1

2)	89°	05'	20"
4)	178	11	00
6)	266	16	00
	44°	59'	20" ✓

S-1 to S-2

2)	138°	41'	20"
4)	277	22	00
6)	416	03	00
	69°	11'	13" ✓

S-2 to S-6

2)	353°	04'	40"
4)	706	09	00
6)	1059	13	40
	176°	32'	17" ✓

F.B. 2215 PG. 94

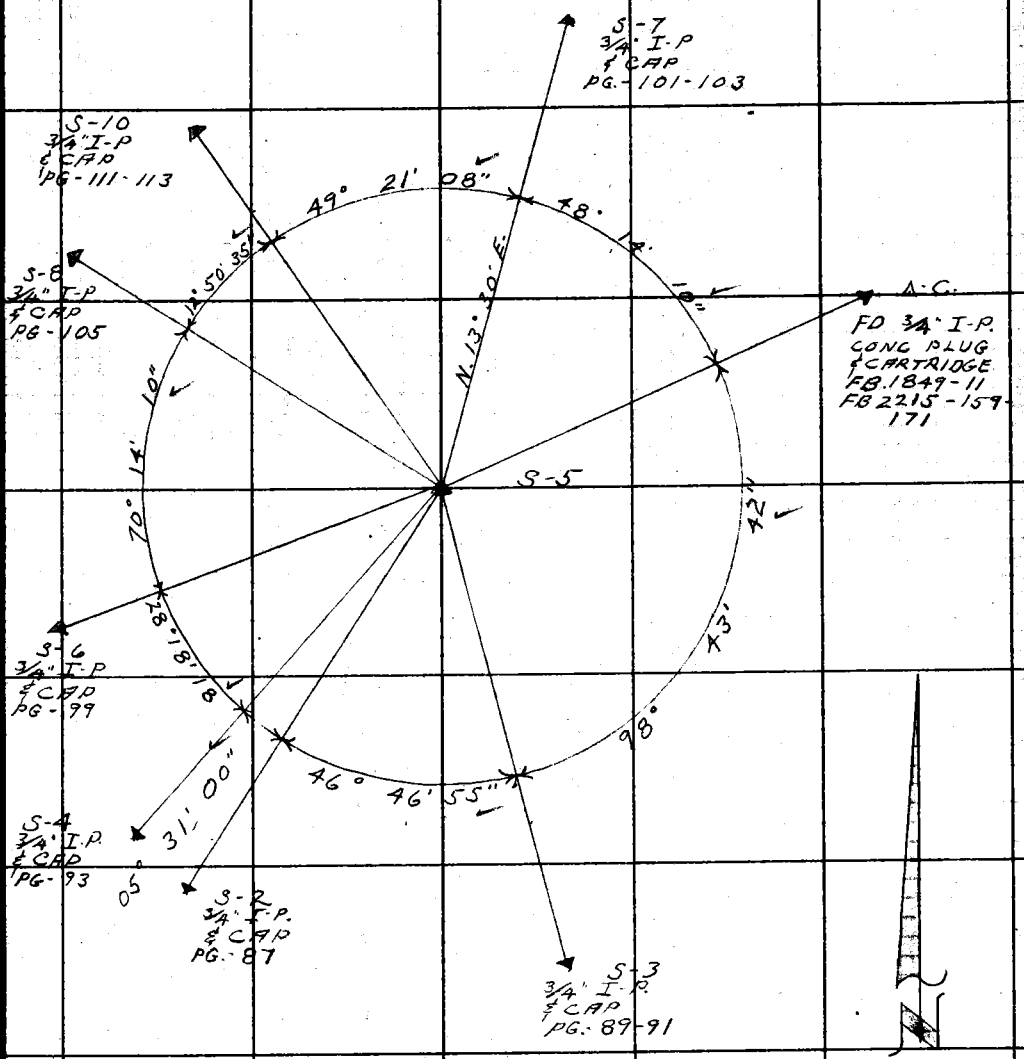
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of DUME CN RD.
W. O. 4-15 Tape No. St'd. °F
Surveyed by L.Y. SMITH & R.C. DALE
Notes L.Y.S. Date 11-1-55
Indexed C. Johnson

F.B. 2215 Pg. 95

S-5

SET 3/4" I.P AND CAP STAMPED S-5 ON A RIDGE. 400± E. OF BOTTOM OF RAMERA CANYON & 4700± N. OF N. LINE OF THE RANCHO TOPANGA MALIBU SEQUIT.



SEE PG.: 97 FOR ANGLES TO "R" POINTS

359° 59' 58"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-5 F.B. 2215 PG. 95-97 H. I 452 Elevation: 1105.47

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
S-3	-10.00	-01 48 00 -01 48 00 -01 48 00	1902.747 .0314 263	-59.796		-65.276	-65.05	1040.42
S-2	-6.00	+0° 33 00 +0 32 30 +0 32 45	3656.424 .0095 269	+34.834		+33.354	+33.43	1138.90
S-4	-3.00	+02 18 30 +02 18 30 +02° 18' 30"	2833.278 .0403 098	+114.209		+115.729	+115.85	1221.32
S-6	-3.00	+09 00 00 +09 00 00 +09° 00 00	1565.106 .1583 844	+247.888		+249.408	+249.49	1354.96
S-8	-1.00	+07 53 30 +07 54 00 +07° 53' 45"	1741.306 .1386 874	+241.497		+245.017	+244.94	1350.41
S-10	-3.00	+09° 01' 30" +09 01 00 +09° 01' 15"	.1587 572					
S-7	-1.00	+07° 04' 30 +07 04 30 +07° 04' 30"	661.310 .1241 135	+82.077		+85.597	+85.53	1191.00
Δ-C	-3.00	+16° 59 00 +16° 59 30 +16° 59' 15"	1419.560 3054 668	+433.657		+435.177	+435.01	1540.48

S-3 TO S-2
2) 93° 34' 00"
4) 187 07 30
6) 280 41 30
46° 46' 55" ✓

S-2 TO S-4
2) 11° 02' 00"
4) 22 04 00
6) 33 06 00
05° 31' 00" ✓

S-4 TO S-6
2) 56° 36' 30"
4) 113 13 30
6) 169 49 45
28° 18' 18" ✓

S-6 TO S-8
2) 140° 28' 00"
4) 280 56 30
6) 61 25 00
70° 14' 10" ✓

S-8 TO S-10
2) 25° 41' 00"
4) 51 22 00
6) 77 03 30
12° 50 35" ✓

S-10 TO S-7
2) 98° 42' 30"
4) 197 24 45
6) 296 06 45
49° 21' 08" ✓

S-7 TO Δ-C
2) 96° 28' 30"
4) 192 56 45
6) 289 25 00
48° 14' 10" ✓

Δ-C TO S-3
2) 197° 27 00
4) 34 54 45
6) 232 22 15
98° 43' 42" ✓

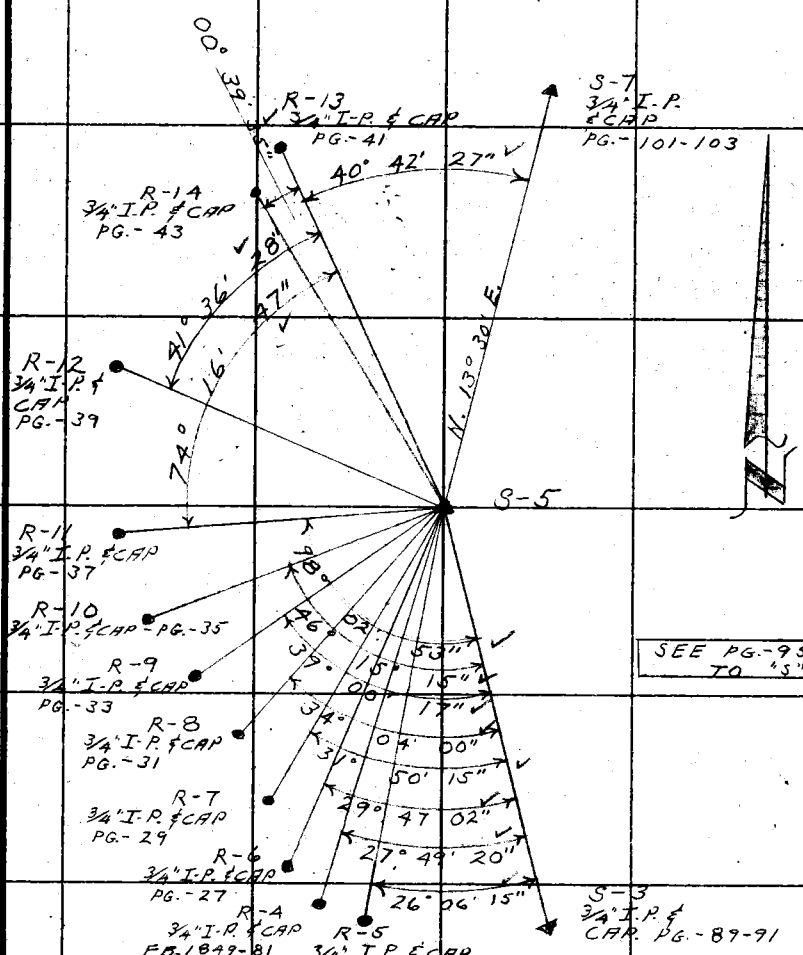
F.B. 2215 PG. 96

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 0079.15 Tape No. St'd. °F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 11-2-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 97

S-5

SET 3/4" I.P. AND CAP STAMPED S-5 ON A RIDGE 400'± E. OF BOTTOM OF RAMERA CANYON & 4700'± N. OF N. LINE OF THE RANCHO TOPANGA MALIBU SEQUIT.



SEE PG.-95 FOR ANGLES TO "S" POINTS

S-3 TO R-5	S-3 TO R-4	S-3 TO R-6	S-3 TO R-7	S-3 TO R-8
2) 52° 12' 00	2) 55° 38' 30	2) 59° 34' 00"	2) 63° 40' 45"	2) 68° 08' 00"
4) 104 24 45	4) 111 17 30	4) 119 08 00	4) 127 21 00	4) 136 16 00
6) 156 37 30	6) 166 56 00	6) 178 42 15	6) 191 01 30	6) 204 24 00
26° 06' 15"	27° 49' 20"	29° 47' 02"	31° 50' 15"	34° 04' 00"

S-3 TO R-9	S-3 TO R-10	S-3 TO R-11	R-11 TO R-13	R-12 TO R-13
2) 78° 00' 30"	2) 92° 30' 15"	2) 196° 05' 45"	2) 148° 33' 15"	2) 83° 13' 00"
4) 156 01 00	4) 185 01 00	4) 32 11 30	4) 297 07 00	4) 166 26 00
6) 234 01 45	6) 277 31 30	6) 228 17 15	6) 85 40 45	6) 249 38 45
39° 00' 17"	46° 15' 15"	98° 02' 53"	74° 16' 47"	41° 36' 28"

R-13 TO S-7	R-14 TO R-13
2) 81° 24' 45"	2) 01° 19' 00"
4) 162 49 30	4) 02 38 15
6) 244 14 45	6) 03 57 30
40° 42' 27"	00° 39' 35"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-5 F.B. 2215 PG. 95-97 H.I. 4.5 Elevation = 1105.47

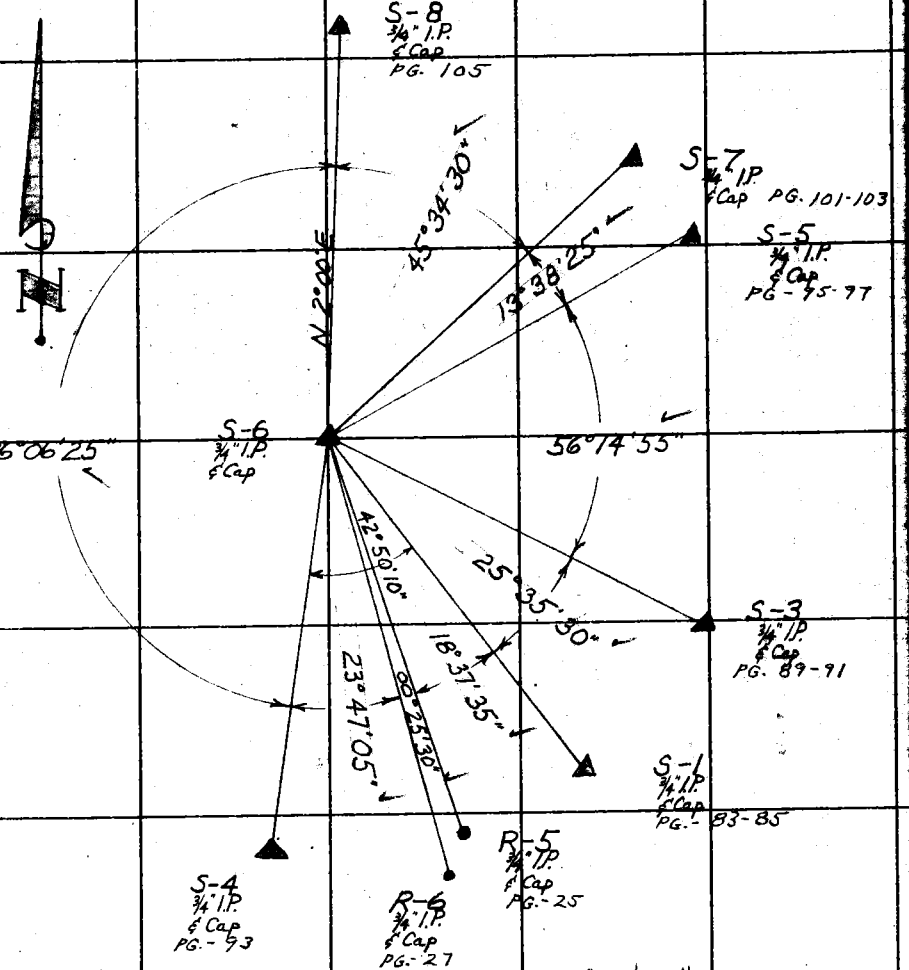
SIGHT ON	ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	+ CURVATURE - CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
R-4	-10.00	- 6° 00' 00" - 6 00 30 - 6° 00 15	4,085.188 .1051 778	-429.671		-435.151	-434.82	670.65
R-5	-10.00	- 6° 54 00 - 6 54 00 - 6° 54 00	3636.458 .1210133	-440.060		-445.540	-444.86	660.61
R-6	-10.00	- 6° 31' 30" - 6 32 00 - 6° 31 45"	3242.405 .1144 513	-371.097		-376.577	-376.15	729.32
R-7	-10.00	- 6° 42' 30" - 6 43 00 - 6° 42' 45"	3048.146 .1176 942	-358.749		-364.229	-364.34	741.13
R-8	-1.00	- 6° 46' 30" - 6 47 00 - 6° 46' 45"	2630.237 .1188 740	-312.667		-309.147	-309.10	796.37
R-9	-10.00	- 8° 10 30 - 8 11 00 - 8° 10' 45"	1824.029 .1437311	-262.170		-267.650	-267.44	838.03
R-10	-10.00	-10° 05' 30" -10 06 00 -10° 05' 45"	1219.849 .1780 521	-217.197		-222.677	-222.64	882.83
R-11	-10.00	-11° 55' 00" -11 55 30 -11° 55' 15"	884.066 .2111 128	-186.638		-192.118	-192.24	913.23
R-12	-10.00	-13° 40' 30" -13 41 00 -13° 40' 45"	617.997 2433 885	-150.413		-155.893	-156.09	949.38
R-13	-10.00	- 3° 33' 30" - 3 34 00 - 3° 33' 45"	1220.250 .0622 576	-75.970		-81.450	-82.03	1023.44
R-14	-10.00	- 1° 21' 00" - 1 21 30 - 1° 21' 15"	1685.129 .0236 391	-39.835		-45.315	-45.66	1059.81

Notes Ck'd by Miller	Survey of DUME CN RD.
Map No.	W. O. 74-15 Tape No. Bk'd. of
Office Work	Surveyed by L. V. SMITH & R.C. DALE
Checked	Notes R.C.B. Date 10-27-65
Date	Indexed C. Johnson

F.B. 2215 Pg. 99

S-6

Set 3/4" I.P. & Cap stamped S-6 on a rocky ridge 1000'± W. of bottom of Ramera canyon & 3800'± N. of North line of Rancho Topanga-Malibu Sequit.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT RIGHT ON	ROD	HT STATION S-6 +VERTICAL - ANGLE	HORIZONTAL DISTANCE	FB 2215 PG 99 +VERTICAL - DISTANCE	+CURVATURE CORRECTION	HI = 4.75 +DIFFERENCE - ELEVATION	Elevation = 1354.96 ADJUSTED DIFF. ELEV.	
S-4	-10.00	-4° 30' 00" -4° 30' 00" -4° 30' 00"	1633.607 .0787 017	- 128.404		-133.654	-133.64	1221.32
S-8	-9.50	00° 00' 00" 00° 00' 00" 00° 00' 00"	1907.456	-		- 4.75	-4.55	1350.41
S-5	-10.00	-8° 52' 30" -8° 52' 30" -8° 52' 30"	1565.706 .1561 488	- 244.389		- 249.639	-249.49	1105.47
S-7	-10.00	-4° 22' 30" -4° 23' 00" -4° 22' 45"	2069.607 .0765 801	- 158.491		-163.741	-163.96	1191.00
S-3	-10.00	-7° 47' 30" -7° 47' 30 -7° 47' 30"	2257.775 .1368 348	- 308.942		- 314.192	-314.54	1040.42
S-1	-10.00	-9° 00' 30" -9° 00' 30" -9° 00' 30"	3800.038 .1585 335	- 602.433		- 607.683	-608.44	746.52
R-5	-10.00	-12° 54' 00" -12° 53' 30" -12° 53' 45"	3010.468 .2289 540	- 689.259 - 620.362		- 694.509 - 625.612	-694.35	660.61
R-6	-10.00	-13° 37' 30" -13° 37' 30" -13° 37' 30"	2559.381 .2423 874	S-1 to R-5 2) 37° 15' 00" 4) 74° 30' 15" 6) 111° 45' 30" 18° 37' 35" ✓	R-5 to R-6 2) 00° 51' 00" 4) 01° 42' 00" 6) 02° 33' 00" 00° 25' 30" ✓	R-6 to S-4 2) 47° 34' 00" 4) 95° 08' 15" 6) 142° 42' 30" 23° 47' 05" ✓	-625.64	729.32

F.B. 2215 PG. 100

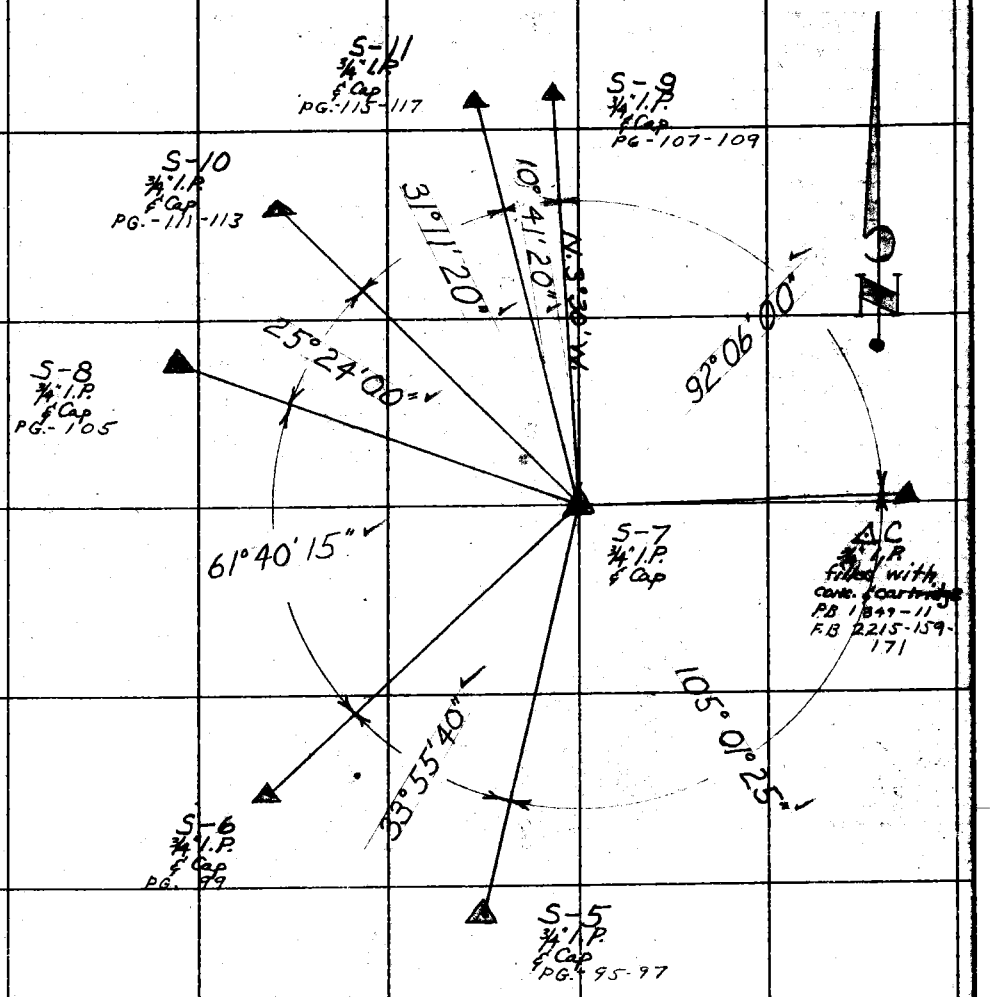
S-8 to S-7	S-7 to S-5	S-5 to S-3	S-3 to S-1	S-1 to S-4	S-4 to S-8
2) 91° 09' 30" 4) 182° 18' 00" 6) 273° 27' 00 45° 34' 30" ✓	2) 27° 16' 30" 4) 54° 33' 30" 6) 81° 50' 30" 13° 38' 25" ✓	2) 112° 29' 45" 4) 224° 59' 30" 6) 337° 29' 30" 56° 14' 55" ✓	2) 51° 11' 00" 4) 102° 22' 00" 6) 153° 33' 00" 25° 35' 30" ✓	2) 85° 40' 00" 4) 171° 20' 30" 6) 257° 01' 00" 42° 50' 10" ✓	2) 352° 13' 00" 4) 344° 25' 30" 6) 336° 38' 30" 176° 06' 25" ✓

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 8874.15 Tape No. Sr'd. °F
Office Work	Surveyed by L. V. SMITH & R. C. DALE
Checked	Notes R. C. B. Date 11-2-55
Date	Indexed L. C. Johnson

F. B. 2215 Pg. 101

S-7

Set 3/4" I.P. & cap stamped S-7 on ridge 550'± E. of bottom of Ramera canyon & 5300'± N. of North line of Rancho Topanga-Malibu Sequit.



SEE PG. 103 FOR ANGLES TO "R" POINTS

360°00'00"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3005 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-7 F.B. 2215 PG. 101-103 H.I. = 469 Elevation = 1191.00

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elev.	
ΔC	-4.00	+17° 37' 30" +17° 37' 30" +17° 37' 30"	1096.420 .3176 990	+348.332		+349.022	+349.48	1540.48
S-5	-3.00	-7° 30' 30" -7° 30' 30" -7° 30' 30"	661.310 .1318 005	-87.161		-85.471	-85.53	1105.47
S-6	-1.00	+4° 25' 00" +4° 25' 00" +4° 25' 00"	2069.607 .0772384	+159.853		+163.543	+163.96	1354.96
S-8	-2.00	+5° 44' 30" +5° 45' 00" +5° 44' 45"	1547.542 .1006 213	+155.716		+158.406	+159.41	1350.41
S-10	-2.00	+8° 31' 00" +8° 31' 30" +8° 31' 15"	2992.515 .1498 228	+448.347		+451.037	+452.07	1643.07
S-11	-10.00	+3° 09' 00" +3° 09' 30" +3° 09' 15"	.0550333					
S-9	-1.00	+1° 39' 30" +1° 39' 30" +1° 39' 30"	1930.708 0289 515'	+55.90		+59.587	+60.35	1251.35

F.B. 2215 Pg. 102

S-5 to S-6	S-6 to S-8	S-8 to S-10	S-10 to S-11	S-11 to S-9	S-9 to ΔC	ΔC to S-5
2) 67° 51' 00"	2) 123° 20' 30"	2) 50° 48' 00"	2) 62° 23' 00"	2) 21° 22' 30"	2) 184° 12' 00"	2) 210° 03' 00"
4) 135° 42' 45"	4) 246° 41' 00"	4) 101° 36' 00"	4) 124° 45' 15"	4) 42° 45' 00"	4) 08° 24' 00"	4) 60° 05' 30"
6) 203° 34' 00"	6) 10° 01' 30"	6) 152° 24' 00"	6) 187° 08' 00"	6) 64° 08' 00"	6) 192° 36' 00"	6) 270° 08' 30"
33° 55' 40"	61° 40' 15"	25° 24' 00"	31° 11' 20"	10° 41' 20"	92° 06' 00"	105° 01' 25"

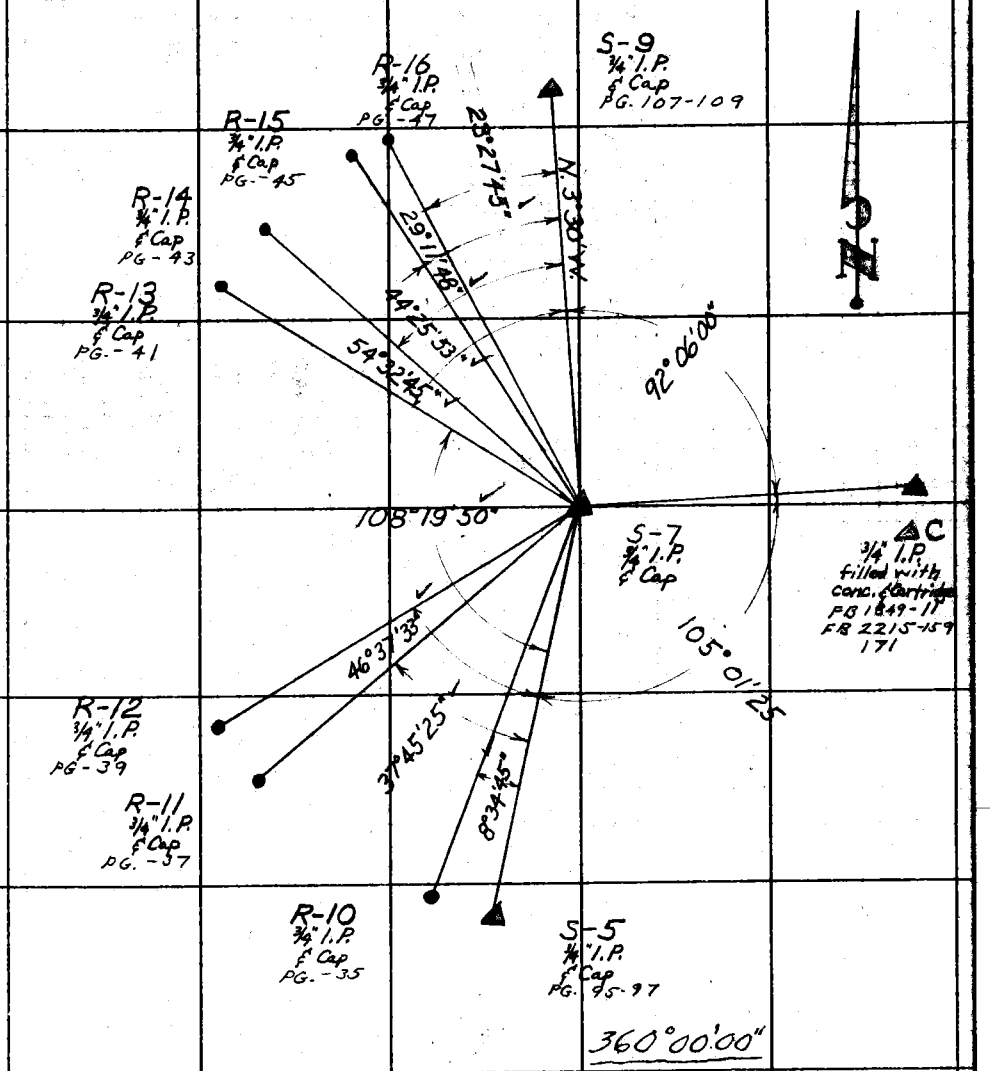
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of DUME CN. RD.
Vol. 824.15 Page No. Bk'd. of
Surveyed by L. V. SMITH & R. C. DALE
Notes R. C. B. Date 11-2-55
Indexed E. C. Johnson

F. B. Pg. 103

S-7

Set 3/4" I.P. & cap stamped S-7 on ridge 550'± E. of bottom of Ramera canyon & 5300' N. of North line of Rancho Topanga-Malibu Sequit.



SEE PG. 101 FOR ANGLES TO "S" POINTS

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

Do not attempt notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3088 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT HT STATION S-7 F.B. 2215 P.G. 101-103 HI = 4.69 Elev. = 1191.00

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
R-10	-10.00	-9° 11' 30" -9° 11' 30" -9° 11' 30"	1869.743 .1618154	-302.553		-307.863	-308.17	882.83
R-11	-10.00	-11° 46' 00" -11° 45' 30" -11° 45' 45"	1308.709 .2082279	-293.333		-298.643	-277.77	913.23
R-12	-10.00	-15° 40' 30" -15° 40' 30" -15° 40' 30"	842.413 .2806166	-236.395		-241.705	-241.62	949.38
R-13	-10.00	-10° 59' 30" -10° 59' 00" -10° 59' 15"	838.377 .1941539	-162.774		-168.084	-167.56	1023.44
R-14	-10.00	-5° 42' 00" -5° 41' 30" -5° 41' 45"	1266.600 .0997398	-126.330		-131.640	-131.19	1059.81
R-15	-10.00	-3° 35' 30" -3° 35' 30" -3° 35' 30"	1720.496 .0627687	-107.993		-113.303	-112.41	1078.59
R-16 HI = 4.38	-5.00?	-2° 12' 00" -2° 12' 30" -2° 12' 15"	2195.936 .0384890	-84.519		-84.829	-84.45	1106.55

S-5 to R-10	S-5 to R-11	S-5 to R-12	S-5 to R-13	S-9 to R-13	S-9 to R-14	S-9 to R-15	S-9 to R-16
2) 17° 09' 15" 4) 34° 19' 00" 6) 51° 28' 30" 8° 34' 45" ✓	2) 75° 30' 45" 4) 151° 01' 30" 6) 226° 32' 30" 37° 45' 25" ✓	2) 93° 15' 00" 4) 186° 30' 30" 6) 279° 45' 15" 46° 37' 33" ✓	2) 216° 39' 45" 4) 73° 19' 30" 6) 289° 59' 00" 108° 19' 50" ✓	2) 109° 05' 30" 4) 218° 11' 00" 6) 327° 16' 30" 54° 32' 45" ✓	2) 88° 52' 00" 4) 177° 43' 30" 6) 266° 35' 15" 44° 25' 53" ✓	2) 58° 23' 30" 4) 116° 47' 15" 6) 175° 10' 45" 29° 11' 48" ✓	2) 46° 55' 30" 4) 93° 51' 00" 6) 140° 46' 30" 23° 27' 45" ✓

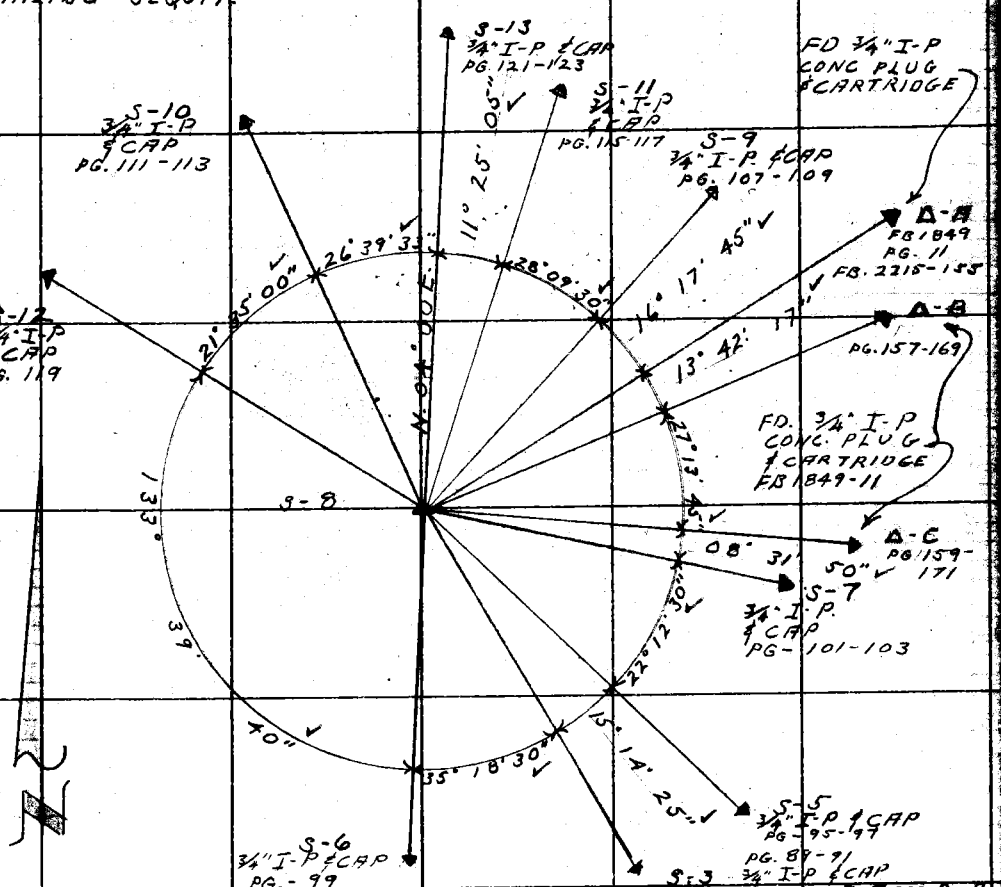
F.B. 104 PG.

Notes Ck'd by Miller	Survey of DOME CN. RD
Map No.	W. O. 8074.15 Tape No. St'd. °F
Office Work	Surveyed by L. V. SMITH & R. C. DALE
Checked	Notes L. V. S. Date 10-19-55
Date	Indexed J. C. Johnson

F.B. 2215 Pg. 105

S 8

SET 3/4" I.P & CAP STAMPED S-8 ON A RIDGE 1000.0'± W. OF BOTTOM OF RAMERA CANYON & 5700'± N. OF NORTH LINE OF RANCHO TOPANGA-MALIBU-SEQUIT.



S-13 TO S-11	S-11 TO S-9	S-9 TO Δ-A	Δ-A TO Δ-B
2) 22° 50' 30"	2) 56° 19' 00"	2) 32° 35' 30"	2) 27° 24' 30"
4) 45 40 30	4) 112 38 00	4) 65 11 00	4) 54 49 00
6) 68 30 30	6) 168 57 00	6) 97 46 30	6) 82 13 45
11° 25' 05"	28° 09' 30"	16° 17' 45"	13° 42' 17"

Δ-B TO Δ-C	Δ-C TO S-7	S-7 TO S-5	S-5 TO S-3
2) 54° 27' 30"	2) 17° 04' 00	2) 44° 25' 00"	2) 30° 28' 30"
4) 108 55 00	4) 34 07 30	4) 88 50 00	4) 60 57 30
6) 163 22 30	6) 51 11 00	6) 133 15 00	6) 91 26 30
27° 13' 45"	08° 31' 50"	22° 12' 30"	15° 14' 25"

S-3 TO S-6	S-6 TO S-12	S-12 TO S-10	S-10 TO S-13
2) 70° 37' 00	2) 267° 19' 00"	2) 43° 10' 00"	2) 53° 19' 00"
4) 141 14 00	4) 174 38 30	4) 86 20 00	4) 106 38 00
6) 211 51 00	6) 81 58 00	6) 129 30 00	6) 159 57 15
35° 18' 30"	133° 39' 40"	21° 35' 00"	26° 39' 33"

359°59'45"

Notes: 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 attend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-8 F.B. 2215 PG. 105 H.I. 5.08 Elev = 1350.41

SIGHT ON	ROD	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
S-10	-1.00	+9° 28' 30" +9 28 30 +9° 28' 30"	1727.243 .1668941	+ 288.267		+ 292.347	+ 292.66	1643.07
S-13	-1.00	+1° 00' 00" +0 59 30 +0° 59' 45"	.0173823					
S-11	-1.00	- 0° 41 00 - 0 41 30 - 0° 41' 15"	2624.293 .0119997	- 31.491		- 27.411	- 27.42	1322.99
S-9	-10.00	- 2° 45' 00" - 2 45 30 - 2° 45 15	1953.061 .0481063	- 93.955		- 98.875	- 99.06	1251.35
B-5	-1.00	+ 4° 05' 30" + 4 05 00 + 4° 05' 15"	.0714616					
B-4	-2.00	+ 3° 15' 00" + 3 14 30 + 3° 14' 45"	.0567112					
B-3	-1.00	+ 4° 05' 00" + 4 05 00 + 4° 05' 00"	.0713885					
S-7	-10.00	- 5° 41' 30" - 5 41 30 - 5° 41' 30"	1547.542 0996664	- 154.238		- 159.158	- 159.41	1191.00
S-5	-7.00	- 7° 50' 00" - 7 50 00 - 7° 50' 00"	1741.306 .1375757	- 239.561		- 241.481	- 244.94	1105.47
S-3	-10.00	- 4° 56' 00" - 4 56 00 - 4° 56' 00"	.0863163					
S-6	-2.00	+ 0° 02' 00" + 0 02 00 + 0° 02' 00"	1907.456 .0005818	+ 1.110		+ 4.190	+ 4.55	1354.96
S-12	-3.00	+ 6° 33' 00" + 6 33 00 + 6° 33' 00"	2820.688 .1148197	+ 323.871		+ 325.951	+ 326.24	1676.65

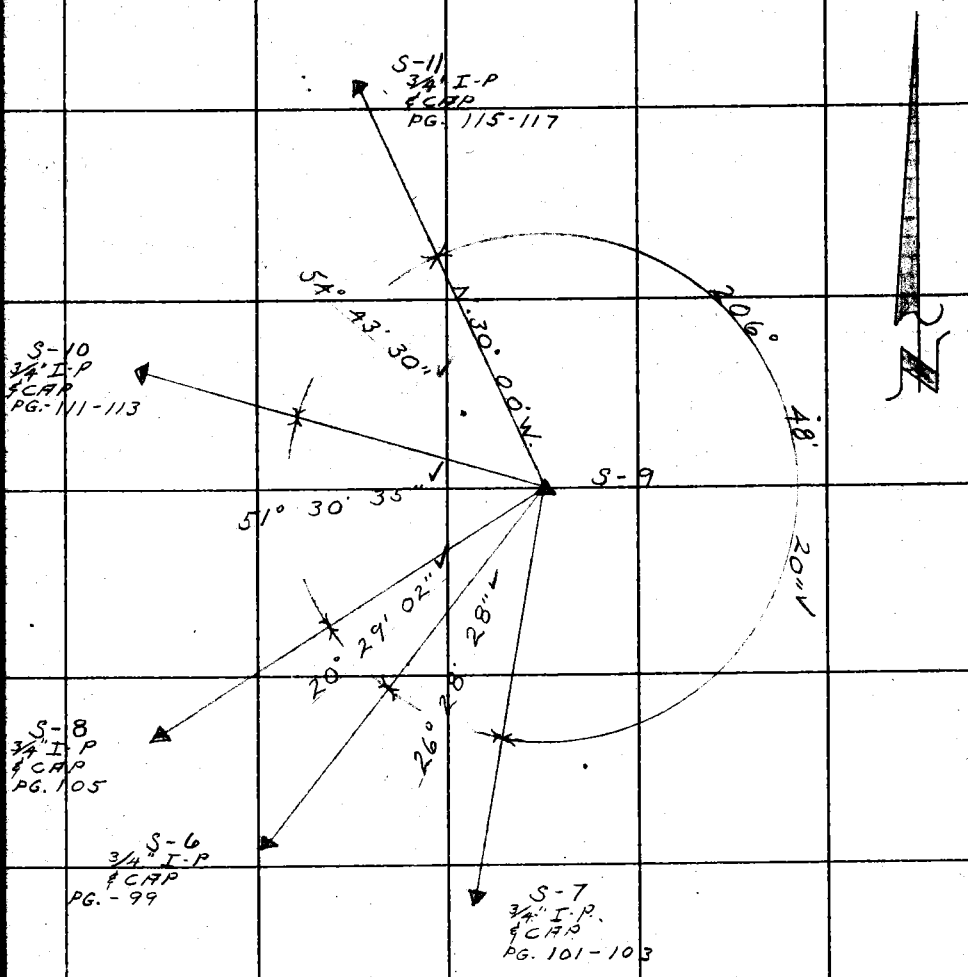
F.B. 2215 PG. 106

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 0074-15 Map No. Sr'd PF
Office Work	Surveyed by L.Y. SMITH & R.C. DALE
Checked	Notes L.Y.S. Date 11-2-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 107

S-9

SET 3/4" I.P. & CAP STAMPED S-9 ON A RIDGE 600'± E. OF BOTTOM OF RAMERA CANYON & 7200'± N. OF N. LINE OF THE RANCHO TOPANGA MALIBU SEQUIT.



SEE PG. 109 FOR ANGLES TO "R" POINTS

359° 59' 55"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3088 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-9 F.B. 2215 PG. 107-109 HI. 4.40 Elevation: 1251.35

SIGHT ON	ROD	+VERTICAL ANGLE	HORIZONTAL DISTANCE	+VERTICAL DISTANCE	+CURVATURE CORRECTION	DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	
S-11	-2.00	+03° 04' 30 +03 04 15 +03° 04' 22"	1289.691 .0536816	+69.233		+71.633	+71.64	1322.99
S-7	-10.00	-01° 38' 30" -01 39 00 -01° 38' 45	1930.708 .0287331	-55.48		-61.08	-60.35	1191.00
S-6	-10.00	+01° 42' 30 +01 42 30 +01° 42' 30"	3610.556 .0298249	+107.679		+102.079	+103.61	1354.96
S-8	-2.00	+02° 49' 30" +02 49 15 +02° 49' 22"	1953.061 .0493067	+96.299		+98.699	+99.06	1350.41
S-10	-2.00	+10° 54' 30 +10 54 00 +10° 54' 15"	2019.649 .1926451	+389.075		+391.475	+391.72	1643.07

S-11 TO S-7
2) 53° 36' 30"
4) 107 13 30
6) 160 50 00
206° 48' 20"

S-7 TO S-6
2) 52° 57' 00"
4) 105 54 00
6) 158 50 45
26° 28' 28"

S-6 TO S-8
2) 40° 58' 00"
4) 81 56 00
6) 122 54 15
20° 29' 02"

S-8 TO S-10
2) 103° 01' 00
4) 206 02 15
6) 309 03 30
51° 30' 35"

S-10 TO S-11
2) 109° 27' 00"
4) 218 53 45
6) 328 21 00
54° 43' 30"

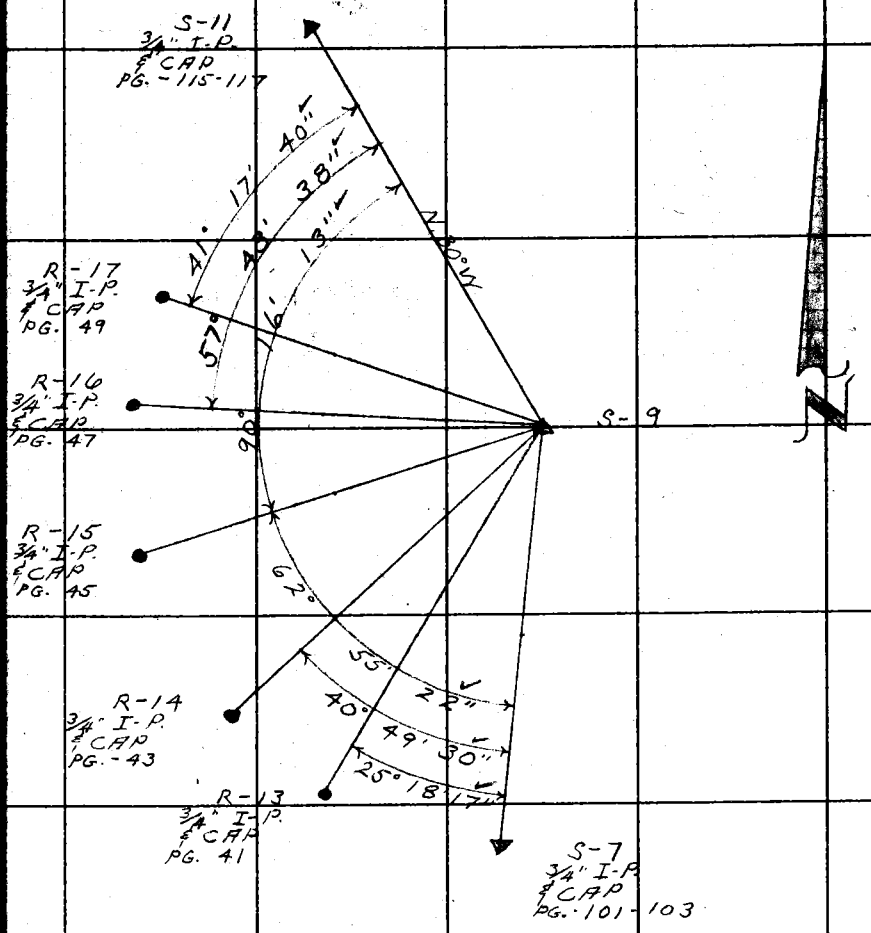
F.B. 2215 PG. 108

Notes Ck'd by Miller	Survey of DUME CANYON RD.
Map No.	W.O. 8024.15 Page No. Sh'd. of
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 11-4-55
Date	Indexed R. C. Johnson

F.B. 2215 Pg. 109

S-9

SET 3/4" I.P. & CAP STAMPED S-9 ON A RIDGE 600'± E. OF THE BOTTOM OF RAMERA CANYON & 7200'± N. OF N. LINE OF THE RANCHO TOPANGA MALIBU SEQUIT.



SEE PG. 107 FOR ANGLES TO "S" POINTS

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

75F3005 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-9 FB 2215 PG. 107-109 HT 4.40 Elevation = 1251.35

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	+CURVATURE -CORRECTION	DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	
R-13	-10.00	-07° 55' 00" -07 55 30 07° 55' 15"	1597.779 .1391321	-222.302		-227.902	-227.91	1023.44
R-14	-10.00	-07° 48' 00" -07 48 30 -07° 48' 15"	1356.323 .1370571	-185.894		-191.494	-191.54	1059.81
R-15	-10.00	-10° 03' 00" -10 03 30 -10° 03' 15"	942.497 .1773019	-167.107		-172.707	-172.76	1078.59
R-16	-10.00	-09° 00' 00 -09 00 00 -09° 00' 00	878.313 .1583844	-139.111		-144.711	-144.80	1106.55
R-17	-10.00	-07° 05' 30" -07° 05 30 -07° 05' 30"	981.134 .1244089	-122.062		-127.662	-127.65	1123.70

S-7 TO R-13
2) 50° 36' 30"
4) 101 13 00
6) 151 49 45
25° 18' 17"

S-7 TO R-14
2) 81° 39' 00"
4) 163 18 00
6) 244 57 00
40° 49' 30"

S-7 TO R-15
2) 125° 50' 30"
4) 251 41 15
6) 17 32 15
62° 55 22

R-13 TO S-11
2) 180° 32' 30"
4) 361 05 00
6) 181 37 15
90° 16' 13"

R-16 TO S-11
2) 115° 27' 15"
4) 230 54 30
6) 346 21 45
57° 43' 38"

R-17 TO S-11
2 82° 35' 30"
4 165 11 00
6 247 46 00
41° 17' 40"

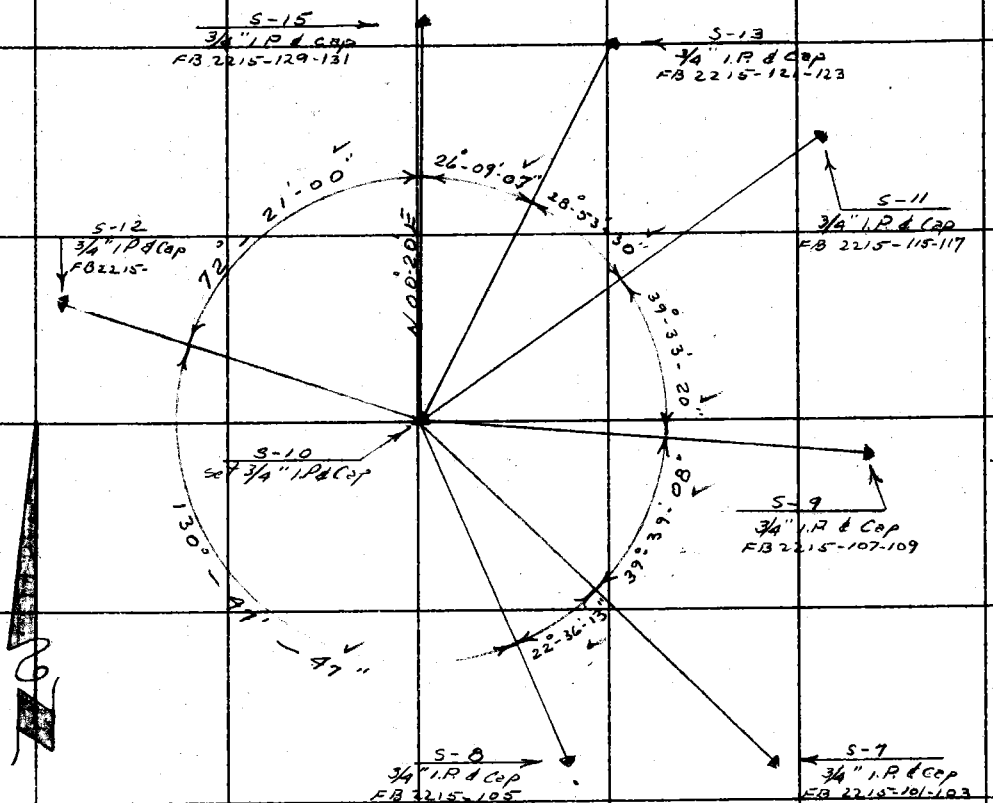
F.B. 2215 PG. 110

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. 87.15 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 11-2-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 111

S-10

S-10 set 3/4" IP & Cap Top of high spur 6500' t from saddle that seperates Remara & Newton Cns at end of "P" line from North 1200' t W of Cn bottom.



360° 00' 05"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station S-10 FB 2215 Pg 111 HI = 4.87 Elevation = 1643.07

Sight on	Add	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
S-12	-5.00	+ 1-24-00 + 1-24-20 + 1-24-10	1370.730 .0244 880	+ 33.566		+ 33.436	+33.58	1676.65
S-15	-5.00	- 5-02-20 - 5-02-00 - 5-02-10	2711.465 .0881 238	- 238.945		- 239.075	-238.49	1404.58
S-13	-5.00	- 6-31-00 - 6-31-00 - 6-31-00	2013.642 .1142 303	- 230.019		- 230.149	-229.69	1413.38
S-11	-5.00	- 10-58-00 - 10-58-00 - 10-58-00	1653.649 .1937 766	- 320.438		- 320.568	-320.08	1322.99
S-9	-5.00	- 10-58-40 - 10-58-40 - 10-58-40	2019.649 .1939 829	- 391.771		- 391.901	-391.72	1251.35
S-7	-9.00	- 8-30-00 - 8-30-00 - 8-30-00	2992.515 .1494 510	- 447.234		- 451.364	-452.07	1191.00
S-8	-5.00	- 9-37-00 - 9-37-00 - 9-37-00	1727.243 .1694 366	- 292.997		- 293.127	-292.66	1350.41

F.B. 2215 Pg. 112

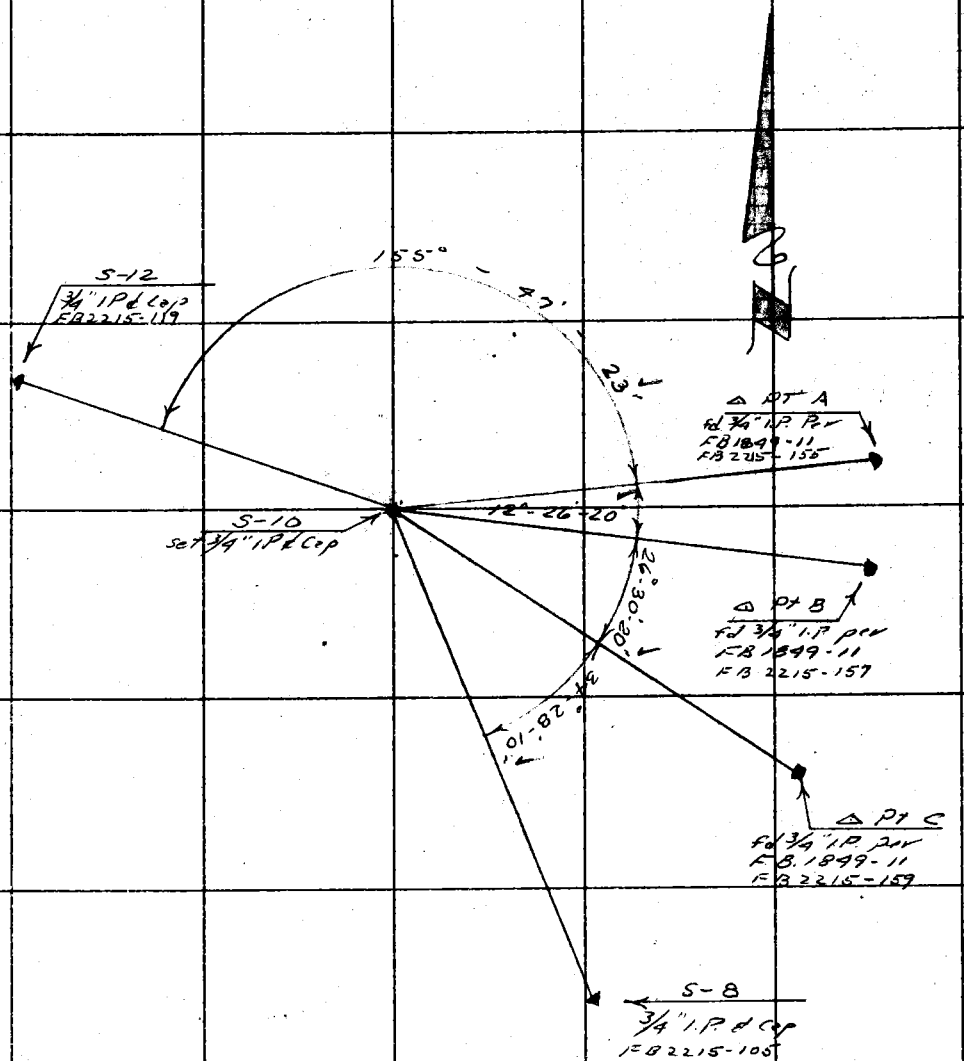
S-12 to S-15	S-15 to S-13	S-13 to S-11	S-11 to S-9	S-9 to S-7	S-7 to S-8	S-8 to S-12
2) 144-42-00	2) 52-18-10	2) 57-46-50	2) 79-06-40	2) 79-18-10	2) 45-12-20	2) 261-35-50
4) 289-24-00	4) 104-36-20	4) 115-34-00	4) 158-13-20	4) 158-36-40	4) 90-25-00	4) 163-11-20
6) 74-06-00	6) 156-54-40	6) 173-21-00	6) 237-20-00	6) 237-59-50	6) 135-37-20	6) 64-46-40
72-21-00 ✓	26-09-07 ✓	28-53-30 ✓	39-33-20 ✓	39-39-08 ✓	22-36-13 ✓	130-47-47 ✓

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 0074/5 Tape No. 135 Sr'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 11-2-53
Date	Indexed C. Johnson

F. B. 2215 PG. 113

S-10

S-10 Set 3/4" I.P. & Cap on top of high Spur 6500'± from Saddle that separates Remora & Newton Cn. at end of "P" line from N. 1200'± W of Cn Bottom



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at station		S-10	FB 2215 Pg #113	H.I. 4.87	Elevation = 1643.87	
Sight on	+ Vertical - Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
△ PtA	-5.00	+ 0-01-40 + 0-01-40 + 0-01-40	4201.743 .0004 848	+ 2.037		+1.907	+1.91	1644.98
△ Pt B	-9.00	- 0-49-40 - 0-49-40 - 0-49-40	4433.022 .0144 485	- 64.051		- 68.181	- 68.18	1574.89
△ PtC	-5.00	- 1-32-00 - 1-32-00 - 1-32-00	3835.871 .0267 681	- 94.649		-94.779	-102.59	1540.48

S-12 to △ pt A	△ PtA to △ pt B	△ PtB to △ PtC	△ PtC to S-8
2) 311-34-40	2) 29-52-40	2) 53-00-40	2) 68-56-20
4) 263-09-30	4) 49-45-20	4) 106-01-20	4) 137-52-40
6) 219-49-20	6) 74-38-00	6) 159-02-00	6) 206-49-00
155-47-23 ✓	12-26-20 ✓	26-30-20 ✓	34-28-10 ✓

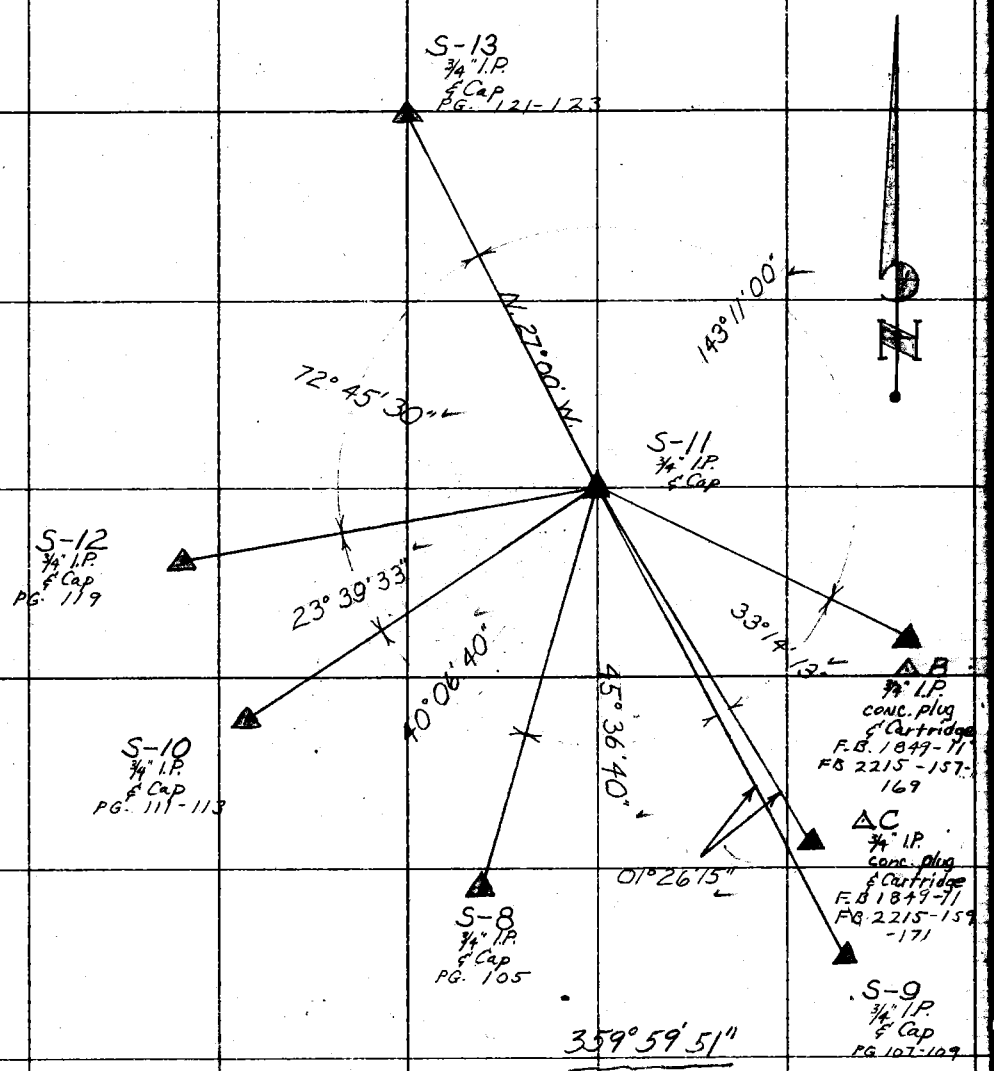
F.B. 2215 Pg. 114

Notes Ck'd by Miller	Survey of DUNE CN. RD.
Map No.	W. O. 0074.15 Tape No. St'd. °F
Office Work	Surveyed by L. V. SMITH & R.C. DALE
Checked	Notes R.C.B. Date 11-1-55
Date	Indexed J. C. Johnson

F.B. 2215 PG. 115

S-11

Set 3/4" I.P. stamped S-11 on a ridge 600'± E. of bottom of Ramera canyon & 8400'± N. of North line of Rancho Topanga-Malibu Sequit.



SEE PG. 117 FOR ANGLES TO "R" POINTS

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-11 FB 2215 PG. 115-117 HI. = 5.37 Elevation: 1322.99

SIGHT ON	ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	+ CURVATURE CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	
ΔB	-3.00	+04° 15' 00" +04° 14' 40" +04° 14' 50"	3360.48 .0742 641	+249.56		+251.93	+251.90	1574.89
ΔC	-1.00	+3° 27' 00" +3° 26' 40" +3° 26' 50"	.0602 381					
S-13	-1.00	+5° 01' 20" +5° 01' 20" +5° 01' 20"	978.983 .0878 795	+86.033		+90.403	+90.39	1413.38
S-9	-10.00	-2° 58' 20" -2° 58' 40" -2° 58' 30"	1289.691 .0519 703	-67.026		-71.656	-71.64	1251.35
S-8	-1.00	+00° 30' 00" +00° 29' 40" +00° 29' 50"	2624.293 .0086 784	+22.775		+27.145	+27.42	1350.41
S-10	-10.00	+11° 06' 20" +11° 06' 20" +11° 06' 20"	1653.649 .1962 929	+324.600		+319.970	+320.08	1643.07
S-12	-10.00	+7° 31' 00" +7° 30' 40" +7° 30' 50"	2714.125 .1318.991	+357.991		+353.361	+353.66	1676.65

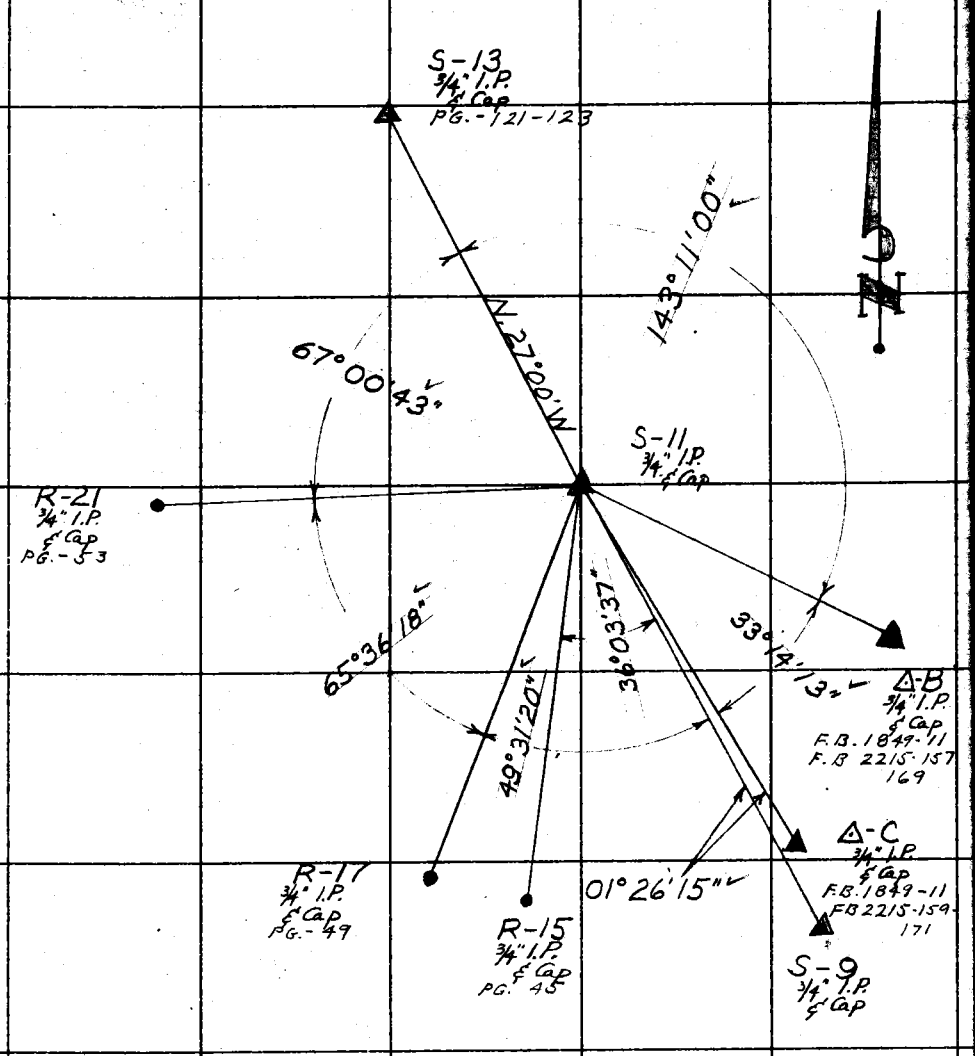
S-13 to ΔB	ΔB to ΔC	ΔC to S-9	S-9 to S-8	S-8 to S-10	S-10 to S-12	S-12 to S-13
1) 286° 22' 00" 2) 212° 43' 40" 3) 139° 06' 00" 143° 11' 00" ✓	2) 66° 28' 00" 4) 132° 56' 40" 6) 199° 25' 20" 33° 14' 13" ✓	2) 02° 52' 20" 4) 05° 45' 00" 6) 08° 37' 30" 01° 26' 15" ✓	2) 91° 13' 00" 4) 182° 26' 20" 6) 273° 40' 00" 45° 36' 40" ✓	2) 80° 12' 40" 4) 160° 26' 20" 6) 240° 40' 00" 40° 06' 40" ✓	2) 47° 19' 00" 4) 94° 38' 20" 6) 141° 57' 20" 23° 39' 33" ✓	2) 145° 31' 00" 4) 291° 02' 20" 6) 76° 33' 00" 72° 45' 30" ✓

Notes Ck'd by Miller	Survey of DUNE CN. RD.
Map No.	W. O. 00 14.15 Tape No. St'd. °F
Office Work	Surveyed by L. V. SMITH & R.C. DALE
Checked	Notes R.C.B. Date 11-1-55
Date	Indexed J. C. Johnson

F.B. 2215 Pg. 117

S-11

Set 3/4" I.P. stamped S-11 on ridge 600'± E. of bottom of Ramera canyon & 8400'± N. of North line of Rancho Topanga-Malibu Sequit.



SEE PG. 115 FOR ANGLES TO "S" POINTS

359° 59' 49"

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

Do not attend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-11 FB 2215 PG. 115 TO 117 HI = 5.37 Elevation = 1322.99

SIGHT ON	ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	- SUBSTRUCTURE CORRECTION	+ DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	
R-21	-10.00	-5° 03' 40" -5° 03' 20" -5° 03' 30"	1132.500 .0885 147	-100.243		-104.873	-105.01	1217.98
R-17	-10.00	-12° 53' 00" -12° 53' 00" -12° 53' 00"	851.258 .228 7244	-194.703		-199.333	-199.29	1123.70
R-15	-10.00	-8° 30' 40" -8° 31' 00" -8° 30' 50"	1600.916 1496 988	-239.655		-244.285	-244.40	1078.59

S-13 to Δ-B 2) 286° 22' 00" 4) 212° 43' 40" 6) 139° 06' 00" 143° 11' 00" ✓	Δ-B to Δ-C 2) 66° 28' 00" 4) 132° 56' 40" 6) 199° 25' 20" 33° 14' 13" ✓	Δ-C to S-9 2) 02° 52' 20" 4) 05° 45' 00" 6) 08° 37' 30" 01° 26' 15" ✓	S-9 to R-15 2) 72° 07' 00" 4) 144° 14' 20" 6) 216° 21' 40" 36° 03' 37" ✓	S-9 to R-17 2) 99° 02' 40" 4) 198° 05' 20" 6) 297° 08' 00" 49° 31' 20" ✓	R-17 to R-21 2) 131° 12' 20" 4) 262° 25' 00" 6) 33° 37' 50" 65° 36' 18" ✓	R-21 to S-13 2) 134° 01' 40" 4) 268° 02' 40" 6) 42° 04' 20" 67° 00' 43" ✓

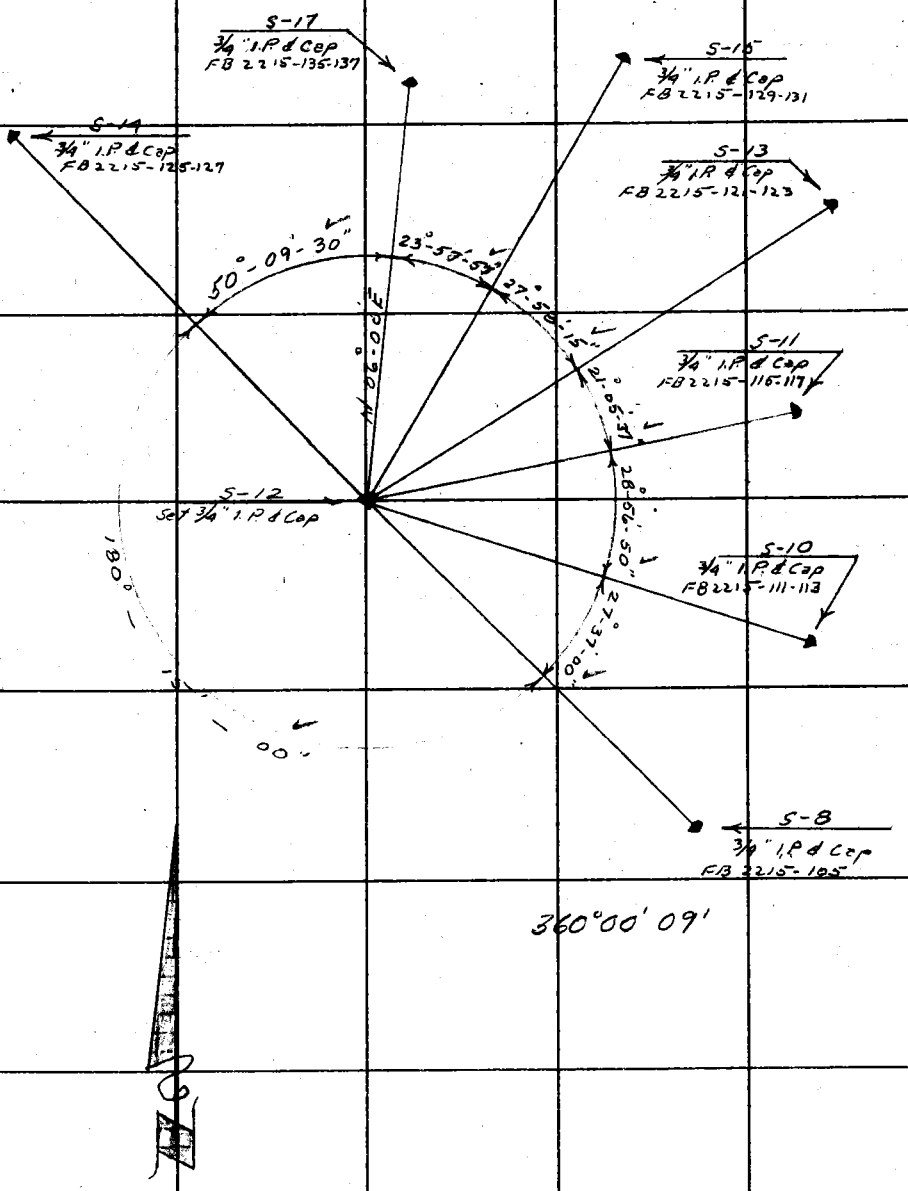
F.B. 2215 PG. 118

Notes Ck'd by Miller	Survey of Dume Cn Rd.
Map No.	W. O. 00074.15 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 11-3-55
Date	Indexed J. C. Johnson

F.B. 2215 Pg. 119

S-12

S-12 Set 3/4" I.P. & Cap Top of Spur 5300'± from Saddle that separates Dume & Newton Cns at end of "P" line from North 1500'± W of Cn bottom.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station S-12 FB 2215 Pg. 119 H.I. 4.86 Elevation = 1676.65

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	Elevation
S-14	-5.00	+ 4-16-00 + 4-16-00 + 4-16-00	2023.099 .0746 053	+ 150.934		+ 150.794	+ 150.78	1827.43
S-17	-5.00	- 4-14-20 - 4-14-00 - 4-14-10	3276.210 .0740 691	- 242.666		- 242.806	-241.59	1435.06
S-15	-5.00	- 5-53-40 - 5-53-20 - 5-53-30	2641.406 .1031 930	- 272.575		- 272.715	-272.07	1404.58
S-13	-5.00	- 5-48-00 - 5-47-40 - 5-47-50	2598.047 .1015 273	- 263.773		- 263.913	-263.27	1413.38
S-11	-5.00	- 7-26-00 - 7-25-40 - 7-25-50	2714.125 .1304 197	- 353.975		- 354.115	-353.66	1322.99
S-10	-5.00	- 1-24-40 - 1-24-20 - 1-24-30	1370.730 .0245 850	- 33.699		- 33.839	-33.58	1643.07
S-8	-5.00	- 6-36-20 - 6-36-00 - 6-36-10	2820.688 .1157 531	- 326.503		- 326.643	-326.24	1350.41

F.B. 2215 Pg. 120

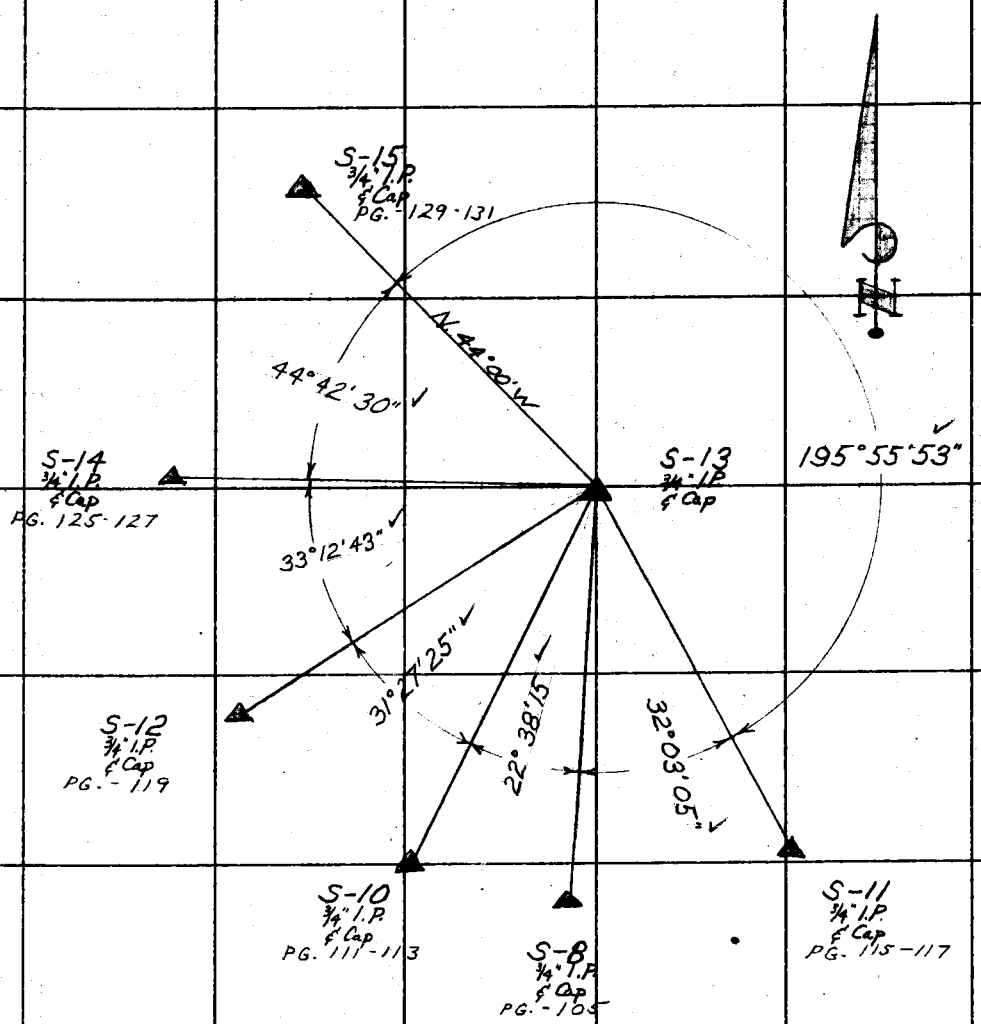
S-14 to S-17	S-17 to S-15	S-15 to S-13	S-13 to S-11	S-11 to S-10	S-10 to S-8	S-8 to S-14
2) 100-19-00	2) 47-56-00	2) 55-56-40	2) 42-11-00	2) 57-53-40	2) 55-14-00	2) 360-30-00
4) 200-38-00	4) 95-52-00	4) 111-53-00	4) 84-22-20	4) 115-47-20	4) 110-28-00	4) 361-00-00
6) 300-57-00 / 50-09-30 ✓	6) 143-47-40 / 23-57-57 ✓	6) 167-49-30 / 27-58-15 ✓	6) 126-33-40 / 21-05-37 ✓	6) 173-41-00 / 28-56-50 ✓	6) 165-42-00 / 27-37-00 ✓	6) 361-30-00 / 180-15-00 ✓

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 0074.15 Tape No. St'd. of
Office Work	Surveyed by L. V. SMITH & RC. DALE
Checked	Notes R.C.B. Date 11-3-55
Date	Indexed A. C. Johnson

F. B. 2215 Pg. 121

S-13

Set ¾" I.P. & Cap stamped S-13 on a side hill 1000'± E. of bottom of Ramera canyon & 9300'± N. of North line of Rancho Tepanga-Malibu Sequit



SEE PG. 123 FOR ANGLES TO "R" POINTS

359°59' 51"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

TRANSIT AT STATION S-13 F.B. 2215 PG. 121-123 HT. = 4.34 Elevation = 1413.38

SIGHT ON	ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	CURVATURE CORRECTION	DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	
S-11	-10.00	-4° 57' 00" -4° 56' 30" -4° 56' 45"	978.983 .0865 361	- 84.717		-90.377	- 90.39	1322.99
S-8	-10.00	-0° 57' 30" -0° 58' 00" -0° 57' 45"	.0168 004					
S-10	-3.00	+6° 28' 00" +6° 27' 30" +6° 27' 45"	2013.642 .1132 727	+ 228.091		+229.431	+ 229.69	1643.07
S-12	-6.00	+5° 49' 30" +5° 49' 00" +5° 49' 15"	2598.047 .1019 437	+ 264.855		+263.195	+ 263.27	1676.65
S-14	-3.00	+6° 31' 00" +6° 30' 30" +6° 30' 45"	3611.698 .1141 566	+ 412.299		+ 413.639	+ 414.05	1827.43
S-15	-10.00	-0° 08' 30" -0° 09' 00" -0° 08' 45"	1266.869 .0025 453	- 3.225		-8.885	- 8.80	1404.58

S-11 to S-8	S-8 to S-10	S-10 to S-12	S-12 to S-14	S-14 to S-15	S-15 to S-11
2) 64° 06' 00"	2) 45° 16' 30"	2) 62° 54' 30"	2) 66° 25' 30"	2) 89° 24' 45"	2) 31° 51' 30"
4) 128° 12' 15"	4) 90° 33' 00"	4) 125° 49' 30"	4) 132° 50' 45"	4) 178° 49' 45"	4) 63° 43' 30"
6) 192° 18' 30"	6) 135° 49' 30"	6) 188° 44' 30"	6) 199° 16' 15"	6) 268° 15' 00"	6) 95° 35' 15"
32° 03' 05" ✓	22° 38' 15" ✓	31° 27' 25" ✓	33° 12' 43" ✓	44° 42' 30" ✓	195° 55' 53" ✓

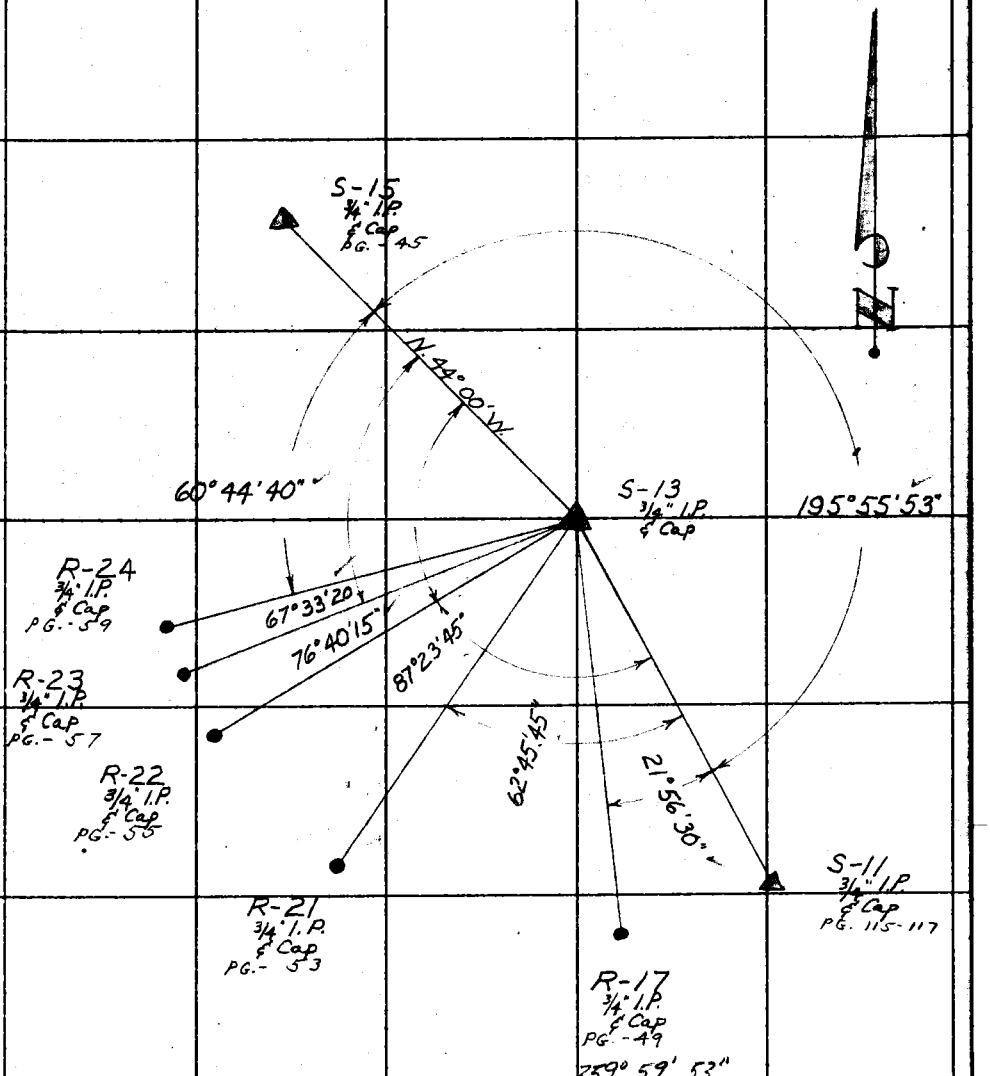
F.B. 2215 Pg. 124

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. 08415 Tape No. St'd. of
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes R.C.B. Date 11-3-55
Date	Indexed C. Johnson

F. B. 2215 Pg. 123

S-13

Set 3/4" I.P. & cap stamped S-13 on a side hill 1000'± E. of bottom of Ramera canyon & 9300'± N. of Northline of Rancho Topanga-Malibu Sequit.



See page 121 for angles to S points

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-84

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-13 F.B. 2215 PG. 123 H.I. = 4.34 Elevation = 1413.38

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	CURVATURE CORRECTION	DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	
R-17	-10.00	- 9° 36' 30" - 9° 36' 00" - 9° 36' 15"	1676.701 .1692 121	- 283.718		-289.378	-289.68	1123.70
R-21	-10.00	- 9° 11' 00" - 9° 11' 30" - 9° 11' 15"	1172.591 .1617 408	- 189.656		-195.316	-195.40	1217.98
R-22	-10.00	- 4° 18' 00" - 4° 18' 00" - 4° 18' 00"	1608.029 .0751 904	-120.908		-126.568	-126.69	1286.69
R-23	-10.00	- 3° 33' 30" - 3° 33' 30" - 3° 33' 30"	1696.463 .0621 846	- 105.494		-111.154	-111.36	1302.02
R-24	-10.00	- 2° 39' 00" - 2° 39' 00" - 2° 39' 00"	2059.329 .0462 842	- 95.083		-100.74	-101.06	1312.32

S-11 to R-17	S-11 to R-21	S-11 to R-22	S-15 to R-22	S-15 to R-23	S-15 to R-24
2) 43° 53' 00"	2) 125° 31' 30"	2) 174° 47' 30"	2) 153° 20' 30"	2) 135° 06' 30"	2) 121° 29' 30"
4) 87° 46' 00"	4) 251° 03' 00"	4) 349° 35' 00"	4) 306° 41' 00"	4) 270° 13' 00"	4) 242° 58' 30"
6) 131° 39' 00"	6) 16° 34' 30"	6) 164° 22' 30"	6) 100° 01' 30"	6) 45° 20' 00"	6) 364° 28' 00"
21° 56' 30" ✓	62° 45' 45" ✓	87° 23' 45" ✓	76° 40' 15" ✓	67° 33' 20" ✓	60° 44' 40" ✓

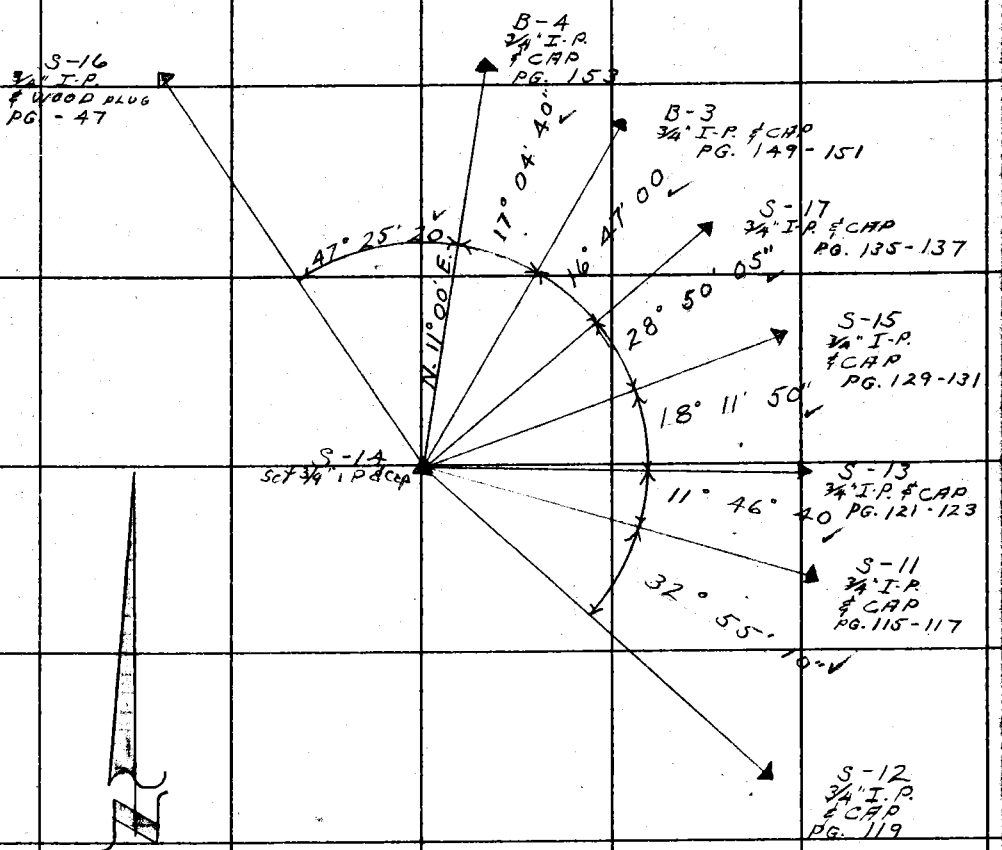
F.B. 2215 PG. 124

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 34.15 Tape No. St'd. °F
Office Work	Surveyed by L. V. SMITH & R. C. DALE
Checked	Notes L. V. S. Date 11-2-55
Date	Indexed J. C. Johnson

F. B. 2215 Pg. 125

S-14

S-14 Set 3/4" I.P. & Cap Top of Ridge that seperates Zuma & Dume Cn's 3500'± S. from Saddle that seperates Dume & Newton Cn at end of "P" line from North 2200'± W of Cn bottom



See Page 127 for angles to "R" points

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-14 F.B. 2215 PG. 125 H.I. 4.67 Elevation 1827.43

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
B-3	-10.00	- 0° 24' 00"						
		- 0 24 00						
		- 0° 24' 00"	.0069 814					
B-4	-1.00	+ 0° 25' 00						
		+ 0 24 30						
		+ 0° 24' 45"	.0071 996					
S-17	-10.00	- 8° 45' 00	2516.525					
		- 8° 45 00		- 387.330		-392.660	-392.37	1435.06
		- 8° 45' 00"	.1539 147					
S-15	-10.00	- 8° 19' 30	2854.039					
		- 8 20 00		- 417.843		-423.173	-422.85	1404.58
		- 8° 19' 45"	.1464 042					
S-13	-10.00	- 6° 27' 30"	3611.698					
		- 6° 27 00		- 408.575		-413.905	-414.05	1413.38
		- 6° 27' 15"	.1131 254					
S-11	-10.00	- 6° 48 00	4179.691					
		- 6 48 30		- 498.706		-504.036	-504.04	1322.99
		- 6° 48' 15"	.1193 165					

S-16 TO B-4
2) 94° 51' 00"
4) 189 41 30
6) 284 32 00
47° 25' 20" ✓

B-4 TO B-3
2) 34° 09' 00"
4) 68 18 30
6) 102 28 00
17° 04' 40" ✓

B-3 TO S-17
2) 33° 34' 00"
4) 67 07 45
6) 100 42 00
16° 47' 00" ✓

S-17 TO S-15
2) 57° 39' 30"
4) 115 20 00
6) 173 00 30
28° 50' 05" ✓

S-15 TO S-13
2) 36° 23' 30"
4) 72 47 00
6) 109 11 00
18° 11' 50" ✓

S-13 TO S-11
2) 23° 33' 00"
4) 47 06 30
6) 70 40 00
11° 46' 40" ✓

S-11 TO S-12
2) 65° 50' 00
4) 131 40 30
6) 197 31 00
32° 55' 10" ✓

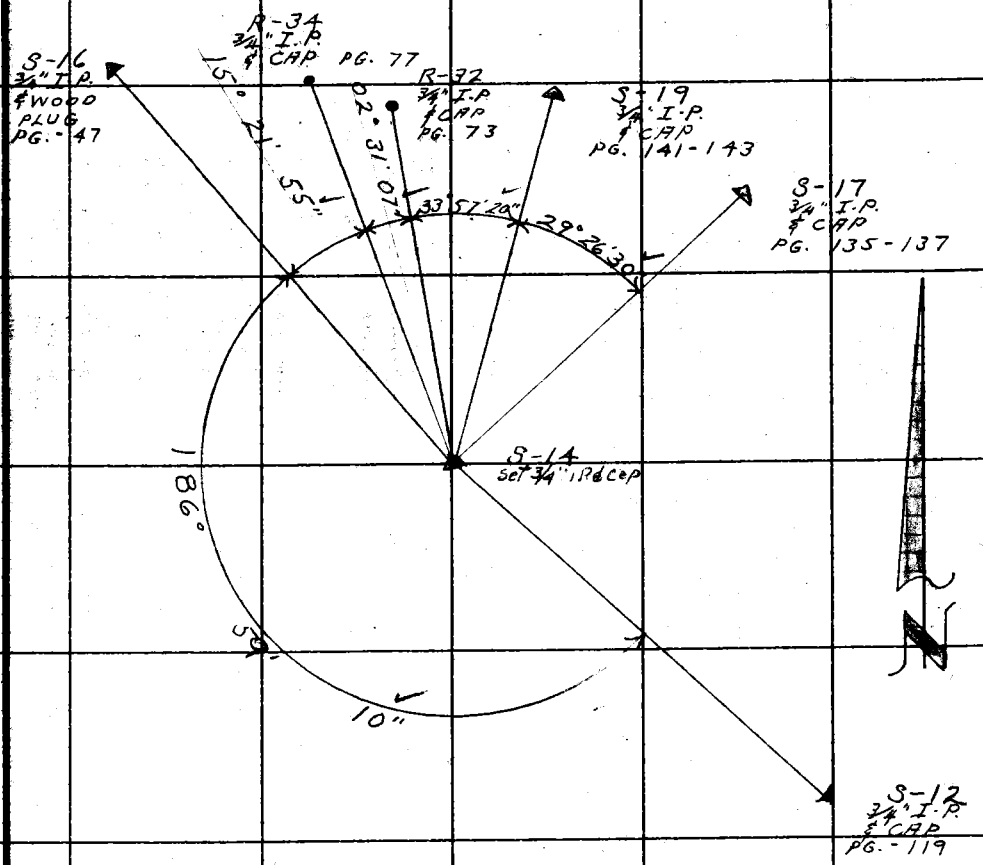
F.B. 2215 PG. 126

Notes Ck'd by Miller	Survey of DUME CN RD.
Map No.	W. O. 4-15 Tape No. St'd. °F
Office Work	Surveyed by L. V. SMITH & R. C. BALE
Checked	Notes L. V. S. Date 11-2-55
Date	Indexed R. C. Johnson

F. B. 2215 Pg. 127

S-14

S-14 Set 3/4" I.P. & Cap Top of Ridge that Seperates Zuma & Dume Cn 350'± from Saddle that seperates Dume & Newton Cn. at end of "P" line from North 2200'± W of Cn Bottom



See page 125 for angles to 5 points

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 without notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-14 F.B. 2215 PG. 127 HT 4.67 Elevation = 1827.03

SIGHT ON	ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ CURVATURE - DISTANCE	+ CURVATURE - CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	ELEV.
S-16	-1.00	+2° 41' 00 +2 40 30 +2° 40' 45"	1931.840' .0467944 ✓	+ 90.40 ✓		+ 94.07	+ 93.23	1921.36
S-19	-10.00	-6° 27 00 -6 27 30 -6° 27' 15"	2622.431 .1131 254	- 296.664		- 301.99	- 301.32	1526.11
R-34	-10.00	-3° 38' 30" -3 39 00 -3° 38' 45"	.0637 178					
R-32	-10.00	-4° 54' 00 -4 54 30 -4° 54' 15"	1595.816 .0858 035	- 136.927'		- 142.26	- 142.00	1685.43
S-12	-10.00	-4° 07' 00 -4° 07 00 -4° 07' 00"	2023.099 .0719 733	- 145.609		- 150.94	- 150.78	1676.65

S-12 TO S-16
2) 13° 58' 30"
4) 27 57 00
6) 41 55 00
186° 59' 10" ✓

S-16 TO R-34
2) 30° 43' 30"
4) 61 27 30
6) 92 11 30
15° 21' 55" ✓

R-34 TO R-32
2) 05° 02' 00"
4) 10 04 30
6) 15 06 45
2° 31' 07" ✓

R-32 TO S-19
2) 67° 54' 30"
4) 135 49 30
6) 203 44 00
33° 57' 20" ✓

S-19 TO S-17
2) 58° 53' 00"
4) 117 46 00
6) 176 39 00
29° 26' 30" ✓

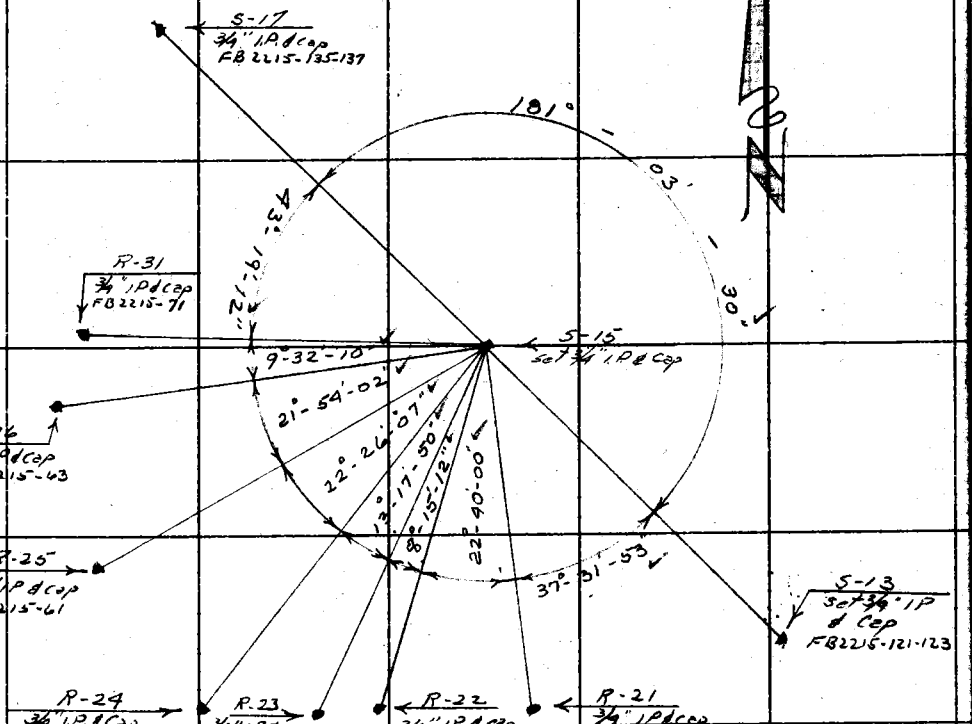
F.B. 2215 PG. 128

Notes Ck'd by Miller	Survey of Dume Cn. Rd
Map No.	W. O. 0034.15 Tape No. 135 Sr'd 84 of
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 11-1-55
Date	Indexed K. O. Johnson

F. B. 2215 Pg. 129

S-15

S-15 Set 3/4" I.P. & Cap on long spur 4500± from saddle that separates Dume & Newton Cns at end of "P" line from North 600± E of Cn. bottom



R-24	R-23	R-22	R-21	
S-13 to R-21	R-21 to R-22	R-22 to R-23	R-23 to R-24	R-24 to R-25
2) 75-03-50	2) 45-20-00	2) 16-30-30	2) 26-35-40	2) 44-52-20
4) 150-07-20	4) 90-40-00	4) 33-01-00	4) 53-11-20	4) 89-44-40
6) 225-11-20	6) 136-00-00	6) 49-31-10	6) 79-47-00	6) 134-36-40
37-31-53	22-40-00	8-15-12	13-17-50	22-26-07

R-25 to R-26	R-26 to R-31	R-31 to S-17	S-17 to S-13	
2) 43-48-00	2) 19-04-20	2) 86-38-20	2) 362-07-00	
4) 87-36-00	4) 38-08-30	4) 173-16-40	4) 364-14-00	
6) 131-24-10	6) 57-13-00	6) 259-55-10	6) 366-21-00	
21-54-02	09-32-10	43-19-12	181-03-30	
			359°59'56"	

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3096 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station S-15 FB. 2215 Pg # 129 HI = 4.84 Elevation = 1400.58

Sight On	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	Elevation
S-13	-5.00	+ 0-24-00 + 0-24-20 + 0-24-10	1266.869 .0070 293	+ 8.906		+8.746	+8.80	1413.38
R-21	-5.00	- 5-39-00 - 5-39-00 - 5-39-00	1887.415 .0989 320	- 186.726		-186.886	-186.60	1217.98
R-22	-5.00	- 3-49-40 - 3-49-20 - 3-49-30	1803.174 .0653 974	- 117.923		-118.083	-117.89	1286.69
R-23	-5.00	- 3-28-40 - 3-28-20 - 3-28-30	1685.785 .0607 247	- 102.369		-102.529	-102.56	1302.02
R-24	-5.00	- 2-54-20 - 2-54-40 - 2-54-30	1815.470 .0508 036	- 92.232		-92.392	-92.26	1312.32
R-25	-5.00	+ 1-12-40 + 1-12-40 + 1-12-40	1566.753 .0211 410	+ 33.123		+32.963	+32.74	1437.32
R-26	-5.00	+ 0-38-40 + 0-38-40 + 0-38-40	1598.327 .0112 482	+ 17.978		+17.818	+17.62	1422.20
R-31	-5.00	+ 2-36-20 + 2-36-40 + 2-36-30	2889.093 .0455 555	+ 131.614		+131.454	+130.95	1535.53
S-17	-5.00	+ 1-16-20 + 1-16-20 + 1-16-20	1376.625 .0222 081	+ 30.572		+30.412	+30.48	1435.06

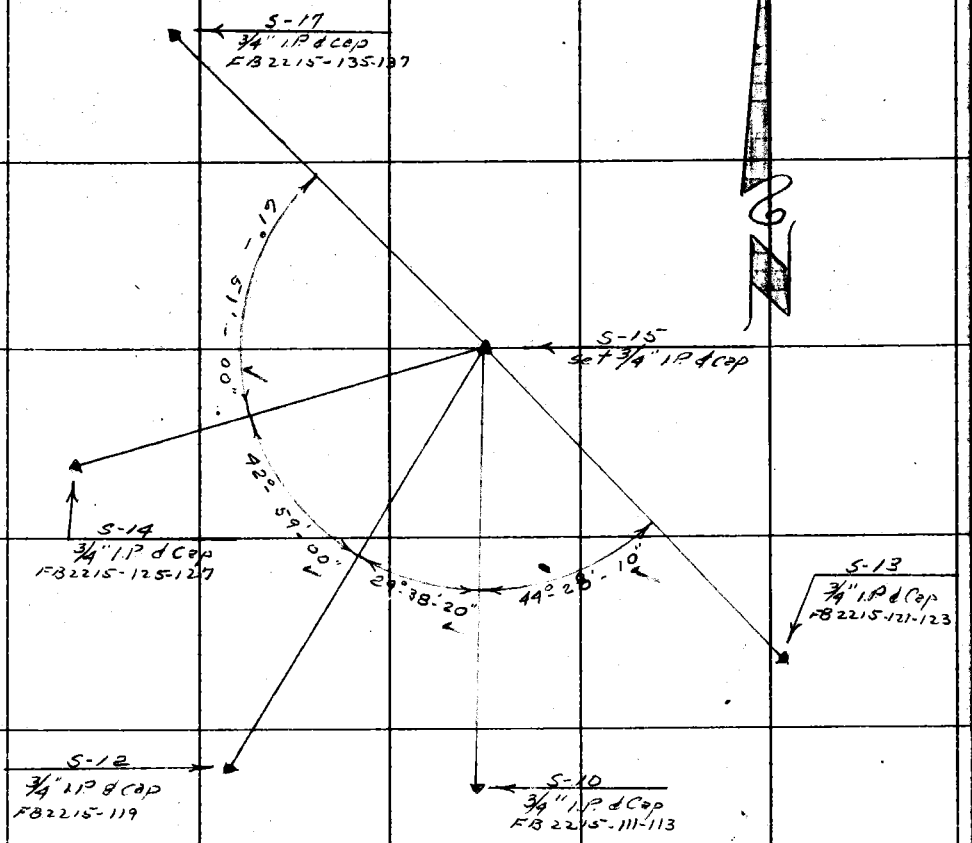
F.B. 2215 PG. 130

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 0074.15 Tape No. 135 St'd. 84° °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 11-1-35
Date	Indexed C. Johnson

F. B. 2215 Pg. 131

S-15

S-15 Set 3/4" I.P. & Cap on long spur 4500± from Saddle that seperates Dume & Newton Cns at end of "P" line from North 600'± E of Cn bottom.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station S-15 FB 2215 B = 131 H.I. 4.84 Elevation = 1404.58

Sight on	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	- Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
S-10	-10.00	+ 5-08-40 5-08-40 5-08-40	2711.465 .0900 296	+ 244.112		+ 238.952	+238.49	1643.07
S-12	-10.00	+ 5-59-40 + 5-59-40 + 5-59-40	2641.406 .1050 062	+ 277.364		+ 272.204	+272.07	1676.65
S-14	-10.00	+ 8-32-00 + 8-32-00 + 8-32-00	2854.039 .1500 458	+ 428.237		+ 423.077	+422.85	1827.43

S-13 to S-10	S-10 to S-12	S-12 to S-14	S-14 to S-17
2) 88-56-20	2) 59-16-40	2) 85-58-00	2) 123-42-00
4) 177-52-40	4) 118-33-20	4) 171-56-00	4) 247-24-00
6) 266-49-00	6) 177-50-00	6) 257-54-00	6) 11-06-00
44-28-10 ✓	29-38-20 ✓	42-59-00 ✓	61-51-00 ✓

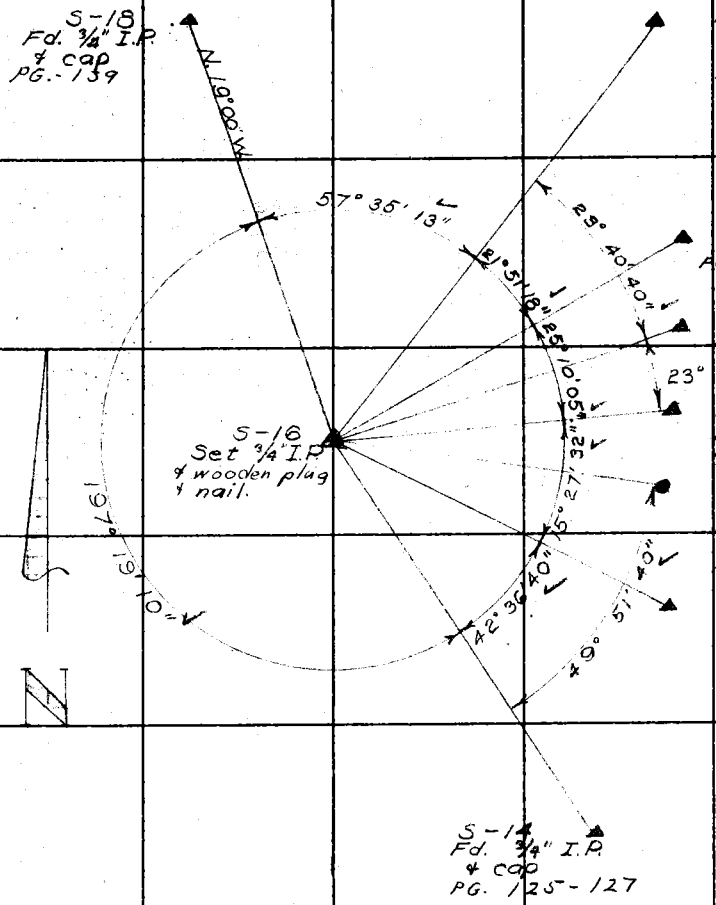
F.B. 2215 PG. 132

Notes Ck'd by Miller	Survey of DUME CÑ. RD.
Map No.	W. O. 0074.15 Tape No. Sr'd. #F
Office Work	Surveyed by L. V. SMITH & R. C. DALF
Checked	Notes CVC Date 11-2-56
Date	Indexed R. C. Johnson

F. B. 2215 Pg. 133

S-16

Set 3/4" I.P. & wooden plug & nail up 2" on a sharp peak on ridge separating Ramera Cñ. & Zuma Cñ., 2000'± S. of saddle separating Ramera Cñ. & Newton Cñ., & 975'± SW of bottom of Ramera Cñ.



359° 59' 57"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-16 F.B. 2215 PG. 133 H.I. 4.81 Elevation = 1921.36

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
S-18	-1.00'	+ 2° 30' 00" + 2 29 40 + 2° 29' 50"	1471.422 .0436 124	+ 64.172		+67.982	+68.16	1989.52
B-4	-10.00'	- 1° 01' 40" - 1 02 00 - 1° 01' 50"	3081.837 .0179 885	- 55.438		-60.628	-60.73	1860.63
B-3	-10.00	- 2° 04' 00" - 2 04 20 - 2° 04' 10"	3266.081 .0361 343	- 118.018		-123.208	-123.15	1798.21
S-19	-10.00	-10° 35' 40" -10 36 00 -10 35 50	2085.151 .1870 947	- 390.121		-395.311	-395.25	1526.11
S-17	-10.00	- 9° 19' 00" - 9 19 20 - 9° 19' 10"	2931.013 .1641 048	- 480.993		-486.183	-486.30	1435.06
R-32	-10.00	- 19° 47' 40" - 19 48 00 - 19° 47' 50"	640.771 .3590 674	- 230.66		- 235.85	-235.93	1685.43
S-15	-10.00	- 7° 21' 20" - 7 21 40 - 7° 21' 30"	.1291 379					
S-14	-10.00	- 2° 37' 40" - 2 38 00 - 2° 37' 50"	1931.840 .0459 441	- 88.76		- 93.95		1827.43

F.B. 2215 PG. 134

S-18 to B-4
2) 115° 10' 20"
4) 230 20 40
6) 345 31 20
57° 35' 13"

B-4 to B-3
2) 43° 42' 20"
4) 87 25 00
6) 131 07 50
21° 51' 18"

B-3 to S-17
2) 50° 20' 00"
4) 100 40 20
6) 151 00 30
25° 10' 05"

S-17 to S-15
2) 30° 55' 00"
4) 61° 50 00
6) 92 45 10
15° 27' 32"

S-15 to S-14
2) 85° 13' 00"
4) 170 26 40
6) 255 40 00
42° 36' 40"

S-14 to S-18
2) 34° 38' 20"
4) 69 16 40
6) 103 55 00
17° 19' 10"

B-4 to S-19
2) 47° 21' 20"
4) 94 42 40
6) 142 04 00
23° 40' 40"

S-19 to S-17
2) 46° 41' 00"
4) 93 22 40
6) 140 04 10
23° 20' 42"

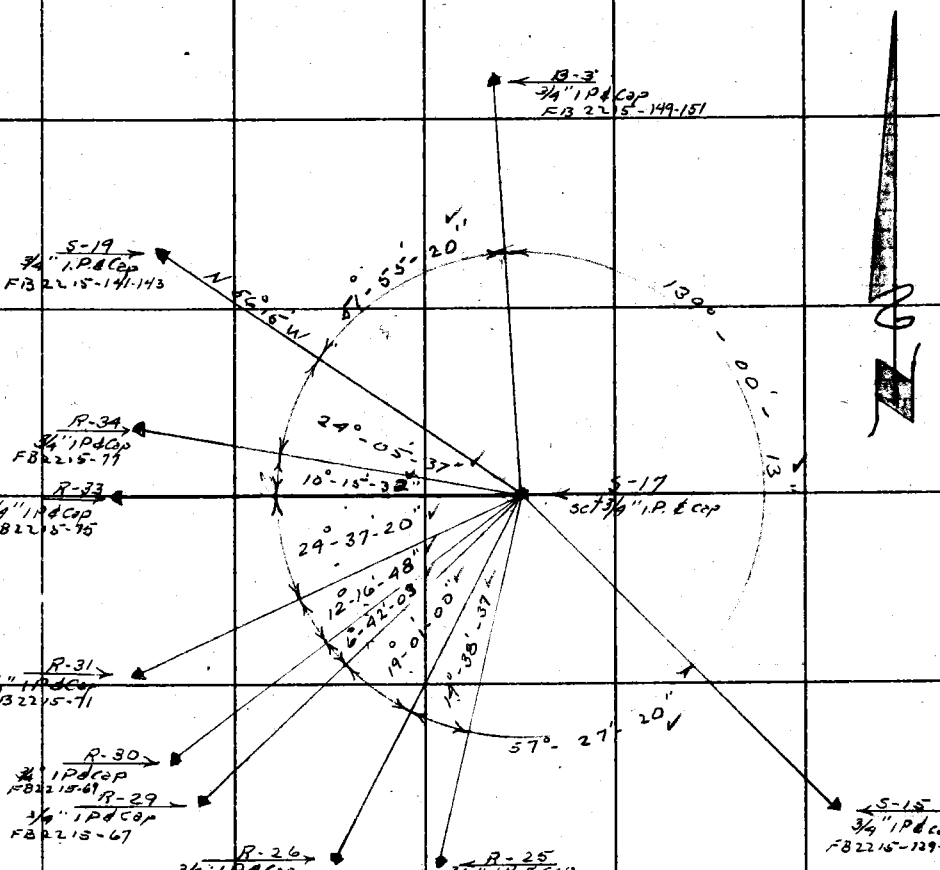
R-32 to S-14
2) 90° 43' 00"
4) 198 26 20
6) 299 10 00
49° 51' 40"

Notes Ck'd by Miller	Survey of Dume Cn. Rd.
Map No.	W. O. 0074.15 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L.L. Smith
Checked	Notes R.C. Dale Date 10-31-55
Date	Indexed J. C. Johnson

F.B. 2215 Pg. 135

S-17

S-17 Set 3/4" I.P. & Cap on long Spur 3000'± from Saddle that seperates Dume & Newton Cns at end of "P" line from North 800'± E of Cn Bottom.



S-15 to R-25	R-25 to R-26	R-26 to R-29	R-29 to R-30	R-30 to R-31
2) 114-54-40	2) 29-17-00	2) 38-02-00	2) 13-24-10	2) 24-33-40
4) 229-49-20	4) 58-34-20	4) 76-04-00	4) 26-48-10	4) 49-07-10
6) 344-44-00	6) 87-51-40	6) 114-06-00	6) 40-12-20	6) 73-40-50
57°-27'-20"	14°-38'-37"	19°-01'-00"	6°-42'-03"	12°-16'-48"

R-31 to R-33	R-33 to R-34	R-34 to S-19	S-19 to B-3	B-3 to S-15
2) 49-14-40	2) 20-31-00	2) 48-11-10	2) 103-50-40	2) 278-00-30
4) 98-29-20	4) 41-02-00	4) 96-22-20	4) 207-41-20	4) 196-01-00
6) 147-44-00	6) 61-33-10	6) 144-33-40	6) 311-32-00	6) 114-01-20
24°-37'-20"	10°-15'-32"	24°-05'-37"	51-55-20	139-00-13

359°59'50"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station S-17 F.B. 2215 P. 135 H.I. 4.85 Elevation = 1435.06

Sight on	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
S-15	-5.00	-1-15-40 -1-16-00 -1-15-50	1376.625 .0220 626	-30.372		-30.522	-30.48	1404.58
R-25	-9.00	+0-12-20 +0-12-20 +0-12-20	1793.223 .0035 876	+6.433		+2.28	+2.26	1437.32
R-26	-5.00	-0-33-20 -0-33-00 -0-33-10	1338.875 .0096 481	-12.918		-13.068	-12.86	1422.20
R-29	-10.00	+2-09-40 +2-10-00 +2-09-50	1467.683 .0377 850	+55.456		+50.306	+50.20	1485.26
R-30	-5.00	+3-04-00 +3-04-00 +3-04-00	1803.887 .0535 746	+96.643		+96.493	+96.44	1531.50
R-31	-5.00	+2-43-20 +2-43-40 +2-43-30	2110.675 .0475 961	+100.460		+100.310	+100.47	1535.53
R-33	-5.00	+5-10-00 +5-10-20 +5-10-10	2466.927 .0904 694	+223.181		+223.031	+222.90	1657.96
R-34	-5.00	+4-54-40 +4-54-40 +4-54-40	2697.236 .1035 360	+279.261		+279.111	+231.75	1666.81
S-19	-5.00	+3-58-40 +3-59-00 +3-58-50	1310.109 .0695 860	+91.165		+91.015	+91.05	1526.11
B-3	-5.00	+14-38-20 +14-38-40 +14-38-30	1389.438 .2612 572	+363.001		+362.851	+363.15	1798.21

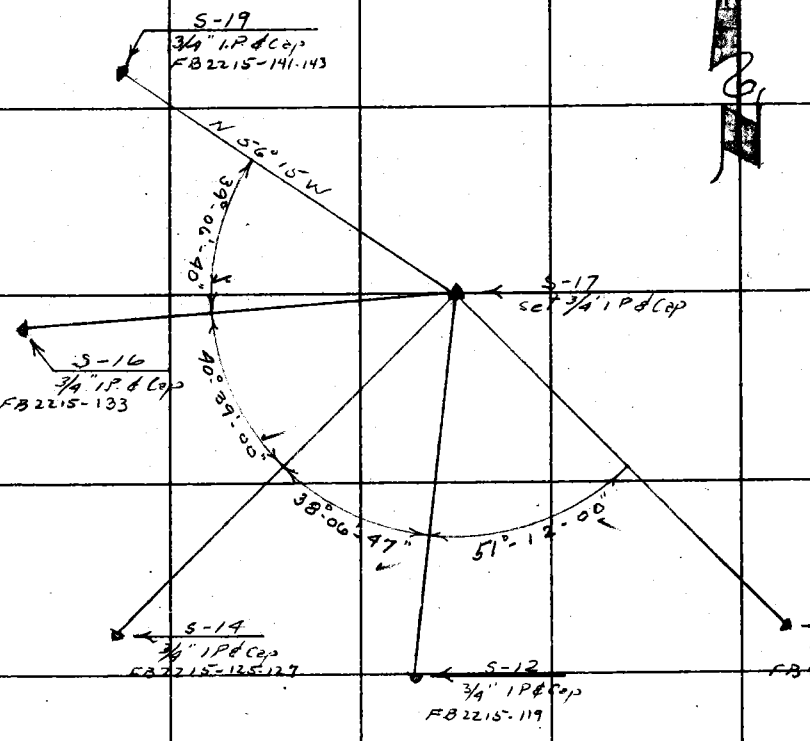
F.B. 2215 PG. 136

Notes Ck'd by Miller	Survey of Dume Cn. Rd.
Map No.	W. O. 0029.15 Tape No. 135 Std. 84 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-31-55
Date	Indexed C. Johnson

F. B. 2215 Pg. 137

S-17

S-17 Set 3/4" I.P & Cap on long Spur 8000' from Saddle That separates Dume & Newton Cns at end of "P" line from North 800' E of Cn bottom.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 6-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station S-17 F.B. 2215 Pg. 137 HI = 4.85 Elevation = 1835.06

Sight on	- Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
S-12	-10.00	+4-18-40 +4-18-40 +4-18-40	3276.210 .0753 854	+246.978		+241.828	+241.59	1676.65
S-14	-10.00	+8-59-20 +8-59-20 +8-59-20	2516.525 .1581 857	+398.078		+392.928	+392.37	1827.43
S-16	-10.00	+9-30-40 +9-31-00 +9-30-50	2931.013 .1675 918	+491.214		+486.064	+486.30	1921.36

S-15 to S-12	S-12 to S-14	S-14 to S-16	S-16 to S-19
2) 102-24-00	2) 76-13-40	2) 81-18-00	2) 78-13-20
4) 204-48-00	4) 152-27-10	4) 162-36-00	4) 156-26-40
6) 307-12-00	6) 228-40-40	6) 243-54-00	6) 234-40-00
51-12-00 ✓	38-06-47 ✓	40-39-00 ✓	39-06-40 ✓

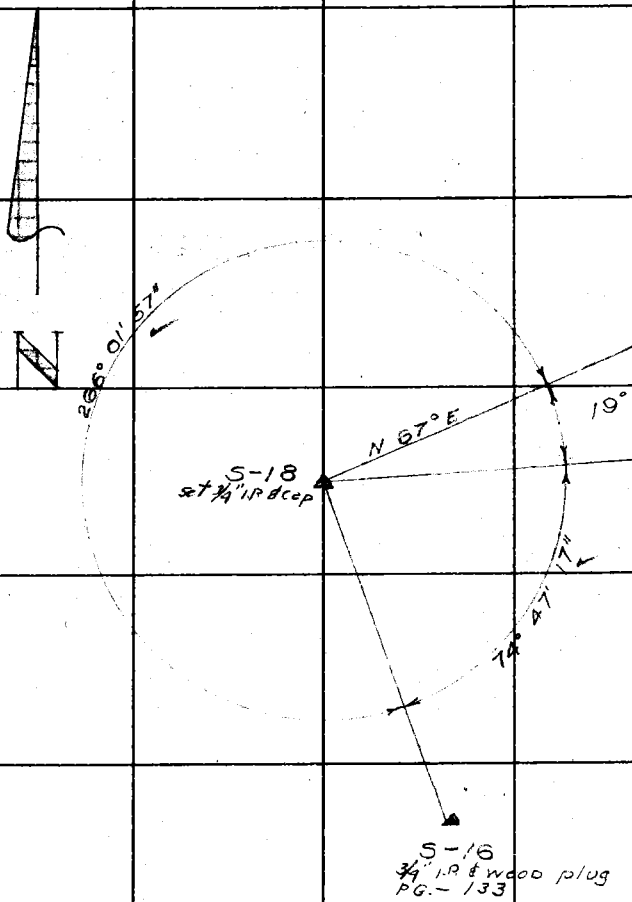
F.B. 2215 PG. 138

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W. O. 0074.15 Tape No. St'd. °F
Office Work	Surveyed by L. V. SMITH + R.C. DALE
Checked	Notes C.V.C. Date 10-25-55
Date	Indexed [redacted] O. Johnson

F. B. 2215 Pg. 139

S-18

R-18 set 3/4" I.P & Cap on high ridge 800± W and above saddle that seperates Dume & Newton Cns at end of "P" line from North.



359°59"54"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION S-18 F.B. 2215 PG. 139 H.I. 4.98 Elevation = 1989.52

SIGHT ON	-ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
B-4	-10.00	- 2° 43' 00" - 2° 43 20 - 2° 43' 10"	2607.997 .0474 989	-123.877		-128.897	-128.89	1860.63
B-3	-10.00	- 3° 12' 00" - 3 12 20 - 3° 12' 10"	3327.366 .0559 573	-186.190		-191.210	-191.31	1798.21
S-16	-10.00	- 2° 27' 20" - 2 27 40 - 2° 27' 30"	1471.422 .0429 324	-63.172		-68.192	-68.16	1921.36

B-4 to B-3

2) 38° 21' 20"
4) 76 42 40
6) 115 04 00
19° 10' 40" ✓

B-3 to S-16

2) 149° 34' 40"
4) 298 68 80
6) 448 03 40
74° 17' 17" ✓

S-16 to B-4

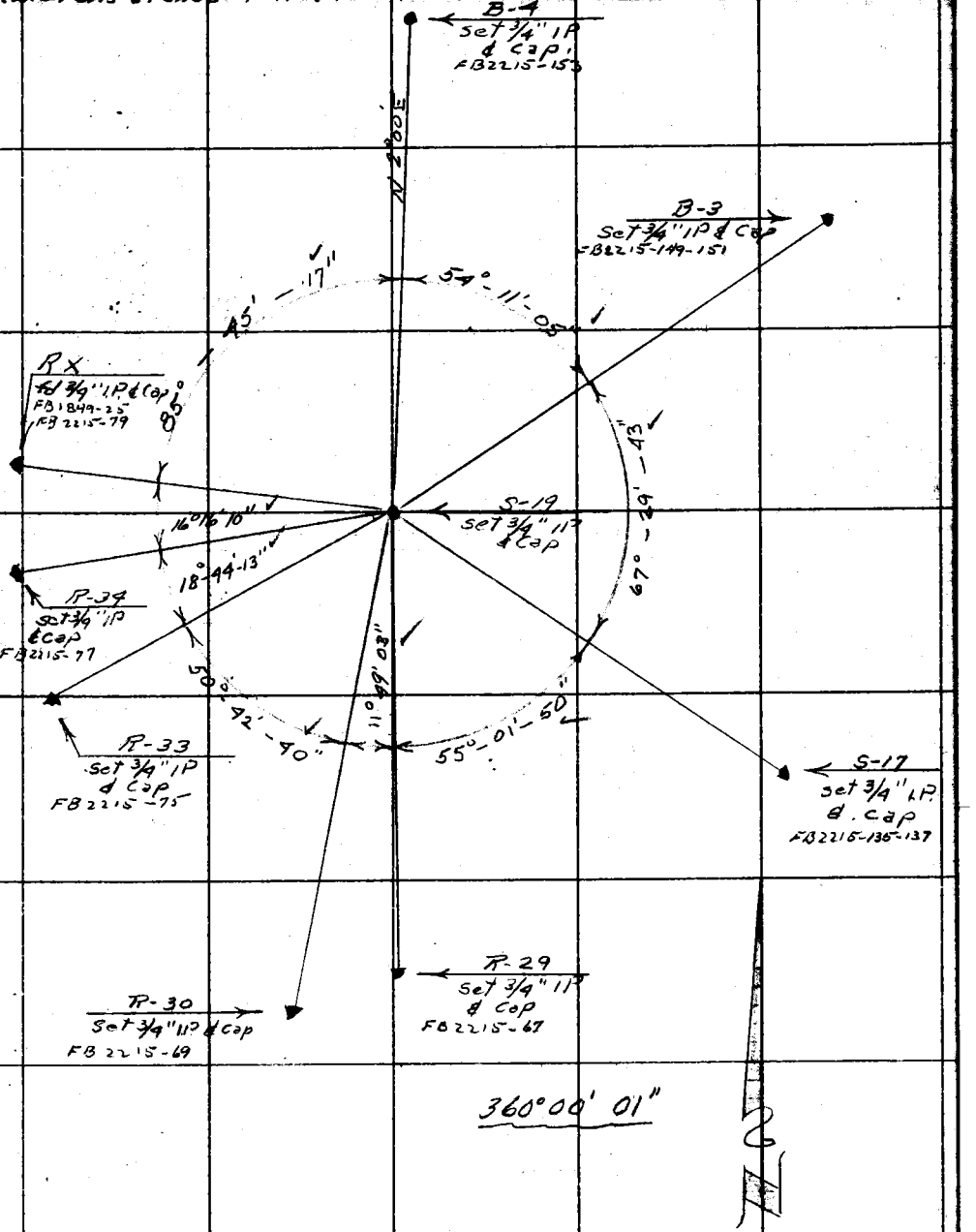
2) 172° 09' 40"
4) 344 08 00
6) 156 17 40
266° 01' 57" ✓

F.B. 2215 PG. 140

Notes Ck'd by Miller	Survey of Dune Cà Rd.
Map No.	W. O. 4.15 Tape No. 135 St'd. 82 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-22-55
Date	Indexed C. JOHNSON

F. B. 2215 Pg. 141.

S-19 Set 3/4" IP & cap on Spur 1890'± from Saddle that seperates Dune & Newton Cns at end of "P" line from N. 1300'± East of bottom of Cn.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station S-19 F.B. 2215 Pg. 141 HI = 4.95 Elevation = 1526.11

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature - Correction	+ Difference - Elevation	Adjusted Diff. Elevation	
S-17	-5.00	-3-59-40 -3-58-20 -3-58-30	1310.109 .0694 884	- 91.037		- 91.087	-91.05	1435.06
R-29	-5.00	-1-21-20 -1-21-00 -1-21-10	1751.593 .0236 148	- 41.364		- 41.414	-40.85	1485.26
R-30	-5.00	+0-10-00 +0-10-20 +0-10-10	1857.820' .0029 574'	+5.494'		+5.444'	+5.39	1531.50
R-33	-5.00	+4-48-00 +4-48-00 +4-48-00	1570.252' .0839 724	+131.86		+131.81	+131.85	1657.96
R-34	-5.00	+5-02-00 +5-02-20 +5-02-10	1593.699 .0881 238	+140.443		+140.393	+140.70	1666.81
R-X	-5.00	+7-13-20 +7-13-00 +7-13-10	1407.729 .1266 742	+178.323		+178.273	+178.34	1704.45
B-4	-5.00	+13-04-00 +13-04-20 +13-04-10	1440.626 .2321 452	+334.434		+334.384	+334.52	1860.63
B-3	-5.00	+12-56-20 +12-56-20 +12-56-20	1183.850' .2297 450'	+271.98		+271.93	+272.10	1798.21.

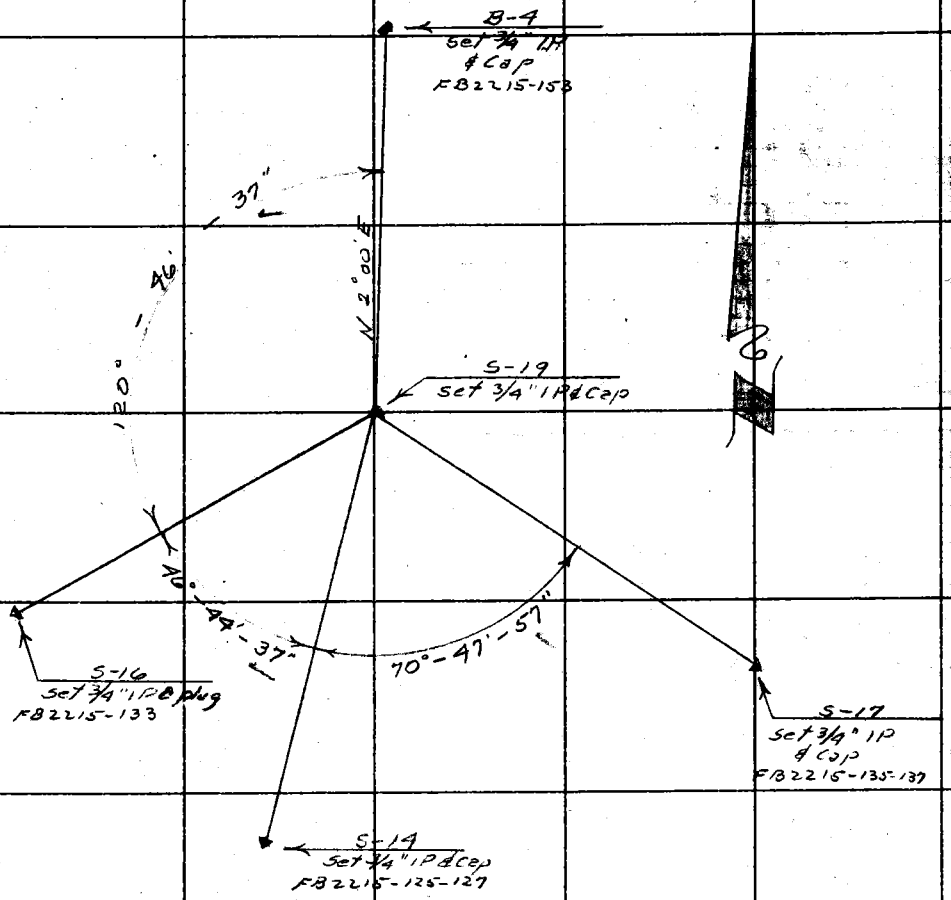
F.B. 2215 Pg. 142

S-17 to R-29	R-29 to R-30	R-30 to R-33	R-33 to R-34	R-34 to RX	RX to B-4	B4 to B-3	B-3 to S-17
2) 110-03-30	2) 23-38-10	2) 101-25-20	2) 37-28-20	2) 32-32-20	2) 171-30-40	2) 108-22-00	2) 134-59-30
4) 220-07-20	4) 47-16-00	4) 202-50-40	4) 74-56-50	4) 65-04-40	4) 343-01-10	4) 216-44-20	4) 269-59-00
6) 330-11-00	6) 70-54-20	6) 304-16-00	6) 112-25-20	6) 97-37-00	6) 154-31-40	6) 325-06-30	6) 44-58-20
55-01-50 ✓	11-49-03 ✓	50-42-40 ✓	18-44-13 ✓	16-16-10 ✓	85-45-17 ✓	54-11-05 ✓	67-29-43 ✓

Notes Ck'd by: Miller	Survey of: Dume Cr Rd.
Map No.	W. O. 9715 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by: R.C. Dale & L.V. Smith
Checked	Notes: R.C. Dale Date: 10-27-53
Date	Indexed: C. Johnson

F.B. 2215 Pg. 143

S-19
Set 3/4 I.P. & Cap on spur 1800'± from saddle that separates Dume & Newton Cns. at end of "P" line from North 1300'± East of bottom of Cn.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Sight on	- Rod	Station +Vertical -Angle	S-19 Horizontal Distance	F.B. 2215 +Vertical -Distance	Pg. # 143 Curvature Correction	H.I. = 4.95 +Difference -Elevation	Elevation = 1526.11 Adjusted Diff. Elevation	
S-14	-10.00	+6-39-40 +6-40-00 +6-39-50	2622.431 .1168 341	+306.389		+301.339	+301.32	1827.43
S-16	-10.00	+10-52-20 +10-52-20 +10-52-20	2085.151 .1920 669	+400.488		+395.438	+395.25	1921.36
		S-17 to S-14	S-19 to S-16	S-16 to B-4				
		2) 141-36-00	2) 93-29-00	2) 241-33-20				
		4) 283-12-00	4) 186-58-20	4) 123-06-30				
		6) 64-47-40	6) 280-27-40	6) 364-39-40				
		70-47-57 ✓	46-44-37 ✓	120-46-37 ✓				

F.B. 1215 PG. 144

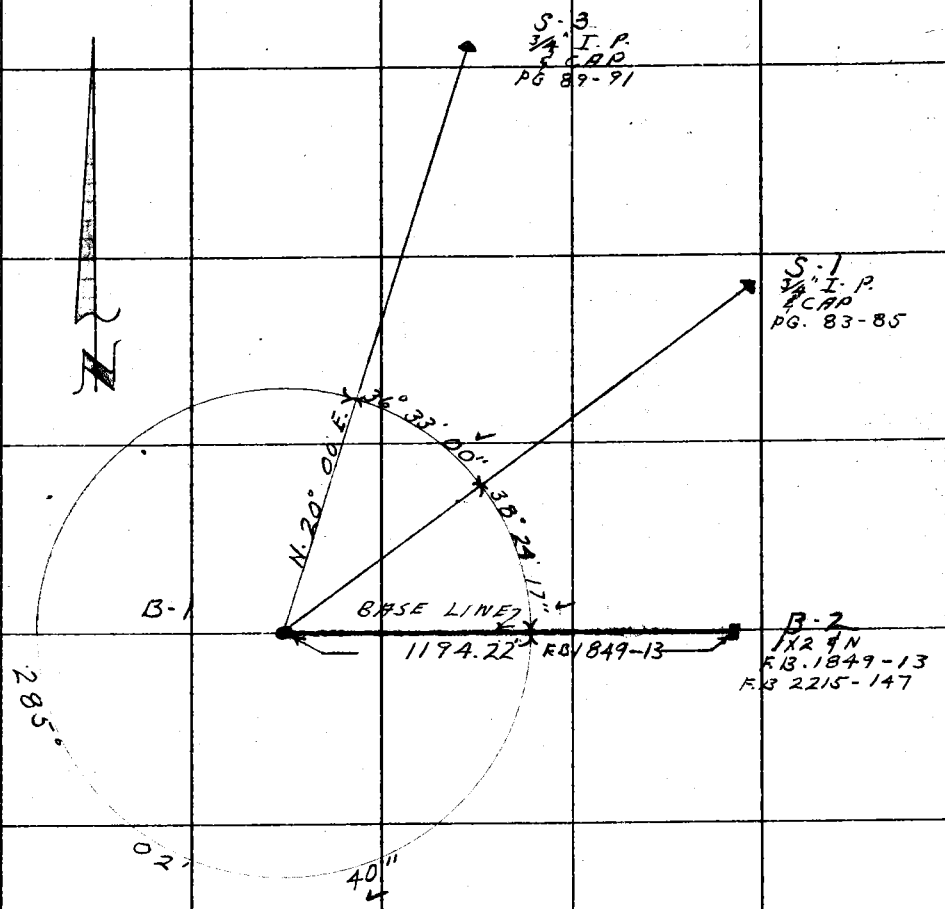
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of DUME CN. RD.
W. O. 0024.15 Tape No. Sr'd. °F
Surveyed by L.V. SMITH & R.C. DALE
Notes L.V.S. Date 10-20-55
Indexed C. Johnson

F.B. 2215 Pg. 145

B-1

FD. A STD. C.S. B.C. MON IN CONC. MARKED "COUNTY SURVEYOR R.E. 63 T.1.S. R.18 W. SEC. 31-32 R.O.T.M.S. C.C." F.B. 1849 PG 13



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 attach notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION B-1 F.B. 2215 PG. 145 H.I. 4.94 Elevation = 430.51

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
B-2	-4.00	+2° 15' 20" +2 16 00 +2° 15' 40"	1194.20 .0394 843	+ 47.152		+ 48.092	+48.08	478.59
S-1	-1.00	+11° 30' 00" +11 30 00 +11° 30' 00	1534.009 .203 4523	+ 312.098		+ 316.038	+316.05	746.56
S-3	-1.00	+11° 19' 00" +11 18 40 +11° 18' 50"	3028.520 .2000 718	+ 606.001		+ 609.941	+609.91	1040.48

S-3 TO S-1
2) 73° 05' 40"
4) 146 12 00
6) 219 18 00
36° 33' 00" ✓

S-1 TO B-2
2) 76° 48' 40"
4) 153 37 00
6) 230 25 40
38° 24' 17" ✓

B-2 TO S-3
2) 210° 05' 20"
4) 60 10 40
6) 270 16 00
285° 02' 40" ✓

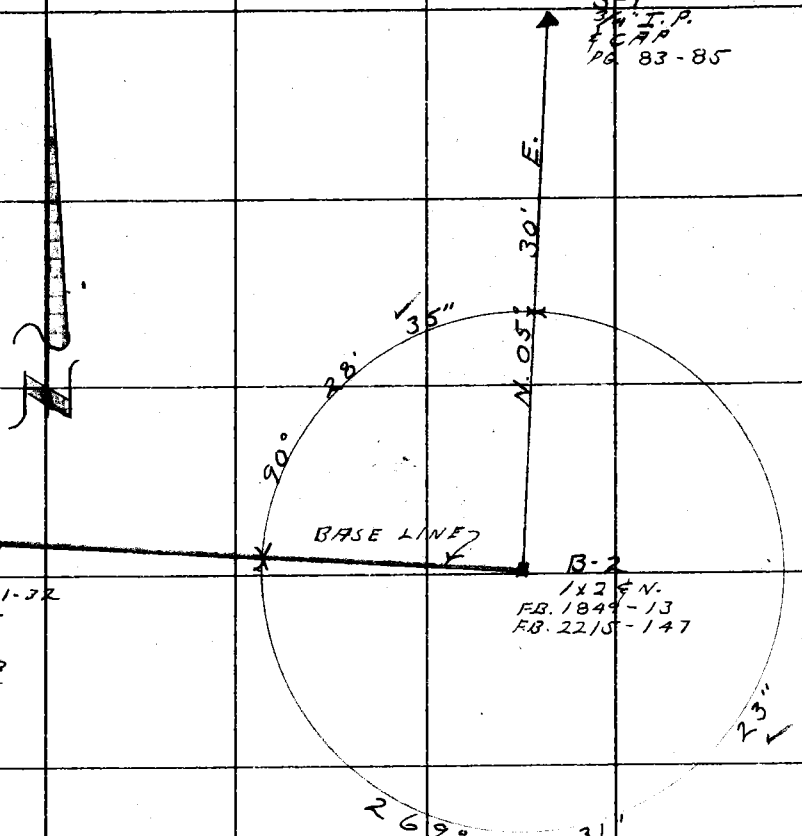
F.B. 2215 PG. 146

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

Survey of DOME CN. RD.
W. O. 8074.15 Tape No. St'd. °F
Surveyed by L.V. SMITH & R.C. DALE
Notes L.V.S. Date 10-17-55
Indexed C. Johnson

F. B. 2215 Pg. 147

B-2
FD 1X2 & NAIL ON TOP SPUR. F.B. 1849-13



359°59'58"

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

Do not school notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION B-2 F.B 2215 PG. 147 H.I. 5.18 Elevation = 478.39

SIGHT ON	-ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.	
B-1	-4.00	-2° 21' 40" -2 22 00 -2° 21' 50"	1194.20 .0412 811	-49.298		-48.118	-48.08	430.51
S-1	-2.00	+15° 32' 00" +15 31 40 +15° 31' 50"	952.972 .2778 989	+264.830		+268.010	+267.97	746.56

S-1 TO B-1

2) 179° 02' 40"
4) 358 05 40
6) 177 08 20
269° 31' 23" ✓

B-1 TO S-1

2) 180° 57 00
4) 01 54 20
6) 182 51 30
90° 28' 35" ✓

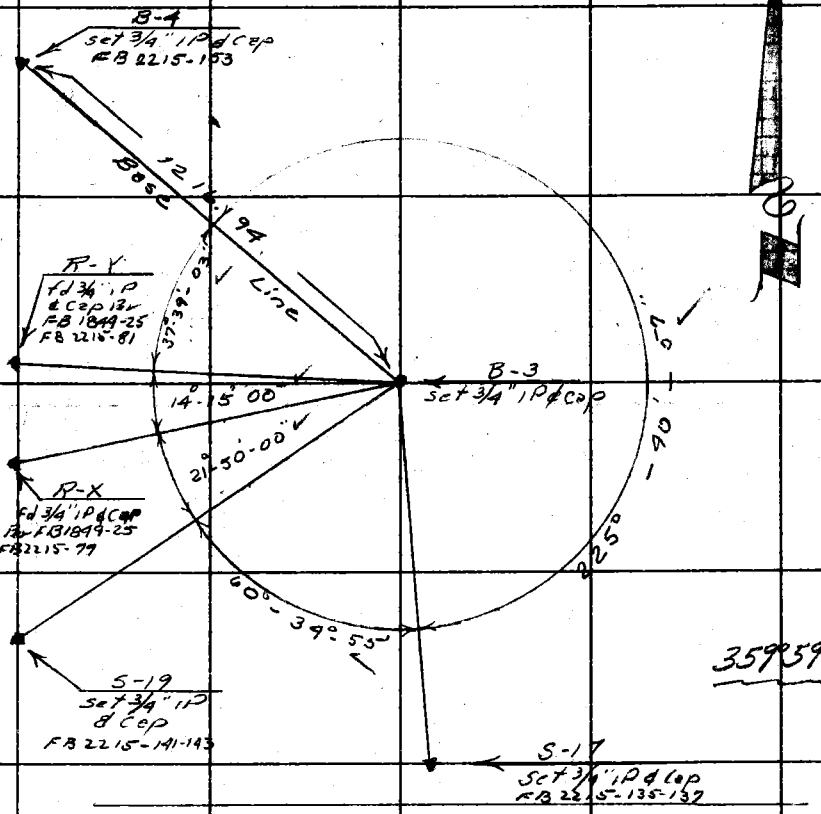
F.B. 2215 PG. 148

Notes Ck'd by: Miller	Survey of: Dume Cn. Rd
Map No.	W. O. 00745 Tape No. 136 St'd. 84 °F
Office Work	Surveyed by: RC Dale & LV Smith
Checked	Notes: R.C. Dale Date 10-28-55
Date	Indexed: L. C. Johnson

F. B. 2215 Pg. 199

B-3

B-3 Set 3/4" I.P. & Cap, on spur Start of N. Baseline 2000' SE. saddle that separates Dumeny & Newton Cns at end of "P" line from North. 1500' ± E Cn. bottom



Base Line Chaining Reductions From B-3 to B-4

297.57	@ 10°03'	T=56°	= 292.95	292.95
297.40	@ 9°52'	T=56°	= 292.95	
64.60	@ 6°33'	T=84°	= 64.18	64.18
64.65	@ 6°53'	T=84°	= 64.18	
95.61	@ 21°14'	T=84°	= 89.12	89.12
95.39	@ 20°52'	T=84°	= 89.13	
298.65	@ 10°47'	T=82°	= 293.38	293.37
298.45	@ 10°36'	T=82°	= 293.36	
128.61	@ 17°12'	T=84°	= 122.86	122.87
128.33	@ 16°46'	T=84°	= 122.87	
283.19	@ 7°22'	T=66	= 280.82	280.82
283.09	@ 7°12'	T=66	= 280.83	
74.89	@ 10°51'	T=90°	= 73.63	73.63
75.00	@ 10°57'	T=90°	= 73.63	
				1216.94

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3093 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station B-3 FB 2215 Pg 149 H.I. 4.98 Elevation = 1798.21

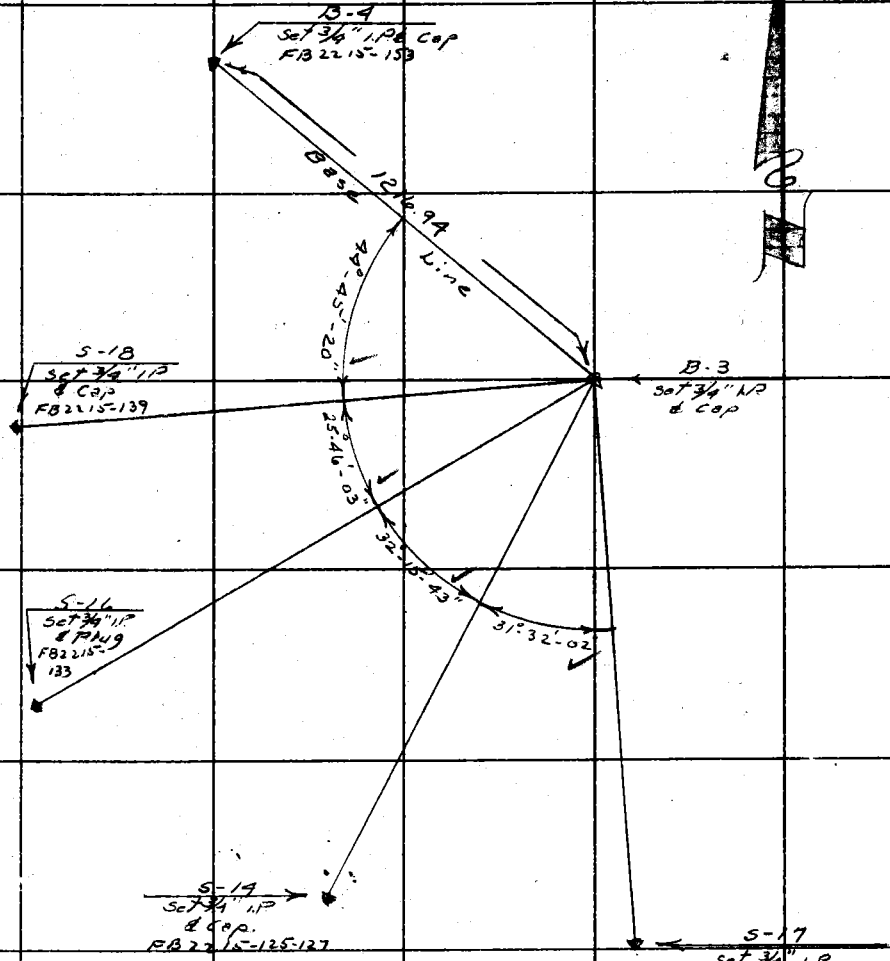
Sight On	-Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
S-17	-5.00	-14-39-00 -14-38-40 -14-38-50	1389.438 .2613 608	-363.145		-363.165	-363.15	1435.06
S-19	-5.00	-12-57-00 -12-56-40 -12-56-50	1183.850 .2298 982	-272.16		-272.18	-272.10	1526.11
R-X	-5.00	-2-13-20 -2-13-00 -2-13-10	2436.005 .0387 560	-94.410		-94.430	-93.76	1704.45
R-Y	-5.00	-1-43-00 -1-42-40 -1-42-50	2665.004 .0299 213	-79.740		-79.760	-79.06	1719.15
B-4	-5.00	+2-56-00 +2-56-00 +2-56-00	1216.840 1216.94 .0512 411	+62.358		+62.338	+62.42	1860.63
		S-17 To S-19 2) 121-09-40 4) 242-19-40 6) 363-29-30 60-34-55	S-19 To R-X 2) 43-39-50 4) 87-20-00 6) 131-00-00 21-50-00	R-X to R-Y 2) 28-30-00 4) 57-00-00 6) 85-30-00 14-15-00	R-Y To B-4 2) 75-18-00 4) 150-36-10 6) 225-54-20 37-39-03	B-4 to S-17 2) 91-21-40 4) 182-43-40 6) 274-05-40 225-40-57		

F.B. 2215 PG. 150

Notes Ck'd by Miller	Survey of Dunne Cn Rd
Map No.	W. O. 00741.5 Tape No. 133 St'd. 89 °F
Office Work	Surveyed by R.C. Dale & L.V. Smith
Checked	Notes R.C. Dale Date 10-28-55
Date	Indexed L. C. Johnson

F. B. 2215 Pg. 151

B-3 set 3/4" I.P. & cap on Spur Start of N. Baseline 2000' S.E. Saddle that separates Dunnet Newton Cns & end of "P" line from North. 1500' E of Cn bottom



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Sight on	Rod	Station + Vertical - Angle	B-3 Horizontal Distance	F.B. 2215 + Vertical - Distance	Pg. #151 + Curvature Correction	H.I. = 4.98 + Difference - Elevation	Elevation = 1798.21 Adjusted Elevation	
S-14	-10.00	+ 0-32-20 + 0-32-40 + 0-32-30	3593.557 .0034 542	+ 33.974		+28.954	+29.22	1827.43
S-16	-10.00	+ 2-15-00 + 2-15-00 + 2-15-00	3266.081 .039 2901	+ 128.325		+123.305	+123.15	1921.36
S-18	-5.00	+ 3-17-00 + 3-17-20 + 3-17-10	3327.366 .0574 164	+ 191.045		+191.025	+191.31	1989.52
		S-17 to S-14 2) 63-04-00 4) 126-08-00 6) 189-12-10 31-32-02 ✓	S-14 to S-16 2) 64-31-20 4) 129-02-40 6) 193-34-20 32-15-43 ✓	S-16 to S-18 2) 51-32-00 4) 103-04-00 6) 154-36-00 25-46-03 ✓	S-18 to B-4 2) 89-30-40 4) 179-01-20 6) 268-32-00 44-45-20 ✓			

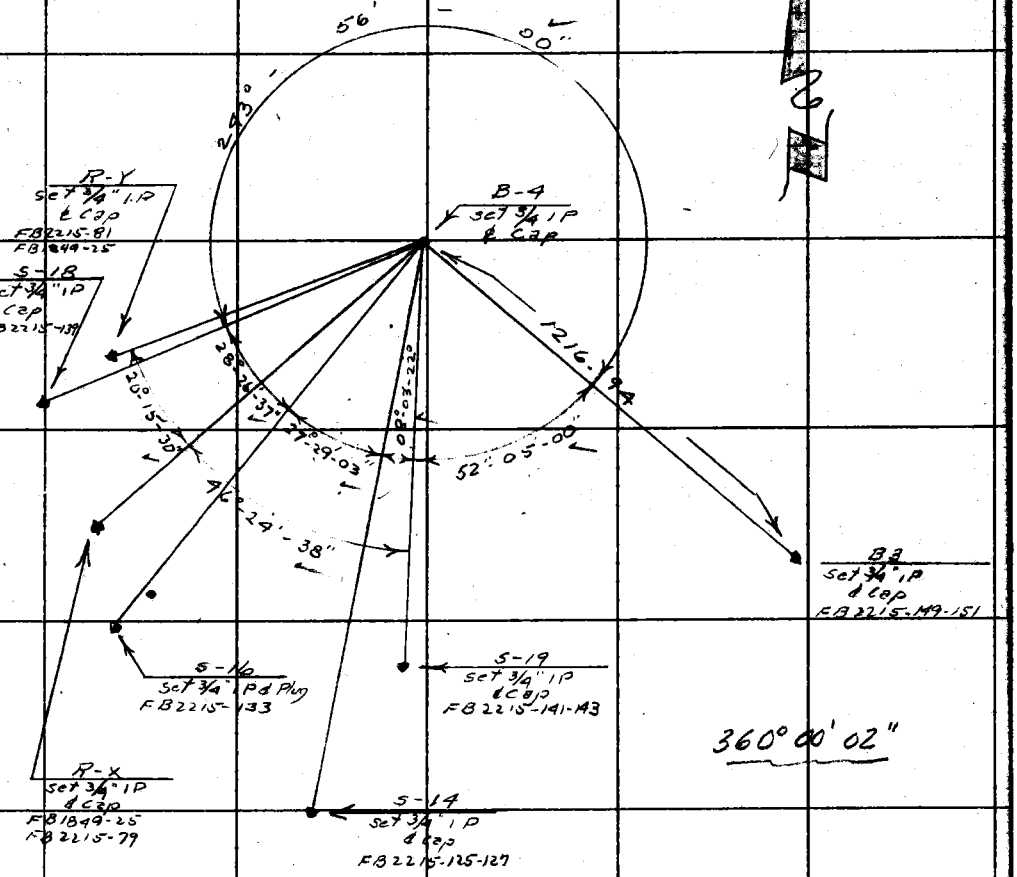
F.B. 2215 PG. 132

Notes Ck'd by Miller	Survey of Dume Cr Rd
Map No.	W.O. 0874415 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by R.C. Dale & L. V. Smith
Checked	Notes R.C. Dale Date 10-28-56
Date	Indexed C. Johnson

F.B. 2215 Pg. 153

B-4

Set 3/4" I.P. & cap. End of North Base line. On ridge just below Pomera Truck Trail lateral. East side of Pomera Cr road ± NE of end of "N" 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.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3093 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

Transit at Station B4 F.B. 2215 Pg. 153 H.I. 4.63 Elevation = 1860.63

Sight on	Rod	+ Vertical - Angle	Horizontal Distance	+ Vertical - Distance	+ Curvature Correction	+ Difference - Elevation	Adjusted Diff Elevation	
B-3	-5.00	-2-55-20 -2-55-00 -2-55-10	.0509908 1216.94	•62.053		-62.423	-62.42	1798.21
S-19	-5.00	-13-03-40 -13-03-20 -13-03-30	1440.626 2319.408	-334.140		-334.510	-334.52	1526.11
S-14	-10.00	-0-24-20 -0-24-00 -0-24-10	4041.072 .0070299	-28.408		-33.778	-33.20	1827.43
S-16	-10.00	+1-14-40 +1-14-40 +1-14-40	3081.837 .0217231	+66.947		+61.577	+60.73	1921.36
S-18	-10.00	+2-57-00 +2-57-20 +2-57-10	2607.997 .0515814	+134.524		+129.154	+128.89	1989.52
R-X	-10.00	-4-27-20 -4-27-40 -4-27-30	1938.284 .0779700	-151.128		-156.498	-156.18	1704.45
R-Y	-5.00	-4-21-20 -4-21-20 -4-21-20	1856.835 .0761656	-141.43		-141.80	-141.48	1719.15

	B3-To-S19	S-19 To S14	S-14 To S16	S-16 To S18	S18 To B3	S-19 To RX	RX To RY
2)	104-10-00	16-06-50	54-58-00	56-53-20	127-52-00	92-49-20	40-30-50
4)	208-20-00	32-13-40	109-56-20	113-46-20	255-44-00	185-38-40	81-01-50
6)	312-30-00	48-20-10	164-54-20	170-39-40	23-36-00	278-27-50	121-33-00
	52-05-00 ✓	08-03-22 ✓	27-29-03 ✓	28-26-37 ✓	243-56-00 ✓	46-24-38 ✓	20-15-30 ✓

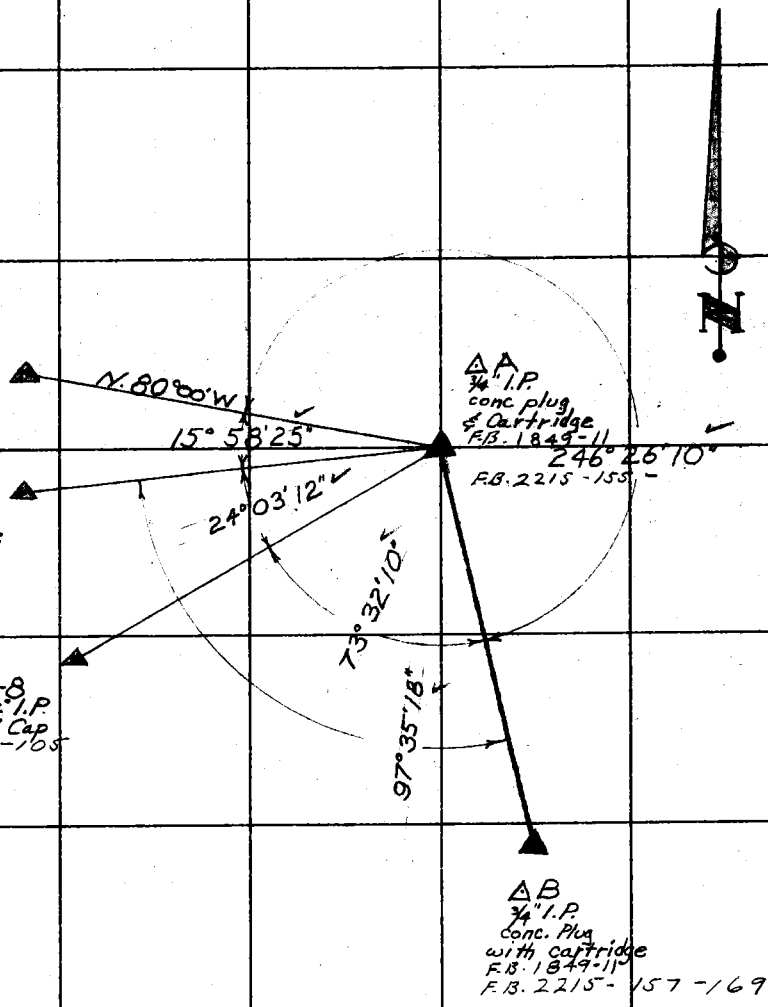
F.B. 2215 Pg. 154

Notes Ck'd by Miller	Survey of DUME CK RD.
Map No.	W. O. 0074.15 Tape No. Sr'd. °F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes R.C.B. Date 11-10-55
Date	Indexed L. C. Johnson

F.B. 2215 Pg. 155

△-A

FD. 3/4" I.P. with conc. plug & cartridge as per F.B. Pg. on a small knoll 3.8 Mi. North of Pacific Coast Hwy. by way of Ramera Truck Trail & 30'± E. of said trail. ± W. of 1/4 Cor. 20 & 29, T.2S., R.18W. on true line between 1/4 Cor 20 & 29 & Sec. Cor 19, 20, 29, 30, T.2S., R.18 W.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #287, 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION △A FB 1849 PG. 11 HI = 4.56 Elevation = 1644.98

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	±VERTICAL -DISTANCE	+CURVATURE CORRECTION	±DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	
△B	-10.00	-3° 49' 30" -3° 49' 30" -3° 49' 30"	963.29 .0668 582	-64.403		-69.843	-70.09	1574.89
S-8	-10.00	-4° 03' 30" -4° 04' 00" -4° 03' 45"	4,061.426 .0710 231	-288.455		-293.895	-294.57	1350.41
S-10	-8.50	-00° 00' 00" -00° 00' 00" -00° 00' 00"	4201.743			-3.940	-1.91	1643.07
S-11	-10.00	-6° 18' 00" -6° 18' 30" -6° 18' 15"	.1104 746					

S-11 to △B	△B to S-8	△-B to S-10	S-8 to S-10	S-10 to S-11
2) 132° 52' 30"	2) 147° 04' 00"	2) 195° 10' 30"	2) 48° 06' 15"	2) 31° 56' 45"
4) 265° 44' 45"	4) 294° 08' 30"	4) 30° 21' 15"	4) 96° 13' 00"	4) 63° 54' 00"
6) 38° 37' 00"	6) 81° 13' 00"	6) 225° 31' 45"	6) 144° 19' 15"	6) 95° 50' 30"
246° 26' 10" ✓	73° 32' 10" ✓	97° 35' 18" ✓	24° 03' 12" ✓	15° 58' 25" ✓

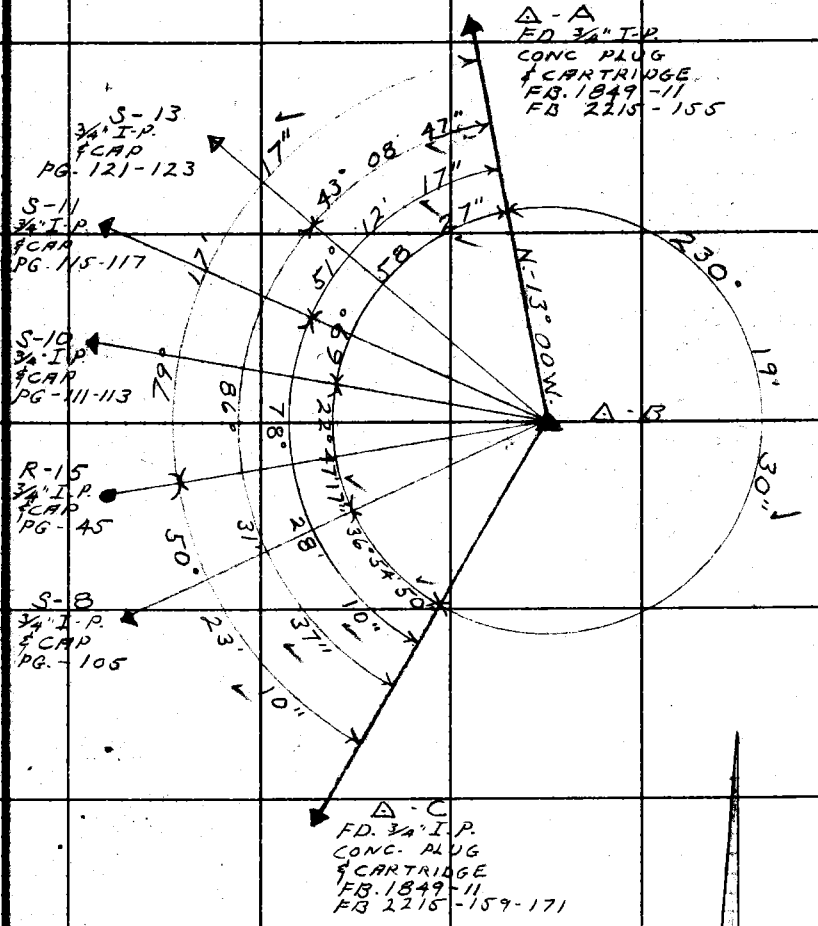
F.B. 2213 PG 13 6

Notes Ck'd by Miller	Survey of DUME CR RD
Map No.	00 21.15 Page No. Sr'd. *F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 11-8-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 157

△-B

FD. 3/4" I.P. CONC. PLUG & CARTRIDGE PER F.B. PG.
*ON A SMALL KNOLL 3.6 MI. N. OF PACIFIC COAST HWY BY WAY
OF RAMERA TRUCK TRAIL & 40'± E. OF FIRE ROAD.
F.B 1849-11



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
736 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION Δ-B F.B. 2215 PG. 157 H.I. 5.10 Elevation = 1574.89

SIGHT ON	ROD	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.	ELEV.
Δ-A	-1.00	+ 03° 53' 40" + 03 53 20 + 03° 53' 30"	963.29 .0680 270	+ 65.530		+69.630	+70.09	1644.98
Δ-C	-10.00	- 00° 51' 20 - 00 51 40 - 00° 51' 30"	1982.730 .0149 819	- 29.705		- 34.605	-34.41	1540.48
S-8	-10.00	- 03° 13' 20" - 03 13 40 - 03° 13' 30"	3899.421 .0563 464	- 219.718		- 224.618	-224.48	1350.41
S-10	-1.00	+ 00° 49' 00" + 00 49 00 + 00° 49' 00"	4433.022 .0142 545	+ 63.191		+ 67.291	+68.18	1643.07
S-11	-10.00	- 04° 11' 40" - 04 12 00 - 04° 11' 50"	3360.483 .0733 867	- 246.615		- 251.515	-251.90	1322.99
S-13	-10.00	- 02° 08' 20" - 02 08 40 - 02° 08' 30"	.0373 966					
R-15	-10.00	- 08° 42' 00 - 08° 42 20 - 08° 42' 10"	3210.791 .1530 711	- 491.479		- 496.379	-496.30	1078.59

Δ-A TO Δ-C.	Δ-C TO S-8	S-8 TO S-10	S-10 TO Δ-A	Δ-C TO S-11
2) 100° 39' 00"	2) 73° 50' 00"	2) 45° 34' 40"	2) 139° 57' 00"	2) 156° 56' 00"
4) 201 18 00	4) 147 39 20	4) 91 09 00	4) 279 54 00	4) 313 52 40
6) 301 57 00	6) 221 29 00	6) 136 43 40	6) 59 50 40	6) 110 49 00
230° 19' 30"	36° 54' 50"	22° 47' 17"	69° 58' 27"	78° 28' 10"

S-11 TO Δ-A.	Δ-C TO S-13	S-13 TO Δ-A.	Δ-C TO R-15	R-15 TO Δ-A.
2) 102° 24' 20"	2) 173° 03' 20"	2) 86° 17' 40"	2) 100° 46' 20"	2) 158° 34' 40"
4) 204 49 00	4) 346° 06' 40"	4) 172° 35' 20	4) 201 32 40	4) 317 09 00
6) 307 13 40	6) 159° 07' 40	6) 258° 52' 40	6) 302 19 00	6) 115 43 40
51° 12' 17"	86° 31' 37"	43° 08' 47"	50° 23' 10"	79° 17' 17"

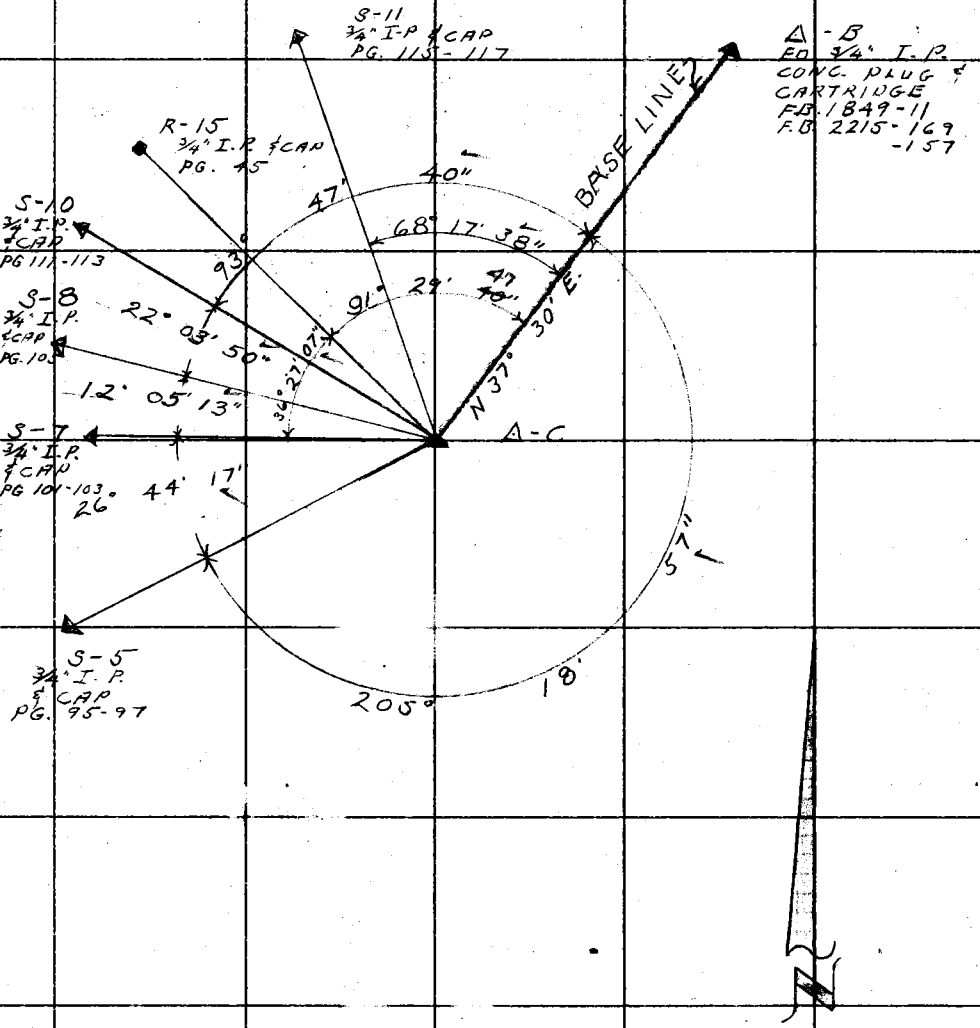
F.B. 2215 PG. 13

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W.O. 9074.15 Tape No. Sr'd. °F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 11-8-55
Date	Indexed J. C. Johnson

F.B. 2215 Pg. 159

Δ-C

FD 3/4" I.P. CONC. PLUG & CARTRIDGE PER F.B PG. ON RIDGE BETWEEN RAMERA & ESCONDIDO CANYONS. 35'± W. OF FIRE ROAD. 3.3 MILES NORTH OF PACIFIC COAST HWY. BY WAY OF RAMERA TRUCK TRAIL. FB 1849-11



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3085 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION Δ-C				FR	PG	HI 5.05	Elevation=	1540.48
SIGHT ON	ROD	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	CURVATURE CORRECTION	DIFFERENCE ELEVATION	ADJUSTED DIFF. ELEV.	
S-5	-10.00	-16° 51' 00 -16 51 20 -16° 51' 10"	1419.560 .3029232	-430.018		-434.968	-435.01	1105.47
Δ-B	-1.00	+0° 52' 40 +0 52 40 +0° 52' 40	1982.730 .0153213	+30.378		+34.428	+34.41 ✓	1574.89
S-8	-10.00	-4° 03' 40 -4 03 40 -4° 03' 40"	2602.523 .0709987	-184.776		-189.726	-190.07	1350.41
S-7	-10.00	-17° 26' 00 -17 26 00 17° 26' 00"	1096.420 .3140200	-344.298		-349.248	-349.48	1191.00
S-10	-1.00	+1° 28' 20 +1 28 00 +1° 28' 10"	3835.871 .0256523	+98.399		+102.449	+102.59	1643.07
R-15	-10.00	-10° 27' 20" -10 27 20 -10 27 20	2474.302 .1845368	-456.600		-461.550	-461.89	1078.59
S-11	-10.00	-3° 25' 40" -3 26 00 -3° 25' 50"	3544.027 .0599461	-212.451		-217.401	-217.49	1322.99 ✓

S-5 TO S-7
2) 53° 28' 20"
4) 106 57 00
6) 160 25 40 ✓
26° 44' 17"

S-7 TO S-8
2) 24° 10' 20"
4) 48 21 00 ✓
6) 72 31 20
12° 05' 13"

S-8 TO S-10
2) 44° 07' 40"
4) 88 15 20 ✓
6) 132 23 00
22° 03' 50"

S-10 TO Δ-B
2) 187° 35' 20"
4) 15 10 20 ✓
6) 202 46 00
93° 47' 40"

Δ-B TO S-5
2) 50° 38' 00"
4) 101 16 00 ✓
6) 151 53 40
205° 18' 57

R-15 TO Δ-B
2) 182° 59' 00"
4) 05 57 00
6) 188 58 40
91° 29' 40"
7

S-7 TO R-15
2) 72° 54' 20"
4) 145 48 40 ✓
6) 218 42 40
36° 27' 07"

S-11 TO Δ-B
2) 136° 35' 20"
4) 273 10 40 ✓
6) 49 45 50
68° 17' 38"

Notes Ck'd by Miller	Survey of DUME CÑ. RD.
Map No.	W. O. 007415 Tape No. St'd. °F
Office Work	Surveyed by L. V. SMITH
Checked	Notes L. V. S. Date 11-17-55
Date	Indexed C. Johnson

F. B. 2215 PG. 161

DUME CÑ. RD.

007415

TRIANGULATION FROM

△-B, △-C, S-16 AND INT. COAST HWY & ZUMIRZ DRIVE

TO

GEODETIC STATIONS

MARTIN, CASTRO ECC. #2 & SOLSTICE

PARTY
L. SMITH
C. CROWE
R. BOWERS JR.
M. WACKER
H. AUSTIN

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

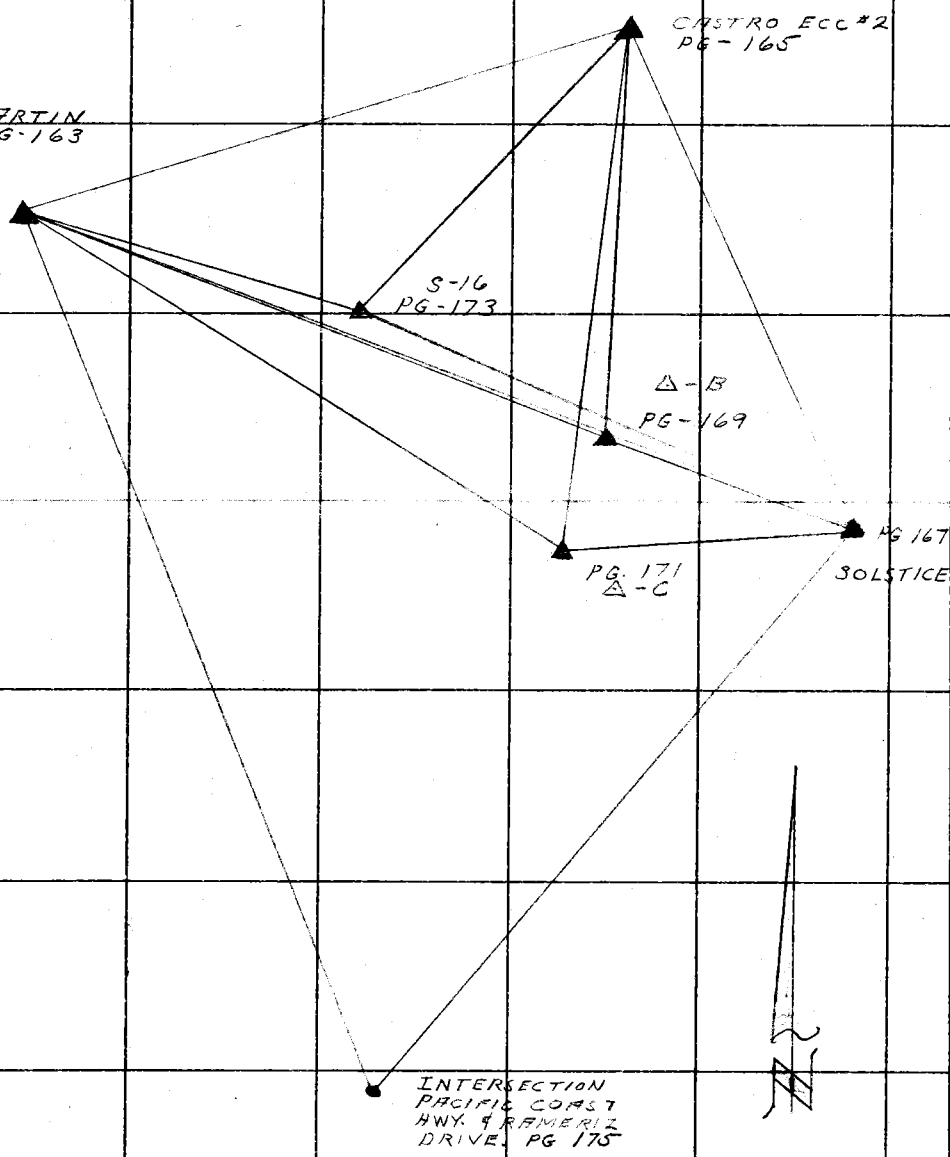
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F. B. 2215 Pg. 162

INDEX



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

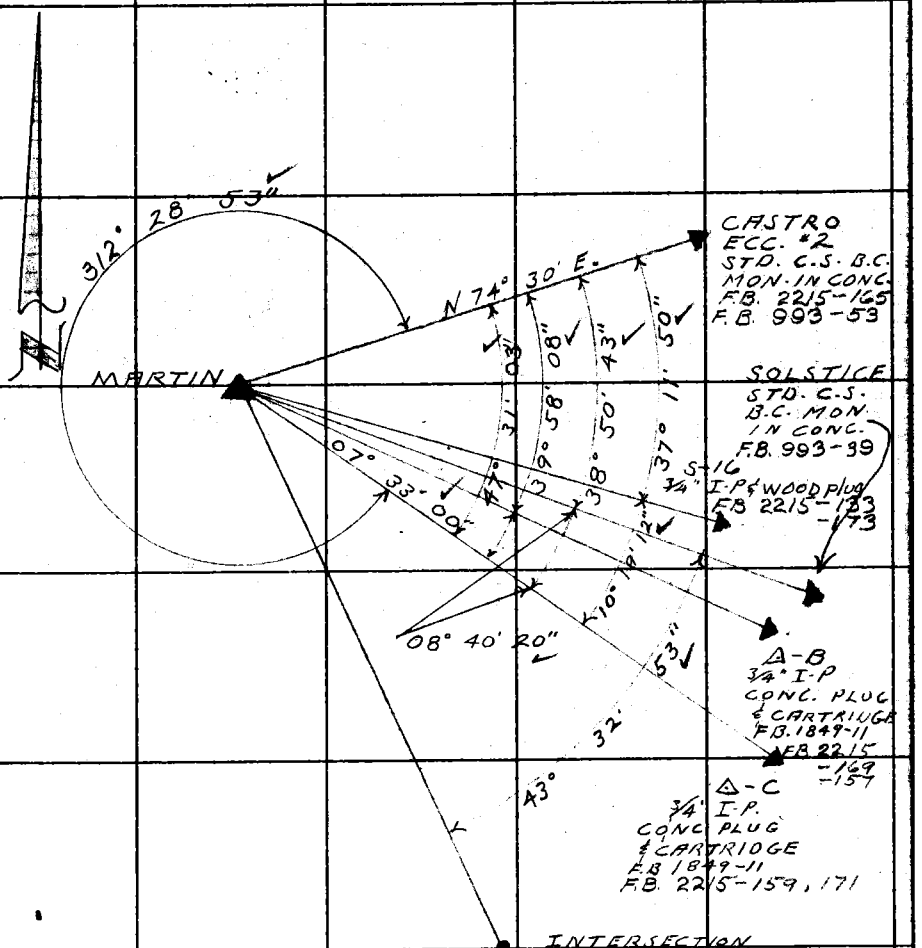
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of DUME CANYON RD
W. O. 067415 Tape No. St'd. °F
Surveyed by L.V. SMITH & R.C. DALE
Notes L.V.S. Date 11-9-55
Indexed J. C. Johnson

F.B. 2215 Pg. 163

MARTIN

FD. STANDARD 4" BRASS CAP TABLET MARKED: L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION MARTIN R.E. 329 SET BY COUNTY SURVEYOR 1948 F.B. 933-49



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION MARTIN FR 933 PG. 49 HI 5.08'

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTALE DISTANCE	+VERTICAL -DISTANCE	+CURVATURE CORRECTION	+REFERENCE -ELEVATION	ADJUSTED ELEV.
CASTRO ECC. #2	-10.00	+01° 12' 40" +01 12 20 +01° 12' 30"	16,905.83 .0210 925	+314.401		+309.481	
S-16	-10.00	-05° 37' 40" -05 38 00 -05° 37' 50"	5875.854 .0965 893	-579.296		-584.216	
SOLSTICE	-10.00	-02-23-40 -02 24 00 -02° 23' 50"	21944.44 .0418 639	-918.680		-923.600	
△-B	-10.00	-03° 32' 20 -03 32 40 -03° 32' 30"	15,020.652 .0618 926	-929.667		-934.587	
△-C	-10.00	-03° 45' 20 -03 45 20 -03° 45' 20	14698.062 .0656 408	-982.516		-987.436	
Int. Hwy. Zumeriz Dr.	-8.50	-6° 26' 20" -6 26 40 -6° 26' 30"	20,599.955 .1129 044	-2321.309		-2324.729	

F.B. 2215 PG. 164

CASTRO ECC #2 TO SOLSTICE
2) 77° 41' 20"
4) 155 23 00 ✓
6) 233 04 20
38° 50' 43"

SOLSTICE TO △-C
2) 17° 20' 40"
4) 34 41 20 ✓
6) 52 02 00
08° 40' 20"

△-C TO CASTRO ECC #2
2) 264° 57' 40"
4) 169 55 40
6) 74 53 20 ✓
312° 28' 53"

CASTRO ECC. #2 TO △-C
2) 95° 02' 00"
4) 190 04 00
6) 285 06 20 ✓
47° 31' 03"

CASTRO ECC #2 TO S-16
2) 74° 23' 40"
4) 148 47 40 ✓
6) 223 11 00
37° 11' 50"

S-16 TO △-C
2) 20° 38' 20"
4) 41 16 50 ✓
6) 61 55 10
10° 19' 12"

CASTRO ECC #2 TO △-B
2) 79° 56' 00"
4) 159 52 40 ✓
6) 239 48 50
39° 58' 08"

△-B TO △-C
2) 15° 06 00
4) 30 11 40 ✓
6) 45 18 00
07° 33' 00"

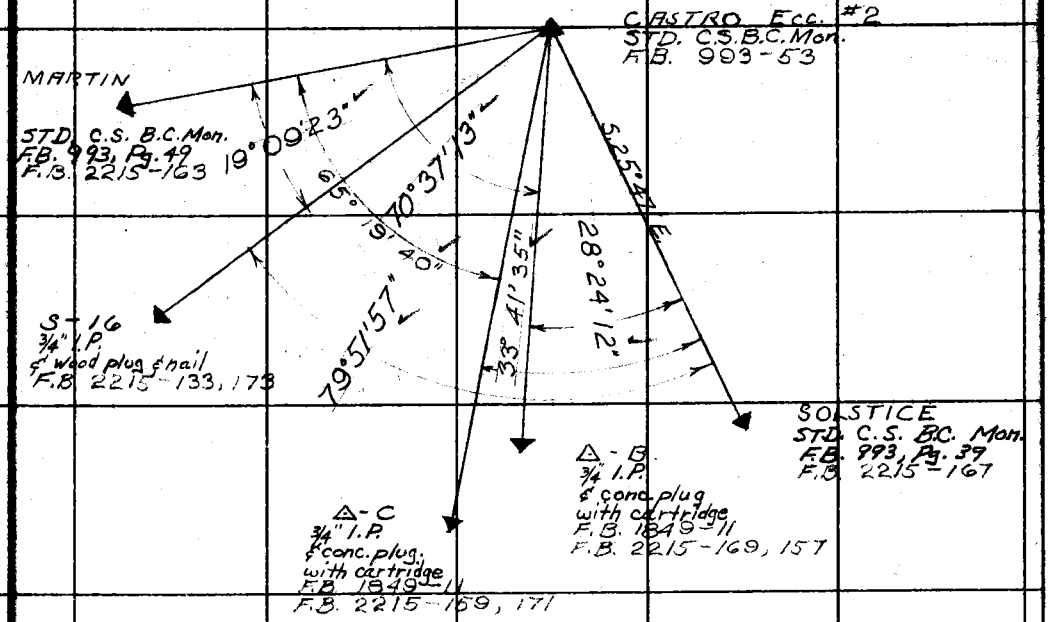
SOLSTICE TO INT. ON COAST HWY.
2) 87° 05' 40"
4) 174 11 20 ✓
6) 261 17 20
43° 32' 53"

Notes Ck'd by Miller	Survey of DUME CÑ. RD.
Map No.	W. 87415 Map No. Sh'd. of
Office Work	Surveyed by L.V. SMITH & R.C. DALL
Checked	Notes L.V.S. Date 11-9-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 165

CASTRO ECC. #2

F.D. STANDARD 4" BRASS TABLET MARKED: L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION CASTRO ECCENTRIC R.E. 329 F.B. 993-53



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

Do not without this side of this file.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3008 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION CASTRO ECC #2 FB. 993 PG 53 H. I. 5.20

SIGHT ON	R.OD	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE ELEVATION	ADJUSTED DIFF ELEV.
SOLSTICE	-10.00	- 5° 02' 40" - 5 02 20 - 5° 02' 30"	13936.15 .0882 215	- 1229.469		- 1234.268	
Δ-B	-10.00	- 6° 55' 00 - 6 55 00 - 6° 55' 00	10,228.272 .1213 085	- 1240.776		- 1245.576	
S-16	-10.00	- 4° 42' 40" - 4° 43 00 - 4° 42' 50"	10,824.842 .0824 590	- 892.878		- 897.678	
MARTIN	-10.00	- 1° 12' 00 - 1 12 20 - 1° 12' 10	14,905.83 .0209 955	- 312.955		- 317.755	
Δ-C	-10.00	- 6° 06' 40" - 6° 06 20 - 6° 06' 30"	11928.543 .1070 163	- 1276.549		- 1281.349	

Solstice to ΔB	ΔB to Martin	Solstice to S-16	S-16 to Martin	Solstice to ΔC	Δ-C to Martin
2) 56° 48' 20"	2) 141° 14' 00"	2) 159° 43' 40"	2) 38° 18' 40"	2) 67° 23' 00"	2) 130° 39' 00"
4) 113° 36' 40"	4) 282° 29' 00"	4) 319° 28' 00"	4) 76° 37' 40"	4) 134° 46' 20"	4) 261° 18' 40"
6) 170° 25' 10"	6) 63° 43' 20"	6) 119° 11' 40"	6) 114° 56' 20"	6) 202° 09' 30"	6) 31° 58' 00"
28 24' 12"	70° 37' 13"	79° 51' 57"	19° 09' 23"	33° 41' 35"	65° 19' 40"

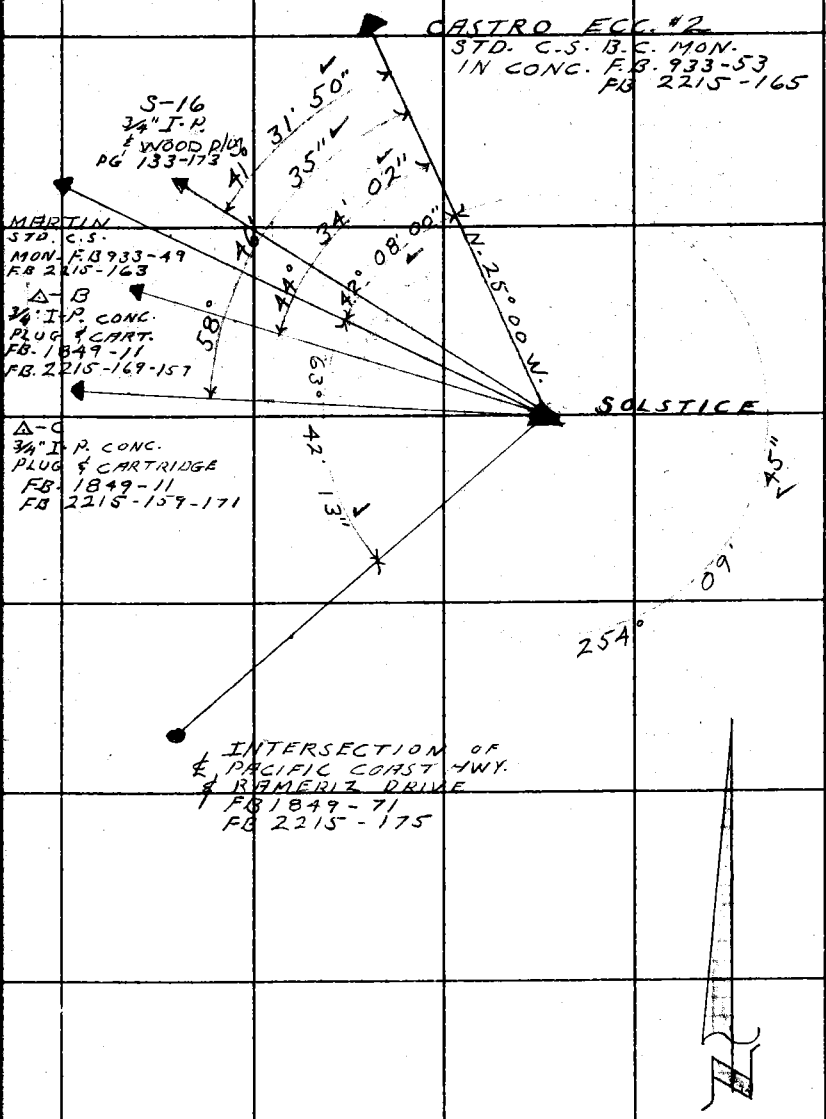
F.B. 2215 PG. 15

Notes Ck'd by Miller	Survey of DUME CN. RD.
Map No.	W.O. 2874.15 Page No. St'd. of
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 11-15-55
Date	Indexed C. Johnson

F.B. 2215 Pg. 167

SOLSTICE

FD. A STANDARD 4" BRASS TABLET INSCRIBED "L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION SOLSTICE R.E. 329 SET BY COUNTY SURVEYOR 1948" SET IN CONC. 2" ABOVE GROUND SURFACE. F.B. 933-39



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3085 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

TRANSIT	AT STATION	SOLSTICE	F.B. 933	PG. 39-40	HI 5.09	
SIGHT ON ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL DISTANCE	+ CURVATURE CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.
℄ INT COAST HWY -10.00	- 5° 03' 40" - 5° 03 40" - 5° 03' 40"	15,830.740 .0885 147	- 1401.253		- 1406.163	
Δ-C -10.00	- 0° 20' 00" - 0 20 00 - 0° 20' 00"	7738.669 .0058 178	- 45.022		- 49.932	
Δ-B -10.00	- 0° 05' 00 - 0° 05 20 - 0° 05' 10"	6932.948 .0015 029	- 10.420		- 15.330	
S-16 -10.00	+ 1° 11' 00" + 1 10 40 + 1° 10' 50"	16,071.902 .0206 075	+ 331.202		+ 326.292	
MARTIN -10.00	+ 2° 22' 20" + 2 22 00 2° 22' 10"	21,944.44 .0413 782	+ 908.021		+ 903.111	
CASTRO ECC #2 -10.00	+ 5° 03' 00" + 5 02 40 + 5 02 50	13736.15 .0883 192	+ 1230.830		+ 1225.920	

CASTRO ECC #2 TO ℄ INT.
2) 148° 19' 40"
4) 226 39 00
6) 84 58 30
254° 09' 45"

℄ INT. TO MARTIN
2) 127° 24' 40"
4) 254 49 00
6) 22 13 20
63° 42' 13"

MARTIN TO CASTRO ECC. #2
2) 84° 15' 40"
4) 168 32 00
6) 252 48 00
42° 08' 00"

S-16 TO CASTRO ECC #2
2) 83° 03' 40"
4) 166 07 40
6) 249 11 00
41° 31' 50"

Δ-C TO CASTRO ECC. #2
2) 117° 33' 00"
4) 235 06 20
6) 352 39 30
58° 46' 35"

Δ-B TO CASTRO ECC #2
2) 89° 07' 40"
4) 178 16 00
6) 267 24 10
44° 34' 02"

F.B. 2215 PG. 168

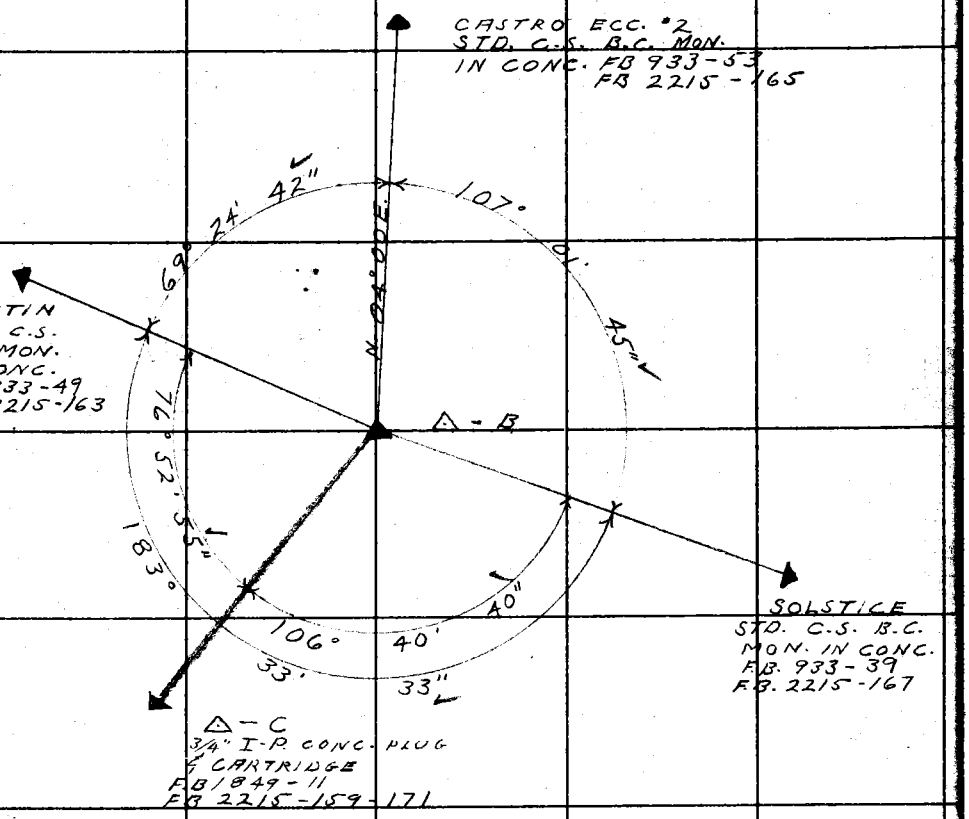
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of DOME CN. RD.
W. O. 0074.15 Tape No. St'd. °F
Surveyed by L.V. SMITH & R.C. DALE
Notes L.V.S. Date 11-11-54
Indexed C. Johnson

F.B. 2215 Pg. 169

△-B

FD. 3/4" I.P. CONC. PLUG & CARTRIDGE PER F.B. 1849 PG. 11 ON A SMALL KNOLL 3.6 MI N. OF PACIFIC COAST HWY. BY WAY OF RAMERA TRUCK TRAIL & 40'± E. OF TRUCK TRAIL.



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 attend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION △-13 F.B. 1849 PG. 11 HI. 5.11

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	-CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.
MARTIN	-10.00	+ 03° 32' 40" + 03 32 40 + 03° 32' 40"	15,020.652 .0619 413	+ 930.399		+ 925.509	
CASTRO ECC.*2	-10.00	+ 06° 57' 00 + 06 56 40 + 06° 56' 50"	10,228.272 1218 496	+ 1246.311		+1241.421	
SOLSTICE	-10.00	+ 0° 09' 46" + 0 09 20 + 0° 09' 30"	6938.948 .0027 635	+ 19.159		+ 14.269	
△-C	-10.00	- 0° 51' 40" - 0 51 40 - 0° 51' 40"	1982.730 .0150 304	- 29.801		- 34.691	

SOLSTICE TO MARTIN
2) 07° 07' 00"
4) 14 14 00 ✓
6) 21° 21 20
183° 33' 33"

MARTIN TO CASTRO ECC *2
2) 138° 49' 40"
4) 277 39 00
6) 56 28 10
69° 24' 42" ✓

CASTRO ECC*2 TO SOLSTICE
2) 214° 03' 00
4) 68 06 40
6) 282 10 30 ✓
107° 01' 45"

SOLSTICE TO △-C
2) 213° 21' 20"
4) 66 42 20
6) 280 04 00
106° 40' 40" ✓

△-C TO MARTIN
2) 153° 46' 00"
4) 307 32 00 ✓
6) 101 17 30
76° 52' 55"

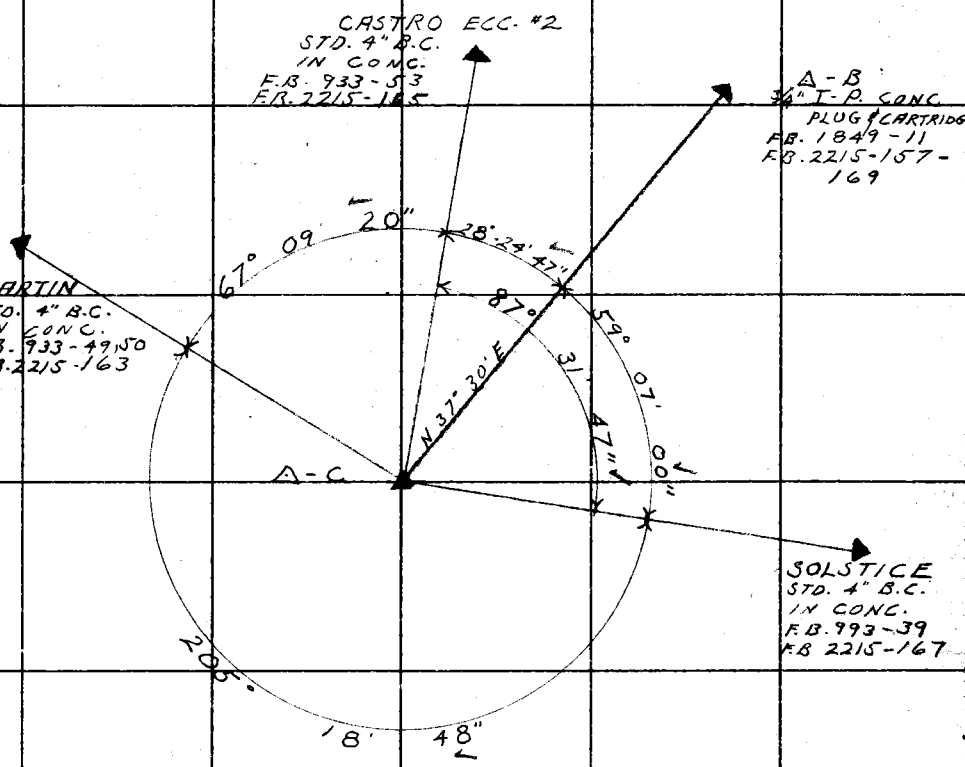
F.B. 2215 PG. 170

Notes Ck'd by Miller	Survey of DUME CN ROAD
Map No.	W.O. 8741.15 Tape No. St'd. °F
Office Work	Surveyed by L.V. SMITH & R.C. DALE
Checked	Notes L.V.S. Date 11-10-55
Date	Indexed R. C. Johnson

F.B. 2215 PG. 17F

A-C

FD 3/4" I.P. CONC. PLUG & CARTRIDGE PER F.B. 1849 PG. 11 ON A RIDGE BETWEEN RAMERA & ESCONDIDO CANYONS. 35' ± W. OF FIRE ROAD 3.3 MILES NORTH OF PACIFIC COAST HWY. BY WAY OF RAMERA TRUCK TRAIL.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT AT STATION △-C F.B. 1849 PG. 11 HT. 5.14

SIGHT ON	ROD	+VERTICAL -ANGLE	HORIZONTAL DISTANCE	+VERTICAL -DISTANCE	+CURVATURE -CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.
MARTIN	-10.00	+ 3° 45' 40" + 3 46 00 + 3° 45' 50"	14 698.062 .0657869	+ 966.940		+ 962.08	
CASTRO ECC. #2	-10.00	+ 6° 07 20 + 6 07 00 + 6° 07' 10"	11,928.543 1072 124	+ 1278.888		+ 1274.03	
SOLSTICE	-10.00	+ 0° 24' 00 + 0 23 40 + 0° 23' 50"	7738.669 0069 330	+ 53.652		+ 48.79	

MARTIN TO CASTRO ECC. #2

2) 134° 19' 00"
4) 268 37 40
6) 42 56 00
67° 09' 20" ✓

CASTRO ECC. #2 TO SOLSTICE

2) 175° 03 40"
4) 350 07 20
6) 165 10 40
87° 31' 47" ✓

SOLSTICE TO MARTIN

2) 50° 37' 40"
4) 101 15 10
6) 151 52 50
205° 18' 48" ✓

CASTRO ECC. #2 TO △-B

2) 56° 49' 40"
4) 113 39 20
6) 170 28 40
28° 24' 47" ✓

△-B TO SOLSTICE

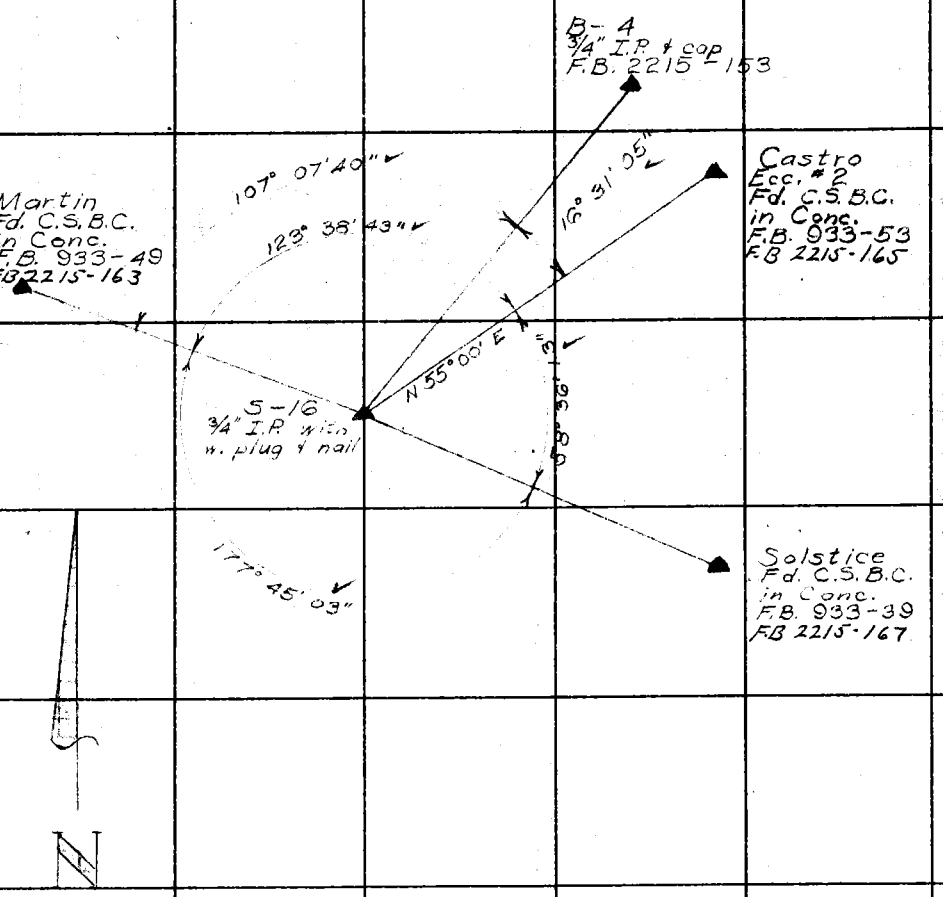
2) 118° 13' 40"
4) 236 27 40
6) 354 42 00
59° 07' 00" ✓

Notes Ck'd by Miller	Survey of Dume Cñ. Rd.
Map No.	W. O. 3874.15 Tape No. St'd. °F
Office Work	Surveyed by L.V. Smith & R.C. Dale
Checked	Notes CVC Date 11-16-55
Date	Indexed A. C. Johnson

F.B. 2215 Pg. 173

S-16

Set 3/4" I.P. with wooden plug & nail up 2" on a sharp peak on ridge separating Ramera Cñ. & Zuma Cñ., 2000'± S. of saddle separating Ramera Cñ. & Newton Cñ., and 975'± SW of bottom of Ramera Cñ.



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT HT STATION S-16 FB 2215 PG. 173 HT. 4.70

SIGHT ON	ROD	+ VERTICAL - ANGLE	HORIZONTAL DISTANCE	+ VERTICAL - DISTANCE	CURVATURE CORRECTION	+ DIFFERENCE - ELEVATION	ADJUSTED DIFF. ELEV.
B-4	-10.00'	- 1° 02' 00"	3,081.837	-55.587		-60.887	
		- 1° 02' 00"	.0180370				
Castro	-10.00'	+ 4° 45' 00"	10824.842	+899.475		+894.175	
		+ 4° 45' 00"	.0830936				
Solstice	-10.00'	- 1° 11' 00"	16,071.902	-332.761		-338.061	
		- 1° 11' 20"	.0207045				
Martin	-10.00'	+ 5° 43' 40"	5875.854	+589.078		+583.778	
		+ 5° 43' 20"	1002540				

Castro to Solstice

2)	117°	12'	00"
4)	234	24	40
6)	351	37	20
	58°	36'	19" ✓

Solstice to Martin

2)	355°	29'	40"
4)	351	00	00
6)	346	30	20
	177°	45'	03" ✓

Martin to Castro

2)	247°	12'	20"
4)	134	35	00
6)	21	58	20
	123°	36'	49" ✓

Martin to S-4

2)	214°	57'	20"
4)	28	35	40
6)	243	46	00
	41°	07'	45" ✓

S-4 to Castro

2)	33°	02'	00"
4)	66	04	20
6)	99	06	30
	16°	31'	05" ✓

F.B. 2215 PG. 174

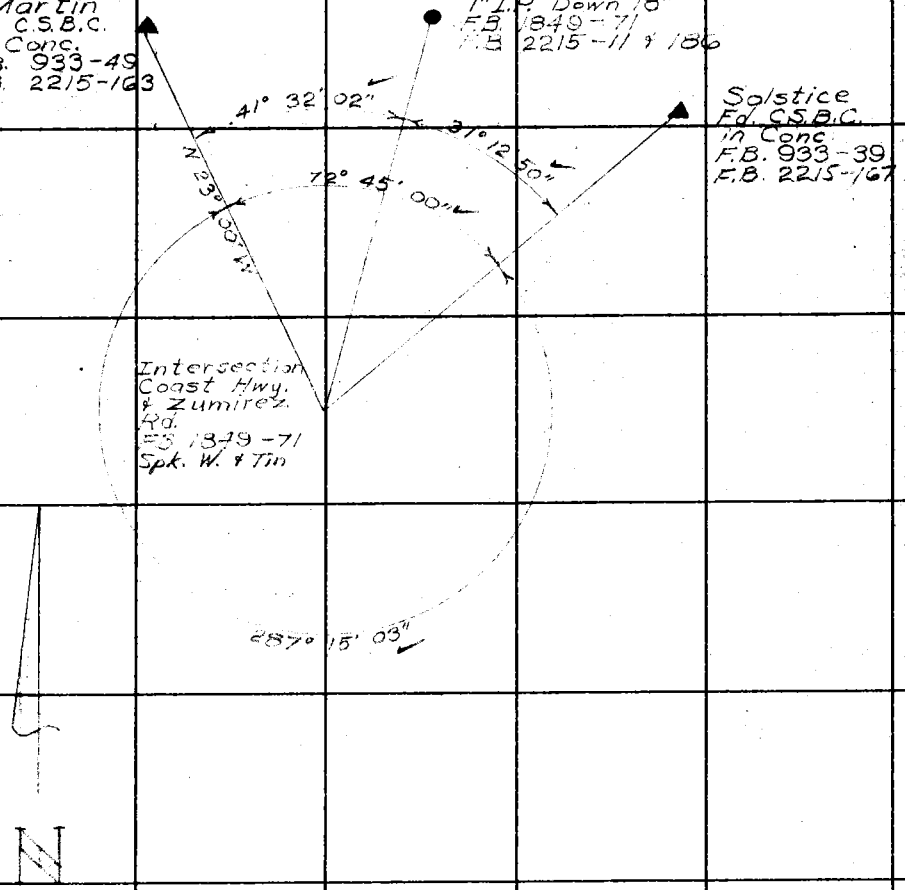
Notes Ck'd by Miller
Map No.
Office Work
Checked
Date

Survey of Dume Cx. Rd.
W. O. 05 74.15 Tape No. Sr'd. of
Surveyed by L.V. Smith & R.C. Dale
Notes C.V.C. Date 11-18-55
Indexed C. Johnson

F. B. 2215 Pg. 175

INTERSECTION of PACIFIC COAST HWY. & ZUMIREZ RD.

Found spike washer & tin per F.B. 1849-71



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3008 S&E #247. 8-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.

TRANSIT SIGHT ON ROD	AT STATION Int. Coast Hwy & Zumirez Rd	FB 2215 PG. 175	HI. 5.44	
	+VERTICAL - ANGLE	HORIZONTAL DISTANCE	+VERTICAL - DISTANCE	+CURVATURE CORRECTION	+DIFFERENCE -ELEVATION	ADJUSTED DIFF. ELEV.
Martin -10.00	+ 6° 25' 00" + 6 24 40 + 6° 24' 50"	20,599.955 .1124 134	+2315.711		+2311.151	
Solstice -10.00	+ 5° 04' 00" + 5 04 00 + 5° 04' 00"	15,830.740 .0886612	+1403.572		+1399.012	

Martin to P.I. #1

2)	83°	04'	00"
4)	166	08	00
6)	249	12	10 ✓
	41°	32'	02"

P.I. #1 to Solstice

2)	62°	25'	40"
4)	124	51	20
6)	187	17	00
	31°	12'	50" ✓

Martin to Solstice

2)	145°	30'	00"
4)	291	00	00
6)	76	30	00
	72°	45'	00" ✓

Solstice to Martin

2)	215°	30'	00"
4)	69	00	00
6)	282	30	20
	287°	15'	03" ✓

F.B. 2215 PG. 176

F.B. 2215 Pg. 177

NOTES RED. _____ JOB NO. 0074.15 SURVEY OF Dume Cn Rd

DATE _____ SURVEY BY R.C. Dale

NOTES CHKD. _____ NOTES BY R.C.D. DATE 11-7-66

DATE _____ INDEXED R. O. Johnson DATE 11-23-66

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
LEVEL CIRCUIT						
DUME CN. ROAD						
JN 0074.15						
	IN DUME CN FROM BMD-7 TO R-X AND RETURN					

PARTY
R.C. Dale
J. Terranova
R. Strader
E. Jolliffe

Do not extend notes this side of this line

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

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

765420 353 2-51

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
BM D-7	1696.026				1696.026	BM D-7 Elev 1696.026
	9.862		9.970			115.19 ft N/ly of "P" 34 20'± below
	1705.888	+ 7.271	+ 7.273			saddle, dividing Dume & Newton Cn
	2.591		2.697			N slope. Fd Std C.S.B.M. monument
T.P	1703.297					Per F.B. 1849 - 61
	10.740		10.755			
	1714.037	+ 9.464	+ 9.465			
	1.276		1.290			
T.P.	1712.761					
	10.239		10.355			
	1723.000	+ 6.390	+ 6.390			
	3.849		3.965			
R-Y	1719.151					R-Y Elevation 1719.154
	7.457		7.234			92.00 S/wl of "P" 34 Fad of "R" line W
	1726.608	- 4.877	- 4.874			side of dirt road in saddle Fd 3/4" IP & cap
	12.334		12.108			Per FB 1849 - 61
T P	1714.274					
	1.725		1.476			
	1715.999	- 5.169	- 5.169			
	6.894		6.645			
T.P	1709.105					
	0.249		0.425			
	1709.354	- 9.275	- 9.274			
	9.524		9.699			
T P	1699.830					
	1.234		0.961			
	1701.064	- 7.286	- 7.285			
	8.520		8.246			
T P	1692.544					

NOTES RED _____ DATE _____
NOTES CHKD _____ DATE _____
INDEXED _____ DATE _____

JOB NO. 0074.15 SURVEY OF Dume Cn Rd
SURVEY BY R.C. Dale
NOTES BY R.C.D. DATE 11-4-55
A. C. Johnson

F.B. 2215 P. 127

76S420 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. 0074.15 SURVEY OF Dune Cr Rd
SURVEY BY R.C. Dale
NOTES BY R.C.D. DATE 11-4-55
INDEXED L. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1692.544					
	1.640		1.503	1.411		
	1694.184	-9.731	-9.736	-9.735		
	11.371		11.239	11.146		
T.P.	1682.813					
	1.367		1.315			
	1684.180	-7.093	-7.092			
	8460		8.407			
T.P.	1675.720					
	0617		0.560			
	1676.337	-8.806	-8.805			
	9423		9.365			
T.P.	1666.914					
	1.264		1.239			
	1668.178	+0.082	+0.082			
	1.182		1.157			
T.P.	1666.996					
	11.557		11.421			
	1678.553	+10.858	+10.857			
	0.699		0.564			
T.P.	1677.854					
	10.917		11.056			
	1688.771	+10.796	+10.799			
	0121		0.257			
T.P.	1688.650					
	11.350		11.245			
	1700.000	+9.242	+9.240			
	2.108		2.005			
	1697.892					

F.B. 2215 PG. 180

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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1697.892					
	7.624		7.485			
	1705.516	+ 6.556	+ 6.555			
	1.068		0.930			
R-X	1704.448					R-X Elev -
	0.784		0.803			Fd 3/4" I.P. & Cap Top of gour Per F.B. 1992-25
	1705.232	- 6.602	- 6.602			
	7.386		7.405			
T.P.	1697.846					
	1.904		1.846			
	1699.750	- 9.258	- 9.257			
	11.162		11.103			
T.P.	1688.588					
	1.367		1.373			
	1689.955	- 9.068	- 9.068			
	10.435		10.441			
T.P.	1679.520					
	0.950		0.886			
	1680.470	- 10.751	- 10.751			
	11.701		11.637			
T.P.	1668.769					
	3.388		3.286			
	1672.157	- 5.976	- 5.976			
	9.364		9.262			
T.P.	1662.793					
	5.311		5.210			
	1668.104	+ 4.093	+ 4.096			
	1.218		1.114			
	1666.886					

NOTES RED. _____ JOB NO. 2074.15 SURVEY OF Dume Cr. Rd.
DATE _____ SURVEY BY R.C.D. DATE 11-4-55
NOTES CHKD. _____ NOTES BY R.C.D. DATE _____
DATE _____ INDEXED C. Johnson DATE _____

F.B. 2215 Pg. 181

76S420 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. 007415 SURVEY OF Dame Co Rd
SURVEY BY R.C. Dale
NOTES BY R.C.D. DATE 11-7-55
INDEXED A. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2215 PG. 182

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1666.886					
	7.452		7.371			
	1674.338	+5.609	+5.609			
	1.843		1.762			
T.P.	1672.495					
	9.601		9.559			
	1682.096	+8.492	+8.490			
	1.109		1.069			
T.P.	1680.987					
	12.338		12.110			
	1693.325	+9.261	+9.261			
	3.077		2.849			
T.P.	1690.248					
	6.770		6.943			
	1697.018	+6.406	+6.409			
	0.364		0.534			
T.P.	1696.654					
	10.676		10.812			
	1707.330	+10.265	+10.264			
	0.411		0.548			
T.P.	1706.919					
	8.522		8.417			
	1715.441	+6.655	+6.654			
	1.867		1.763			
T.P.	1713.574					
	5.916		5.803			
	1719.490	+2.013	+2.013			
	3.903		3.790			
T.P.	1715.587					

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
T.P.	1715.587					
	11.191		11.019			
	1726.778	+ 3.564	+ 3.563			
	7.627		7.456			
R-Y	1719.151					R-Y Elev = 1719.154
	2.006		2.119			92.00± SW of "P34" End of "P" line w/
	1721.157	- 5.292	- 5.291			side dirt road in Saddle Fd 3/4" IPC cap
	7.298		7.410			per FB 1849-61
T.P.	1713.859					
	0.492		0.719			
	1714.351	- 7.933	- 7.934			
	8.425		8.653			
T.P.	1705.926					
	1.291		1.163			
	1707.217	- 9.897	- 9.898			
	11.188		11.061			
BM D-7	1696.029					BM D-7 Elev = 1696.026
						1514 Ft Nly of P.39 20'± below saddle
						dividing Duma & Newton Co's N. Slope
						Fd Std C.S.B.M. monument Per FB 164-41

NOTES RED. _____ JOB NO. 0014.15 SURVEY OF Dume Co. Rd.
DATE _____ SURVEY BY R.C. Dale
NOTES CHKD. _____ NOTES BY R.C.D. DATE 11-2-55
DATE _____ INDEXED J. C. Johnson DATE _____

F.B. 2245 pg. 188

Profile No.	Notes Red.	Plotted	Job No. 00074.15	Division No. 10	F. B. 2215 Pg. 185
	Date	Date	Survey of Dume Cn Rd		
X-Sec. No.	Notes Chkd.	Checked	Survey by R.C. Dale	Notes RCD	Date 11-17-55
	Date	Date	Map No.	Edited Johnson	Date 11-23-55

LEVEL CIRCUITS

DUME CN ROAD

INDIVIDUAL LEVEL CIRCUITS TO ESTABLISH ELEVATIONS ON CENTERLINE OF ZUMIREZ DR. FOR TRANSFER TO TILT POINTS

JN 00074.15

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

REF.
FB 1849-95-101
119-121

PARTY
RC DALE
J. TERRANOVA
R. STRADER
E JOLLIFFE

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
726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

78L298 S & E #307 9-54

76L298 S & E #307 9-54

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS FORM 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.		
From BM D-1A To Intersection of Zumirez Dr. and Pacific Coast Hwy, To PI #1 and return						
BM D-1A	2.400	191 965		189.565	BM D-1A – on Pacific Coast Hwy 0.8 mi E of Dume Creek Bridge 50' Nly and 45' Elg of intersection of Pacific Coast Hwy and Zumirez Dr on fence line Fd a Std CSBM monument F.B. 1849-96	
Intersection	6 390	191.836	6 969	185.996	Intersection Zumirez Dr & Pacific Coast Hwy Spk West flush Per FB 1849-71	
PI #1	4 421	191.863	4.444	187.442	PI #1 fd 3/4" IP Down 18" Per FB 1849-71	
BM D-1A			2 298	189 565	BM D-1A	
From TBM-1A To PI #2 to PI #3 and Return						
TBM-1A	3.972	236 108		232 136	TBM-1A Elevation = 232.136 F.B. 1849-96 on Zumirez Dr 0.1± North of Pacific Coast Hwy East side of Road fd Lg Spk in west side of PP #821732E	
PI #2	11 526	242358	5.276	230.832	PI #2 fd 1" IP Down 6" Per FB 1849-71	
T.P.	9.876	250.929	1.305	241.053		
PI # 3	1 902	250.547	1 784	249.145	PI #3 fd 1" IP Down 3" Per FB 1849-72	
T.P.	0.811	241.508	9 850	240.697		
TBM-1A			9 370	232.138	TBM-1A	

F. B. 2215 Pg. 186 Job No. 207415 Division No. R.C.D.

Survey of Dume Cn Rd

Survey by R.C. Dale Notes

Indexed A. C. Johnson Date

Profile No. Plotted Date Notes Red. Date

X-Sec. No. Checked Date Notes Chkd. Date

78L298 S & E #307 9-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.		
From TBM-3A To PI #7 and return						
TBM-3A	7.566	332.209		324.638	TBM-3A Elev-324.638 F.B. 1849-98 on Zumirez Dr 0.3± mile North of Pacific Coast Hwy SE side road fd 1/9 6t Spk in N Side PP #821737E	
PI #7	2.890	332.143	2.901	329.303	PI #7 fd 1" I.P. Down 2" Per FB 1849-73	
TBM-3A			7.502	324.641	TBM-3A	
From BM-D2A To PI #8 - PI #9 and Return						
BM-D2A	6.080	356.444		350.364	BM-D2A Elevation 350.364 F.B. 1849-99 on Zumirez Dr 0.6± mi. North of Pacific Coast Hwy. SW side of road at fork 10± NW PP321743E 12' NE Corfence fd Std CSBM monument	
PI #8	4.823	356.357	4.916	351.528	PI #8 fd 1" IP down 3" Per FB 1849-74	
	5.150	355.784	5.717	350.639	PI #9 fd 1" IP down 2" Per FB 1849-74	
BM-D2A			5.422	350.362	BM-D2A	
From TBM-6A To PI 10 and Return						
TBM-6A	2.530	360.629		358.099	TBM 6A Elev=358.099 F.B. 1849-100 on Zumirez Dr 0.7± mi North of Pacific Coast Hwy North side of road fd 1/9 Spk in N. Side of P.P. 821747E	
PI #10	4.531	360.661	4.499	356.130	PI #10 Fd 1x2 & N Down 2" Per FB 1849-75	
			2.562	358.099	T.B.M-6A	

Profile Notes Red ____ Plotted ____ Job No 0074.15 Division No. ____
No. ____ Date ____ Date ____ Survey of Dume Cn Rd
X-Sec. Notes Chkd ____ Checked ____ Survey by R.C. Dale Notes RCD Date 11-18-55
No. ____ Date ____ Date ____ Map No. ____ Date ____

F. B. 2215 Pg. 187

76L298 S & E #307 9-54

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS FORM 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.		
From TBM 7A To P-C and return						
TBM-7A	11.382	429.910		418.528	F.B. 1493-101 TBM 7A Elev = 413.528 On south side of Zuminez Dr. 0.9 t m. from Pacific Coast Hwy NW cor Lot 29 per RS 54-39 Fd 2" I.P. in Concrete N Edge.	
T.P.	11.614	435.545	0.979	423.931		
P#C	2.218	435.373	2.390	433.155	P#C Fd 1x2d N Flush Bar FB 1849-76	
T.P.	1.310	425.220	11.963	423.910		
TBM-7A			11.689	413.531	TBM-7A	

F. B. 2215 Pg. 188 Job No. 0074.15 Division No. _____ Notes Red. _____ Plotted _____ No. _____ Profile

Survey of Dunne Cir Rd. Date _____ Date _____ No. _____ X-Sec.

Survey by R.C. Dale Notes R.C.D. Notes Chkd. _____ Checked _____

Indexed A. C. Johnson Date _____ Date _____

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

Survey of Dume Cn Rd.
W. O. 0074.15 Tape No. 135 Sr'd 84 °F
Surveyed by R.C. Dale
Notes R.O.D. Date 1-24-56
Indexed E. C. Johnson 1-31-56

F. B. 2215 Pg. 139

DUME CN ROAD

TRIANGULATION NET FROM PACIFIC COAST HWY. TO S-1 AND S-2

ANGLES FROM TILT POINTS TO CENTER-LINE OF ZUMIREZ DR.

J.N. 0074.15

REF

F.B. 1849-67-71
F.B. 2215-9-18

PARTY

R.C. Dale
C H Morrison
W.E. Dale
M.E. Wacker
G Terranova

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

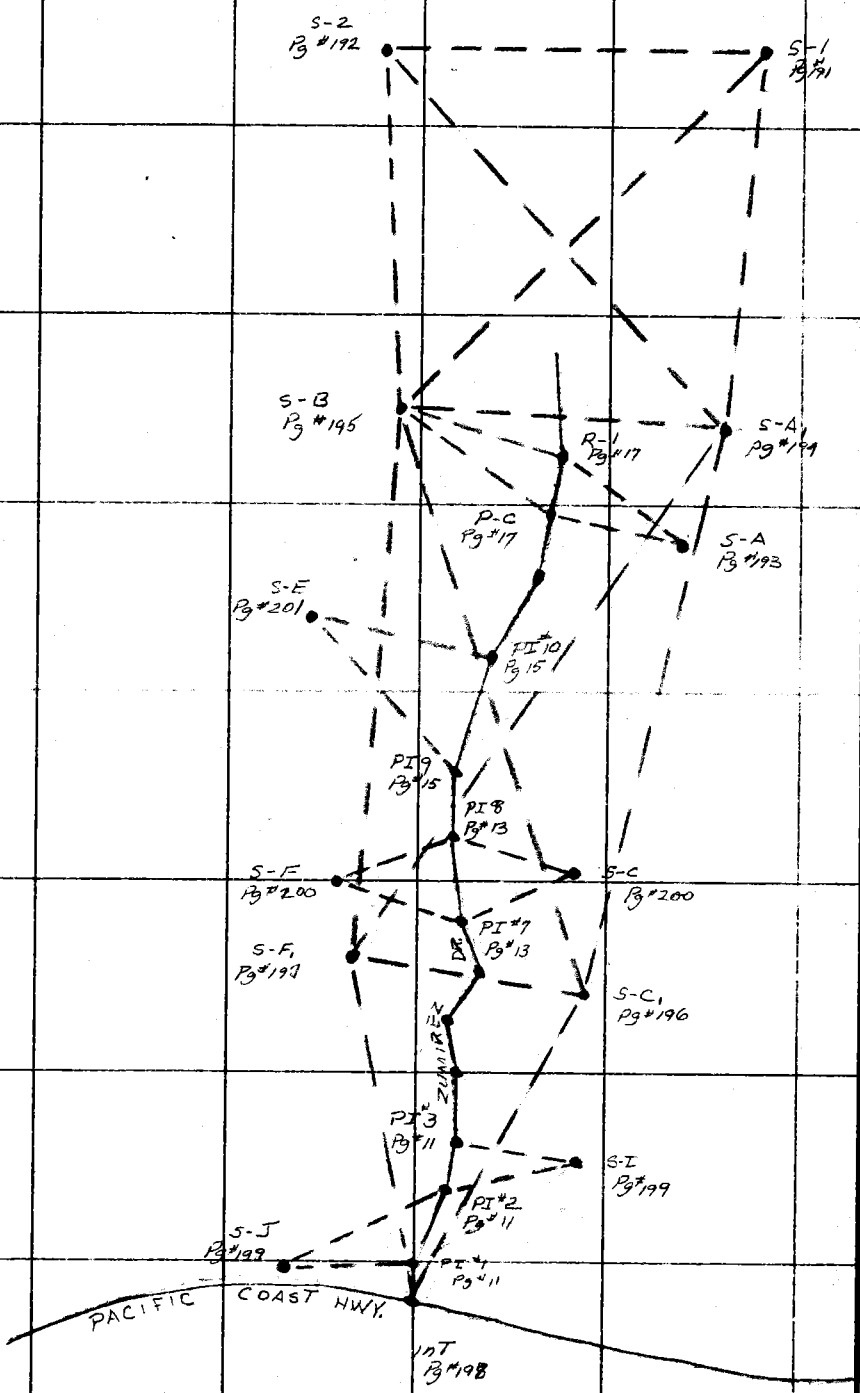
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 2215 PG. 190

INDEX



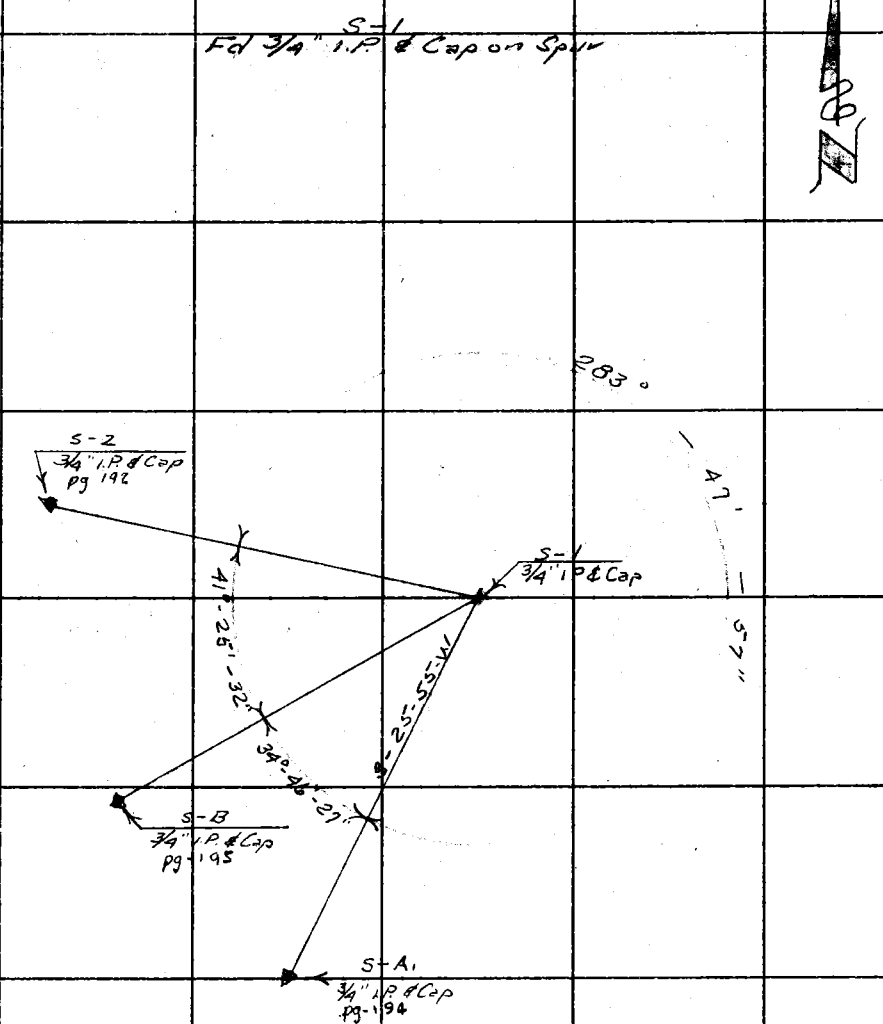
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 00754 Tape No. 135 Std. 34 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 1-24-56
Date	Indexed C. Johnson

F. B. 2215 Pg. 191



S-A1 To S-B	S-B to S-2	S-2 to S-A1
2) 69-32-50	2) 82-51-00	2) 207-35-40
4) 139-05-40	4) 165-42-00	4) 55-11-40
6) 208-38-40	6) 248-33-10	6) 262-47-40
34°-46'-27"	41°-25'-32"	283°-47'-57"

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 attend notes this side of this line.

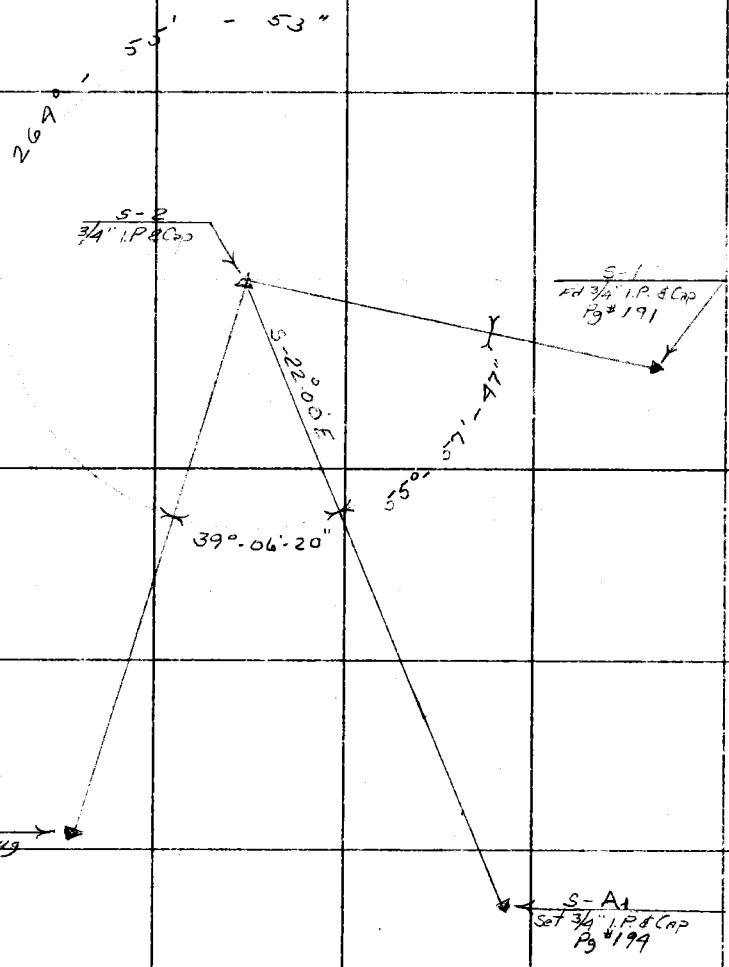
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F. B. 2215 Pg. 192

S-2
Fd 3/4" I.P & Cap on Top of Ridge

S-1 to S-A1	S-A1 to S-B	S-B to S-1
2) 111-55-40	2) 78-12-50	2) 169-51-50
4) 223-51-10	4) 156-25-20	4) 339-48-30
6) 335-46-40	6) 234-38-00	6) 29-35-20
55°-57-47	39-06-20	264-55-53

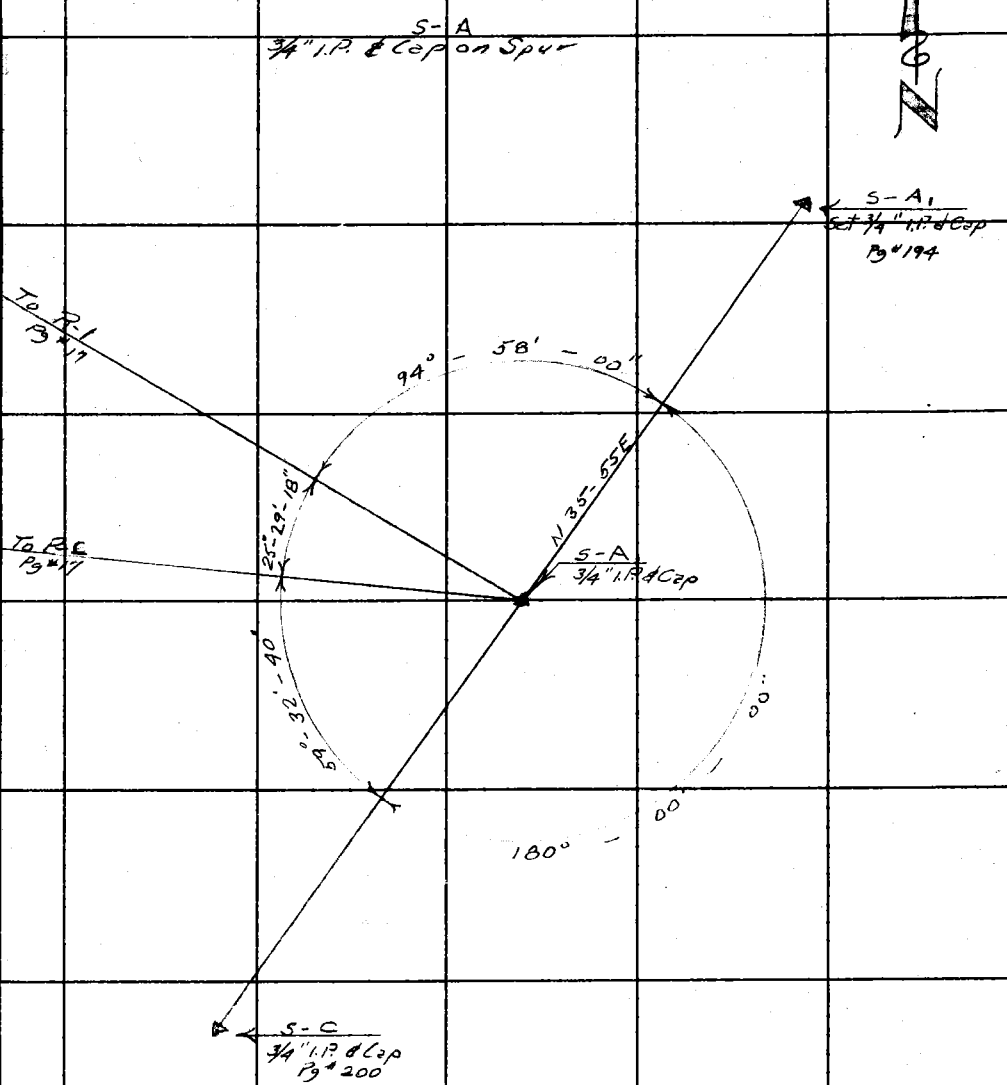


RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

Notes Ck'd by Miller	Survey of Dome Cir Rd
Map No.	W. O. 8674.15 Tape No. 13.54 'd. 64 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 1-24-56
Date	Indexed E. C. Johnson

F. B. 2215 Pg. 193



S-C to P-B	P-B to R-1	R-1 to S-A1	S-A1 to S-C
2) 119-05-30	2) 50-58-40	2) 189-56-00	2) 360-00-00
4) 238-10-40	4) 101-57-20	4) 19-52-00	4) 360-00-00
6) 357-16-00	6) 152-55-50	6) 209-48-00	6) 360-00-00
59°-32'-40	25°-29'-18"	94°-58-00	180°-00'-00"

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 unfound meter this side of this line.

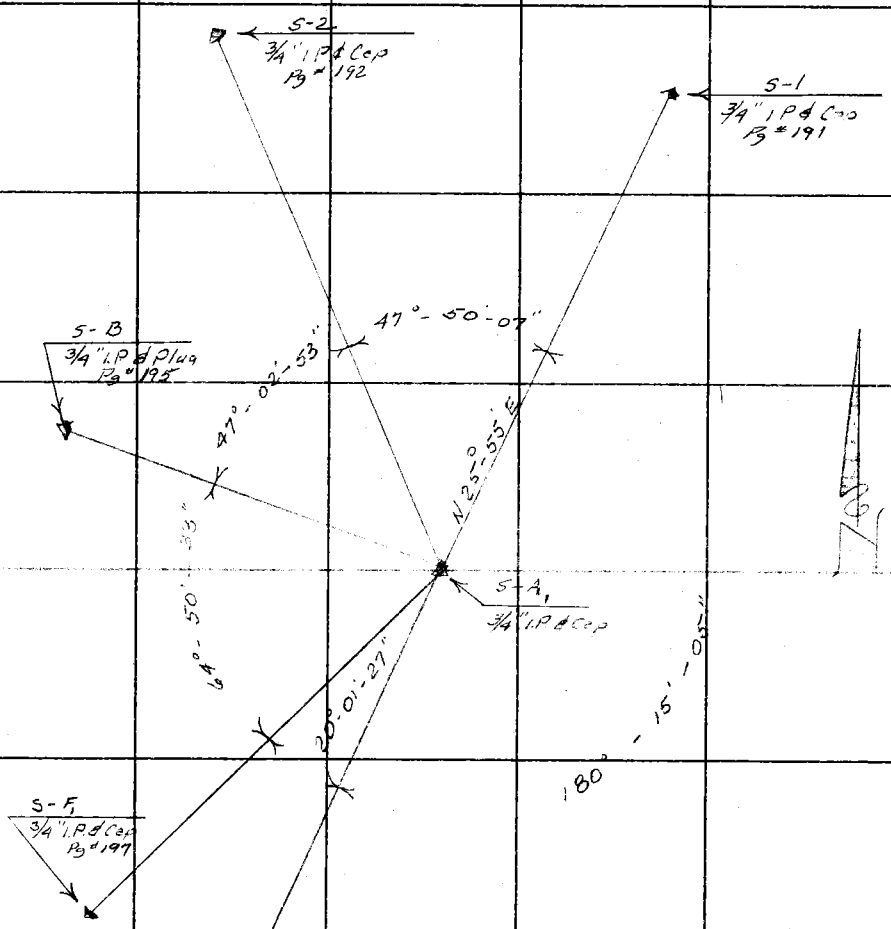
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 2215 PG. 194

S-A₁

Set 3/4" I.P. & Cap, on Rod from S-C through S-A 4500'± N. Pacific Coast Hwy 900'± W. of Gravel Pit



S-C₁ to S-F₁

2) 40-02-50
4) 80-05-40
6) 120-08-40
20°-01'-27"

S-F₁ to S-B	S-B to S-2	S-2 to S-1	S-1 to S-C₁
2) 129-41-00	2) 94-05-50	2) 95-40-20	2) 360-30-10
4) 259-22-10	4) 188-11-30	4) 191-20-30	4) 361-00-20
6) 29-03-20	6) 282-17-20	6) 287-00-40	6) 361-30-30
64°-50'-33"	47°-02'-53"	47°-50'-07"	180°-15'-05"

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

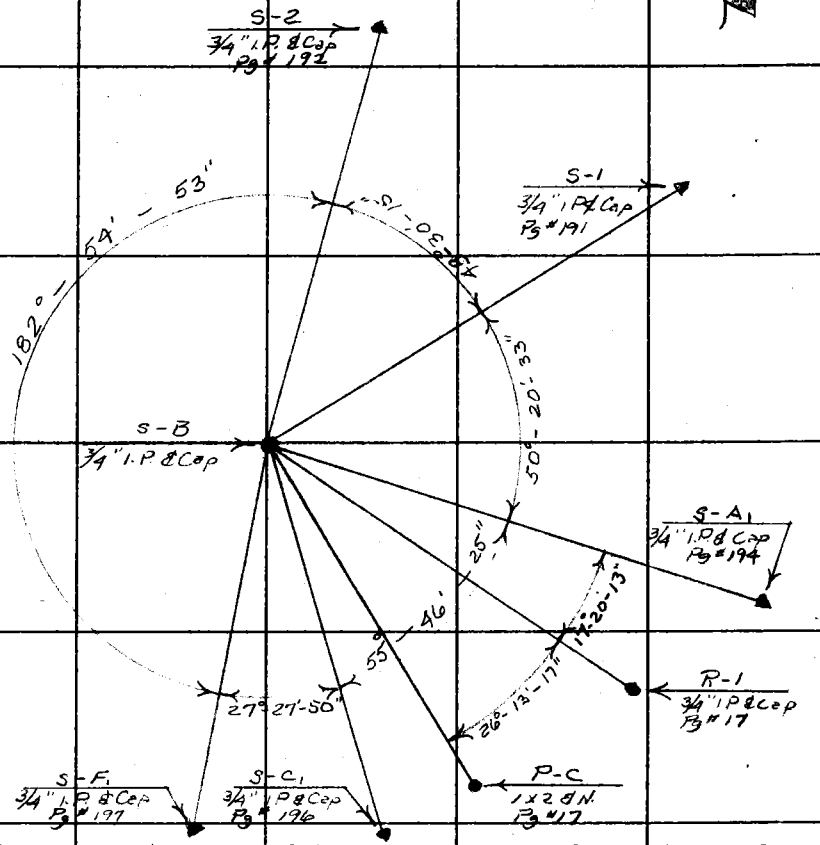
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 007415 Tape No. 135 Std. 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D Date 1-24-56
Date	Indexed A. C. Johnson

F. B. 2215 Pg. 190

S-B

Set 3/4" I.P Top of Spur 1600± NW Gravel Pit 5000± N of Pacific Coast Hwy



S-2 to S-1	S-1 to S-A1	S-A1 to S-C1	S-C1 to S-F1	S-F1 to S-2
2) 87-00-40	2) 100-41-00	2) 111-32-40	2) 54-55-50	2) 365-50-00
4) 174-01-00	4) 201-22-10	4) 223-05-40	4) 109-57-30	4) 111-39-30
6) 261-01-30	6) 302-03-20	6) 334-38-30	6) 164-47-00	6) 17-29-20
43°-30'-15"	50°-20'-33"	55°-46'-25"	27°-27'-50"	182°-54°-53'
	S-A1 to R-1	R-1 to P-C		
	2) 34-40-30	2) 52-26-40		
	4) 69-20-50	4) 104-53-10		
	6) 104-01-20	6) 157-19-40		
	17°-20'-13"	26°-13'-17"		

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

Do not extend notes this side of this line.

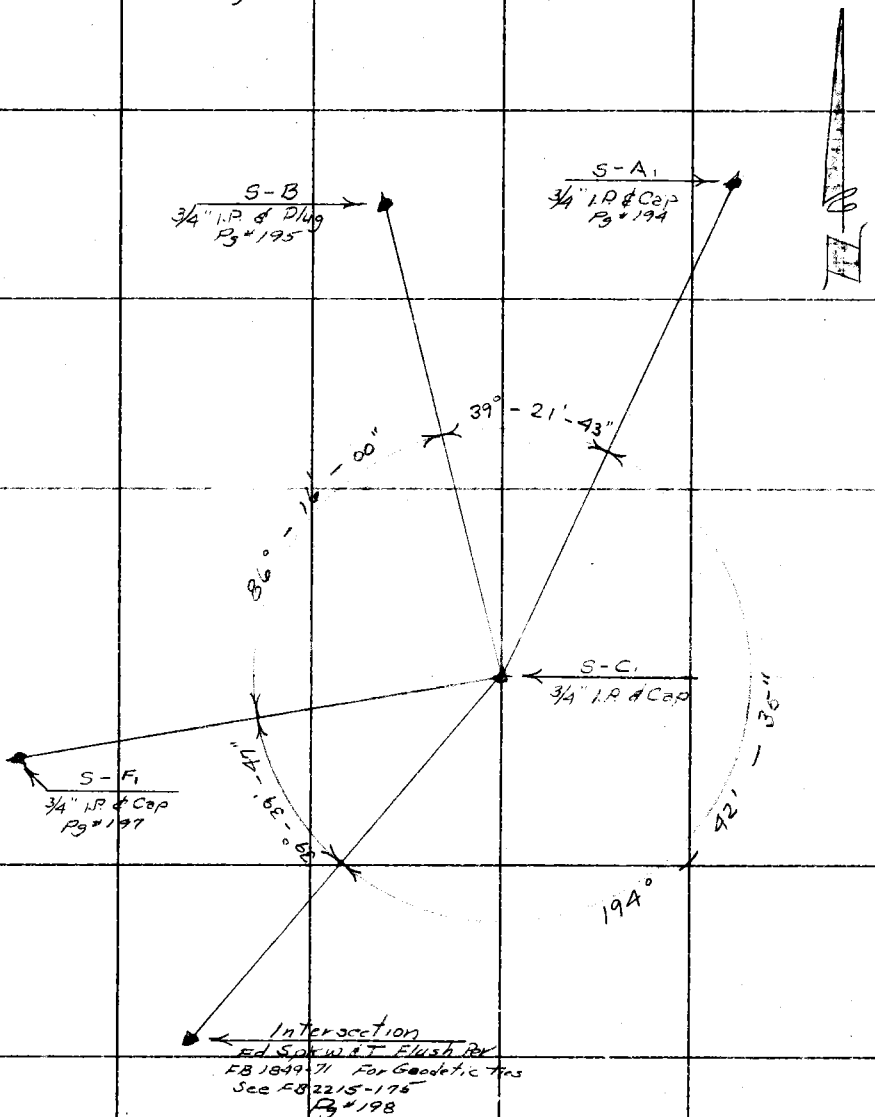
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 2215 PG. 196

S-C1

Set 3/4" I.P. & Cap on Low Spur 2000'± N of Pacific Coast Hwy. 1000'± W of Zuniyez Drive



Int. to S-F1	S-F1 to S-B	S-B - S-A1	S-A1 to Int
2) 79-19-30	2) 172-32-00	2) 78-43-20	2) 29-25-10
4) 158-39-00	4) 345-04-00	4) 157-26-40	4) 58-50-20
6) 237-58-40	6) 157-36-00	6) 236-10-20	6) 88-15-30
39° 39'-47"	86°-16'-00"	39°-21'-43"	194°-42'-35"

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

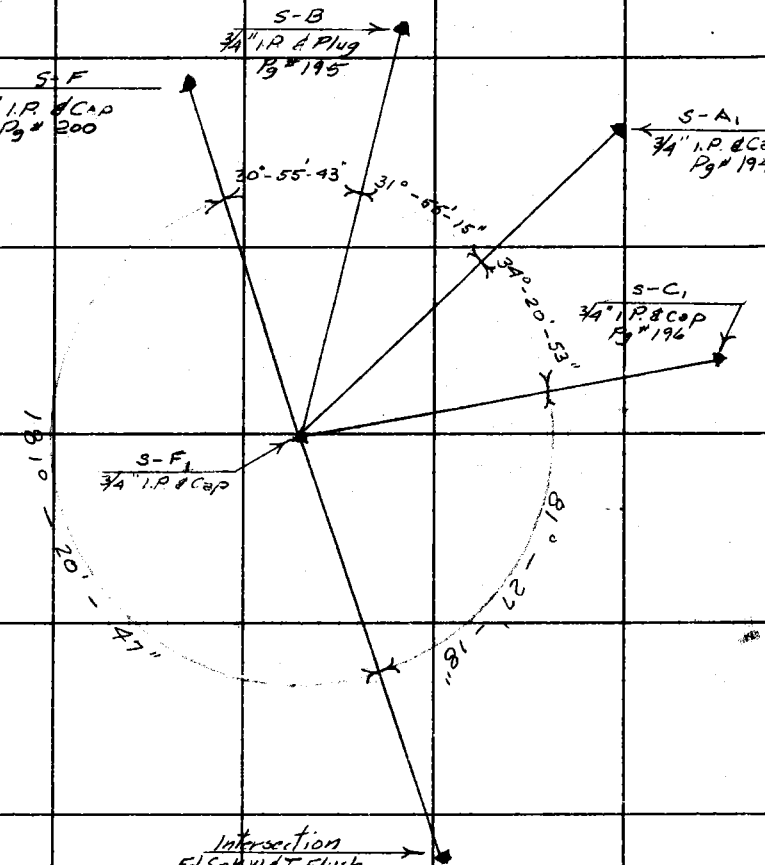
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Miller	Survey of Dunc Cō Rd
Map No.	W. O. 879.15 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 1-24-56
Date	Indexed A. C. Johnson

F. B. 2215 Pg. 199

S - F_1

Set 3/4" I.P. & Cap Top Spur on Nose 40 ± N. & 40 ± W of large Concrete Water Tank 2'± N White Board Fence



S-B to S-A1	S-A1 to S-C1	S-C1 to Int.	Int to S-F	S-F to S-B
2) 63-50-40	2) 68-41-50	2) 162-54-30	2) 362-41-40	2) 61-51-20
4) 127-41-00	4) 137-23-30	4) 325-49-10	4) 365-23-10	4) 123-42-50
6) 191-31-30	6) 206-05-20	6) 128-43-50	6) 368-04-40	6) 185-34-20
31°-55'-15"	34-20-53	181°-27'-18"	181°-20'-47"	30°-56'-43

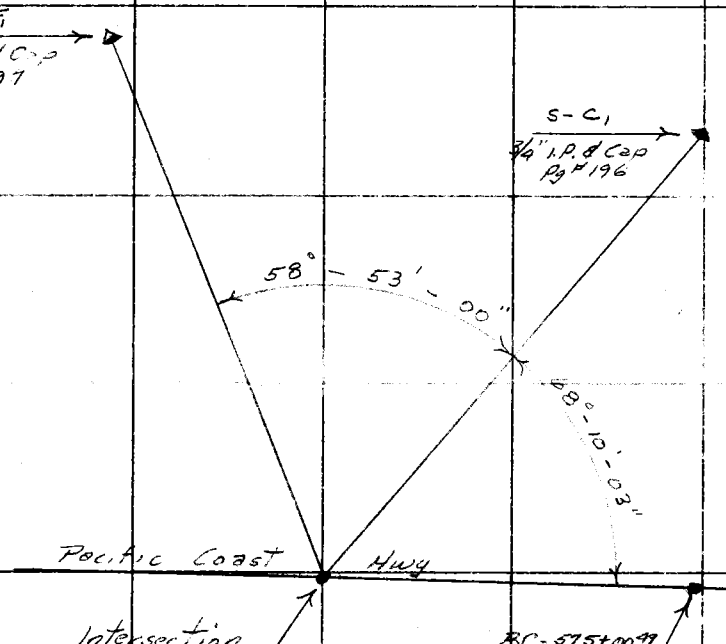
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 2215 PG. 198



S-F1 to S-C1	S-C1 to L-10
2) 117-46-00	2) 136-20-10
4) 235-32-00	4) 272-40-20
6) 353-18-00	6) 49-00-20
58°-53'-00	68°-10'-03"

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

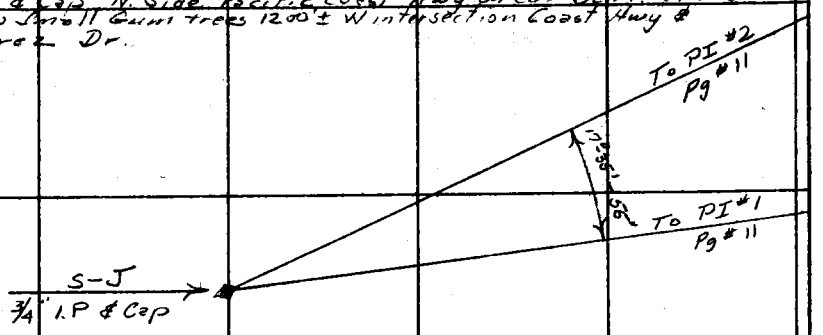
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 0879.15 Tape No. 135 St'd. 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D Date 1-24-56
Date	Indexed A. C. Johnson

F. B. 2215 Pg. 199

S-J

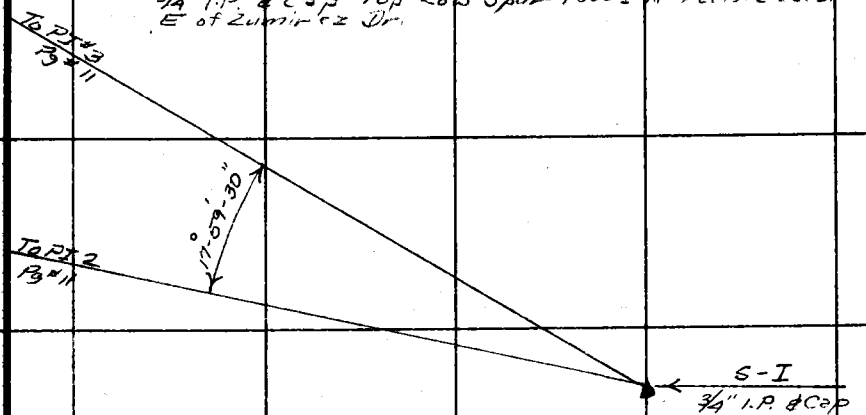
3/4" I.P & Cap N. Side Pacific Coast Hwy on Cut Bank at end of row Small Gum trees 12.00± W intersection Coast Hwy & Zumirez Dr.



2) 35-11-40
4) 70-23-40
6) 105-35-30
17°-35'-55

S-I

3/4" I.P. & Cap Top Low Spur 1000'± N Pacific Coast Hwy 1000'± E of Zumirez Dr.



2) 35-59-00
4) 71-58-00
6) 107-57-00
17°-59'-30

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

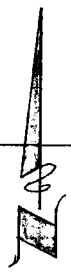
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 2215 PG. 200

S-F
3/4" I.P. & Cap in Spindle W. side of Road on Fence line 1600'± N Pacific Coast Hwy 1000'± S.W. Fork in Zumirez Dr.



To PI #8
Pg #13

39° - 24' - 40"

S-F
3/4" I.P. & Cap

To PI #7
Pg #13

2) 78-49-20
4) 157-38-40
6) 236-28-00
39°-24'-40"

S-C
3/4" I.P. & Cap on Low Spur 2700'± N Pacific Coast Hwy 1200'± E. Zumirez Dr.

To PI #8
Pg #13

27°-56'-07"

S-C
3/4" I.P. & Cap

To PI #7
Pg #13

2) 65-62-10
4) 111-44-20
6) 167-36-40
27°-56'-07"

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by Miller	Survey of Dume Cn Rd
Map No.	W. O. 0074.15 Tape No. 135 Std. 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D Date 1-24-56
Date	Indexed E. C. Johnson

F. B. 2215 Pg. 201

S-E
Set 3/4" I.P. & Cap 3600'± N. of Pacific Coast Hwy 2350'± W
of Gravel Pit

S-E
set 3/4" I P & Cap

To PI #10
Pg 15

21°-03'-28"

To PI #9
Pg #15

2) 42-06-50
4) 84-13-50
6) 126-20-50
21°-03'-28"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F.B. 2215 PG. 803

Notes Ck'd by Miller	Survey of Dume Cn Road
Map No.	W. O. 8024 Tape No. 71 Sr'd. 84 of
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 2-7-56
Date	Indexed A. C. Johnson 2-14-56

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

DUME CN ROAD

J.N. 0074.15

RETRACEMENT OF ZUMIREZ DRIVE (PRIVATE ROAD)
FROM PACIFIC COAST HWY TO R-1

REF

FB-1849-69-77

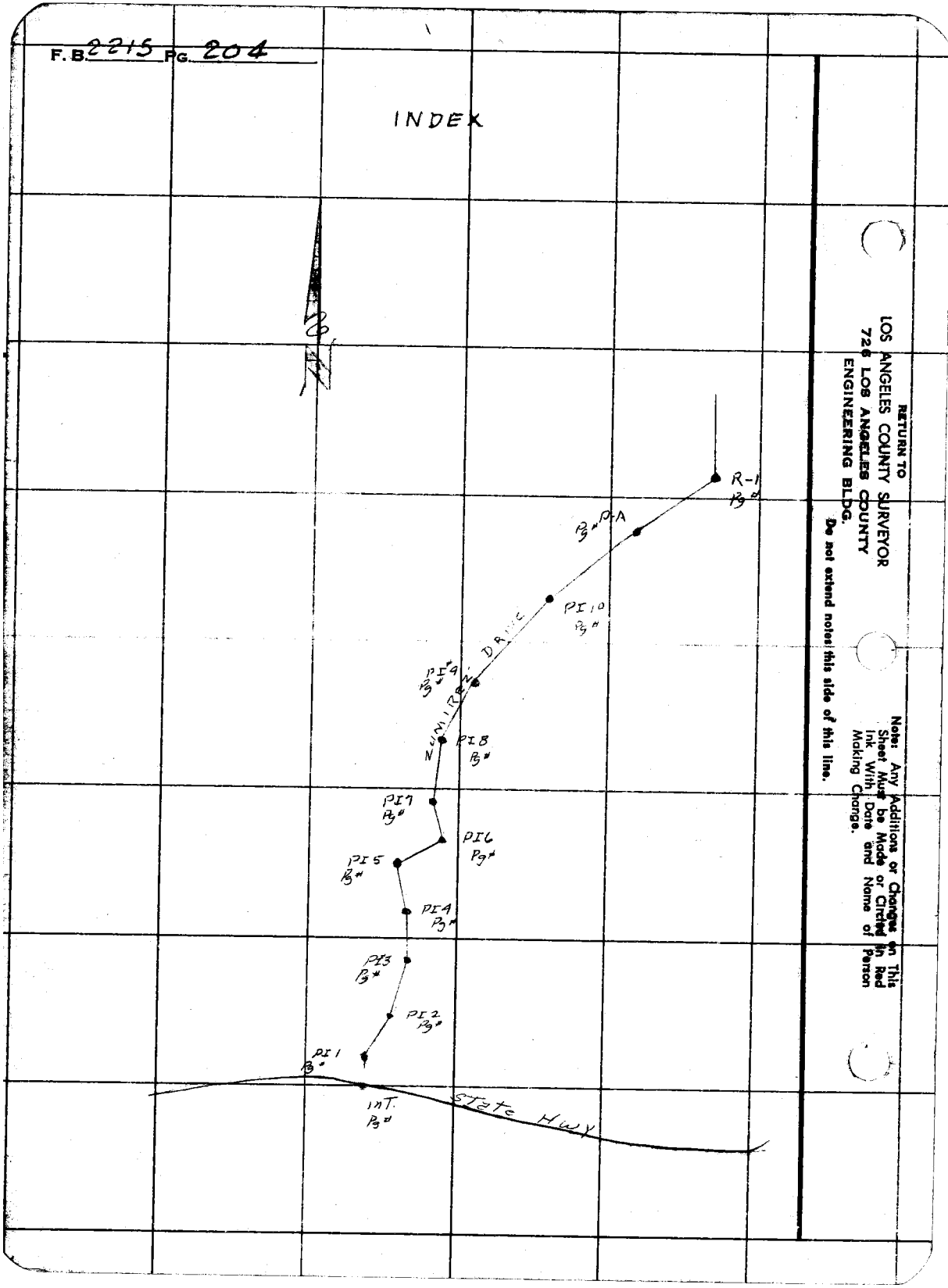
PARTY

R.C. Dale
C.H. Morrison T
W.E. Dale
M.E. Wacker
G Terranova

76F3085 S&E #247. 8-54

F. B. 2215 PG. 204

INDEX



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

F. B. 2215 Pg. 203

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

Survey of Dume Cn Rd.
W. O. 2074.15 Tape No. 71 Sr'd. 84 °F
Surveyed by R.C. Dale
Notes R.C.D. Date 2-7-56
Indexed A. C. Johnson

CONT NEXT pg. Bot

2) 285-34-00
4) 211-07-50
6) 136-41-20
142-46-53

236.04 @ 2°58' T=59' =235.68

235.68

142°-46'-53"

NET 6x6 Post
3.04
P.I. #2
Fd 1" I.P down 6"
Per FB 1849-71

30.99
NET 4X4 Post
3.88
NET RR 821732E

155.91 @ 3°57' T=54° =155.51

5.64
NET
19.84
Lot Cor.
Fd 2" I.P up 2"
RE Tag 2088
Per FB 1849-71

331.14

NAT 4X4 Post
It Looks as if Fence Has Moved
12.21

49.34 @ Lev T=54° = 49.33
282.88 @ 4°52' T=54° = 281.81
331.14

PI #1
Fd 1" I.P Down 18" Per FB 1849-71
26.33
NET 4X4 Post

158°-34'-27"

2) 317-08-50
4) 274-18-00
6) 231-26-40
158°-34'-27"

99.41 @ Lev T=62° = 99.40

2) 182-43-30
4) 365-27-00
6) 188-10-10
91°-21'-42"

99.37
91°-21'-42"

BC-5735.00 ±
Fd LA Co Bnds Cap
Dume Pt. T 6-15
Per FB 1849-71

State HWY

33.88 — 19.11 — 1421.76 Rec.

Intersection
Fd Ship Spk w/ T
Flush Per FB 1849-71

Fd X on Curb
Per FB 1849-71

Fd 8x2 Down 12" Per FB 1849-71
EC 560+78.73

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F.B. 2815 PG. 206

Cont Left Bot Pg #

80.01 @ Lev T=60° = 80.00

238.02

20.07

80.00

PI #5
Fd 3/4" IP Down 3" Per FB 1849-72

Fd 2" IP RE 2088 Per FB 1849-72

2) 198-44-10
4) 37-28-20
6) 236-12-30
99°-22-05

278.85 @ 3°39' T=56° = 278.23

278.25

NET 4x4 Post Fence Has been Moved

23.30

NET 4x4 Fence Post Fence Moved

PI #4
Fd 1" IP Down 3" Per FB 1849-72

2) 331-20-10
4) 302-40-40
6) 274-01-10
165°-40'-11"

28.77

PP 9217.35E

174.89 @ 4°39' T=56° = 174.28
230.92 @ 3°23 T=58° = 230.46
404.74

NUMIRER DRIVE

404.74

2) 337-18-50
4) 314-37-40
6) 291-56-30
168°-39'-25"

NET in 4x4 Post

PI #3
Fd 1" IP Down 3" Per FB 1849-72

19.99

15.25

NET in 4x4 Post

80.85 @ Lev. T=58° = 80.84

80.84

NET 10" Corn Tree

10.98

NET

19.97

Fd 2" IP UP 4" RE Tag 2088 Per FB 1849-72

235.08

cont. pg. 205 Top

RETURN TO
LOS ANGELES COUNTY SURVEYOR
72d LOS ANGELES COUNTY
ENGINEERING BLDG.

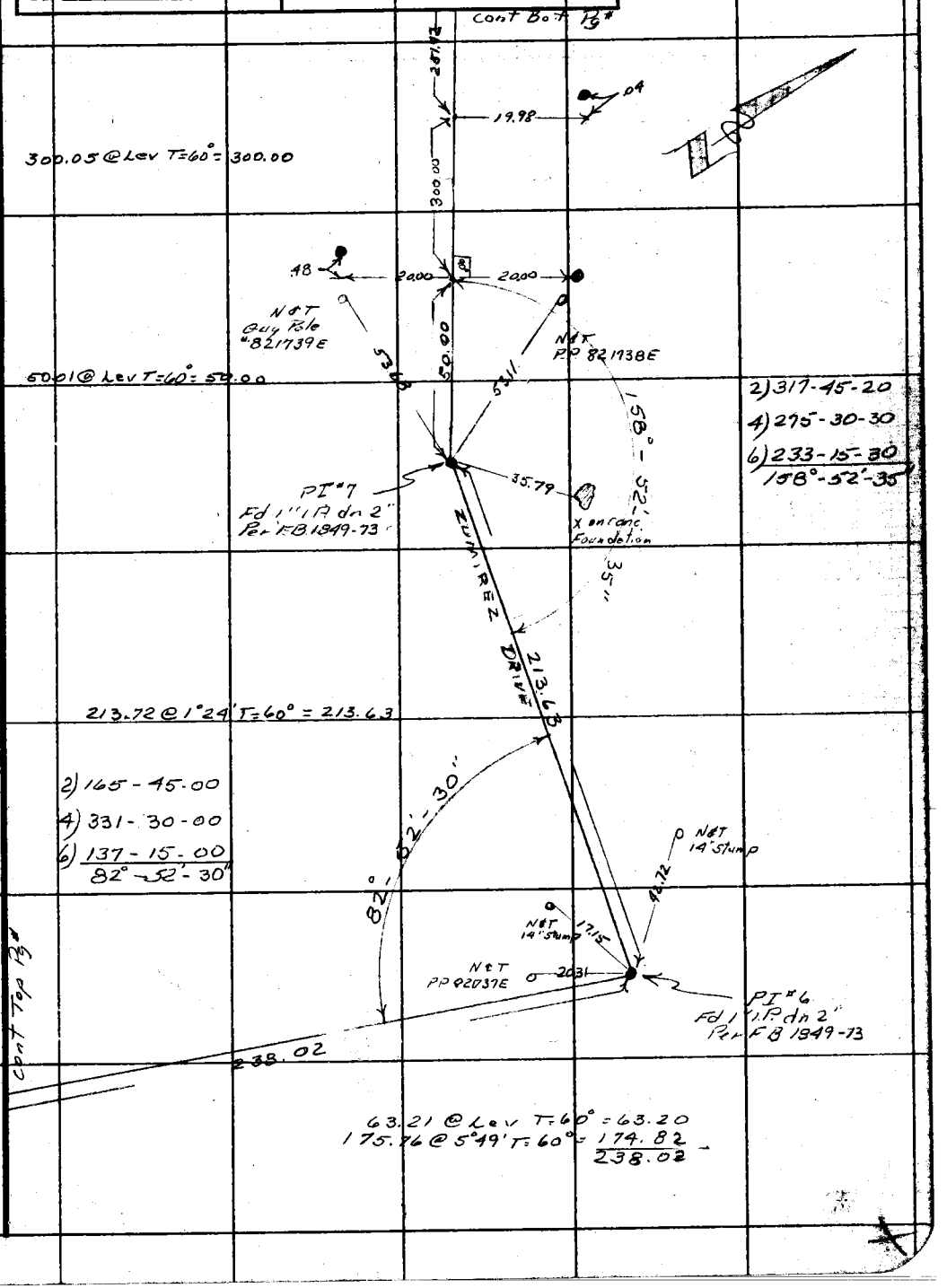
Do not extend notes this side of this line.

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

F. B. 2215 Pg. 307

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

Survey of Dume Cir Rd
W. O. 7415 Tape No. 71 Sr'd. 84° °F
Surveyed by R.C. Dale
Notes R.C.D. Date 2-7-56
Indexed E. C. Johnson



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 6-54

F.B. 2215 PG. 208

Cont Bot Pg#

11-5-92-AA

Lot Cor
Fd 2" I Pup 6"
RE Tag 2088
Per FB 1849-74

0.11

20.00

498.37

PI #9
Fd 1" I Pdn 2"
Per FB 1849-74

110.00

110.02 @ Lev T=58° = 110.00

N&T
P.P. #920693E

71.80

143.31 @ 2°59' T=66° = 143.10

2) 249-57-30
4) 139-54-50
6) 29-52-10
124°-58'-42"

143.10

61.31

59°

10.6212

75.91

85°

124°10'

N&T
P.P. #821742E

BMD2A
CS Brass Cap
Mon w/PI

PI
Fd 1" I Pdn 3"
Per FB 1849-74

N&T Guy Pole
#321723E

248.18

248.22 @ Lev T=58° = 248.18

2) 118-20-10
4) 236-40-00
6) 353-00-00
59°-10'-00"

170°

40'-35"

PI #8
Fd 3/4" I Per
FB 1849-74

N&T
CX4 Fence Post

14.35

38.97

44.29

2) 341-21-20
4) 322-42-30
6) 304-03-30
170°-40'-35"

N&T Guy
Pole 821748E

N&T
P.P. 821791E

251.42

252.88 @ 6°05' T=58° = 251.42

Cont Top Pg#

RETURN TO
LOS ANGELES COUNTY SURVEYOR
72d LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

F.B. 2219 Pg. 209

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

Survey of Dyke Cn. Rd.
W. O. 25 Tape No. 71 Sr'd. 84 °F
Surveyed by R.C. Dale
Notes R.C.D. Date 2-7-56
Indexed L. C. Johnson

Cont Bot Pg#

53.97 @ 4°03' T=60° = 53.73

53.73

P-B
Fd 1x2 N
Per FB 1849-76

126.76 @ 7°28' T=60° = 125.67
111.29 @ 4°40' T=60° = 110.90
236.57

236.57

P-"A"
Fd 1x2 & N
Per FB 1849-76

2) 329-12-30
4) 298-25-10
6) 267-37-
164°-36-

179.36 @ 5°44' T=64° = 178.44
180.88 @ 4°15' T=64° = 180.24
298.07 @ 2°15' T=64° = 297.80
656.48

656.48

2) 333-22-00
4) 306-44-00
6) 280-06-00
166°-41-00

N&T
PP# 8217478E

59.76

10.94

N&T
6" Cypress

P-# 10
Fd 1x2 & N
Dn 2" Per FB
1849-75

19.61

N&T
6" Cypress
This Tie does not Fit

200.20 @ 2°00' T=66° = 200.06
298.34 @ Lev T=66° = 298.31
498.37

498.37

cont Top Pg#

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

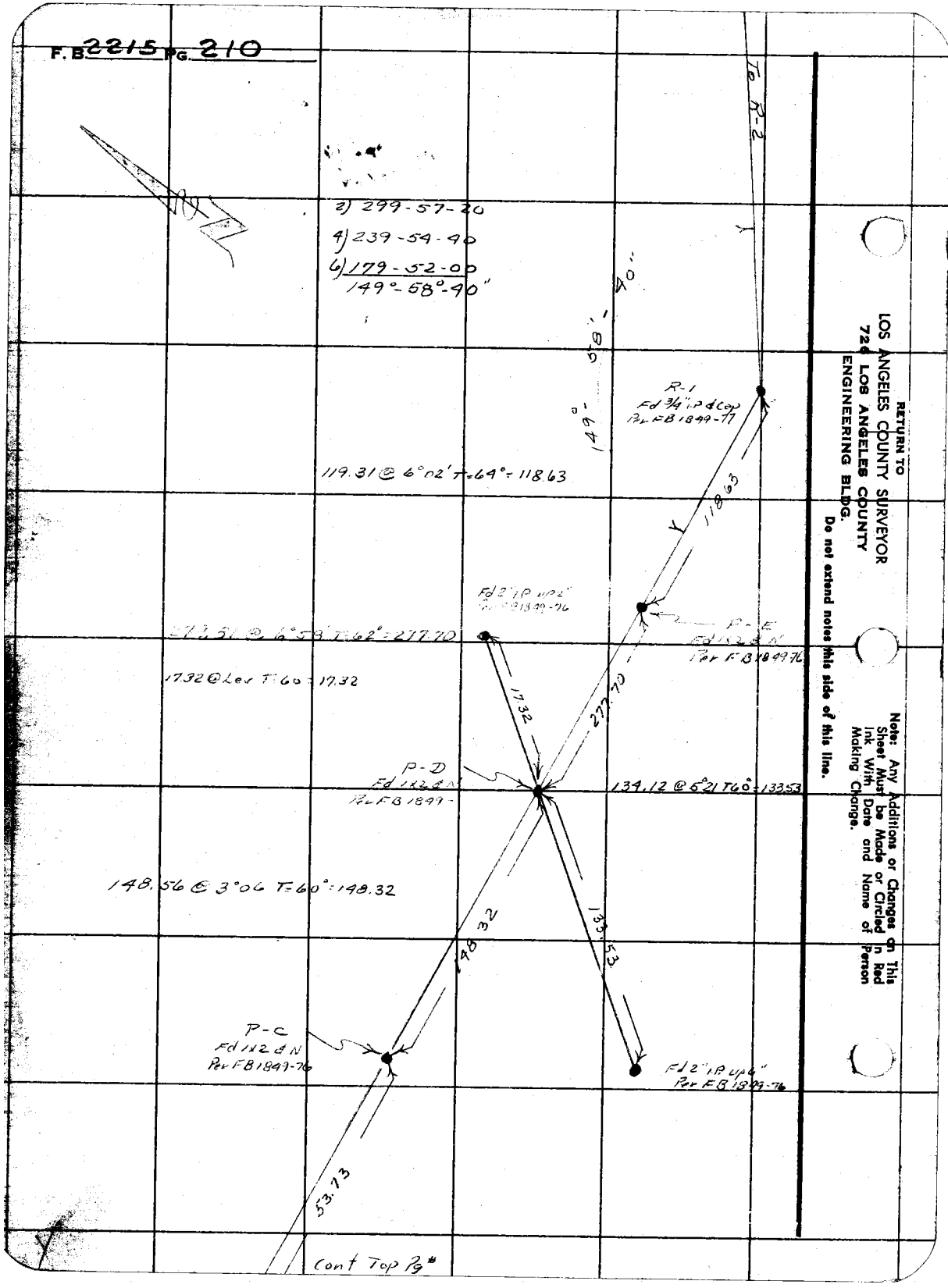
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

KWS 92-A4

F.B. 2215 PG. 210



RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

Map No.
Office Work
Checked
Date

Survey of Dume Cyn. Rd.
J.N. 0074.15 Tape 126 Sta. 34 of F
Surveyed by Uharriet
Notes Uharriet Date 6-8-61
Indexed H. E. OH

F. B. 2215 Pg. 24

DUME CYN. RD.

J.N. 0074.15

JUNE 1961

Preliminary survey for connection between Dume & Newton Cyn. Rds.

Ref. F.B. 445
F.B. 1849

Uharriet
Petersen
Wallace
Duran

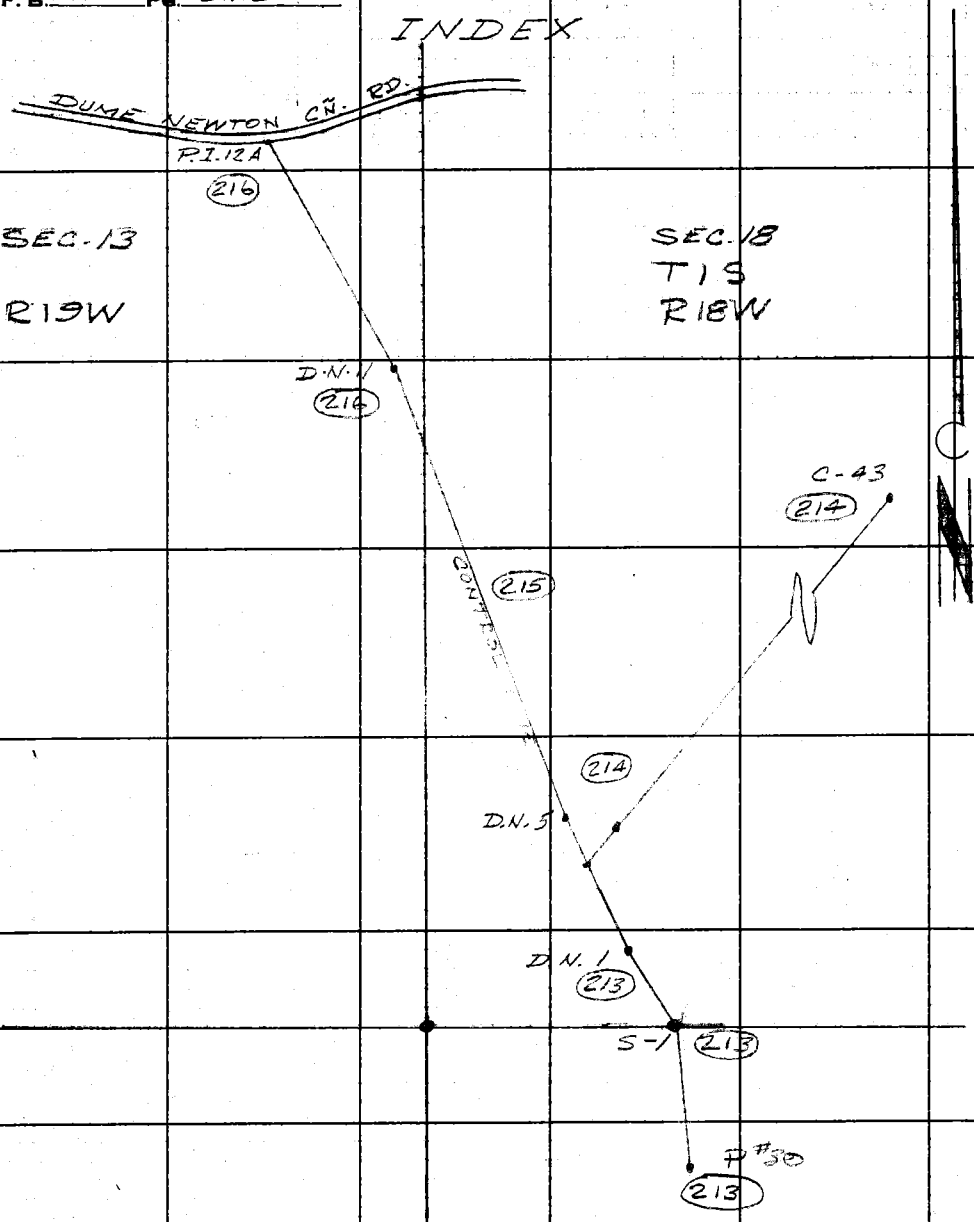
Note: Any Additions or Changes on This Sheet Must Be Made in Ink With Date and Name of Person Making Change.

Do not include notes on this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
7DO LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—9-57

F. B. 2215 Pg. 212



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

Do not extend notes this side of this line.

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

Notes Ck'd by J. AJA	Survey of Dume Cyn. Rd.
Map No.	JN 0012.0 Date 12 Sep 82 dp
Office Work	Surveyed by Uhorriet
Checked	Notes Uhorriet Date 6-6-81
Date	Indexed

F.B. 2215 Pg. 213

Lot pg 212

T66
244.68 @ 9°44' = 241.13

170°

241.13

36

12 Rd.

R19W
SEC. 18
T1S

2) 341° 12' 30"
4) 322° 24' 45"
6) 303° 37' 15"
170° 36' 12"

D.N.-1
Set 1x2 & Nail

CONTROL LINE

T64
173.10 @ 8°37' = 173.10

173°10'

S-1
Fd. 3/4" I.P. cem.
plug & cartridge,
flush, top of spur
F.B. 1849-24

TRUE SECTION LINE

F.B. 1849-24

173°

F.B. 1849-24
116°42'00"

2) 346° 30' 45"
4) 333° 01' 30"
6) 319° 32' 30"
173° 15' 25"

SEC. 19

15

25"

135.06

T64
103.00 @ 9°15' = 101.65
33.41 @ Lev. = 33.41
135.06

P#30
Fd. 3/4" I.P.
Cem. plug & cartridge
flush, top of spur
F.B. 1849-24

Note: Any Additions or Changes on This Sheet Must be Made or Clearly Noted with Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

7SF3008 CE #247—3-87

F.B. 2215 Pg. 214

bot. pg. 215

T76
122.56 @ 31°09' = 104.88 ✓
6.86 @ Lev. = 6.86 ✓
111.74 ✓

111.74

CONTROL LINE

C-43
Fd. 3¼" I.P. & wood plug, flush
F.B. 445-244

2) 345°54'15"
4) 331°48'30"
6) 317°42'45"
172°57'07" ✓

D.N.-6
Set 1X2 & Nail

172°

60.02

T70
67.44 @ 27°07' = 60.02 ✓

57'

Fd. 3½" capped I.P., stamped "U", F.B.

D.N.-5
Set 1X2 & Nail

T70
38.15 @ 11°24' = 37.40 ✓

37.40

14.65

17 Ad.

45"

D.N.-4
Set 1X2 & Nail by int.

T70
14.65 @ Lev. = 14.65 ✓

T70
39.18 @ 7°44' = 38.82 ✓

38.82

D.N.-3
Set 1X2 & Nail

126°

2) 252°49'30"
4) 145°39'00"
6) 38°28'30"
126°24'45" ✓

T72
93.97 @ 5°16' = 93.56 ✓

93.56

D.N.-2
Set 1X2 & Nail

241.13

to pg. 213

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

Do not extend notes this side of this line.

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

Notes Ck'd by J. Ash	Survey of Dunne Gym Rd
Map No.	IN 00 78 15 Page 126 Sub 88 of
Office Work	Surveyed by Uhorriet
Checked	Notes Uhorriet Date 5-9-61
Date	Indexed U. E. OB

F. B. 2215 Pg. 215

bot pg. 216

D.N.-10
Set 1X2 & Nail

TG6
92.62 @ 3°29' = 92.44 ✓

92.44

D.N.-9
Set 1X2 & Nail

TG4
94.90 @ 19°02' = 89.70 ✓

CONTROL LINE

89.70

D.N.-8
Set 1X2 & Nail

TG2
82.11 @ 28°57' = 71.84 ✓

71.84

D.N.-7
Set 1X2 & Nail

111.74

top pg. 214

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

Do not extend notes this side of this line.

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

76F1095 CE #247—3-57

F. B. 2215 Pg. 216

P.O.T. #11A
Fd. 1" I.P., cem.
Plug & cpr. wire
flush, F.B. 445-216

R.P.P.I. #12A
Fd. 1" I.P., cem.
Plug & cpr. wire
flush, F.B. 445-217

P.I. #12A
Fd. 1" I.P., cem.
Plug & cpr. wire
flush, F.B. 445-217

DUME-NEWTON CN. RD.

T64
25.37 @ 19°09' = 23.97 ✓

T64
32.12 @ Lev. = 32.12 ✓

136°
39'
40"

23.97

32.12

2) 273°19'15"
4) 186°38'45"
6) 99°58'00"
136°39'40" ✓

293.70

CONTROL

D.N.-1
"Set 1" x 24" Nail

T78
300.26 @ 20°00' = 282.14 ✓
11.56 @ Lev. = 11.56 ✓
293.70 ✓

170°
09'
23"

19 Adj

LINE

2) 340°18'45"
4) 320°37'30"
6) 300°56'15"
170°09'23" ✓

184.58

T66
189.58 @ 13°10' = 184.58 ✓

top Pg. 215

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

Do not extend notes this side of this line.

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

Profile No.	Notes Red.	Plotted	Job No. 0074.15	Division No. 11	F. B. 2215 Pg. 217
	Date	Date	Survey of Dume Cyn. Rd.		
X-Sec. No.	Notes Chkd.	Checked	Survey by Uharriet Notes Peterson	Date 6-13-61	
	Date	Date	Map No.	Indexed F. E. Oil	Date JUN 16

DUME CYN. RD.

J.N. 0074.15

JUNE 1961

Elevations on D.N. points along control line pages 213 – 216

Ref. F.B. 1849 — Uharriet

F.B. 445 — Paterson

Duran-Wallace

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

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

76L298 S & E #307 9-54

76L298 S & E #307 9-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.		
D#30				1701.46	D#30 ELEV. = 1701.461	3/4" I.P, CEM. plug &
	079	1702 25			Cartridge F.B. 1849-24,59	
T.P.	041	1692 83	9 83	1692 42		
S-1			1162	1681 21	S-1 ELEV. 1681.184	3/4" I.P, CEM-PLUG &
	066	1681 87			CARTRIDGE F.B. 1849-24,59	
T.P.	114	1672 44	1057	1671 30		
T.P.	196	1664 83	957	1662 87		
D.N. #1	133	1656 93	923	1655 60	D.N. #1 1X2 & N	F.B. 2215-213
T.P.	015	1646 08	1100	1645 93		
T.P.	134	1636 90	1052	1635 56		
T.P.	242	1627 78	1154	1625 36		
T.P.	247	1618 42	1183	1615 95		
D.N. #2	296	1617 99	339	1615 03	D.N. #2 1X2 & N	F.B. 2215-214
D.N. #3	450	1612 37	1012	1607 87	D.N. #3 1X2 & N	F.B. 2215-214
D.N. #4	455	1606 91	1001	1602 36	D.N. #4 1X2 & N	F.B. 2215-214
	253	1606 62	282	1604 09	3/4" CAPPED IRON PIPE	F.B. 2215-214
D.N. #5	022	1596 60	1024	1596 38	D.N. #5 1X2 & N	F.B. 2215-214
T.P.	020	1586 02	1078	1585 82		
T.P.	073	1575 75	1100	1575 02		
D.N. #6	010	1566 33	952	1566 23	D.N. #6 1X2 & N	F.B. 2215-214
T.P.			1101	1555 32		

F. B. 2215 Pg. 218 Job No. 0074.15 Division No. 11 Profile

Survey of Dunne Sym. Rd. Plotted ____ Notes Red. ____ No. ____

Survey by Wharton Notes T.C. Peterson Date ____ Date ____ Date ____ X-Sec.

Indexed ____ Date ____ Notes Chkd. ____ Checked ____ No. ____

76L298 S & E #307 9-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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.		
T.P.	018	155550		155532		
T.P.	023	154416	1157	154393		
T.P.	025	153338	1103	153313		
T.P.	013	152253	1098	152240		
T.P.	025	151136	1142	151111		
D.N. #7	035	150007	1164	149972	D.N. #7 1X2¢N	F.B. 2215-215
T.P.	020	148902	1125	148882		
T.P.	010	147799	1113	147789		
T.P.	169	146848	1120	146679		
D.N. #8	030	146008	870	145978	D.N. #8 1X2¢N	F.B. 2215-215
T.P.	040	144961	1087	144921		
T.P.	056	143985	1032	143929		
D.N. #9	049	142853	1181	142804	D.N. #9 1X2¢N	F.B. 2215-215
D.N. #10	1083	143079	857	141996	D.N. #10 1X2¢N	F.B. 2215-215
T.P.	1132	144173	038	143041		
T.P.	1116	145276	013	144160		
T.P.	1143	146417	002	145274		
D.N. #11	1173	147579	011	146406	D.N. #11 1X2¢N	F.B. 2215-216
T.P.	1103	148642	040	147539		
T.P.	1094	149720	016	148626		
T.P.			008	149712		

Profile No. 2075.14 Division No. 11 F.B. 2215 Pg. 219
Notes Red Plotted Job No.
Date Date Survey of DUME EX. RD.
Notes Blue Checked Survey by V. HARRIE Notes T.C.P. Date 6-13-61
Date Date Map No. Indexed R. E. OTT Date

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
	1078	1507 90		1497 12		
T.P.	1051	1518 39	002	1517 88		
T.P.	1148	1529 36	051	1517 88		
T.P.	1112	1540 23	025	1529 11		
T.P	1132	1551 10	045	1539 78		
T.P	1141	1562 35	016	1550 94		
T.P.	1135	1572 77	093	1561 42		
T.P.	721	1579 64	034	1572 43		
P.I. 12 A	994	1583 81	577	1573 87	P.I 12-A, 1" I.P., F.B. 445-217, F.B. 2215-216	
T.P.	979	1592 61	099	1582 82		
P-20 A	898	1596 20	539	1587 22	P-20A Elev. = 1587.438, 1 x 2 S.V., F.B. 445-169, 193	
P-20 B			799	1588 21	P-20B Elev. = 1588.322, 1 x 2 S.V., F.B. 445-170, 193	

F. B. 2215 Pg. 220

Job No. 0075.14 Division No. 11 Notes Red. Plotted Profile No.

Survey of DUME CN. RD. Date Date X-Sec. No.

Survey by HARRIET Notes T.C.P. Notes Chkd. Checked

Indexed H. E. OTT Date Date Date No.

Checked _____
Date _____
Notes [illegible]
Indexed _____

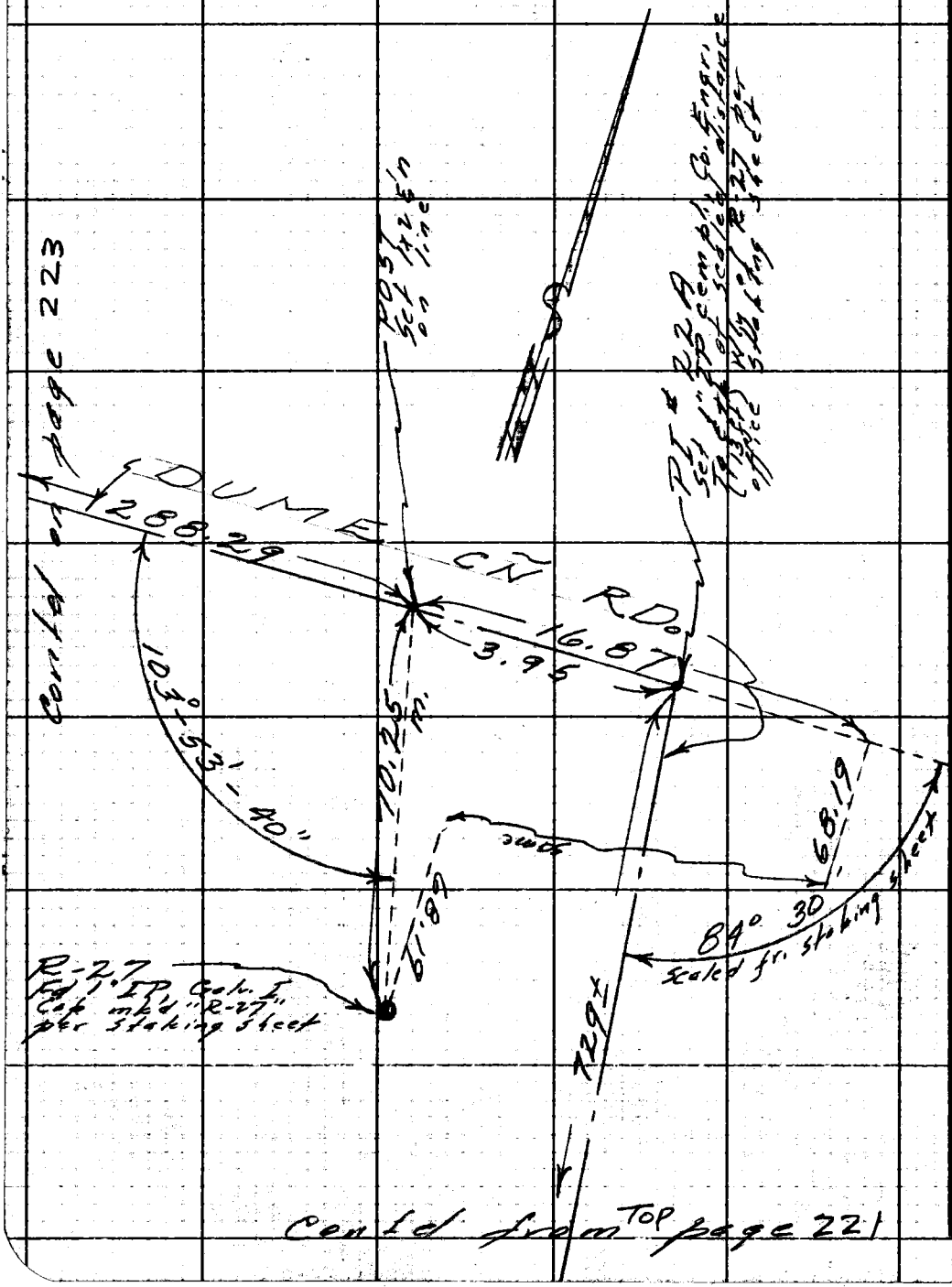
Cont'd from page

F.B. 2215 PG 222

1) 103 53 20
2) 207 47 20
3) 55 32 30
4) 103 53 37½

1) 71.07 @ 8°45 (T=96°) = 70.25
2) 71.43 @ 70°25 " = 70.26
Avg = 70.25

3.95 @ Level (T=96°) = 3.95



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

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

Survey of Dune Co Rd.
Surveyed by R.T. McKell
Notes McKell Date 7-81
Indexed

F. B. 2215 Pg. 223

1) 67.75 @ 20.40
2) 67.75 @ 20.40
Avg 67.75 @ 20.40

1) 30.10 @ 27.91 (T=82°) = 27.58
2) 33.56 @ 28.13 " = 27.58
Avg

1) 170.37 @ 8.18 (T=96°) = 168.67
2) 170.21 @ 7.49 " = 168.67
Avg

1) 56.94 @ 16.42 (T=96°) = 55.86
2) 56.94 @ 15.32 " = 55.86
Avg

1) 77.49 @ 23.57 (T=96°) = 70.82
2) 77.03 @ 23.12 " = 70.81
Avg = 70.81

Total = 288.19

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
7700 Los Angeles County Engineering Bldg.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made at Cost of Contractor Not With Each and Name of Person Making Change.
7672098 SBK 1247 11-58

F. B. 2215 PG 224

~~1) 39.35 @ 28°09 (T=71°) = 34.70~~				
2) 38.70 @ 26 23	"	= 34.67		
3) 39.07 @ 27 27	"	= 34.67		
Avg		= 34.67		
1) 291.01 @ 5° 35	(T=80°)	= 289.62		
2) 290.80 @ 5° 11	"	= 289.60		
Avg		= 289.61		
1) 72.18 @ 2°05	(T=82°)	= 72.13		
2) 72.15 @ 1°00	"	= 72.14		
Avg		= 72.13		
Total		396.41		

Control at Page 225

Control Point Page 223

R-30
Fd 1" I.P. with
Brass Cap inscd
"R-30" per
staking sheet

DUME CANYON ROAD

539.58

83.44

396.41

Set 1x2 5'n
crest of
shoulder 6'in
transitiing 6'in

Set 1x2 5'n
at scaled
distance off
R-30 and used
to control direction
of tangent per
staking sheet

1) 154.15 @ 26°31	(T=72°)	= 137.92		
2) 153.36 @ 25°36		= 137.91		
Avg		= 137.91		
1) 291.06 @ 7°24	(T=68°)	= 282.61		
2) 291.27 @ 7°21	"	= 282.63		
Avg		= 282.62		
1) 70.24 @ 22°28	(T=76°)	= 65.37		
2) 70.73 @ 22°22	"	= 65.38		
Avg		= 65.37		
1) 49.15 @ 14°01	(T=76°)	= 47.69		
2) 49.48 @ 13°31	"	= 47.68		
Avg		= 47.68		
Total		537.58		
1) 47.74 @ 9°47	(T=76°)	= 47.05		
2) 47.54 @ 8°13	"	= 47.05		
Avg		= 47.05		
1) 38.16 @ 17°27	(T=72°)	= 38.40		
2) 38.37 @ 18°28	"	= 38.39		
Avg		= 38.39		
Total		83.44		
1) 19.88 @ 16°52	(T=76°)	= 19.02		
2) 20.39 @ 21°09		= 19.02		
Avg		= 19.02		

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

Do not extend this side of this line.

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

7873095 S&E #247 11-58

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 this date of this line.

1) 172.23 @ 12°05 (T=86°) = 167.05
2) 172.77 @ 13°28 " = 167.05
Avg = 167.05

1) 256.56 @ 13°17 (T=82°) = 249.70
2) 256.83 @ 13°32 " = 249.70
Avg = 249.70

1) 29.13 @ 30°45 (T=72°) = 25.03
2) 29.05 @ 32°58 " = 25.03
Avg = 25.03

1) 35.66 @ 5°15 (T=90°) = 33.00
2) 35.52 @ 5°00 " = 33.00
Avg = 33.00

1) 201.62 @ 6°24 (T=82°) = 200.00
2) 201.50 @ 6°25 " = 200.00
Avg = 200.00
Total = 233.00

1) 109.52 @ 18°57 (T=89°) = 107.50
2) 109.25 @ 18°36 " = 107.50
2.96 @ Level = 2.96
Total = 107.50

1) 80 20 00
2) 32 22 34
3) 122 03 18
4) 80 20 34

Note: Chd By
Date
Chkd By
Date Mpt.
Checked
Date

Survey of
Date
Notes
Date
Passed

DUNE CN ROAD

167.05

249.70

80°20'35"

Cont'd from page 224

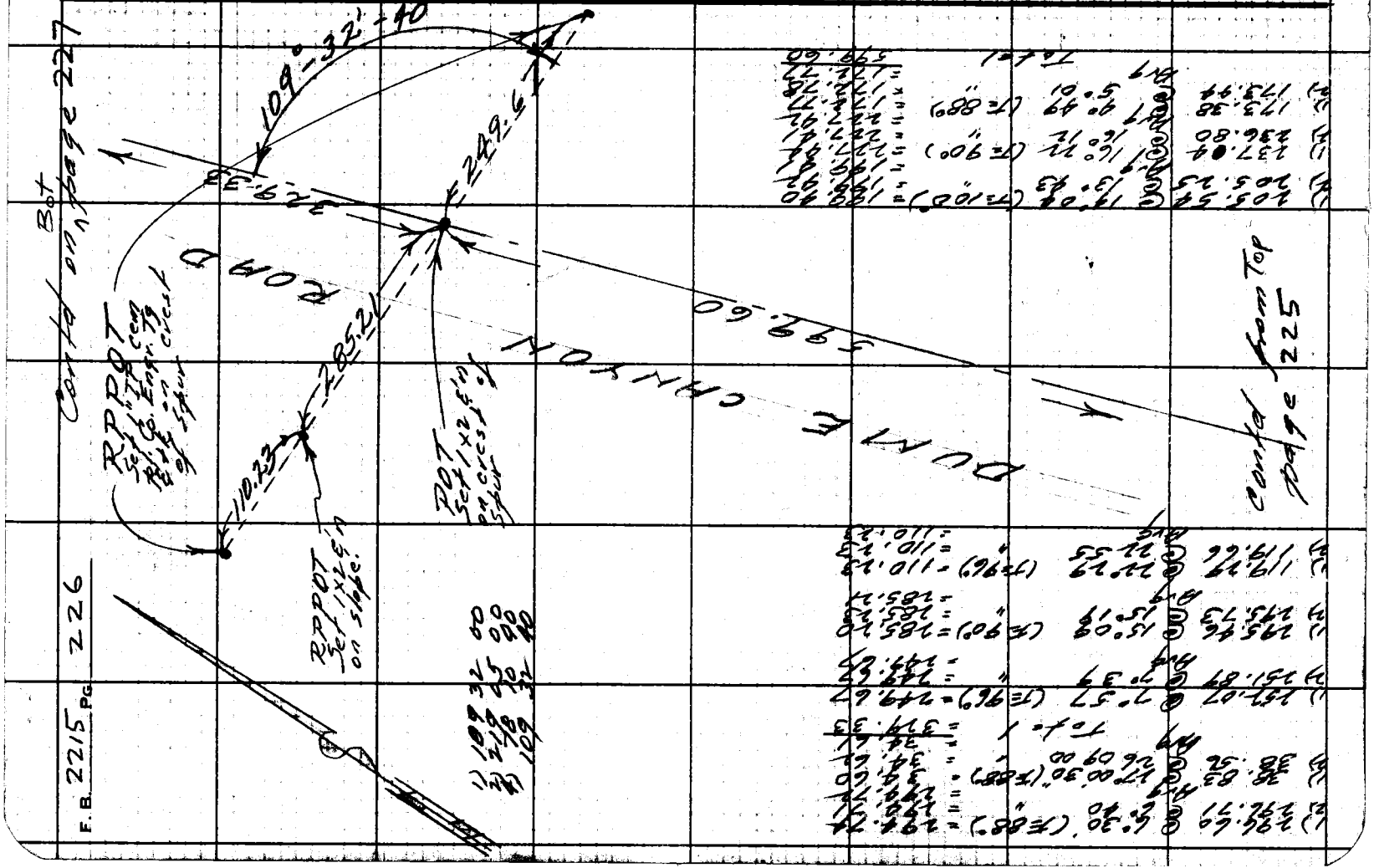
225

C 226

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 this side of this line.



Notes Checked by
Map No.

Survey of
INDIVIDUAL Tract 17 Sid 84
Surveyed
Notes
Indexed

Page 225 Col. 2-27

Contd from page

Rec. 1/16 in Rec L-3

27.00

Set Iron Pipe Cap Stamped "LS 4241" Per Recording Sheet

Set Iron Pipe Cap Stamped "LS 4241" Per Recording Sheet

Set Iron Pipe Cap Stamped "LS 4241" Per Recording Sheet

Set Iron Pipe Cap Stamped "LS 4241" Per Recording Sheet

DUNNE AVENUE

N 15°-15'-15" E

6 36.88

32 9.33

Contd from Top page 226