Survey of LA. CO. PRECISE LEVEL NET F. B. 3 > 99 PG. 5
JN 030602 Tape ____ Std ____ °F
Surveyed by DREIER
Notes ____ Date 1970
Indexed C. J. GALLI MAY 11 '70

BOOK INDEX

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|---|---|
| LINE NO. 36, 1970 RELEVELING | 7 TO 62 |
| LINE NO 49, 1970 RELEVELING | 65 TO 114 |
| LINE NO 50, 1970 RELEVELING | 121 TO 238 |

Not microfilmed.

| | |
|---|---|
| Notes Ck'd by | Survey of L.A.Co. PRECISE LEVEL NET |
| Map No. | JN 0301.02 Tape Std °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes Date MAR. 1970 |
| Date | Indexed D. J. GALLI APR 7 70 |

F. B. 3799 PG. 7

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 36, 1970 RELEVELING

DESCRIPTIONS IN F.B. 1357 AND 3700

DREIER
MALDONADO
SIEMANN
McKNIGHT

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

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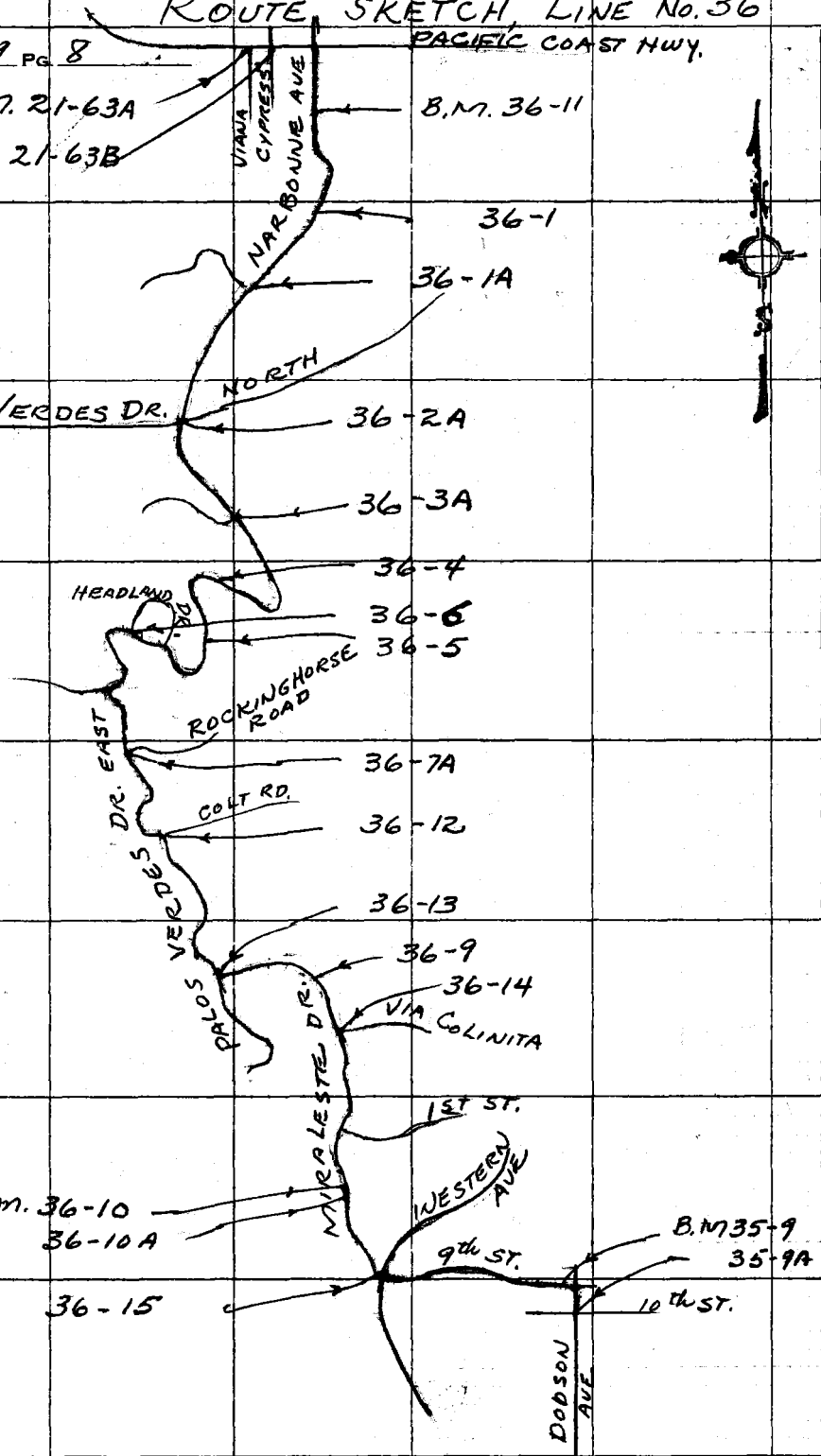
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

# ROUTE SKETCH, LINE No. 36

F. B. 3799 PG. 8

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 306 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER
DATE 3-16-70
WEATHER LOW HAZE 60°
TIME 8:30
INST. NO. 98716
ROD NO. 25 & 26
INDEXED D.L. GANT
DATE
NOTES CHKD
DATE
F.B. 3799 Pg. 9

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | | DESCRIPTION AND REMARKS FROM ___ TO ___ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | | | |
| | | NEAR ROD | | | | | FAR ROD | | | | |
| 1 | 143 | 739 | 4445 | 145<br>141 | 4 | 52 | 312 | 3535 | 79<br>25 | 54 | 54M- 4 M= 50 M=0.20 mm |
| 2 | 136 | 777 | 4375 | 138<br>134 | 4 | 228 | 057 | 529 | 255<br>201 | 54 | 54M- 4 M= 50 M=0.20 mm |
| | 280 | 516 | | | 8 | 280 | 369 | | | 108 | |
| | 280 | 329 | | | | | 040 | | | | |
| | + | 187 | | | | -0. | mm | | | 8 | Curvature Corr.=0.40 mm |
| | | | | | | 280 | 329 | | | 100 | |
| | | | | | | - | | | | | |
| | | + 0.019 | | mm= "C" | | | | | | | |
| | 100 | 187<br>100<br>870 | | | | | | | | | |
| | | | | | | | 1 | | mm= "C" | | |

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER Low Haze INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-17-70 TIME 8:40 ROD NO. 95896

INDEXED C.J. GALLI DATE [illegible] NOTES CHKD. DATE

F.B. 3799 Pg. 11

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 136 | 419 | 437 5 | 138 / 134 4 | 227 | 491 | 528 5 | 254 / 200 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 141 | 336 | 442 5 | 143 / 139 4 | 50 | 182 | 351 5 | 77 / 23 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 277 | 755 | | 8 | 277 | 673 | | 108 | |
| | 277 | 633 | | | | 040 | | | |
| | + | 122 | | | -0. | mm | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 277 | 633 | | 100 | |
| | | | | | - | | | | |

+0.012 mm= "C"

100 | 1.22
100
22

mm= "C"

76P526B CE # 308 6-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT | STADIA | RIGHT | MIC. | LEFT | STADIA | FROM ____ TO ____ |
| | | | | | | | | | |

DETERMINATION OF "C"

| | NEAR ROD | | | | | | FAR ROD | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 152 | 168 | 453 | 5 | 154<br>150 | 4 | 240 | 378 | 541 | 5 | 267<br>213 | 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 148 | 959 | 449 | 5 | 150<br>146 | 4 | 60 | 749 | 361 | 5 | 87<br>33 | 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 301 | 127 | | | | 8 | 301 | 127 | | | | 108 | |
| | 301 | 087 | | | | | | 0.40 mm | | | | 8 | Curvature Corr.=0.40 mm |
| | + | 040 | | | | | -0 | | | | | | |
| | | | | | | | 301 | 087 | | | | 100 | |
| | | | | | | | - | | | | | | |

+ 0,040 mm= "C"

100 / 0,40

mm = "C"

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60°

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-18-70 TIME 8:30 ROD NO. 95896

INDEXED [illegible] DATE [illegible] NOTES CHKD DATE

F.B. 3799 PG. 13

76P526B CE # 306 8-59

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER
DATE 3-19-70
WEATHER CLEAR 67°
TIME 9:10
INST. NO. 96716
ROD NO. 95896
F.B. 3799 PG. 15
INDEXED DATE
NOTES CHKD DATE

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | | | | DETERMINATION OF "C" | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 151 | 382 | 452 | 5 153 149 4 | 239 | 540 | 540 | 5 266 212 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 149 | 513 | 450 | 5 151 147 4 | 61 | 252 | 362 | 5 88 34 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 300 | 895 | | 8 | 300 | 792 | | 108 | |
| | 300 | 752 | | | | 040 | | | |
| | + | 143 | | | -01 | mm | | 8 | Curvature Corr.=0.40 mm |
| | | | | | 300 | 752 | | 100 | |
| | | | | | - | | | | |
| | | +0.014 | | mm= "C" | | | | | |
| | 100 | 1.43 | | | | | | | |
| | | | | | | | | mm.= "C" | |

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-70

SURVEY BY G.E. DREIER G.E. Dreier WEATHER Sunny INST. NO. 96716

NOTES BY Maldonado DATE 3-20-70 TIME 2:55 to ROD NO. 95896

INDEXED C.J. GALLI DATE 77 NOTES CHKD. DATE

F.B. 3799 PG. 17

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 171 | 720 | 472 5 | 173 / 169 4 | 249 | 754 | 550 5 | 276 / 222 54 | 54M- 4 M= 50 M=0.20 mm |
| 2 | 155 | 040 | 456 5 | 157 / 153 4 | 76 | 958 | 377 5 | 103 / 49 54 | 54M- 4 M= 50 M=0.20 mm |
| | 326 | 760 | | 8 | 326 | 712 | | 108 | 0.40 |
| | 326 | 672 | | | | 040 | | 8 | |
| | + | 088 | | | -0. | mm | | | Curvature Corr.=0.40 mm |
| | | | | | 326 | 672 | | 100 | |
| | | | | | - | | | | |

.008 mm= "C"

100 / 0.880
800
80

mm= "C"

76P526B CE # 306 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 3-23-70 WEATHER CLEAR 68°
NOTES BY G.E. DREIER TIME 10:00 INST. NO. 98916
INDEXED C.J. GALL DATE APR 70 NOTES CHKD DATE ROD NO. 95496
F.B. 3799 Pg. 19

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS From ___ To ___ |
|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 163 | 598 | 464 5 | 165 / 161 4 | 139 | 704 | 440 5 | 160 / 109 60 | 60 M- 4 M= 56 M=0.20 mm |
| 2 | 157 | 540 | 458 5 | 159 / 155 4 | 181 | 387 | 482 5 | 211 / 151 60 | 60 M- 4 M= 56 M=0.20 mm |
| | | | | 8 | 321 | 091 | | 120 | |
| | 321 | 138 | | | | 040 | | | |
| | | | | | -06 | mm | | -8 | Curvature Corr.=0.40 mm |
| | 321 | 051 | | | | | | | |
| | | | | | 321 | 051 | | 112 | |
| | | 087 | | | | | | | |
| | | 0.008 mm= "C" | | | | | | | |
| | 112 | 0870 | | | | | | | |
| | | 896 | | | | | | | |
| | | | | | | | mm= "C" | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 3-16-70 WEATHER Low HAZE 60° INST. NO 96716

NOTES BY G.E. DREIER DATE 3-16-70 TIME 8:40 TO ROD NO 95 & 96

INDEXED C.J. GALLI DATE [illegible] NOTES CHKD [illegible] DATE

F.B. 3799 PG. 21

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 21-63A TO 21-63B |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 21-63A | | | | | | | | | B.M. 21-63A (U.S.C.&G.S. E-767 RESET 1960) PAC. COAST HWY & VIANA |
| 1 | 130 ~~129~~ | 041 | 431 5 | 146 114 32 | 203 | 891 | 504 5 | 219 187 32 | SEE F.B. 3702-137 |
| 2 | 102 | 208 | 403 5 | 119 85 34 66 | 254 | 590 | 555 5 | 271 237 34 66 66 | |
| | 232 | 249 | | | 458 | 481 | | 132 | |
| B.M. 21-63B | | | | | 232 | 249 | | | B.M. 21-63B PAC. COAST HWY & CYPRESS, ℄ SEE F.B. 3702-138 |
| | | | | | -226 | 232 | | | |

FOR ADDITIONAL DIFF. IN ELEV. OF B.M.'S IN LINE 21 SEE F.B. 3798 - 181 TO 190

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 21-63B TO 21-63A |
| B.M. 21-63B | | | | | | | | | B.M. 21-63B |
| 1 | 265 | 472 | 566.5 | 285<br>245 40 | 88 | 450 | 389 5 | 109<br>67 42 | PAC. COAST HWY & CYPRESS<br>SEE F.B. 3702-138 |
| 2 | 189 | 719 | 490 | 202<br>176 26<br>66 | 140 | 521 | 441 5 | 152<br>128 24<br>66 | |
| | | | | | | | | 66 | ⊼ J. MALDONADO |
| | 455 | 191 | | | 228 | 971 | | 132 | |
| | 228 | 971 | | | | | | | |
| B.M. 21-63A | +226 | 220 | | | | | | | B.M. 21-63A (U.S.C.&G.S. E 767 RESET 1960)<br>PAC. COAST HWY & VIANA<br>SEE F.B. 3702-137 |

F.B. 3799 PG. 22 JOB NO. 0301.02

SURVEY OF G.E. DREIER L.A. Co. PRECISE LEVEL NET WEATHER LOW HAZE INST. NO. 96716

SURVEY BY DREIER NOTES DREIER 3-16-70 TIME 8:30 TO 8:40 ROD NO. 95896

INDEXED C.J. GALLI DATE NOTES CHKD [signature] DATE

60°

76P526B CE # 308 8/68

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**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 21-63B TO 36-11 |
| B.M. 21-63B | | | | | | | | | B.M. 21-63B |
| 1 | 110 | 106 | 411 5 | 140 80 60 | 215 | 811 | 516 5 | 245 185 60 | PAC. COAST Hwy & CYPRESS ℄ |
| | | | | | | | | | SEE F.B. 3702-138 |
| 2 | 83 | 860 | 384 5 | 111 55 56 | 207 | 929 | 508 5 | 135 179 56 | |
| 3 | 231 | 852 | 532 5 | 355 207 116 48 | 70 | 468 | 371 5 | 95 45 116 50 | |
| 4 | 264 | 300 | 565 5 | 290 238 164 52 | 27 | 382 | 328 5 | 53 1 166 52 | ⊼ J. MALDONADO |
| 5 | 227 | 970 | 528 5 | 244 210 216 34 | 79 | 241 | 380 5 | 96 62 218 34 | |
| | | | | 250 | | | | 252 | |
| | | | | | | | | 250 | |
| | 918 | 088 ✓ | | | 600 | 831 ✓ | | 502 | |
| | 600 | 831 ✓ | | | | | | | |
| B.M. 36-11 | +317 | 257 ✓ | | | | | | | B.M. 36-11 |
| | | | | | | | | | NARRBONNE AVE AT No. # 25941 |
| | | | | | | | | | SEE F.B. 3700-65 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-16-70

INDEXED C.L. GALLY DATE

WEATHER LOW HAZE 60°

TIME 8:53 TO 9:20

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3799 PG. 23

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 3799 PG. 24 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-23-70

INDEXED C.J. GALLI DATE

WEATHER LOW HAZE 77° INST. NO. 96716

TIME 1:30 TO 2:00 ROD NO. 95 & 96

NOTES CHKD DATE

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 36-11 TO 21-63B |
| B.M. 36-11 | | | | | | | B.M. 36-11 |
| 1 | 103.824 | 404.5 | 118 88 30 | 225.408 | 526.5 | 241 209 32 | NARBONNE AVE & Ho. # 25941 |
| | | | | | | | SEE F.B. 3700-65 |
| 2 | 4.802 | 305.5 | 32 ½4 56 | 250.060 | 551.5 | 278 222 56 | |
| | | | 73 86 | | | 250 88 | |
| 3 | 45.532 | 346.5 | 17 56 | 221.866 | 522.5 | 192 58 | |
| | | | 142 | | | 146 | T J. MALDONADO |
| 4 | 172.765 | 473.5 | 203 141 62 | 82.850 | 383.5 | 112 52 60 | |
| | | | 204 | | | 206 | |
| 5 | 232.861 | 533.5 | 264 200 64 | 96.888 | 397.5 | 130 64 66 | |
| | | | 268 | | | 272 | |
| B.M. 21-63B | | | | | | 268 | B.M. 21-63B |
| | 559.784 | | | 877.072 | | 540 | PAC. COAST Hwy & CYPRESS |
| | | | | 559.784 | | | SEE F.B. 3702-138 |
| | | | | 317.288 | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-16-70

INDEXED C.L. GALLI DATE [illegible]

WEATHER CLEAR 63° TO 80°

TIME 9:20 TO 10:00

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 95 & 96

F.B. 3799 PG. 25

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-11 TO 36-1 |
| B.M. 36-11 | | | | | | | | | B.M. 36-11 |
| 1 | 245 | 772 | 546 5 | 263 / 227 36 | 23 | 593 | 324 5 | 42 / 4 38 | NARBONNE AVE AT No # 25941 |
| | | | | | | | | | SEE F.B. 3700-65 |
| 2 | 270 | 533 | 571 5 | 281 / 259 22 | 3 | 050 | 304 5 | 15 / 23 24 | |
| 3 | 273 | 840 | 574 5 | 284 / 262 22 | 9 | 520 | 310 5 | 20 / 29 22 | |
| 4 | 274 | 949 | 575 5 | 285 / 263 22 | 30 | 358 | 321 5 | 41 / 19 22 | ⊼ J. MALDONADO |
| 5 | 288 | 657 | 589 5 | 299 / 277 22 | 38 | 122 | 339 5 | 49 / 27 22 | |
| 6 | 250 | 771 | 551 5 | 274 / 226 48 | 185 | 950 | 486 5 | 209 / 161 48 | |
| 7 | 147 | 532 | 448 5 | 162 / 132 30 | 99 | 217 | 400 5 | 112 / 86 26 | |
| 8 | 292 | 272 | 593 5 | 292 / 266 52 | 5 | 689 | 306 5 | 32 / 5 54 | |
| 9 | 261 | 452 | 562 5 | 280 / 242 38 | 29 | 472 | 330 5 | 48 / 10 38 | |
| 10 | 180 | 383 | 481 5 | 184 / 176 8 | 139 | 482 | 440 5 | 142 / 136 6 | |
| | | | | 300 | | | | 300 | |
| B.M. 36-1 | | | | | | | | 300 | B.M. 36-1 (U.S.C.&G.S |
| | 2486 | 161 | | | 564 | 453 | | 600 | NARBONNE AVE 0.5 MI. S. OF PAC. COAST Hwy |
| | 564 | 453 | | | | | | | SEE F.B. 1357-7 & 3700-67 |
| | +1921 | 708 | | | | | | | |

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3799 PG. 26 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-23-70

INDEXED C.J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 1:00 ROD NO. 95896

NOTES CHKD DATE

77°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-1 TO 36-11 |
| B.M. 36-1 | | | | | | | | | B.M. 36-1 |
| 1 | 55621 | 356.5 | | 74 36 38 | 261 401 | 562.5 | | 281 241 40 | NARBONNE AVE. 0.5 mi. S. of PAC. COAST HWY |
| | | | | | | | | | SEE F.B. 1357-7 & 3700-67 |
| 2 | 4226 | 305.5 | | 26 ½ 4 44 82 | 245 928 | 546.5 | | 265 225 40 80 | |
| 3 | 32 900 | 333.5 | | 56 8 48 130 | 148 387 | 449.5 | | 172 124 48 128 | J. MALDONADO |
| 4 | 175 480 | 476.5 | | 196 154 42 172 | 238 716 | 539.5 | | 259 217 42 170 | |
| 5 | 5 510 | 306.5 | | 17 ½ 5 24 196 | 281 802 | 582.5 | | 292 270 22 192 | |
| 6 | 4 831 | 303.5 | | 14 ½ 4 20 216 | 297 980 | 598.5 | | 297 ½ 284 26 218 | |
| 7 | 9 803 | 310.5 | | 20 ½ 9 22 238 | 268 739 | 569.5 | | 278 258 20 238 | |
| 8 | 12 456 | 313.5 | | 24 0 24 262 | 255 893 | 556.5 | | 266 244 22 260 | |
| 9 | 29 936 | 330.5 | | 45 13 32 294 | 213 160 | 514.5 | | 230 196 34 294 | |
| 10 | 133 158 | 434.5 | | 137 129 8 302 | 173 558 | 474.5 | | 177 169 8 302 | |
| B.M. 36-11 | | | | | | | | 302 | B.M. 36-11 |
| | 463 923 ✓ | | | | 385 564 ✓ | | | 604 | ~~Norman~~ NARBONNE AVE & Ho. # 25941 |
| | | | | | 463 923 ✓ | | | | SEE F.B. 3700-65 |
| | | | | | 1921 641 ✓ | | | | |

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR 80° TO 78°
NOTES BY G.E. DREIER DATE 3-16-70 TIME 10:00 TO 10:40 INST. NO. 96716
INDEXED G.L. GALL DATE 7 ROD NO. 95 & 96
NOTES CHKD DATE
F.B. 3799 PG. 27

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 36-1 TO 36-1A |
| B.M. 36-1 | | | | | | | B.M. 36-1 (U.S.C.&G.S. G-168 RESET 1940) |
| 1 | 258 298 | 559 5 | 272 / 244 28 | 81 921 | 382 5 | 96 / 66 30 | NARBONNE AVE. 0.5 MI. S. OF PAC. COAST HWY |
| 2 | 298 785 | 599 5 | 298 / 274 48 | 25 486 | 326 5 | 50 / 0 50 | SEE F.B. 1357-7 & 3700-67 |
| 3 | 284 771 | 585 5 | 300 76 / 268 32 | 56 168 | 357 5 | 72 80 / 40 32 | R. SIEMANN |
| 4 | 278 993 | 579 5 | 303 108 / 253 50 | 83 031 | 384 5 | 108 112 / 58 50 | |
| 5 | 284 110 | 585 5 | 304 158 / 264 40 | 16 845 | 317 5 | 134 162 / 216 36 | |
| 6 | 301 612 | 602 5 | 301 198 / 284 34 | 12 700 | 313 5 | 26 198 / 2 28 | |
| 7 | 296 740 | 597 5 | 306 232 / 286 20 | 11 410 | 312 5 | 23 226 / -1 24 | |
| 8 | 274 213 | 575 5 | 286 252 / 262 24 | 16 991 | 317 5 | 29 250 / 3 26 | |
| 9 | 295 946 | 596 5 | 305 276 / 285 20 | 17 112 | 318 5 | 27 276 / 7 20 | |
| 10 | 294 702 | 595 5 | 305 296 / 283 22 | 59 421 | 360 5 | 70 296 / 48 22 | |
| 11 | 172 762 | 473 5 | 174 318 / 170 4 | 99 970 | 400 5 | 161 318 / 97 4 | |
| | | | 322 | | | 322 | |
| | | | | | | 322 | |
| B.M. 36-1A | 3040932 | | | 481055 | | 644 | B.M. 36-1A |
| | 481055 | | | | | | NARBONNE AVE & CLUB VIEW DR |
| | +2559877 | | | | | | SEE F.B. 3700-68 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-1A TO 36-1 |
| B.M.36-1A | | | | | | | | | B.M. 36-1A |
| 1 | 9 | 329 | 310 5 | 21 ½ 9 22 | 286 | 512 | 587 5 | 298 274 24 | NARBONNE AVE & CLUB VIEW DR. SEE F.B. 3700-68 |
| 2 | 9 | 922 | 310 5 | 18 0 18 | 290 | 422 | 591 5 | 302 278 24 | |
| 3 | 20 | 702 | 321 5 | 35 5 40 30 | 273 | 230 | 574 5 | 284 262 48 22 | ⊼ R. SIEMANN |
| 4 | 12 | 970 | 313 5 | 23 1 70 22 | 301 | 371 | 602 5 | 301 ½ 290 70 22 | |
| 5 | 14 | 091 | 315 5 | 26 2 92 24 | 283 | 693 | 584 5 | 295 271 92 24 | |
| 6 | 33 | 525 | 334 5 | 47 19 116 28 | 236 | 069 | 537 5 | 251 221 116 30 | |
| 7 | 37 | 359 | 338 5 | 57 17 144 40 | 239 | 832 | 540 5 | 260 218 146 42 | |
| 8 | 49 | 909 | 350 5 | 73 ½ 49 184 48 | 301 | 292 | 602 5 | 301 ½ 279 188 44 | |
| 9 | 8 | 763 | 309 5 | 32 ½ 8 232 48 | 298 | 661 | 599 5 | 298 275 232 46 | |
| 10 | 45 | 372 | 346 5 | 64 26 280 38 | 290 | 673 | 591 5 | 290 ½ 267 278 46 | |
| | | | | 318 | | | | 324 | |
| B.M 36-1 | | | | | | | | 318 | B.M. 36-1 (U.S.C.&G.S G168 RESET 1940) |
| | 241 | 942 | | | 2801 | 755 | | 642 | NARBONNE AVE. 0.5 MI. S. OF PAC. COAST HWY |
| | | | | | 241 | 942 | | | SEE F.B. 3700-67 |
| | | | | | 2559 | 813 | | | |

F.B. 3799 PG. 28 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-23-76

INDEXED C.T. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:50 ROD NO. 95896

NOTES CHKD DATE

740

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER CLEAR 78°

NOTES BY G.E. DREIER DATE 3-16-70 TIME 11:40 INST. NO. 26716

INDEXED D.J. GALLI DATE NOTES CHKD DATE ROD NO. 95896

F.B. 3799 PG. 29

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS From 36-1A To 36-2A |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 36-1A | | | | | | | | | B.M. 36-1A |
| 1 | 42 | 256 | 3435 | 52 32 20 | 233 | 002 | 5345 | 244 222 22 | NARBONNE AVE & CLUB VIEW DR. |
| | | | | | | | | | SEE F.B. 3700-68 |
| 2 | 273 | 901 | 5745 | 287 259 28 | 7 | 530 | 3085 | 20 ½ 7 26 | |
| 3 | 299 | 267 | 6005 | 299 48 ½ 287 24 | 19 | 709 | 3205 | 31 48 7 24 | R. SIEMANN |
| 4 | 292 | 435 | 5935 | 304 72 280 24 | 13 | 928 | 3145 | 24 72 ½ 2 22 | |
| 5 | 290 | 332 | 5915 | 301 96 279 22 | 27 | 899 | 3285 | 38 94 16 22 | |
| 6 | 292 | 840 | 5935 | 300 118 284 16 | 24 | 991 | 3255 | 35 116 13 22 | |
| 7 | 298 | 209 | 5995 | 298 134 ½ 287 22 | 29 | 559 | 3305 | 37 138 21 16 | |
| 8 | 279 | 130 | 5805 | 291 156 267 24 | 26 | 169 | 3275 | 38 154 14 24 | |
| 9 | 294 | 100 | 5955 | 294 180 ½ 280 28 | 16 | 468 | 3175 | 34 178 ½ 16 36 | |
| 10 | 289 | 378 | 5905 | 289 208 ½ 267 44 | 67 | 866 | 3685 | 89 214 45 44 | |
| 11 | 171 | 667 | 4725 | 190 252 152 38 | 190 | 450 | 4915 | 207 258 173 34 | |
| 12 | 133 | 111 | 4345 | 163 290 103 60 | 50 | 098 | 3515 | 79 292 21 58 | |
| | | | | 350 | | | | 350 | |
| | 2956626 | | | | 707 | 669 | | 350 | |
| | 707 669 | | | | | | | 700 | |
| | +2248957 | | | | | | | | |
| B.M. 36-2A | | | | | | | | | B.M. 36-2A |
| | | | | | | | | | NARBONNE AVE AND P.V.DR. N., |
| | | | | | | | | | SEE F.B. 3700-69 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 30 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-23-70

INDEXED C.H. GALL DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:10 TO 10:50 ROD NO. 95896

NOTES CHKD. DATE

68° TO 74°

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS FROM 36-2A TO 36-1A |
|---|---|---|---|---|---|---|---|
| B.M. 36-2A | | | | | | | B.M. 36-2A |
| 1 | 38 960 | 339 5 | 181 / 238 86 | 84 976 | 385 5 | 127 / 41 86 | NARBONNE AVE. & PALOS VERDES DR. N. |
| | | | | | | | SEE F.B. 3700-69 |
| 2 | 41 376 | 342 5 | 66 / 16 50 | 296 370 | 597 5 | 296 / 273 46 | |
| 3 | 19 651 | 320 5 | 136 / 34 / 4 30 | 299 799 | 600 5 | 299 / 284 30 | R. SIEMANN |
| 4 | 12 889 | 313 5 | 166 / 24 / 0 24 | 295 711 | 596 5 | 132 / 307 / 283 24 | |
| 5 | 12 069 | 313 5 | 190 / 23 / 1 22 | 299 650 | 600 5 | 162 / 299 / 286 26 | |
| 6 | 10 022 | 311 5 | 212 / 22 / 10 24 | 288 971 | 589 5 | 186 / 301 / 275 26 | |
| 7 | 13 591 | 314 5 | 236 / 25 / 1 24 | 292 188 | 593 5 | 212 / 304 / 280 24 | |
| 8 | 13 766 | 314 5 | 260 / 25 / 1 24 | 297 216 | 598 5 | 238 / 309 / 285 24 | |
| 9 | 8 870 | 309 5 | 284 / 20 / 8 24 | 301 379 | 602 5 | 262 / 301 / 289 24 | |
| 10 | 13 319 | 314 5 | 308 / 25 / 1 24 | 154 700 | 455 5 | 286 / 166 / 142 24 | |
| 11 | 212 742 | 513 5 | 332 / 223 / 261 22 | 35 420 | 336 5 | 340 / 45 / 25 20 | |
| | | | 354 | | | 334 | |
| | | | | | | 354 | B.M. 36-1A |
| B.M. 36-1A | 397 255 | | | 2646 380 | | 708 | NARBONNE AVE & CLUB VIEW LANE |
| | | | | 397 255 | | | SEE F.B. 3700-68 |
| | | | | - 2249 125 | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier NOTES BY Maldonado DATE 3-16-70 WEATHER Sunny TIME 1:00 To 1:25 INST. NO. 96716 ROD NO. 83896

INDEXED C.J. GATTI DATE 7-70 NOTES CHKD. [illegible] DATE

F.B. 3799 PG. 31

T-86°

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | From BM 36-2A To 36-3A |
| BM 36-2A | +34 21 | | 306 | 23 23 | | 97 | BM 36-2A |
| 1 | 279 962 | 580 S | 252 54 | 69 197 | 370 S | 41 56 | Narbonne Ave., Palos Verdes Dr. N. & |
| | | | 278 | | | 65 | Palos Verdes Dr. E. ℄ Int. |
| 2 | 264 141 | 565 S | 250 28 | 51 933 | 352 S | 37 28 | See F.B. 3700-69 |
| | | | 308 82 | | | 40 84 | |
| 3 | 293 172 | 594 S | 278 30 | 24 088 | 325 S | 8 32 | |
| | | | 296 112 | | | 86 116 | |
| 4 | 296 900 | 597 S | 274 44 | 66 378 | 367 S | 45 71 | X-Dreier |
| | | | 229 156 | | | 136 157 | |
| 5 | 208 810 | 509 S | 187 42 | 114 502 | 415 S | 92 44 | |
| | | | 226 198 | | | 135 201 | |
| 6 | 212 251 | 513 S | 188 48 | 111 872 | 412 S | 87 48 | |
| | | | 212 246 | | | 119 249 | |
| 7 | 193 905 | 494 S | 174 37 | 102 183 | 403 S | 85 34 | |
| | | | 283 | | | 283 | |
| | | | | | | 283 | |
| | 1749 141 | | | 470 | | 566 | |
| | 540 153 | | | 540 153 | | | |
| | +1208 988 | | | | | | |
| BM 36-3A | | | | | | | BM 36-3A (LACRD Bt. Spike) ~~Palos Verdes Dr. E.~~ ~~Narbonne Ave.~~ & Harbor Sight Dr. N.W. Cor. See F.B. 1357-10 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-3A TO 36-2A |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 36-3A | 123 | 53 | | 169 | 187 | 3 | | 213 | B.M. 36-3A |
| 1 | 144 | 577 | 445 5 | 119 50 | ~~188~~ 960 | | 488 5 | 161 52 | PALOS Verdes Dr. E. & Harbor Sight Dr. |
| | | | | | | | | | See F.B. 1357-9 N.W. Cor. |
| 2 | 108 | 255 | 409 5 | 134 56 / 82 ~~216~~ | 221 | 524 | 522 5 | 247 / 195 52 | |
| 3 | 106 | 150 | 407 5 | 125 106 / 87 38 | 255 | 313 | 556 5 | 274 104 / 236 38 | |
| 4 | 30 | 355 | 331 5 | 49 144 / 11 38 | 285 | 331 | 586 5 | 304 142 / 266 38 | ⊼-Dreier |
| 5 | 5 | 929 | 326 5 | 23½ 182 / 5½ 36 | 300 | 518 | 601 5 | 300½ 180 / 284½ 32 | |
| 6 | 40 | 764 | 341 5 | 54 218 / 26 28 | 271 | 219 | 572 5 | 288 212 / 254 34 | |
| 7 | 101 | 100 | 402 5 | 121 246 / 81 40 | 224 | 327 | 525 5 | 244 246 / 203 41 | |
| | | | | 286 | | | | 287 | |
| | | | | | | | | 286 | |
| | 537 | ~~030~~ 130 | | | 1746 | 192 | | 573 | |
| | | | | | 537 | 130 | | | |
| | | | | | 1209 | 062 | | | |
| BM 36-2A | | | | | | | | | BM 36-2A Palos Verdes Dr. E. & Palos Verdes Dr. N. & Narbonne Ave. E. See F.B. 3700-69 |

F.B. 3799 PG. 32 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-20-70

INDEXED C.J. GALT DATE

WEATHER Sunny & Lt INST. NO. 96716

TIME 2:30 to 2:50 ROD NO. 95896

NOTES CHKD [illegible] DATE [illegible]

T-70°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Waldemade G.E. Dreier DATE 3-16-70 WEATHER Sunny & Hot

NOTES BY G.E. Dreier TIME 1:30 to 2:25 INST. NO. 96716

INDEXED G.J. GATTI DATE 3-17 NOTES CHKD. DATE ROD NO. 93894

F.B. 3799 PG. 33

86°

| STATION | BACKSIGHT Right | Mic. | Left | Mic. | Stadia | FORESIGHT Right | Mic. | Left | Mic. | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | FROM BM 36-3A TO BM 36-4 |
| BM 36-3A | 9 | 876 | | | 287 | 4 6" 14 | 88 | | | 34 | BM 36-3A (LA<RD Bt Spike) |
| 1 | 263 | 248 | 564 | 5 | 243 40 | ~~15~~ 9 | 39 | 315 | 5 | 14 240 | ~~Norbonne Ave.~~ DR. EAST & Harbor Sight Dr. |
| | | | | | 296 1 | | | | | 27 1 | See F.B. 1357-9 N.W. Cor. |
| 2 | 296 | 470 | 597 | 5 | 283½ 22 | 12 | 795 | 313 | 5 | 12½ 30 | |
| | | | | | 302 66 | | | | | 43 80 | |
| 3 | 290 | 641 | 591 | 5 | ~~287~~ 278 24 | 31 | 161 | 332 | 5 | 19 24 | |
| | | | | | 279 90 | | | | | 48 94 | |
| 4 | 267 | 107 | 568 | 5 | 255 24 | 34 | 773 | 335 | 5 | 20 28 | T-Dreier |
| | | | | | 289 114 | | | | | 71 122 | |
| 5 | 277 | 478 | 578 | 5 | 264 25 | 58 | 944 | 359 | 5 | 45 26 | |
| | | | | | 301 139 | | | | | 82 148 | |
| 6 | 301 | 459 | 602 | 5 | 286½ 30 | 71 | 578 | 372 | 5 | 60 22 | |
| | | | | | 265 169 | | | | | 75 170 | |
| 7 | 249 | 393 | 550 | 5 | 233 32 | 59 | 251 | 360 | 5 | 43 32 | |
| | | | | | 282 201 | | | | | 39 202 | |
| 8 | 270 | 653 | 571 | 5 | 256 26 | 26 | 986 | 327 | 5 | 13 26 | |
| | | | | | 297 227 | | | | | 22 228 | |
| 9 | 297 | 821 | 598 | 5 | 284½ 26 | 10 | 293 | 311 | 5 | -2 24 | |
| | | | | | 301 253 | | | | | 35 252 | |
| 10 | 301 | 067 | 602 | 5 | 289½ 24 | 23 | 068 | 324 | 5 | 11 24 | |
| | | | | | 308 277 | | | | | 36 276 | |
| 11 | 296 | 968 | 597 | 5 | 284 24 | 24 | 939 | 325 | 5 | 12 24 | |
| | | | | | 297 301 | | | | | 50 300 | |
| 12 | 284 | 953 | 585 | 5 | 271 26 | 38 | 256 | 379 | 5 | 26 24 | |
| | | | | | 305 327 | | | | | 27 324 | |
| 13 | 293 | 942 | 594 | | 281 24 | 15 | 148 | 316 | 5 | 3 24 | |
| | | | | | 293 351 | | | 401 | | 111 348 | |
| 36-4 14 | 282 | 722 | 583 | 5 | 271 22 | 100 | 459 | ~~401~~ | 5 | 89 22 | BM 36-4 |
| BM | 397 | 922 | ✓ | | | 532 | 590 | ✓ | | | Palos Verdes Dr. E. & Ho. #29865 & |
| | 532 | 590 | ✓ | | 373 | | | | | 370 | See F.B. 1357-10 |
| | +3451 | 332 | ✓ | | | | | | | 373 | ✓ |
| | | | | | | | | | | 743 | ✓ |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 34 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-20-70

INDEXED C.H. GALL DATE

T-73°

WEATHER Sunny & H. Breeze INST. NO. 96716

TIME 1:35 to 3:25 ROD NO. 95, 96

NOTES CHKD DATE Mar 27 '70

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM BM36-4 TO BM36-3A |
| BM36-4 | | | | | | | BM36-4 |
| | 467.88 | | 75 | 107983 | | 298, | Palos Verdes Dr. E. & Ho. #27865 |
| 1 | 61150 | 362 5 | 47 28 | 298872 | 599 5 | 284½ 28 | See F.B. 1357-10 |
| | | | 38 | | | 296, | |
| 2 | 22949 | 323 5 | 6 32 | 296978 | 597 5 | 281½ 30 | |
| | | | 19½ 60 | | | 308 58 | |
| 3 | 5797 | 306 5 | 5½ 28 | 293510 | 594 5 | 278 30 | |
| | | | 45 88 | | | 298 88 | |
| 4 | 31647 | 332 5 | 17 28 | 583477 | 584 5 | 268 30 | T-Dreier |
| | | | 24, 116 | | | 298, 118 | |
| 5 | 9527 | 310 5 | 9½ 30 | 298677 | 599 5 | 282½ 32 | |
| | | | 61 146 | | | 258 150 | |
| 6 | 47295 | 348 5 | 33 28 | 246940 | 547 5 | 234 24 | |
| | | | 57 174 | | | 294 174 | |
| 7 | ~~246~~ 44 479 | 345 5 | 31 26 | 281091 | 582 5 | 268 26 | |
| | | | 34 200 | | | 275 200 | |
| 8 | 23498 | 324 5 | 12 22 | 263380 | 564 5 | 251 24 | |
| | | | 68 222 | | | 292 224 | |
| 9 | 53665 | 354 5 | 40 28 | 279734 | 580 5 | 266 26 | |
| | | | 40 250 | | | 305 250 | |
| 10 | 25679 | 326 5 | 10 30 | 290840 | 591 5 | 275 30 | |
| | | | 48 280 | | | 300, 280 | |
| 11 | 33472 | 334 5 | 18 30 | 300661 | 601 5 | 285½ 30 | |
| | | | 19½ 310 | | | 280 310 | |
| 12 | 7557 | 308 5 | 7½ 24 | 268292 | 569 5 | 256 24 | |
| | | | 47 334 | | | 292 334 | |
| 13 | 32446 | 333 5 | 17 30 | 278750 | 579 5 | 264 28 | BM36-3A |
| | | | 93 364 | | | 263 362 | |
| 14 | 78505 | 379 5 | 62 31 | 247903 | 548 5 | 230 33 | Palos Verdes Dr. E. & Harbor Sight Dr. |
| | | | 395 | | | 395 | See F.B. 1357-9 N.W. Cor. |
| BM36-3A | 477666 ✓ | | | 302903 ✓ | | | |
| | | | | 477666 ✓ | | 395 | |
| | | | | -345439 ✓ | | 790 ✓ | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM BM 36-4 TO BM 36-5 |
| BM 36-4 | 867 | 56 | | 298 | 37 | 33 | | 33 | BM 36-4 |
| 1 | 298 | 817 | 599 5 | 285 1/2 26 | 21 | 738 | 322 5 | 8 25 | Palos Verdes Dr. E. & Ho. # 27865 & |
| | | | | 300 1/2 | | | | 24 1/2 | See F.B. 1357-10 |
| 2 | 300 | 894 | 601 5 | 286 28 | 10 | 761 | 311 5 | 10 28 | |
| | | | | 297 54 | | | | 18 1/2 53 | |
| 3 | 297 | 806 | 598 5 | 282 1/2 30 | 3 | 845 | 304 5 | 3 30 | |
| | | | | 296 84 | | | | 38 83 | |
| 4 | 283 | 753 | 584 5 | 270 26 | 25 | 240 | 326 5 | 5 33 | |
| | | 316 | | 290 110 | | | | 65 116 | K-Dreier |
| 5 | 277 | ~~340~~ | 578 5 | 264 26 | 54 | 773 | 355 5 | 43 22 | |
| | | | | 297 1/2 136 | | | | 38 138 | |
| 6 | 297 | 514 | 598 5 | 282 1/2 30 | 22 | 940 | 323 5 | 6 32 | |
| | | | | 263 166 | | | | 43 170 | |
| 7 | 250 | 797 | 551 5 | 237 26 | 30 | 920 | 331 5 | 17 26 | |
| | | | | 300 192 | | | | 51 196 | |
| 8 | 287 | 773 | 588 5 | 274 26 | 38 | 820 | 339 5 | 25 26 | |
| | | | | 299 1/2 218 | | | | 26 222 | |
| 9 | 299 | 953 | 600 5 | 284 1/2 30 | 12 | 428 | 313 5 | -2 28 | |
| | | | | 297 1/2 248 | | | | 24 250 | |
| 10 | 297 | 759 | 598 5 | 284 1/2 26 | 11 | 715 | 312 5 | -2 26 | |
| | | | | 251 274 | | | | 85 276 | |
| 11 | 241 | 569 | 542 5 | 231 20 | 74 | 100 | 375 5 | 63 22 | |
| | | | | 294 | | | | 298 | |
| | | | | | | | | 294 | |
| | 313 | 3951 | | | 307 | 280 | | 592 | |
| | 307 | 280 | | | | | | | |
| | +2826 | 671 | | | | | | | BM 36-5 |
| | | | | | | | | | Palos Verdes Dr. E. & Ho. # 28065 |
| | | | | | | | | | See F.B. 1357-11 |

BM 36-5

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 3-16-70

INDEXED [illegible] DATE [illegible]

WEATHER Sunny & Lt. Breeze INST. NO. 96716

TIME 2:25 to 3:05 ROD NO. 95896

NOTES CHKD [illegible] DATE

T-84°

F.B. 3799 PG. 35

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM BM 36-5 TO BM 36-4 |
|---|---|---|---|---|---|---|---|---|---|
| BM 36-5 | 46 | 43 | | 84 | 966 | 52 | | 266 | BM 36-5 |
| 1 | 72 | 470 | 373.5 | 60 24 | 254 | 122 | 555.5 | 242 24 | Palos Verdes Dr. E. & Ho. # 28065 |
| | | | | | | | | | See F.B. 1357-11 |
| 2 | 15 | 960 | 316.5 | 29 1 28 | 294 | 420 | 595.5 | 307 281 26 | |
| 3 | 10 | 806 | 311.5 | 24 1/2 52 10 28 | 292 | 493 | 593.5 | 306 50 278 28 | |
| 4 | 20 | 867 | 321.5 | 34 80 6 28 | 298 | 920 | 599.5 | 298 1/2 78 284 28 | |
| 5 | 49 | 507 | 350.5 | 63 108 35 28 | 289 | 535 | 590.5 | 303 106 275 28 | π- Dreier |
| 6 | 27 | 302 | 328.5 | 40 136 14 26 | 274 ~~275~~ | 872 | 575.5 | 287 134 261 26 | |
| 7 | 3 | 781 | 304.5 | 20 1/2 162 3 34 | 298 | 689 | 599.5 | 298 1/2 160 281 34 | |
| 8 | 22 | 836 | 323.5 | 33 196 11 22 | 284 | 323 | 585.5 | 296 194 272 24 | |
| 9 | 8 | 172 | 309.5 | 21 1/2 218 8 26 | 294 | 771 | 595.5 | 306 218 282 24 | |
| 10 | 56 | 522 | 357.5 | 70 244 42 28 | 296 | 334 | 597.5 | 296 1/2 242 282 28 | |
| 11 | 41 | 250 | 342.5 | 52 272 30 22 | 277 | 640 | 578.5 | 287 270 267 20 | |
| | | | | 294 | | | | 290 | |
| ~~12~~ | | | | | | | | 294 | |
| | ~~329~~ | ~~473~~ | | | 3156 | 119 | | 584 | 36-4 |
| | 329 | 473 | | | 329 | 473 | | | Palos Verdes Dr. E. & Ho. # 27865 |
| | | | | | -2826 | 646 | | | see F.B. 1357-10 |
| BM 36-4 | | | | | | | | | |

T- 78° 73

WEATHER Sunny & Lt. Breeze INST. NO. 96716

TIME 1:00 to 1:35 ROD NO. 95896

NOTES CHKD [illegible] DATE

F.B. 3799 PG. 36 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-20-70

INDEXED O.L. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-17-70

INDEXED [illegible] DATE [illegible]

WEATHER LOW HAZE 67°

TIME 8:45

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

F.B. 3799 PG. 37

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | 1656 | | | | 1113 | | | | FROM 36-5 TO 36-6 |
| B.M. 36-5 | | | | | | | | | B.M. 36-5 |
| 1 | 300 | 201 | 601 5 | 300 / 1/2 286 28 | 15 | 960 | 316 5 | 28 / 2 26 | PALOS VERDES DR. E. & Ho. # 28065 |
| | | | | | | | | | SEE F.B. 1357-11 |
| 2 | 273 | 137 | 574 5 | 287 / 259 28 | 22 | 981 | 323 5 | 36 / 8 28 | |
| | | | | 56 | | | | 54 | |
| 3 | 286 | 310 | 587 5 | 300 / 272 28 | 14 | 030 | 315 5 | 28 / 0 28 | ⊼ J. MALDONADO |
| | | | | 84 | | | | 82 | |
| 4 | 272 | 902 | 573 5 | 284 / 260 24 | 6 | 111 | 307 5 | 1/2 18 / 6 24 | |
| | | | | 108 | | | | 106 | |
| 5 | 294 | 228 | 595 5 | 304 / 284 20 | 30 | 138 | 331 5 | 40 / 20 20 | |
| | | | | 128 | | | | 126 | |
| 6 | 264 | 767 | 565 5 | 278 / 250 28 | 38 | 752 | 339 5 | 52 / 24 28 | |
| | | | | 156 | | | | 154 | |
| 7 | 239 | 509 | 540 5 | 254 / 224 30 | 44 | 551 | 345 5 | 60 / 28 32 | |
| | | | | 186 | | | | 186 | |
| 8 | 278 | 372 | 579 5 | 288 / 268 20 | 49 | 601 | 350 5 | 59 / 39 20 | |
| | | | | 206 | | | | 206 | |
| 9 | 265 | 781 | 566 5 | 277 / 253 24 | 19 | 642 | 320 5 | 31 / 7 24 | |
| | | | | 230 | | | | 230 | |
| 10 | 241 | 395 | 542 5 | 257 / 225 32 | 8 | 411 | 309 5 | 1/2 25 / 8 34 | |
| | | | | 262 | | | | 264 | |
| 11 | 284 | 662 | 585 5 | 298 / 270 28 | 8 | 214 | 309 5 | 1/2 22 / 8 28 | |
| | | | | 290 | | | | 292 | |
| 12 | 269 | 908 | 570 | 280 / 258 22 | 34 | 379 | 335 5 | 45 / 23 22 | |
| | | | | 312 | | | | 314 | |
| 13 | 272 | 206 | 573 5 | 285 / 259 26 | 30 | 243 | 331 5 | 44 / 16 28 | |
| | | | | 338 | | | | 342 | |
| 14 | 256 | 174 | 557 5 | 270 / 242 28 | 62 | 898 | 363 5 | 76 / 48 28 | |
| | | | | 366 | | | | 370 | B.M. 36-6 (U.S.C.&G.S. L 168 1933) |
| 15 | 173 | 001 | 474 5 | 175 / 171 4 | 159 | 589 | 460 5 | 156 / 162 6 | PALOS VERDE DR. E. & HEADLAND DR |
| | | | | 370 | | | | 376 | |
| | 3972553 | ✓ | | | 545500 | ✓ | | 370 | |
| B.M. 36-6 | 545500 | ✓ | | | | | | 746 | |
| + | 3427053 | ✓ | | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 36-6 | | | | | | | | | FROM B.M. 36-6 TO 36-5 |
| 1 | 155 | 989 | 456 5 | 158 152 6 | 169 | 764 | 470 5 | 172 166 6 | B.M. 36-6 (U.S.C.&G.S. L 168 1933) PALOS VERDES DR. E. & HEADLAND DR. SEE F.B. 3700-77 |
| 2 | 50 | 051 | 351 5 | 66 34 32 38 | 277 | 731 | 578 5 | 292 262 30 36 | |
| 3 | 14 | 449 | 315 5 | 31 -2 33 71 | 296 | 440 | 597 5 | 296 281 30 66 | |
| 4 | 24 | 359 | 325 5 | 37 11 26 97 | 296 | 084 | 597 5 | 296 282 28 94 | ⊼ J. MALDONADO |
| 5 | 7 | 532 | 308 5 | 20 7 26 123 | 283 | 763 | 584 5 | 296 270 26 120 | |
| 6 | 50 | 420 | 351 5 | 60 40 20 143 | 263 | 629 | 564 5 | 273 252 21 141 | |
| 7 | 78 | 941 | 379 5 | 94 62 32 175 | 294 | 712 | 595 5 | 294 278 32 173 | |
| 8 | 15 | 140 | 316 5 | 25 5 20 195 | 245 | 348 | 546 5 | 256 234 22 195 | |
| 9 | 57 | 432 | 358 5 | 72 42 30 225 | 257 | 931 | 558 5 | 272 242 30 225 | |
| 10 | 21 | 484 | 322 5 | 35 7 28 253 | 279 | 422 | 580 5 | 295 263 32 257 | |
| 11 | 42 | 907 | 343 5 | 54 30 24 277 | 283 | 023 | 584 5 | 293 273 20 277 | |
| 12 | 10 | 188 | 311 5 | 24 10 28 305 | 297 | 042 | 598 5 | 297 284 26 303 | |
| 13 | 18 | 288 | 319 5 | 30 6 24 329 | 270 | 268 | 571 5 | 282 258 24 327 | |
| 14 | 54 | 090 | 355 5 | 65 43 22 351 | 267 | 781 | 568 5 | 279 255 24 351 | |
| 15 | 36 | 861 | 337 5 | 46 26 20 371 | 282 | 167 | 583 5 | 294 270 24 375 | |
| | 638 | 131 | | | 4065 | 105 | | 371 | |
| | | | | | 638 | 131 | | 746 | |
| | | | | | 3426 | 974 | | | |

F.B. 3799 PG. 38 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-20-70

INDEXED C.J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:30 TO ROD NO. 95896

NOTES CHKD. DATE

70°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-17-70

INDEXED C.J. GALLI DATE [illegible]

WEATHER CLEAR 70°

TIME 9:50

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3799 PG. 39

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 36-6 TO 36-7A |
| B.M. 36-6 | | | | | | | B.M. 36-6 (U.S.C&G.S. L168 1933) |
| 1 | 157 990 | 458 5 | 160 154 6 | 140 991 | 441 5 | 143 137 6 | PALOS VERDES DR. E. & HO. #28500 ~~#28065~~ (HEADLAND DR.) |
| 2 | 300 805 | 601 5 | 300 ½ 288 24 | 69 764 | 370 5 | 81 57 24 | SEE F.B. 3700-77 |
| 3 | 238 652 | 539 5 | 252 224 30 28 | 51 072 | 252 5 | 65 37 30 28 | ⊼ J. MALDONADO |
| 4 | 235 051 | 536 5 | 249 221 58 28 | 39 647 | 340 5 | 54 24 58 30 | |
| 5 | 274 949 | 575 5 | 289 259 86 30 | 50 920 | 351 5 | 65 35 88 30 | |
| 6 | 287 318 | 588 5 | 303 271 116 32 | 5 ~~6~~ 923 | 306 5 | 20 ½ 5 118 30 | |
| 7 | 297 877 | 598 5 | 297 ½ 282 148 30 | 4 472 | 305 5 | 20 ½ 4 148 32 | |
| 8 | 297 164 | 598 5 | 304 289 178 15 | 78 705 | 379 5 | 85 70 180 15 | |
| 9 | 286 961 | 587 5 | 300 272 193 28 | 29 577 | 330 5 | 44 14 195 30 | |
| 10 | 269 520 | 570 5 | 284 254 221 30 | 32 178 | 333 5 | 46 18 225 28 | |
| 11 | 298 938 | 599 5 | 298 ½ 284 251 28 | 41 278 | 342 5 | 55 27 253 28 | |
| 12 | 275 031 | 576 5 | 288 262 279 26 | 62 782 | 363 5 | 75 49 281 26 | |
| 13 | 149 943 | 450 5 | 160 138 305 22 | 7 571 | 308 5 | 16 ½ 7 307 18 | |
| 14 | 290 302 | 591 5 | 298 282 327 16 | 49 129 | 350 5 | 57 41 325 16 | |
| 15 | 288 682 | 589 | 305 271 343 34 | 111 740 | 412 5 | 128 94 341 34 | |
| | 39~~3~~4 9 183 | | 377 | | | 375 | |
| | | | CONT | 775 749 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-6 TO 36-7A |
|---|---|---|---|---|---|---|---|---|---|
| | 3939 | 183 | | 377 | 775 | 749 | | 375 | |
| 16 | 232 | 767 | 533.5 | 249 215 34 411 | 11 | 671 | 312.5 | 26 11 30 405 | |
| 17 | 281 | 849 | 582.5 | 295 267 28 439 | 57 | 165 | 358.5 | 71 43 28 433 | |
| 18 | 179 | 470 | 480.5 | 183 175 8 447 | 108 | 735 | 409.5 | 116 100 16 449 | |
| | | | | | | | | 447 | |
| | 4643 | 269 | | | 953 | 320 | | 896 | |
| B.M. 36-7A | 953 | 320 | | | | | | | B.M. 36-7A |
| | + 3689 | 949 | | | | | | | PALOS VERDES DR. E. & ROCKINGHORSE RD. |
| | | | | | | | | | SEE F.B. 3700-79 |

F.B. 3799 PG. 40 JOB NO. 030 C02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-17-70

INDEXED C.J. GALLO DATE

WEATHER CLEAR INST. NO. 96716

TIME 9:50 TO 11:15 ROD NO. 95,96

NOTES CHKD [illegible] DATE

70° TO 66°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-19-70

INDEXED [illegible] GALLI DATE [illegible]

WEATHER 72° CLEAR

TIME 2:35 PM

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3799 PG. 41

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-7A TO 36-6 |
| B.M. 36-7A | | | | | | | | | B.M. 36-7A |
| 1 | 85 | 269 | 386 5 | 97 73 24 | 222 | 014 | 523 5 | 233 211 22 | PALOS VERDES DR. EAST & ROCKINGHORSE RD. |
| 2 | 37 | 461 | 338 5 | 52 22 30 54 | 280 | 702 | 581 5 | 294 266 28 50 | SEE F.B. 3700-79 |
| 3 | 18 | 508 | 319 5 | 35 1 34 88 | 199 | 737 | 500 5 | 218 180 38 88 | ✱ J. MALDONADO |
| 4 | 60 | 578 | 361 5 | 75 45 30 118 | 290 | 267 | 591 5 | 304 276 28 116 | |
| 5 | 22 | 801 | 323 5 | 30 14 16 134 | 285 | 507 | 586 5 | 293 277 16 132 | |
| 6 | 9 | 283 | 310 5 | 1/2 21 9 24 158 | 230 | 827 | 531 5 | 242 218 24 156 | |
| 7 | 74 | 139 | 375 5 | 90 58 32 190 | 280 | 473 | 581 5 | 297 263 34 190 | |
| 8 | 55 | 231 | 356 5 | 61 49 12 202 | 202 | 321 | 503 5 | 209 195 14 204 | |
| 9 | 37 | 614 | 338 5 | 54 20 34 236 | 285 | 046 | 586 5 | 302 268 34 238 | |
| 10 | 11 | 275 | 312 5 | 1/2 26 11 30 266 | 288 | 931 | 589 5 | 302 274 28 266 | |
| 11 | 19 | 920 | 320 5 | 28 10 18 284 | 270 | 223 | 571 5 | 280 260 20 286 | |
| 12 | 28 | 749 | 329 5 | 38 18 20 304 | 257 | 419 | 558 5 | 267 247 20 306 | |
| | 460 | 828 | | | 3093 | 467 | | | |

CONT.

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-7A TO 36-6 |
|---|---|---|---|---|---|---|---|---|---|
| | 460 | 828 | | 304 | 3093 | 467 | | 306 | |
| 13 | 31 | 972 | 3325 | 46 16 30 | 291 | 970 | 592.5 | 306 276 30 | |
| 14 | 25 | 219 | 326.5 | 334 39 11 28 | 291 | 602 | 592.5 | 336 305 277 28 | |
| 15 | 116 | 248 | 417.5 | 362 133 99 34 | 252 | 715 | 553.5 | 364 269 235 34 | |
| 16 | 51 | 156 | 352.5 | 396 67 35 32 | 266 | 567 | 567.5 | 398 282 250 32 | |
| 17 | 70 | 171 | 371.5 | 428 80 60 20 | 243 | 247 | 544.5 | 430 252 234 18 | |
| 18 | 152 | 072 | 453.5 | 448 154 150 4 | 157 | 940 | 458.5 | 448 160 154 6 | |
| B.M. 36-6 | | | | 452 | | | | 454 452 | B.M. 36-6 (U.S.C.&G.S L 168 1933 PALOS VERDES DR. EAST & HEADLAND DR. SEE F.B. 3700-77 |
| | 907 | 666 | | | 4597 | 508 | | 906 | |
| | | | | | 907 | 666 | | | |
| | | | | | 3689 | 842 | | | |

F.B. 3799 PG. 42 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 2:35 ROD NO. 95196

NOTES CHKD [illegible] DATE

72°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-17-70

INDEXED C. J. GALLO DATE [illegible]

WEATHER CLEAR 73°

TIME 11:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3799 PG. 43

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-7A TO 36-12 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 36-7A | | | | | | | | | B.M. 36-7A |
| 1 | 287 | 619 | 588 5 | 302 272 30 | 82 | 544 | 383 5 | 98 66 32 | PALOS VERDES DR. E. & ROCKINGHORSE RD. SEE F.B. 3700-79 |
| 2 | 148 | 517 | 449 5 | 177 119 58 88 | 219 | 001 | 520 5 | 247 191 56 88 | |
| 3 | 99 | 948 | 400 5 | 120 78 42 130 | 162 | 910 | 463 5 | 183 141 42 130 | ⊼ R. SIEMANN |
| 4 | 73 | 911 | 374 5 | 84 62 22 152 | 237 | 695 | 538 5 | 248 226 22 152 | |
| 5 | 30 | 150 | 331 5 | 41 19 22 174 | 268 | 074 | 569 5 | 279 257 22 174 | |
| 6 | 54 | 278 | 355 5 | 72 36 36 210 | 247 | 677 | 548 5 | 265 229 36 210 | |
| 7 | 19 | 188 | 320 5 | 35 3 32 242 | 283 | 046 | 584 5 | 295 271 24 234 | |
| 8 | 16 | 893 | 317 5 | 26 6 20 262 | 300 | 585 | 601 5 | 300 ½ 288 24 258 | |
| 9 | 189 | 785 | 490 5 | 197 181 16 278 | 228 | 059 | 529 5 | 238 218 20 278 | |
| B.M. 36-12 | | | | | | | | 278 | B.M. 36-12 |
| | 920 | 289 | | | 2029 | 591 | | 556 | PALOS VERDES DR. E. & COLT RD. SEE F.B. 3700-81 |
| | | | | | 920 | 289 | | | |
| | | | | | -1109 | 302 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-12 TO 36-7A |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 36-12 | | | | | | | | | B.M. 36-12 |
| 1 | 298 | 688 | 599.5 | 1298 / 2284 28 | 32 | 682 | 333.5 | 48 / 16 32 | PALOS VERDES DR. EAST & COLT RD |
| | | | | | | | | | SEE F.B. 3700-81 |
| 2 | 221 | 838 | 522.5 | 236 / 206 30 | 22 | 380 | 323.5 | 38 / 6 32 | |
| | | | | 58 | | | | 64 | |
| 3 | 294 | 900 | 595.5 | 305 / 283 22 | 48 | 282 | 349.5 | 60 / 36 24 | ⊼ R. SIEMANN |
| | | | | 80 | | | | 88 | |
| 4 | 281 | 879 | 582.5 | 291 / 271 20 | 78 | 240 | 379.5 | 85 / 71 14 | |
| | | | | 100 | | | | 102 | |
| 5 | 270 | 132 | 571.5 | 281 / 259 22 | 58 | 868 | 359.5 | 70 / 46 24 | |
| | | | | 122 | | | | 126 | |
| 6 | 256 | 309 | 557.5 | 278 / 234 44 | 153 | 483 | 454.5 | 173 / 133 40 | |
| | | | | 166 | | | | 166 | |
| 7 | 202 | 581 | 503.5 | 231 / 173 58 | 105 | 795 | 406.5 | 133 / 77 56 | |
| | | | | 224 | | | | 222 | |
| 8 | 84 | 701 | 385.5 | 104 / 64 40 | 272 | 675 | 573.5 | 291 / 253 38 | |
| | | | | 264 | | | | 260 | |
| 9 | 151 | 200 | 452.5 | 152 / 150 2 | 180 | 701 | 481 | 182 / 178 4 | |
| | | | | 266 | | | | 264 | |
| B.M. 36-~~12~~ 7A | | | | | | | | 266 | B.M. 36-7A |
| | 2062 | 228 | | | 953 | 106 | | 530 | PALOS VERDES DR. E., & ROCKINGHORSE RD. |
| | 953 | 106 | | | | | | | SEE F.B. 3700-79 |
| | +1109 | 122 | | | | | | | |

F.B. 3799 PG. 44

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 3-19-70

INDEXED C.L. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 1:50 TO ROD NO. 95896

NOTES CHKD [illegible] DATE

69

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-17-70

INDEXED C.L. GALLI DATE [illegible]

WEATHER CLEAR 74°

TIME 1:15

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 95896

F.B. 3799 PG. 45

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-12 TO 36-13 |
| BM.36-12 | | | | | | | | | B.M.36-12 |
| 1 | 28 | 350 | 329 5 | 42 15 27 | 297 | 282 | 598 5 | 297 ½ 282 30 | PALOS VERDES DR.E. & COLT RD SEE F.B. 3700-81 |
| 2 | 17 | 563 | 318 5 | 35 ½ 17 36 | 294 | 548 | 595 5 | 294 ½ 272 44 | |
| 3 | 20 | 999 | 321 5 | 46 63 ½ 20 52 | 254 | 613 | 555 5 | 274 74 234 40 | ⊼ R. SIEMANN |
| 4 | 81 | 160 | 382 5 | 109 115 53 56 | 250 | 042 | 551 5 | 278 114 222 56 | |
| 5 | 74 | 140 | 375 5 | 100 171 48 52 | 235 | 578 | 536 5 | 261 170 209 52 | |
| 6 | 33 | 752 | 334 5 | 48 223 18 30 | 252 | 671 | 553 5 | 268 222 236 32 | |
| 7 | 40 | 707 | 341 5 | 66 253 14 52 | 268 | 999 | 569 5 | 294 254 242 52 | |
| 8 | 35 | 149 | 336 5 | 46 305 24 22 | 226 | 670 | 527 5 | 236 306 216 20 | |
| 9 | 25 | 926 | 326 5 | 41 327 9 32 | 268 | 279 | 569 5 | 285 326 251 34 | |
| 10 | 47 | 601 | 348 5 | 64 359 30 34 | 295 | 418 | 596 5 | 295 360 ½ 279 32 | |
| 11 | 6 | 739 | 307 5 | 18 393 ½ 6 24 | 277 | 991 | 578 5 | 289 392 265 24 | |
| 12 | 90 | 882 | 391 5 | 98 417 82 16 | 258 | 465 | 559 5 | 267 416 249 18 | |
| | | | | 433 | | | | 434 | |
| B.M.36-13 | | | | | | | | 433 | B.M.36-13 (COR. 2) |
| | 502 | 968 | | | 3180 | 556 | | 867 | P.V. DR. EAST & MIRALESTE DR. |
| | | | | | 502 | 968 | | | SEE F.B. 3700-85 |
| | | | | | -2677 | 588 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-13 TO 36-12 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 36-13 | | | | | | | | | B.M. 36-13 |
| 1 | 301 | 341 | 602 5 | 301 ½ 286 30 | 15 | 651 | 316 5 | 31 -1 32 | MIRALESTE DR. & P.V. DR. EAST ~~WEST~~ |
| | | | | | | | | | SEE F.B. 3700-85 |
| 2 | 301 | 218 | 602 5 | 301 ½ 290 22 52 | 46 | 947 | 347 5 | 58 34 24 56 | |
| 3 | 293 | 760 | 594 5 | 293 ½ 276 34 86 | 21 | 674 | 322 5 | 38 4 34 90 | ⊼ R. SIEMANN |
| 4 | 252 | 469 | 553 5 | 268 236 32 118 | 40 | 512 | 341 5 | 56 24 32 122 | |
| 5 | 299 | 358 | 600 5 | 299 280 38 156 | 11 | 060 | 312 5 | 26 ½ 11 30 152 | |
| 6 | 279 | 929 | 580 5 | 294 264 30 186 | 45 | 723 | 346 5 | 62 28 34 186 | |
| 7 | 296 | 539 | 597 5 | 296 ½ 271 50 236 | 65 | 999 | 366 5 | 90 40 50 236 | |
| 8 | 181 | 384 | 482 5 | 213 149 64 300 | 92 | 107 | 393 5 | 125 59 66 302 | |
| 9 | 286 | 498 | 587 5 | 286 ½ 262 48 348 | 33 | 138 | 334 5 | 57 9 48 350 | |
| 10 | 293 | 580 | 594 5 | 293 269 48 396 | 9 | 161 | 310 5 | 28 ½ 9 38 388 | |
| 11 | 230 | 033 | 531 5 | 238 222 16 412 | 50 | 462 | 351 5 | 63 37 26 414 | |
| 12 | 204 | 025 | 505 5 | 210 198 12 424 | 110 | 068 | 411 5 | 116 104 12 426 | |
| B.M. 36-12 | | | | | | | | 424 | B.M. 36-12 |
| | 3220 | 134 | | | 542 | 502 | | 850 | PALOS VERDES DR.E. & COLT RD. |
| | 542 | 502 | | | | | | | |
| | + 2677 | 632 | | | | | | | |

F.B. 3799 PG. 46 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 3-19-70

INDEXED C.L. GALLY DATE

WEATHER LT. WIND-CLEAR INST. NO. 96716

TIME 1:00 TO ROD NO. 95896

NOTES CHKD [signature] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 3-17-70

INDEXED C.J. GALLY DATE APR 7 '70

WEATHER CLEAR INST. NO 96716

TIME 2:10 TO 2:50 ROD NO. 95896

NOTES CHKD [illegible] DATE

T=70°

F.B. 3799 PG. 47

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-13 TO 36-9 |
| B.M. 36-13 | | | | | | | | | B.M. 36-13 (COR. 2) |
| 1 | 101 | 748 | 402 5 | 113 / 89 24 | 209 | 613 | 510 5 | 221 / 197 24 | PALOS VERDES DR. EAST, & MIRALESTE DR. |
| | | | | | | | | | SEE F.B. 3700-85 |
| 2 | 211 | 680 | 512 5 | 234 / 188 46 / 70 | 95 | 852 | 396 5 | 118 / 72 46 / 70 | |
| 3 | 44 | 865 | 345 5 | 65 / 23 42 / 112 | 295 | 026 | 596 5 | 295 / 276 38 / 108 | |
| 4 | 14 | 081 | 315 5 | 30 / 14 32 / 144 | 292 | 662 | 593 5 | 305 / 279 26 / 134 | |
| 5 | 4 | 571 | 305 5 | 15 / 4 22 / 166 | 295 | 702 | 596 5 | 295 / 281 28 / 162 | T = DREIER |
| 6 | 13 | 164 | 314 5 | 24 / 1 23 / 189 | 297 | 238 | 598 5 | 297 / 284 26 / 188 | |
| 7 | 29 | 439 | 330 5 | 39 / 19 20 / 209 | 297 | 022 | 598 5 | 297 / 285 24 / 212 | |
| 8 | 3 | 290 | 304 5 | 18 / 3 30 / 239 | 298 | 240 | 599 5 | 298 / 285 26 / 238 | |
| 9 | 42 | 587 | 343 5 | 51 / 33 18 / 257 | 271 | 533 | 572 5 | 280 / 262 18 / 256 | |
| 10 | 23 | 442 | 324 5 | 33 / 13 20 / 277 | 298 | 763 | 599 5 | 308 / 288 20 / 276 | |
| 11 | 81 | 815 | 382 5 | 86 / 76 10 / 287 | 261 | 361 | 562 5 | 267 / 256 11 / 287 | |
| B.M. 36-9 | | | | | | | | | |
| | 570 | 682 | | | 2913 | 012 | | 287 | |
| | | | | | 570 | 682 | | 574 | |
| | | | | | -2342 | 330 | | | |

B.M. 36-9

MIRALESTE DRIVE & HO. # 4201.

SEE F.B. 1357-15

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-9 TO 36-13 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 36-9 | | | | | | | | | B.M. 36-9 |
| 1 | 293 | 869 | 594 5 | 300 286 14 | 62 | 970 | 363 5 | 70 54 16 | MIRALESTE DR. & HO. # 4201. SEE F.B. 1357-15 |
| 2 | 298 | 170 | 599 5 | 298 286 24 38 | 10 | 250 | 311 5 | 21 1 22 38 | |
| 3 | 288 | 830 | 589 5 | 299 277 22 60 | 18 | 343 | 319 5 | 29 7 22 60 | |
| 4 | 301 | 597 | 602 5 | 301 289 24 84 | 3 | 378 | 304 5 | 15 3 24 84 | |
| 5 | 296 | 899 | 597 5 | 296 284 24 108 | 6 | 481 | 307 5 | 18 6 24 108 | |
| 6 | 299 | 180 | 600 5 | 299 284 30 138 | 6 | 532 | 307 5 | 21 6 30 138 | π = G.E. DREIER |
| 7 | 300 | 287 | 601 5 | 300 285 30 168 | 4 | 479 | 305 5 | 19 4 30 168 | |
| 8 | 301 | 913 | 602 5 | 301 286 30 198 | 24 | 478 | 325 5 | 39 9 30 198 | |
| 9 | 272 | 912 | 573 5 | 296 248 48 246 | 244 | 505 | 545 5 | 268 220 48 246 | |
| 10 | 125 | 059 | 426 5 | 146 104 42 288 | 54 | 950 | 355 5 | 76 54 44 290 | |
| B.M. 36-13 | | | | | | | | 288 | B.M. 36-13 |
| | 2778 | 716 | | | 436 | 366 | | 578 | MIRALESTE DR. & P.V. DR. EAST. SEE F.B. 3700-85 |
| | 436 | 366 | | | | | | | |
| | +2342 | 350 | | | | | | | |

F.B. 3799 PG. 48

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-19-70

INDEXED C.J. GALLY DATE

T = 74°

WEATHER CLEAR INST. NO. 96716

TIME 10:55 TO ROD NO. 95896

NOTES CHKD [signature] DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. SIEMANN
NOTES BY G.E. DREIER
DATE 3-18-70
WEATHER PTLY CLOUDY
TIME 8:30 TO
INST. NO. 86716
ROD NO. 75F56
INDEXED G. GALLI
DATE
NOTES CHKD
DATE
T = 62°
F.B. 3799 PG. 49

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 36-9 TO 36-14 |
| B.M. 36-9 | | | | | | | B.M. 36-9 |
| 1 | 66 705 | 367 5 | ½ 75 / 266 18 | 267 143 | 568 5 | 276 / 258 18 | MIRALESTE DR. & HO. # 4201. |
| | | | | | | | SEE 1357-15 |
| 2 | 26 139 | 327 5 | 37 / 15 22 / 40 | 296 181 | 597 5 | 308 / 284 24 / 42 | |
| 3 | 81 038 | 382 5 | 91 / 69 22 / 62 | 298 516 | 599 5 | 298 / 286 24 / 66 | |
| 4 | 19 825 | 320 5 | 30 / 8 22 / 84 | 296 164 | 597 5 | 305 / 287 18 / 84 | |
| 5 | 12 623 | 313 5 | 23 / 1 22 / 106 | 301 159 | 602 5 | ½ 301 / 291 20 / 104 | T = DREIER |
| 6 | 11 678 | 312 5 | 22 / 0 22 / 128 | 298 857 | 599 5 | ½ 298 / 288 20 / 124 | |
| 7 | 9 940 | 310 5 | 19 / -1 20 / 148 | 293 362 | 594 5 | 302 / 284 18 / 142 | |
| 8 | 5 109 | 306 5 | ½ 15 / 5 20 / 168 | 297 057 | 598 5 | 306 / 288 18 / 160 | |
| 9 | 3 739 | 304 5 | ½ 10 / 3 14 / 182 | 300 251 | 601 5 | ½ 300 / 290 20 / 180 | |
| 10 | 8 066 | 309 5 | 17 / -1 18 / 200 | 298 663 | 599 5 | 307 / 289 18 / 198 | |
| 11 | 3 413 | 304 5 | ½ 13 / 3 20 / 220 | 251 892 | 552 5 | 262 / 240 22 / 220 | |
| 12 | 132 889 | 433 5 | 134 / 130 4 / 224 ✓ | 206 596 | 507 | 208 / 204 4 / 224 ✓ | B.M. 36-14 |
| B.M. 36-14 | | | | | | | 224 MIRALESTE DR. & VIA COLONITA |
| | 381 164 ✓ | | | 3405 841 ✓ | | | 448 SEE F.B. 3700-89 |
| | | | | 381 164 ✓ | | | |
| | | | | − 3024 677 ✓ | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM B.M. 36-14 TO B.M. 36-9 |
| B.M. 36-14 | 655 | | | 66 | | | B.M. 36-14 |
| 1 | 295515 | 596 5 | 307 283 24 | 11875 | 312 5 | 23 -2 25 | MIRALESTE DR. & VIA COLINITA |
| | | | | | | | SEE F.B. 3700-89 |
| 2 | 276612 | 577 5 | 289 263 26 50 | 55904 | 356 5 | 68 42 26 51 | |
| 3 | 290275 | 591 5 | 306 274 32 82 | 25541 | 326 5 | 40 10 30 81 | |
| 4 | 299565 | 600 5 | 299 288 22 104 | 28806 | 329 5 | 40 17 23 104 | |
| 5 | 291432 | 592 5 | 302 280 22 126 | 43642 | 344 5 | 54 32 22 126 | |
| 6 | 298320 | 599 5 | 298 287 22 148 | 13920 | 314 5 | 24 1 23 149 | = G.E. DREIER (BOSS) |
| 7 | 284366 | 585 5 | 294 274 20 168 | 52043 | 353 5 | 62 42 20 169 | |
| 8 | 296489 | 597 5 | 307 286 21 189 | 37519 | 338 5 | 47 27 20 189 | |
| 9 | 247936 | 548 5 | 255 240 15 204 | 7228 | 308 5 | 14 -1 15 204 | |
| 10 | 296637 | 597 5 | 300 292 8 | 5105 | 306 5 | 8 2 6 | |
| 11 | 292875 | 593 5 | 296 288 212 8 | 48270 | 349 5 | 53 43 210 10 | |
| 12 | 301016 | 602 5 | 301 292 220 18 238 | 116442 | 417 5 | 125 107 220 18 238 238 476 | |
| B.M. 36-9 | | | | | | | |
| | 3471038 ✓ | | | 446295 ✓ | | | |
| | 446295 ✓ | | | | | | B.M. 36-9 |
| | +3024743 ✓ | | | | | | MIRALETE DR. & HO. #420' |
| | | | | | | | SEE 1357-15 |

F.B. 3799 PG. 50 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-19-70

INDEXED C.L. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:10 TO 10:55 ROD NO. 95896

NOTES CHKD [signature] DATE

T = 74°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-14 TO 36-10 |
| B.M. 36-14 | | | | | | | | | B.M. 36-14 |
| 1 | 39 | 419 | 340 5 | 50 28 22 | 265 | 791 | 566 5 | 275 255 20 | MIRALESTE DR. & VIA COLONITA SEE F.B. 3700-89 |
| 2 | 9 | 142 | 310 5 | 22 ½ 9 26 | 282 | 910 | 583 5 | 295 269 26 | |
| 3 | 42 | 623 | 343 5 | 48 53 31 22 | 251 | 741 | 552 5 | 46 262 240 22 | ⊼ J. MALDONADO |
| 4 | 55 | 568 | 356 5 | 70 83 27 56 | 177 | 501 | 478 5 | 68 204 150 54 | |
| 5 | 108 | 669 | 409 5 | 126 143 73 70 | 217 | 718 | 518 5 | 122 252 182 70 | |
| 6 | 147 | 006 | 448 5 | 196 149 145 4 | 176 | 299 | 477 | 192 180 172 8 | |
| | | | | 200 | | | | 200 | |
| | | | | | | | | 200 | |
| B.M. 36-10 | 402 | 427 | | | 1371 | 960 | | 400 | B.M. 36-10 |
| | | | | | 402 | 427 | | | MIRALESTE DR & Ho. # 4403 |
| | | | | | -969 | 533 | | | SEE F.B. 3700-91 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-18-70

INDEXED C.J. GALLI DATE [illegible]

WEATHER CLEAR 67°

TIME 9:20 TO

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3999 PG. 51

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 52 JOB NO. 030102

SURVEY OF LA. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-18-70

INDEXED C.J. GALL DATE

WEATHER CLEAR 71° INST. NO. 96716

TIME 2:30 PM ROD NO. 95876

NOTES CHKD DATE

| STATION | BACKSIGHT Right | Mic. | Left. | Stadia | FORESIGHT Right | Mic. | Left. | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-10 TO 36-14 |
| BM. 36-10 | | | | | | | | | B.M. 36-10 |
| 1 | 227 | 891 | 528 | 5 260 194 66 | 120 | 226 | 421 | 5 153 87 66 | MIRALESTE DR & Ho.# 4503 |
| | | | | | | | | | SEE F.B. 3700-91 |
| 2 | 258 | 170 | 559 | 5 281 235 46 112 | 55 | 660 | 356 | 5 78 32 46 112 | |
| 3 | 230 | 531 | 531 | 5 252 208 44 156 | 19 | 672 | 320 | 5 142 219 46 158 | T J. MALDONADO |
| 4 | 246 | 863 | 547 | 5 260 232 28 184 | 18 | 551 | 319 | 5 32 4 28 186 | |
| 5 | 285 | 859 | 586 | 5 297 273 24 208 | 65 | 937 | 366 | 5 76 54 22 208 | |
| | | | | | | | | 208 | |
| | 1249 | 314 | | | 280 | 046 | | 416 | |
| BM. 36-14 | 280 | 046 | | | | | | | B.M. 36-14 |
| | 1969 | 268 | | | | | | | MIRALESTE DR. & VIA COLONITA |
| | | | | | | | | | SEE F.B. 3700-89 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | FORESIGHT RERUN | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | | RIGHT MIC. | LEFT. | STADIA | | FROM 36-14 TO 36-10 |
| B.M. 36-14 | 3 5 3 | | | | | | | | B.M. 36-14 |
| 1 | 56 698 | 357 5 | 65 47 | 18 | 263 306 | 564 5 | 272 254 | 18 | MIRALESTE DR. & VIA COLINITA |
| | | | | | | | | | SEE F.B. 3700-89 |
| 2 | 7 179 | 308 5 | 21 ½ 7 | 28 | 295 534 | 596 5 | 308 282 | 26 | |
| | | | | 46 | | | | 44 | |
| 3 | 35 989 | 336 5 | 48 22 | 26 | 264 583 | 565 5 | 279 249 | 30 | ⊼ J. MALDONADO |
| | | | | 72 | | | | 74 | |
| 4 | 70 501 | 371 5 | 98 42 | 56 | 179 601 | 480 5 | 206 152 | 54 | |
| | | | | 128 | | | | 128 | |
| 5 | 108 549 | 409 5 | 144 72 | 72 | 242 848 | 543 5 | 278 206 | 72 | |
| | | | | 200 | | | | 200 | |
| 6 | 17~~6~~7 323 | 478 | 179 175 | 4 | 180 064 | 481 5 | 182 178 | 4 | |
| | | | | 204 | | | | 204 | |
| B.M. 36-10 | | | | | | | | 204 | B.M. 36-10 |
| | 456239 | | | | 1425936 | | | 408 | MIRALESTE DR. & Ho. # 4503 |
| | | | | | 456239 | | | | SEE F.B. 3700-91 |
| | | | | | 969697 | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 3-19-70

INDEXED C. J. GALLI DATE APR 7 '70

WEATHER 70° LT. WIND CLEAR

TIME 9:10 TO

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

F.B.

PG. 53

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-10 TO 36-14 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 36-10 | | | | | | | | | B.M. 36-10 |
| 1 | 244 | 220 | 545 5 | 278 210 68 | 125 | 831 | 426 5 | 160 90 70 | MIRALESTE DR & Ho.# 4503 |
| 2 | 271 | 749 | 572 5 | 298 244 54 | 49 | 001 | 350 5 | 75 23 52 | SEE F.B. 3700-91 |
| 3 | 225 | 039 | 526 5 | 242 208 34 122 | 44 | 462 | 345 5 | 62 26 36 122 | ⊼ J. MALDONADO |
| 4 | 259 | 258 | 560 5 | 274 244 30 156 | 3 | 928 | 304 5 | 19 ½ 3 32 158 | |
| 5 | 270 | 676 | 571 5 | 280 260 20 186 | 78 | 038 | 379.5 | 88 68 20 190 | |
| | | | | 206 | | | | 210 | |
| B.M. 36-14 | | | | | | | | 206 | B.M. 36-14 |
| | 1270 | 942 | | | 301 | 260 | | 416 | MIRALESTE DR. & VIA COLINITA |
| | 301 | 260 | | | | | | | |
| | +969 | 682 | | | | | | | |

F.B. 3799 PG. 54 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-19-70

INDEXED C.J. GALLI DATE

WEATHER LT WIND, CLEAR INST. NO. 96716

TIME 9:45 to 10:05 ROD NO. 95896

NOTES CHKD [illegible] DATE

72°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR 68°
NOTES BY G.E. DREIER DATE 3-18-70 TIME 9:45 INST. NO 86716
INDEXED G.J. GALLI DATE MAR 70 NOTES CHKD DATE ROD NO. 95 & 96
F.B. 3799 PG. 55

| STATION | BACKSIGHT | | | FORESIGHT | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | RIGHT MIC. | LEFT. | STADIA | FROM 36-10 TO 36-10A |
| B.M. 36-10 | | | | | | | B.M. 36-10 |
| 1 | 97 927 | 398 5 | 115 79 36 | 289 529 | 590 5 | 289 270 38 | MIRALESTE DR & Ho.# 4403 |
| | | | | 97 927 | | 36 | SEE F.B. 3700-91 |
| | | | | 191 602 | | 74 | |
| B.M. 36-10A | | | | | | | B.M. 36-10A |
| | | | | | | | MIRALESTE DR. & Ho.# 4501 |
| | | | | | | | SEE F.B. 3700-93 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 36-10A TO 36-10 |
| B.M. 36-10A | | | | | | | | | B.M. 36-10A |
| | | | | | | | | | MIRALESTE DR. & Ho. # 4501 |
| 1 | 294 | 020 | 595 5 | 294 ½ 275 38 | 102 | 450 | 403 5 | 121 83 38 | SEE F.B. 3700-93 |
| | 102 | 450 | | | | | | 38 | Π J. MALDONADO |
| | +191 | 570 | | | | | | 76 | |
| B.M. 36-10 | | | | | | | | | B.M. 36-10 |
| | | | | | | | | | MIRALESTE DR & Ho. # 4503 |
| | | | | | | | | | SEE F.B 3700-91 |

F.B. 3799 PG. 56 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-18-70

INDEXED C.J. GALLI DATE

WEATHER CLEAR 71° INST. NO. 96716

TIME 2:25 " ROD NO. 95896

NOTES CHKD [signature] DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREEER
NOTES BY G.E. DREEER DATE 3-18-70
INDEXED B.J. GALLI DATE APR 7 70
NOTES CHKD DATE
WEATHER CLEAR 68° TIME 9:45 TO 11:30
INST. NO 26716
ROD NO 25896
F.B. 3799 PG. 57

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 36-10A TO 36-15 |
| B.M. 36-10A | 626 | | | 415 | | | B.M. 36-10A |
| 1 | 107 397 | 408 5 | 127 / 87 40 | 294 491 | 595 5 | 294 / ½ 274 40 | MIRALESTE DR. & Hb. # 4501 |
| | | | | | | | SEE F.B. 3700-93 |
| 2 | 18 331 | 319 5 | 33 / 3 30 / 70 | 285 622 | 586 5 | 300 / 270 30 / 70 | |
| 3 | 7 494 | 308 5 | ½ 24 / 27 34 / 184 | 272 168 | 573 5 | 290 / 254 36 / 106 | T J. MALDONADO |
| 4 | 25 749 | 326 5 | 44 / 6 38 / 142 | 245 089 | 546 5 | 262 / 228 34 / 140 | |
| 5 | 36 457 | 337 5 | 62 / 10 52 / 194 | 271 553 | 572 5 | 296 / 246 50 / 190 | |
| 6 | 25 789 | 326 5 | 53 / -2 55 / 249 | 297 579 | 598 5 | ½ 297 / ½ 270 54 / 244 | |
| 7 | 39 743 | 340 5 | 52 / 26 26 / 275 | 301 022 | 602 5 | 301 / ½ 286 30 / 274 | |
| 8 | 11 729 | 312 5 | 23 / -1 24 / 299 | 287 539 | 588 5 | 301 / 273 28 / 302 | |
| 9 | 18 985 | 319 5 | 28 / 8 20 / 319 | 295 945 | 596 5 | ½ 295 / ½ 283 24 / 326 | |
| 10 | 64 428 | 365 5 | 76 / 51 25 / 344 | 272 683 | 573 5 | 281 / 263 18 / 344 | |
| B.M. 36-15 | | | | | | 344 / 688 | B.M. 36-15 |
| | 356 102 ✓ | | | 282 691 ✓ | | | 9th ST. & WESTERN AVE |
| | | | | 356 102 ✓ | | | SEE F.B. 3700-95 |
| | | | | −246 589 ✓ | | | |

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 36-15 TO 36-10A |
|---|---|---|---|---|---|---|---|
| B.M. 36-15 | 5654 | | | 3635 3 | | | B.M. 36-15 |
| 1. | 297 840 | 598 5 | 297 ½ 286 22 | 30 542 | 331 5 | 41 19 22 | WESTERN AVE & 9th ST |
| 2. | 287 301 | 588 5 | 298 276 22 | 14 011 | 315 5 | 25 3 22 | SEE F.B. 3700-95 |
| 3 | 285 952 | 586 5 | 297 273 44 24 | 25 050 | 326 5 | 37 13 44 24 | |
| 4 | 299 157 | 600 5 | 299 ½ 282 68 34 | 47 462 | 348 5 | 64 30 68 34 | ⊼ J. MALDONADO |
| 5 | 251 358 | 552 5 | 269 233 102 36 | 67 571 | 368 5 | 85 49 102 36 | |
| 6 | 275 712 | 576 5 | 300 250 138 50 | 38 747 | 339 5 | 61 15 138 46 | |
| 7 | 261 950 | 562 5 | 277 245 188 32 | 6 036 | 307 5 | 120 ½ 6 184 28 | |
| 8 | 229 217 | 530 5 | 236 222 220 14 | 54 051 | 355 5 | 65 43 212 22 | |
| 9 | 264 359 | 565 5 | 278 250 234 28 | 37 753 | 338 5 | 51 23 234 28 | |
| 10 | 292 794 | 593 5 | 292 ½ 274 262 36 | 48 478 | 349 5 | 66 30 262 36 | |
| 11 | 202 798 | 503 5 | 220 184 298 36 | 111 080 | 412 5 | 128 94 298 34 | |
| | | | 334 | | | 332 | |
| | | | | | | 334 | |
| | 2948 238 | | | 480 781 | | 666 | B.M. 36-10A |
| | 480 781 | | | | | | MIRALESTE DR. & Ho. # 4501 |
| B.M. 36-10A | + 2467 457 | | | | | | |

F.B. 3799 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-18-70

INDEXED D. J. GALLY DATE

WEATHER CLEAR 70° INST. NO. 96716

TIME 1:45 TO 2:25 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | FORESIGHT | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | RIGHT MIC. | LEFT. | STADIA | FROM 36-15 TO 35-9 |
| B.M. 36-15 | | | | | | | B.M. 36-15 |
| 1 | 35 356 | 336 5 | 49 ½ 35 28 | 300 094 | 601 5 | 300 ½ 288 24 | 9th ST. & WESTERN AVE |
| | | | | | | | SEE F.B. 3700-95 |
| 2 | 29 100 | 330 5 | 40 18 22 | 298 330 | 599 5 | 298 ½ 287 22 | |
| 3 | 6 682 | 307 5 | 50 16 ½ 6 20 | 288 422 | 589 5 | 300 276 46 24 | R. SIEMANN |
| 4 | 6 617 | 307 5 | 70 20 ½ 6 28 | 290 441 | 591 5 | 304 276 70 28 | |
| 5 | 7 499 | 308 5 | 98 19 ½ 7 24 | 296 370 | 597 5 | 296 284 98 24 | |
| 6 | 9 770 | 310 5 | 122 20 ½ 9 22 | 292 076 | 593 5 | 302 282 122 20 | |
| 7 | 15 100 | 316 5 | 144 24 6 18 | 300 365 | 601 5 | 300 ½ 290 142 20 | |
| 8 | 9 329 | 310 5 | 162 21 ½ 9 24 | 300 481 | 601 5 | 300 ½ 289 162 22 | |
| 9 | 101 262 | 402 5 | 186 104 98 6 | 189 169 | 490 | 192 186 184 6 | |
| | | | 192 | | | 190 | |
| B.M. 35-9 | | | | | | 192 | B.M. 35-9 |
| | 220 715 | | | 2555 748 | | 382 | 9th ST. W. OF DODSON |
| | | | | 220 715 | | | SEE F.B. 1356 |
| | | | | 2335 033 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-18-70

INDEXED C.J. GALLI DATE [illegible]

WEATHER CLEAR 67°

TIME 10:30 TO

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3799 PG. 59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 35-9 TO 36-15 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 35-9 | | | | | | | | | B.M. 35-9 |
| 1 | 292 | 822 | 593 5 | 300 283 18 | 11 | 362 | 312 5 | 22 0 22 | 9th ST. W. OF DODSON AVE. |
| 2 | 300 | 788 | 601 5 | 1/2 300 289 22 | 17 | 180 | 318 5 | 27 7 20 | SEE F.B. 1356 - |
| 3 | 299 | 338 | 600 5 | 1/2 299 289 40 20 | 27 | 094 | 328 5 | 36 18 42 18 | ⊼ R. SIEMANN |
| 4 | 294 | 691 | 595 5 | 305 283 60 22 | 31 | 370 | 332 5 | 42 20 60 22 | |
| 5 | 297 | 511 | 598 5 | 1/2 297 285 82 24 | 36 | 736 | 337 5 | 48 24 82 24 | |
| 6 | 293 | 949 | 594 5 | 307 279 106 28 | 10 | 839 | 311 5 | 1/2 24 10 106 28 | |
| 7 | 298 | 355 | 599 5 | 1/2 298 288 134 20 | 34 | 120 | 335 5 | 43 25 134 18 | |
| 8 | 284 | 828 | 585 5 | 294 274 154 20 | 10 | 029 | 311 5 | 20 0 152 20 | |
| 9 | 259 | 041 | 560 5 | 268 250 174 18 | 107 | 432 | 408 5 | 115 99 172 16 | |
| | | | | 192 | | | | 188 | |
| B.M. 3 | | | | | | | | 192 | |
| | 262 | 1323 | | | 286 | 162 | | 380 | |
| | 286 | 162 | | | | | | | |
| | +2335 | 161 | | | | | | | |

F.B. 3799 PG. 60

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-18-70

INDEXED C.J. GALLY DATE

WEATHER CLEAR 72°

TIME 1:15

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

76P526B CE # 308 8/68

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 3-18-70 WEATHER 67° LT. BR. CLEAR INST. NO 26716
NOTES BY G.E. DREIER TIME 11:05 11:25 ROD NO 95 & 96
INDEXED [redacted] DATE APR 7 [redacted] NOTES CHKD [illegible] DATE
F.B. 3799 PG. 61

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | | FORESIGHT Right | Mic. | Left | Stadia | | DESCRIPTION AND REMARKS From 35-9 To 35-9A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 35-9 | | | | | | | | | | | B.M. 35-9 |
| 1 | 33 | 690 | 334 | 5 | 47 19 28 | 300 | 648 | 601 | 5 | 300 289 2 | 9th ST. W. of DODSON AVE |
| | | | | | | | | | | | SEE F.B. 1356- |
| 2 | 40 | 851 | 341 | 5 | 48 32 16 | 115 | 659 | 416 | 5 | 126 104 22 | |
| 3 | 270 | 496 | 571 | 5 | 279 261 44 18 | 34 | 180 | 335 | 5 | 43 25 44 18 | T R. SIEMANN |
| 4 | 296 | 680 | 597 | 5 | 306 286 62 20 | 29 | 450 | 330 | 5 | 39 19 62 20 | |
| 5 | 174 | 109 | 475 | 5 | 187 161 82 26 | 212 | 769 | 513 | 5 | 226 198 82 28 | |
| 6 | 136 | 297 | 437 | 5 | 140 132 108 8 | 198 | 123 | 499 | 5 | 201 195 110 6 | |
| | | | | | 116 | | | | | 116 | |
| B.M. 35-9A | | | | | | | | | | 116 | B.M. 35-9A |
| | 952 | 123 | | | | 890 | 829 | | | 232 | DODSON AVE & 10th ST., N. of & |
| | 890 | 829 | | | | | | | | | SEE F.B. |
| | + 61 | 294 | | | | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 82 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-18-70

INDEXED [redacted] DATE

WEATHER LT. BR., CLEAR 74° INST. NO. 96716

TIME 11:25 ROD NO. 95896

NOTES CHKD [illegible] DATE

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 35-9A TO 35-9 |
| B.M. 35-9A | | | | | | | | | B.M. 35-9A |
| 1 | 240 | 802 | 541 5 | 259<br>221 38 | 210 | 298 | 511 5 | 230<br>190 40 | DODSON AVE & 18th ST. |
| | | | | | | | | | SEE F.B. 1 |
| 2 | 18 | 118 | 319 5 | 28<br>8 20 | 287 | 739 | 588 5 | 297<br>277 20 | |
| 3 | 23 | 834 | 324 5 | 33 58<br>13 20 | 235 | 679 | 536 5 | 245 60<br>225 20 | |
| 4 | 216 | 669 | 517 5 | 78<br>226<br>206 20 | 43 | 673 | 344 5 | 80<br>53<br>33 20 | R. SIEMANN |
| 5 | 267 | 845 | 568 5 | 98<br>275<br>259 16 | 51 | 289 | 352 5 | 100<br>58<br>44 14 | |
| | | | | 114 | | | | 114 | |
| B.M. 35-9 | | | | | | | | 114 | B.M. 35-9 |
| | 767 | 268 | | | 828 | 678 | | 228 | 9th ST. W. OF DODSON AVE. |
| | | | | | 767 | 268 | | | SEE F.B. 1356 |
| | | | | | 61 | 410 | | | |

| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. PRECISE LEVEL NET |
| Map No. | JN 0301.02 Tape Std °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes Date MAR. 1970 |
| Date | Indexed G.L. GALLI APR 8 '70 |

F. B. 3799 PG. 65

JOB NO. 0301.02

# L.A. CO. PRECISE LEVEL NET

## LINE NO. 49, MARCH 1970 RELEVELING

DESCRIPTIONS OF B.M.S
IN F.B. 1373
F.B. 3700

DREIER
MALDONADO
SIEMANN
McKNIGHT

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

Do not extend this side of this line.

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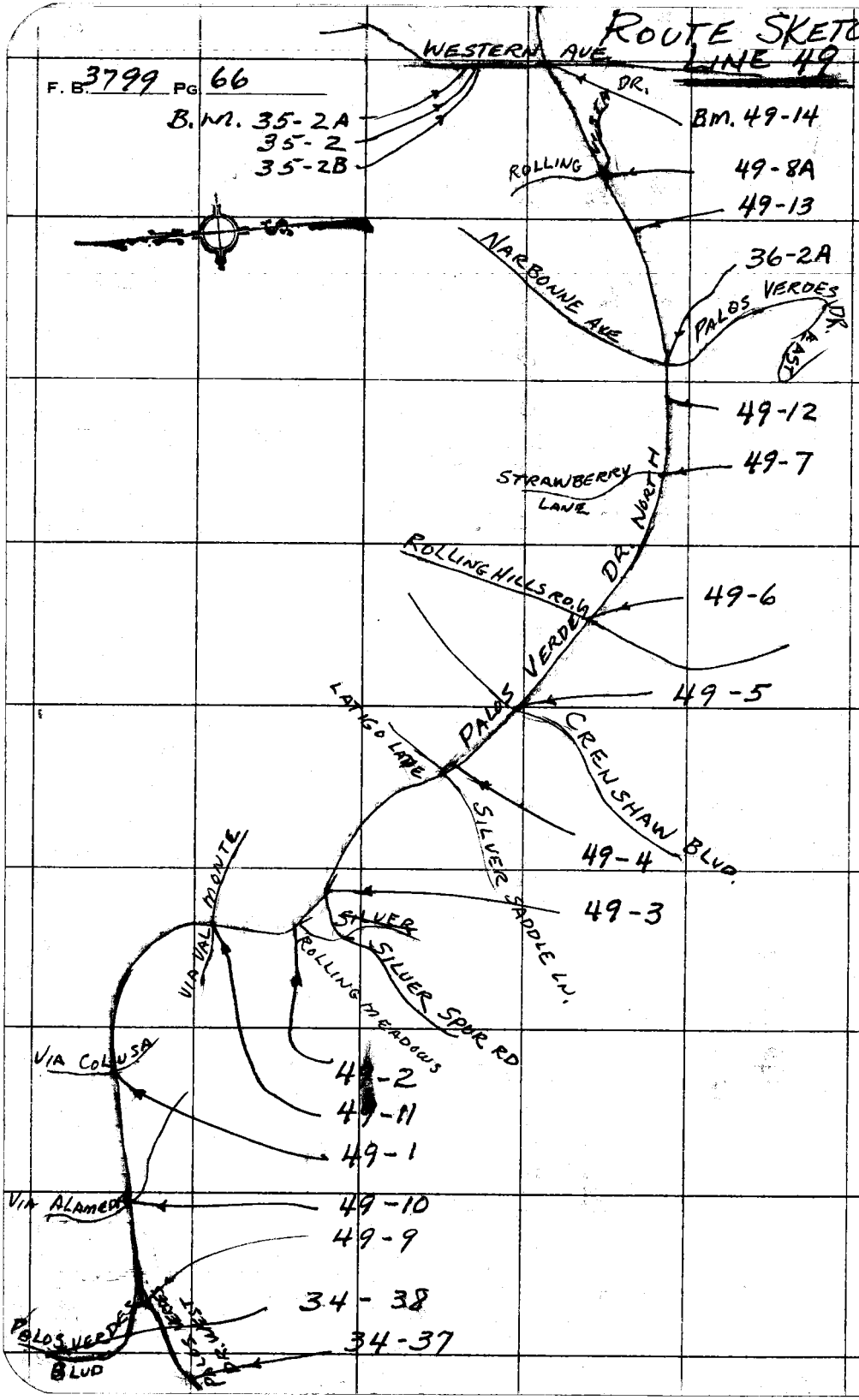
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309s CE#310 3-69

# ROUTE SKETCH

F. B. 3799 PG 66




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

Do not extend this side of this line.

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

76P526B CE # 306 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER WEATHER LOW HAZE INST. NO. 96716

NOTES BY DREIER DATE 3-24-70 TIME 9:00 ROD NO. 95896

INDEXED C.L. GALT DATE APR 8 70 NOTES CHKD. DATE

F.B. 3799 PG 67

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 160 | 596 | 461 5 | 162 158 4 | 209 | 239 | 510 5 | 236 182 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 146 | 912 | 447 5 | 148 144 4 | 98 | 270 | 399 5 | 125 70 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 307 | 508 | | 8 | 307 | 509 | | 108 | |
| | 307 | 469 | | | | 0.40 mm | | | |
| | + | 037 | | | -0 | ~~mm~~ | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 307 | 469 | | 100 | |
| | | | | | - | | | | |

+ 0.004 mm= "C"

100 | 0.37

mm= "C"

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 57 OVERCAST

SURVEY BY G.E. DREIER WEATHER 8:40 INST. NO. 76716

NOTES BY G.E. DREIER DATE 3-25-70 TIME 8:40 ROD NO. 95 & 96

INDEXED C.J. GALLI DATE APR 8 '70 NOTES CHKD. DATE

F.B. 3789 Pg 69

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 142 | 359 | 443 5 | 144 / 140 4 | 114 | 582 | 415 5 | 141 / 87 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 152 | 643 | 453 5 | 154 / 150 4 | 180 | 277 | 481 5 | 207 / 153 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 295 | 002 | | 8 | 294 | 859 | | 108 | |
| | 294 | 819 | | | | 0.40 mm | | | |
| | + | 183 | | | -0 | ~~mm~~ | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 294 | 819 | | 100 | |
| | | | | | - | | | | |

+0.018 mm= "C"

100 / 1.83

mm= "C"

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-26-70 TIME 8:45 ROD NO. 95496

INDEXED C.L. GALLI DATE APR 8 70 NOTES CHKD. DATE

F.B. 3799 PG. 71

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 161 | 020 | 462 5 | 163 159 4 | 75 | 855 | 376 5 | 102 48 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 180 | 037 | 481 5 | 182 178 4 | 265 | 114 | 566 5 | 292 238 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 341 | 057 | | | 340 | 969 | | 108 | |
| | 340 | 929 | | | | 0.40 mm | | | |
| | + | 128 | | | -0. | ~~mm~~ | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 340 | 929 | | 100 | |
| | | | | | - | | | | |

+ 0.013 mm= "C"

100 / 1.28

mm= "C"

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 64°

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-27-70 TIME 8:50 ROD NO. 95, 96

INDEXED C.J. GALLI DATE [illegible] NOTES CHKD DATE

F.B. 3799 Pg. 73

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 158 | 414 | 459 5 | 160 156 4 | 73 | 226 | 374 5 | 100 46 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 178 | 688 | 479 5 | 180 176 4 | 263 | 762 | 564 5 | 290 236 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 337 | 102 | | 8 | 336 | 988 | | 108 | |
| | 336 | 948 | | | | | | | |
| | + | 164 | | | -0.40 mm | | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 336 | 948 | | 100 | |
| | | | | | - | | | | |
| | +0.016 | | | mm= "C" | | | | | |
| | 100 | 1.64 | | | | | | | |
| | | | | | | | mm= "C" | | |

76P526B CE # 308 8-59

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 3-30-70 WEATHER 62° SCATT. CLOUDS INST. NO. 76716
NOTES BY G.E. DREIER TIME 8:35 ROD NO. 5576
INDEXED G.J. GAN DATE APR 8 70 NOTES CHKD. DATE
F.B. 3799 PG. 75

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT | STADIA | RIGHT | MIC. | LEFT | STADIA | FROM ____ TO ____ |
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 186 | 478 | 587 5 | 188 184 4 | 139 | 243 | 440 5 | 166 112 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 178 | 004 | 479 5 | 180 176 4 | 225 | 184 | 526 5 | 252 198 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 364 | 482 | | 8 | 364 | 427 | | 108 | |
| | 364 | 387 | | | | 040 mm | | | |
| | + | 096 | | | -0.4 | ~~mm~~ | | - 8 | Curvature Corr.=0.40 mm |
| | | | | | 364 | 387 | | 100 | |
| | +0.010' | | | mm= "C" | | | | | |
| | 100 | 0.95 | | | | | | | |
| | | | | | | | | mm= "C" | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | | RIGHT MIC. | LEFT. | STADIA | | FROM 34-38 TO 49-9 |
| B.M. 34-38 | | | | | | | | | B.M. 34-38 (U.S.C.&G.S. F 781, 1946) |
| 1 | 31 771 | 332 5 | 51 11 | 40 | 204 949 | 505 5 | 224 184 | 40 | PALOS VERDES DR. W. (BLVD) & VIA ANITA DE (& VIA ROSA TO W.) |
| 2 | 55 563 | 356 5 | 88 22 | 66 | 235 081 | 536 5 | 268 202 | 66 | SEE F.B. 1355-41 |
| 3 | 65 622 | 366 5 | 97 33 | 106 64 | 259 211 | 560 5 | 290 228 | 106 62 | |
| 4 | 36 989 | 337 5 | 61 11 | 170 50 | 123 049 | 424 5 | 149 97 | 168 52 | ⊼ J. MALDONADO |
| 5 | 88 101 | 389 5 | 102 74 | 220 28 | 21 251 | 322 5 | 35 7 | 220 28 | |
| | | | | 248 | | | | 248 | |
| B.M. 49-9 | | | | | | | | 248 | B.M. 49-9 |
| | 278 046 | | | | 843 541 | | | 496 | PALOS VERDES DR. W. & P.V. DR. NORTH |
| | | | | | 278 046 | | | | SEE F.B. 3700-7 |
| | | | | - | 565 495 | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-24-70

INDEXED C.J. GALLY DATE APR 8 '70

WEATHER 59° Low HAZE INST. NO 96716

TIME 9:15 TO 9:40 ROD NO 95 & 96

NOTES CHKD [illegible] DATE

F.B. 3799 PG. 77

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-9 TO 34-38 |
| B.M. 49-9 | | | | | | | | | B.M. 49-9 |
| 1 | 72 | 919 | 373 5 | 103 41 62 | 136 | 267 | 427 5 | 165 107 58 | PALOS VERDES DR. WEST & P.V. DR. NORTH |
| | | | | | | | | | SEE F.B. 3700-7 |
| 2 | 270 | 061 | 571 5 | 296 244 52 | 72 | 268 | 373 5 | 101 43 58 | |
| | | | | 114 | | | | 116 | ⊼ J. MALDONADO |
| 3 | 263 | 521 | 564 5 | 299 227 72 | 58 | 142 | 359 5 | 194 258 72 | |
| | | | | 186 | | | | 188 | |
| 4 | 202 | 822 | 503 5 | 223 181 42 | 57 | 944 | 358 5 | 78 36 42 | |
| | | | | 228 | | | | 230 | |
| 5 | 183 | 400 | 484 5 | 191 175 16 | 102 | 693 | 403 5 | 109 95 14 | |
| | | | | 244 | | | | 244 | |
| B.M. 34-38 | | | | | | | | 244 | B.M. 34-38 (U.S.C.&G.S. F 781 1946) |
| | 992 | 723 | | | 427 | 314 | | 488 | PALOS VERDES DR. W. (BLVD.) & VIA ANITA, DE. (VIA ROSA, TO W.) |
| | 427 | 314 | | | | | | | SEE F.B. 1355-41 |
| | +565 | 409 | | | | | | | |

F.B. 3799 PG. 78

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL-NET

SURVEY BY DREIER NOTES DREIER 3-24-70

INDEXED D.J. GALLI DATE

WEATHER CLEAR - BREEZE INST. NO. 96716

TIME 10:15 TO 10:40 ROD NO. 95896

NOTES CHKD [illegible] DATE

59° TO 64°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 49-9 TO 34-37 |
| B.M. 49-9 | | | | | | | | | B.M. 49-9 |
| 1 | 298 | 851 | 599 5 | 298 / ½ 288 20 | 9 | 319 | 310 5 | 18 / ½ 9 18 | PALOS VERDES DR. WEST & P.V. DR. NORTH |
| | | | | | | | | | SEE F.B. 3700-7 |
| 2 | 266 | 493 | 567 5 | 275 / 257 18 | 39 | 188 | 340 5 | 48 / 30 18 | |
| | | | | 38 | | | | 36 | |
| 3 | 299 | 391 | 600 5 | 299 / ½ 286 26 | 32 | 668 | 333 5 | 47 / 17 30 | ⊼ J. MALDONADO |
| | | | | 64 | | | | 66 | |
| 4 | 149 | 342 | 450 5 | 162 / 136 26 | 119 | 072 | 420 5 | 132 / 106 26 | |
| | | | | 90 | | | | 92 | |
| B.M. 34-37 | | | | | | | | 90 | B.M. 34-37 (U.S.C.&G.S. G 169 1933 |
| | 1014 | 077 | | | 200 | 247 | | 182 | PALOS VERDES PLAZA ~~AT~~ FOUNTAIN |
| | 200 | 247 | | | | | | | SEE F.B. 1355-40 |
| | +813 | 830 | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-24-70

INDEXED C.J. GALLI DATE [illegible]

WEATHER 69° CLEAR

TIME 9:40 TO 9:55

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3799 PG. 79

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM B.M. 34-37 TO 49-9 |
| B.M. 34-37 | | | | | | | | | B.M. 34-37 (U.S.C.&G.S. G169 1933) |
| 1 | 116 | 891 | 417.5 | 129 103 26 | 147 | 142 | 448.5 | 160 134 26 | PALOS VERDES PLAZA AT FOUNTAIN |
| | | | | | | | | | SEE F.B. 1355-40 |
| 2 | 30 | 765 | 331.5 | 46 14 32 | 297 | 239 | 598.5 | 297 284 26 | |
| | | | | | | | | 52 | |
| 3 | 63 | 358 | 364.5 | 70 56 58 14 | 260 | 971 | 561.5 | 270 250 20 | |
| | | | | | | | | 72 | J. MALDONADO |
| 4 | 28 | 084 | 329.5 | 36 20 72 16 | 274 | 983 | 575.5 | 282 266 16 | |
| | | | | | | | | 88 | |
| 5 | 102 | 667 | 403.5 | 105 99 88 6 | 175 | 283 | 476.5 | 177 172 5 | |
| | | | | 94 | | | | 93 | |
| B.M. 49-9 | | | | | | | | 94 | B.M. 49-9 |
| | 341 | 765 | | | 1155 | 618 | | 187 | PALOS VERDES DR. W. & P.V. DR. N. |
| | | | | | 341 | 765 | | | SEE F.B. 3700-7 |
| | | | | | 813 | 853 | | | |

F.B. 3799 PG. 80

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-24-70

INDEXED C.L. GALLI DATE

69° TO 59°

WEATHER CLEAR INST. NO. 96716

TIME 9:55 TO 10:15 ROD NO. 95, 96

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-24-70

INDEXED C.J. GALLI DATE APR 8 [illegible]

WEATHER SEABR. CLEAR 63°

TIME 10:45 TO 11:35

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO. 95496

F.B. 3799 PG. 81

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-9 TO 49-10 |
| B.M. 49-9 | | | | | | | | | B.M. 49-9 |
| 1 | 295 | 341 | 596 5 | 295 / ½ 270 50 | 18 | 130 | 319 5 | 45 / ½ 18 54 | PALOS VERDES DR. WEST, & P.V. DR. NORTH |
| | | | | | | | | | SEE F.B. 3700-7 |
| 2 | 296 | 409 | 597 5 | 296 / ½ 276 40 | 8 | 398 | 309 5 | 22 / ½ 8 28 | |
| | | | | | | | | 82 | |
| 3 | 298 | 560 | 599 5 | 298 / ½ 287 90 / 22 | 28 | 550 | 329 5 | 42 / 14 28 | ⊼ R. SIEMANN |
| | | | | 112 | | | | 110 | |
| 4 | 282 | 738 | 583 5 | 294 / 270 24 | 23 | 999 | 324 5 | 37 / 9 28 | |
| | | | | 136 | | | | 138 | |
| 5 | 300 | 212 | 601 5 | 300 / ½ 285 30 | 25 | 422 | 326 5 | 40 / 10 30 | |
| | | | | 166 | | | | 168 | |
| 6 | 283 | 649 | 584 5 | 296 / 270 26 | 8 | 953 | 309 5 | 21 / ½ 8 26 | |
| | | | | 192 | | | | 194 | |
| 7 | 301 | 862 | 602 5 | 301 / ½ 291 20 | 11 | 660 | 312 5 | 20 / 2 18 | |
| | | | | 212 | | | | 212 | |
| 8 | 297 | 981 | 598 5 | 306 / 288 18 | 15 | 371 | 316 5 | 24 / 6 18 | |
| | | | | 230 | | | | 230 | |
| 9 | 295 | 135 | 596 5 | 304 / 286 18 | 17 | 101 | 318 5 | 26 / 8 18 | |
| | | | | 248 | | | | 248 | |
| 10 | 296 | 000 | 597 5 | 306 / 286 20 | 4 | 898 | 305 5 | 14 / ½ 4 20 | |
| | | | | 268 | | | | 268 | |
| 11 | 297 | 031 | 598 5 | 307 / 287 20 | 7 | 838 | 308 5 | 18 / ½ 7 22 | |
| | | | | 288 | | | | 290 | |
| 12 | 284 | 512 | 585 5 | 295 / 273 22 | 54 | 120 | 355 5 | 64 / 44 20 | |
| | | | | 310 | | | | 310 | |
| 13 | 263 | 638 | 564 5 | 273 / 253 20 | 84 | 473 | 385 5 | 94 / 74 20 | |
| | | | | 330 | | | | 330 | |
| | | | | | | | | 330 | |
| | | | | | | | | 660 | |
| B.M. 40-10 | 3793 | 068 ✓ | | | 308 | 913 ✓ | | | B.M. 49-10 |
| | 308 | 913 ✓ | | | | | | | PALOS VERDES DR. N. & VIA ALAMEDA |
| | +3484 | 155 ✓ | | | | | | | SEE F.B. 3700-9 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3799 PG. 82 | JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-30-70

INDEXED G.L. GALL DATE

WEATHER SCAT. CLOUDS 62° INST. NO. 96716

TIME 8:40 ROD NO. 95596

NOTES CHKD DATE

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS From 49-10 To 49-9 |
|---|---|---|---|---|---|---|---|
| B.M. 49-10 | | | | | | | B.M. 49-10 |
| 1 | 50 435 | 351 5 | 65 35 30 | 296 812 | 597 5 | 308 284 24 | PALOS VERDES DR. N. & VIA ALAMEDA |
| | | | | | | | SEE F.B. 3700-9 |
| 2 | 13 360 | 314 5 | 20 6 14 | 300 090 | 601 5 | 1300 ½290 20 | |
| 3 | 14 778 | 315 5 | 24 4 20 44 | 299 322 | 600 5 | 299 44 ½289 20 | |
| ~~4~~ | | | | | | 64 | T R. SIEMANN |
| ~~5~~ 4 | 18 798 | 319 5 | 28 8 20 64 | 290 799 | 591 5 | 299 281 18 | |
| 5 | 20 010 | 321 5 | 29 11 18 84 | 299 845 | 600 5 | 299 289 20 | |
| 6 | 12 360 | 313 5 | 22 2 20 102 | 301 662 | 602 5 | 301 ½291 20 | |
| 7 | 13 882 | 314 5 | 23 3 20 122 | 251 065 | 552 5 | 261 241 20 | |
| 8 | 17 409 | 318 5 | 30 4 26 142 | 286 312 | 587 5 | 300 272 28 | |
| 9 | 14 300 | 315 5 | 26 2 24 168 | 274 283 | 575 5 | 286 262 24 | |
| 10 | 12 162 | 313 5 | 27 ½12 30 192 | 299 679 | 600 5 | 299 ½284 30 | |
| 11 | 13 348 | 314 5 | 28 ½13 30 222 | 283 401 | 584 5 | 298 268 30 | |
| 12 | 13 769 | 314 5 | 27 ½13 28 252 | 269 198 | 570 5 | 283 255 28 | |
| 13 | 78 578 | 379 5 | 94 62 32 280 | 229 364 | 530 5 | 244 214 30 | |
| 14 | 121 730 | 422 5 | 130 112 18 312 | 217 198 | 518 5 | 227 207 20 | |
| | 414 989 | | 330 | 389 990 | | 332 | |
| | | | | 414 919 | | 330 | B.M. 49-9 |
| B.M. 49-9 | | | | | | 662 | PALOS VERDES DR. W. & PVI DR. N. |
| | | | | - 3484 071 | | | SEE F.B. 3700-7 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-24-70

INDEXED C.J. GAD DATE [illegible] 8[illegible]

WEATHER SEA BR.—CLEAR 60° TO 63°

TIME 11:35 TO 1:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95, 96

F.B. 3799 PG. 83

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 49-10 TO 49-1 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 49-10 | | | | | | | | | B.M. 49-10 |
| 1 | 112 | 961 | 413 5 | 122 / 102 20 | 185 | 300 | 486 5 | 195 / 175 20 | PALOS VERDES DR. N. & VIA ALAMEDA |
| | | | | | | | | | SEE F.B. 3700-9 |
| 2 | 281 | 701 | 582 5 | 281 / 252 58 | 29 | 668 | 330 5 | 58 / 0 58 | |
| | | | | 78 | | | | 78 | |
| 3 | 296 | 548 | 597 5 | 296 / 276 40 | 15 | 371 | 316 5 | 35 / 15 40 | |
| | | | | 118 | | | | 118 | |
| 4 | 299 | 937 | 600 5 | 299 / 281 36 | 14 | 430 | 315 5 | 33 / 14 38 | ⊼ R. SIEMANN |
| | | | | 154 | | | | 156 | |
| 5 | 299 | 974 | 600 5 | 299 / 282 34 | 16 | 405 | 317 5 | 31 / 1 30 | |
| | | | | 188 | | | | 186 | |
| 6 | 289 | 521 | 590 5 | 306 / 272 34 | 6 | 149 | 307 5 | 23 / 6 34 | |
| | | | | 222 | | | | 220 | |
| 7 | 299 | 629 | 600 5 | 299 / 283 32 | 38 | 201 | 339 5 | 52 / 24 28 | |
| | | | | 254 | | | | 248 | |
| 8 | 296 | 268 | 597 5 | 296 / 281 30 | 4 | 974 | 305 5 | 21 / 4 34 | |
| | | | | 284 | | | | 282 | |
| 9 | 297 | 395 | 598 5 | 297 / 281 32 | 12 | 886 | 313 5 | 27 / 12 30 | |
| | | | | 316 | | | | 312 | |
| 10 | 176 | 221 | 477 5 | 177 / 175 2 | 168 | 498 | 469 5 | 171 / 165 6 | |
| | | | | 318 | | | | 318 | |
| B.M. 49-1 | | | | | | | | 318 | B.M. 49-1 |
| | 2650 | 155 ✓ | | | 491 | 882 ✓ | | 636 | PALOS VERDES DR. N. & VIA COLUSA |
| | 491 | 882 ✓ | | | | | | | SEE F.B. 1373-7 |
| | +2158 | 273 ✓ | | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-1 TO 49-10 |
| B.M. 49-1 | | | | | | | | | B.M. 49-1 |
| 1 | 119 | 994 | 420.5 | 137 101 36 | 300 | 553 | 601.5 | 300 ½ 282 36 | PALOS VERDES DR. N. & VIA COLUSA |
| | | | | | | | | | SEE F.B. 1373-7 |
| 2 | 49 | 625 | 350.5 | 60 38 22 | 244 | 012 | 545.5 | 255 233 22 | |
| 3 | 40 | 404 | 341.5 | 69 11 58 58 | 270 | 196 | 571.5 | 301 239 58 62 | |
| 4 | 103 | 677 | 404.5 | 127 79 116 48 | 269 | 300 | 570.5 | 295 243 120 52 | ⊼ R. MOORE |
| 5 | 15 | 390 | 316.5 | 31 -1 32 | 297 | 400 | 598.5 | 297 ½ 282 172 30 | |
| 6 | 20 | 252 | 321.5 | 35 5 196 30 | 259 | 448 | 560.5 | 274 244 202 30 | |
| 7 | 61 | 220 | 362.5 | 88 34 226 54 | 298 | 492 | 599.5 | 298 ½ 283 232 30 | |
| 8 | 24 | 268 | 325.5 | 31 17 280 14 | 295 | 646 | 596.5 | 295 ½ 282 262 30 | |
| 9 | 9 | 179 | 310.5 | 18 ½ 9 294 18 | 267 | 890 | 568.5 | 276 258 292 18 | |
| 10 | 94 | 800 | 395.5 | 99 89 312 10 | 194 | 254 | 495.5 | 199 189 310 10 | |
| | | | | 322 | | | | 320 | |
| | | | | | | | | 322 | |
| | 538 | 809 | | | 2697 | 191 | | 642 | |
| | | | | | 538 | 809 | | | |
| | | | | | -2158 | 382 | | | |
| B.M. 49-10 | | | | | | | | | B.M. 49-10 |
| | | | | | | | | | PALOS VERDES DR. N. & VIA ALAMEDA |
| | | | | | | | | | SEE F.B. 3700-9 |

F.B. 3799 PG. 84

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-27-50

INDEXED C. J. GALLI DATE

WEATHER CLEAR 72° BREEZE

TIME 1:50 TO 2:45

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95,96

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE MAR 24 1970 TIME 1:30 TO 2:30 WEATHER LT. WIND INST. NO. 96716

INDEXED C. J. GALLI DATE APR 8 NOTES CHKD [illegible] DATE ROD NO. 95896

F.B. 3799 PG. 85

T = 66

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 49-1 TO 49-11 |
|---|---|---|---|---|---|---|---|
| B.M. 49-1 | | | | | | | B.M. 49-1 |
| 1 | 259250 | 560 5 | 272 246 26 | 66790 | 367 5 | 79 53 26 | PALOS VERDES DR. N. & VIA COLUSA |
| | | | | | | | SEE F.B. 1373-7 |
| 2 | 297725 | 598 5 | 297 274 46 | 32448 | 333 5 | 55 9 46 | |
| | | | 72 | | | 72 | |
| 3 | 246317 | 547 5 | 276 216 60 | 74254 | 375 5 | 104 44 60 | |
| | | | 132 | | | 132 | |
| 4 | 257938 | 558 5 | 290 224 66 | 86613 | 387 5 | 119 53 66 | |
| | | | 198 | | | 198 | |
| 5 | 197821 | 498 5 | 227 167 60 | 109090 | 410 5 | 140 78 62 | |
| | | | 258 | | | 260 | π = DREIER |
| 6 | 287624 | 588 5 | 287 259 56 | 17320 | 318 5 | 143 217 52 | |
| | | | 314 | | | 312 | |
| 7 | 301062 | 602 5 | 301 285 32 | 8,008 | 309 5 | 21 8 26 | |
| | | | 346 | | | 338 | |
| 8 | 289180 | 590 5 | 301 277 24 | 23192 | 324 5 | 35 11 24 | |
| | | | 370 | | | 362 | |
| 9 | 300140 | 601 5 | 300 280 40 | 4415 | 305 5 | 28 4 48 | |
| | | | 410 | | | 410 | |
| 10 | 301169 | 602 5 | 301 284 34 | 10168 | 311 5 | 24 10 28 | |
| | | | 444 | | | 438 | |
| 11 | 300703 | 601 5 | 300 288 24 | 13339 | 314 5 | 28 -2 30 | |
| | | | 468 | | | 468 | |
| 12 | 290807 | 591 5 | 308 272 36 | 70360 | 371 5 | 87 53 34 | |
| | | | 504 | | | 502 | |
| | | | | | | 504 | |
| B.M. 49-11 | | | | | | 1006 | B.M. 49-11 |
| | 3329736 | | | 515997 | | | PALOS VERDES DR. N. & VIA VALMONTE |
| | 515997 | | | | | | SEE F.B. 3700-13 |
| | +2813739 | | | | | | |

PLEASE RETURN TO

# LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 49-11 TO 49-1 |
|---|---|---|---|---|---|---|---|
| B.M. 49-11 | 88136 | | | 118165 | | | B.M. 49-11 |
| 1 | 65.420 | 366.5 | 79 51 .28 | 269.113 | 570.5 | 283 255 .28 | PALOS VERDES DR. N. & VIA VALMONTE |
| | | | | | | | SEE F.B. 3700-13 |
| 2 | 9.926 | 310.5 | 26 ½ 9 .34 | 284.639 | 585.5 | 301 267 .34 | |
| | | | 62 | | | 62 | |
| 3 | 28.743 | 329.5 | 43 13 .30 | 279.687 | 580.5 | 294 264 .30 | |
| | | | 92 | | | 92 | |
| 4 | 49.649 | 350.5 | 63 35 .28 | 247.407 | 548.5 | 260 234 .26 | |
| | | | 120 | | | 118 | |
| 5 | 23.207 | 324.5 | 39 7 .32 | 298.933 | 599.5 | ½ 298 282 .32 | |
| | | | 152 | | | 150 | |
| 6 | 33.506 | 334.5 | 49 17 .32 | 291.935 | 592.5 | 301 275 .32 | |
| | | | 184 | | | 182 | π = G.E. DREIER |
| 7 | 12.906 | 313.5 | 26 -2 .28 | 297.990 | 598.5 | ½ 297 284 .26 | |
| | | | 212 | | | 208 | |
| 8 | 7.450 | 308.5 | ½ 26 7 .38 | 178.000 | 479.5 | 200 156 .44 | |
| | | | 250 | | | 252 | |
| 9 | 146.418 | 447.5 | 174 118 .56 | 172.580 | 473.5 | 200 144 .56 | |
| | | | 306 | | | 308 | |
| 10 | 149.382 | 450.5 | 174 124 .50 | 199.681 | 500.5 | 223 175 .48 | |
| | | | 356 | | | 356 | |
| 11 | 59.900 | 360.5 | 87 31 .56 | 275.534 | 576.5 | 303 247 .56 | |
| | | | 412 | | | 412 | |
| 12 | 52.515 | 353.5 | 82 22 .60 | 269.517 | 570.5 | 299 239 .60 | |
| 13 | 41.718 | 342.5 | 65 17 .472 48 | 285.903 | 586.5 | 308 262 .472 46 | B.M. 49-1 |
| | | | 520 | | | 518 | PALOS VERDES DR. N. & VIA COLUSA |
| 14 | 115.907 | 416.5 | 127 102 .25 | 259.397 | 580.5 | 272 246 .26 | SEE F.B. 1373-7 |
| | 796.647 | | 545 | 3610.316 | | 544 | |
| | | | | 796.647 | | 545 | |
| B.M. 49-1 | | | | -2813.669 | | 1089 | |

F.B. 3799 PG. 86 JOB NO. 0301.02

SURVEY OF PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. MOORE 3-27-70

INDEXED C. J. GALLI DATE

WEATHER CLEAR T=70° INST. NO. 76716

TIME 11:35 TO ROD NO. 25896

NOTES CHKD [signature] DATE

70°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 49-11 TO 49-2 |
| B.M. 49-11 | | | | | | | B.M. 49-11 |
| 1 | 189 735 | 490 5 | 215 163 52 | 147 836 | 448 5 | 172 122 50 | PALOS VERDES DR. N. & VIA VALMONTE |
| | | | | | | | SEE F.B. 3700-13 |
| 2 | 115 183 | 416 5 | 133 97 36 | 217 678 | 518 5 | 236 198 38 | |
| | | | 88 | | | 88 | |
| 3 | 59 440 | 360 5 | 71 47 24 | 272 930 | 573 5 | 284 260 24 | |
| | | | 112 | | | 112 | |
| 4 | 85 000 | 386 5 | 106 64 42 | 147 102 | 448 5 | 167 127 40 | |
| | | | 154 | | | 152 | |
| 5 | 218 384 | 519 5 | 250 186 64 | 5 204 | 306 5 | 1/2 36 5 62 | π = DREIER |
| | | | 218 | | | 214 | |
| 6 | 293 922 | 594 5 | 1/2 293 273 40 | 5 750 | 306 5 | 1/2 24 5 38 | |
| | | | 258 | | | 252 | |
| 7 | 261 361 | 562 5 | 272 250 22 | 25 313 | 326 5 | 39 11 28 | |
| | | | 280 | | | 280 | |
| 8 | 222 972 | 523 5 | 229 215 14 | 66 560 | 367 5 | 73 59 14 | |
| | | | 294 | | | 294 | |
| B.M. 49-2 | | | | | | 294 | B.M. 49-2 |
| | 1445 997 | | | 888 373 | | 588 | PALOS VERDES DR. N. & ROLLING MEADOWS RP |
| | 888 373 | | | | | | SEE F.B. 1373-8 |
| | +557 624 | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 96716

NOTES BY SIEMANN DATE 3-24-70 TIME 2:30 TO 3:00 ROD NO 95896

INDEXED C.J. GALLI DATE APR 8 70 NOTES CHKD [illegible] DATE

T = 68°

F.B. 3799 PG. 87

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 75,96 DATE

WEATHER CLEAR TIME 10:45 to 11:30 NOTES CHKD

T-70

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. MOORE 3-27-70 DATE

INDEXED C.J. GALLI

F.B. 3799 PG. 88 JOB NO. 0301.02

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-2 TO 49-11 |
| B.M. 49-2 | | | | | | | | | B.M. 49-2 |
| 1 | 24.584 | | 325.5 | 33 15 18 | 301 ~~298~~ 132 | | 602 ~~59~~ 5 | ½ 301 293 16 | PALOS VERDES DR. N. & ROLLING MEADOWS RD. |
| | | | | | | | | | SEE F.B. 1373-8 |
| 2 | 4.811 | | 305.5 | ½ 16 4 24 42 | 298.584 | | 599.5 | ½ 298 292 24 40 | |
| 3 | 3.887 | | 304.5 | ½ 22 3 38 80 | 267.032 | | 568.5 | 287 247 40 80 | T = G.E. DREIER |
| 4 | 125.608 | | 426.5 | 154 96 58 138 | 193.753 | | 494.5 | 221 165 56 136 | |
| 5 | 206.026 | | 507.5 | 236 176 60 198 | 73.310 | | 374.5 | 103 43 60 196 | |
| 6 | 301.487 | | 602.5 | ½ 301 285 32 230 | 77.830 | | 378.5 | 95 57 38 234 | |
| 7 | 198.594 | | 499.5 | 220 176 44 274 | 179.129 | | 480.5 | 199 159 40 274 | |
| 8 | 154.350 | | 455.5 | 163 145 18 292 | 186.345 | | 487.5 | 195 177 18 292 292 | |
| B.M. 49-11 | 1019.347 | | | | 1577.115 | | | 584 | B.M. 49-11 |
| | | | | | 1019.347 | | | | PALOS VERDES DR. N. |
| | | | | | 557.768 | | | | & VIA VALMONTE |
| | | | | | | | | | SEE F.B. 3700-13 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | FORESIGHT | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | RIGHT MIC. | LEFT. | STADIA | FROM 49-2 TO 49-3 |
| B.M. 49-2 | | | | | | | B.M. 49-2 |
| 1 | 229 871 | 530 5 | 248<br>210 38 | 5 131 | 306 5 | 123<br>25 36 | PALOS VERDES DR. N. & ROLLING MEADOWS RD. |
| 2 | 288 260 | 589 5 | 1288<br>2266 44 | 55 808 | 356 5 | 76<br>34 42 | SEE F.B. 1373-8 |
| 3 | 249 323 | 550 5 | 289 82<br>209 80 | 126 327 | 427 5 | 166 78<br>86 80 | |
| 4 | 112 302 | 413 5 | 162<br>145 79<br>66 | 210 302 | 511 5 | 158<br>243 177<br>66 | J. MALDONADO |
| 5 | 163 344 | 464 5 | 228<br>199 127<br>72 | 105 893 | 406 5 | 224<br>144 66<br>78 | |
| | | | 300 | | | 302 | |
| | | | | | | 300 | |
| | 1043100 | | | 503 461 | | 602 | |
| B.M. 49-3 | 503 461 | | | | | | B.M. 49-3 |
| | +539 639 | | | | | | PALOS VERDES DR. N. & SILVER SPUR RD. |
| | | | | | | | SEE F.B. 3700-18 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER DATE 3-25-70 WEATHER OVERCAST INST. NO. 96716

NOTES BY G. E. DREIER DATE 3-25-70 TIME 8:40 TO 905 ROD NO. 85896

INDEXED C. J. GALLI DATE APR 8 '70 NOTES CHKD DATE

57° LT WIND

F.B. 3799 PG. 89

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 49-3 TO 49-2 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 49-3 | | | | | | | | | B.M. 49-3 |
| 1 | 187 | 379 | 388 5 | 112 62 50 | 177 | 692 | 478 5 | 202 152 50 | PALOS VERDES DR. N. & SILVER SPUR RD. SEE F.B. 3700-18 |
| 2 | 186 | 865 | 487 5 | 220 152 68 118 | 87 | 376 | 388 5 | 120 54 66 116 | |
| 3 | 176 | 494 | 477 5 | 207 145 62 180 | 199 | 678 | 500 5 | 230 168 62 178 | T G.E. DREIER |
| 4 | 67 | 771 | 368 5 | 98 36 62 242 | 299 | 154 | 600 5 | 297 269 60 238 | |
| 5 | 25 | 284 | 326 5 | 41 9 32 274 | 295 | 118 | 596 5 | 295 278 34 272 | |
| 6 | 139 | 146 | 440 5 | 151 127 24 298 | 163 | 402 | 464 5 | 176 150 26 298 298 | |
| | 682 | 933 | | | 1222 | 420 | | 596 | |
| | | | | | 682 | 933 | | | B.M. 49-2 |
| | | | | | 539 | 487 | | | |

F.B. 3799 PG. 90 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. MOORE 3-27-70

INDEXED C.J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:20 TO 10:45 ROD NO. 95,96

NOTES CHKD [illegible] DATE

T-680

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-3 TO 49-4 |
| B.M. 49-3 | | | | | | | | | B.M. 49-3 |
| 1 | 179 | 589 | 480 5 | 209 149 60 | 150 | 423 | 451 5 | 180 120 60 | PALOS VERDES DR. N. & SILVER SPUR RD (LATIGO RD TO N.) |
| 2 | 169 | 351 | 470 5 | 202 136 66 | 210 | 892 | 511 5 | 243 177 66 | SEE F.B. 3700-18 |
| 3 | 47 | 724 | 348 5 | 66 28 38 126 | 300 | 551 | 601 5 | 1/2 300 282 36 126 | |
| 4 | 6 | 303 | 307 5 | 1/2 16 6 20 164 | 251 | 290 | 552 5 | 262 240 22 162 | J. MALDONADO |
| 5 | 12 | 289 | 313 5 | 1/2 27 12 30 184 | 276 | 138 | 577 5 | 290 262 28 184 | |
| 6 | 13 | 317 | 314 5 | 27 -1 28 214 | 283 | 090 | 584 5 | 297 269 28 212 | |
| 7 | 48 | 238 | 349 5 | 66 30 36 242 | 175 | 147 | 476 5 | 193 157 36 250 | |
| 8 | 129 | 031 | 430 5 | 160 98 62 278 | 152 | 230 | 453 5 | 182 122 60 276 | |
| 9 | 163 | 041 | 464 5 | 188 138 50 340 ~~400~~ 390 | 114 | 300 | 415 5 | 140 88 52 346 | |
| | 768 | 883 | | | 1914 | 061 | | 388 390 ~~400~~ ~~798~~ 778 | |
| B.M. 49-4 | | | | | 768 | 883 | | | B.M. 49-4 |
| | | | | | 1145 | 178 | | | PALOS VERDES DR. N. & SILVER SADDLE LN. SEE F.B. 3700-19 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 3-25-70 WEATHER OVERCAST 57° LT. WIND INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-25-70 TIME 9:05 TO 9:40 ROD NO. 95 & 96

INDEXED C. J. GALL DATE APR 8 70 NOTES CHKD [signature] DATE

F.B. 3799 PG 91

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 49-4 TO 49-3 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 49-4 | | | | | | | | | B.M. ~~495~~ 49-4 |
| 1 | 66 | 365 | 367 5 | 94 38 56 | 159 | 285 | 460 5 | 187 131 56 | PALOS VERDES DR. N. & SILVER SADDLE LN. SEE F.B. 3700-19 |
| 2 | 137 | 966 | 438 5 | 170 104 66 | 161 | 648 | 462 5 | 193 129 64 | |
| 3 | 240 | 304 | 541 5 | 252 228 122 24 | 22 | 160 | 323 5 | 35 9 120 26 | ↑ R. MOORE |
| 4 | 268 | 112 | 569 5 | 279 257 146 22 | 54 | 724 | 355 5 | 64 44 146 20 | |
| 5 | 279 | 228 | 580 5 | 289 269 168 20 | 51 | 683 | 352 5 | 62 40 166 22 | |
| 6 | 279 | 188 | 580 5 | 292 266 188 26 | 44 | 613 | 345 5 | 57 31 188 26 | |
| 7 | 265 | 892 | 566 5 | 277 253 214 24 | 48 | 698 | 349 5 | 60 36 214 24 | |
| 8 | 288 | 835 | 589 5 | 305 271 238 34 | 108 | 160 | 409 5 | 124 92 238 32 | |
| 9 | 229 | 677 | 530 5 | 249 209 272 40 | 141 | 675 | 442 5 | 161 121 270 40 | |
| 10 | 128 | 470 | 429 5 | 156 100 312 56 | 226 | 977 | 527 5 | 254 198 310 56 | |
| 11 | 131 | 464 | 432 5 | 141 121 368 20 | 150 | 565 | 451 5 | 161 139 366 22 | |
| | | | | 388 | 1170 | 188 | | 388 | |
| | | | | | | | | 388 | |
| B.M. 49-3 | 2315 | 501 | | | | | | 776 | B.M. 49-3 PALOS VERDES DR. N. & SILVER SPUR RD, SEE F.B. 3700-18 |
| | 1170 | 188 | | | | | | | |
| | 1145 | 313 | | | | | | | |

68° ~~27~~ BREEZE
WEATHER CLEAR INST. NO. 96716
TIME 9:40 ROD NO. 95,96
NOTES CHKD [signature] DATE

F.B. 3799 PG. 92 JOB NO. 030102
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 3-27-30
INDEXED G.J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER OVER CAST 59° INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-25-70 TIME 9:40 TO 10:15 ROD NO. 95896

INDEXED C.J. GALLI DATE APR 8 NOTES CHKD DATE

F.B. 3799 PG. 93

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 49-4 TO 49-5 |
| B.M. 49-4 | | | | | | | B.M. 49-4 |
| 1 | 150 915 | 451 5 | 181 119 62 | 226 490 | 527 5 | 258 194 64 | PALOS VERDES DR. N. & SILVER SADDLE LANE |
| | | | | | | | SEE F.B. 3700-19 |
| 2 | 26 687 | 327 5 | 50 2 48 | 298 067 | 599 5 | 298 ½ 279 38 | |
| 3 | 6 510 | 307 5 | 22 ½ 26 110 38 | 292 987 | 593 5 | 306 278 102 28 | J. MALDONADO |
| 4 | 35 721 | 336 5 | 44 26 142 18 | 255 101 | 556 5 | 270 240 130 30 | |
| 5 | 8 425 | 309 5 | 20 ½ 8 160 24 | 255 812 | 556 5 | 267 243 160 24 | |
| 6 | 36 362 | 337 5 | 49 23 184 26 | 230 408 | 531 5 | 243 217 184 26 | |
| 7 | 35 536 | 336 5 | 60 10 210 50 | 192 759 | 493 5 | 218 166 210 52 | |
| 8 | 211 979 | 512 5 | 239 183 260 56 | 102 243 | 403 5 | 128 76 262 52 | |
| | | | 316 | | | 314 | |
| | 512 135 | | | | | 316 | |
| | | | | 1853 867 | | 630 | |
| B.M. 49-5 | | | | 512 135 | | | B.M. 49-5 |
| | | | | 1341 732 | | | PALOS VERDES DR. N. & CRENSHAW BLVD. |
| | | | | | | | SEE F.B. 3700-21 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3799 PG. 94 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-27-70

INDEXED P.H. GALLI DATE

WEATHER CLEAR 64° INST. NO. 96716

TIME 9:00 TO 9:40 ROD NO. 95,96

NOTES CHKD DATE

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | 3 621 | | | | 3 534 2 | | | | From 49-5 To 49-4 |
| B.M. 49-5 | | | | 176 | | | | 110 | B.M. 49-5 |
| 1 | 151 | 065 | 452.5 | 126 50 | 87 | 084 | 388.5 | 64 46 | PALOS VERDES DR. N. & CRENSHAW BLVD. |
| | | | | | | | | | SEE F.B. 3700-21 |
| 2 | 109 | 612 | 410.5 | 131 87 44 | 183 | 420 | 484.5 | 205 161 44 | |
| | | | | 251 94 | | | | 29 90 | |
| 3 | 234 | 222 | 535.5 | 217 34 | 11 | 763 | 312.5 | ½ 11 36 | |
| | | | | 281 128 | | | | 50 126 | T. R. MOORE |
| 4 | 271 | 834 | 572.5 | 261 20 | 39 | 084 | 340.5 | 28 22 | |
| | | | | 290 148 | | | | 34 148 | |
| 5 | 277 | 536 | 578.5 | 264 26 | 21 | 665 | 322.5 | 8 26 | |
| | | | | 300 174 | | | | 19 174 | |
| 6 | 300 | 032 | 601.5 | ½ 284 32 | 5 | 598 | 306.5 | 5 28 | |
| | | | | 278 206 | | | | 59 202 | |
| 7 | 263 | 020 | 564.5 | 248 30 | 41 | 134 | 342.5 | 23 36 | |
| | | | | 234 236 | | | | 111 238 | |
| 8 | 200 | 374 | 501.5 | 166 68 | 76 | 341 | 377.5 | 41 70 | |
| | | | | 304 | | | | 308 | |
| | | | | | | | | 304 | |
| | 1807 | 695 | | | 466 | 089 | | 612 | |
| B.M. 49-4 | 466 | 089 | | | | | | | B.M. 49-4 |
| | +1371 | 606 | | | | | | | PALOS VERDES DR. N. & SILVER SADDLE LN. |
| | | | | | | | | | SEE F.B. 3700-19 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY Maldonado

INDEXED G.J. GALLI

DATE 3-25-70

DATE

WEATHER Overcast 63°

TIME 10:20 11:

NOTES CHKD.

DATE

INST. NO. 96716

ROD NO. 95, 96

F.B. 3799 PG. 95

T-60°

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS From 49-5 To 49-6 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 49-5 | 65 674 | | | 203 | 35 455 | | | 80 1 | B.M. 49-5 |
| 1 | 176 550 | | 477 5 | 149 54 | 53 067 | | 354 5 | 53 1/2 54 | PALOS VERDES DR. N. & CRENSHAW BLVD. |
| | | | | 248 | | | | 92 | SEE F.B. 3700-21 |
| 2 | 231 757 | | 532 5 | 214 34 | 75 240 | | 376 5 | 58 34 | |
| | | | | 286 88 | | | | 78 88 | |
| 3 | 261 292 | | 562 5 | 236 50 | 53 315 | | 354 5 | 28 50 | |
| | | | | 265 138 | | | | 97 138 | |
| 4 | 239 216 | | 540 5 | 213 52 | 70 118 | | 371 5 | 43 54 | T-Dreier |
| | | | | 173 190 | | | | 244 192 | |
| 5 | 142 222 | | 443 5 | 111 62 | 213 150 | | 514 5 | 182 62 | |
| | | | | 81 252 | | | | 270 254 | |
| 6 | 53 780 | | 354 5 | 25 56 | 243 999 | | 544 5 | 216 54 | |
| | 177 | | | 210 308 | | | | 51 1 308 | |
| 7 | ~~150~~ 387 | | 478 5 | 144 66 | 17 082 | | 318 5 | 17 1/2 68 | |
| | | | | 301 1 374 | | | | 27 1 376 | |
| 8 | 301 981 | | 602 5 | 279 1/2 49 | 6 929 | | 307 5 | 6 1/2 42 | |
| | | | | 294 418 | | | | 418 | |
| 9 | 294 691 | | 595 5 | 273 1/2 42 | 5 385 | | 306 5 | 26 1/2 42 | |
| | | | | 303 460 | | | | 45 460 | |
| 10 | 285 839 | | 586 5 | 267 36 | 27 047 | | 328 5 | 9 36 | |
| | | | | 296 1 496 | | | | 127 496 | |
| 11 | 296 287 | | 597 5 | 276 1/2 40 | 107 763 | | 408 5 | 87 40 | |
| | 2468 002 | | | 536 | 873 095 | | | 536 | |
| | 873 095 | | | | | | | 536 | |
| | + 1587907 | | | | | | | 1072 | BM 49-6 |
| BM 49-6 | | | | | | | | | Palos Verdes Dr. N. & Portuguese Bend Rd. & Rolling Hills Rd. N.W. Cor. |
| | | | | | | | | | See F.B. 1373-12 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3799 Pg. 96 JOB NO. 030602

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-26-70

INDEXED C.J. GALLI DATE

T-62°

WEATHER Overcast INST. NO. 96716

TIME 2:35 to 3:20 ROD NO. 95496

NOTES CHKD DATE

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | | FORESIGHT Right | Mic. | Left | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | From 49-6 To 49-5 |
| B.M. 49-6 | | 5 | | 94 | | | | | 301 | | B.M. 49-6 |
| 1 | 73 | 030 | 374 5 | 52 | 42 | 301 | 143 | 602 5 | 280½ | 42 | PALOS VERDES DR. N. & ROLLING HILLS RD. |
| | | | | 56 | | | | | 292½ | | SEE F.B. 1373-12 |
| 2 | 38 | 905 | 339 5 | 20 | 36 | 292 | 897 | 593 5 | 274½ | 36 | |
| | | | | 45 | 78 | | | | 301½ | 78 | |
| 3 | 24 | 202 | 325 5 | 3 | 42 | 301 | 933 | 602 5 | 280½ | 42 | T-Dreier |
| | | | | 38 | 120 | | | | 292½ | 120 | |
| 4 | 19 | 627 | 320 5 | 0 | 38 | 292 | 642 | 593 5 | 272½ | 40 | |
| | | | | 29½ | 158 | | | | 249 | 160 | |
| 5 | 5 | 728 | 306 5 | 5½ | 48 | 226 | 841 | 527 5 | 203 | 46 | |
| | | | | 250 | 206 | | | | 106 | 206 | |
| 6 | 223 | 942 | 524 5 | 196 | 54 | 80 | 555 | 381 5 | 54 | 52 | |
| | | | | 276 | 260 | | | | 129 | 258 | |
| 7 | 252 | 797 | 553 5 | 228 | 48 | 103 | 071 | 404 5 | ~~78~~ 77 | 52 | |
| | | | | 212 | 308 | | | | 233 | 310 | |
| 8 | 186 | 741 | 487 5 | 160 | 52 | 209 | 905 | 510 5 | 185 | 48 | |
| | | | | 78 | 360 | | | | 296 | 358 | |
| 9 | 49 | 798 | 350 5 | 20 | 58 | 267 | 501 | 568 5 | 238 | 58 | |
| | | | | 79 | 418 | | | | 267 | 416 | |
| 10 | 55 | 008 | 356 5 | 31 | 48 | 242 | 608 | 543 5 | 217 | 50 | |
| | | | | 61 | 466 | | | | 248 | 466 | |
| 11 | 40 | 320 | 341 5 | 19 | 42 | 227 | 929 | 528 5 | 206 | 42 | |
| | | | | 165 | 508 | | | | 176 | 508 | |
| 12 | 158 | 869 | 459 5 | 151 | 14 | 169 | 902 | 470 5 | 162 | 14 | BM 49-5 |
| | | | | | 522 | | | | | 522 | Palos Verdes Dr. N. & Crenshaw |
| | | | | | | | | | | 522 | Blvd. |
| BM 49-5 | 1128 | 967 | | | | 2716 | 947 | | | 1044 | See F.B. 3700-21 |
| | | | | | | 1128 | 967 | | | | |
| | | | | | | 1587 | 960 | | | | |

76P526B CE # 308 8/68

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

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | From BM 49-6 To BM 49-7 |
| BM 49-6 | 44534 | | 241 | 44442 | | 232 | BM 49-6 |
| 1 | 218618 | 519 5 | 195 46 | 212534 | 513 5 | 192 40 | Palos Verdes Dr. N. & Portuguese |
| | | | 40 | | | 301 | Bend Rd. & Rolling Hills Rd. N.W. Cor. |
| 2 | 26562 | 327 5 | 12 28 | 284660 | 585 5 | 267 34 | 1373-12 |
| | | | 83 74 | | | 284 74 | |
| 3 | 65659 | 366 5 | 47 36 | 265501 | 566 5 | 246 38 | |
| | | | 88 110 | | | 178 112 | |
| 4 | 63861 | 364 5 | 38 50 | 154116 | 455 5 | 130 48 | T-Dreier |
| | | | 231 160 | | | 187 160 | |
| 5 | 202353 | 503 5 | 173 58 | 159164 | 460 5 | 131 56 | |
| | | | 207 218 | | | 149 216 | |
| 6 | 181413 | 482 5 | 155 52 | 122350 | 423 5 | 93 56 | |
| | | | 194 270 | 155 672 | | 187 272 | |
| 7 | 162318 | 463 5 | 130 64 | ~~62 155~~ | 456 5 | 123 64 | |
| | | | 163 334 | | | 247 336 | |
| 8 | 132737 | 433 5 | 101 62 | 217183 | 518 5 | 187 60 | |
| | | | 161 396 | | | 228 396 | |
| 9 | 134351 | 435 5 | 107 54 | 201550 | 502 5 | 174 54 | |
| | | | 156 450 | | | 186 450 | |
| 10 | 124825 | 425 5 | 92 64 | 154520 | 455 5 | 122 64 | |
| | | | 514 | | | 514 | |
| | | | | | | 514 | |
| | 1312697 | | | 1927250 | | 1028 | |
| | | | | 1312697 | | | |
| | | | | 614553 | | | |
| BM 49-7 | | | | | | | BM 49-7 |
| | | | | | | | Palos Verdes Dr. N. & Strawberry |
| | | | | | | | Lane. N.W. Cor. |
| | | | | | | | See F.B. 1373-13 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier DATE 3-25-70 WEATHER Sunny & Calm INST. NO. 96716

NOTES BY Maldonado TIME 11:10 to 11:50 ROD NO. 95, 96

INDEXED D.J. GALLI DATE APR 8 NOTES CHKD DATE

T-68° F.B. 3799 PG. 97

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-7 TO 49-6 |
| B.M. 49-7 | 574 | 43 | | 127 | 455 | 53 | | 164 | B.M. 49-7 |
| 1 | 110 | 577 | 411 5 | 93 34 | 147 | 350 | 448 5 | 130 34 | PALOS VERDES DR. N. & STRAWBERRY LN. |
| | | | | 217 | | | | 141 | SEE F.B. 1373-13 |
| 2 | 190 | 001 | 491 5 | 163 54 | 114 | 398 | 415 5 | 87 54 | |
| | | | | 281 88 | | | | 154 88 | |
| 3 | 151 | 704 | 452 5 | 121 60 | 124 | 940 | 425 5 | 94 60 | |
| | | | | 200 148 | | | | 132 148 | ⊼ - Dreier |
| 4 | 170 | 412 | 471 5 | 140 60 | 101 | 356 | 402 5 | 70 62 | |
| | | | | 187 208 | | | | 204 210 | |
| 5 | 153 | 060 | 454 5 | 119 68 | 171 | 690 | 472 5 | 138 66 | |
| | | | | 173 276 | | | | 232 276 | |
| 6 | 139 | 342 | 440 5 | 105 68 | 198 | 427 | 499 5 | 164 68 | |
| | | | | 215 344 | | | | 96 344 | |
| 7 | 185 | 427 | 486 5 | 155 60 | ~~67~~ 66 | 796 | 367 5 | 36 60 | |
| | | | | 283 404 | | | | 63 404 | |
| 8 | 265 | 911 | 566 5 | 247 36 | 45 | 410 | 346 5 | 27 36 | |
| | | | | 302 440 | | | | 67 440 | |
| 9 | 284 | 793 | 585 5 | 266 36 | 49 | 323 | 350 5 | 31 36 | |
| | | | | 222 476 | | | | 239 476 | |
| 10 | 206 | 694 | 507 5 | 190 32 | 223 | 628 | 524 5 | 207 32 | |
| | | | | 508 | | | | 508 | |
| | | | | | | | | 508 | |
| | 1857 | 921 | | | 1243 | 318 | | 1016 | |
| | 1243 | 318 | | | | | | | BM 49-6 |
| | +614 | 603 | | | | | | | Palos Verdes Dr. N., Portuguese Bend Rd., & Rolling Hills Rd. N.W. Cor. |
| BM 49-6 | | | | | | | | | See F.B. 1373-12 |

F.B. 3799 PG. 98 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES Maldonado 3-26-70

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 2:00 to 2:30 ROD NO. 95,96

NOTES CHKD [signature] DATE

T-60°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-7 TO 49-12 |
| B.M. 49-7 | | | | | | | | | B.M. 49-7 |
| 1 | 28 | 768 | 329 5 | 51 5 46 | 285 | 703 | 586 5 | 306 264 42 | PALOS VERDES DR. N. & STRAWBERRY LANE |
| | | | | | | | | | SEE F.B. ~~3700~~ 1373-13 |
| 2 | 28 | 090 | 329 5 | 41 15 26 | 276 | 939 | 577 5 | 291 261 30 | |
| | | | | 72 | | | | 72 | |
| 3 | 22 | 899 | 323 5 | 41 3 38 | 301 | 119 | 602 5 | 1/2 301 284 34 | ⊼ R. SIEMANN |
| | | | | 110 | | | | 106 | |
| 4 | 16 | 481 | 317 5 | 32 0 32 | 299 | 560 | 600 5 | 1/2 299 282 34 | |
| | | | | 142 | | | | 140 | |
| 5 | 11 | 381 | 312 5 | 1/2 28 11 34 | 292 | 388 | 593 5 | 292 274 36 | |
| | | | | 176 | | | | 176 | |
| 6 | 37 | 112 | 338 5 | 53 21 32 | 257 | 167 | 558 5 | 275 239 36 | |
| | | | | 208 | | | | 212 | |
| 7 | 30 | 095 | 331 5 | 45 15 30 | 229 | 871 | 530 5 | 242 216 26 | |
| | | | | 238 | | | | 238 | |
| B.M. 49-12 8 | 123 | 285 | 424 5 | 128 118 10 | 237 | 332 | 538 5 | 242 232 10 | B.M. 49-12 |
| | | | | 248 | | | | 248 | PALOS VERDES DR. N., E. OF DAPPLEGREY LANE |
| | | | | | | | | 248 | SEE F.B. 3700-27 |
| | 298 | 111 | | | 2180 | 079 | | 496 | |
| | | | | | 298 | 111 | | | |
| | | | | | 1881 | 968 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 67°

SURVEY BY G.E. DREIER WEATHER SUN - HAZE INST. NO 96716

NOTES BY G.E. DREIER DATE 3-25-70 TIME 1:10 TO 1:45 ROD NO 95,96

INDEXED C.J. GALLI DATE APR 8 '70 NOTES CHKD [illegible] DATE

F.B. 3799 PG. 99

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 100 JOB NO. 0306.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-26-70

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 60° INST. NO. 96716

TIME 1:30 TO ROD NO. 95-96

NOTES CHKD DATE

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-12 TO 49-7 |
| B.M. 49-12 | | | | | | | | | B.M. 49-12 |
| 1 | 258 070 | | 559 5 | 273 243 30 | 70 880 | | 371 5 | 84 56 28 | PALOS VERDES DR. N. & E. OF DAPPLEGREY LN. |
| | | | | | | | | | SEE F.B. 3700-27 |
| 2 | 290 683 | | 591 5 | 290 272 36 | 26 209 | | 327 5 | 43 9 34 | |
| | | | | | | | | 62 | |
| 3 | 285 178 | | 586 5 | 301 66 269 32 | 18 048 | | 319 5 | 36 0 36 | |
| | | | | | | | | | T R. SIEMANN |
| 4 | 296 572 | | 597 5 | 296 98 ½ 279 34 | 24 033 | | 325 5 | 41 7 34 | |
| | | | | | | | | 98 | |
| 5 | 295 481 | | 596 5 | 295 132 ½ 280 30 | 18 948 | | 319 5 | 33 3 30 | |
| | | | | | | | | 132 | |
| 6 | 285 267 | | 586 5 | 301 162 269 32 | 39 228 | | 340 5 | 55 23 32 | |
| | | | | | | | | 162 | |
| 7 | 291 831 | | 592 5 | 307 194 275 32 | 47 914 | | 348 5 | 63 31 32 | |
| | | | | | | | | 194 | |
| 8 | 212 675 | | 513 5 | 221 226 203 18 | 88 510 | | 389 5 | 97 79 18 | |
| | | | | | | | | 226 | |
| | | | | 244 | | | | 244 | |
| | | | | | | | | 244 | |
| | 2215757 | | | | 333 770 | | | 488 | |
| | 333770 | | | | | | | | |
| B.M. 49-7 | +1881987 | | | | | | | | B.M. 49-7 |
| | | | | | | | | | PALOS VERDES DR. N. & STRAWBERRY LN. |
| | | | | | | | | | SEE F.B. 1373-13 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES BY G.E. DREIER DATE 3-25-70 WEATHER 68° CLEAR

INDEXED G.J. GALLI DATE APR 8 70 TIME 1:45 TO NOTES CHKD DATE INST. NO 96716 ROD NO. 95, 96

F.B. 3799 PG. 101

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 49-12 TO 36-2A |
| B.M. 49-12 | | | | | | | B.M. 49-12 |
| 1 | 41 418 | 342 5 | 64<br>18 46 | 300 681 | 601 5 | 300<br>½ 280 40 | PALOS VERDES DR. N. & E. of DAPPLEGREY LANE |
| | | | | | | | SEE F.B. 3700-27 |
| 2 | 9 670 | 310 5 | 29<br>½ 9 40<br>86 | 299 860 | 600 5 | 299<br>½ 276 46<br>86 | |
| 3 | 49 670 | 350 5 | 70<br>28 42<br>128 | 288 455 | 589 5 | 288<br>½ 267 42<br>128 | T R. SIEMANN |
| 4 | 67 908 | 368 5 | 79<br>55 24<br>152 | 200 749 | 501 5 | 211<br>189 22<br>150 | |
| B.M. 36-2A | | | | | | 152<br>302 | B.M. 36-2A |
| | 168 666 | | | 1089 745<br>168 666 | | | NAR BONNE AVE., PALOS VERDES D.E., & PALOS VERDES DR. N. |
| | | | | 9210 79 | | | SEE F.B. 3700-69 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 102 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PREIER NOTES PREIER 3-26-1970

INDEXED C.J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 1:10 TO 1:30 ROD NO. 95,96

NOTES CHKD DATE

59°

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 36-2A TO 49-12 |
| B.M. 36-2A | | | 291 | | | 79 | B.M. 36-2A |
| 1 | 274 850 | 575 5 | 257 34 | 62 509 | 363 5 | 45 34 | NARBONNE AVE, P.V.DR.E. & PALOS VERDES DR.N. |
| | | | | | | | SEE F.B. 3700-69 |
| 2 | 301 790 | 602 5 | 301 280 42 | 25 850 | 326 5 | 46 4 42 | |
| 3 | 290 380 | 591 5 | 290 270 76 40 | 13 904 | 314 5 | 33 213 76 40 | ⊼ R. SIEMANN |
| 4 | 273 293 | 574 5 | 289 257 116 32 | 116 961 | 417 5 | 131 99 116 32 | |
| | | | 148 | | | 148 | |
| B.M. 49-12 | | | | | | 148 | B.M. 49-12 |
| | 1140 313 | | | 219 224 | | 296 | PALOS VERDES DR.N., E. OF DAPPLEGREY LN. |
| | 219 224 | | | | | | SEE F.B. 3700-27 |
| | +921 089 | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 36-2A TO 49-13 |
| B.M. 36-2A | | | | | | | | | B.M. 36-2A |
| 1 | 74 | 133 | 375 5 | 89 59 30 | 263 | 461 | 564 5 | 278 248 30 | NARBONNE AVE., P.V. DR. E., & PALOS VERDES DR. N. |
| | | | | | | | | | SEE F.B. 3700-69 |
| 2 | 21 | 625 | 322 5 | 40 2 38 | 284 | 551 | 585 5 | 303 265 38 | |
| | | | | 68 | | | | 68 | |
| 3 | 15 | 287 | 316 5 | 1/2 39 15 48 | 250 | 480 | 551 5 | 272 228 44 | |
| | | | | 116 | | | | 112 | ⊼ R. SIEMANN |
| 4 | 39 | 922 | 340 5 | 64 14 50 | 260 | 921 | 561 5 | 287 233 54 | |
| | | | | 166 | | | | 166 | |
| 5 | 47 | 643 | 348 5 | 72 22 50 | 249 | 522 | 550 5 | 274 224 50 | |
| | | | | 216 | | | | 216 | |
| 6 | 28 | 269 | 329 5 | 54 2 52 | 270 | 280 | 571 5 | 296 244 52 | |
| | | | | 268 | | | | 268 | |
| 7 | 17 | 815 | 318 5 | 1/2 42 17 50 | 267 | 248 | 568 5 | 292 242 50 | |
| | | | | 318 | | | | 318 | |
| 8 | 18 | 168 | 319 5 | 1/2 43 18 50 | 217 | 712 | 518 5 | 242 192 50 | |
| | | | | 368 | | | | 368 | |
| 9 | 113 | 650 | 414 5 | 128 98 30 | 159 | 722 | 460 5 | 173 145 28 | |
| | | | | 398 | | | | 396 | |
| B.M. 49-13 | | | | | | | | 398 | B.M. 49-13 |
| | 376 | 512 | | | 2223 | 897 | | 794 | PALOS VERDES DR. N., 0.5 MI. E. OF |
| | | | | | 376 | 512 | | | PALOS VERDES DR. E. |
| | | | | | 1847 | 385 | | | SEE F.B. 3700-29 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 71°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-25-70 WEATHER CLEAR INST. NO 96716

INDEXED C.J. GALLI DATE APR 8 70 TIME 2:00 PM 2:30 ROD NO. 95,96

NOTES CHKD [illegible] DATE

F.B. 3799 PG. 103

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 104 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-26-70

INDEXED C.J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 11:25 TO 12:08 ROD NO. 95, 96

NOTES CHKD DATE

61°

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-13 TO 36-2A |
| B.M. 49-13 | | | | | | | | | B.M. 49-13 |
| 1 | 163 | 381 | 464.5 | 191 135 56 | 63 | 664 | 364.5 | 91 35 56 | 0.5 MI. E. OF PALOS VERDES DR. N. & P.V. DR. E. ℄ |
| | | | | | | | | | SEE F.B. 3700-39 |
| 2 | 296 | 358 | 597.5 | 296 ½ 266 60 | 10 | 389 | 311.5 | 40 ½ 10 60 | |
| 3 | 282 | 885 | 583.5 | 282 ½ 256 52 186 | 14 | 656 | 315.5 | 42 ½ 14 56 116 | |
| 4 | 264 | 099 | 565.5 | 289 239 50 168 | 53 | 383 | 354.5 | 77 29 48 172 | ⊼ R. SIEMANN |
| 5 | 285 | 087 | 586.5 | 285 ½ 256 58 218 | 15 | 035 | 316.5 | 44 ½ 15 58 220 | |
| 6 | 300 | 705 | 601.5 | 300 ½ 274 52 276 | 43 | 537 | 344.5 | 67 19 48 278 | |
| 7 | 299 | 288 | 600.5 | 299 ½ 275 48 328 | 34 | 433 | 335.5 | 59 9 50 326 | |
| 8 | 255 | 611 | 556.5 | 271 239 32 376 | 64 | 951 | 365.5 | 80 48 32 376 | |
| | | | | 468 | | | | 408 | |
| B.M. 36-2A | | | | | | | | 408 | B.M. 36-2A |
| | 2147 | 414 ✓ | | | 300 | 048 ✓ | | 816 | PALOS VERDES DR. EAST, NARBONNE AVE., & PALOS VERDES DR. NORTH ℄ |
| | 300 | 048 ✓ | | | | | | | SEE F.B. 3700-69 |
| | 1847 | 366 ✓ | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 49-13 TO 49-8A |
| B.M. 49-13 | | | | | | | | | B.M. 49-13 |
| 1 | 154 | 193 | 455 5 | 168 140 28 | 96 | 394 | 397 5 | 110 82 28 | PALOS VERDES DR. N, 0.5 mi. E. of P.V. DR. E |
| | | | | | | | | | SEE F.B. 3700-29 |
| 2 | 251 | 271 | 552 5 | 263 239 24 52 | 29 | 983 | 330 5 | 41 17 24 52 | |
| 3 | 277 | 141 | 578 5 | 289 265 24 76 | 11 | 535 | 312 5 | 23 -1 24 76 | T. J. MALDONADO |
| 4 | 291 | 869 | 592 5 | 304 278 26 102 | 43 | 594 | 344 5 | 56 30 26 102 | |
| 5 | 225 | 921 | 526 5 | 246 204 42 144 | 131 | 567 | 432 5 | 152 110 42 144 | |
| 6 | 115 | 038 | 416 5 | 137 93 44 188 | 294 | 270 | 595 5 | 294 272 44 188 | |
| B.M. 49-8A | | | | | | | | 188 376 | B.M. 49-8A |
| | 131 | 5433 | | | 607 | 343 | | | PALOS VERDES DR. N. & ROLLING VISTA DR. |
| | 607 | 343 | | | | | | | SEE F.B. 3700-32 |
| | +808 | 090 | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 3-25-70 WEATHER CLEAR 75°

NOTES BY G.E. DREIER TIME 2:30 TO 3:05 INST. NO. 96716

INDEXED C.J. GALLI DATE APR 8 70 NOTES CHKD DATE ROD NO. 95 & 96

F.B. 3799 PG. 105

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 49-8A TO 49-13 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 49-8A | | | | | | | | | B.M. 49-8A |
| 1 | 263 | 308 | 564 5 | 294 232 62 | 86 | 330 | 387 5 | 112 60 52 | PALOS VERDES DR. N & ROLLING VISTA |
| | | | | | | | | | SEE F.B. 3700-32 |
| 2 | 135 | 923 | 436 5 | 146 124 22 | 212 | 410 | 513 5 | 228 196 32 | |
| | | | | 84 | | | | 84 | |
| 3 | 30 | 478 | 331 5 | 44 16 28 | 293 | 252 | 594 5 | 308 279 29 | |
| | | | | 112 | | | | 113 | ⊼ J. MALDONADO |
| 4 | 19 | 098 | 320 5 | 31 7 24 | 275 | 603 | 576 5 | 286 263 23 | |
| | | | | 136 | | | | 136 | |
| 5 | 5 | 948 | 306 5 | 20 ½ 5 30 | 255 | 676 | 556 5 | 271 239 34 | |
| | | | | 166 | | | | 170 | |
| 6 | 102 | 771 | 403 5 | 118 86 32 | 142 | 412 | 443 5 | 156 128 28 | |
| | | | | 198 | | | | 198 | |
| B.M. 49-13 | | | | | | | | 198 | B.M. 49-13 |
| | 557 | 526 | | | 1265 | 683 | | 396 | PALOS VERDES DR. N. 0.5 MI. E. OF |
| | | | | | 557 | 526 | | | P.V. DR. EAST |
| | | | | | 708 | 157 | | | SEE F.B. 3700-29 |

F.B. 3799 PG. 106

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 3-26-70

INDEXED D.J. GALLI DATE

WEATHER THIN OVERCAST INST. NO. 96716

TIME 11:00 TO ROD NO. 95, 96

NOTES CHKD DATE

62°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-25-70 TIME 8:30 TO 9:15 WEATHER OVERCAST 59° INST. NO. 96716

INDEXED C.J. GALLI DATE APR 8 70 NOTES CHKD DATE ROD NO. 95896

F.B. 3799 PG. 107

| STATION | BACKSIGHT | | | FORESIGHT | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | RIGHT MIC. | LEFT. | STADIA | FROM 49-8A TO 49-14 |
| B.M. 49-8A | | | | | | | B.M. 49-8A |
| 1 | 79 310 | 380 5 | 98<br>60 38 | 298 262 | 599 5 | 1298<br>2280 36 | PALOS VERDES DR. N. & ROLLING VISTA DR. |
| | | | | | | | SEE F.B. 3700-32 |
| 2 | 4 249 | 305 5 | 20<br>4 32 | 287 422 | 588 5 | 303<br>271 32 | |
| 3 | 20 152 | 321 5 | 37 70<br>3 34 | 296 490 | 597 5 | 296 68<br>280 32 | T J. MALDONADO |
| 4 | 11 371 | 312 5 | 24 104<br>-2 26 | 289 732 | 590 5 | 303 100<br>275 28 | |
| 5 | 4 712 | 305 5 | 16 130<br>½ 4 24 | 283 251 | 584 5 | 295 128<br>271 24 | |
| 6 | 6 566 | 307 5 | 154<br>½ 20 6 28 | 298 716 | 599 5 | 152<br>½ 298 284 28 | |
| 7 | 3 888 | 304 5 | 182<br>½ 16 3 26 | 293 344 | 594 5 | 180<br>306 280 26 | |
| 8 | 27 981 | 328 5 | 38 208<br>16 22 | 293 838 | 594 5 | 206<br>307 279 28 | |
| 9 | 3 755 | 304 5 | 230<br>½ 18 3 30 | 267 943 | 568 5 | 234<br>279 255 24 | |
| 10 | 30 392 | 331 5 | 260<br>50 10 40 | 296 410 | 597 5 | 258<br>½ 296 276 40 | |
| | | | 300 | | | 298<br>300 | |
| | 192 376 | | | 2905 408 | | 598 | |
| B.M. 49-14 | | | | 192 376 | | | B.M. 49-14 |
| | | | | -2713 032 | | | PALOS VERDES DR. N. & WESTERN AVE, N.W. COR. |
| | | | | | | | SEE F.B. 3700-33 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 49-14 TO 49-8A |
| B.M. 49-14 | | | | | | | | | B.M. 49-14 |
| 1 | 267 | 972 | 568 5 | 283 / 251 32 | 52 | 142 | 353 5 | 67 / 37 30 | PALOS VERDES DR. N. & WESTERN AVE. N.W.C. |
| | | | | | | | | | SEE F.B. 3700-33 |
| 2 | 300 | 245 | 601 5 | 300 / ½ 285 30 | 7 | 378 | 308 5 | 21 / ½ 7 28 | |
| | | | | 62 | | | | 58 | |
| 3 | 274 | 720 | 575 5 | 284 / 264 20 | 20 | 090 | 321 5 | 32 / 8 24 | |
| | | | | 82 | | | | 82 | ⊼ J. MALDONADO |
| 4 | 266 | 545 | 567 5 | 276 / 256 20 | 29 | 277 | 330 5 | 40 / 18 22 | |
| | | | | 102 | | | | 104 | |
| 5 | 300 | 847 | 601 5 | 300 / ½ 288 24 | 4 | 834 | 303 5 | 14 / ½ 4 20 | |
| | | | | 126 | | | | 124 | |
| 6 | 253 | 257 | 554 5 | 263 / 243 20 | 50 | 889 | 351 5 | 60 / 40 20 | |
| | | | | 146 | | | | 144 | |
| 7 | 261 | 862 | 562 5 | 272 / 250 22 | 36 | 719 | 337 5 | 47 / 25 22 | |
| | | | | 168 | | | | 166 | |
| 8 | 266 | 369 | 567 5 | 278 / 254 24 | 30 | 059 | 331 5 | 42 / 18 24 | |
| | | | | 192 | | | | 190 | |
| 9 | 295 | 012 | 596 5 | 295 / ½ 274 42 | 12 | 310 | 313 5 | 34 / ½ 12 44 | |
| | | | | 234 | | | | 234 | |
| 10 | 297 | 641 | 598 5 | 297 / ½ 276 42 | 8 | 929 | 309 5 | 25 / ½ 8 34 | |
| | | | | 276 | | | | 268 | |
| 11 | 267 | 943 | 568 5 | 282 / 252 30 | 86 | 763 | 387 5 | 101 / 71 30 | |
| | | | | 306 | | | | 298 | |
| B.M. 49-8A | | | | | | | | 306 | |
| | | | | | | | | 604 | |
| | 3052 | 413 | | | 3~~4~~9 | 390 | | | |
| | 3~~4~~9 | 390 | | | 3 | | | | |
| | +2713 | 023 | | | | | | | |

F.B. 3799 PG. 108

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 3-26-70

INDEXED C.J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:15 TO 11:00 ROD NO. 95-96

NOTES CHKD [illegible] DATE APR 6 '70

60°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-26-70 WEATHER Overcast INST. NO. 96716

INDEXED C.J. GALLI DATE APR 8 TIME 9:20 to 9:35 ROD NO. 95896

NOTES CHKD DATE

T-610

F.B. 3799 Pg. 109

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS From 49-14 To 35-2B |
|---|---|---|---|---|---|---|---|
| B.M. 49-14 | 3 3 33 | | 34 | 3 2 2 2 | | 299 | B.M. 49-14 |
| 1 | 19 138 | 320 5 | 4 30 | 284 811 | 585 5 | 269 30 | PALOS VERDES DR. N. & WESTERN AVE. |
| | | | 35 | | | 301 | SEE F.B. 3700-33 |
| 2 | 17 277 | 318 5 | 1 32 | 301 223 | 602 5 | 285 232 | |
| | | | 19 62 | | | 290 62 | |
| 3 | 3 781 | 304 5 | 3 1/2 32 | 275 640 | 576 5 | 260 30 | |
| | | | 25 94 | | | 302 92 | T-Dreier |
| 4 | 10 947 | 311 5 | 10 1/2 30 | 286 160 | 587 5 | 270 32 | |
| | | | 33 124 | | | 265 ~~188~~ 124 | |
| 5 | 19 487 | 320 5 | 5 28 | 251 240 | 552 5 | 237 28 | |
| | | | 95 152 | | | 242 152 | |
| 6 | 87 753 | 388 5 | 79 16 | 234 492 | 535 5 | 226 16 | |
| | | | 168 | | | 168 | |
| | | | | | | 168 | |
| | 158 383 | | | 1633 566 | | 336 | |
| | | | | 158 383 | | | |
| | | | | 1475 183 | | | |
| | | | | | | | BM 35-2B |
| | | | | | | | Western Ave. & 281 Ft. So. of Hillcrest St. (W. Curb). |
| 35-2B | | | | | | | See F.B. |

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Do not extend notes this side of this line.

F.B. 3799 PG. 110 JOB NO 030.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-26-70

INDEXED C.T. GALE DATE

WEATHER Overcast INST. NO. 96716

TIME 9:55 to ROD NO. 95.96

NOTES CHKD DATE

T-60°

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 35-2B TO 49-14 |
| B.M. 35-2B | 431 3 | | 300 | 2222 | | 49 | B.M. 35-2B W. CURB |
| 1 | 286 213 | 587 5 | 272 28 | 35 098 | 336 5 | 21 28 | WESTERN AVE 281 FT. S. OF HILLCREST |
| | | | 282 | | | 54 | SEE F.B. 1356-41 |
| 2 | 268 290 | 569 5 | 254 28 | 40 441 | 341 5 | 26 28 | |
| | | | 294 1 56 | | | 20 1 56 | |
| 3 | 294 174 | 595 5 | 279 2 30 | 5 803 | 306 5 | 5 2 30 | x-Dreier |
| | | | 281 86 | | | 51 86 | |
| 4 | 267 130 | 568 5 | 253 28 | 36 237 | 337 5 | 21 30 | |
| | | | 307 114 | | | 31 116 | |
| 5 | 292 561 | 593 5 | 277 30 | 17 221 | 318 5 | 3 28 | |
| | | | 284 144 | | | 82 144 | |
| 6 | 272 366 | 573 5 | 260 24 | 70 891 | 371 5 | 58 24 | |
| | | | 168 | | | 168 | |
| | | | | | | 168 | |
| | 1680 734 | | | 205 691 | | 336 | |
| | 205 691 | | | | | | |
| | +1475 043 | | | | | | |
| | | | | | | | BM 49-14 |
| | | | | | | | Palos Verdes Dr. N. & Western Ave. N.W. Cor. |
| BM 49-14 | | | | | | | See F.B. 3700-33 |

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 35-2B TO 35-2 |
| B.M. 35-2B | | | | | | | | | B.M. 35-2B (W. CURB) |
| | | | | 228 | | | | 238 | WESTERN AVE, 281 FT. S. OF HILLCREST |
| 1 | 220 | 197 | 521 5 | 212 16 | 230 | 781 | 531 5 | 222 16 | SEE F.B. 1356-41 |
| | | | | | | | | 16 | |
| | | | | | 220 | 197 | | 32 | |
| | | | | | 10584 | | | | |
| B.M. 35-2 | | | | | | | | | B.M. 35-2 (℄) |
| | | | | | | | | | WESTERN AVE, 281 FT. S. OF HILLCREST |
| | | | | | | | | | SEE F.B. 1356-8 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-60°

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 3-26-70 WEATHER Overcast INST. NO. 96716

INDEXED C.J. GALLI DATE APR 8 '70 TIME 9:35 to 9:40 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

F.B. 3799 PG. 111

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 35-2 TO 35-2B |
| B.M. 35-2 | | | | | | | | | B.M. 35-2 |
| | | | | 239 | | | | 229 | WESTERN AVE., 281 FT. S. OF HILLCREST, ℄ |
| 1 | 231 | 785 | 532.5 | 223.16 | 221 | 241 | 522.5 | 213.16 | SEE F.B. 1356-8 |
| | | | | | | | | 16 | |
| | 221 | 241 | | | | | | 32 | |
| | +10 | 544 | | | | | | | |
| B.M. 35-2B | | | | | | | | | B.M. 35-2B |
| | | | | | | | | | WESTERN AVE., 281 FT. S. OF HILLCREST W. CURB |
| | | | | | | | | | SEE F.B. 1356-41 |

F.B. 3799 PG. 112 JOB NO. 030602

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-26-70

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 9:50 to 9:55 ROD NO. 9596

NOTES CHKD [illegible] DATE 6

T-C

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | FORESIGHT | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | RIGHT MIC. | LEFT. | STADIA | FROM 35-2 TO 35-2A |
| B.M. 35-2 | | | | | | | B.M. 35-2 |
| | | | 68 | | | 296 | WESTERN AVE., 281 FT. S. OF HILLCREST (℄) |
| 1 | 537 740 | 354 5 | 38 30 | 296 410 | 597 5 | 281½ 30 | AVE. |
| | | | 104 | | | 251 | SEE F.B. 1356-8 |
| 2 | 97 100 | 398 5 | 90 14 | 244 413 | 545 5 | 237 14 | |
| | | | 44 | | | 44 | |
| | | | | | | 44 | |
| | 150 840 | | | 540 823 | | 88 | T-Dreier |
| | | | | 150 840 | | | |
| | | | | 389 983 | | | BM 35-2A |
| | | | | | | | Western Ave. & Hillcrest Ave. |
| BM 35-2A | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 3-26-70 WEATHER Overcast INST. NO. 26716

INDEXED C. J. GALLI DATE APR 8 TIME 9:40 to 9:45 ROD NO. 25896

NOTES CHKD DATE

T-CQ

F.B. 3799 PG. 113

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 35-2A TO 35-2 |
| B.M. 35-2A | | | | 286 | | | | 86 | B.M. 35-2A |
| 1 | 277 | 684 | 578 5 | 268 18 | 77 | 876 | 378 5 | 68 18 | WESTERN AVE. & HILLCREST AVE., ℄ |
| | | | | 284 | | | | 94 | SEE F.B. 1356-8 |
| 2 | 271 | 681 | 572 5 | 258 26 | 81 | 483 | 382 5 | 68 26 | |
| | | | | 44 | | | | 44 | |
| | | | | | | | | 44 | π-Dreier |
| | 549 | 365 | | | 159 | 359 | | 88 | |
| | 159 | 359 | | | | | | | |
| | +390 | 006 | | | | | | | BM 35-2 |
| BM 35-2 | | | | | | | | | Western Ave. & |

T-60°

F.B. 3799 PG. 114 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-26-70

INDEXED C.J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 9:45 to 9:50 ROD NO. 95,96

NOTES CHKD [illegible] DATE

| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. PRECISE LEVEL NET F. B. 3799 PG. 121 |
| Map No. | JN 0301.02 Tape Std °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date APR. 1970 |
| Date | Indexed C. J. GALLI MAY 11 '70 |

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET
LINE NO. 50

1970 RELEVELING

DESCRIPTIONS IN
F.B. 2400
F.B. 3704

DREIER
MALDONADO
SIEMANN
McKNIGHT

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

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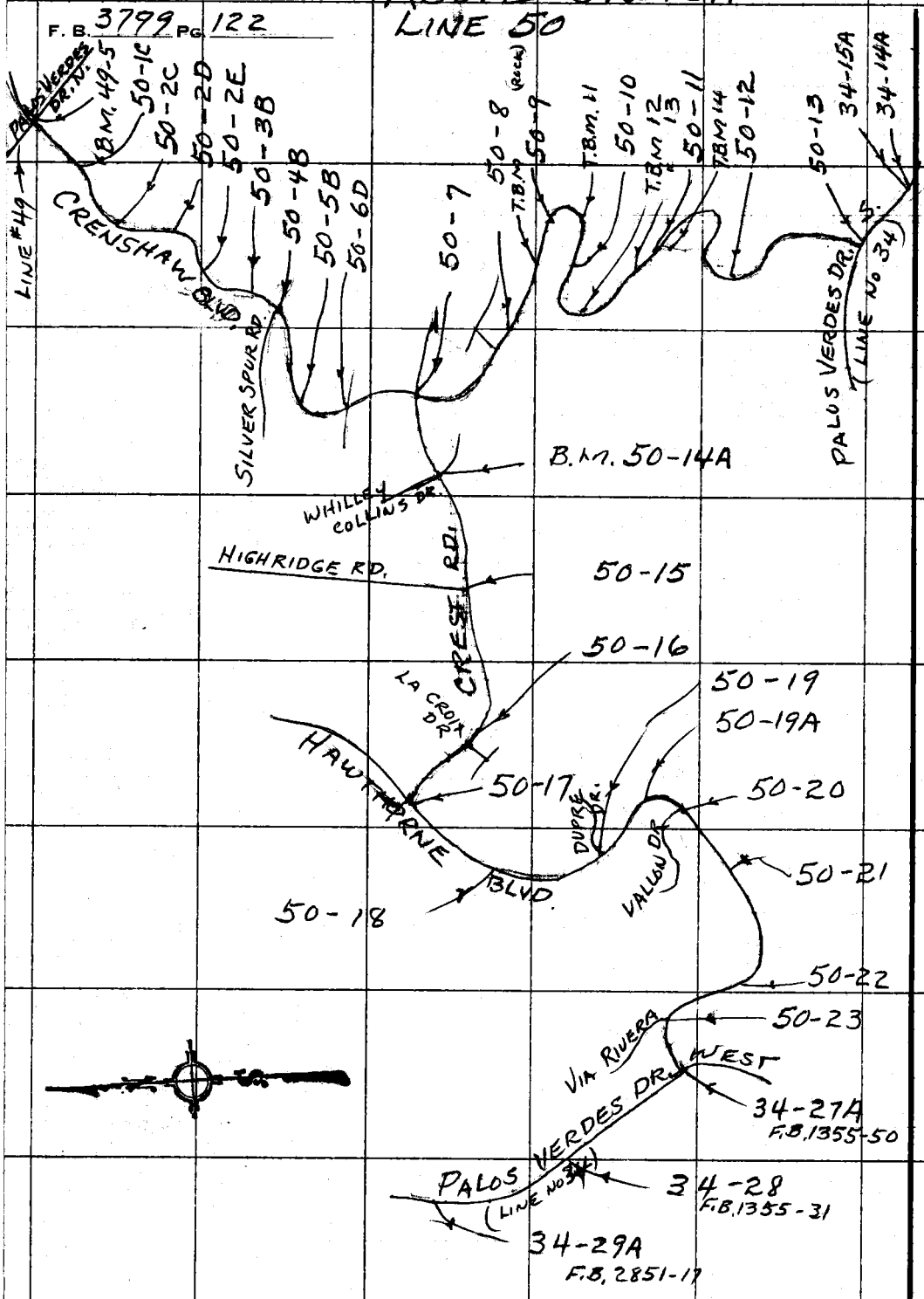
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

# ROUTE SKETCH
## LINE 50

F. B. 3799 PG. 122

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66

SURVEY BY G. E. DREIER WEATHER WINDY INST. NO. 96716

NOTES BY SIEMANN DATE 4-1-70 TIME 3:00 TO 3:10 ROD NO. 95696

INDEXED G. J. GALLI DATE MAY 11 '70 NOTES CHKD. DATE

F.B. 3799 PG. 123

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 170 | 4~~72~~ 00 | 471 5 | 172 168 4 | 200 | 240 | 501 5 | 227 173 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 161 | 764 | 462 5 | 163 159 4 | 131 | 854 | 432 5 | 158 104 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 332 | 164 | | | 332 | 094 | | 08 | |
| | | ~~094~~ | | 8 | | 0.40 mm | | 8 | Curvature Corr.=0.40 mm |
| | + | ~~070~~ | | | -0.0 | | | | |
| | | 054 | | | | 054 | | 100 | |
| | | 110 | | | - | | | | |

+ .007 mm= "C"

400 / ~~0.700~~

+ .011 mm = "C"

100 / 1.10

mm = "C"

76P528B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 74°
SURVEY BY G. E. DREGIER WEATHER Breeze - CLEAR INST. NO. 96716
NOTES BY S. GERMANN DATE 4-2-70 TIME 8:35 TO 8:45 ROD NO. 95496
INDEXED G. J. GALLI DATE NOTES CHKD. DATE
F.B. 3799 PG. 125

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS From — To |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 172 | 191 | 473 | 5 174 170 4 | 20 9 | 019 | 500 | 5 236 182 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 164 | 557 | 465 | 5 166 162 4 | 127 | 650 | 428 | 5 154 100 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 336748 | | | 8 | 336269 | | | 108 | |
| | 336629 | | | | | 040 mm | | 8 | Curvature Corr.=0.40 mm |
| | + | 119 | | | -0 | ~~mm~~ | | | |
| | | | | | 336629 | | | 100 | |
| | | | | | - | | | | |
| | | +0.012 | | mm= "C" | | | | | |
| | 100/ | 1.19 | | | | | | | |
| | | | | | | | mm= "C" | | |

76P526B CE # 308 8-59

PLEASE RETURN TO

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT | STADIA | RIGHT | MIC. | LEFT | STADIA | FROM ____ TO ____ |
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 139 | 670 | 440 5 | 141 / 137 4 | 135 | 040 | 436 5 | 162 / 108 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 177 | 902 | 478 5 | 179 / 175 4 | 182 | 485 | 483 5 | 209 / 155 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 317 | 572 | | 8 | 317 | 525 | | 108 | |
| | 317 | 485 | | | | 040 | | 8 | Curvature Corr.=0.40 mm |
| | + | 087 | | | -0. | mm | | | |
| | | | | | | 485 | | 100 | |
| | | | | | - | | | | |
| | | + 008 mm= "C" | | | | | | | |
| | 100/ | 0.87 | | | | | | | |
| | | | | | | mm= "C" | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=64°

SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO. 96716

NOTES BY SIEMANN DATE 4-[illegible]-70 TIME 8:35 TO 845 ROD NO. 95796

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 3799 PG. 127

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=66°

SURVEY BY G.E. DREIER WEATHER 67 BREEZE INST. NO. 96716

NOTES BY SIEMANN DATE 4-6-70 TIME 8:40 TO 8:60 ROD NO. 75896

INDEXED C.J. GALLI DATE NOTES CHKD. DATE

F.B. 3799 PG. 129

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 139 | 113 | 440 5 | 141 137 4 | 134 | 467 | 435 5 | 161 107 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 176 | 915 | 477 5 | 178 174 4 | 181 | 471 | 482 5 | 208 154 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 316028 | | | | 315938 | | | 108 | |
| | 315898 | | | 8 | -0.0*8 mm | | | 8 | Curvature Corr.=0.40 mm |
| | + | 130 | | | 315898 | | | 100 | |
| | | + 013 | | mm= "C" | | | | | |
| | 100/1 | 30 | | | | | | | |
| | | | | | | | mm= "C" | | |

76P526B CE # 308 8-59

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**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-7-70 TIME 8:45 ROD NO. 95896

INDEXED C.J. GALLI DATE NOTES CHKD. DATE

F.B. 3799 PG. 131

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 144 | 067 | 445 5 | 146 142 4 | 187 | 644 | 488 5 | 214 160 54 | 54M- 4M= 50 M=0.20 mm |
| 2 | 141 | 896 | 442 5 | 143 139 4 | 98 | 255 | 399 5 | 125 71 54 | 54M- 4M= 50M=0.20 mm |
| | 285 | 963 | | | 285 | 899 | | 108 | |
| | 285 | 859 | | | | 0.40 mm | | | |
| | + | 104 | | | -0.4 | mm | | 8 | Curvature Corr.=0.40 mm |
| | | | | | 285 | 859 | | 100 | |
| | | | | | - | | | | |

+0.010 mm= "C"

100/1.04

mm= "C"

76P526B CE # 308 8-59

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=66°
SURVEY BY G.E. DREIER WEATHER H INST. NO. 26710
NOTES BY SIEMANN DATE 4-9-70 TIME 8:35 TO 8:45 ROD NO. 25896
INDEXED G.J. GALLI DATE NOTES CHKD. DATE
F.B. 3799 Pg. 133

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ___ TO ___ |
|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 168 | 820 | 469 5 | 170 166 4 | 181 | 655 | 482 5 | 209 153 56 | 56 M- 4 M= 52 M=0.20 mm |
| 2 | 162 | 464 | 463 5 | 164 160 4 | 149 | 580 | 450 5 | 177 121 56 | 56 M- 4 M= 52 M=0.20 mm |
| | 331 | 284 | | | 331 | 235 | | 112 | |
| | 331 | 195 | | | | 040 | | 8 | Curvature Corr.=0.40 mm |
| | + | 089 | | 8 | -0. | mm | | | |
| | | | | | 331 | 195 | | 104 | |
| | | | | | - | | | | |
| | | + .008 | mm= "C" | | | | | | |
| | 104 | 0.890 | | | | | | | |
| | | 812 | | | | | | | |
| | | | | | | | mm= "C" | | |

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT | STADIA | RIGHT | MIC. | LEFT | STADIA | FROM ____ TO ____ |
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 168 | 397 | 469 5 | 170 166 4 | 185 | 988 | 486 5 | 212 158 54 | 54M- 4 M= 50 M=0.20 mm |
| 2 | 162 | 948 | 463 5 | 164 160 4 | 145 | 212 | 446 5 | 172 118 54 | 54M- 4 M= 50 M=0.20 mm |
| | 331 | 345 | | | 331 | 200 | | 108 | |
| | 331 | 180 | | | | 040 | | 8 | |
| | + | 165 | | 8 | -0. | mm | | | Curvature Corr.=0.40 mm |
| | | | | | 331 | 180 | | 100 | |
| | | | | | - | | | | |
| | | +.017 mm= "C" | | | | | | | |
| | 100/1.65 | | | | | | | | |
| | | | | | | mm= "C" | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=72°

SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 96716

NOTES BY SIEMANN DATE 4-10-70 TIME 8:40 TO 8:50 ROD NO. 95896

INDEXED C.L. GALLI DATE NOTES CHKD DATE

F.B. 3799 PG. 135

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 580

SURVEY BY G.E. DREIER

NOTES BY DREIER DATE 4-13-70 WEATHER OVERCAST-WINDY INST. NO. 96716

INDEXED C.J. GALLI DATE TIME 9100 ROD NO. 95896

NOTES CHKD DATE

F.B. 3799 PG. 137

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 153 | 420 | 454 5 | 155 / 151 4 | 164 | 740 | 465 5 | 190 / 138 52 | 52M- 4 M= 48 M=0.20 mm |
| 2 | 149 | 234 | 450 5 | 151 / 147 4 | 137 | 988 | 428 5 | 164 / 110 54 | 54M- 4 M= 50 M=0.20 mm |
| | 302 | 654 | | 8 | 302 | 728 | | 106 | |
| | + | | | | -0 | 0.40 mm | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 302 | 688 | | 98 | |
| | | | | | 302 | 654 | | | |
| | | | | | - | 034 | | | |
| | | | | mm= "C" | | | | | |
| | | | | | | -0.003 | mm= "C" | | |
| | | | | | 98 | 0.34 | | | |

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT | STADIA | RIGHT | MIC. | LEFT | STADIA | FROM ____ TO ____ |
| | | | DETERMINATION OF "C" | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 156 | 320 | 457 5 | 158 / 154 4 | 200 | 138 | 501 5 | 227 / 173 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 147 | 649 | 448 5 | 149 / 145 4 | 103 | 850 | 404 5 | 130 / 76 54 | M- M= M=0.20 mm |
| | 303 | 969 | | 8 | 303 | 988 | | 108 | |
| | 303 | 948 | | | | 0.40 mm | | | |
| | + | 021 | | | -0 | ~~mm~~ | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 303 | 948 | | 100 | |
| | | | | | - | | | | |
| | + 0.002 | | | mm= "C" | | | | | |
| | 100/0.20 | | | | | | | | |
| | | | | | | | mm= "C" | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER 60° CLEAR INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-14-70 TIME 8:50 ROD NO. 95E96

INDEXED C.J. GALLI DATE NOTES CHKD. DATE

F.B. 3799 PG. 139

76P526B CE # 308 8-59

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 59°
SURVEY BY G.E. DREIER DATE 4-15-70 WEATHER THIN CLOUDS INST. NO. 26716
NOTES BY G.E. DREIER TIME 9:00 ROD NO. 25&26
INDEXED C.J. GALLI DATE NOTES CHKD DATE
F.B. 3799 Pg. 141

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS (FROM ___ TO ___) |
|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 156 | 681 | 4585 | 158 / 154 4 | 115 | 347 | 4165 | 142 / 88 54 | 54M- 4M= M=0.20 mm |
| 2 | 164 | 720 | 4655 | 166 / 162 4 | 206 | 071 | 5075 | 233 / 179 54 | 54 M- 4 M= M=0.20 mm |
| | 321 | 401 | | 8 | 321 | 418 | | 108 | |
| | 321 | 378 | | | | 0.40 mm | | | |
| | + | 023 | | | -0. | mm | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 321 | 378 | | 100 | |
| | | | | | - | | | | |
| | | +0.002 | | mm= "C" | | | | | |
| | 100 | 0.23 | | | | | | | |
| | | | | | | | | mm= "C" | |

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT | | STADIA | | RIGHT | MIC. | LEFT | | STADIA | | FROM ____ TO ____ |
| | | | | | | | | | | | | | |
| 1 | 157 | 498 | 458 | 5 | 159<br>155 | 4 | 201 | 277 | 502 | 5 | 228<br>174 | 54 | 54 M- 4 M= 50 M=0.20 mm |
| 2 | 143 | 331 | 444 | 5 | 145<br>141 | 4 | 99 | 543 | 400 | 5 | 126<br>72 | 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 300 | 829 | | | | 8 | 300 | 820 | | | | 108 | |
| | 300 | 780 | | | | | | 0,40 mm | | | | | |
| | + | 049 | | | | | -0 | | | | | -8 | Curvature Corr.=0.40 mm |
| | | | | | | | 300 | 780 | | | | 100 | |
| | | | | | | | - | | | | | | |

DETERMINATION OF "C"

NEAR ROD

FAR ROD

+0.005 mm= "C"

100 0.49 mm

mm= "C"

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 59°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-16-70 WEATHER OVERCAST INST. NO. 96716

INDEXED C.J. GALLI DATE TIME 9:00 ROD NO. 75 & 96

NOTES CHKD. DATE

F.B. 3799 Pg. 143

76P526B CE # 306 8-59

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 4-17-70 TIME 9:00 INST. NO. 96716
INDEXED G.J. GALLI DATE NOTES CHKD DATE ROD NO. 95 & 96
F.B. 3799 PG. 145

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS From ___ To ___ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 158 | 437 | 459 5 | 160 156 4 | 227 | 232 | 528 5 | 254 200 54 | 54M- 4 M= 50M=0.20 mm |
| 2 | 135 | 791 | 436 5 | 137 133 4 | 67 | 063 | 368 5 | 94 46 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 294 | 428 | | 8 | 294 | 295 | | 108 | |
| | 294 | 255 | | | | 0.40 mm | | | |
| | + | 173 | | | -0 | mm | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 294 | 255 | | 100 | |
| | | | | | - | | | | |
| | | +0.017 mm= "C" | | | | | | | |
| | 100 | 1.73 | | | | | | | |
| | | | | | | | mm= "C" | | |

76P526B CE # 308 8-59

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 65°

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 86716

NOTES BY G.E. DREIER DATE 4-20-70 TIME 9:45 ROD NO. 95896

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 3799 Pg. 147

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 154 | 871 | 455 5 | 156 / 152 4 | 223 | 703 | 524 5 | 250 / 196 54 | 54M- 4M= 50M=0.20 mm |
| 2 | 132 | 856 | 433 5 | 134 / 130 4 | 63 | 931 | 364 5 | 90 / 36 54 | 54M- 4M= 50M=0.20 mm |
| | 287 | 727 | | 8 | 287 | 634 | | 108 | |
| | 287 | 594 | | | | 0.40 mm | | | |
| | + | 133 | | | -0 | ~~mm~~ | | -8 | Curvature Corr.=0.40 mm |
| | | | | | 287 | 594 | | 100 | |
| | | | | | - | | | | |
| | | +0.013 | | mm= "C" | | | | | |
| | 104 | 1.33 | | | | | | | |
| | | | | | | | mm= "C" | | |

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER 77° CLEAR
NOTES BY G.E. DREIER DATE 4-1-70 TIME 10:30 TO 11:50 INST. NO 96716
INDEXED C.J. GALLI DATE MAY 11 '70 NOTES CHKD DATE ROD NO 95 & 96
F.B. 3799 PG. 149

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left. | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left. | FORESIGHT Stadia | DESCRIPTION AND REMARKS From 49-5 To 50-1C |
|---|---|---|---|---|---|---|---|
| B.M. 49-5 | | | | | | | B.M. 49-5 |
| 1 | 169 931 | 470 5 | 204 134 70 | 4 865 | 305 5 | 136 24 64 | PALOS VERDES DR. N. & CRENSHAW BLVD. |
| | | | | | | | SEE F.B. 3700-21 |
| 2 | 277 216 | 578 5 | 307 248 59 | 48 574 | 349 5 | 85 70 75 | |
| | | | 129 | | | 139 | T J. MALDONADO |
| 3 | 262 888 | 563 5 | 288 236 52 | 47 682 | 348 5 | 68 26 42 | |
| | | | 181 | | | 181 | |
| 4 | 206 272 | 507 5 | 214 198 16 | 90 331 | 391 5 | 98 82 16 | FOR ADDITIONAL B.M.S IN LINE |
| | | | 197 | | | 197 | 49 SEE F.B. 3799-91 TO 98 |
| | | | | | | 197 | |
| | 916 307 ✓ | | | 191 452 ✓ | | 394 | |
| B.M. 50-1C | 191 452 ✓ | | | | | | B.M. 50-1C |
| | | | | | | | CRENSHAW BLVD. 0.2 MI. S. OF P.V. DR. N. |
| | +724 855 ✓ | | | | | | SEE F.B. 3704-7 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 26716
ROD NO. 95,96
DATE
WEATHER
TIME 2:50 TO
NOTES CHKD

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 50-1C TO 49-5 |
| B.M. 50-1C | | | | | | | | | B.M. 50-1C |
| 1 | 298 | 577 | 399.5 | 119 77 42 | 147 | 371 | 448.5 | 168 26 42 | CRENSHAW BLVD., 0.2 MI. S. OF P.V. DR. N. |
| | | | | | | | | | SEE F.B. 3704-7 |
| 2 | 26 | 072 | 327.5 | 52 0 52 | 287 | 221 | 588.5 | 1 287 2 261 52 | |
| 3 | 17 | 628 | 318.5 | 36 -2 94 38 132 | 238 | 682 | 539.5 | 256 94 220 36 130 | |
| 4 | 7 | 097 | 308.5 | 1 34 2 7 54 186 | 192 | 658 | 493.5 | 216 168 48 178 | |
| 5 | 141 | 943 | 442.5 | 148 134 14 200 | 150 | 217 | 451.5 | 161 139 22 200 | |
| | | | | | | | | 200 | |
| B.M. 49-5 | | | | | | | | 400 | B.M. 49-5 |
| | 291 | 317 | ✓ | | 1016 | 149 | ✓ | | PALOS VERDES DR. N. & CRENSHAW BLVD. |
| | | | | | 291 | 317 | ✓ | | SEE F.B. 3700-21 |
| | | | | | 724 | 832 | ✓ | | |

F.B. 3799 PG. 150
JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-9-70
INDEXED C.J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY G. E. DREIER DATE 4-1-70
INDEXED C. J. GALLI DATE
WEATHER 74° CLEAR
TIME 10:50 TO 11:15
NOTES CHKD DATE
INST. NO 98716
ROD NO 25 & 96
F.B. 3799 PG. 151

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS (From 50-1C To 50-2C) |
|---|---|---|---|---|---|---|---|
| B.M. 50-1C | | | | | | | B.M. 50-1C |
| 1 | 282 965 | 583 5 | 299 265 34 | 14 745 | 315 5 | 1/2 32 14 36 | CRENSHAW BLVD, 0.2 MI. S. OF P.V. DR. N. |
| | | | | | | | SEE F.B. 3704-7 |
| 2 | 296 401 | 597 5 | 1/2 296 282 28 | 26 563 | 327 5 | 40 12 28 | |
| | | | | | | | ↑ J. MALDONADO |
| 3 | 298 850 | 599 5 | 1/2 298 62 284 28 | 5 665 | 306 5 | 64 1/2 16 5 22 | |
| 5 | 275 982 | 576 5 | 282 90 268 14 | 7 063 | 308 5 | 86 1/2 15 7 16 | |
| 6 | 260 471 | 561 5 | 268 104 252 16 | 13 168 | 314 5 | 182 21 5 16 | |
| 7 | 279 729 | 580 5 | 287 120 271 16 | 6 024 | 307 5 | 118 1/2 16 6 20 | |
| 8 | 202 068 | 503 5 | 206 136 198 8 | 143 163 | 444 5 | 146 138 140 6 | |
| | | | 144 | | | 144 | |
| B.M. 5-2C | | | | | | 144 288 | B.M. 50-2C |
| | 1896 466 | | | 216 391 | | | CRENSHAW BLVD. & 0.4 MI. S. OF P.V. DR. N. |
| | 216 391 | | | | | | SEE F.B. 3704-10 |
| | +1680 075 | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 152 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES DREIER 4-9-70

INDEXED C. J. GALLI DATE

WEATHER LT. WIND CLEAR INST. NO. 96716

TIME 2:20 TO 2:50 ROD NO. 95, 96

NOTES CHKD DATE

75°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | FROM 50-2C TO 50-1C |
| B.M. 50-2C | | | | | | | | | | | B.M. 50-2C |
| 1 | 69.671 | | 370.5 | 77 / 61 | 16 | 299.889 | | 600.5 | 299 / 289 | 20 | CRENSHAW BLVD., 0.4 MI. S. OF P.V.DR.N. |
| | | | | | | | | | | | SEE F.B. 3704-10 |
| 2 | 7.232 | | 308.5 | 16 / -2 | 18 / 34 | 274.409 | | 575.5 | 283 / 265 | 18 | |
| 3 | 6.489 | | 307.5 | 21 / 9 | 30 / 64 | 252.248 | | 553.5 | 263 / 241 | 38 / 22 | |
| 4 | 15.949 | | 316.5 | 31 / -1 | 32 / 96 | 276.572 | | 577.5 | 294 / 258 | 60 / 36 | J. MALDONADO |
| 5 | 5.479 | | 306.5 | 120 / 25 | 30 / 126 | 274.560 | | 575.5 | 289 / 259 | 96 / 30 / 126 | |
| 6 | 19.952 | | 320.5 | 37 / +1 | 36 / 162 | 254.328 | | 555.5 | 273 / 235 | 38 / 164 | |
| 7 | 60.231 | | 361.5 | 69 / 51 | 18 / 180 | 233.608 | | 534.5 | 241 / 225 | 16 / 180 | |
| B.M. 50- | | | | | | | | | | 180 | |
| | 185.503 | | | | | 1865.614 | | | | 360 | |
| | | | | | | 185.503 | | | | | |
| | | | | | | 1680.111 | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 4-1-70 WEATHER CLEAR INST. NO. 26716

NOTES BY G.E. DREIER DATE 4-1-70 TIME 11:15 TO 12:10 ROD NO. 25896

INDEXED C.J. GALLI DATE NOTES CHKD [illegible] DATE

F.B. 3799 PG. 153

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-2C TO 50-2D |
| B.M. 50-2C | | | | | | | | | B.M. 50-2C |
| 1 | 251 | 718 | 552 5 | 256 / 246 10 | 74 | 392 | 375 5 | 79 / 69 10 | CRENSHAW BLVD, 0.4 MI. S. OF P.V. DR. S. |
| 2 | 253 | 712 | 554 5 | 261 / 245 16 | 20 | 835 | 321 5 | 28 / 12 16 | SEE F.B. 3704-10 |
| 3 | 258 | 361 | 559 5 | 266 / 250 16 / 26 | 35 | 345 | 336 5 | 44 / 26 18 / 26 | ⊼ J. MALDONADO |
| 4 | 257 | 418 | 558 5 | 264 / 250 14 / 42 | 44 | 813 | 345 5 | 52 / 36 16 / 44 | |
| 5 | 265 | 213 | 566 5 | 274 / 256 18 / 56 | 23 | 450 | 324 5 | 33 / 13 20 / 60 | |
| 6 | 287 | 720 | 588 5 | 298 / 276 22 / 74 | 39 | 081 | 340 5 | 47 / 31 16 / 80 | |
| 7 | 291 | 989 | 592 5 | 301 / 281 20 / 96 | 4 | 982 | 303 5 | 14½ / 4½ 20 / 96 | |
| 8 | 265 | 768 | 566 5 | 272 / 258 14 / 116 | 23 | 262 | 324 5 | 31 / 15 16 / 116 | |
| 9 | 281 | 578 | 582 5 | 288 / 274 14 / 130 | 28 | 249 | 329 5 | 35 / 21 14 / 132 | |
| 10 | 283 | 102 | 584 5 | 290 / 276 14 / 144 | 24 | 986 | 325 5 | 32 / 16 16 / 146 | |
| 11 | 287 | 709 | 588 5 | 296 / 278 18 / 158 | 9 | 691 | 310 5 | 17 / 1 16 / 162 | + 4285.325 ✓ |
| 12 | 282 | 888 | 583 5 | 290 / 274 16 / 176 | 3 | 467 | 304 5 | 11 / ½ 3 16 / 178 | − 526.157 ✓ |
| 13 | 289 | 653 | 590 5 | 298 / 280 18 / 192 | 7 | 602 | 308 5 | 17 / ½ 7 20 / 194 | + 3759.168 ✓ |
| 14 | 273 | 853 | 574 5 | 282 / 264 18 / 210 | 43 | 150 | 344 5 | 49 / 37 12 / 214 | |
| 15 | 271 | 581 | 572 5 | 280 / 262 18 / 228 | 34 | 776 | 335 5 | 41 / 27 14 / 226 | |
| 16 | 183 | 062 | 484 5 | 184 / 182 2 / 246 | 108 | 136 | 409 5 | 111 / 105 6 / 240 | B.M. 50-2D |
| B.M. 50-2D | 4285 | 325 ✓ | | 248 | 526 | 157 ✓ | | 246 / 248 | CRENSHAW BLVD, 0.7 MI. S. OF P.V. DR. N. |
| | | | | | | | | | SEE F.B. 3704-12 |
| | | | | | | | | | ~~594~~ 494 ✓ |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | ~~67~~ | ~~169~~ | | | ~~1287~~ | ~~35~~ | | | FROM 50-2D TO 50-2C |
| B.M. 50-2D | | | | | | | | | B.M. 50-2D |
| 1 | 27 | 619 | 328.5 | 36 18 18 | 293 | 400 | 594.5 | 303 284 19 | CRENSHAW BLVD. 0.7 MI. S. OF P.V. DR. N. |
| 2 | 10 | 868 | 311.5 | 17 3 14 | 288 | 402 | 589.5 | 295 281 14 | SEE F.B. 3704-12 |
| 3 | 23 | 279 | 324.5 | 30 16 32 14 | 298 | 340 | 599.5 | 1298 1290 33 16 | |
| 4 | 5 | 311 | 306.5 | 1/2 12 5 46 14 | 278 | 811 | 579.5 | 285 271 49 14 | |
| 5 | 12 | 311 | 313.5 | 20 4 60 16 | 276 | 720 | 577.5 | 283 269 63 14 | J. MALDONADO ~~R. SIEMANN~~ |
| 6 | 20 | 919 | 321.5 | 28 12 76 16 | 280 | 313 | 581.5 | 288 271 77 17 | |
| 7 | 7 | 329 | 308.5 | 1/2 18 7 92 22 | 295 | 237 | 596.5 | 305 285 94 20 | |
| 8 | 10 | 798 | 311.5 | 20 0 114 20 | 287 | 218 | 588.5 | 296 278 114 18 | |
| 9 | 17 | 639 | 318.5 | 26 8 134 18 | 299 | 707 | 600.5 | 1299 1/2 289 132 20 | |
| 10 | 4 | 451 | 305.5 | 1/2 13 4 152 18 | 297 | 814 | 598.5 | 306 288 152 18 | |
| 11 | 6 | 741 | 307.5 | 1/2 15 6 170 18 | 296 | 542 | 597.5 | 304 288 170 16 | |
| 12 | 19 | 568 | 320.5 | 27 11 188 16 | 280 | 670 | 581.5 | 288 272 186 16 | |
| 13 | 23 | 971 | 324.5 | 31 15 204 16 | 288 | 329 | 589.5 | 297 279 202 18 | |
| 14 | ~~48~~ 52 | 112 | 353.5 | 65 39 220 26 | 240 | 747 | 541.5 | 253 227 220 26 | |
| ~~15~~ | | | | 246 | | | | 246 | |
| B.M. 50-2C | | | | | | | | 246 | B.M. 50-2C |
| | 242 | 916 | | | 4002 | 250 | | 492 | CRENSHAW BLVD., 0.4 MI. S. OF P.V. DR. N. |
| | | | | | 242 | 916 | | | SEE F.B. 3704-10 |
| | | | | | 3759 | 334 | | | |

F.B. 3799 PG. 154 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-9-70

INDEXED C. J. GALLI DATE

WEATHER LT. WIND-CLEAR 74° INST. NO. 96716

TIME 1:35 ROD NO. 85, 96

NOTES CHKD [signature] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 73°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-1-70 WEATHER CLEAR INST. NO 96716

INDEXED C.J. GALLI DATE TIME 1:15 TO 2:15 ROD NO 95896

NOTES CHKD [signature] DATE

F.B. 3799 PG. 155

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | 10 8 6 4 7 8 | | | | 7 6 6 5 | | | | FROM 50-2D TO 50-2E |
| B.M. 50-2D | | | | | | | | | B.M. 50-2D |
| 1 | 299 | 809 | 600 5 | 307 291 16 | 6 | 438 | 307 5 | 14 ½ 6 16 | ~~PALO~~ CRENSHAW BLVD. 0.7 MI. S. OF P.V. DR. N. |
| | | | | | | | | | SEE F.B 3704-12 |
| 2 | 296 | 295 | 597 5 | 304 288 16 | 19 | 280 | 320 5 | 27 11 16 | |
| | | | | 32 | | | | 32 | ⊼ R. SIEMANN |
| 3 | 301 | 999 | 602 5 | 301 ½ 293 16 | 12 | 013 | 313 5 | 20 4 16 | |
| | | | | 48 | | | | 48 | |
| 4 | 295 | 098 | 596 5 | 303 287 16 | 38 | 397 | 339 5 | 46 30 16 | |
| | | | | 64 | | | | 64 | |
| 5 | 299 | 828 | 600 5 | 307 291 16 | 12 | 301 | 313 5 | 20 4 16 | |
| | | | | 80 | | | | 80 | |
| 6 | 295 | 090 | 596 5 | 303 287 16 | 15 | 821 | 316 5 | 23 7 16 | |
| | | | | 96 | | | | 96 | |
| 7 | 280 | 178 | 581 5 | 288 272 16 | 30 | 607 | 331 5 | 38 22 16 | |
| | | | | 112 | | | | 112 | |
| 8 | 297 | 951 | 598 5 | 306 288 18 | 24 | 637 | 325 5 | 32 16 16 | |
| | | | | 130 | | | | 128 | |
| 9 | 295 | 009 | 596 5 | 304 286 18 | 7 | 369 | 308 5 | 15 ½ 7 16 | |
| | | | | 148 | | | | 144 | |
| 10 | 299 | 089 | 600 5 | 306 292 14 | 16 | 978 | 317 5 | 24 8 16 | |
| | | | | 162 | | | | 160 | |
| 11 | 299 | 171 | 600 5 | 306 292 14 | 15 | 180 | 316 5 | 23 7 16 | |
| | | | | 176 | | | | 176 | |
| 12 | 301 | 870 | 602 5 | 301 ½ 294 14 | 16 | 252 | 317 5 | 23 9 14 | |
| | | | | 190 | | | | 190 | |
| 13 | 301 | 294 | 602 5 | 308 294 14 | 19 | 913 | 320 5 | 26 12 14 | |
| | | | | 204 | | | | 204 | |
| 14 | 298 | 578 | 599 5 | 305 291 14 | 34 | 260 | 335 5 | 42 26 16 | |
| | | | | 218 | | | | 220 | |
| 15 | 200 | 611 | 501 5 | 206 193 13 | 70 | 111 | 371 5 | 76 63 13 | |
| | | | | 231 | | | | 233 | B.M. 50-2E |
| B.M. 50-2E | 4361 | 870 | | | 339 | 557 | | 231 | CRENSHAW BLVD., 1 MI. S. OF P.V. DR. N. |
| | 339 | 557 | | | | | | 464 | SEE F.B. 3704-14 |
| | +4022 | 313 | | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-2E TO 50-2D |
| B.M.50-2E | | | | | | | | | B.M.50-2E |
| 1 | 27 | 739 | 328.5 | 37 17 20 | 294 | 140 | 595.5 | 303 285 18 | CRENSHAW BLVD, 1 MI. S. OF P.V. DR. N. |
| | | | | | | | | | SEE F.B 3704-14 |
| 2 | 14 | 060 | 315.5 | 24 4 20 | 294 | 062 | 595.5 | 303 284 19 | |
| 3 | 9 | 300 | 310.5 | 18 0 40 18 | 299 | 320 | 600.5 | 307 291 37 16 | |
| 4 | 11 | 300 | 312.5 | 19 3 58 16 | 298 | 864 | 599.5 | 308 288 53 20 | ⊼ R. SIEMANN |
| 5 | 9 | 781 | 310.5 | 18 0 74 18 | 298 | 539 | 599.5 | 306 298 73 16 | |
| 6 | 10 | 098 | 311.5 | 18 2 92 16 | 293 | 098 | 594.5 | 300 286 89 14 | |
| 7 | 7 | 810 | 308.5 | 14 0 108 14 | 295 | 961 | 596.5 | 303 287 103 16 | |
| 8 | 9 | 889 | 310.5 | 16 2 122 14 | 295 | 549 | 596.5 | 303 287 119 16 | |
| 9 | 11 | 611 | 312.5 | 18 4 136 14 | 289 | 029 | 590.5 | 298 280 135 18 | |
| 10 | 27 | 403 | 328.5 | 33 21 150 12 | 291 | 020 | 592.5 | 298 284 153 14 | |
| 11 | 12 | 609 | 313.5 | 20 4 162 16 | 299 | 202 | 600.5 | 307 291 167 16 | |
| 12 | 9 | 440 | 310.5 | 18 0 178 18 | 301 | 390 | 602.5 | 301 ½ 293 183 16 | |
| 13 | 9 | 307 | 310.5 | 18 0 196 18 | 300 | 111 | 601.5 | 1/2 300 292 199 16 | |
| 14 | 9 | 290 | 310.5 | 18 1 214 17 | 300 | 022 | 601.5 | 1/2 300 292 215 16 | |
| 15 | 140 | 738 | 441.5 | 146 134 231 12 | 192 | 459 | 493.5 | 198 186 231 12 | |
| | | | | 243 ✓ | | | | 243 | B.M.50-2D |
| | | | | | | | | 243 | CRENSHAW BLVD. 0.7 MI. S. OF P.V. DR. N. |
| B.M.50- | 320 | 375 ✓ | | | 4342 | 766 ✓ | | 486 | SEE F.B. 3704-12 |
| | | | | | 320 | 375 ✓ | | | |
| | | | | | -4022 | 391 ✓ | | | |

F.B. 3799 PG. 156 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-9-70

INDEXED C.J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 11:30 TO 1:30 ROD NO. 95896

NOTES CHKD [signature] DATE

70° to 74°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-1-70 WEATHER CLEAR 72° INST. NO 96716

TIME 2:15 ROD NO 25 & 96

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 3799 PG. 157

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-2E TO 50-3B |
| B.M. 50-2E | | | | | | | | | B.M. 50-2E |
| 1 | 300009 | 601 5 | | ½ 300 291 18 | 9 742 | 310 5 | | ½ 9 0 18 | CRENSHAW BLVD, 1 MI. S. OF P.U.DR. N. |
| 2 | 274 407 | 575 5 | | 280 268 12 30 | 26 323 | 327 5 | | 32 20 12 30 | SEE F.B. 3704-14 |
| 3 | 269 620 | 570 5 | | 276 262 14 | 43 670 | 344 5 | | 50 36 14 | |
| 4 | 297 539 | 598 5 | | 305 289 44 16 | 20 422 | 321 5 | | 28 12 44 16 | |
| 5 | 298 713 | 599 5 | | 306 290 60 16 76 | 10 361 | 311 5 | | 18 2 60 16 76 | ↑ R. SIEMANN |
| 6 | 298 303 | 599 5 | | ½ 298 289 18 94 | 26 960 | 327 5 | | 35 17 18 94 | |
| 7 | 300 202 | 601 5 | | ½ 300 290 20 114 | 11 169 | 312 5 | | 21 1 20 114 | |
| 8 | 296 565 | 597 5 | | 305 287 18 132 | 14 300 | 315 6 | | 22 6 16 130 | |
| | ~~233~~ | | | | | | | 132 | B.M. 50-3B |
| B.M. 50-3B | 2335 358 | | | | 162 948 | | | 262 | CRENSHAW BLVD, 1.15 MI. S. OF P.U.DR. N. |
| | 162 948 | | | | | | | | SEE F.B. 3704-16 |
| | +2172 41 | | | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 50-3B TO 50-2E |
|---|---|---|---|---|---|---|---|
| B.M. 50-3B | | | | | | | B.M. 50-3B |
| 1 | 66 800 | 367 5 | 74 58 16 | 284 651 | 585 5 | 293 275 18 | CRENSHAW BLVD. 1.15 MI. S. OF P.V. DR. N. |
| 2 | 15 699 | 316 5 | 222 14 8 30 | 296 399 | 597 5 | 302 290 12 30 | SEE F.B. 3704-16 |
| 3 | 13 759 | 314 5 | 21 7 14 | 294 200 | 595 5 | 301 287 14 | R. SIEMANN |
| 4 | 9 909 | 310 5 | 15 3 44 12 | 290 979 | 591 5 | 298 282 44 16 | |
| 5 | 9 821 | 310 5 | 16 2 56 14 | 293 213 | 594 5 | 300 286 60 14 | |
| 6 | 7 794 | 308 5 | 1/2 15 7 70 16 | 284 660 | 585 5 | 291 278 74 13 | |
| 7 | 19 904 | 320 5 | 26 12 86 14 | 279 690 | 580 5 | 286 272 87 14 | |
| 8 | 5 692 | 306 5 | 1/2 15 5 100 20 | 297 928 | 598 | 306 288 101 18 | |
| | | | 120 | | | 119 | |
| B.M. 50-2E | | | | | | 120 | B.M. 50-2E |
| | 149 378 | | | 2321 720 | | 239 | CRENSHAW BLVD. 1 MI. S. OF P.V. DR. N. |
| | | | | 149 378 | | | SEE F.B. 3704-14 |
| | | | | 2172 342 | | | |

F.B. 3799 PG. 158

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-9-70

INDEXED C. I. GALLI DATE

WEATHER CLEAR 69

TIME 11:00 TO 11:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95, 96

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 66°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 4-1-70 WEATHER WINDY INST. NO 96716
INDEXED G.J. GALLI DATE TIME 2:35 TO 2:55 ROD NO 95896
NOTES CHKD DATE
F.B. 3797 PG. 159

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 50-3B TO 50-4B |
| B.M. 50-3B | | | | | | | B.M. 50-3B |
| 1 | 293078 | 594 5 | 302 284 18 | 16661 | 317 5 | 25 7 18 | CRENSHAW BLVD. 1.15 MI. S. OF P.V.DR.N. |
| | | | | | | | SEE F.B. 3704-16 |
| 2 | 300784 | 601 5 | 300 ½ 291 18 | 3585 | 304 5 | 12 ½ 3 16 | |
| | | | 36 | | | 14 | |
| 3 | 283529 | 584 5 | 291 275 16 | 19933 | 320 5 | 28 18 18 | |
| | | | 52 | | | 52 | |
| 4 | 276107 | 577 5 | 285 267 18 | 42285 | 343 5 | 51 33 18 | T G.E. DREIER |
| | | | 70 | | | 70 | |
| 5 | 254178 | 555 5 | 262 246 16 | 35702 | 336 5 | 44 26 18 | |
| | | | 86 | | | 88 | |
| 6 | 264408 | 565 5 | 272 256 16 | 23686 | 324 5 | 30 16 14 | |
| | | | 102 | | | 102 | |
| B.M. 50-4B | | | | | | 102 | B.M. 50-4B |
| | 1672084 | | | 141852 | | 204 | CRENSHAW BLVD. & SILVER SPUR RD. |
| | 141852 | | | | | | SEE F.B. 3704-17 |
| | +1530232 | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 160 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SLEIMANN 4-9-70

INDEXED C.J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 10:30 TO ROD NO. 95996

NOTES CHKD DATE

T-66°

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 50-4B TO 50-3B |
| B.M. 50-4B | | | | | | | B.M. 50-4B |
| 1 | 53182 | 354 5 | 66 40 26 | 222888 | 523 5 | 235 209 24 | CRENSHAW BLVD. & SILVERSPUR RD. |
| | | | | | | | SEE F.B. 3704-17 |
| 2 | 5769 | 306 5 | ½ 17 5 24 | 301033 | 602 5 | ½ 301 2289 24 | |
| | | | 50 | | | 48 | |
| 3 | 3710 | 304 5 | ½ 15 3 24 | 299779 | 600 5 | ½ 299 2288 22 | |
| | | | 74 | | | 70 | |
| 4 | 7839 | 308 5 | ½ 17 7 20 | 299271 | 600 5 | ½ 299 2289 20 | T= DREIER |
| | | | 94 | | | 90 | |
| 5 | 8191 | 309 5 | 17 -1 18 | 298072 | 599 5 | 306 290 16 | |
| | | | 112 | | | 106 | |
| 6 | 68887 | 369 5 | 74 62 12 | 256119 | 557 5 | 264 248 16 | |
| | | | 124 | | | 122 | |
| | | | | | | 124 | |
| B.M. 50-3B | | | | | | 246 | B.M. 50-3B |
| | 147578 | | | 1677162 | | | CRENSHAW BLVD. & 1.15 MI. S. OF |
| | | | | 147578 | | | PALOS VERDES DR. N. |
| | | | | -1529584 | | | SEE F.B. 3704-16 |

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | RERUN | | | | RERUN | FROM 50-3B TO 50-4B |
| B.M. 50-3B | | | | | | | | | B.M. 50-3B |
| 1 | 290528 | 591 | 5 | 297 281 18 | 6144 | 307 | 5 | 14 6 16 | CRENSHAW BLVD. 1.15 M.S. OF PALOS VERDES DR. N. |
| 2 | 299582 | 600 | 5 | 308 290 18 36 | 16527 | 317 | 5 | 25 7 18 34 | SEE F.B. 3704-16 |
| 3 | 295243 | 596 | 5 | 304 286 18 54 | 33559 | 334 | 5 | 42 24 18 52 | |
| 4 | 298575 | 599 | 5 | 298 286 24 78 | 14027 | 313 | 5 | 23 1 22 74 | RE RUN<br>T = DREIER |
| 5 | 250688 | 551 | 5 | 260 240 20 98 | 12182 | 313 | 5 | 23 1 22 96 | |
| 6 | 240465 | 541 | 5 | 243 237 6 104 | 64482 | 365 | 5 | 68 60 8 104 | |
| B.M. 50-4B | | | | | | | | 104 208 | B.M. 50-4B<br>CRENSHAW BLVD & SILVER SPUR RD. SEE F.B. 3704-17 |
| | 1675081 | | | | 144921 | | | | |
| | 144921 | | | | | | | | |
| | +1530160 | | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 74°

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 4-10-70 WEATHER SUNNY INST. NO. 76716

INDEXED C. J. GALLI DATE TIME 9:00 TO ROD NO. 93176

NOTES CHKD DATE

F.B. 3799 PG. 161

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RERUN | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 50-4B TO 50-3B |
| BM. 50-4B | | | | | | | | | B.M. 50-4B |
| 1 | 9 | 518 | 310 5 | 17 1 16 | 288 | 498 | 589 5 | 296 280 16 | CRENSHAW BLVD. & SILVER SPUR RD. SEE F.B. 3704-17 |
| 2 | 9 | 346 | 310 5 | 23 ½ 9 28 44 | 290 | 732 | 591 5 | 302 278 24 40 | |
| 3 | 8 | 965 | 309 5 | 18 ½ 8 20 64 | 301 | 635 | 602 5 | 301 ½ 289 24 64 | RERUN |
| 4 | 18 | 270 | 319 5 | 26 10 16 80 | 293 | 423 | 594 5 | 302 284 18 82 | T= DREIER |
| 5 | 32 | 652 | 333 5 | 40 24 16 96 | 273 | 982 | 574 5 | 280 266 14 96 | |
| 6 | 69 | 367 | 370 5 | 74 64 10 106 | 230 | 009 | 531 5 | 235 225 10 106 | |
| B.M. 50-3B | | | | | | | | 106 | B.M. 50-3B |
| | 148 | 118 | | | 678 | 279 | | 202 | CRENSHAW BLVD. 1.15 M. S. OF PALOS VERDES DR. N. SEE F.B. 3704-16 |
| | | | | | 148 | 118 | | | |
| | | | | | 530 | 161 | | | |

F.B. 3799 PG. 162

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-10-70

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 9:30 TO ROD NO. 95896

NOTES CHKD DATE

T= 74°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN

INDEXED G. J. GALLI

DATE 4-2-70

DATE

WEATHER CLEAR

TIME 8:45 TO 9:45

NOTES CHKD

DATE

INST. NO. 82716

ROD NO. 95 & 96

F.B. 3799 PG. 163

T = 74°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT | STADIA | FORESIGHT RIGHT | MIC. | LEFT | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-4B TO 50-5B |
| B.M. 50-4B | | | | 305 | | | | ½ 12 | B.M. 50-4B |
| 1 | 298091 | | 5995 | 291 14 | 4060 | | 305 5 | 4 16 | CRENSHAW BLVD. & SILVER SPUR RD. |
| | 300415 | | 601 5 | 1300 293 14 | 7030 | | 308 | 14 6 14 | SEE F.B. 3704-17 |
| 2 | | | 5 | 307 26 | | | 5 | 30 | |
| 3 | 300910 | | 601 | 293 14 | 5770 | | 306 | 12 -2 14 | |
| | | | | | | | | 44 | |
| 4 | 301052 | | 6025 | 307 42 295 12 | 3174 | | 3045 | ½ 10 3 14 | |
| | | | | 305 54 | | | | 58 | |
| 5 | 298175 | | 5995 | 291 14 | 3663 | | 3045 | ½ 9 3 12 | |
| | | | | 68 | | | | 70 | |
| 6 | 273681 | | 574 | 280 14 266 | 5330 | | 306 | -11 -1 12 | |
| | | | 5 | 264 82 | | | 5 | 82 | |
| 7 | 258375 | | 5595 | 252 12 | 22109 | | 3235 | 28 16 12 | |
| | | | | 94 | | | | 94 | |
| 8 | 272374 | | 573 5 | 279 265 14 | 15379 | | 316 5 | 22 8 14 | |
| | | | | 108 | | | | 108 | |
| 9 | 285189 | | 586 5 | 292 278 14 | 5078 | | 3065 | ½ 13 5 16 | T = G.E. DREIER |
| | | | | | | | | 124 | |
| 10 | 296869 | | 597 5 | 303 122 289 14 | 9686 | | 3105 | 16 2 14 | |
| | | | | 136 | | | | 138 | |
| 11 | 300166 | | 601 5 | 307 14 293 | 4959 | | 3055 | ½ 11 4 14 | 5239.494 |
| | | | | 150 | | | | 152 | 473.397 |
| 12 | 301231 | | 602 5 | 308 294 14 | 9021 | | 3105 | 16 2 14 | +4766.097 |
| | | | | 164 | | | | 166 | |
| 13 | 297186 | | 598 5 | 303 291 12 | 9420 | | 3105 | 15 3 12 | |
| | | | | 176 | | | | 178 | |
| 14 | 299817 | | 600 5 | 305 293 12 | 12316 | | 3135 | 19 5 14 | |
| | | | | 188 | | | | 192 | |
| 15 | 296715 | | 597 5 | 303 289 14 | 6949 | | 3075 | 13 -1 14 | |
| | | | | 202 | | | | 206 | |
| 16 | 288354 | | 589 5 | 296 280 16 | 28125 | | 3295 | 34 22 12 | |
| 17 | 275179 | | 576 5 | 282 268 218 14 | 121041 | | 4225 | 128 114 218 14 | B.M. 50-5B |
| | | | | 232 | | | | 232 | CRENSHAW BLVD. 395 FT. N.E. |
| 18 | 295715 | | 596 | 308 282 26 | 200287 | | 5015 | 203 187 26 | OF INDIAN PEAK RD. |
| | | | | 258 | | | | 258 | SEE F.B. 3704-18 |
| B.M. 50-5B | 5239494 | | | | 473397 | | | 258 516 | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 164 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-9-70

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 9:25 TR 10:20 ROD NO. 95396

NOTES CHKD DATE

T = 66°

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | From B.M. 50-5B To 50-4B |
| B.M. 50-5B | 7 7 8 6 | | | 6 8 9 8 | | | B.M. 50-5B |
| 1 | 4162 | 3055 | ½ 13 4 10 | 276281 | 577 5 | 285 18 267 | CRENSHAW BLVD. 395 FT. N. E. |
| 2 | 8504 | 309 5 | ½ 19 8 22 40 | 299073 | 600 5 | ½ 299 290 18 36 | OF INDIAN PEAK RD. |
| | | | | | | | SEE F.B. 3704-18 |
| 3 | 7532 | 308 5 | 16 -2 18 58 | 298036 | 599 5 | 306 290 16 52 | |
| 4 | 15786 | 316 5 | 22 8 14 72 | 299318 | 600 5 | ½ 299 288 22 74 | |
| 5 | 6005 | 307 5 | 14 -2 16 88 | 294173 | 595 5 | 301 287 14 88 | |
| 6 | 12554 | 313 5 | 20 4 16 104 | 297829 | 598 5 | 304 289 15 103 | |
| 7 | 4338 | 305 5 | ½ 12 4 16 120 | 301594 | 602 5 | ½ 301 293 16 119 | |
| 8 | 13162 | 314 5 | 20 6 14 134 | 297888 | 598 5 | 304 290 14 133 | |
| | | | | | | | T = DREIER |
| 9 | 4994 | 305 5 | ½ 11 4 14 148 | 300001 | 601 5 | 306 294 12 145 | |
| 10 | 23468 | 324 5 | 29 17 12 160 | 300550 | 601 5 | 306 293 13 158 | |
| 11 | 26240 | 327 5 | 32 20 12 172 | 301293 | 602 5 | 307 294 13 171 | 5183.982 |
| 12 | 30175 | 331 5 | 36 23 13 185 | 290719 | 591 5 | 297 283 14 185 | 417.792 |
| | | | | | | | -4766.190 |
| 13 | 20616 | 321 5 | 27 13 14 199 | 291355 | 592 5 | 298 284 14 199 | |
| 14 | 11010 | 312 5 | 19 3 16 215 | 292197 | 593 5 | 300 284 16 215 | |
| 15 | 12790 | 313 5 | 20 4 16 231 | 296525 | 597 5 | 304 288 16 231 | |
| 16 | 24784 | 325 5 | 32 16 16 247 | 285159 | 586 5 | 293 277 16 247 | B.M. 50-4B |
| 17 | 55300 | 356 5 | 62 48 14 261 | 293221 | 594 5 | 300 286 14 261 | CRENSHAW BLVD. & SILVER SPUR RD. |
| 18 | 136372 | 437 5 | 138 135 3 264 | 168770 | 469 5 | 170 167 3 264 | SEE F.B. 3704-17 |
| B.M. 50-4B | 417792 | | | 5183982 | | 264 528 | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-2-70

INDEXED C.J. GALLI DATE

WEATHER HAZE

TIME 9:50 TO 10:30

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 95896

F.B. 3799 PG. 165

T: 78° TO 76°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-5B TO 50-6B |
| B.M. 50-5B | | | | | | | | | B.M. 50-5B |
| 1 | 290 | 508 | 591 5 | 304 276 28 | 3 | 957 | 304 5 | 17 2 3 28 | CRENSHAW BLVD. 395 FT. N.E. OF |
| 2 | 284 | 335 | 585 5 | 303 265 38 66 | 83 | 112 | 384 5 | 102 64 38 66 | INDIAN PEAK ROAD |
| 3 | 287 | 608 | 588 5 | 308 266 42 108 | 3 | 512 | 304 5 | 23 2 3 40 106 | SEE F.B. 3704-18 |
| 4 | 301 | 850 | 602 5 | 301 289 24 132 | 5 | 572 | 306 5 | 17 2 5 24 130 | |
| 5 | 294 | 061 | 595 5 | 306 282 24 156 | 27 | 010 | 328 5 | 39 15 24 154 | ● |
| 6 | 292 | 232 | 593 5 | 305 279 26 182 | 10 | 382 | 311 5 | 23 2 10 26 180 | * |
| 7 | 299 | 516 | 600 5 | 299 287 24 206 | 3 | 393 | 304 5 | 15 2 3 24 204 | |
| 8 | 297 | 460 | 598 5 | 307 287 20 226 | 106 | 400 | 407 5 | 117 95 22 226 | |
| 9 | 284 | 688 | 585 5 | 290 277 13 239 | 129 | 868 | 430 5 | 135 122 13 239 | |
| B.M. 50-6B | | | | | | | | 239 | B.M. 50-6B |
| | 2632 | 258 ✓ | | | 373 | 206 ✓ | | 478 | CRENSHAW BLVD. & 345 FT. S. OF |
| | 373 | 206 ✓ | | | | | | | CRESTRIDGE RD |
| | +2259 | 052 ✓ | | | | | | | SEE F.B. 3704-22 |

Π = DREIER

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 166 JOB NO. 0301.02

SURVEY OF LA. Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES SIEMANN 4-9-70

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 8:45 TO 9:35 ROD NO. 95/96

NOTES CHKD DATE

T-64°

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-6D TO 50-5B |
| B.M. 50-6-D | | | | | | | | | B.M. 50-6D |
| 1 | 8 | 600 | 309 5 | 12 4 8 | 261 | 265 | 562 5 | 265 257 8 | RD. CRENSHAW BLVD 345 FT. S. OF CRESTRIDGE |
| | | | | | | | | | SEE F.B. 3704-22 |
| 2 | 4 | 250 | 305 5 | 14 4 20 | 299 | 170 | 600 5 | 299 289 20 | |
| | | | | 28 | | | | 28 | |
| 3 | 38 | 256 | 339 5 | 49 27 22 | 299 | 250 | 600 5 | 299 288 22 | |
| | | | | 50 | | | | 50 | |
| 4 | 7 | 369 | 308 5 | 18 7 22 | 301 | 774 | 602 5 | 301 290 22 | |
| | | | | 72 | | | | 72 | |
| 5 | 34 | 908 | 335 5 | 45 23 22 | 298 | 390 | 599 5 | 298 287 22 | |
| | | | | 94 | | | | 94 | |
| 6 | 30 | 086 | 331 5 | 41 19 22 | 291 | 787 | 592 5 | 302 280 22 | T = DREIER |
| | | | | 116 | | | | 116 | |
| 7 | 33 | 821 | 334 5 | 44 22 22 | 270 | 548 | 571 5 | 281 257 24 | |
| | | | | 138 | | | | 140 | |
| 8 | 61 | 790 | 362 5 | 76 46 30 | 228 | 301 | 529 5 | 243 213 30 | |
| | | | | 168 | | | | 170 | |
| 9 | 61 | 253 | 362 5 | 76 46 30 | 301 | 241 | 602 5 | 301 285 32 | |
| | | | | 198 | | | | 202 | |
| 10 | 130 | 588 | 431 5 | 133 127 6 | 118 | 247 | 419 5 | 119 116 3 | |
| | | | | 204 | | | | 205 | |
| | | | | | | | | 204 | B.M. 50-5B |
| B.M. 50-5B | 410 | 921 | | | 2669 | 973 | | 409 | CRENSHAW BLVD. 395 FT. N.E. |
| | | | | | 410 | 921 | | | OF INDIAN PEAK RD. |
| | | | | | -2259 | 052 | | | SEE F.B. 3704-18 |

76P526B CE # 308 8/68

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-2-70 WEATHER 89° TO 66° LOW HAZE INST. NO. 96716
TIME 10:30 TO 11:15 ROD NO. 95, 96
INDEXED B.J. CALLI DATE NOTES CHKD DATE
F.B. 3799 PG. 167

| STATION | BACKSIGHT Right Mic. | Left | Stadia | FORESIGHT Right Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 50-6D TO 50-7 |
| B.M. 50-6D | | | | | | | B.M. 50-6D |
| 1 | 241 220 | 542 5 | 250<br>232 18 | 13 289 | 314 5 | 22<br>4 18 | CRENSHAW BLVD., 345 FT. S. OF CRESTRIDGE DR. |
| | | | | | | | SEE F.B. 3704-22 |
| 2 | 285 070 | 586 5 | 294<br>276 18 | 16 618 | 317 5 | 25<br>7 18 | |
| ~~3~~ | | | | | | | |
| 3 | 298 847 | 599 5 | 298 36<br>½ 287 22 | X6 333 | 307 5 | 17 36<br>½ 6 22 | J. MALDONADO |
| 4 | 271 599 | 572 5 | 280 58<br>262 18 | 24 291 | 325 5 | 34 58<br>14 20 | |
| 5 | 283 919 | 584 5 | 293 76<br>273 20 | 17 793 | 318 5 | 26 78<br>8 18 | |
| 6 | 296 849 | 597 5 | 307 96<br>286 21 | 6 270 | 307 5 | ½ 16 96<br>6 20 | |
| 7 | 298 137 | 599 5 | 117<br>308<br>288 20 | 3 028 | 304 5 | 116<br>13<br>½ 3 20 | |
| 8 | 301 292 | 602 5 | 306 137<br>½ 293 16 | 21 002 | 322 5 | 29 136<br>13 16 | |
| 9 | 297 218 | 598 5 | 305 153<br>288 17 | 5 621 | 306 5 | 14 152<br>½ 5 18 | |
| 10 | 299 357 | 600 5 | 170<br>399<br>½ 288 22 | 30 280 | 331 5 | 170<br>40<br>20 20 | |
| 11 | 296 254 | 597 5 | 192<br>1296<br>½ 274 44 | 176 717 | 477 5 | 190<br>198<br>154 44 | |
| | | | 236 | | | 234 | |
| | | | | | | 236 | |
| | 3169 762 | | | 321 242 | | 470 | |
| B.M. 50-7 | 321 242 | | | | | | B.M. 50-7 |
| | +2848 520 | | | | | | CRENSHAW BLVD. & CREST ROAD |
| | | | | | | | SEE F.B. 2400-13 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 Pg. 168 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-7-70

INDEXED C. J. GALLI DATE

WEATHER CLEAR-BREEZE 62° INST. NO. 96716

TIME 2:30 TO ROD NO. 95,96

NOTES CHKD DATE

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-7 TO 50-6D |
| B.M. 50-7 | | | | | | | | | B.M. 50-7 |
| 1 | 182 | 692 | 483 5 | 191 173 18 | 174 | 643 | 475 5 | 184 164 20 | CRENSHAW BLVD. & CREST ROAD |
| | | | | | | | | | SEE F.B. 2400-13 |
| 2 | 23 | 807 | 324 5 | 40 6 34 | 298 | 174 | 599 5 | 1298 2285 26 | |
| | | | | 52 | | | | 46 | |
| 3 | 20 | 982 | 321 5 | 29 11 18 | 299 | 138 | 600 5 | 1299 2287 24 | J. MALDONADO |
| | | | | 70 | | | | 70 | |
| 4 | 7 | 138 | 308 5 | 14 0 14 | 287 | 922 | 588 5 | 295 279 16 | |
| | | | | 84 | | | | 86 | |
| 5 | 20 | 267 | 321 5 | 28 12 16 | 271 | 090 | 572 5 | 278 264 14 | |
| | | | | 100 | | | | 100 | |
| 6 | 18 | 882 | 319 5 | 26 10 16 | 277 | 559 | 578 5 | 285 269 16 | |
| | | | | 116 | | | | 116 | |
| 7 | 32 | 461 | 333 5 | 40 24 16 | 276 | 954 | 577 5 | 285 267 18 | |
| | | | | 132 | | | | 134 | |
| 8 | 34 | 467 | 335 5 | 43 25 18 | 265 | 257 | 566 5 | 274 256 18 | |
| | | | | 150 | | | | 152 | |
| 9 | 19 | 771 | 320 5 | 28 10 18 | 277 | 998 | 578 5 | 287 267 20 | |
| | | | | 168 | | | | 172 | |
| 10 | 29 | 931 | 330 5 | 38 20 18 | 254 | 363 | 555 5 | 261 247 14 | |
| | | | | 186 | | | | 186 | |
| 11 | 15 | 489 | 316 5 | 24 6 18 | 288 | 313 | 589 5 | 298 278 20 | |
| | | | | 204 | | | | 206 | |
| 12 | 9 | 142 | 310 5 | 20 -2 22 | 292 | 248 | 593 5 | 302 282 20 | |
| | | | | 226 | | | | 226 | |
| B.M. 50-6D | | | | | | | | 226 | B.M. 50-6D. |
| | 415 | 029 | | | 3263 | 659 | | 452 | CRENSHAW BLVD, 345 FT. S. OF CRESTRIDGE RD. |
| | | | | | 415 | 029 | | | SEE F.B. 3704-22 |
| | | | | | -2848 | 630 | | | |

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-2-70 TIME 11:15 TO 11:50 WEATHER 65° LOW HAZE INST. NO. 96716
INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 25896
F.B. 3799 PG. 169

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS From 50-7 To 50-14A |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 50-7 | | | | | | | | | B.M. 50-7 |
| 1 | 207 | 478 | 508 5 | 231<br>183 48 | 66 | 321 | 367 5 | 90<br>42 48 | CRENSHAW BLVD & CREST ROAD N.E. COR |
| | | | | | | | | | SEE F.B. 2400-13 |
| 2 | 280 | 297 | 581 5 | 305<br>255 50<br>98 | 87 | 111 | 388 5 | 112<br>62 50<br>98 | |
| 3 | 46 | 424 | 347 5 | 73<br>19 54<br>152 | 300 | 432 | 601 5 | 1300<br>278 44<br>142 | J. MALDONADO |
| 4 | 83 | 569 | 384 5 | 102<br>64 38<br>190 | 291 | 995 | 592 5 | 291<br>273 36<br>178 | |
| 5 | 50 | 261 | 351 5 | 63<br>37 26<br>216 | 289 | 424 | 590 5 | 307<br>271 36<br>214 | |
| 6 | 17 | 068 | 318 5 | 32<br>2 30<br>246 | 247 | 597 | 548 5 | 263<br>231 32<br>246 | |
| 7 | 135 | 294 | 436 5 | 138<br>132 6<br>252 | 171 | 659 | 472 | 174<br>168 6<br>252 | |
| B.M. 50-14A | 820 | 391 | | | 454 | 539 | | 252<br>504 | B.M. 50-14A<br>CREST RD. & WHITLEY COLLINS DR<br>SEE F.B. 3704-28 |
| | | | | | 820 | 391 | | | |
| | | | | | 634 | 148 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-14A TO 50-7 |
| B.M.50-14A | | | | | | | | | B.M.50-14A |
| 1 | 271 | 421 | 522 5 | 235 / 207 28 | 42 | 863 | 343 5 | 56 / 28 28 | CREST RD. & WHITLEY COLLINS DR. |
| | | | | | | | | | SEE F.B. 3704-2B |
| 2 | 288 | 011 | 589 5 | 305 / 271 34 | 14 | 449 | 315 5 | 31 / 1/2 14 34 | |
| | | | | 62 | | | | 62 | |
| 3 | 295 | 054 | 596 5 | 1/2 295 / 278 34 | 19 | 448 | 320 5 | 38 / 0 38 | |
| | | | | 96 | | | | 100 | ⊼ J. MALDONADO |
| 4 | 273 | 287 | 574 5 | 294 / 252 42 | 95 | 143 | 396 5 | 113 / 77 36 | |
| | | | | 138 | | | | 136 | |
| 5 | 88 | 359 | 389 5 | 112 / 64 48 | 260 | 273 | 561 5 | 284 / 236 48 | |
| | | | | 186 | | | | 184 | |
| 6 | 110 | 787 | 411 5 | 135 / 85 50 | 210 | 239 | 511 5 | 237 / 183 54 | |
| | | | | 236 | | | | 238 | |
| | | | | | | | | 236 | B.M.50-7 |
| B.M50-7 | 1276 | 919 | | | 642 | 415 | | 474 | CRENSHAW BLVD & CREST RD. |
| | 642 | 415 | | | | | | | SEE F.B. 2400-13 |
| | +634 | 504 | | | | | | | |

F.B. 3799 PG. 170 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-7-70

INDEXED C. J. GALLI DATE

WEATHER CLEAR 66°

TIME 2:00 TO 2:30

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 95, 96

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | FORESIGHT RERUN | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 50-7 TO 50-14A |
| 50-7 | | | | | | | | | B.M. 50-7 |
| 1 | 220 | 643 | 521 5 | 252 / 188 64 | 9 | 463 | 310 5 | ½ 42 / 9 66 | CRENSHAW BLVD. & CREST RD |
| | | | | | | | | | SEE F.B. 2400-13 |
| 2 | 249 | 818 | 550 5 | 272 / 226 46 / 110 | 161 | 516 | 462 5 | 183 / 139 44 / 110 | |
| 3 | 12 | 032 | 313 5 | ½ 34 / 12 44 / 154 | 301 | 098 | 602 5 | ½ 301 / 281 40 / 150 | ⊼ J. MALDONADO |
| 4 | 26 | 002 | 327 5 | 41 / 11 30 / 184 | 280 | 755 | 581 5 | 299 / 261 36 / 186 | |
| 5 | 26 | 523 | 327 5 | 42 / 10 32 / 216 | 293 | 557 | 594 5 | 308 / 278 30 / 216 | |
| 6 | 75 | 911 | 376 5 | 87 / 63 24 / 240 | 198 | 853 | 499 5 | 210 / 186 24 / 240 | B.M. 50-14A |
| B.M. 50-14A | | | | | | | | 240 | CREST ROAD & WHITLEY COLLINS DR |
| | 610 | 929 | | | 1245 | 242 | | 480 | SEE F.B. 3704-28 |
| | | | | | 610 | 929 | | | |
| | | | | | 634 | 313 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-10-70

INDEXED C.J. GALLI DATE

WEATHER 80° CLEAR

TIME 10:05 TO 10:25

NOTES CHKD [signature] DATE

INST. NO. 96716

ROD NO. 95896

F.B. 3799 PG. 171

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS FROM 50-14A TO 50-7 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 50-14A | | | | | | | | | B.M. 50-14A |
| 1 | 233 | 488 | 534.5 | 250<br>216 34 | 20 | 933 | 321.5 | 37<br>5 32 | CREST RD. & WHITLEY COLLINS DR |
| | | | | | | | | | SEE F.B. 3704-28 |
| 2 | 251 | 491 | 552.5 | 264<br>238 26<br>60 | 41 | 303 | 342.5 | 54<br>28 26<br>58 | |
| 3 | 276 | 976 | 577.5 | 292<br>260 32<br>92 | 9 | 641 | 310.5 | 1/2 26<br>2 9 34<br>92 | J. MALDONADO |
| 4 | 250 | 365 | 551.5 | 264<br>236 28<br>120 | 64 | 831 | 365.5 | 78<br>50 28<br>120 | |
| 5 | 190 | 289 | 491.5 | 211<br>169 42<br>162 | 219 | 130 | 520.5 | 240<br>198 42<br>162 | |
| 6 | 36 | 393 | 337.5 | 58<br>14 44<br>206 | 234 | 367 | 535.5 | 258<br>210 48<br>210 | |
| 7 | 157 | 281 | 458.5 | 172<br>142 30<br>236 | 171 | 431 | 472.5 | 184<br>158 26<br>236 | |
| B.M. 50-7 | | | | | | | | 236<br>472 | B.M. 50-7 |
| | 1396 | 283 | | | 761 | 636 | | | CRENSHAW BLVD. & CREST RD |
| | 761 | 636 | | | | | | | SEE F.B. 2400-13 |
| | +634 | 647 | | | | | | | |

F.B. 3799 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-10-70

INDEXED C.J. GALLI DATE

NOTES CHKD DATE

TIME 10:25 TO 11:00

WEATHER LOW HAZE

78

INST. NO. 96716

ROD NO. 95896

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | FORESIGHT 2nd RERUN | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | RIGHT MIC. | LEFT. | STADIA | FROM 50-7 TO 50-14A |
| B.M. 50-7 | | | | | | | B.M. 50-7 |
| 1 | 208 307 | 509 5 | 235 181 54 | 53 966 | 354 5 | 80 26 54 | CRENSHAW BLVD. & CREST RD |
| | | | | | | | SEE F.B. 2460-13 |
| 2 | 234 475 | 535 5 | 248 220 28 82 | 80 817 | 381 5 | 94 66 28 82 | |
| 3 | 173 992 | 474 5 | 189 157 32 114 | 208 803 | 509 5 | 224 192 32 114 | J. MALDONADO |
| 4 | 70 344 | 371 5 | 86 54 32 146 | 284 050 | 585 5 | 301 267 34 148 | |
| 5 | 37 012 | 338 5 | 51 23 28 174 | 286 194 | 587 5 | 303 269 34 182 | |
| 6 | 27 236 | 328 5 | 42 12 30 204 | 241 482 | 542 5 | 252 230 22 204 | |
| 7 | 6 336 | 307 5 | 1/2 24 6 38 240 | 236 834 | 537 5 | 254 218 36 240 | |
| B.M. 50-14A | | | | | | 240 | B.M. 50-14A |
| | 757 702 | | | 1392146 | | 480 | CREST RD. & WHITLEY COLLINS DR. |
| | | | | 757 702 | | | SEE F.B. 3704-28 |
| | | | | 634 444 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-10-70 TIME 11:00 WEATHER CLEAR INST. NO. 26716

INDEXED G.J. GALLI DATE NOTES CHKD DATE ROD NO. 15896

780

F.B. 3799 PG. 173

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT 2nd RERUN RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS FROM 50-14A TO 50-7 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 50-14A | | | | | | | | | B.M. 50-14A |
| 1 | 240 | 050 | 541 5 | 257 223 34 | 20 | 445 | 321 5 | 37 3 34 | CREST RD. & WHITLEY COLLINS DR SEE F.B. 3704-28 |
| 2 | 260 | 232 | 561 5 | 274 246 28 62 | 36 | 503 | 337 5 | 50 22 28 62 | |
| 3 | 269 | 652 | 570 5 | 284 254 30 92 | 19 | 427 | 320 5 | 33 5 28 90 | ⊼ J. MALDONADO |
| 4 | 256 | 273 | 557 5 | 271 241 30 122 | 68 | 966 | 369 5 | 82 54 28 118 | |
| 5 | 190 | 607 | 491 5 | 209 171 38 160 | 221 | 569 | 522 5 | 242 200 42 160 | |
| 6 | 52 | 292 | 353 5 | 70 34 36 196 | 222 | 421 | 523 5 | 241 203 38 198 | |
| 7 | 134 | 444 | 435 5 | 151 117 34 230 | 179 | 954 | 480 5 | 196 162 34 232 | |
| B.M. 50-7 | | | | | | | | 230 | B.M. 50-7 |
| | 1403 | 550 | | | 769 | 285 | | 462 | CRENSHAW BLVD. & CREST RD. SEE F.B. 2400-13 |
| | 769 | 285 | | | | | | | |
| | + 634 | 265 | | | | | | | |

F.B. 3799 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-10-70

INDEXED C. J. GALLI DATE

WEATHER HAZE INST. NO. 96716

TIME 11:40 ROD NO. 95896

NOTES CHKD [illegible] DATE

740

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR 68°
NOTES BY G.E. DREIER DATE 4-2-70 TIME 1100 TO 1135 INST. NO. 96716
INDEXED G.J. GALLI DATE NOTES CHKD DATE ROD NO. 95896
F.B. 3799 PG. 175

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-14A TO 50-15 |
| BM 50-14A | | | | | | | | | B.M. 50-14A |
| 1 | 96 | 253 | 397 5 | 130 62 68 | 206 | 079 | 507 5 | 241 171 70 | CREST ROAD & WHITLEY COLLINS DR. |
| | | | | | | | | | SEE F.B. 3704-28 |
| 2 | 21 | 313 | 322 5 | ½ 51 21 60 | 281 | 498 | 582 5 | 308 254 54 | |
| 3 | 21 | 440 | 322 5 | 128 38 4 36 | 262 | 551 | 563 5 | 124 281 243 38 | |
| 4 | 43 | 703 | 344 5 | 164 62 24 38 | 262 | 958 | 563 5 | 162 282 242 40 | T J. MALDONADO |
| 5 | 14 | 471 | 315 5 | 202 38 ½ 14 48 | 290 | 049 | 591 5 | 202 290 266 48 | |
| 6 | 11 | 203 | 312 5 | 250 36 ½ 11 50 | 285 | 824 | 586 5 | 250 308 260 48 | |
| 7 | 125 | 192 | 426 5 | 300 135 115 20 | 206 | 032 | 507 5 | 298 219 193 26 | |
| | | | | 320 | | | | 324 | |
| BM 50-15 | | | | | | | | 320 | BM 50-15 (S.P.HILLS G-5A 1962) |
| | 333 | 575 | | | 1794 | 991 | | 644 | CREST RD & HIGHRIDGE RD, ℄ INT. |
| | | | | | 333 | 575 | | | SEE F.B. 3704-29 |
| | | | | | 1461 | 416 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 176 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES G.E.DREIER 4-7-70

INDEXED C.J.GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 1:25 TO 2:00 ROD NO. 95-96

NOTES CHKD [illegible] DATE

66°

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-15 TO 50-14A |
| B.M. 50-15 | | | | | | | | | B.M. 50-15 |
| 1 | 258 | 453 | 559 5 | 285 231 54 | 5 | 159 | 306 5 | 1/2 32 5 54 | CREST ROAD & HIGHRIDGE RD. |
| | | | | | | | | | SEE F.B. 3704-29 |
| 2 | 279 | 439 | 580 5 | 302 256 46 100 | 13 | 463 | 314 5 | 136 213 46 100 | |
| 3 | 255 | 439 | 556 5 | 272 238 34 134 | 43 | 092 | 344 5 | 60 26 34 134 | |
| 4 | 276 | 436 | 577 5 | 294 258 36 170 | 31 | 961 | 332 5 | 50 12 38 172 | π J. MALDONADO |
| 5 | 279 | 631 | 580 5 | 300 258 42 212 | 30 | 563 | 331 5 | 51 9 42 214 | |
| 6 | 269 | 863 | 570 5 | 298 240 58 270 | 122 | 640 | 423 5 | 150 94 56 270 | |
| 7 | 198 | 773 | 499 5 | 223 173 50 320 | 109 | 809 | 410 5 | 136 82 54 324 | |
| BM. 50-14A | | | | | | | | 320 | BM. 50-14A |
| | 1818034 | | | | 356 687 | | | 644 | CREST ROAD & WHITLEY COLLINS DR |
| | 356687 | | | | | | | | SEE F.B. 3704-28 |
| | +1461347 | | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | 675 | 5 | | | 655 | 43 | | | FROM 50-15 TO 50-16 |
| B.M. 50-15 | | | | | | | | | B.M. 50-15 |
| 1 | 98 | 700 | 399 5 | 128 / 68 60 | 216 | 753 | 517 5 | 244 / 188 56 | CREST ROAD & HIGHRIDGE ROAD |
| | | | | | | | | | SEE F.B. 3704-29 |
| 2 | 74 | 160 | 375 5 | 104 / 44 60 | 213 | 749 | 514 5 | 243 / 183 60 | |
| | | | | 120 | | | | 116 | |
| 3 | 22 | 876 | 323 5 | 46 / ½ 22 48 | 294 | 860 | 595 5 | 294 / 271 50 | π R. SIEMANN |
| | | | | 168 | | | | 166 | |
| 4 | 27 | 877 | 328 5 | 44 / 10 34 | 283 | 220 | 584 5 | 302 / 264 38 | |
| | | | | 202 | | | | 204 | |
| 5 | 9 | 238 | 310 5 | 24 / ½ 9 30 | 283 | 132 | 584 5 | 298 / 268 30 | |
| | | | | 232 | | | | 234 | |
| 6 | 11 | 968 | 312 5 | 28 / ½ 11 34 | 278 | 875 | 579 5 | 297 / 259 38 | |
| | | | | 266 | | | | 272 | |
| 7 | 100 | 818 | 401 5 | 117 / 83 34 | 222 | 751 | 523 5 | 239 / 205 34 | |
| | | | | 300 | | | | 306 | |
| 8 | 68 | 895 | 369 5 | 92 / 44 48 | 234 | 101 | 535 5 | 256 / 212 44 | |
| | | | | 348 | | | | 350 | |
| 9 | 39 | 771 | 340 5 | 64 / 14 50 | 298 | 450 | 599 5 | 298 / 274 48 | |
| | | | | 398 | | | | 398 | |
| 10 | 24 | 919 | 325 5 | 43 / 5 38 | 263 | 279 | 564 5 | 282 / 244 38 | |
| | | | | 436 | | | | 436 | |
| 11 | 62 | 632 | 363 5 | 75 / 49 26 | 219 | 229 | 520 5 | 232 / 206 26 | |
| | | | | 462 | | | | 462 | |
| B.M. 50-16 | | | | | | | | 462 | B.M. 50-16 |
| | 541 | 854 | | | 2808 | 399 | | 924 | CREST RD. 204 FT. E. OF LA CROIX DR |
| | | | | | 541 | 854 | | | SEE F.B. 3704-31 |
| | | | | | 2266 | 545 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-2-70

INDEXED C.J. GALLI DATE

WEATHER 68° CLEAR

TIME 1:35 TO 2:30

NOTES CHKD [signature] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3799 PG. 177

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 178 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-7-70

INDEXED C.J. GALLI DATE

WEATHER CLEAR 67° TIME 11:40 TO 1:25 NOTES CHKD DATE

INST. NO. 96216 ROD NO. 95, 96

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-16 TO 50-15 |
| B.M. 50-16 | | | | | | | | | B.M. 50-16 |
| 1 | 299 | 593 | 600 5 | 299 / 282 34 | 60 | 479 | 361 5 | 77 / 43 34 | CREST RD 204 FT. E. OF LA CROIX DR. |
| | | | | | | | | | SEE F.B. 3704-31 |
| 2 | 277 | 350 | 578 5 | 296 / 258 38 / 72 | 57 | 800 | 358 5 | 76 / 38 38 / 72 | |
| 3 | 301 | 232 | 602 5 | 301 / 276 50 | 78 | 812 | 379 5 | 104 / 52 52 | |
| 4 | 218 | 511 | 519 5 | 242 / 194 48 / 122 | 68 | 800 | 369 5 | 91 / 45 46 / 124 | T R. SIEMANN |
| 5 | 241 | 482 | 542 5 | 268 / 214 54 / 170 | 31 | 869 | 332 5 | 57 / 5 52 / 170 | |
| 6 | 279 | 551 | 580 5 | 294 / 264 30 / 224 | 35 | 190 | 336 5 | 50 / 20 30 / 222 | |
| 7 | 295 | 401 | 596 5 | 295 / 279 32 / 254 | 48 | 079 | 349 5 | 62 / 34 28 / 252 | |
| 8 | 290 | 600 | 591 5 | 305 / 275 30 / 286 | 10 | 530 | 311 5 | 27 / 210 34 / 280 | |
| 9 | 294 | 689 | 595 5 | 294 / 269 50 / 316 | 52 | 970 | 353 5 | 78 / 26 52 / 314 | |
| 10 | 210 | 064 | 511 5 | 235 / 185 50 / 366 | 92 | 383 | 393 5 | 116 / 68 48 / 366 | |
| 11 | 203 | 760 | 504 5 | 228 / 178 50 / 416 | 108 | 905 | 409 5 | 134 / 82 52 / 414 | |
| | | | | 466 | | | | 466 | |
| B.M. 50-15 | | | | | | | | 466 | B.M. 50-15 |
| | 2912233 | | | | 645817 | | | 932 | CREST ROAD & HIGHRIDGE RD |
| | 645.817 | | | | | | | | SEE F.B. 3704-29 |
| | +2266416 | | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 64°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-2-70 WEATHER CLEAR INST. NO 96716

INDEXED C.J. GALLI DATE TIME 2130 TO 3:15 ROD NO. 95,96

NOTES CHKD [illegible] DATE

F.B. 3799 PG. 179

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 50-16 TO 50-17 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 50-16 | | | | | | | | | B.M. 50-16 |
| 1 | 15 | 344 | 316 5 | ½ 36 15 42 | 285 | 441 | 586 5 | 306 264 42 | CREST ROAD & 204 FT. E. OF LA CROIX DR. |
| | | | | | | | | | SEE F.B. 3704-31 |
| 2 | 19 | 511 | 320 5 | 38 0 38 | 296 | 395 | 597 5 | 296 ½ 277 38 | |
| 3 | 14 | 741 | 315 5 | 28 0 80 28 108 | 299 | 952 | 600 5 | 299 ½ 286 80 26 | |
| 4 | 20 | 224 | 321 5 | 32 8 24 | 297 | 247 | 598 5 | 297 ½ 286 106 22 | ⊼ R. SIEMANN |
| 5 | 11 | 188 | 312 5 | 21 1 132 20 152 | 297 | 775 | 598 5 | 305 289 128 16 | |
| 6 | 16 | 330 | 317 5 | 23 9 14 | 295 | 609 | 596 5 | 303 287 144 16 | |
| 7 | 13 | 589 | 314 5 | 19 7 166 12 | 297 | 750 | 598 5 | 306 288 160 18 | |
| 8 | 20 | 160 | 321 5 | 27 13 178 14 | 286 | 110 | 587 5 | 293 279 178 14 | |
| 9 | 8 | 680 | 309 5 | 16 0 192 16 | 293 | 030 | 594 5 | 300 286 192 14 | |
| 10 | 12 | 820 | 313 5 | 19 5 208 14 | 295 | 820 | 596 5 | 302 288 206 14 | |
| 11 | 7 | 679 | 308 5 | 14 0 222 14 | 294 | 529 | 595 5 | 301 287 220 14 | |
| 12 | 17 | 201 | 318 5 | 24 10 236 14 | 298 | 151 | 599 5 | 298 ½ 290 234 16 | |
| 13 | 8 | 339 | 309 5 | ½ 17 8 250 18 | 275 | 394 | 576 5 | 284 266 250 18 | |
| 14 | 114 | 050 | 415 5 | 124 104 268 20 | 248 | 169 | 549 5 | 258 238 268 20 | |
| | | | | 288 | | | | 288 | |
| B.M. 50-17 | 299 | 856 | | | 40 ~~366~~ 1 | 372 | | 288 | B.M. 50-17 |
| | | | | | 299 | 856 | | 576 | CREST RD. & HAWTHORNE BLVD. |
| | | | | | ~~366~~ 1 | 516 | | | SEE F.B. 3704-33 |
| | | | | | -37 | | | | |

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**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 180 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-7-70

INDEXED C.J. GALLI DATE

WEATHER 63° CLEAR CLOUDS CLOUD INST. NO. 96716

TIME 10:55 TO 11:40 ROD NO. 95, 96

NOTES CHKD DATE

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | 9 8 8 6 5 | | | 7 6 6 6 | | | FROM 50-17 TO 50-16 |
| B.M. 50-17 | | | | | | | B.M. 50-17 |
| 1 | 298.747 | 5995 | 298 ½ 285 26 | 5.085 | 3065 | 18 ½ 5 26 | CREST RD. & HAWTHORNE BLVD |
| | | | | | | | SEE F.B. 3704-33 |
| 2 | 290 504 | 5915 | 298 282 16 | 15.641 | 3165 | 23 7 16 | |
| 3 | 299010 | 6005 | 306 42 292 14 | 7.031 | 308.5 | 14 42 0 14 | |
| | | | | | | 56 | ↑ R. SIEMANN |
| 4 | 301.699 | 6025 | 301 56 ½ 294 14 | 6.979 | 307.5 | 14 ½ 6 16 | |
| 5 | 298581 | 5995 | 305 70 291 14 | 16.369 | 317.5 | 23 9 72 14 | |
| | | | | | | 86 | |
| 6 | 300769 | 6015 | 307 84 ½ 293 14 | 22.308 | 323.5 | 29 15 14 | |
| 7 | 295 711 | 5965 | 303 98 287 16 | 7.308 | 308.5 | 15 100 -1 16 | |
| | | | | | | 116 | |
| 8 | 301.714 | 602.5 | 301 114 ½ 293 16 | 6.672 | 367.5 | 13 ½ 6 14 | |
| 9 | 292 803 | 5935 | 360 130 284 16 | 27.830 | 328.5 | 35 130 19 16 | |
| 10 | 301 329 | 602.5 | 301 146 ½ 291 20 | 7.392 | 308.5 | 17 146 ½ 7 20 166 | |
| 11 | 293 781 | 5945 | 303 166 283 20 | 34.621 | 335.5 | 44 24 20 | |
| 12 | 299 441 | 6005 | 299 186 ½ 287 24 | 27.817 | 328.5 | 39 186 15 24 | |
| | | | 210 | | | 210 | |
| 13 | 270 591 | 571.5 | 283 257 26 | 60.181 | 361.5 | 74 46 28 | |
| | | | | | | 238 | |
| 14 | 265459 | 5665 | 286 286 244 42 | 103.459 | 404.5 | 123 83 40 | |
| | | | 278 | | | 278 | |
| BM. 50-16 | | | | | | 278 | B.M. 50-16 |
| | 4110 139 | | | 348 693 | | 556 | CREST RD. 204 FT. E. OF LA CROIX DR. |
| | 348 693 | | | | | | SEE F.B. 3704-31 |
| | + 3761 446 | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 4-3-70

INDEXED C.J. GALLI DATE

WEATHER Sunny & H. Breeze INST. NO 96716

TIME 8:45 to 9:40 ROD NO 95 & 96

NOTES CHKD [illegible] DATE

T-64°

F.B. 3799 PG. 181

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 50-17 TO 50-18 |
|---|---|---|---|---|---|---|---|---|---|
| B.M 50-17 | 266 | 74 | | 32 | 266 | 64 | | 249 | B.M. 50-17 |
| 1 | 18 | 382 | 319 5 | 4 28 | 234 | 084 | 535 5 | 219 30 | CREST RD. & HAWTHORNE BLVD. |
| | | | | 39 | | | | 298 1/2 | SEE F.B. 3704-33 |
| 2 | 24 | 781 | 325 5 | 9 30 | 298 | 577 | 599 5 | 286 24 | |
| | | 268 | | 25 58 | | | | 300 1/2 54 | |
| 3 | 14 | ~~278~~ | 315 5 | 3 22 | 300 | 001 | 601 5 | 288 24 | |
| | | | | 15 80 | | | | 294 78 | X-Dreier |
| 4 | 4 | 783 | 305 5 | 4 1/2 22 | 282 | 571 | 583 5 | 270 24 | |
| | | | | 19 102 | | | | 299 1/2 102 | |
| 5 | 8 | 741 | 309 5 | 8 1/2 22 | 299 | 970 | 600 5 | 289 22 | |
| | | | | 17 124 | | | | 301 1/2 124 | |
| 6 | 5 | 323 | 306 5 | 5 1/2 24 | 301 | 752 | 602 5 | 290 22 | |
| | | | | 29 148 | | | | 300 1/2 146 | |
| 7 | 19 | 457 | 320 5 | 9 20 | 300 | 358 | 601 5 | 289 22 | |
| | | | | 28 168 | | | | 304 168 | |
| 8 | 17 | 726 | 318 5 | 6 22 | 293 | 645 | 594 5 | 282 22 | |
| | | | | 39 190 | | | | 297 190 | |
| 9 | 27 | 121 | 328 5 | 15 24 | 285 | 669 | 586 5 | 273 24 | |
| | | | | 46 214 | | | | 265 214 | |
| 10 | 30 | 452 | 331 5 | 14 32 | 249 | 633 | 550 5 | 233 32 | |
| | | | | 121 246 | | | | 265 246 | |
| 11 | 102 | 171 | 403 5 | 83 38 | 246 | 572 | 547 5 | 227 38 | |
| | | | | 59 284 | | | | 295 1/2 284 | |
| 12 | 40 | 570 | 341 5 | 21 38 | 295 | 817 | 596 5 | 278 34 | |
| | | | | 125 322 | | | | 177 318 | |
| 13 | 121 | 748 | 422 5 | 117 8 | 176 | 120 | 477 5 | 174 3 | BM 50-18 |
| | 435 | 523 ✓ | | | 3564 | 769 ✓ | | | Hawthorne Blvd. & 220 Ft. N. of Los |
| | | | | 330 | 435 | 523 ✓ | | 321 | Verdes Dr. |
| BM 50-18 | | | | | 3129 | 246 | | 330 | See F.B. 3704-35 |
| | | | | | | | | 651 | |

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-18 TO 50-17 |
| B.M. 50-18 | | | | 291 | | | | 53 | B.M. 50-18 |
| 1 | 273 | ~~27~~ 712 | 574 5 | 255 36 | 36 | 411 | 337 5 | 19 34 | HAWTHORNE BLVD, 220 FT. N. OF LAS VERDES DR. |
| | | | | 305 | | | | 90 | SEE F.B. 3704-35 |
| 2 | 282 | 673 | 583 5 | 259 46 | 66 | 090 | 367 5 | 42 48 | |
| | | | | 271 82 | | | | 22 1/2 82 | |
| 3 | 251 | 818 | 552 5 | 231 40 | 3 | 053 | 304 5 | 3 2 38 | |
| | | | | 300 122 | | | | 18 1/2 120 | |
| 4 | 300 | 742 | 601 5 | 388 1/2 24 | 6 | 663 | 307 5 | 6 1/2 24 | |
| | | | | 308 146 | | | | 17 1/2 144 | π-Dreier |
| 5 | 297 | 948 | 598 5 | 286 22 | 5 | 380 | 306 5 | 5 1/2 24 | |
| | | | | 295 168 | | | | 30 168 | |
| 6 | 285 | 241 | 586 5 | 275 20 | 20 | 797 | 321 5 | 10 20 | |
| | | | | 300 1/2 188 | | | | 21 188 | |
| 7 | 300 | 291 | 601 5 | 289 1/2 22 | 10 | 820 | 311 5 | -1 22 | |
| | | | | 303 210 | | | | 27 210 | |
| 8 | 293 | 173 | 594 5 | 283 20 | 17 | 195 | 318 5 | 7 20 | |
| | | | | 301 1/2 230 | | | | 15 230 | |
| 9 | 301 | 998 | 602 5 | 290 1/2 22 | 4 | 390 | 305 5 | 4 1/2 22 | |
| | | | | 303 252 | | | | 22 252 | |
| 10 | 292 | 304 | 593 5 | 281 22 | 11 | 217 | 312 5 | 0 22 | |
| | | | | 306 274 | | | | 37 274 | |
| 11 | 295 | 362 | 596 5 | 284 22 | 26 | 202 | 327 5 | 15 22 | |
| | | | | 261 296 | | | | 100 296 | |
| 12 | 254 | 857 | 555 5 | 246 15 | 92 | 859 | 393 5 | 84 16 | |
| | | | | 311 | | | | 312 | BM 50-17 |
| | | | | | | | | 311 | Crest Dr. & Hawthorne Blvd. |
| | 3430 | 119 | | | 301 | 077 | | 623 | See F.B. 3704-33 |
| | 301 | 077 | | | | | | | |
| BM 50-17 | +3129 | 042 | | | | | | | |

F.B. 3799 PG. 182 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 4-7-70

INDEXED C. J. GALLI DATE

WEATHER Sunny & INST. NO. 96716

TIME 10:10 to ROD NO. 95,96

NOTES CHKD DATE

T-12

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.F. Dreier

NOTES BY Maldonado DATE 4-3-70 TIME 9:40 to 10:15 WEATHER Sunny, Bright Breeze INST. NO. 96716

INDEXED G.J. GALLI DATE NOTES CHKD DATE ROD NO. 95496

T-68

F.B. 3799 PG. 183

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS (From 50-18 To 50-19) |
|---|---|---|---|---|---|---|---|
| BM 50-19 | 26 5 44 | | 21, | 644 44 | | 301, | BM 50-18 |
| 1 | 7 918 | 308 5 | 7½ 28 | 301 998 | 602 5 | 288½ 26 | Hawthorne Blvd. & 220 Ft. N. of |
| | | | 29 | | | 298 | Los Verdes Dr. |
| 2 | 18 845 | 319 5 | 7 22 | 286 700 | 587 5 | 274 24 | See F.B. 3704-35 |
| | | | 17, 50 | | | 301, 50 | |
| 3 | 4 570 | 305 5 | 4½ 26 | 301 647 | 602 5 | 288½ 26 | |
| | | | 52 76 | | | 282 76 | |
| 4 | 41 574 | 342 5 | 30 22 | 271 211 | 572 5 | 260 22 | |
| | | | 50 98 | | | 307 98 | |
| 5 | 39 049 | 340 5 | 28 22 | 296 347 | 597 5 | 285 22 | T-Dreier |
| | | | 36 120 | | | 303 120 | |
| 6 | 25 023 | 326 5 | 14 22 | 292 337 | 593 5 | 281 22 | |
| | | | 39 142 | | | 298, 142 | |
| 7 | 28 670 | 329 5 | 17 22 | 298 762 | 599 5 | 286½ 24 | |
| | | | 40 164 | | | 296 166 | |
| 8 | 29 822 | 330 5 | 18 22 | 285 023 | 586 5 | 274 22 | |
| | | | 28 186 | | | 303 188 | |
| 9 | 16 358 | 317 5 | 4 24 | 292 440 | 593 5 | 281 22 | |
| | | | 227 210 | | | 252 210 | |
| 10 | 222 835 | 523 5 | 217 10 | 247 345 | 548 5 | 241 11 | |
| | | | 220 | | | 221 | |
| | | | | | | 220 | |
| | 434 664 | | | 2873810 | | 441 | |
| | | | | 434 664 | | | BM 50-19 |
| | | | | 2439 146 | | | Hawthorne Blvd. & Dupre Dr. |
| BM 50-19 | | | | | | | see F.B. 3704-37 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

F.B. 3799 Pg. 184 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-7-70

INDEXED C. J. GALL DATE

WEATHER Sunny & Windy DIST. NO. 96716

TIME 9:30 to 10:10 ROD NO. 95896

NOTES CHKD Dreier DATE

T-62°

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-19 TO 50-18 |
| BM 50-19 | 52653 | | | 301 | 56.44 | | | 27 | BM 50-19 |
| 1 | 301520 | | 602.5 | 290½ 22 | 16.913 | | 317.5 | 7 20 | Hawthorne Blvd., & Dupre Dr. |
| | | | | 281 | | | | 37 | See F.B. 3704-37 |
| 2 | 272988 | | 573.5 | 262 19 | 27.862 | | 328.5 | 18 19 | |
| | | | | 280 41 | | | | 28 39 | |
| 3 | 271998 | | 572.5 | 262 18 | 18.987 | | 319.5 | 8 20 | |
| | | | | 301 59 | | | | 22 59 | |
| 4 | 301364 | | 602.5 | 289½ 24 | 10.423 | | 311.5 | 10½ 24 | |
| | | | | 299 83 | | | | 19 83 | T-Dreier |
| 5 | 299413 | | 600.5 | 290½ 18 | 9.607 | | 310.5 | -1 20 | |
| | | | | 286 101 | | | | 41 103 | |
| 6 | 277673 | | 578.5 | 268 18 | 32.042 | | 333.5 | 23 18 | |
| | | | | 279 119 | | | | 48 121 | |
| 7 | 270900 | | 571.5 | 261 18 | 39.446 | | 340.5 | 30 18 | |
| | | | | 301 137 | | | | 34 139 | |
| 8 | 301261 | | 602.5 | 289½ 24 | 23.723 | | 324.5 | 12 22 | |
| | | | | 282 161 | | | | 51 161 | |
| 9 | 272652 | | 573.5 | 262 20 | 41.798 | | 342.5 | 31 20 | |
| | | | | 298 181 | | | | 221 181 | |
| 10 | 298778 | | 599.5 | 284½ 28 | 208.738 | | 509.5 | 195 26 | |
| | | | | 209 | | | | 207 | |
| | | | | | | | | 209 | |
| | 2868547 | | | | 429539 | | | 416 | |
| | 429539 | | | | | | | | |
| | +2439008 | | | | | | | | |
| BM 50-18 | | | | | | | | | BM 50-18 |
| | | | | | | | | | Hawthorne Blvd., & 220 Ft. |
| | | | | | | | | | N. of Los Verdes Dr. |
| | | | | | | | | | See F.B. 3704-35 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-3-70

INDEXED C.J. GALLI DATE

WEATHER LOW HAZE 69°

TIME 10:15 TO 11:00

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 95896

F.B. 3799 PG. 185

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | 3563 | | | 86653 | | | FROM 50-19 TO 50-~~20~~ 19A |
| B.M. 50-19 | | | | | | | B.M. 50-19 |
| 1 | 53 772 | 354 5 | 67 / 39 / 28 | 263 485 | 564 5 | 277 / 249 / 28 | HAWTHORNE BLVD. & DUPRE DR. |
| 2 | 11 559 | 312 5 | 22 / 0 / 22 / 50 | 297 909 | 598 5 | 307 / 287 / 20 / 48 | SEE F.B. 3704-37 |
| 3 | 8 811 | 309 5 | 16 / 0 / 16 | 298 527 | 599 5 | 306 / 290 / 16 | |
| 4 | 26 592 | 327 5 | 33 / 19 / 66 / 14 / 80 | 286 760 | 587 5 | 293 / 279 / 64 / 14 / 78 | ⊼ J. MALDONADO |
| 5 | 13 735 | 314 5 | 21 / 5 / 16 | 292 923 | 593 5 | 300 / 284 / 16 | |
| 6 | 7 278 | 308 5 | 15 / -1 / 96 / 16 / 112 | 293 802 | 594 5 | 301 / 285 / 94 / 16 / 110 | |
| 7 | 14 647 | 315 5 | 21 / 7 / 14 / 126 | 266 588 | 567 5 | 273 / 259 / 14 / 124 | |
| 8 | 12 052 | 313 5 | 20 / 4 / 16 / 142 | 286 6~~8~~7 9 | 587 5 | 294 / 278 / 16 / 140 | |
| 9 | 4 642 | 305 5 | 12 / 4 / 16 / 158 | 287 752 | 588 5 | 294 / 280 / 14 / 154 | |
| 10 | 9 098 | 310 5 | 17 / 1 / 16 / 174 | 295 126 | 596 | 303 / 287 / 16 / 170 | |
| 11 | 31 448 | 332 5 | 37 / 25 / 12 / 186 | 27 153 | 328 | 33 / 21 / 14 / 184 | |
| | | | | | | 186 | |
| | 193 634 | | | 2896 704 | | 370 | |
| B.M. 50-19A | | | | 193 634 | | | B.M. 50-19A |
| | | | | - 2703 070 | | | HAWTHORNE BLVD., ℄, AT SLY DRWY TO LOS VERDES ~~GOLF COURSE~~ PLAYGROUND |
| | | | | | | | SEE F.B. 3704-38 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 186 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-7-70

INDEXED C.J. GALLI DATE

WEATHER CLEAR-WINDY 60° INST. NO. 26776

TIME 8:45 TO ROD NO. 25 & 26

NOTES CHKD. DATE

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 50-~~20~~ 19A TO 50-19 |
| B.M. 50-~~20~~ 19A | | | | | | | B.M. 50-~~20~~ 19A ~~SLY. DRWY. TO 10 SVRD~~ S HAWTHORNE BLVD. & ~~HALLOW DR.~~ ~~GOLF COURSE~~ PLAYGROUND |
| 1 | 301 121 | 602 5 | 1301 / 293 16 | 12 508 | 313 5 | 20 / 4 16 | SEE F.B. 3704-~~39~~ |
| 2 | 292 522 | 593 5 | 302 / 282 20 | 36 169 | 337 5 | 46 / 26 20 | |
| 3 | 298 007 | 599 5 | 307 36 / 289 18 | 16 924 (5) | 316 5 | 24 36 / 6 18 | |
| 4 | 291 043 | 592 5 | 300 54 / 282 18 | 13 953 | 314 5 | 22 54 / 4 18 | ⊼ J. MALDONADO |
| 5 | 292 749 | 593 5 | 300 72 / 284 16 | 9 076 | 310 5 | 17 72 / 1 16 | |
| 6 | 295 471 | 596 5 | 305 88 / 285 20 | 4 143 | 305 5 | ½ 14 88 / 2 4 20 | |
| 7 | 287 684 | 588 5 | 295 108 / 279 16 | 13 071 | 314 5 | 21 108 / 5 16 | |
| 8 | 301 042 | 602 5 | 301 124 / ½ 292 18 | 9 281 | 310 5 | 17 124 / 1 16 | |
| 9 | 300 948 | 601 5 | 308 142 / 292 16 | 39 829 | 340 5 | 49 140 / 29 20 | |
| 10 | 254 519 | 5555 | 263 158 / 245 18 | 58 329 | 359 5 | 65 160 / 51 14 | |
| | | | 176 | | | 174 | |
| B.M. 50-19 | | | | | | 176 | B.M. 50-19 |
| | 2915106 | | | 212283 | | 350 | HAWTHORNE BLVD. & DURE DR. |
| | 212283 | | | | | | SEE F.B. 3704-37 |
| | + 2702823 | | | | | | |

76P526B CE # 308 8/68

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-10-70
INDEXED C.J. GALLI DATE
WEATHER 70° TO 75° LOW HAZE
TIME 1:30 TO 2:15
NOTES CHKD [illegible] DATE
INST. NO. 96716
ROD NO.
F.B. 3799 PG. 187

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | RERUN FROM 50-19 TO 50-19A |
| B.M. 50-19 | | | | | | | | | B.M. 50-19 |
| 1 | 73 | 268 | 374 5 | 84 62 22 | 212 | 637 | 513 5 | 224 208 24 | HAWTHORNE BLVD. & DUPRE DR |
| | | | | | | | | | SEE F.B. 3704-37 |
| 2 | ~~3~~ 3 | 688 | 304 5 | 1 14 2 3 22 44 | 293 | 099 | 594 5 | 304 282 22 46 | |
| 3 | 12 | 609 | 313 5 | 20 4 16 60 | 277 | 790 | 578 5 | 285 269 16 62 | ⊼ J. MALDONADO |
| 4 | 4 | 679 | 306 5 | 1 12 2 4 16 76 | 293 | 912 | 594 5 | 301 285 16 78 | |
| 5 | ~~28~~ 3 | 806 | 304 5 | 1 12 2 3 18 94 | 296 | 601 | 597 5 | 304 288 16 94 | |
| 6 | 8 | 600 | 309 5 | 16 0 16 110 | 291 | 438 | 592 5 | 299 283 16 110 | |
| 7 | 10 | 569 | 311 5 | 18 2 16 126 | 290 | 308 | 591 5 | 298 282 16 126 | |
| 8 | 12 | 872 | 313 5 | 20 4 16 142 | 289 | 552 | 590 5 | 296 282 14 140 | |
| 9 | ~~18~~ 19 | 041 | 341 5 | 26 12 14 156 | 282 | 599 | 583 5 | 289 275 14 154 | |
| 10 | 24 | 550 | 325 5 | 30 18 12 168 | 294 | 892 | 595 5 | 301 287 14 168 | |
| 11 | 26 | 236 | 327 5 | 33 19 14 182 | 79 | 980 | 380 5 | 86 72 14 182 | |
| B.M. 50-19A | | | | | | | | 182 | B.M. 50-19A |
| | 199 | 918 | | | 2902 | 808 | | 364 | HAWTHORNE BLVD, ℄, AT SLY ENTRANCE TO |
| | | | | | 199 | 918 | | | LOS VERDES ~~GOLF COURSE &~~ PARK |
| | | | | | ~~2~~ 702 | 890 | | | SEE F.B. 3704-38 |
| | | | | | -27 | | | | |

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREYER
NOTES BY G.E. DREYER DATE 4-3-70
INDEXED G.J. GALLI DATE
WEATHER 71° THIN HAZE INST. NO. 96716
TIME 11:00 TO 11:40 ROD NO. 95896
NOTES CHKD DATE
F.B. 3799 PG. 189

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS FROM 50-19A TO 50-20 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 50-19A | | | | | | | | | B.M. 50-19A |
| 1 | 5 | 162 | 306 5 | ½ 12 5 14 | 294 | 621 | 595 5 | 302 286 16 | HAWTHORNE BLVD, ℄, AT S'LY DRWY TO LOS VERDES ~~GOLF COURSE~~ PLAYGROUND |
| 2 | 8 | 529 | 309 5 | ½ 16 8 16 30 | 295 | 672 | 596 5 | 303 287 16 32 | SEE F.B. 3704- |
| 3 | 5 | 001 | 306 5 | ½ 12 5 14 44 | 280 | 094 | 581 5 | 287 273 14 46 | |
| 4 | 22 | 475 | 323 5 | 29 15 14 58 | 275 | 054 | 576 5 | 282 268 14 60 | ⊼ J. MALDONADO |
| 5 | 7 | 367 | 308 5 | 14 0 14 72 | 291 | 402 | 592 5 | 298 284 14 74 | |
| 6 | 4 | 141 | 305 5 | ½ 12 4 16 88 | 296 | 342 | 597 5 | 305 287 18 92 | |
| 7 | 26 | 577 | 327 5 | 33 19 14 102 | 274 | 612 | 575 5 | 281 267 14 106 | |
| 8 | 10 | 443 | 311 5 | 17 3 14 116 | 293 | 873 | 594 5 | 300 286 14 120 | |
| 9 | 12 | 388 | 313 5 | 20 4 16 132 | 286 | 009 | 587 5 | 294 278 16 136 | |
| 10 | 29 | 454 | 329 5 | 36 22 14 146 | 257 | 834 | 558 5 | 262 252 10 146 | |
| 11 | 109 | 431 | 410 5 | 117 101 16 162 | 267 | 366 | 568 5 | 275 259 16 162 | |
| B.M. 50-20 | | | | | | | | 162 324 | B.M. 50-20 HAWTHORNE BLVD. & VALLON DR. SEE F.B. 3704-39 |
| | 240 | 968 | | | 3112 | 879 | | | |
| | | | | | 240 | 968 | | | |
| | | | | | -2871 | 911 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 190 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES G.E. DREIER 4-6-70

INDEXED C.J. GALLI DATE

WEATHER 66° SCAT. THIN CLOUDS INST. NO. 96716

TIME 2:40 TO 3:15 ROD NO. 95896

NOTES CHKD DATE

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-20 TO 50-19A |
| B.M. 50-20 | | | | | | | | | B.M. 50-20 |
| 1 | 281 | 734 | 582 5 | 288 274 14 | 7 | 031 | 308 5 | 14 0 14 | HAWTHORNE BLVD. & VALLON DR. |
| | | | | | | | | | SEE F.B. 3704-39 |
| 2 | 276 | 390 | 577 5 | 282 270 12 26 | 18 | 252 | 319 5 | 24 12 12 26 | |
| 3 | 282 | 431 | 583 5 | 289 275 14 40 | 6 | 447 | 307 5 | 13 -1 14 40 | T J. MALDONADO |
| 4 | 280 | 073 | 581 5 | 288 272 16 56 | 20 | 540 | 321 5 | 27 13 14 54 | |
| 5 | 273 | 938 | 574 5 | 280 266 14 70 | 24 | 152 | 325 5 | 32 16 16 70 | |
| 6 | 292 | 801 | 593 5 | 301 283 18 88 | 5 | 088 | 306 5 | ½ 14 5 18 88 | |
| 7 | 299 | 903 | 600 5 | 308 290 18 106 | 7 | 088 | 308 5 | ½ 16 7 18 106 | |
| 8 | 299 | 453 | 600 5 | ½ 299 290 18 124 | 8 | 980 | 309 5 | 17 -1 18 124 | |
| 9 | 296 | 767 | 597 5 | 305 287 18 142 | 4 | 533 | 305 5 | ½ 13 4 18 142 | |
| 10 | 295 | 519 | 596 5 | 304 286 18 160 | 6 | 152 | 307 5 | ½ 15 6 18 160 | |
| 11 | 126 | 182 | 427 5 | 134 118 16 176 | 25 | 170 | 326 5 | 33 17 16 176 | |
| B.M. 50-19A | | | | | | | | 176 352 | B.M. 50-19A & HAWTHORNE BLVD. AT S'LY ENTRANCE TO LOS VERDES ~~GOLF COURSE~~ PLAYGROUND |
| | 3005 | 191 | | | 133 | 833 | | | SEE F.B. 3704- |
| | 133 | 833 | | | 4 | | | | |
| | +2871 | 858 | | | | | | | |
| | | 7 | | | | | | | |

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY C.J. GALLI DATE 4-3-70 WEATHER CLEAR 67°
INDEXED DATE NOTES CHKD DATE
TIME 1:00 TO 1:50
INST. NO 26716
ROD NO. 95 #96
F.B. 3799 PG. 191

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS FROM 50-20 TO 50-21 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 50-20 | | | | | | | | | B.M. 50-20 |
| 1 | 53 | 311 | 354 5 | 66 48 26 | 300 | 658 | 601 5 | 300 2 283 34 | HAWTHORNE BLVD. & VALLON DR, N.E. COR. |
| 2 | 19 | 118 | 320 5 | 30 8 22 | 295 | 987 | 596 5 | 295 286 18 | SEE F.B. 3704-39 |
| 3 | 7 | 115 | 308 5 | 16 48 -2 18 | 283 | 122 | 584 5 | 291 52 275 16 | |
| 4 | 16 | 880 | 317 5 | 26 66 6 20 | 274 | 866 | 575 5 | 284 68 264 20 | |
| 5 | 27 | 133 | 328 5 | 37 86 17 20 | 254 | 688 | 555 5 | 264 88 244 20 | π J. MALDONADO |
| 6 | 17 | 249 | 318 5 | 29 106 5 24 | 277 | 349 | 578 5 | 289 108 265 24 | |
| 7 | 18 | 407 | 319 5 | 30 130 6 24 | 279 | 651 | 580 5 | 291 132 267 24 | |
| 8 | 27 | 510 | 328 5 | 38 154 16 22 | 273 | 771 | 574 5 | 285 156 261 24 | |
| 9 | 26 | 809 | 327 5 | 38 176 14 24 | 273 | 242 | 574 5 | 284 180 262 22 | |
| 10 | 15 | 090 | 316 5 | 28 200 3 25 | 291 | 526 | 592 5 | 303 202 278 25 | |
| 11 | 120 | 960 | 421 5 | 123 225 117 6 231 | 172 | 878 | 473 5 | 174 227 170 4 231 | |
| | | | | | | | | 231 | |
| | 349 | 582 | | | 2977 | 738 | | 462 | |
| B.M. 50-21 | | | | | 349 | 582 | | | B.M. 50-21 |
| | | | | | -2628 | 156 | | | HAWTHORNE BLVD. 0.3 MI. S.WLY OF VALLON DR |
| | | | | | | | | | SEE F.B. 3704-41 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 192 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-6-70

INDEXED G. de GALLI DATE

WEATHER THIN CLOUDS INST. NO. 96716

TIME 2:05 TO 2:46 ROD NO. 95,96

NOTES CHKD [illegible] DATE

T=65

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-21 TO 50-20 |
| B.m. 50-21 | | | | | | | | | B.M. 50-21 |
| 1 | 282 676 | | 583 5 | 294 / 270 24 | 26 733 | | 327 5 | 38 / 14 24 | HAWTHORNE BLVD, 0.3 mi. S'ly VALLON DR. |
| | | | | | | | | | SEE F.B. 3704-41 |
| 2 | 286 655 | | 587 5 | 299 / 273 26 / 50 | 61 731 | | 362 5 | 74 / 48 26 / 50 | |
| 3 | 301 082 | | 602 5 | 301 / ½ 286 30 / 80 | 8 327 | | 309 5 | 23 / ½ 8 30 / 80 | J. MALDONADO |
| 4 | 291 220 | | 592 5 | 304 / 278 26 / 106 | 13 092 | | 314 5 | 26 / 0 26 / 106 | |
| 5 | 298 248 | | 599 5 | 298 / ½ 284 28 / 134 | 5 024 | | 306 5 | 19 / ½ 5 28 / 134 | |
| 6 | 285 612 | | 586 5 | 298 / 272 26 / 160 | 5 519 | | 306 5 | 17 / ½ 5 24 / 158 | |
| 7 | 297 809 | | 598 5 | 308 / 286 22 / 182 | 6 329 | | 307 5 | 17 / ½ 6 22 / 180 | |
| 8 | 297 550 | | 598 5 | 305 / 289 16 / 198 | 22 461 | | 323 5 | 30 / 14 16 / 196 | |
| 9 | 300 533 | | 601 5 | 300 / ½ 291 18 / 216 | 6 161 | | 307 5 | 14 / ½ 6 16 / 212 | |
| 10 | 197 064 | | 498 5 | 300 / 194 6 / 222 | 55 019 | | 356 5 | 60 / 50 10 / 222 | |
| | | | | | | | | 222 | B.M. 50-20 |
| B.m. 50-20 | 2838 449 | | | | 210 396 | | | 444 | HAWTHORNE BLVD. & VALLON DR |
| | 210 396 | | | | | | | | SEE F.B. 3704-39 |
| | +2628 053 | | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-3-70

INDEXED C.J. GALLI DATE

WEATHER BREEZE-CLEAR 66° TIME 1:50

NOTES CHKD [signature] DATE

INST. NO 96716

ROD NO. 95 & 96

F.B. 3799 PG. 193

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-21 TO 50-22 |
| B.M. 50-21 | | | | | | | | | B.M. 50-21 |
| 1 | 22 | 131 | 323 5 | 35 9 24 | 298 | 190 | 599 5 | 298 ½ 285 26 | HAWTHORNE BLVD. & 0.3 MI. S.Ly VALLON DR. |
| 2 | 11 | 219 | 312 5 | 23 -1 24 48 | 299 | 257 | 600 5 | 299 ½ 287 24 50 | SEE F.B. 3704-41 |
| 3 | 7 | 597 | 308 5 | 19 ½ 7 24 | 299 | 675 | 600 5 | 299 288 22 | |
| 4 | 15 | 701 | 316 5 | 26 4 72 22 94 | 281 | 520 | 582 5 | 292 270 72 22 94 | ⊼ R. SIEMANN |
| 5 | 15 | 461 | 216 5 | 26 4 22 | 292 | 159 | 593 5 | 303 281 22 | |
| 6 | 19 | 227 | 320 5 | 31 7 116 24 | 288 | 431 | 589 5 | 299 277 116 22 | |
| 7 | 19 | 539 | 320 5 | 30 8 140 22 | 292 | 639 | 593 5 | 303 281 138 22 | |
| 8 | 19 | 185 | 320 5 | 30 8 162 22 | 297 | 262 | 598 5 | 297 ½ 285 160 24 | |
| 9 | 25 | 409 | 326 5 | 36 14 184 22 | 286 | 239 | 587 5 | 297 275 184 22 | |
| 10 | 10 | 690 | 311 5 | 22 ½ 10 206 24 230 | 272 | 959 | 573 5 | 284 260 206 24 | |
| 11 | 10 | 693 | 311 5 | 22 ½ 10 24 254 | 281 | 360 | 582 5 | 293 269 230 24 254 | |
| 12 | 81 | 601 | 382 5 | 87 75 12 266 | 223 | 860 | 524 5 | 229 217 12 266 | |
| B.M. 50-22 | | | | | | | | 266 | B.M. 50-22 |
| | 258 | 453 | | | 3413 | 551 | | 532 | HAWTHORNE BLVD, 239 FT. N.E. OF ARMY ENTRANCE |
| | | | | | 258 | 453 | | | SEE F.B. 3704-43 |
| | | | | | 3155 | 098 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3794 PG. 194 JOB NO 301.02

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-6-70

INDEXED C.J. GALLI DATE

WEATHER PART CLOUDY 62° TO OVERCAST INST. NO 96716

TIME 1:15 TO ROD NO 95,96

NOTES CHKD DATE

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | 96693 | | | | 57 | | | | FROM 50-22 TO 50-21 |
| B.M. 50-22 | | | | | | | | | B.M. 50-22 |
| 1 | 293 710 | | 594 5 | 304 282 22 | 19 579 | | 320 5 | 33 5 28 | HAWTHORNE BLVD. & 239 FT. E. of ARMY ENTR. |
| | | | | | | | | | SEE F.B. 3704-43 |
| 2 | 296 879 | | 597 5 | 296 ½ 277 38 60 | 13 900 | | 314 5 | 28 ½ 213 30 | |
| 3 | 300 772 | | 601 5 | 300 ½ 288 24 84 | 22 580 | | 323 5 | 36 58 8 28 86 | |
| 4 | 300 581 | | 601 5 | 300 ½ 288 24 108 | 21 433 | | 322 5 | 33 9 24 110 | T R. SIEMANN |
| 5 | 295 781 | | 596 5 | 305 285 20 128 | 15 980 | | 316 5 | 26 4 22 132 | |
| 6 | 294 790 | | 595 5 | 305 283 22 150 | 20 495 | | 321 5 | 31 9 22 154 | |
| 7 | 299 931 | | 600 5 | 299 287 24 174 | 16 868 | | 317 5 | 27 5 22 176 | |
| 8 | 297 999 | | 598 5 | 297 ½ 285 24 198 | 20 415 | | 321 5 | 31 9 22 198 | |
| 9 | 296 081 | | 597 5 | 307 285 22 220 | 11 559 | | 312 5 | 23 ½ 11 24 222 | |
| 10 | 299 851 | | 600 5 | 299 287 24 244 | 28 186 | | 329 5 | 39 17 22 244 | |
| 11 | 298 497 | | 599 5 | 298 ½ 286 24 268 | 14 410 | | 315 5 | 28 0 28 272 | |
| 12 | 244 301 | | 545 5 | 253 235 18 286 | 158 962 | | 459 5 | 164 152 12 284 286 | |
| | 3519 173 | | | | 368 357 | | | 570 | B.M. 50-21 |
| | 364 357 | | | | 4 | | | | HAWTHORNE BLVD 0.3 MI. SLY OF |
| | | | | | | | | | VALLON DR |
| B.M. 50-21 | +3154 816 | | | | | | | | SEE F.B. 3704-41 |

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-10-70
INDEXED C.J. GALLI DATE
WEATHER CLEAR TIME 7:20 TO 7:20
NOTES CHKD DATE
INST. NO. 96716
ROD NO. 25496
F.B. 3799 PG. 195

RERUN

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM B.M. 50-21 TO 50-22 |
| B.M. 50-21 | | | | | | | | | B.M. 50-21 |
| 1 | 32 | 580 | 333 | 5 44 20 24 | 299 | 300 | 600 | 5 ½ 299 286 26 | HAWTHORNE BLVD, 0.3 mi. S. of VALLON DR. |
| | | | | | | | | | SEE F.B. 3704-41 |
| 2 | 18 | 486 | 319 | 5 30 6 24 48 | 295 | 677 | 596 | 5 306 284 22 | |
| 3 | 14 | 395 | 315 | 5 26 2 24 72 | 300 | 610 | 601 | 5 ½ 306 288 48 24 | |
| | | | | | | | | | T R. SIEMANN |
| 4 | 11 | 767 | 312 | 5 23 1 24 96 | 301 | 071 | 602 | 5 ½ 301 290 72 22 | |
| 5 | 9 | 379 | 310 | 5 ½ 21 9 24 120 | 299 | 830 | 600 | 5 ½ 299 287 94 24 | |
| 6 | 20 | 144 | 321 | 5 31 9 22 142 | 300 | 411 | 601 | 5 ½ 300 288 118 24 | |
| 7 | 13 | 811 | 314 | 5 25 1 24 166 | 298 | 913 | 599 | 5 ½ 298 286 142 24 | |
| 8 | 8 | 940 | 309 | 5 ½ 20 8 24 190 | 292 | 519 | 593 | 5 303 281 166 22 | |
| 9 | 10 | 920 | 311 | 5 ½ 22 10 24 214 | 294 | 269 | 595 | 6 307 282 188 25 | |
| 10 | 19 | 910 | 320 | 5 32 6 26 240 | 289 | 029 | 590 | 5 302 276 213 26 | |
| 11 | 15 | 040 | 316 | 5 27 3 24 264 | 284 | 647 | 585 | 5 296 273 239 23 | |
| 12 | 122 | 140 | 423 | 5 125 119 6 270 | 196 | 265 | 597 | 5 200 192 262 8 270 | |
| B.M. 50-22 | 297 | 512 | | | 3452541 | | | 278 540 | B.M. 50-22 ENTRANCE HAWTHORNE BLVD, 239FT, E. of ARMY |
| | | | | | 297 512 | | | | SEE F.B. 3704-43 |
| | | | | | 3155029 | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 Pg. 196 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-13-70

INDEXED C. J. GALLI DATE

WEATHER OVERCAST - WINDY INST. NO. 96716

TIME 2:00 TO 9:45 ROD NO. 95896

NOTES CHKD DATE

57°

RERUN

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | From 50-22 To 50-21 |
| B.M. 50-22 | | | | | | | B.M. 50-22 |
| 1 | 285.551 | 586.5 | 296 / 274 22 | 40.820 | 341.5 | 52 / 28 24 | HAWTHORNE BLVD. E. OF ARMY ENTRANCE |
| | | | | | | | SEE F.B. 3704-43 |
| 2 | 300.559 | 601.5 | 1/2 300 / 282 36 | 8.700 | 309.5 | 1/2 24 / 8 32 | |
| 3 | 299.821 | 600.5 | 299 58 / 286 26 | 8.270 | 309.5 | 1/2 22 56 / 8 28 | |
| 4 | 293.180 | 594.5 | 306 84 / 280 26 | 6.829 | 307.5 | 1/2 18 84 / 6 24 | T R. SIEMANN |
| 5 | 297.519 | 598.5 | 1/2 297 110 / 286 22 | 13.368 | 314.5 | 25 108 / 1 24 | |
| 6 | 298.605 | 599.5 | 1/2 298 132 / 286 24 | 18.248 | 319.5 | 30 132 / 6 24 | |
| 7 | 299.612 | 600.5 | 1/2 299 156 / 287 24 | 8.650 | 309.5 | 1/2 20 156 / 8 24 | |
| 8 | 300.588 | 601.5 | 1/2 300 180 / 288 24 | 14.030 | 315.5 | 26 180 / 2 24 | |
| 9 | 300.662 | 601.5 | 1/2 300 204 / 288 24 | 12.423 | 313.5 | 24 204 / 0 24 | |
| 10 | 294.658 | 595.5 | 305 228 / 283 22 | 29.845 | 330.5 | 40 228 / 18 22 | |
| 11 | 294.815 | 595.5 | 306 250 / 282 24 | 34.470 | 335.5 | 46 250 / 22 24 | |
| 12 | 241.249 | 542.5 | 249 274 / 233 16 | 156.200 | 457.5 | 164 274 / 148 16 | |
| | | | 290 | | | 290 | B.M. 50-21 |
| | 3506.819 ✓ | | | 3[illegible]8.853 ✓ | | 290 | HAWTHORNE BLVD. & 0.3 mi. S'ly of |
| B.M. 50-21 | 3[illegible]8.853 ✓ | | | | | 580 | VALLON DR |
| | 3154.966 ✓ | | | | | | SEE F.B. 3704-41 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER 65° BREEZE-CLEAR

NOTES BY G.E. DREIER DATE 4-3-70 TIME 2:35 TO INST. NO. 96716

INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 95896

F.B. 3799 PG. 197

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | | FORESIGHT Right | Mic. | Left | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | FROM 50-22 TO 50-23 |
| B.M. 50-22 | | | | | | | | | | | B.M. 50-22 |
| 1 | 31 | 309 | 332 | 41<br>21 | 20 | 259 | 102 | 560 | 269<br>249 | 20 | HAWTHORNE BLVD. & 239 FT. E. OF ARMY ENTR. |
| | | | | | | | | | | | SEE F.B. 3704-43 |
| 2 | 29 | 417 | 330 | 41<br>~~17~~ | 24 | 271 | 608 | 572 | 283<br>259 | 24 | |
| | | | | | 44 | | | | | 44 | |
| 3 | 7 | 540 | 308 | ½ 21<br>7 | 28 | 298 | 692 | 599 | ½ 298<br>284 | 28 | ⊼ R. SIEMANN |
| | | | | | 72 | | | | | 72 | |
| 4 | 6 | 482 | 305 | ½ 18<br>6 | 24 | 300 | 230 | 601 | ½ 300<br>287 | 26 | |
| | | | | | 96 | | | | | 98 | |
| 5 | 34 | 729 | 335 | 45<br>23 | 22 | 271 | 090 | 572 | 282<br>260 | 22 | |
| | | | | | 118 | | | | | 120 | |
| 6 | 36 | 403 | 337 | 48<br>24 | 24 | 279 | 020 | 580 | 292<br>266 | 26 | |
| | | | | | 142 | | | | | 146 | |
| 7 | 24 | 640 | 325 | 37<br>11 | 26 | 300 | 607 | 601 | 300<br>½ 288 | 24 | |
| | | | | | 168 | | | | | 170 | |
| 8 | 15 | 700 | 316 | 28<br>3 | 25 | 286 | 089 | 587 | 298<br>274 | 24 | |
| | | | | | 193 | | | | | 194 | |
| 9 | 26 | 652 | 327 | 40<br>12 | 28 | 264 | 152 | 565 | 278<br>250 | 28 | |
| | | | | | 221 | | | | | 222 | |
| 10 | 42 | 508 | 343 | 59<br>25 | 34 | 284 | 731 | 585 | 302<br>266 | 36 | |
| | | | | | 255 | | | | | 258 | |
| | | | | | | | | | | 255 | |
| | 255 | 380 | | | | 281 | 532 | | | 513 | |
| B.M. 50-23 | | | | | | 255 | 380 | | | | B.M. 50-23 |
| | | | | | | -255 | 994 | | | | HAWTHORNE BLVD. & VIA RIVERA |
| | | | | | | | | | | | SEE F.B. 3704-45 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

F.B. 3799 PG. 198 JOB NO. 630102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DE. DREIER 4-6-70

INDEXED C. J. GALLI DATE

WEATHER THN SC. CLOUDS 71° INST. NO. 96716

TIME 11:20 TO ROD NO. 95,96

NOTES CHKD DATE

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 50-23 TO 50-22 |
| B.M. 50-23 | 8 6 3 1 3 6 | | | | | | | | B.M. 50-23 |
| 1 | 117393 | | 418 5 | 140<br>94 46 | 11 502 | | 312 5 | 31<br>½ 11 40 | HAWTHORNE BLVD. & VIA RIVERA |
| | | | | | | | | | SEE F.B. 3704-45 |
| 2 | 297119 | | 598 5 | 1297<br>½ 2282 30 | 11 598 | | 312 5 | 24<br>½ 11 26 | |
| 3 | 296119 | | 597 5 | 305 76<br>287 18 | 9 941 | | 310 5 | 66<br>½ 20<br>9 22 | |
| 4 | 301209 | | 602 5 | 94<br>½ 301<br>291 20 | 9 580 | | 310 5 | 88<br>½ 20<br>9 22 | T R. SIEMANN |
| 5 | 298493 | | 599 5 | 114<br>306<br>290 16 | 33 927 | | 334 5 | 42 140<br>24 18 | |
| 6 | 295221 | | 596 5 | 130<br>305<br>285 20 | 24 645 | | 325 5 | 128<br>34<br>14 20 | |
| 7 | 296041 | | 597 5 | 150<br>½ 296<br>2284 24 | 26 252 | | 327 5 | 148<br>40<br>12 28 | |
| 8 | 285412 | | 586 5 | 174<br>298<br>272 26 | 45 880 | | 346 5 | 176<br>58<br>32 26 | |
| 9 | 292639 | | 593 5 | 200<br>306<br>278 28 | 25 521 | | 326 5 | 202<br>39<br>11 28 | |
| 10 | 289409 | | 590 5 | 228<br>305<br>273 32 | 53 000 | | 354 5 | 230<br>68<br>38 30 | |
| 11 | 181418 | | 482 5 | 260<br>190<br>172 18 | 138 906 | | 439 5 | 260<br>147<br>129 18 | |
| | | | | 278 | | | | 278 ✓ | |
| | | | | | | | | 278 ✓ | |
| | | | | | | | | 556 ✓ | |
| | 2950473 ✓ | | | | 390752 ✓ | | | | |
| B.M. 50-22 | 390752 ✓ | | | | | | | | B.M. 50-22 |
| | | | | | | | | | HAWTHORNE BLVD. & 239 FT. E. OF ENTRANCE TO ARMY |
| | +2559721 ✓ | | | | | | | | SEE F.B. 3704-43 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T: 68°

SURVEY BY G.E. DREIER

NOTES BY S. IEMANN DATE 4-6-70 TIME 8:50 TO 9:10 WEATHER BREEZY INST. NO. 96716

INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 95896

F.B. 3799 PG. 199

| STATION | BACKSIGHT Right | Mic. | Left. | Stadia | FORESIGHT Right | Mic. | Left. | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-23 TO 34-27A |
| B.M. 50-23 | | | | | | | | | B.M. 50-23 |
| 1 | 33550 | 334 | 5 | 44 22 22 | 246588 | 547 | 5 | 257 235 22 | HAWTHORNE BLVD. & VIA RIVERA |
| | | | | | | | | | SEE F.B. 3704-45 |
| 2 | 51252 | 352 | 5 | 63 39 24 | 290643 | 591 | 5 | 302 278 24 | |
| | | | | 46 | | | | 46 | |
| 3 | 5050 | 306 | 5 | 1/2 18 5 26 | 283200 | 584 | 5 | 295 271 24 | |
| | | | | 72 | | | | 70 | |
| 4 | 18658 | 319 | 5 | 29 7 22 | 295825 | 596 | 5 | 307 283 24 | T = DREIER |
| | | | | 94 | | | | 94 | |
| 5 | 30961 | 331 | 5 | 41 19 22 | 281521 | 582 | 5 | 292 270 22 | |
| | | | | 116 | | | | 116 | |
| 6 | 45950 | 346 | 5 | 58 32 26 | 223796 | 524 | 5 | 236 210 26 | |
| | | | | 142 | | | | 142 | |
| B.M 34-27A | | | | | | | | 142 | B.M. 34-27A (U.S.C.&G.S. S-1053 19[illegible]) |
| | 185421 | | | | | | | 284 | PALOS VERDES DR.W. & HAWTHORNE BLVD. |
| | | | | | 1621573 | | | | SEE F.B. 1355-50 |
| | | | | | 185421 | | | | |
| | | | | | -1436152 | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 200 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-6-70

INDEXED G. J. GALLI DATE

WEATHER BREEZE INST. NO. 96716

TIME 10:35 To 11:00 ROD NO. 95896

NOTES CHKD DATE

T = 66°

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 34-27A TO 50-23 |
| B.M. 34-27A | | | | | | | | | B.M 34-27A (U.S.C.&G.S. 51053 - 1960) |
| 1 | 217 | 864 | 518 5 | 231 203 28 | 6 | 515 | 307 5 | 21 6 30 | PALOS VERDES DR. W. & HAWTHORNE BLVD. |
| | | | | | | | | | SEE F.B. 1355-50 |
| 2 | 296 | 850 | 597 5 | 307 285 22 | 6 | 310 | 307 5 | 17 6 22 | |
| | | | | 50 | | | | 52 | |
| 3 | 296 | 466 | 587 5 | 296 276 20 | 19 | 211 | 320 5 | 29 9 20 | |
| | | | | 70 | | | | 72 | |
| 4 | 294 | 561 | 595 5 | 304 284 20 | 32 | 864 | 333 5 | 42 22 20 | π = DREIER |
| | | | | 90 | | | | 92 | |
| 5 | 259 | 371 | 560 5 | 269 249 20 | 58 | 565 | 359 5 | 69 47 22 | |
| | | | | 110 | | | | 114 | |
| 6 | 280 | 258 | 581 5 | 292 268 24 | 75 | 753 | 376 5 | 87 63 24 | |
| | | | | 134 | | | | 138 | |
| | | | | | | | | 134 | B.M. 50-23 |
| B.M. 50-23 | | | | | | | | 272 | HAWTHORNE BLVD. & VIA RIVERA |
| | 1 | 635 | 370 | | 199 | 218 | | | SEE F.B. 3704-45 |
| | | 199 | 218 | | | | | | |
| | + 1 | 436 | 152 | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 66°

SURVEY BY G. E. DREIER WEATHER LT BREEZE INST. NO. 98716

NOTES BY SIEMANN DATE 4-6-70 TIME 9:10 TO 9:40 ROD NO. 95896

INDEXED C. J. GALLI DATE NOTES CHKD DATE

F.B. 3799 PG. 201

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 34-27A TO 34-28 |
| B.M34-27A | | | | | | | | | B.M. 34-27A (U.S.C.&G.S. S-1053 1969) |
| 1 | 200 | 657 | 501 | 5 | 142 | 103 | 443 | 5 | PALOS VERDES DR. W. & HAWTHORNE BLVD. |
| | | | | 220 180 40 | | | | 162 122 40 | SEE F.B. 1355-50 |
| 2 | 236 | 042 | 337 | 5 | 63 | 595 | 364 | 5 | |
| | | | | 262 210 52 | | | | 88 38 50 | |
| | | | | 92 | | | | 90 | |
| 3 | 258 | 458 | 559 | 5 | 78 | 736 | 379 | 5 | |
| | | | | 283 233 50 | | | | 104 52 52 | |
| | | | | 142 | | | | 142 | |
| 4 | 170 | 560 | 471 | 5 | 185 | 482 | 486 | 5 | |
| | | | | 200 140 60 | | | | 214 156 58 | |
| | | | | 202 | | | | 200 | T = DREIER |
| 5 | 132 | 152 | 433 | 5 | 200 | 400 | 501 | 5 | |
| | | | | 161 103 58 | | | | 230 170 60 | |
| | | | | 260 | | | | 260 | |
| 6 | 134 | 385 | 435 | 5 | 192 | 363 | 493 | 5 | |
| | | | | 168 100 68 | | | | 226 158 68 | |
| | | | | 328 | | | | 328 | |
| 7 | 133 | 990 | 434 | 5 | 207 | 416 | 508 | 5 | |
| | | | | 164 102 62 | | | | 238 176 62 | |
| | | | | 390 | | | | 390 | |
| 8 | 58 | 298 | 359 | 5 | 280 | 265 | 581 | 5 | |
| | | | | 87 29 58 | | | | 308 252 56 | |
| | | | | 448 | | | | 446 | |
| | | | | | | | | 448 | B.M. 34-28 |
| B.M.34-28 | | | | | | | | 894 | PALOS VERDES DR. W. OPP. HO. #30506 |
| | 1324542 | | | | 1350362 | | | | SEE F.B. 1355-31 |
| | | | | | 1324542 | | | | |
| | | | | | 25818 | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-6-70

INDEXED C.J. GALLI DATE

NOTES CHKD DATE

WEATHER LT. BREEZE INST. NO. 96716

TIME 9:45 TO 10:15 ROD NO. 25886

T=66°

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 34-28 TO 34-27A |
| B.M. 34-28 | | | | | | | | | B.M. 34-28 |
| 1 | 281 | 488 | 582.5 | 281 / 253 / 56 | 67 | 400 | 368.5 | 95 / 39 / 56 | PALOS VERDES DR. W. OPP. HO. #30506 |
| | | | | | | | | | SEE F.B. 1355-31 |
| 2 | 139 | 912 | 440.5 | 169 / 109 / 60 | 114 | 512 | 415.5 | 143 / 85 / 58 | |
| | | | | 116 | | | | 114 | |
| 3 | 205 | 758 | 506.5 | 235 / 175 / 60 | 123 | 955 | 424.5 | 154 / 92 / 62 | |
| | | | | 176 | | | | 176 | |
| 4 | 188 | 047 | 489.5 | 218 / 158 / 60 | 84 | 912 | 385.5 | 113 / 55 / 58 | |
| | | | | 236 | | | | 234 | |
| 5 | 187 | 446 | 488.5 | 217 / 157 / 60 | 153 | 351 | 454.5 | 184 / 122 / 62 | T = DREIER |
| | | | | 296 | | | | 296 | |
| 6 | 88 | 702 | 389.5 | 118 / 58 / 60 | 263 | 320 | 564.5 | 292 / 234 / 58 | |
| | | | | 356 | | | | 354 | |
| 7 | 31 | 718 | 332.5 | 62 / 0 / 62 | 259 | 942 | 560.5 | 290 / 228 / 62 | |
| | | | | 418 | | | | 416 | |
| 8 | 102 | 969 | 403.5 | 118 / 86 / 32 | 132 | 961 | 433.5 | 149 / 116 / 33 | |
| | | | | 450 | | | | 449 | |
| B.M. 34-27A | | | | | | | | 450 | B.M. 34-27A (U.S.C&G.S. 1960-1053) |
| | 226 | 040 | | | 200 | 353 | | 899 | PALOS VERDES DR. W. & HAWTHORNE BLVD. |
| | 200 | 353 | | | | | | | SEE F.B. 1355-30 |
| | + 25 | 687 | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 34-28 TO 34-29A |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 34-28 | | | | | | | | | B.M. 34-28 |
| 1 | 300 | 192 | 601 5 | 1/2 300 266 68 | 47 | 154 | 348 5 | 81 13 68 | PALOS VERDES DR. W. OPPOSITE HO. # 30506 |
| | | | | | | | | | SEE F.B. 1355-31 |
| 2 | 241 | 589 | 542 5 | 270 212 58 | 37 | 454 | 338 5 | 66 8 58 | |
| | | | | 126 | | | | 126 | |
| 3 | 253 | 899 | 554 5 | 279 227 52 | 62 | 973 | 363 5 | 88 36 52 | |
| | | | | 178 | | | | 178 | ⊼ J. MALDONADO |
| 4 | 202 | 530 | 503 5 | 225 179 46 | 137 | 898 | 438 5 | 160 114 46 | |
| | | | | 224 | | | | 224 | |
| 5 | 184 | 135 | 485 5 | 212 156 56 | 132 | 314 | 433 5 | 160 104 56 | |
| | | | | 280 | | | | 280 | |
| 6 | 42 | 516 | 343 5 | 62 22 40 | 236 | 257 | 537 5 | 256 216 40 | |
| | | | | 320 | | | | 320 | |
| 7 | 144 | 506 | 445 5 | 163 125 38 | 159 | 324 | 460 5 | 178 140 38 | |
| | | | | 358 | | | | 358 | |
| 8 | 156 | 436 | 457 5 | 162 150 12 | 66 | 569 | 367 5 | 72 60 12 | |
| | | | | 370 | | | | 370 | |
| B.M. 34-29A | | | | | | | | 370 | B.M. 34-29A |
| | 1525 | 803 | | | 879 | 943 | | 740 | PALOS VERDES DR. W. 240 FT. S. OF CITY LIMITS |
| | 879 | 943 | | | | | | | SEE F.B. 2851-17 |
| | +645 | 860 | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER DATE 4-13-70 WEATHER OVERCAST-WINDY INST. NO 96716

NOTES BY DREIER DATE 4-13-70 TIME 10:30 TO 11:05 ROD NO 95896

INDEXED C.J. GALLI DATE NOTES CHKD [illegible] DATE

58°

F.B. 3799 PG. 203

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM 34-29A TO 34-28 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 34-29A | 443 | 34 | | | | | | | B.M. 34-29A |
| 1 | 19 | 352 | 320.5 | 36 2 34 | 145 | 394 | 446.5 | 162 128 34 | PALOS VERDES DR. W. 240 S.W OF CITY LIMITS SEE F.B. 2851-17 |
| 2 | 165 | 218 | 466.5 | 203 127 76 | 207 | 169 | 508.5 | 244 170 74 | |
| 3 | 97 | 747 | 398.5 | 131 93 110 68 | 107 | 855 | 408.5 | 141 73 108 68 | |
| 4 | 192 | 826 | 493.5 | 214 170 178 44 | 192 | 567 | 493.5 | 214 170 176 44 | J. MALDONADO |
| 5 | 26 | 717 | 327.5 | 40 12 222 28 | 268 | 508 | 569.5 | 282 254 220 28 | |
| 6 | 20 | 156 | 321.5 | 37 3 250 34 | 258 | 324 | 559.5 | 276 240 248 36 | |
| 7 | 71 | 368 | 372.5 | 101 41 284 60 | 183 | 791 | 484.5 | 213 153 284 60 | |
| 8 | 207 | 183 | 508.5 | 226 188 344 38 | 83 | 007 | 384.5 | 102 64 344 38 | |
| | | | | 382 | | | | 382 | |
| BM. 34-28 | | | | | | | | 382 | B.M. 34-28 |
| | 800 | 567 | | | 1446 | 615 | | 764 | PALOS VERDES DR. W. OPPOSITE HO. #30506 |
| | | | | | 800 | 567 | | | |
| | | | | | 646 | 048 | | | |

F.B. 3799 PG. 204 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-13-70

INDEXED C. J. GALLI DATE

63°

WEATHER WINDY - CLEARING INST. NO. 96716

TIME 11:05 TO 11:40 ROD NO. 95896

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-13-70

INDEXED C.J. GALLI DATE

WEATHER VERY WINDY CLEAR 60°

TIME 1:30 TO 2:10

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 3799 PG 205

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-7 TO 50-8 |
| B.M. 50-7 | | | | | | | | | B.M. 50-7 |
| 1 | 138 | 068 | 439 5 | 160 116 44 | 259 | 849 | 560 5 | 282 236 46 | CRENSHAW BLVD. & CREST RD. SEE F.B. 2400-13 |
| 2 | 14 | 552 | 315 5 | 26 2 24 | 301 | 302 | 602 5 | 301 ½ 290 22 | |
| 3 | 12 | 009 | 313 5 | 20 4 68 16 | 280 | 311 | 581 5 | 289 271 68 18 | |
| 4 | 12 | 896 | 313 5 | 20 4 84 16 | 269 | 584 | 570 5 | 275 263 86 12 | ⊼ J. MALDONADO |
| 5 | 23 | 112 | 324 5 | 33 13 100 20 | 277 | 637 | 578 5 | 288 266 98 22 | |
| 6 | 38 | 709 | 339 5 | 57 19 120 38 | 112 | 948 | 413 5 | 131 93 120 38 | |
| 7 | 229 | 947 | 530 5 | 247 211 158 36 | 51 | 518 | 352 5 | 69 33 158 36 | |
| 8 | 260 | 108 | 561 5 | 282 238 194 44 | 23 | 268 | 324 5 | 46 0 194 46 | |
| 9 | 286 | 345 | 587 5 | 286 ½ 260 238 52 | 56 | 486 | 357 5 | 82 30 240 52 | |
| 10 | 187 | 877 | 488 5 | 210 164 290 46 | 156 | 912 | 457 5 | 177 135 292 42 | |
| 11 | 134 | 799 | 435 5 | 140 128 336 12 | 135 | 191 | 436 5 | 141 129 334 12 | |
| | | | | 348 | | | | 346 | |
| B.M. 50-8 | | | | | | | | 348 | B.M. 50-8 |
| | 1338 | 422 | | | 1925 | 006 | | 694 | CRENSHAW BLVD. E. OF SEACREST DR. SEE F.B. 2400-14 |
| | | | | | 1338 | 422 | | | |
| | | | | | 586 | 584 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY TREFLER NOTES G.E. DREER 4-17-70

INDEXED C. J. GALLI DATE

WEATHER 58° LT. WIND, CLEAR INST. NO. 96716

TIME 2:10 ROD NO. 95896

NOTES CHKD. DATE

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 50-8 TO 50-7 |
| B.M. 50-8 | | | | | | | B.M. 50-8 |
| 1 | 133 923 | 434.5 | 140 126 14 | 128 303 | 429.5 | 135 121 14 | CRENSHAW BLVD. E. OF SEACREST DR |
| | | | | | | | SEE F.B. 2400-14 |
| 2 | 146 399 | 447.5 | 173 199 54 | 206 354 | 507.5 | 233 179 54 | |
| 3 | 48 264 | 349.5 | 72 24 46 68 | 272 950 | 573.5 | 296 248 48 68 | |
| 4 | 4 652 | 305.5 | 32 ½ 4 56 114 | 295 482 | 596.5 | 295 ½ 268 54 116 | π J. MALDONADO |
| 5 | 31 270 | 332.5 | 45 17 28 170 | 198 979 | 499.5 | 212 184 28 170 | |
| 6 | 150 710 | 451.5 | 167 133 34 198 | 14 530 | 315.5 | 131 ½ 14 34 198 | |
| 7 | 271 300 | 572.5 | 282 260 22 232 | 4 930 | 305.5 | 14 ½ 4 20 232 | |
| 8 | 300 662 | 601.5 | 300 ½ 290 20 254 | 18 718 | 319.5 | 28 8 20 252 | |
| 9 | 282 214 | 583.5 | 289 275 14 274 | 11 009 | 312.5 | 20 2 18 272 | |
| 10 | 301 977 | 602.5 | 301 ½ 290 22 288 | 44 898 | 345.5 | 54 34 20 290 | |
| 11 | 233 562 | 534.5 | 243 223 20 310 | 109 561 | 410.5 | 119 99 20 310 | |
| 12 | 148 297 | 449.5 | 159 137 22 330 | 161 071 | 462.5 | 172 150 22 330 | |
| | | | 352 | | | 352 | B.M. 50-7 |
| B.M. 50-7 | 2053230 ✓ | | | 1466785 ✓ | | 352 | CRENSHAW BLVD. & CREST RD. |
| | 1466785 ✓ | | | | | 704 | SEE F.B. 2400-13 |
| | ∓ 586445 ✓ | | | | | | |

76P526B CE # 308 8/68

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-13-70
INDEXED C.J. GALLI DATE
WEATHER VERY WINDY-CLEAR TIME 2:10 TO 3:05 60°
NOTES CHKD DATE
INST. NO. 96716
ROD NO. 95896
F.B. 3799 PG. 207

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left. | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left. | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | FROM 50-8 TO T.B.M. |
| B.M. 50-8 | | | | | | | B.M. 50-8 |
| 1 | 122 102 | 4235 | 131 113 18 | 155 492 | 4565 | 164 146 18 | CRENSHAW BLVD. E. OF SEACREST DR. SEE F.B. 2400-14 |
| 2 | 48 689 | 3495 | 74 22 52 | 256 531 | 5575 | 283 229 54 | |
| 3 | 46 794 | 3475 | 70 22 70 48 | 230 087 | 5315 | 254 206 72 48 | |
| 4 | 30 460 | 3315 | 47 13 118 34 | 292 727 | 5935 | 308 276 120 32 | J. MALDONADO |
| 5 | 12 778 | 3135 | 24 1 152 23 | 286 872 | 5875 | 298 275 152 23 | |
| 6 | 22 913 | 3235 | 31 13 175 18 | 284 491 | 5855 | 293 275 175 18 | |
| 7 | 16 721 | 3175 | 24 8 193 16 | 297 168 | 5985 | 305 289 193 16 | |
| 8 | 12 839 | 3135 | 19 5 209 14 | 295 339 | 5965 | 302 288 209 14 | |
| 9 | 10 150 | 3115 | 16 4 223 12 | 286 828 | 5875 | 293 279 223 14 | |
| 10 | 7 201 | 3085 | 14 8 235 14 | 295 210 | 5965 | 302 288 237 14 | |
| 11 | 5 601 | 3065 | 12 ½ 5 249 14 | 278 513 | 5795 | 284 272 251 12 | NOTE THIS T.B.M. WAS ORIG. SET FOR PORTUGUESE BEND LANDSLIDE AND PROBABLY HAS A DESIGNATION |
| 12 | 43 891 | 3445 | 49 35 263 14 | 191 752 | 4925 | 198 184 263 14 | |
| T.B.M. | 380 139 | | 277 | 3151 010 | | 277 277 554 | T.B.M. CRENSHAW BLVD. B. SPK. IN LARGE ROCK IN MIDDLE OF GRADED ROADWAY |
| | | | | 380 139 | | | |
| | | | | -2770 871 | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM T.B.M. TO 50-8 |
|---|---|---|---|---|---|---|---|---|---|
| T.B.M. | | | | | | | | | T.B.M. |
| 1 | 224 | 758 | 525.5 | 231 215 16 | 11 | 635 | 312.5 | 19 3 16 | CRENSHAW BLVD. 0.3 MI. E. OF SEACREST DR. |
| 2 | 275 | 003 | 576.5 | 281 269 12 28 | 6 | 371 | 307.5 | 113 26 14 30 | B.SPK IN LARGE ROCK |
| 3 | 279 | 449 | 580.5 | 286 272 14 42 | 5 | 169 | 306.5 | 112 25 14 44 | |
| 4 | 285 | 374 | 586.5 | 292 278 14 56 | 8 | 419 | 309.5 | 15 1 14 58 | ⊼ J. MALDONADO |
| 5 | 291 | 913 | 592.5 | 298 284 14 70 | 6 | 332 | 307.5 | 13 -1 14 72 | |
| 6 | 266 | 836 | 567.5 | 273 259 14 84 | 6 | 890 | 307.5 | 114 26 16 88 | |
| 7 | 284 | 063 | 585.5 | 292 276 16 100 | 28 | 023 | 329.5 | 36 20 16 104 | |
| 8 | 261 | 209 | 562.5 | 271 251 20 120 | 28 | 441 | 329.5 | 38 18 20 124 | |
| 9 | 291 | 602 | 592.5 | 304 278 26 146 | 39 | 509 | 340.5 | 53 25 28 152 | |
| 10 | 233 | 757 | 534.5 | 258 208 50 196 | 50 | 849 | 351.5 | 72 28 44 196 | |
| 11 | 280 | 771 | 581.5 | 1 280 ½ 246 68 264 | 29 | 912 | 330.5 | 162 29 66 262 | |
| 12 | 164 | 208 | 465.5 | 169 159 10 274 | 146 | 619 | 447.5 | 152 140 12 274 | |
| B.M. 50-8 | 3138 | 943 | | | 368 | 169 | | 274 | B.M. 50-8 |
| | 368 | 169 | | | | | | 548 | CRENSHAW BLVD. E. OF SEACREST DR. |
| | +2770 | 774 | | | | | | | SEE F.B. 2400-14 |

F.B. 3799 PG. 208 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-17-70

INDEXED C. J. GALLI DATE

WEATHER LOW HAZE INST. NO. 967/10

TIME 1:30 TO 2:10 ROD NO. 95896

NOTES CHKD [illegible] DATE

68°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM T.B.M. TO 50-9 |
| | 5534 | | | 10 | 6453 | | | 264 | T.B.M. |
| 1 | 5222 | 306 | 5 | 0 10 | 259641 | 560 | 5 | 254 10 | CRENSHAW BLVD 0.3 MI. E. OF SEACREST DR |
| | | | | | | | | | SPK IN LARGE ROCK |
| 2 | 39416 | 340 | 5 | 45 33 12 | 281589 | 582 | 5 | 287 275 12 | |
| | | | | 22 | | | | 22 | |
| 3 | 31821 | 332 | 5 | 38 24 14 | 275057 | 576 | 5 | 282 268 14 | |
| | | | | 36 | | | | 36 | |
| 4 | 57089 | 358 | 5 | 65 49 16 | 295402 | 596 | 5 | 302 288 14 | T. Dreier |
| | | | | 52 | | | | 50 | |
| 5 | 17040 | 318 | 5 | 25 9 16 | 279443 | 580 | 5 | 287 271 16 | |
| | | | | 68 | | | | 66 | |
| 6 | 22813 | 323 | 5 | 31 13 18 | 300957 | 601 | 5 | 307 292 15 | |
| | | | | 86 | | | | 81 | |
| 7 | 21211 | 322 | 5 | 29 13 16 | 301017 | 602 | 5 | 301½ 291½ 20 | |
| | | | | 102 | | | | 101 | |
| 8 | 22341 | 323 | 5 | 30 14 16 | 274361 | 575 | 5 | 282 266 16 | |
| | | | | 118 | | | | 117 | |
| 9 | 60933 | 361 | 5 | 69 51 18 | 271250 | 572 | 5 | 281 261 20 | |
| | | | | 136 | | | | 137 | |
| 10 | 66132 | 367 | 5 | 75 57 18 | 255072 | 556 | 5 | 264 246 18 | |
| | | | | 158 | | | | 155 | |
| 11 | 50719 | 352 | 5 | 55 45 10 | 251320 | 552 | 5 | 256 246 10 | |
| | | | | 164 | | | | 165 | |
| 12 | 58915 | 359 | 5 | 62 54 8 | 207870 | 508 | 5 | 211 203 8 | |
| | | | | 172 | | | | 173 | BM 50-9 |
| BM 50-9 | | | | | | | | 172 | Crenshaw Blvd. 0.9 mi. S'ly. of Crest |
| | 453652 | | | | 3252979 | | | 345 | Rd. |
| | | | | | 453652 | | | | |
| | | | | | 2799327 | | | | See F.B. 2400-15 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.R. Dreier

NOTES BY Maldonado DATE 4-14-70

INDEXED C.J. GALLI DATE

WEATHER Sunny & Lt. Wind

TIME 8:50 to 9:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

F.B. 3799 PG. 209

T = 60°

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | ~~8 561~~ | | | | ~~4 354~~ | | | | FROM BM 50-9 TO T.B.M. |
| BM 50-9 | | 3 | | 302 | | | | 26 | BM 50-9 |
| 1 | 294 | 946 | 595 5 | 286 16 | 19 | 690 | 320 5 | 12 14 | Crenshaw Blvd., 0.9 mi. S'ly. of |
| | | | | 296 | | | | 64 | Crest Rd. |
| 2 | 285 | 492 | 586 5 | 274 22 | 53 | 152 | 354 5 | ~~42~~ 42 20 | See F.B. 2400-15 |
| | | | | 253 38 | | | | 34 34 | |
| 3 | 244 | 370 | 545 5 | 235 18 | 24 | 937 | 325 5 | 14 20 | |
| | | | | 269 56 | | | | 25 54 | |
| 4 | 261 | 195 | 562 5 | 253 16 | 16 | 163 | 317 5 | 7 18 | T-Dreier |
| | | | | 305 72 | | | | 19 72 | |
| 5 | 295 | 831 | 596 5 | 285 20 | 10 | 678 | 311 5 | 1 18 | |
| | | | | 306 92 | | | | 20 90 | |
| 6 | 299 | 310 | 600 5 | 292 14 | 11 | 213 | 312 5 | 2 18 | |
| | | | | 281 106 | | | | 28 108 | |
| 7 | 273 | 113 | 574 5 | 265 16 | 20 | 268 | 321 5 | 12 16 | |
| | | | | 280 122 | | | | 48 124 | |
| 8 | 273 | 942 | 574 5 | 266 14 | 41 | 818 | 342 5 | 34 14 | |
| | | | | 291 136 | | | | 29 138 | |
| 9 | 283 | 285 | 584 5 | 275 16 | 22 | 671 | 323 5 | 17 12 | |
| | | | | 306 152 | | | | 13 ~~11~~ 150 | |
| 10 | 299 | 760 | 600 5 | 292 14 | 6 | 955 | 307 5 | -1 14 | |
| | | | | 237 166 | | | | 23 164 | |
| 11 | 233 | 788 | 534 5 | 229 8 | 18 | 204 | 319 5 | 13 10 | |
| | | | | 174 | | | | 174 | |
| ~~12~~ | | | | | | | | 174 | |
| | 3045 | 032 | | | 245 | 749 | | 348 | T.B.M. |
| | 245 | 749 | | | | | | | Crenshaw Blvd., 0.3 mi. E. of |
| | +2799 | 283 | | | | | | | Seacrest Dr., SPK. in Lg Rock |
| | | | | | | | | | See F.B. |

T-60°

WEATHER Sunny & H. Breeze INST. NO. 96712

TIME 11:40 to ROD NO. 95-896

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-17-70

INDEXED C. J. GALLI DATE

F.B. 3799 PG. 210

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64
SURVEY BY Maldonado G.E. Dreier
NOTES BY C.J. GALLI DATE 4-14-70 WEATHER Sunny & Lt. wind
INDEXED DATE TIME 9:30 to 10:00 INST. NO. 96716
NOTES CHKD DATE ROD NO. 85496
F.B. 3799 PG. 211

| STATION | BACKSIGHT Right | BACKSIGHT Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right | FORESIGHT Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM BM 50-9 TO T.B.M. ~~50-10~~ #11 ~~BM 50-9A~~ |
| BM 50-9 | | -3232 | | 306 | | 2143 | | 293½ | BM 50-9 |
| 1 | 290 | 223 | 591 5 | 274 32 | 293 | 765 | 594 5 | 277² 32 | Crenshaw Blvd. 0.9 mi. S'ly. of Crest Rd. |
| | | | | 49 | | | | 281 | |
| 2 | 42 | 675 | 343 5 | 35 14 | 274 | 470 | 575 5 | 267 14 | |
| | | | | 28 46 | | | | 300, 46 | See F.B. 2400-15 |
| 3 | 18 | 135 | 319 5 | 8 20 | 300 | 650 | 601 5 | 290½ 20 | |
| | | | | 16½ 66 | | | | 301, 66 | |
| 4 | 6 | 400 | 307 5 | 6½ 20 | 301 | 845 | 602 5 | 292² 18 | |
| | | | | 32 86 | | | | 300, 84 | |
| 5 | 23 | 850 | 324 5 | 14 18 | 300 | 775 | 601 5 | 291² 18 | |
| | | | | 15½ 104 | | | | 300, 102 | |
| 6 | 6 | 293 | 307 5 | 6½ 18 | 300 | 021 | 601 5 | 290² 20 | |
| | | | | 37 122 | | | | 242 122 | |
| 7 | 29 | 058 | 330 5 | 21 16 | 234 | 872 | 535 5 | 226 16 | |
| | | | | 138 | | | | 138 | |
| | | | | | | | | 138 | |
| | 416 | 634 | | | 2006 | 398 | | 276 | |
| | | | | | 416 | 634 | | | |
| | | | | | -1589 | 764 | | | |
| TBM ~~50-10~~ #11 | | | | | | | | | T.B.M. #11 = BM 50-9A Crenshaw Blvd. 1.05 mi. S'ly. of Crest Rd. |
| | | | | | | | | | See F.B. 2400-15 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 212 JOB NO. 030102

SURVEY OF Lab. Prairie Level Net

SURVEY BY Dreier NOTES Maldonado 4-17-70 DATE

INDEXED C. J. GALLI DATE

NOTES CHKD CJG

TIME 11:00 A.M. 4/17/70 ROD NO. 95E9

WEATHER Sunny 64° INST. NO. 9676

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM T.B.M. #11 TO BM 50-9 |
| T.B.M. #11 | | | | | | | | | TBM #11 = BM 50-9A |
| | 542.33 | | | 299 1/2 | 33.32 | | | 21 | Crenshaw Blvd. 1.05 mi. S'ly of |
| 1 | 299 928 | | 600 5 | 288 22 | 10 251 | | 311 5 | -1 22 | Crest Rd. |
| | | | | 306 | | | | 15 | See F.B. 2400-15 |
| 2 | 297 040 | | 598 5 | 288 18 | 6 669 | | 307 5 | 6 1/2 18 | |
| | | | | 301 40 | | | | 14 1/2 40 | |
| 3 | 301 288 | | 602 5 | 292 1/2 18 | 5 250 | | 306 5 | 5 1/2 18 | |
| | | | | 307 58 | | | | 16 58 | |
| 4 | 298 596 | | 599 5 | 289 18 | 7 467 | | 308 5 | -2 18 | |
| | | | | 305 76 | | | | 15 1/2 76 | T-Dreier |
| 5 | 295 545 | | 596 5 | 285 20 | 6 513 | | 307 5 | 6 1/2 18 | |
| | | | | 307 96 | | | | 24 94 | |
| 6 | 297 208 | | 598 5 | 287 20 | 14 380 | | 315 5 | 4 20 | |
| | | | | 155 116 | | | | 303 114 | |
| 7 | 146 334 | | 447 5 | 137 18 | 295 660 | | 596 5 | 287 16 | |
| | | | | 134 | | | | 130 | |
| | | | | | | | | 134 | |
| | 1935 939 | | | | 346 190 | | | 264 | |
| | 346 190 | | | | | | | | |
| | + 1589 749 | | | | | | | | |
| | | | | | | | | | BM 50-9 |
| | | | | | | | | | Crenshaw Blvd. 0.9 mi. S'ly of |
| | | | | | | | | | Crest Rd. |
| BM. 50-9 | | | | | | | | | See F.B. 2400-15 |

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Maldonado G.E. Dreier DATE 4-14-70 WEATHER Sunny 84 Windy INST. NO. 96716

NOTES BY TIME 10:00 to ROD NO. 25-96

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 3799 PG. 213

T-58

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | ~~BM 50-9A~~ From T.B.M # 11 To BM 50-10 |
| T.B.M # 11 | | | 117 | | | 273 | T.B.M # 11 = BM 50-9A |
| 1 | 107 408 | 408 5 | 97 20 | 263 055 | 564 5 | 253 20 | Crenshaw Blvd. 1.05 mi. S'ly. of |
| | | | 38 | | | 299 1/2 | Crest Rd. N.W'ly Side of Rd. |
| 2 | 25 623 | 326 5 | 12 26 | 299 011 | 600 5 | 287 1/2 24 | See F.B. 2400-15 |
| | | | 39 46 | | | 280 44 | |
| 3 | 29 775 | 330 5 | 19 20 | 269 178 | 570 5 | 258 22 | |
| | | | 62 66 | | | 298 1/2 66 | |
| 4 | 50 968 | 351 5 | 38 24 | 298 169 | 599 5 | 287 1/2 22 | |
| | | | 35 90 | | | 301 1/2 88 | |
| 5 | 23 282 | 324 5 | 11 24 | 301 481 | 602 5 | 289 1/2 24 | T-Dreier |
| | | | 22 114 | | | 308 112 | |
| 6 | 12 039 | 313 5 | 2 20 | 298 473 | 599 5 | 288 20 | |
| | | | 15 134 | | | 298 1/2 132 | |
| 7 | 5 235 | 306 5 | 5 1/2 20 | 298 335 | 599 5 | 288 1/2 20 | |
| | | | 30 154 | | | 298 152 | |
| 8 | 20 798 | 321 5 | 10 20 | 288 401 | 589 5 | 278 20 | |
| | | | 26 174 | | | 301 1/2 172 | |
| 9 | 16 030 | 317 5 | 6 20 | 301 503 | 602 5 | 291 1/2 20 | |
| | | | 23 194 | | | 286 192 | |
| 10 | 12 028 | 313 5 | 1 22 | 274 865 | 575 5 | 262 24 | |
| | | | 107 216 | | | 234 216 | |
| 11 | 105 292 | 406 5 | 103 4 | 232 988 | 533 5 | 230 4 | |
| | | | 220 | | | 220 | |
| | | | | | | 220 | |
| | 408 478 | | | 3 125 459 | | 440 | BM 50-10 |
| BM 50-10 | | | | 408 478 | | | Crenshaw Blvd. 1.3 mi. S'ly. of |
| | | | | 2 716 981 | | | Crest Rd. |
| | | | | | | | See F.B. 2400-16 |

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS BM 50-9A FROM BM50-10 TO TBM#11 |
|---|---|---|---|---|---|---|---|---|---|
| BM50-10 | 746 | 54 | | 266 | 55 | 53 | | 36 | BM 50-10 |
| 1 | 259 | 777 | 560.5 | 252 14 | 26 | 310 | 327.5 | 16 20 | Crenshaw Blvd., 1.3 mi. S. of Crest Rd. |
| 2 | 270 | 137 | 571.5 | 278 262 16 | 52 | 464 | 353.5 | 59 45 14 | See F.B. 2400-16 |
| 3 | 296 ~~297~~ | 993 | 597.5 | 307 30 285 22 | 4 | 131 | 305.5 | 14½ 34 4 20 | |
| 4 | 296 | 763 | 597.5 | 306 52 286 20 | 18 | 840 | 319.5 | 28 54 8 20 | π- Dreier |
| 5 | 300 | 270 | 601.5 | 300½ 72 290 20 | 5 | 383 | 306.5 | 15½ 74 5 20 | |
| 6 | 294 | 834 | 595.5 | 304 92 284 20 | 21 | 653 | 322.5 | 30 94 12 18 | |
| 7 | 290 | 373 | 591.5 | 301 112 279 22 | 11 | 470 | 312.5 | 22 112 0 22 | |
| 8 | 255 | 709 | 556.5 | 265 134 245 20 | 41 | 440 | 342.5 | 51 134 31 20 | |
| 9 | 278 | 120 | 579.5 | 290 154 266 24 | 12 | 859 | 313.5 | 24 154 0 24 | |
| 10 | 274 | 733 | 575.5 | 285 178 263 22 | 18 | 478 | 319.5 | 29 178 7 22 | |
| 11 | 211 | 643 | 512.5 | 221 200 201 20 | 99 | 254 | 400.5 | 109 200 89 20 | |
| | | | | 220 | | | | 220 | |
| ~~12~~ | | | | | | | | 220 | |
| | 3029 | 352 | | | 312 | 282 | | 440 | T.B.M. #11 = BM 50-9A |
| | 312 | 282 | | | | | | | Crenshaw Blvd, 1.05 mi. f'ly. of Crest Rd, S'wly Side of Rd. |
| | + 2717 | 070 | | | | | | | |
| T.B.M. #11 | | | | | | | | | See F.B. 2400-15 |

F.B. 3799 PG. 214 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-17-70

INDEXED C. J. GALLI DATE

WEATHER Sunny & Lt. Breeze INST. NO. 96716

TIME 10:20 to 11:00 ROD NO. 95896

NOTES CHKD [illegible] DATE

T- 64°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-14-50

INDEXED C.J. GALLI DATE

WEATHER WINDY-CLEAR 56°

TIME 10:35 TO 11:00

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

F.B. 3799 PG. 215

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS BM 50-10 A = FROM 50-10 TO T.B.M. #12 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 50-10 | | | | | | | | | B.M. 50-10 |
| 1 | 172 | 830 | 473 5 | 180 164 16 | 263 | 657 | 564 5 | 271 255 16 | CRENSHAW BLVD. 1.3 mi. S. of CREST RD. SEE F.B. 2400-16 |
| 2 | 11 | 961 | 312 5 | 23 -1 24 | 288 | 217 | 589 5 | 299 277 22 | |
| 3 | 7 | 581 | 308 5 | 15 40 ½ 7 16 | 299 | 716 | 600 5 | 307 291 38 16 | |
| 4 | 15 | 791 | 316 5 | 23 56 7 16 | 297 | 340 | 598 5 | 305 289 54 16 | ⊼ R. SIEMANN |
| 5 | 22 | 832 | 323 5 | 30 72 14 16 | 298 | 101 | 599 5 | 306 290 70 16 | |
| 6 | 15 | 631 | 316 5 | 24 88 6 18 | 300 | 272 | 601 5 | 300 ½ 289 86 22 | |
| 7 | 7 | 481 | 308 5 | 15 106 ½ 7 16 | 295 | 268 | 596 5 | 306 284 108 22 | |
| 8 | 18 | 214 | 319 5 | 25 122 11 14 | 295 | 745 | 596 5 | 299 291 130 8 | |
| 9 | 7 | 361 | 308 5 | 12 136 2 10 | 253 | 029 | 554 5 | 257 249 138 8 | |
| 10 | 90 | 468 | 391 5 | 92 146 88 4 150 | 247 | 130 | 548 5 | 249 245 146 4 150 | |
| T.B.M. #12 | | | | | | | | 150 | T.B.M. #12 = BM 50-10 A |
| | 370 | 150 | | | 2838 | 475 | | 300 | CRENSHAW BLVD., 1.45 mi. S. of CREST RD |
| | | | | | 370 | 150 | | | P.K. SPK IN HEADWALL, SEE F.B. 2400-17 |
| | | | | | 2468 | 325 | | | |

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**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| T.B.M. #12 | | | | | | | | | ~~BM 50-10A~~ FROM T.B.M. #12 TO 50-10 |
| 1 | 255 | 069 | 556.5 | 258 / 252 6 | 82 | 809 | 383.5 | 85 / 79 6 | T.B.M. #12 = BM 50-10A<br>CRENSHAW BLVD, 1.45 mi. So. of CREST. RD |
| 2 | 291 | 070 | 592.5 | 296 / 286 10 / 16 | 11 | 655 | 312.5 | 16 / 6 10 / 16 | SEE F.B. 2400-17 |
| 3 | 285 | 709 | 586.5 | 290 / 280 10 / 26 | 56 | 717 | 357.5 | 61 / 51 10 / 26 | ↑ R. SIEMANN |
| 4 | 297 | 333 | 598.5 | 305 / 289 16 / 42 | 34 | 239 | 335.5 | 42 / 26 16 / 42 | |
| 5 | 300 | 223 | 601.5 | 1/2 300 / 290 20 / 62 | 6 | 024 | 307.5 | 1/2 16 / 6 20 / 62 | |
| 6 | 299 | 878 | 600.5 | 1/2 299 / 290 18 / 80 | 8 | 711 | 309.5 | 16 / 0 16 / 78 | |
| 7 | 301 | 791 | 602.5 | 1/2 301 / 292 18 / 98 | 4 | 000 | 305.5 | 1/2 12 / 4 16 / 94 | |
| 8 | 279 | 011 | 580.5 | 286 / 272 14 / 112 | 28 | 908 | 329.5 | 35 / 21 14 / 108 | |
| 9 | 280 | 600 | 581.5 | 288 / 272 16 / 128 | 23 | 838 | 324.5 | 33 / 13 20 / 128 | |
| 10 | 282 | 061 | 583.5 | 292 / 272 20 / 148 | 147 | 701 | 448.5 | 157 / 137 20 / 148 | |
| B.M. 50-10 | | | | | | | | 148 | B.M. 50-10 |
| | 2872 | 745 | | | 404 | 602 | | 296 | CRENSHAW BLVD 1.3 mi. S. of CREST RD |
| | 404 | 602 | | | | | | | SEE F.B. 2400-16 |
| | +2468 | 143 | | | | | | | |

F.B. 3799 PG. 216 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-17-70

INDEXED C. J. GALLI DATE

60°

WEATHER CLEAR INST. NO. 96716

TIME 9:15 to 10:15 ROD NO. 95896

NOTES CHKD. [signature] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-20-70

INDEXED C.J. GATT DATE

WEATHER 68° THIN SCAT. CLOUDS TIME 11:45

NOTES CHKD DATE

INST. NO. 28716 ROD NO. 25 & 26

F.B. 3799 PG. 217

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | RERUN ~~BM 50-10 A~~ FROM T.B.M. #12 TO 50-10 |
| T.B.M. #12 | | | | | | | T.B.M. #12 = BM 50-10 A |
| 1 | 267 920 | 568 5 | 271 263 8 | 62 742 | 363 5 | 65 59 6 | CRENSHAW BLVD. 1.45 mi. S. OF CREST RD |
| | | | | | | | SEE F.B. 2400-17 |
| 2 | 299 094 | 600 5 | 304 294 10 18 | 12 352 | 313 5 | 16 7 9 15 | |
| 3 | 262 698 | 563 5 | 268 257 11 29 | 32 783 | 333 5 | 38 26 12 27 | R. SIEMANN |
| 4 | 297 239 | 598 5 | 306 288 18 47 | 18 230 | 319 5 | 27 9 18 45 | |
| 5 | 299 140 | 600 5 | 299 290 18 65 | 7 939 | 308 5 | 16 27 18 63 | |
| 6 | 301 985 | 602 5 | 1 301 2 292 18 83 | 10 788 | 311 5 | 19 1 18 81 | |
| 7 | 297 532 | 598 5 | 304 290 14 97 | 22 020 | 323 5 | 30 14 16 97 | |
| 8 | 286 060 | 587 5 | 293 279 14 111 | 44 572 | 345 5 | 51 37 14 111 | |
| 9 | 294 278 | 595 5 | 304 284 20 131 | 35 137 | 336 5 | 45 25 20 131 | |
| 10 | 274 109 | 575 5 | 283 265 18 149 | 165 252 | 466 5 | 173 157 16 147 149 | |
| BM. 50-10 | | | | | | | BM. 50-10 |
| | 2880055 | | | 411 815 | | 296 | CRENSHAW BLVD. 1.3 mi. S. OF CREST RD |
| | 411 815 | | | | | | SEE F.B. 2400-16 |
| | + 2468240 | | | | | | |

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 4-14-70 WEATHER 62° LT WIND CLEAR INST. NO. 96716
NOTES BY G.E. DREIER TIME 11:00 ROD NO. 25 & 96
INDEXED G.J. GALLI DATE NOTES CHKD DATE
F.B. 3799 PG. 29

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | ~~BM 50-10A~~ ~~BM 50-10B~~ FROM T.B.M. #12 TO T.B.M. #13 |
| T.B.M. #12 | | | | | | | T.B.M. #12 = BM 50-10A |
| 1 | 283.879 | 584 5 | 294 272 22 | 226 740 | 527 5 | 236 216 20 | CRENSHAW BLVD, 1.45 mi. S. OF CREST RD |
| | | | | | | | P.K. SPK IN HEADWALL, SEE F.B. 2400-17 |
| 2 | 12 120 | 313 5 | 20 4 16 | 296 000 | 597 5 | 305 287 18 | |
| | | | 38 | | | 38 | |
| 3 | 9 609 | 310 5 | 17 1 16 | 301 833 | 602 5 | 301 293 18 | |
| | | | 54 | | | 56 | |
| 4 | 13 740 | 314 5 | 21 5 16 | 300 651 | 601 5 | 307 293 14 | R. SIEMANN |
| | | | 70 | | | 70 | |
| 5 | 10 876 | 311 5 | 18 2 16 | 295 035 | 596 5 | 303 287 16 | |
| | | | 86 | | | 86 | |
| 6 | 10 580 | 311 5 | 18 2 16 | 300 240 | 601 5 | 300 292 16 | |
| | | | 102 | | | 102 | |
| 7 | 21 460 | 322 5 | 29 13 16 | 299 514 | 600 5 | 307 291 16 | |
| | | | 118 | | | 118 | |
| 8 | 11 499 | 312 5 | 19 3 16 | 300 191 | 601 5 | 300 292 16 | |
| | | | 134 | | | 84 | |
| 9 | 14 818 | 315 5 | 22 6 16 | 298 088 | 599 5 | 305 291 14 | |
| | | | 150 | | | 148 | |
| 10 | 11 239 | 312 5 | 18 4 14 | 296 800 | 597 5 | 305 287 16 | |
| | | | 164 | | | 164 | |
| 11 | 12 951 | 313 5 | 20 4 16 | 279 110 | 580 5 | 287 271 16 | |
| | | | 180 | | | 180 | |
| 12 | 13 758 | 314 5 | 22 13 18 | 298 370 | 599 5 | 306 290 16 | |
| | | | 198 | | | 196 | |
| 13 | 128 033 | 429 5 | 130 126 4 | 143 220 | 444 5 | 146 148 6 | |
| | | | 202 | | | 202 | |
| | 554 562 | | | 3635 792 | | 202 | T.B.M. #13 = BM 50-10B |
| | | | | 554 562 | | 404 | CRENSHAW BLVD, 1.7 mi. S. OF CREST RD, |
| | | | | 3081 230 | | | SEE F.B. 2400-17 |
| T.B.M. #13 | | | | | | | |

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Do not extend notes this side of this line.

F.B. 3799 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-16-70

INDEXED G. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 2140 TO 3110 ROD NO. 25, 96

NOTES CHKD. DATE

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | ~~BM 50-10B~~ ~~BM 50-10A~~ FROM T.B.M. 13 TO T.B.M. #12 |
| T.B.M. 13 | | | | | | | | | T.B.M. #13 = BM 50-10B |
| 1 | 197 | 570 | 498 | 5 / 204 / 190 / 14 | 16 | 710 | 317 | 5 / 24 / 8 / 16 | CRENSHAW BLVD. 1.7 MI. S. OF CREST RD |
| | | | | | | | | | SEE F.B. 2400-17 |
| 2 | 301 | 579 | 602 | 5 / 301 / 292 / 18 / 32 | 16 | 422 | 317 | 5 / 25 / 7 / 18 / 34 | |
| 3 | 299 | 928 | 600 | 5 / 307 / 291 / 16 / 48 | 13 | 611 | 314 | 5 / 21 / 5 / 16 / 50 | T R. SIEMANN |
| 4 | 296 | 251 | 597 | 5 / 303 / 289 / 14 / 62 | 16 | 590 | 317 | 5 / 23 / 9 / 14 / 64 | |
| 5 | 299 | 200 | 600 | 5 / 307 / 291 / 16 / 78 | 11 | 340 | 312 | 5 / 19 / 3 / 16 / 80 | |
| 6 | 299 | 560 | 600 | 5 / 306 / 292 / 14 / 92 | 23 | 612 | 324 | 5 / 30 / 16 / 14 / 94 | |
| 7 | 300 | 970 | 601 | 5 / 300 / 292 / 16 / 108 | 4 | 391 | 305 | 5 / 12 / 24 / 16 / 110 | |
| 8 | 289 | 604 | 590 | 5 / 296 / 282 / 14 / 122 | 25 | 038 | 326 | 5 / 32 / 18 / 14 / 124 | |
| 9 | 295 | 018 | 596 | 5 / 302 / 288 / 14 / 136 | 8 | 801 | 309 | 5 / 15 / 1 / 14 / 138 | |
| 10 | 300 | 670 | 601 | 5 / 300 / 291 / 18 / 154 | 7 ~~8~~ 8 | 999 | 308 | 5 / 15 / -1 / 16 / 154 | |
| 11 | 297 | 160 | 598 | 5 / 305 / 289 / 16 / 170 | 4 | 119 | 305 | 5 / 12 / 24 / 16 / 170 | |
| 12 | 301 | 598 | 602 | 5 / 301 / 288 / 26 / 196 | 249 | 434 | 555 | 0 / 263 / 236 / 27 / 197 | T.B.M. #12 = BM 50-10A |
| | 3479 | 108 | | | 398 | 067 | | | 196 |
| T.B.M. #12 | 398 | 067 | | | | | | | 393 CRENSHAW BLVD., 1.45 MI. S. OF CREST RD |
| | +3081 | 041 | | | | | | | SEE F.B. 2400-17 |

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-14-70 WEATHER LT. WIND, CLEAR

INDEXED C.J. GALLI DATE TIME 1:15 70 INST. NO. 96716

NOTES CHKD DATE ROD NO. 95496

F.B. 3799 PG. 221

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | ~~B.M. 50-103~~ FROM T.B.M. 13 TO B.M. 50-11 |
| T.B.M. #13 | | | | | | | T.B.M. 13 = B.M. 50-103 |
| 1 | 12.491 | 313.5 | 21 3 18 | 289.887 | 590.5 | 298 280 18 | CRENSHAW BLVD. 1.7 MI. S. OF CREST RD. |
| | | | | | | | SEE F.B. 2400-17 |
| 2 | 6.437 | 307.5 | 14 2 6 16 | 299.579 | 600.5 | 299 289 20 | |
| | | | 34 | | | 294 38 | T R. SIEMANN |
| 3 | 10.522 | 311.5 | 19 1 18 | 287.138 | 588.5 | 280 14 | |
| | | | 52 | | | 115 52 | |
| 4 | 92.560 | 393.5 | 96 88 8 | 112.975 | 413.5 | 109 6 | |
| | | | 60 | | | 58 | |
| B.M. 50-11 | | | | | | 60 | B.M. 50-11 |
| | 122.010 | ✓ | | 989.579 | ✓ | 118 | CRENSHAW BLVD., 1.8 MI. S. OF CREST RD, |
| | | | | 122.010 | ✓ | | 1.15 MI. N. OF P.V. DR. S. |
| | | | | 867.569 | ✓ | | SEE F.B. 2400-17 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 222 JOB NO. 030102

SURVEY OF L.A.C. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-16-70

INDEXED C.J. GALLI DATE

WEATHER HAZY 50 INST. NO. 96716

TIME 2:30 TO 2:40 ROD NO. 95896

NOTES CHKD DATE

65°

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS From 50-11 To T.B.M. #13 (BM 50-10B) |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 50-11 | | | | | | | | | B.M. 50-11 |
| 1 | 195 | 771 | 496 5 | 202 188 14 | 22 938 | 323 5 | 30 14 16 | | CRENSHAW BLVD. 1.15 MI. N. OF PV. DR. S. SEE F.B. 2400-17 |
| 2 | 295 | 210 | 596 5 | 304 286 18 | 26 949 | 327 5 | 35 18 17 | | |
| 3 | 294 | 961 | 595 5 | 302 32 286 16 48 | 6 647 | 307 5 | 15 33 26 18 | | ↑ R. SIEMANN |
| 4 | 229 | 540 | 530 5 | 235 223 12 60 | 91 390 | 392 5 | 95 51 87 8 59 60 | | |
| T.B.M. # 13 | | | | | | | | | T.B.M. #13 = BM 50-10B |
| | 1015 | 482 | | | 147 | 924 | | 119 | CRENSHAW BLVD., 1.7 MI. S. OF CREST RD. SEE F.B. 2400-17 |
| | 147 | 924 | | | | | | | |
| | +867 | 558 | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 62°

SURVEY BY

NOTES BY DATE 4-14-70 WEATHER LT WIND, CLEAR INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 1:30 TO ROD NO. 95896

NOTES CHKD [illegible] DATE

F.B. 3799 PG. 223

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | BM 50-11A FROM 50-11 TO T.B.M. #14 |
| B.M. 50-11 | | | | | 88 65 | | | | BM. 50-11 |
| 1 | 39 | 296 | 340 5 | 41 37 4 | 197 | 951 | 498 5 | 199 195 4 | CRENSHAW BLVD, 1.15 MI. N. OF P.V. DR. S. |
| | | | | | | | | | SEE F.B. 2700-17 |
| 2 | 18 | 785 | 319 5 | 25 11 14 | 274 | 921 | 575 5 | 281 267 14 | |
| 3 | 12 | 191 | 313 5 | 20 4 18 16 | 269 | 029 | 570 5 | 278 260 18 18 | |
| 4 | 21 | 028 | 322 5 | 29 13 34 16 | 274 | 463 | 575 5 | 282 266 36 16 | J. MALDONADO |
| 5 | 10 | 090 | 311 5 | 18 2 50 16 | 299 | 033 | 600 5 | 299 290 52 18 | |
| 6 | 8 | 212 | 309 5 | 15 1 66 14 | 294 | 652 | 595 5 | 301 287 70 14 | |
| 7 | 24 | 689 | 325 5 | 31 17 80 14 | 272 | 431 | 573 5 | 277 267 84 10 | |
| 8 | 7 | 401 | 308 5 | 16 7 94 18 | 293 | 243 | 594 5 | 301 285 94 16 | |
| 9 | 16 | 463 | 317 5 | 24 8 112 16 | 277 | 972 | 578 5 | 286 268 110 16 | |
| 10 | 29 | 709 | 330 5 | 38 20 128 18 | 279 | 909 | 580 5 | 288 270 126 18 | |
| 11 | 228 | 160 | 529 5 | 233 223 146 10 | 298 | 350 | 599 5 | 304 292 144 12 | |
| 12 | 11 | 037 | 312 5 | 14 8 156 6 | 283 | 917 | 584 5 | 286 280 156 6 | |
| 13 | 18 | 127 | 319 5 | 20 16 162 4 | 300 | 471 | 601 5 | 302 298 162 4 | |
| 14 | 18 | 851 | 319 5 | 20 16 166 4 | 276 | 887 | 577 5 | 278 274 166 4 | |
| 15 | 69 | 199 | 370 5 | 72 66 170 6 | 163 | 143 | 464 5 | 165 161 170 4 | T.B.M. #14 = BM 50-11A |
| | | | | 176 | | | | 174 | CRENSHAW BLVD. 1. MI. N. OF P.V. DR. S |
| T.B.M. #14 | 533 | 238 | | | 4056 | 372 | | 176 | SEE F.B. 2700-17 |
| | | | | | 533 | 238 | | | |
| | | | | | 3523 | 134 | | 350 | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2799 PG. 224 JOB NO. 0301.02

SURVEY OF L.A.Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-16-70

INDEXED C.J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 1:15 TO 2:30 ROD NO. 95596

NOTES CHKD DATE

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Bm 50-11A FROM T.B.M. 14 TO 50-11 |
| T.B.M. # 14 | | | | 290 | | | | 12 | T.B.M. 14 = Bm 50-11A |
| 1 | 288 | 491 | 589 5 | 286 4 | 10 | 011 | 311 5 | 8 4 | CRENSHAW BLVD, 1 MI. N. OF P.V.D.R.S. |
| | | | | 289 | | | | 17 | SEE F.B 2400-17 |
| 2 | 287 | 202 | 588 5 | 287 2 | 15 | 051 | 316 5 | 13 4 | |
| | | | | 295 6 | | | | 29 8 | |
| 3 | 293 | 119 | 594 5 | 291 4 | 26 | 592 | 327 5 | 23 6 | T.J. MALDONADO |
| | | | | 284 10 | | | | 50 14 | |
| 4 | 275 | 817 | 576 5 | 266 18 | 43 | 017 | 344 5 | 36 14 | |
| | | | | 28 | | | | 28 | |
| 5 | 296 | 796 | 597 5 | 306 20 | 5 | 469 | 306 5 | 15 5 20 | |
| | | | | 286 48 | | | | 48 | |
| 6 | 299 | 889 | 600 5 | 1299 22 | 9 | 307 | 310 5 | 18 0 18 | |
| | | | | 2288 | | | | | |
| 7 | 295 | 994 | 596 5 | 303 70 | 5 | 941 | 306 5 | 14 66 | |
| | | | | 287 16 | | | | 25 18 | |
| 8 | 277 | 612 | 578 5 | 284 86 | 8 | 763 | 309 5 | 16 84 | |
| | | | | 270 14 | | | | 8 16 | |
| 9 | 293 | 432 | 594 5 | 300 100 | 14 | 769 | 315 5 | 22 100 | |
| | | | | 286 14 | | | | 6 16 | |
| 10 | 259 | 718 | 560 5 | 266 114 | 4 | 728 | 305 5 | 112 116 | |
| | | | | 252 12 | | | | 24 16 | |
| 11 | 90 | 931 | 591 5 | 298 126 | 54 | 734 | 355 5 | 60 132 | |
| | 2 | | | 282 16 | | | | 48 12 | |
| | | | | | | | | | 144 |
| 12 | 286 | 251 | 587 5 | 294 142 | 5 | 474 | 306 5 | 12 14 | |
| | | | | 278 16 | | | | 5 | |
| | | | | | | | | | 158 |
| 13 | 294 | 709 | 595 5 | 307 158 | 5 | 571 | 306 5 | 13 16 | |
| | | | | 286 16 | | | | 5 | |
| | | | | | | | | | 174 |
| 14 | 90 | 838 | 391 5 | 93 174 | 97 | 988 | 398 5 | 100 6 | |
| | | | | 87 6 | | | | 94 | |
| | | | | 180 | | | | | 180 |
| B.M. 50-11 | 3830 | 799 | | | 307 | 415 | | | 180 B.M. 50-11 P.V.D.R.S. |
| | 307 | 415 | | | | | | | 360 CRENSHAW BLVD, 1.15 MI. N. OF |
| | + 3523 | 384 | | | | | | | SEE F.B. 2400-17 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 65

SURVEY BY G.E. DREIER WEATHER THIN CLOUDS INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-20-70 TIME 9:50 TO 11:00 ROD NO. 95 & 96

INDEXED C.J. GALL DATE NOTES CHKD [illegible] DATE

F.B. 3799 PG. 225

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | RERUN DESCRIPTION AND REMARKS FROM 50-11 TO T.B.M.# 14 |
|---|---|---|---|---|---|---|---|
| B.M. 50-11 | | | | | | | B.M. 50-11 |
| 1 | 26 999 | 327 5 | 28 / 24 4 | 194 060 | 495 5 | 196 / 192 4 | CRENSHAW BLVD. 1.15 MI. N. OF P.V. DR. S. |
| 2 | 17 480 | 318 5 | 24 / 10 14 / 18 | 279 768 | 580 5 | 286 / 272 14 / 18 | 1.8 MI. S. OF CRESTRD. SEE F.B. 2400-17 |
| 3 | 15 368 | 316 5 | 22 / 8 14 | 271 122 | 572 5 | 278 / 264 14 | |
| 4 | 9 183 | 310 5 | 20 / -2 32 / 22 / 54 | 300 382 | 601 5 | 1 300 / 2 291 32 / 18 / 50 | ⊼ J. MALDONADO |
| 5 | 3 239 | 304 5 | 11 / 1/2 3 16 / 70 | 301 176 | 602 5 | 1 301 / 2 292 18 | |
| 6 | 8 911 | 309 5 | 14 / 2 12 / 82 | 271 691 | 572 5 | 279 / 263 68 / 16 / 84 | + 200.984 |
| 7 | 8 612 | 309 5 | 15 / 1 14 | 285 951 | 586 5 | 292 / 278 14 | − 2808.794 |
| 8 | 9 110 | 310 5 | 16 / 2 96 / 14 / 110 | 291 311 | 592 5 | 299 / 283 98 / 16 / 114 | − 2607810 DIFF. 50-11 TO T.B.M.#17 |
| 9 | 11 879 | 312 5 | 20 / 2 18 / 128 | 267 589 | 568 5 | 274 / 260 14 / 128 | |
| 10 | 6 901 | 307 5 | 15 / 1/2 6 18 / 146 | 300 630 | 601 5 | 308 / 292 16 / 144 | |
| 11 | 83 302 | 384 5 | 87 / 79 8 / 154 | 45 114 | 346 5 | 49 / 41 8 / 152 | |
| | 200 984 | | | 2808 794 | | | T.B.M.#17 |
| 12 | 134 767 | 435 5 | 142 / 126 16 / 170 | 292 491 | 593 5 | 300 / 284 16 / 168 | CRENSHAW BLVD. 1.0 MI. N. OF P.V. DR. S. SEE F.B. 2400-20 |
| 13 | 18 134 | 319 5 | 20 / 16 4 / 174 | 282 674 | 583 5 | 284 / 280 4 / 172 | |
| 14 | 16 650 | 317 5 | 18 / 14 4 / 178 | 292 819 | 593 5 | 294 / 290 4 / 176 | |
| 15 | 3 550 | 304 5 | 5 / 1 4 / 182 | 220 517 | 521 5 | 223 / 117 6 / 182 | T.B.M.#14 = BM 50-11A |
| T.B.M.# 14 | 374 085 | | | 3897 295 | | 182 | CRENSHAW BLVD. 1.0 MI. N. OF P.V. DR. S. |
| | | | | 374 085 | | 364 | SEE F.B. 2400-17 |
| | | | | − 3523 210 | | | |

76P526B CE # 308 8/68

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

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

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY ~~[illegible]~~ G.E. DREIER
NOTES BY SIEMANN DATE 4-15-70 WEATHER LT. WIND TIME 1:30 PM INST. NO. 96716
INDEXED G.J. GALLI DATE NOTES CHKD DATE ROD NO. 95596
F.B. 3799 PG. 227
T = 64°

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left. | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left. | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | ~~BM 50-11A~~ FROM T.B.M. 14 TO 50-12 |
| 1 | 24549 | 3255 | 27 21 6 | 289919 | 5905 | 294 284 10 | T.B.M. #14 = BM 50-11A CRENSHAW BLVD. 1 MI. N. OF PALOS VERDES DR. S |
| 2 | 14306 | 3155 | 17 11 6 12 | 288370 | 5895 | 291 285 6 16 | SEE F.B. 2400-20 |
| 3 | 28075 | 3295 | 31 25 6 18 | 282889 | 5835 | 284 280 4 20 | |
| 4 | 9932 | 3105 | 11 7 4 22 | 294388 | 5955 | 297 291 6 26 | |
| 5 | 39272 | 3405 | 44 34 10 32 | 260908 | 5615 | 267 253 14 40 | |
| 6 | 10266 | 3115 | 15 5 10 42 | 299470 | 6005 | 304 294 10 50 | |
| 7 | 31636 | 3325 | 46 16 30 72 | 284817 | 5855 | 295 273 22 72 | |
| 8 | 53684 | 3545 | 66 53 26 98 | 294462 | 5955 | 306 282 24 96 | T = DREIER |
| 9 | 11580 | 3125 | 14 8 6 104 | 280567 | 5815 | 284 276 8 104 | |
| 10 | 41646 | 3425 | 44 38 6 110 | 297819 | 5985 | 301 293 8 112 | |
| 11 | 9935 | 3105 | 12 6 6 116 | 293002 | 5945 | 296 290 6 118 | |
| 12 | 46100 | 3475 | 49 43 6 122 | 290403 | 5915 | 292 288 4 122 | |
| 13 | 15723 | 3165 | 18 12 6 128 | 297200 | 5985 | 300 294 6 128 | |
| 14 | 8983 | 3095 | 10 6 4 132 | 299912 | 6005 | 302 296 6 134 | |
| | 345487 | | | 4054126 | | ~~132~~ ~~266~~ | |

CONT.

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM ~~BM 50-12~~ T.B.M. #14 TO 50-12 |
| | 345 | 987 | | 132 | 4054 | 126 | | 134 | CONT. |
| 15 | 10 | 460 | 311.5 | 12 8 4 / 136 | 296 | 648 | 597.5 | 298 294 4 / 138 | |
| 16 | 5 | 441 | 306.5 | 8 2 6 / 142 | 284 | 334 | 585.5 | 287 281 6 / 144 | |
| 17 | 17 | 867 | 318.5 | 20 14 6 / 148 | 287 | 070 | 588.5 | 289 285 4 / 148 | |
| 18 | 35 | 971 | 336.5 | 38 33 5 / 153 | 268 | 820 | 569.5 | 271 265 6 / 154 | |
| 19 | 50 | 510 | 351.5 | 53 47 6 / 159 | 279 | 641 | 580.5 | 281 277 4 / 158 | ⊼ = DREIER |
| 20 | 9 | 643 | 310.5 | 13 5 8 / 167 | 287 | 400 | 588.5 | 292 282 10 / 168 | |
| 21 | 4 | 618 | 305.5 | ½ 13 4 18 / 185 | 206 | 018 | 507.5 | 215 198 17 / 185 | |
| 22 | 7 | 3 017 | 374.5 | 94 52 42 / 227 | 271 | 585 | 572.5 | 292 250 42 / 227 | |
| 23 | 9 | 352 | 310.5 | 15 3 12 / 239 | 299 | 621 | 600.5 | 305 293 12 / 239 | |
| 24 | 6 | 877 | 307.5 | ½ 15 6 18 / 257 | 252 | 651 | 553.5 | 261 242 19 / 258 | |
| 25 | 138 | 380 | 439.5 | 160 115 45 / 302 | 66 | 891 | 367 | 88 43 45 / 303 | |
| B.M. 50-12 | | | | | | | | 302 | B.M. 50-12 |
| | ~~708~~ | ~~123~~ | | | 6854 | 805 | | 605 | CRENSHAW BLVD. 0.5 MI. N. OF |
| | 707 | 823 | | | 707 | 823 | | | PALOS VERDES DR. S. |
| | | | | | -6146 | 982 | | | SEE F.B. 2400-18 |

F.B. 3799 PG. 228 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DRIER NOTES SIEMANN 4-15-70

INDEXED C. J. GALLI DATE

WEATHER ~~CT~~ WIND INST. NO. 96716

TIME 2:45 ROD NO. 95496

NOTES CHKD DATE

T = 66°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 64°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 4-15-70 WEATHER PTLY CLOUDY INST. NO. 96716
INDEXED G.J. GALLI DATE TIME 11:15 TO ROD NO. 95896
NOTES CHKD DATE
F.B. 3799 PG. 229

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS (From 50-12 To T.B.M. #14) |
|---|---|---|---|---|---|---|---|
| B.M. 50-12 | 8 5 5 7 | | | 5 6 5 | | | B.M. 50-12 |
| 1 | 80 158 | 381 5 | 94 / 66 28 | 3 690 | 304 5 | 13 / 23 20 | CRENSHAW BLVD. 0.5 MI. N. OF |
| 2 | 277 006 | 578 5 | 284 / 270 14 / 42 | 5 295 | 306 5 | 13 / 5 16 / 36 | PALOS VERDES DR. S. |
| 3 | 162400 | 463 5 | 176 / 148 28 / 70 | 6 013 | 307 5 | 24 / 6 36 / 72 | SEE F.B. 2400-18 |
| 4 | 293559 | 594 5 | 296 / 290 6 / 76 | 16 650 | 317 5 | 19 / 13 6 / 88 | |
| 5 | 262645 | 563 5 | 273 / 251 22 / 98 | 31907 | 332 5 | 41 / 21 20 / 98 | |
| 6 | 248923 | 549 5 | 252 / 244 8 / 106 | 14 091 | 315 5 | 17 / 11 6 / 104 | |
| 7 | 299508 | 600 5 | 302 / 296 6 / 112 | 10329 | 311 5 | 13 / 7 6 / 110 | |
| 8 | 289277 | 590 5 | 292 / 286 6 / 118 | 4338 | 305 5 | 7 / 1 6 / 116 | T = DREIER |
| 9 | 298869 | 599 5 | 301 / 295 6 / 124 | 16058 | 317 5 | 19 / 13 6 / 122 | |
| 10 | 293408 | 594 5 | 295 / 291 4 / 128 | 5483 | 306 5 | 8 / 2 6 / 128 | |
| 11 | 288157 | 589 5 | 290 / 286 4 / 132 | 10170 | 311 5 | 12 / 8 4 / 132 | |
| 12 | 294491 | 595 5 | 296 / 292 4 / 136 | 4777 | 305 5 | 6 / 2 4 / 136 | |
| 13 | 293142 | 594 5 | 296 / 290 6 / 142 | 23340 | 324 5 | 26 / 20 6 / 142 | |
| 14 | 269433 | 570 5 | 273 / 265 8 / 150 | 15087 | 316 5 | 18 / 12 6 / 148 | |
| | 3650986 | | | 167228 | | | |

CONT.

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3799 PG. 230 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEELER NOTES SIEMANN 4-15-70

INDEXED C.J. GALLI DATE

WEATHER PTLY CLOUDY INST. NO. 96716

TIME ROD NO. 95896

NOTES CHKD DATE

T=

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | | | BM 50-11A |
| | | | | | | | FROM B.M. 50-12 TO T.B.M. 14 |
| | 3650986 | | 160 | 167228 | | 148 | |
| 15 | 287700 | 588 5 | 290 284 6 166 | 14609 | 315 5 | 18 10 8 156 | |
| 16 | 298715 | 599 5 | 301 295 6 162 | 15238 | 316 5 | 18 12 6 162 | |
| 17 | 275355 | 576 5 | 283 267 16 188 | 23385 | 324 5 | 31 15 16 188 | |
| 18 | 292310 | 593 5 | 292 275 34 222 | 16545 | 317 5 | 31 16 30 208 | |
| 19 | 297503 | 598 5 | 302 292 10 232 | 17171 | 318 5 | 23 11 12 220 | |
| 20 | 258531 | 559 5 | 264 252 12 234 | 19655 | 320 5 | 27 11 16 236 | |
| 21 | 295468 | 596 5 | 297 293 4 236 | 5130 | 306 5 | 7 3 4 240 | |
| 22 | 301535 | 602 5 | 304 299 5 243 | 29223 | 330 5 | 32 26 6 246 | |
| 23 | 278056 | 579 5 | 282 274 8 251 | 38550 | 339 5 | 40 35 5 251 | |
| 24 | 263241 | 564 5 | 265 261 4 255 | 5866 | 306 5 | 7 3 4 255 | |
| T.B.M. # 14 | | | | | | 255 510 | T.B.M. # 14 = BM 50-11A CRENSHAW BLVD. 1 MI. N. OF PALOS VERES DR. S. SEE F.B. 2400-20 |
| | 6499400 | | | 352600 | | | |
| | 352600 | | | | | | |
| | +6146800 | | | | | | |

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 50-12 TO 50-13 |
| B.M. 50-12 | | | | | | | | | B.M. 50-12 |
| 1 | 228 | 881 | 529 5 | 250 206 44 | 168 | 710 | 469 5 | 190 146 44 | CRENSHAW BLVD. 0.5 MI. N. OF F.N. DR. S. |
| | | | | | | | | | SEE F.B. 2400-18 |
| 2 | 31 | 124 | 332 5 | 42 20 22 66 | 293 | 791 | 594 5 | 304 282 22 66 | |
| 3 | 9 | 690 | 310 5 | 19 ½ 9 20 86 | 280 | 729 | 581 5 | 291 269 22 88 | ⊥ R. SIEMANN |
| 4 | 15 | 451 | 316 5 | 25 5 20 106 | 277 | 581 | 578 5 | 286 268 18 106 | |
| 5 | 16 | 791 | 317 5 | 26 6 20 126 | 260 | 967 | 561 5 | 270 250 20 126 | |
| 6 | 12 | 660 | 313 5 | 22 ½ 12 20 146 | 291 | 474 | 592 5 | 299 283 16 142 | |
| 7 | 22 | 999 | 323 5 | 28 16 12 158 | 296 | 853 | 597 5 | 304 288 16 158 | |
| 8 | 14 | 552 | 315 5 | 21 ½ 14 14 172 | 295 | 433 | 596 5 | 302 288 14 172 | |
| 9 | 9 | 380 | 310 5 | 16 2 14 186 | 272 | 641 | 573 5 | 278 266 12 184 | |
| 10 | 16 | 884 | 317 5 | 24 8 16 202 | 268 | 152 | 569 5 | 276 260 16 200 | |
| 11 | 13 | 521 | 314 5 | 21 5 16 218 | 301 | 549 | 602 5 | 301 ½ 294 14 214 | |
| 12 | 7 | 542 | 308 5 | 12 2 10 228 | 297 | 752 | 598 5 | 303 291 12 226 | |
| 13 | 7 | 761 | 308 5 | 12 2 10 238 | 297 | 732 | 598 5 | 302 292 10 236 | |
| | 407 | 236 | | | 3603 | 364 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-15-70 TIME 2:50 to 3:00 WEATHER 60 BREEZE CLEAR INST. NO. 26716
INDEXED C.J. CALL DATE NOTES CHKD DATE ROD NO. 25896
F.B. 3799 PG. 231

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 95 896
DATE
WEATHER
TIME
NOTES CHKD.

F.B. 3799 PG. 232
JOB NO. 030.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 4-15-70
INDEXED C.J. GALLI DATE

| STATION | BACKSIGHT RIGHT | MIC. | LEFT | STADIA | FORESIGHT RIGHT | MIC. | LEFT | STADIA | DESCRIPTION AND REMARKS FROM 50-12 TO 50-13 |
|---|---|---|---|---|---|---|---|---|---|
| | 407 | 236 | | 238 | 3603 | 364 | | 236 | CONT. |
| 14 | 18 | 330 | 319.5 | 22 / 14 / 8 / 246 | 299 | 818 | 600.5 | 304 / 294 / 10 / 246 | |
| 15 | 12 | 501 | 313.5 | 16 / 8 / 8 / 254 | 300 | 410 | 601.5 | 305 / 295 / 10 / 256 | |
| 16 | 6 | 340 | 307.5 | 12 / 0 / 12 / 266 | 295 | 841 | 596.5 | 300 / 290 / 10 / 266 | |
| 17 | 13 | 764 | 314.5 | 19 / 7 / 12 / 278 | 283 | 389 | 584.5 | 289 / 277 / 12 / 278 | |
| 18 | 12 | 809 | 313.5 | 19 / 5 / 14 / 292 | 276 | 381 | 577.5 | 283 / 269 / 14 / 292 | |
| 19 | 55 | 272 | 356.5 | 66 / 44 / 22 / 314 | 106 | 021 | 407.5 | 117 / 95 / 22 / 314 | |
| 20 | 298 | 149 | 599.5 | 303 / 293 / 10 / 324 | 52 | 420 | 353.5 | 57 / 47 / 10 / 324 | |
| 21 | 298 | 362 | 599.5 | 303 / 293 / 10 / 334 | 16 | 028 | 317.5 | 22 / 10 / 12 / 336 | |
| 22 | 193 | 864 | 494.5 | 213 / 173 / 40 / 374 | 181 | 931 | 482.5 | 201 / 161 / 40 / 376 | |
| 23 | 252 | 240 | 553.5 | 269 / 235 / 34 / 408 | 107 | 034 | 408.5 | 123 / 91 / 32 / 408 | |
| 24 | 278 | 178 | 579.5 | 1278 / ½246 / 64 / 472 | 49 | 557 | 350.5 | 181 / ½49 / 64 / 472 | |
| | | | | | | | | 472 | B.M. 50-13 |
| B.M 50-13 | 1847 | 045 | | | 5572 | 194 | | 944 | PALOS VERDES DR. S., E. OF GREENSHAW |
| | | | | | 1847 | 045 | | | SEE F.B. 2400-22 |
| | | | | | -3725 | 149 | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | 7 5 9 5 5 | | | 6 8 8 4 | | | FROM 50-13 TO 50-12 |
| B.M. 50-13 | | | | | | | B.M. 50-13 |
| 1 | 53 822 | 354 5 | 88 ½ 53 70 | 292 871 | 593 5 | 292 ½ 257 70 | PALOS VERDES DR. S., E. OF CRENSHAW |
| 2 | 43 660 | 344 5 | 67 19 48 | 163 550 | 464 5 | 188 138 50 | SEE F.B. 2400-22 |
| 3 | 217 855 | 518 5 | 230 204 118 26 | 301 830 | 602 5 | 301 ½ 288 120 26 | |
| 4 | 32 911 | 333 5 | 36 28 144 8 | 272 151 | 573 5 | 277 267 146 10 | |
| 5 | 11 319 | 312 5 | 14 8 152 6 | 256 743 | 557 5 | 259 253 156 6 | ⊼ R. SIEMANN |
| 6 | ~~251 940~~ | ~~552 5~~ | ~~273 229 158 44~~ | 14 290 | 315 5 | 29 -1 28 | |
| | 193 914 | 494 5 | 210 176 34 | | | 190 | |
| 7 | 280 577 | 581 5 | 285 275 192 10 | 36 349 | 337 5 | 42 30 12 | |
| 8 | 300 110 | 601 5 | 306 294 202 12 | 11 670 | 312 5 | 17 5 12 | |
| 9 | 294 648 | 595 5 | 298 298 214 8 | 10 870 | 311 5 | 15 5 10 | |
| 10 | 301 845 | 602 5 | 305 296 222 9 | 26 202 | 327 5 | 30 22 8 | |
| 11 | 300 013 | 601 5 | 304 ½ 296 231 8 | 6 729 | 307 5 | 11 1 10 | |
| 12 | 301 940 | 602 5 | 306 296 239 10 | 16 265 | 317 5 | 21 11 10 | |
| 13 | 287 800 | 588 5 | 292 282 249 10 | 32 780 | 333 5 | 37 27 10 | |
| 14 | 298 101 | 599 5 | 306 290 259 16 | 22 132 | 323 5 | 29 15 14 | |
| 15 | 283 781 | 584 5 | 290 276 215 14 | 17 599 | 318 5 | 24 10 14 | |
| 16 | 293 419 | 594 5 | 299 287 289 12 | 17 506 | 318 5 | 23 11 12 | |
| | | | 301 | | | 302 | |
| | 3495 715 | | CONT. | 1499 537 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY C.J. GALLI DATE 4-15-70

INDEXED DATE

WEATHER THIN CLOUDS INST. NO 96716

TIME 9:10 TO ROD NO 95896

NOTES CHKD DATE

59°

F.B. 3799 PG. 233

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3799 Pg. 234 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-15-70

INDEXED G. J. GALL DATE

WEATHER CLEARING INST. NO. 96716

TIME 9:14 70 ROD NO. 95896

NOTES CHKD DATE

610

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | 3495 715 | | 301 | 1499 537 | | 302 | FROM 50-13 TO 50-12 CONT. |
| 17 | 285 129 ~~129 4~~ | 586 5 | 297 278 14 | 13 101 | 314 5 | 20 6 14 | |
| 18 | 298 368 | 599 5 | 304 292 12 315 | 11 342 | 312 5 | 18 4 14 316 | |
| 19 | 258 690 | 559 5 | 264 252 12 327 | 75 599 | 376 5 | 81 69 12 330 | |
| 20 | 297 531 | 598 5 | ½ 297 284 26 339 | 14 888 | 315 5 | 26 2 24 342 | |
| 21 | 300 480 | 601 5 | ½ 300 289 22 365 | 10 471 | 311 5 | 21 0 21 366 | |
| 22 | 301 970 | 602 5 | ½ 301 288 26 387 | 6 210 | 307 5 | ½ 16 6 20 387 | |
| 23 | 296 840 | 597 5 | 306 286 20 413 | 85 240 | 386 5 | 99 71 28 407 | |
| 24 | 124 430 | 425 5 | 142 106 36 433 | 217 571 | 518 5 | 234 200 34 435 | |
| B.M. 50-12 | | | | | | 469 469 | B.M. 50-12 CRENSHAW BLVD 0.5 MI. N. OF P.V. DR. S. SEE F.B. 2400-18 |
| | 5659 153 | | | 1933 959 | | 938 | |
| | 1933 959 | | | | | | |
| | + 3725 194 | | | | | | |

76P526B CE # 308 8/68

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**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-16-70

INDEXED C.J. GALL DATE

NOTES CHKD DATE

WEATHER OVERCAST 59° INST. NO 26716

TIME 10:15 TO 10:40 ROD NO 95896

F.B. 3799 PG. 235

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 50-13 TO 34-15A |
| BM. 50-13 | | | | | | | | | BM. 50-13 |
| 1 | 154 | 613 | 455 5 | 183 125 58 | 101 | 185 | 402.5 | 131 71 60 | PALOS VERDES DR. S. E. OF CRENSHAW BLVD |
| | | | | | | | | | SEE F.B. 2400-22 |
| 2 | 260 | 258 | 561 5 | 292 228 64 122 | 80 | 836 | 381 5 | 111 49 62 122 | |
| 3 | 291 | 141 | 592 5 | 291 260 62 184 | 81 | 656 | 382 5 | 113 49 64 186 | π J. MALDONADO |
| 4 | 204 | 363 | 505 5 | 235 173 62 246 | 107 | 079 | 408 5 | 137 77 60 246 | |
| 5 | 203 | 282 | 584 5 | 235 171 64 310 | 108 | 148 | 409 5 | 139 77 62 308 | |
| 6 | 185 | 699 | 486 5 | 204 166 38 348 | 123 | 792 | 424 5 | 143 103 40 348 | |
| BM. 34-15A | | | | | | | | 348 | BM. 34-15A |
| | 1299 | 356 | | | 602 | 696 | | 696 | PALOS VERDES DR. S. & SCHOONER DR. S.E. COR |
| | 602 | 696 | | | | | | | SEE F.B. 2318-171 |
| + | 696 | 660 | | | | | | | |

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 3799 PG. 236 | JOB NO 0301.02

SURVEY OF L.A.C. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-16-70

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 59° INST. NO 96716

TIME 11:00 TO 11:30 ROD NO 85,96

NOTES CHKD C.J.G. DATE

| STATION | BACKSIGHT Right | Mic. | Left. | Stadia | FORESIGHT Right | Mic. | Left. | Stadia | DESCRIPTION AND REMARKS From 34-15A To 50-13 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 34-15A | | | | | | | | | B.M 34-15A |
| 1 | 91.427 | | 392.5 | 128 54 74 | 216.186 | | 517.5 | 255 177.78 | PALOS VERDES DR. S. & SCHOONER DR. |
| | | | | | | | | | SEE F.B. 2318-171 |
| 2 | 109.298 | | 410.5 | 141 77 64 138 | 192.293 | | 493.5 | 222 162.60 138 | |
| 3 | 80.828 | | 381.5 | 114 46 68 266 | 237.536 | | 538.5 | 270 204.66 204 | |
| | | | | | | | | | ⊼ J. MALDONADO |
| 4 | 23.703 | | 324.5 | 157 223 68 274 | 230.569 | | 531.5 | 263 197 66 270 | |
| 5 | 56.091 | | 257.5 | 91 21 70 344 | 181.323 | | 482.5 | 218 144 74 | |
| | | | | | | | | 344 | |
| | | | | | | | | 344 | |
| | 361.347 | | | | 1057.907 | | | 688 | |
| B.M. 50-13 | | | | | 361.347 | | | | B.M. 50-13 |
| | | | | | 696.560 | | | | PALOS VERDES DR. S. & CRENSHAW BLVD. |
| | | | | | | | | | SEE F.B. 2400-22 |

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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| STATION | BACKSIGHT | | | FORESIGHT | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| | RIGHT MIC. | LEFT. | STADIA | RIGHT MIC. | LEFT. | STADIA | FROM 34-15A TO 34-14A |
| B.M. 34-15A | | | | | | | B.M. 34-15A |
| | | | | | | | PALOS VERDES DR. S. & SCHOONER DR. S.E. COR |
| 1 | 139 197 | 440 5 | 153 125 28 | 131 723 | 432 5 | 144 118 26 | SEE F.B. 2318-171 |
| | 131 723 | ~~432 5~~ | ~~144 118 76~~ | | | 28 54 | A J. MALDONADO |
| B.M. | + 7.474 | | | | | | B.M. 34-14A (U.S.C.&G.S. T1053 1960) |
| | | | | | | | PALOS VERDES DR. S & SCHOONER DR. N.W. COR |
| | | | | | | | SEE F.B. 1355-45 |

NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-16-70 TIME 10:46 TO 10:45 ROD NO. 95 & 96

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 3779 PG. 237

F.B. 3799 Pg. 238 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-16-70

INDEXED C. J. GALL DATE

WEATHER THIN OVERCAST 60°

TIME 10:45 TO 11:50

NOTES CHKD

| STATION | BACKSIGHT Right | BACKSIGHT Mid. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right | FORESIGHT Mid. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM 34-14A TO 34-15A |
| B.M. 34-14A | | | | | | | | | B.M. 34-14A (U.S.C.&G.S. T 1033 1960) |
| | | | | | | | | | ✓ PALOS VERDES DR. S. & SCHOONER DR |
| 1 | 129 483 | 430.5 | | 142 116 26 | 136 920 | 437.5 | | 150 122 28 | SEE F.B. 1355-45 |
| | | | | | | | | 26 | |
| | | | | | 129 483 | | | 54 | |
| B.M. 34-15A | | | | | - 7 437 ✓ | | | | B.M. 34-15A |
| | | | | | | | | | PALOS VERDES DR. S. & SCHOONER DR |
| | | | | | | | | | SEE F.B. 2318-171 |