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

F. B. 4118 PG.

# 4118
# BOOK INDEX

| LINE Nº | Pg. | to | Pg. |
|---|---|---|---|
| 45 | 5 | - | 78 |
| BLANK | 79 | - | 98 |
| 19 | 99 | - | 166 |
| BLANK | 167 | - | 188 |
| 20 | 189 | - | 276 |

Microfilmed Dec '84.

| | |
|---|---|
| Notes Ck'd by | Survey of L.A.Co. Precise Level Net |
| Map No. | JN 0301-02 Tape — Std — °F |
| Office Work | Surveyed by Randall |
| Checked | Notes JGR Date Aug-71 |
| Date | Indexed E. J. GALLI SEP 16 '71 |

F.B. 4118 PG. 5

LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE Nº 45

AUG 1971

PARTY

RANDALL

ANDERSON

PETERSON, T.C.

RODRIGUEZ, R.J.

LOVE

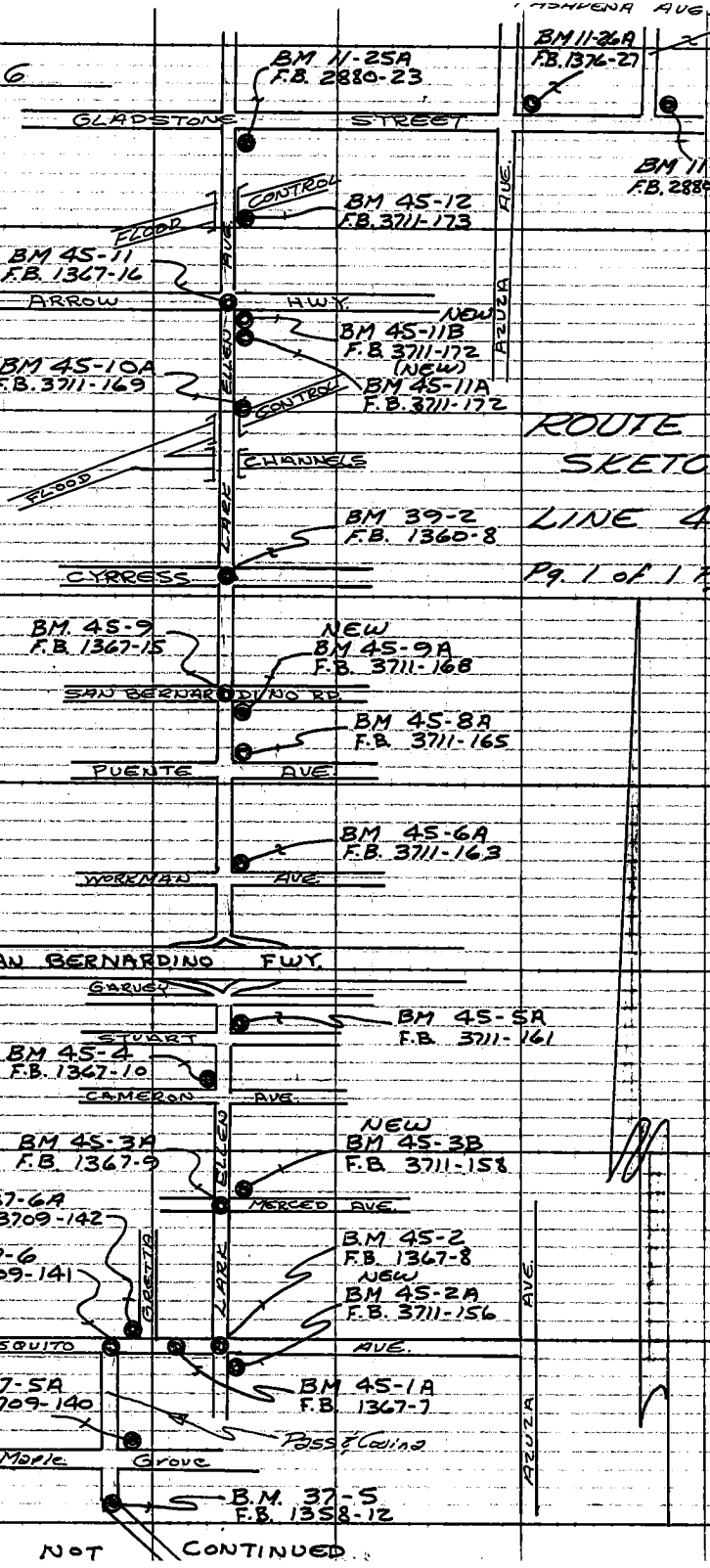
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CE#310 3-69

F. B. 4118 PG. 6




ROUTE SKETCH
LINE 45
Pg. 1 of 1 Pg.

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 # 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 RANDALL 4-Aug-71 WEATHER HAZY INST. NO. 75234
NOTES BY MORRIGER DATE 23 JULY 71 TIME 8:45 08:25 ROD NO. 1717AB
INDEXED C. J. GALLI DATE SEP 16 71 NOTES CHKD. DATE
F.B. 4118 PG. 7

T = 80°

| 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 | 538 | 452 5 | 156 146 10 | 170 | 508 560 | 471 5 | 200 140 60 | 60 M- 10 M= 50 M=0. 20 mm |
| 2 | 139 | 538 | 440 5 | 144 134 10 | 120 | 522 | 421 5 | 150 089 60 | 60 M- 10 M= 50 M=0. 20 mm |
| | 291 | 076 | | 20 | 291 | 082 | | 120 | |
| | 291 | 042 | | | - 0 | 0.40 mm | | -20 | |
| | + | 0.34 | | | ~~-0.~~ | ~~mm~~ | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 291 | 042 | | | |
| | | | | | - | | | | ⊼ Anderson |
| | | .0034 mm= "C" | | | | | | | |
| | 100 | 0 34 | | | | | | | |
| | | | | | | 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 Randall DATE 5-Aug-71 WEATHER Clear INST. NO. 75234

NOTES BY " TIME 08:50 ROD NO. 171348

INDEXED C. J. GALLI DATE SEP 16 71 NOTES CHKD DATE

F.B. 4118 PG. 9

T=88°

| 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 | 134 | 710 | 435 5 | 139 129 10 | 114 | 685 | 415 5 | 144 84 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 142 | 288 | 443 5 | 147 137 10 | 162 | 300 | 463 5 | 192 132 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 276 | 938 | | 20 | 276 | 985 | | 120 | |
| | | | | | − | 0.40 mm | | 20 | |
| | + | | | | −0. mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 276 | 945 | | | |
| | | | | | 276 | 938 | | | T Anderson |
| | | | | | − | 0.07 | | | |
| | | | | mm= "C" | | | | | |
| | | | | | | .0007 mm= "C" | | | |
| | | | | | 100 | 0.07 | | | |

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 Randall
NOTES BY " DATE 6-Aug-71
INDEXED E. J. GALLI DATE SEP 16 71
WEATHER Haze
TIME 08:20
NOTES CHKD
INST. NO. 75234
ROD NO. 1713 A.B
DATE
F.B. 4118 PG. 11
T-82

| 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 | 159 | 550 | 460 5 | 164 154 10 | 136 | 308 | 437 5 | 166 106 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 156 | 619 | 457 5 | 161 151 10 | 179 | 761 | 480 5 | 209 149 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 316 | 169 | | | 316 | 069 | | 120 | |
| | 316 | 029 | | | - | 0.40 mm | | - 20 | |
| | + | 140 | | | ~~-0.~~ | ~~mm~~ | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 316 | 029 | | | |
| | | | | | | | | | π Rodriquez |
| | | | | | - | | | | |
| | | | 0140 mm= "C" | | | | | | |
| | 100 | 1.40 | | | | | | | |
| | | | | | | | 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 RANDALL
NOTES BY PETERSON DATE 8-09-71 WEATHER HOT
INDEXED E. J. GALLI DATE SEP 16 71 TIME 13:15
NOTES CHKD DATE
INST. NO 75234
ROD NO 713A8
F.B. 4118 PG. 13

T=100

| 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 | 157 | 630 | 458 5 | 162 / 152 10 | 186 | 630 | 487 5 | 216 / 156 60 | 60 M-10 M= 50 M=0.20 mm |
| 2 | 152 | 952 | 453 5 | 152 / 147 10 | 123 | 899 | 424 5 | 153 / 93 60 | 60 M-10 M= 50 M=0.20 mm |
| | 310 | 582 | | 20 | 310 | 529 | | 120 | |
| | 310 | 489 | | | | | | 20 | |
| | + | 093 | | | -0.40 mm | | | | Curvature Corr.=0.40 mm |
| | | | | | 310 | 489 | | 100 | |
| | | | | | - | | | | |
| | | .009 | mm= "C" | | | | | | |
| | 100 | 0.93 | | | | | | | |
| | | | | | | | 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 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 | 162 | 148 | 463 5 | 167 157 10 | 191 | 028 | 492 5 | 221 161 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 150 | 012 | 451 5 | 155 145 10 | 120 | 970 | 421 5 | 150 90 60 | 60 M-10 M= 50 M=0.20 mm |
| | 312 | 160 | | 20 | 311 | 998 | | 120 | |
| | 311 | 958 | | | | | | 20 | |
| | + | 102 | | | -0.40 mm | | | | Curvature Corr.=0.40 mm |
| | | | | | 311 | 958 | | 100 | |
| | | | | | - | | | | |
| | | .010 mm= "C" | | | | | | | |
| | 100 / 1.02 | | | | | | | | |
| | | | | | | | mm= "C" | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 8-10-71
INDEXED E. J. GALLI DATE SEP 16 71
WEATHER CLEAR
TIME 08:40
NOTES CHKD
INST. NO 75230
ROD NO 1713 A
DATE
T=
F.B. 4118 PG. 15

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 Randall
NOTES BY Rodriguez DATE 11 aug 71 WEATHER Haze
INDEXED E. J. GALLI DATE SEP 16 '71 TIME 8:00 INST. NO. 75234
NOTES CHKD. ROD NO. 1713 AB
DATE
F.B. 4118 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 | 144 | 123 | 445 5 | 149 139 10 | 167 | 878 | 468 5 | 197 137 60 | 60 M-10 M=50 M=0.20 mm |
| 2 | 140 | 345 | 441 5 | 145 135 10 | 116 | 651 | 417 5 | 146 86 60 | 60 M-10 M=50 M=0.20 mm |
| | 284 | 468 | | 20 | 284 | 529 | | 120 | ⊼ ANDERSON |
| | | | | | | | | -20 | |
| | + | | | | -0.40mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 284 | 489 | | | |
| | | | | | 284 | 468 | | | |
| | | | | | - | 021 | | | |
| | | | | mm= "C" | | | | | |
| | / | | | | | | | | |
| | | | | | - | 0.002 mm= "C" | | | |
| | | | | | 100 / | 0.210 | | | |
| | | | | | | 200 | | | |

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 Randall WEATHER Hazy INST. NO 75234
NOTES BY Rodriguez DATE 12 Aug 71 TIME 8:00 ROD NO 1713AB
INDEXED C. J. GALLI DATE 8 16 71 NOTES CHKD DATE
T=76°
F.B. 4118 PG. 19

| 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 | 147 | 700 | 448 5 | 152 142 10 | 171 | 463 | 472 5 | 201 141 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 137 | 958 | 438 5 | 142 132 10 | 114 | 250 | 415 5 | 144 84 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 285 | 658 | | 20 | 285 | 713 | | 120 | ⊼ ANDERSON |
| | | | | | | | | -20 | |
| | + | | | | -0.40 mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 285 | 673 | | | |
| | | | | | 285 | 658 | | | |
| | | | | | - | 0.16 | | | |
| | + | | | mm= "C" | | | | | |
| | | | | | - 0.0016 mm= "C" | | | | |
| | | | | | 100 / 0.150 | | | | |
| | | | | | 100 | | | | |

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 J. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 13-AUG.'71 TIME 08:30 ROD NO. 1713 A.B.

INDEXED E. J. GALLI DATE SEP 16 '71 NOTES CHKD DATE

F.B. 4118 PG. 21

T:

| 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" | | | | | | | | T = RODRIGUEZ |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 150 | 682 | 451 5 | 155 145 10 | 132 | 522 | 433 5 | 162 102 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 161 | 851 | 462 5 | 166 156 10 | 180 | 152 | 481 5 | 210 150 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 312 | 533 | | 20 | 312 | 674 | | 120 | |
| | | | | | | | | -20 | |
| | + | | | | -0.40 mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 312 | 634 | | | |
| | | | | | 312 | 533 | | | |
| | | | | | - | 0101 | | | |
| | | | | mm= "C" | | | | | |
| | 1 | | | | | | | | |
| | | | | | -0.010 mm= "C" | | | | |
| | | | | | 100 | 1.010 | | | |
| | | | | | | 100 | | | |
| | | | | | | 10 | | | |

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 Randall DATE 4-Aug-71 WEATHER Haze T=80° INST. NO. 25234 F.B. 4118 Pg. 23

NOTES BY " TIME 08:40 ROD NO. 1713A,B

INDEXED C. J. GALL DATE SEP 16 71 NOTES CHKD DATE SEP 17 71

| STATION | BACKSIGHT Right Mic. | BACKSIGHT Left | BACKSIGHT Stadia | FORESIGHT Right Mic. | FORESIGHT Left | FORESIGHT Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|
| B.M. 37-5 | | | | | | | From BM. 37-5 To B.M. 37-5A |
| 1 | 104 243 | 405 5 | 117 91 26 | 171 802 | 472 5 | 181 161 20 | B.M. 37-5 |
| | | | | | | | Pass & Covina Rd. P.I. |
| 2 | 41 902 | 342 5 | 60 22 38 | 257 162 | 558 5 | 279 235 44 | F.B. 1358-12 |
| 3 | 92 605 | 393 5 | 120 64 64 56 | 150 514 | 451 5 | 177 64 123 54 | T Anderson |
| 4 | 153 918 | 454 5 | 162 120 144 18 | 142 162 | 443 5 | 153 118 131 22 | |
| | + 392 668 | | 138 | − 721 640 | | 140 | B.M. 37-5A |
| B.M. 37-5A | | | | + 392 668 | | 138 | Pass & Covina @ Maplegrove |
| | | | | − 328 972 | | 278 | F.B. 3709-140 |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM37-5A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM37-5A TO BM37-5 |
| 1 | 136 | 988 | 437 | 5 | 151 115 | 42 | 130 | 773 | 431 | 5 | 151 109 | 42 | BM37-5A |
| | | | | | | | | | | | | | Maplegrove & Pass & Covina |
| 2 | 185 | 323 | 486 | 5 | 210 160 | 50 | 11 | 142 | 312 | 5 | 1/2 36 11 | 50 | Rd |
| | | | | | | 92 | | | | | | 92 | FB 3709-140 |
| 3 | 207 | 072 | 508 | 5 | 221 193 | 28 | 74 | 280 | 375 | 5 | 88 60 | 28 | |
| | | | | | | 120 | | | | | | 120 | T Anderson |
| 4 | 133 | 168 | 434 | 5 | 139 127 | 12 | 117 | 262 | 418 | 5 | 123 111 | 12 | |
| + | 662 | 551 | | | | 132 | 333 | 457 | | | | 132 | |
| − | 333 | 457 | | | | | | | | | | 132 | |
| BM37-5 + | 329 | 094 | | | | | | | | | | 264 | BM37-5 |
| | | | | | | | | | | | | | Pass & Covina Rd |
| | | | | | | | | | | | | | P.I. |
| | | | | | | | | | | | | | FB 1358-12 |

SURVEY OF L.A. CO Precise Level Net

SURVEY BY Randall NOTES Rodriguez 11 Aug 71

INDEXED C. J. GALLI DATE

JOB NO. 0301-02

INST. NO. 375239

ROD NO. 178 HL

DATE SEP 17 '71

WEATHER Hot

TIME 10:15

NOTES CHKD LM

T=90

4118 PG. 24

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM37-5A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM37-5A TO BM37-6 |
| 1 | 112 | 525 | 413 | 5 | 125<br>99 | 26 | 150 | 292 | 451 | 5 | 163<br>137 | 26 | BM37-5A |
| | | | | | | | | | | | | | PASS & COVINA Rd @ Maple |
| 2 | 100 | 820 | 401 | 5 | 129<br>71 | 58 | 207 | 902 | 508 | 5 | 255<br>179 | 56 | GROVE |
| | | | | | | 84 | | | | | | 82 | E.B 3709-140 |
| 3 | 114 | 038 | 418 | 5 | 146<br>88 | 58 | 126 | 520 | 427 | 5 | 156<br>96 | 60 | T ANDERSON |
| | | | | | | 142 | | | | | | 142 | |
| 4 | 64 | 042 | 365 | 5 | 84<br>44 | 40 | 267 | 392 | 568 | 5 | 287<br>247 | 40 | |
| | | | | | | 182 | | | | | | 182 | |
| 5 | 37 | 307 | 338 | 5 | 58<br>16 | 42 | 292 | 885 | 593 | 5 | 1/2) 272<br>232 | 40 | |
| | | | | | | 224 | | | | | | 222 | |
| | 87 | 008 | 388 | 5 | 109<br>65 | 44 | 170 | 768 | 471 | 5 | 193<br>147 | 46 | |
| | | | | | | 268 | | | | | | 268 | |
| 7 | 151 | 972 | 452 | 5 | 182<br>120 | 62 | 124 | 312 | 425 | 5 | 155<br>93 | 62 | |
| | | | | | | 330 | | | | | | 330 | |
| 8 | 157 | 172 | 458 | 5 | 172<br>142 | 30 | 189 | 658 | 490 | 5 | 204<br>174 | 30 | |
| | + 827 | 934 | | | | 360 | 1529 | 729 | | | | 360 | |
| | | | | | | | + 827 | 934 | | | | 360 | |
| BM37-6 | | | | | | | 701 | 795 | | | | 720 | BM37-6 |
| | | | | | | | | | | | | | PASS & COVINA Rd @ FRANSWORTH |
| | | | | | | | | | | | | | Blvd |
| | | | | | | | | | | | | | E.B 3709-141 |

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

SURVEY BY Rodriguez

NOTES BY Randall

INDEXED E. J. GALLI

DATE 12 AUG 71

DATE SEP 16 '71

WEATHER Hazy

TIME 9:05

NOTES CHKD

DATE

INST. NO. 2523

ROD NO. 17246

T=84°

F.B. 4118 PG. 25

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM37-6 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM37-6 TO BM37-5A |
| 1 | 187 | 072 | 488 | 5 | 202 / 172 | 30 | 155 | 332 | 456 | 5 | 170 / 140 | 30 | BM37-6 |
| | | | | | | | | | | | | | Pass & Covina Rd @ |
| 2 | 123 | 567 | 424 | 5 | 154 / 92 | 62 | 144 | 301 | 445 | 5 | 175 / 113 | 62 | Francisquito |
| | | | | | | 92 | | | | | | 92 | F.B. 3709-141 |
| 3 | 163 | 413 | 464 | 5 | 188 / 138 | 50 | 43 | 158 | 344 | 5 | 68 / 18 | 50 | ⊼ Anderson |
| | | | | | | 142 | | | | | | 142 | |
| 4 | 272 | 440 | 573 | 5 | 291 / 253 | 38 | 46 | 775 | 347 | 5 | 65 / 27 | 38 | |
| | | | | | | 180 | | | | | | 180 | |
| 5 | 265 | 145 | 566 | 5 | 284 / 246 | 38 | 73 | 650 | 374 | 5 | 92 / 54 | 38 | |
| | | | | | | 218 | | | | | | 218 | |
| 6 | 122 | 393 | 423 | 5 | 151 / 93 | 58 | 120 | 568 | 421 | 5 | 150 / 90 | 60 | |
| | | | | | | 276 | | | | | | 278 | |
| 7 | 175 | 562 | 476 | 5 | 192 / 158 | 34 | 82 | 160 | 383 | 5 | 99 / 65 | 34 | |
| | | | | | | 310 | | | | | | 312 | |
| 8 | 143 | 213 | 444 | 5 | 164 / 122 | 42 | 98 | 768 | 399 | 5 | 118 / 78 | 40 | |
| | | | | | | 352 | | | | | | 352 | |
| 9 | 149 | 292 | 450 | 5 | 157 / 141 | 16 | 135 | 709 | 436 | 5 | 143 / 127 | 16 | |
| | + 1602 | 097 ✓ | | | | 368 | 900 | 421 | | | | 368 ✓ | |
| | - 900 | 421 ✓ | | | | | | | | | | 368 | |
| BM37-5A | + 701 | 676 ✓ | | | | | | | | | | 736 ✓ | Pass & Covina Rd @ |
| | | | | | | | | | | | | | Maple Grove |
| | | | | | | | | | | | | | F.B. 3709-140 |

T=86°

F.B. 4118 PG. 2C JOB NO. 0301.02

SURVEY OF L.A. CO Precise Level Net

SURVEY BY Randall NOTES Rodriguez 12 AUG 71

INDEXED C. J. GALLI DATE

WEATHER Hot-Hazy INST. NO. 75234

TIME 10:00 ROD NO. 17B AE

NOTES CHKD JM DATE SEP 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.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M.37-6 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M.37-6 TO B.M.37-6A |
| | | | | | | | | | | | | | B.M.37-6 |
| | | | | | | | | | | | | | Pass & Covina @ Francisquito ℄ |
| 1 | 208 | 608 | 509 | 5 | ~~224~~ 192 | 32 | ~~108~~ ~~209~~ | ~~740~~ ~~712~~ | ~~5~~409 | 5 | ~~124~~ 92 | 32 | F.B. 3709-141 |
| | | | | | | | | | | | | | ⊼ Anderson |
| 2 | 172 | 550 | 473 | 5 | ~~176~~ 168 | 8 | 155 | 218 | 456 | 5 | ~~159~~ 151 | 8 | |
| + | 381 | 158 ✓ | | | | 40 ✓ | 263 | 958 | | | | 40 ✓ | B.M.37-6A |
| B.M.37-6A | 263 | 958 ✓ | | | | | | | | | | 40 | Francisquito @ Gretta N.W. Cor. |
| + | 117 | 200 ✓ | | | | | | | | | | 80 ✓ | F.B. 3709-142 |

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

SURVEY BY Randall

NOTES BY " DATE 4-Aug-71

INDEXED E. J. GALLI DATE SEP 16 '71

WEATHER Haze

TIME 09:35

NOTES CHKD [illegible]

INST. NO. 75234

ROD NO. 1713A.B

DATE SEP 17 '71

T=920

F.B. 4118 PG. 27

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 37-6A | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 37-6A TO BM 37-6 |
| 1 | 116 | 422 | 417 5 | 128 104 24 | 178 | 642 | 479 5 | 190 166 24 | BM 37-6A |
| | | | | | | | | | FRANCISQUITO @ GRETTA |
| 2 | 120 | 542 | 421 5 | 127 113 14 | 175 | 588 | 476 5 | 182 168 14 | F.B 3709-142 |
| | + 236 | 964 | | 38 | - 354 | 230 | | 38 | |
| | | | | | + 236 | 964 | | 38 | π ANDERSON |
| | | | | | - 117 | 266 | | 76 | BM 37-6 E. |
| | | | | | | | | | FRANCISQUITO AV @ PASS & |
| | | | | | | | | | COVINA RD |
| | | | | | | | | | F.B 3709-141 |

F.B. 4118 PG. 28 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY Randall NOTES RODRIGUEZ 11 AUG 71

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 8:50 ROD NO. 1713 AA

NOTES CHKD [illegible] DATE [illegible]

T = 84°

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 37-6A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 37-6A TO B.M. 45-1A |
| 1 | 201 | 781 | 502 | 5 | 228 174 | 54 | 73 | 247 198 | 374 | 5 | 100 46 | 54 | B.M. 37-6A |
| | | | | | | | | | | | | | Francisquito @ Gretta |
| 2 | 122 | 812 | 423 | 5 | 128 116 | 12 | 182 | 195 | 483 | 5 | 188 176 | 12 | F.B. 3709-142 |
| + | 324 | 593 | | | | 66 | 255 | 442 | | | | 66 | |
| - | 255 | 442 | | | | | | | | | | 66 | ⊼ Anderson |
| + | 69 | 151 | | | | | | | | | | 132 | BM 45-1A ℄ |
| + | 69 | 151 | | | | | | | | | | | Francisquito Ave @ House 16644 |
| | | | | | | | | | | | | | F.B. 1367-7 |

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

SURVEY BY Randal WEATHER Haze INST. NO 75234

NOTES BY " DATE 4-Aug-71 TIME 0950 ROD NO 1713AB

INDEXED E. J. GALLI DATE SEP 16 '71 NOTES CHKD LM DATE SEP 17 '71

7=92°

F.B. 4118 PG. 29

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM45-1A | | | | | | | | | FROM BM45-1A TO BM37-6A |
| 1 | 113 | 544 | 414 5 | 133 93 40 | 182 | 662 | 483 5 | 202 162 40 | BM45-1A ℄ |
| | | | | | | | | 40 | FRANCISQUITO AV @ |
| 2 | | | $ | | | | $ | 80 | HSE # 16644 |
| | 113 | 544 | | | 182 | 662 | | | F.B 1367-7 |
| 3 | | | | | 113 | 544 | | | ^ ANDERSON |
| | | | | | -69 | 118 | | | |
| BM37-6A | | | | | | | | | BM37-6A |
| | | | | | | | | | FRANCISQUITO @ Yretta |
| | | | | | | | | | FB 3709-142 |

F.B. 4118 PG. 30 JOB NO. 030102

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY Randall NOTES RODRIGUEZ 11AUG71

INDEXED E. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 8:35 ROD NO. 1713AB

NOTES CHKD [illegible] DATE

T= 84°

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 45-1A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-1A TO B.M. 45-2 |
| 1 | 234 | 150 | 535 | 5 | 250 218 | 32 | 123 | 272 | 424 | 5 | 139 107 | 32 | B.M. 45-1A |
| | | | | | | | | | | | | | Francisquito Ave. & c House |
| 2 | 239 | 002 | 540 | 5 | 272 206 | 66 | 74 | 052 | 375 | 5 | 107 41 | 66 | F.B. 1367-7 |
| | | | | | | 98 | | | | | | 98 | |
| 3 | 223 | 472 | 524 | 5 | 249 197 | 52 | 86 | 282 | 387 | 5 | 112 60 | 52 | ⊼ ~~Anderson~~ |
| | | | | | | 150 | | | | | | 150 | Rodriguez |
| 4 | 237 | 662 | 538 | 5 | 264 210 | 54 | 97 | 709 | 398 | 5 | 124 70 | 54 | B.M. 45-2 |
| | +934 | 286 | | | | 204 | 381 | 315 | | | | 204 | Francisquito @ Lark Ellen & Int. |
| B.M. 45-2 | +381 | 315 | | | | | | | | | | 204 | F.B. 1367-8 |
| | +552 | 971 | | | | | | | | | | 408 | |

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

SURVEY BY Randall

NOTES BY " DATE 4-Aug-71 WEATHER Haze

INDEXED E. J. GALLI DATE SEP 16 '71 TIME 10:00 NOTES CHKD LM DATE SEP 17 '71

T=920

F.B. 4118 PG. 31

INST. NO. 75234

ROD NO. 1713A-B

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 45-2 | | | | | | | | | FROM BM 45-2 TO BM 45-1A |
| 1 | 200 912 | 501 | 5 | 240 / 190 20 | 218 359 | 519 | 5 | 226 / 210 16 | BM 45-2 |
| 2 | 83 022 | 384 | 5 | 106 / 60 46 | 223 452 | 524 | 5 | 247 / 199 48 | FRANCISQUITO & LARK ELLEN INT FB. 1367-8 |
| | | | | 66 | | | | 64 | |
| 3 | 172 362 | 413 | 5 | 133 / 91 42 | 215 642 | 516 | 5 | 240 / 190 50 | TI RODRIGUEZ |
| | | | | 108 | | | | 114 | |
| 4 | 92 328 | 393 | 5 | 117 / 67 50 | 232 320 | 533 | 5 | 254 / 210 44 | |
| | | | | 158 | | | | 158 | |
| 5 | 105 691 | 406 | 5 | 128 / 82 46 | 183 071 | 484 | 5 | 205 / 161 44 | |
| | | | | 204 | | | | 202 | |
| 6 | 136 058 | 437 | 5 | 143 / 129 14 | 210 722 | 511 | 5 | 229 / 211 18 | 219 / 201 |
| | + 730 373 | | | 218 | - 1283566 | | | 220 | |
| | | | | | + 730 373 | | | 218 | |
| BM 45-1A | | | | | - 553193 | | | 438 | BM 45-1A FRANCISQUITO AT HOUSE # 16642 FB 1367-7 |

F.B. 4118 PG. 32 | JOB NO. 030102 | 7=100

SURVEY OF L.A. Co. PRECISE LEVEL NET | NOTES | DATE

SURVEY BY RONDALL PETERSON 8-10-71

INDEXED C. J. GALLI

WEATHER HAZY & HOT | INST. NO. 75234

TIME 14:45 | ROD NO. 1713A

NOTES CHKD. | DATE SEP 17 71

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 RANDALL

NOTES BY PETERSON DATE 8-12-71 WEATHER WARM INST. NO 75234

INDEXED E. J. GALLI DATE SEP 16 71 TIME 11:20 ROD NO 1713

NOTES CHKD LMU DATE SEP 17 71

F.B. 4118 PG. 33

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM45-1A | | | | | | | | | FROM BM 45-1A TO BM 45-2 |
| 1 | 249 | 302 | 550 5 | 274 224 50 | 100 | 102 | 401 5 | 125 75 50 | BM45-1A |
| | | | | | | | | | FRANCISQUITO @ HOUSE 10644 |
| 2 | 241 | 920 | 542 5 | 271 211 60 | 88 | 672 | 389 5 | 117 59 58 | F.B. 1367-7 |
| | | | | 110 | | | | 108 | |
| 3 | 211 | 368 | 512 5 | 234 188 46 | 89 | 399 | 390 5 | 112 66 46 | ⊼ RODRIGUEZ |
| | | | | 156 | | | | 154 | RERUN |
| 4 | 243 | 651 | 544 5 | 268 218 50 | 114 | 959 | 415 5 | 140 88 52 | |
| + | 946 | 241 ✓ | | 206 ✓ | 393 | 132 ✓ | | 206 ✓ | |
| - | 393 | 132 | | | | | | 206 | |
| + | 553 | 109 ✓ | | | | | | 412 ✓ | |
| | | | | | | | | | BM 45-2 |
| BM45-2 | | | | | | | | | FRANCISQUITO & LARK ELLEN |
| | | | | | | | | | F.B. 1367-8 |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM45-2 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 45-2 TO BM45-1A |
| 1 | 144 | 099 | 445 | 5 | 163 125 | 38 | 242 | 360 | 543 | 5 | 263 221 | 42 | BM45-2 |
| | | | | | | | | | | | | | LANR ALLEN & FRANCISQUITO |
| 2 | 81 | 479 | 382 | 5 | 108 54 | 54 | 227 | 892 | 528 | 5 | 253 201 | 52 | F.B. 1367-8 |
| | | | | | | 92 | | | | | | 94 | |
| 3 | 79 | 679 | 380 | 5 | 160 48 | 62 | 239 | 601 | 540 | 5 | 278 208 | 62 | ⊼ RODRIGUEZ |
| | | | | | | 154 | | | | | | 156 | RERUN |
| 4 | 106 | 938 | 407 | 5 | 130 82 | 48 | 255 | 540 | 556 | 5 | 279 231 | 48 | 279 231 |
| | + 412 | 195 | | | | 202 | 965 | 393 | | | | 204 | |
| | | | | | | | + 412 | 195 | | | | 202 | |
| | | | | | | | 553 | 198 | | | | 406 | |
| BM45-1A | | | | | | | | | | | | | BM 45-1A |
| | | | | | | | | | | | | | FRANCISQUITO @ HOUSE #16644 |
| | | | | | | | | | | | | | F.B. 1367-7 |

F.B. 4118 PG. 34 JOB NO. 0301.02 T2

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-12-71

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 75237

TIME 10:50 ROD NO. 7713A

NOTES CHKD. FM DATE SEP 17 '71

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M.45-2 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M.45-2 TO B.M.45-2A |
| | | | | | | | | | | | | | B.M. 45-2 |
| | | | | | | | | | | | | | Franciscquito & Lark Ellen ℄ Int. |
| | | | | | | | | | | | | | F.B. 1367-8 |
| | | | | | 242 | | | | | | 197 | | |
| 1 | 234 | 602 | 535 | 5 | 226 | 16 | 191 | 970 | 492 | 5 | 185 | 12 | T Rodriguez |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | B.M. 45-2A |
| B.M.45-2A + | 234 | 602 ✓ | | | | | 191 | 970 ✓ | | | | 12 | Francisquito & Lark Ellen S.E. Cor. |
| | − 191 | 970 | | | | | | | | | | 16 | F.B. 3711-156 |
| | 42 | 632 ✓ | | | | | | | | | | 28 ✓ | |

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

SURVEY BY Randall WEATHER Haze INST. NO. 25234

NOTES BY " TIME 10:25 ROD NO. 17138.B

INDEXED J. GALLI DATE SEP 16 71 NOTES CHKD FM DATE SEP 17 71

7c 960

F.B. 4118 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 | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM 45-2A | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 45-2A TO BM 45-2 |
| | | | | | | | | | BM 45-2A |
| 1 | 157 | 382 | 458 5 | 168 146 22 | 200 | 010 | 501 5 | 210 190 20 | FRANCISQUITO & CARR ELLEN |
| | | | | | | | | 22 | FB 3711-156 S.E. COR |
| | | | | | | | | 42 | |
| | + 157 | 382 | | | - 200 | 010 | | | |
| BM 45-2 | | | | | + 157 | 382 | | | π RODRIGUEZ |
| | | | | | - 42 | 628 | | | |
| | | | | | | | | | BM 45-2 |
| | | | | | | | | | FRANCISQUITO & CARR ELLEN ℄ INT |
| | | | | | | | | | FB. 1367-8 |

F.B. 4118 PG. 36 JOB NO. 0301102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-10-71

INDEXED J. GALLI DATE

7=100

WEATHER HAZY & HOT INST. NO. 75234

TIME 14:40 ROD NO. 17131

NOTES CHKD [illegible] DATE SEP 17 '71

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 Randall DATE 4-Aug-71 WEATHER Haze INST. NO. 75234

NOTES BY " TIME 10:30 ROD NO. 1713A-B

INDEXED J. GALLI DATE SEP 16 '71 NOTES CHKD [illegible] DATE SEP 17 '71

F.B. 4118 PG. 37

T=96° 90°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 45-2A | | | | | | | | | FROM B.M. 45-2A TO B.M. 45-3A |
| 1 | 186 | 681 | 487 5 | 193 / 179 14 | 184 | 620 | 485 5 | 191 / 177 14 | B.M. 45-2A |
| | | | | | | | | | Francisquito @ Lark Ellen S.E. Cor. |
| 2 | 169 | 982 | 470 5 | 201 / 137 64 | 136 | 448 | 437 5 | 168 / 104 64 | F.B. ~~3709~~ 3711-156 |
| | | | | 78 | | | | 78 | |
| 3 | 85 | 430 | 386 5 | 113 / 57 56 | 248 | 530 | 549 5 | 277 / 219 58 | ⊼ Rodriquez |
| | | | | 134 | | | | 136 | |
| 4 | 85 | 238 | 386 5 | 106 / 64 42 | 238 | 271 | 539 5 | 260 / 216 44 | |
| | | | | 176 | | | | 180 | |
| 5 | 75 | 652 | 376 5 | 94 / 56 38 | 233 | 128 | 534 5 | 254 / 212 42 | |
| | | | | 214 | | | | 222 | |
| 6 | 189 | 492 | 490 5 | 200 / 178 22 | 234 | 280 | 535 5 | 242 / 226 16 | B.M. 45-3A |
| | + 792 | 475 | | 236 | - 1275 | 277 | | 238 | Lark Ellen @ Merced ℄ Int. |
| B.M. 45-3A | | | | | + 792 | 475 | | 236 | F.B. 1367-9 |
| | | | | | - 482 | 802 | | 474 | |

206

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM45-3A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 45-3A TO BM 45-2A |
| 1 | 249 | 215 | 550 | 5 | 269 229 | 40 | 83 | 952 | 384 | 5 | 103 63 | 40 | BM45-3A |
| | | | | | | | | | | | | | LARK ELLEN & MERCED & INT |
| 2 | 276 | 760 | 577 | 5 | 302 250 | 52 | 56 | 392 | 357 | 5 | 85 30 | 52 | F.B. 1367-9 |
| | | | | | | 92 | | | | | | 92 | |
| 3 | 209 | 009 | 510 | 5 | 236 182 | 54 | 59 | 701 | 360 | 5 | 87 31 | 56 | π RODRIGUEZ |
| | | | | | | 146 | | | | | | 148 | |
| 4 | 105 | 580 | 406 | 5 | 126 84 | 42 | 187 | 521 | 488 | 5 | 209 165 | 44 | |
| | | | | | | 188 | | | | | | 192 | |
| 5 | 162 | 509 | 463 | 5 | 175 149 | 26 | 106 ~~97~~ | 711 ~~301~~ | 407 ~~398~~ | 5 ~~5~~ | 118 94 | 24 | |
| | | | | | | 214 | | | | | | 216 | |
| 6 | 131 | 410 | 432 | 5 | 142 120 | 22 | 157 | 370 | 458 | 5 | 168 147 | 20 | 167 147 |
| | + 1134 | 483 | | | | 236 | 651 | 647 | | | | 236 | |
| | - 651 | 647 | | | | | | | | | | 236 | |
| BM45-2A | + 482 | 836 | | | | | | | | | | 472 | |

BM 45-2A
FRANCIS GOITO & LARK ELLEN
F.B. 3711-156

4118 38 JOB NO. 0301.02 I-98

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-10-71

INDEXED J. GALLI DATE

WEATHER HAZY & HOT INST. NO. 7523

TIME 14:00 ROD NO. 1713A

NOTES CHKD DM DATE 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.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 45-3A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-3A TO B.M. 45-3B |
| | | | | | | | | | | | | | B.M. 45-3A |
| | | | | | | | | | | | | | Lark Ellen @ Merced ℄ Int. |
| | | | | | | | | | | | | | F.B. ~~3711-158~~ ⊼ Rodriguez |
| 1 | 231 | 952 | 532 | 5 | ~~240~~ 222 | 18 | 184 | 990 | 485 | 5 | ~~194~~ 174 | 20 | 1367-9 |
| | | | | | | | | | | | | | B.M. 45-3B |
| + | 231 | 952 | | | | | 184 | 990 | | | | 20 | Lark Ellen @ Merced N.E. Cor. |
| B.M. ~~37~~ 45-3B - | 184 | 990 | | | | | | | | | | 18 | F.B. 3711-158 |
| + | 46 | 962 | | | | | | | | | | 38 | |

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

SURVEY BY Randall WEATHER Haze INST. NO 75234

NOTES BY " DATE 4-Aug-71 TIME 11:00 ROD NO 1713AB

INDEXED C. J GALLI DATE SEP 16 71 NOTES CHKD LM DATE SEP 17 71

T= 90°

F.B. 4118 PG. 39

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 BM 45-3B TO BM 45-3A |
| | | | | | | | | | BM 45-3B |
| 1 | 183 | 862 | 484 5 | 194 / 172 22 | 230 | 831 | 531 5 | 241 / 219 22 | LARK ELLEN & MERCED N.E. COR |
| | | | | | | | | 22 | F.B. 3711-158 |
| | | | | | | | | 44 | |
| | + 183 | 862 | | | − 230 | 831 | | | π RODRIGUEZ |
| | | | | | + 183 | 862 | | | |
| | | | | | − 46 | 969 | | | |
| BM 45-3A | | | | | | | | | BM 45-3A |
| | | | | | | | | | LARK ELLEN & MERCED ℄ INT |
| | | | | | | | | | F.B. 1367-9 |

F.B. 4118 PG. 40 JOB NO. 0301.02 F=98

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-10-71

INDEXED C. J. GALLI DATE

WEATHER NOT & HAZY INST. NO. 75234

TIME 13:55 ROD NO. 17B

NOTES CHKD [illegible] DATE [illegible]

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 45-3B | | | | | | | | | | | | | FROM B.M. 45-3B TO B.M. 45-4 |
| 1 | 141 | 130 | 442 | 5 | 126 | 30 | 150 | 991 | 450 | 5 | 134 | 30 | B.M. 45-3B |
| | | | | | | | | | | | | | Lark Ellen @ Merced N.E. Cor |
| 2 | 140 | 302 | 441 | 5 | 103 | 74 | 171 | 121 | 472 | 5 | 135 | 72 | F.B. 3711-158 |
| | | | | | | 104 | | | | | | 102 | 1 Rodriguez |
| 3 | 146 | 580 | 447 | 5 | 120 | 52 | 165 | 610 | 466 | 5 | 139 | 52 | |
| | | | | | | 156 | | | | | | 154 | |
| 4 | 143 | 001 | 444 | 5 | 114 | 58 | 147 | 600 | 448 | 5 | 116 | 62 | |
| | | | | | | 214 | | | | | | 216 | |
| 5 | 165 | 198 | 466 | 5 | 135 | 60 | 144 | 938 | 445 | 5 | 114 | 60 | |
| | | | | | | 274 | | | | | | 276 | |
| 6 | 168 | 530 | 469 | 5 | 139 | 58 | 174 | 070 | 475 | 5 | 146 | 56 | |
| | | | | | | 332 | | | | | | 332 | |
| 7 | 200 | 352 | 501 | 5 | 177 | 46 | 148 | 409 | 449 | 5 | 124 | 48 | |
| | | | | | | 378 | | | | | | 380 | |
| 8 | 150 | 090 | 451 | 5 | 133 | 34 | 149 | 362 | 450 | 5 | 131 | 36 | |
| | +1255 | 183 ✓ | | | | 412 | 1251 | 101 ✓ | | | | 416 | B.M. 45-4 |
| B.M. 45-4 | -1251 | 101 | | | | | | | | | | 412 | Lark Ellen @ Cameron N.W. Cor. |
| | + 4 | 082 ✓ | | | | | | | | | | 828 | ✓ F.B. 1367-10 |

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

SURVEY BY Randall DATE 4-Aug-71 WEATHER Haze INST. NO. 75234

NOTES BY " TIME 11:10 ROD NO. 171346

INDEXED E. J. GALLI DATE SEP 16 71 NOTES CHKD KM DATE SEP 17 71

T = 92°

F.B. 4118 PG. 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 | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM45-4 | | | | | | | | | FROM BM45-4 TO BM45-3B |
| 1 | 149 | 672 | 450 5 | 174 124 50 | 171 | 259 | 472 5 | 196 146 50 | BM45-4 |
| | | | | | | | | | LARK ELLEN & CAMERON N.W.COR |
| 2 | 142 | 509 | 443 5 | 168 116 52 | 168 | 422 | 469 5 | 195 141 54 | F.B. 1367-10 |
| | | | | 102 | | | | 104 | |
| 3 | 144 | 410 | 445 5 | 172 116 56 | 164 | 712 | 465 5 | 193 135 58 | |
| | | | | 158 | | | | 162 | ⊼ RODRIGUEZ |
| 4 | 146 | 232 | 447 5 | 172 115 62 | 178 | 881 | 479 5 | 209 147 62 | |
| | | | | 220 | | | | 224 | |
| 5 | 174 | 629 | 475 5 | 174 148 52 | 152 | 109 | 453 5 | 177 127 50 | |
| | | | | 272 | | | | 274 | |
| 6 | 184 | 598 | 485 5 | 208 160 48 | 143 | 051 | 444 5 | 165 121 44 | |
| | | | | 320 | | | | 318 | |
| 7 | 155 | 349 | 456 5 | 180 130 50 | 143 | 632 | 444 5 | ~~[illegible]~~ 50 | 168 118 |
| | | | | 370 | | | | 368 | |
| 8 | 148 | 422 | 449 5 | 168 128 40 | 128 | 131 | 429 5 | 149 102 42 | |
| | +1245 | 821 | | 410 | -1250 | 197 | | 410 | |
| BM45-3B | | | | | +1245 | 821 | | 410 | |
| | | | | | - | 04 376 | | 820 | BM45-3B |
| | | | | | | | | | LARK ELLEN & MERCED N.E.COR |
| | | | | | | | | | F.B. 3711-158 |

F.B. 4118 PG. 42 JOB NO. 0301.02 T=98

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-10-71

INDEXED E. J. GALLI DATE

WEATHER HOT & HAZY INST. NO. 7523

TIME 13:15 ROD NO. 7[illegible]3A

NOTES CHKD. DM DATE SEP 17 [illegible]

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

F.B. 4118 PG. 43

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY Rondall DATE _____ TIME _____ ROD NO. _____

INDEXED E. J. GALLI DATE SEP 16 71 NOTES CHKD LM DATE SEP 17 71

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM 3B TO 4 |
| | | | | | | | | | See Next Pg. for Rerun |

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

Do not extend notes this side of this line.

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

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM45-4 | | | | | | | | | FROM BM45-4 TO BM 45-3B |
| 1 | 148 | 681 | 449 5 | 167 / 129 38 | 161 | 572 | 462 5 | 178 / 144 34 | BM 45-4 |
| | | | | | | | | | LARK ELLEN & CAMERON N.W.COR. |
| 2 | 135 | 209 | 436 5 | 163 / 102 56 | 183 | 910 | 484 5 | 214 / 152 62 | F.B. 1369-10 |
| | | | | 94 | | | | 96 | |
| 3 | 160 | 201 | 461 5 | 195 / 125 70 | 168 | 512 | 469 5 | 168 / 132 72 | |
| | | | | 164 | | | | 168 | ⊼ RODRIGUEZ |
| 4 | 149 | 961 | 450 5 | 173 / 125 48 | 199 | 460 | 500 5 | 222 / 176 46 | RERUN |
| | | | | 212 | | | | 214 | |
| 5 | 209 | 400 | 510 5 | 239 / 179 60 | 167 | 140 | 468 5 | 197 / 137 60 | |
| | | | | 272 | | | | 274 | |
| 6 | 185 | 210 | 486 5 | 215 / 155 60 | 185 | 880 | 486 5 | 212 / 158 54 | |
| | | | | 332 | | | | 328 | |
| 7 | 206 | 181 | 507 5 | 231 / 181 50 | 170 ~~177~~ | 228 ~~029~~ | 471 5 ~~473 5~~ | 196 / 144 52 | |
| | | | | 382 | | | | 380 | |
| 8 | 181 | 210 | 482 5 | 202 / 160 42 | 143 | 420 | 444 5 | 164 / 122 42 | |
| | + 1376 | 053 | | 424 | - 1380 | 122 | | 422 | |
| | | | | | + 1376 | 053 | | 424 | |
| | | | | | - 4 | 069 | | 846 | |
| BM45-3B | | | | | | | | | BM45-3B |
| | | | | | | | | | LARK ELLEN & MERCED N.ELY COR |
| | | | | | | | | | F.B. 3711-158 |

F.B. 4118 PG. 44 JOB NO. 0301.02 T=96°

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-12-71

INDEXED J. GALLI DATE

WEATHER HOT INST. NO. 75234

TIME 13:40 ROD NO. 1738

NOTES CHKD. DATE SEP 17 '71

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 45-4 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-4 TO B.M. 45-5A |
| 1 | 168 | 837 | 469 | 5 | 194 / 142 | 52 | 125 | 658 | 426 | 5 | 151 / 99 | 52 | B.M. 45-4 |
| | | | | | | | | | | | | | Lark Ellen @ Cameron N.W. Cor. |
| 2 | 153 | 872 | 454 | 5 | 182 / 124 | 58 | 117 | 962 | 418 | 5 | 147 / 87 | 60 | F.B. 1367-10 |
| | | | | | | 110 | | | | | | 112 | |
| 3 | 155 | 853 | 456 | 5 | 185 / 125 | 60 | 141 | 691 | 442 | 5 | 167 / 115 | 52 | ⊼ Anderson |
| | | | | | | 170 | | | | | | 164 | |
| 4 | 180 | 052 | 481 | 5 | 209 / 151 | 58 | 130 | 264 | 431 | 5 | 161 / 99 | 62 | |
| | | | | | | 228 | | | | | | 226 | |
| 5 | 159 | 280 | 460 | 5 | 188 / 130 | 58 | 176 | 673 | 477 | 5 | 205 / 147 | 58 | |
| | | | | | | 286 | | | | | | 284 | |
| 6 | 129 | 228 | 430 | 5 | 165 / 93 | 72 | 93 | 984 | 394 | 5 | 129 / 57 | 72 | |
| | | | | | | 358 | | | | | | 356 | |
| 7 | 161 | 383 | 462 | 5 | 188 / 134 | 54 | 114 | 652 | 415 | 5 | 140 / 88 | 52 | |
| | | | | | | 412 | | | | | | 408 | |
| 8 | ~~131~~ | ~~373~~ | ~~432~~ | 5 | 138 / 124 | 14 | 151 | 887 | 452 | 5 | 158 / 144 | 14 | |
| + | 1239 | 878 | | | | 426 | 1052 | 771 | | | | 422 | B.M. 45-5A |
| B.M. 45-5A + | 1052 | 771 | | | | | | | | | | 426 | Lark Ellen @ Stuart N.E. Cor. |
| + | 187 | 107 | | | | | | | | | | 848 | F.B. 3711-161 |

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

SURVEY BY Randall DATE 4-Aug-71 WEATHER Hot T=98° INST. NO. 75234

NOTES BY " TIME 13:15 ROD NO. 1713AB

INDEXED E. J. GALLI DATE SEP 16 '71 NOTES CHKD LM DATE SEP 17 '71

F.B. 4118 PG. 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.

INST. NO. 76239
ROD NO. 1713A
DATE 1-7-8

WEATHER Clear
TIME 11:10
NOTES CHKD. LM

T=94°

JOB NO. 030102
SURVEY OF LA Co. Precise Level Net
SURVEY BY Rendall
NOTES Rodriguez 10/14/71
INDEXED E. J. GALLI
DATE

4118 P. 46

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM45-5A | | | | | | | | | | | | | FROM BM45-5A TO BM45-4 |
| 1 | 146 | 210 | 447 | 5 | 172<br>120 | 52 | 155 | 474 | 456 | 5 | 181<br>129 | 52 | BM45-5A<br>LARKEllON @ STUART |
| 2 | 120 | 923 | 421 | 5 | 149<br>91 | 58 | 160 | 730 | 461 | 5 | 189<br>131 | 58 | F.B. 3711-161 |
| | | | | | | 110 | | | | | 190 | 110 | T ANDERSON |
| 3 | 157 | 779 | 458 | 5 | 186<br>128 | 58 | 161 | 382 | 462 | 5 | 180<br>132 | 58 | |
| | | | | | | 168 | | | | | | 168 | |
| 4 | 135 | 463 | 436 | 5 | 166<br>104 | 62 | 174 | 763 | 475 | 5 | 205<br>143 | 62 | |
| | | | | | | 230 | | | | | | 230 | |
| 5 | 118 | 960 | 419 | 5 | 146<br>90 | 56 | 133 | 152 | 434 | 5 | 162<br>104 | 58 | |
| | | | | | | 286 | | | | | | 288 | |
| 6 | 129 | 108 | 430 | 5 | 159<br>99 | 60 | 159 | 818 | 460 | 5 | 189<br>129 | 60 | |
| | | | | | | 346 | | | | | | 348 | |
| 7 | 126 | 102 | 427 | 5 | 148<br>104 | 44 | 156 | 422 | 458 | 5 | 177<br>135 | 42 | |
| | | | | | | 390 | | | | | | 390 | |
| 8 | 131 | 446 | 432 | 5 | 139<br>123 | 16 | 151 | 295 | 452 | 5 | 159<br>143 | 16 | |
| | + 1065 | 991 | | | | 406 | 1253 | 036 | | | | 406 | |
| | | | | | | | 1065 | 991 | | | | 406 | |
| BM45-4 | | | | | | | 187 | 045 | | | | 812 | BM 45-4<br>LARKAllEN @ CAMERON<br>N.W. COR<br>F.B. 1367-10 |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 45-5A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-5A TO T.B.M. No 1 |
| 1 | 160 | 920 | 461 | 5 | 173 147 | 26 | 125 | 063 | 426 | 5 | 141 109 | 32 | B.M. 45-5A |
| | | | | | | | | | | | | | Lark Ellen @ Stuart N.E. Cor. |
| 2 | 162 | 740 | 463 | 5 | 192 132 | 60 | 121 | 190 | 422 | 5 | 149 93 | 56 | F.B. 3711-161 |
| | | | | | | 86 | | | | | | 88 | |
| 3 | 159 | 700 | 460 | 5 | 187 131 | 56 | 96 | 102 | 397 | 5 | 125 67 | 58 | ⊼ Anderson |
| | | | | | 192 | 142 | | | | | | 146 | |
| 4 | 171 | 113 | C | 5 | 150 | 42 | 32 | 772 | 333 | 5 | 53 11 | 42 | |
| + | 654 | 473 | | | | 184 | 375 | 127 | | | | 188 | T.B.M. No 1 Fwy. on Ramp |
| T.B.M. No 1 - | 375 | 127 | | | | | | | | | | 184 | Lark Ellen @ Garvey ~~S.E. Hy Cor.~~ |
| + | 279 | 346 | | | | | | | | | | 372 | No Ref. |

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

SURVEY BY Rendon DATE 4-Aug-71 WEATHER INST. NO. 75234

NOTES BY " DATE SEP 16 '71 TIME ROD NO. 1713A.B

INDEXED C. J. GALLI DATE NOTES CHKD LM DATE SEP 17 '71

F.B. 4118 PG. 47

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 |
|---|---|---|---|---|---|---|---|---|---|
| T.B.M #1 | RIGHT | MIC. | LEFT | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM T.B.M #1 TO BM45-5A |
| 1 | 49 | 797 | 350 5 | 66 32 34 | 201 | 450 | 502 5 | 218 184 34 | T.B.M #1 |
| | | | | | | | | | LarkEllen @ Garvey |
| 2 | 117 | 083 | 418 5 | 143 91 52 | 184 | 484 | 485 5 | 210 158 52 | Freeway off Ramp. |
| | | | | 86 | | | | 86 | No Ref. |
| 3 | 160 | 650 | 461 5 | 189 131 58 | 160 | 588 | 461 5 | 189 131 58 | ⊼ Anderson |
| | | | | 144 | | | | 144 | |
| 4 | 107 | 672 | 408 5 | 133 81 52 | 168 | 070 | 469 5 | 194 142 52 | |
| | | | | 196 | | | | 196 | |
| | | | | | | | | 196 | |
| BM45-5A + | 435 | 202 | | | - 714 | 592 | | 392 | BM 45-5A |
| | | | | | + 435 | 202 | | | LarkEllen @ Stuart |
| | | | | | - 279 | 390 | | | F-B 3711-161 |

F.B. 4118 Pg. 48 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 10 Aug 71

INDEXED C. J. GALLI DATE

WEATHER Clear TIME 10:45 NOTES CHKD. AM

INST. NO. 75234 ROD NO. 1713 AB DATE SEP 17 '71

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: Randall

NOTES BY: "

INDEXED: E. J. GALLI

DATE: 13-2-Aug-'71

DATE: SEP 16 71

WEATHER: Haze-

TIME: 10:00

NOTES CHKD: LM

DATE: SEP 17 71

INST. NO. 75234

ROD NO. 17134.B

T=80°

F.B. 4118 PG. 49

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T.B.M. Nº 1 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM T.B.M. Nº 1 TO B.M. 45-6A |
| 1 | 208 | 567 | 509 | 5 | 208 (2) 186 | 44 | 153 | 225 | 454 | 5 | 176 130 | 46 | T.B.M. Nº 1 |
| | | | | | | | | | | | | | Lark Ellen @ S.B. Fwy. |
| 2 | 64 | 941 | 365 | 5 | 98 30 | 68 | 73 | 581 | 374 | 5 | 106 40 | 66 | No Ref |
| | | | | | | 112 | | | | | | 112 | |
| 3 | 179 | 293 | 480 | 5 | 206 152 | 54 | 125 | 555 | 426 | 5 | 152 98 | 54 | T Peterson |
| | | | | | | 166 | | | | | | 166 | |
| 4 | 153 ~~152~~ | 097 | 454 | 5 | 180 126 | 54 | 81 | 107 | 382 | 5 | 109 55 | 52 | |
| | | | | | | 220 | | | | | | 218 | |
| 5 | 138 | 841 | 439 | 5 | 150 126 | 24 | 154 | 948 | 455 | 5 | 167 141 | 26 | B.M. 45-6A |
| | + 744 | 739 | | | | 244 | 588 | 416 | | | | 244 | Lark Ellen @ Workman Ave. |
| | - 588 | 416 | | | | | | | | | | 244 | F.B. 3711-163 |
| B.M. 45-6A | = 156 | 323 | | | | | | | | | | 488 | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 45-6A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 45-6A TO TBM Nº 1 |
| 1 | 137 | 290 | 438 | 5 | 166 108 | 58 | 187 | 259 | 488 | 5 | 215 159 | 56 | BM 45-6A |
| | | | | | | | | | | | | | Lark Ellen @ Workman |
| 2 | 105 | 652 | 406 | 5 | 139 71 | 68 | 166 | 513 | 467 | 5 | 200 132 | 68 | F.B. 3711-163 |
| | | | | | | 126 | | | | | | 124 | |
| 3 | 71 | 820 | 372 | 5 | 105 37 | 68 | 57 | 990 | 358 | 5 | 90 24 | 66 | ⊼ Anderson |
| | | | | | | 194 | | | | | | 190 | |
| 4 | 144 | 942 | 445 | 5 | 170 118 | 52 | 204 | 070 | 505 | 5 | 204 ½) 178 | 52 | |
| | + 459 | 704 | | | | 246 | 615 | 832 | | | | 242 | T.BM Nº 1 |
| T.BM Nº 1 | | | | | | + | 459 | 704 | | | | 246 | Lark Ellen @ Garvey |
| | | | | | | - | 156 | 128 | | | | 488 | Freeway off. ramp |
| | | | | | | | | | | | | | No Ref. |

T = 96°

F.B. 4118 PG. 50 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 13-Aug-71

INDEXED J. GALLI DATE

WEATHER INST. NO. 75235

TIME 11:30 ROD NO. 1713A

NOTES CHKD LM DATE SEP 17 '71

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 Randall

NOTES BY " DATE 5-Aug-71

INDEXED E. J. GALLI DATE SEP 16 '71

WEATHER Clear

TIME 09:00

NOTES CHKD [illegible]

INST. NO. 75234

ROD NO. 1713A/B

DATE SEP 17 '71

F.B. 4118 PG. 51

T = 88°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M.45-6A | | | | | | | | | FROM B.M. 45-6A TO B.M. 45-8A |
| 1 | 170 | 522 | 471 5 | 204 / 136 68 | 126 | 510 | 427 5 | 159 / 93 66 | B.M. 45-6A |
| | | | | | | | | | Lark Ellen @ Workman N.E. Cor. |
| 2 | 182 | 462 | 483 5 | 217 / 147 70 | 93 | 252 | 394 5 | 128 / 58 70 | F.B. 3711-163 |
| | | | | 138 | | | | 136 | |
| 3 | 151 | 365 | 452 5 | 185 / 117 68 | 114 | 368 | 415 5 | 147 / 81 66 | ⊼ Anderson |
| | | | | 206 | | | | 202 | |
| 4 | 168 | 149 | 469 5 | 199 / 137 62 | 104 | 390 | 405 5 | 135 / 73 62 | |
| | | | | 268 | | | | 264 | |
| 5 | 170 | 002 | 471 5 | 196 / 144 52 | 105 | 312 | 406 5 | 133 / 77 56 | |
| | | | | 320 | | | | 320 | |
| 6 | 164 | 538 | 465 5 | 188 / 140 48 | 96 | 702 | 399 5 | 120 / 72 48 | |
| | | | | 368 | | | | 368 | |
| 7 | 161 | 222 | 462 5 | 184 / 138 46 | 88 | 317 | 389 5 | 111 / 65 46 | |
| | | | | 414 | | | | 414 | |
| 8 | 143 | 323 | 444 5 | 149 / 137 12 | 156 | 672 | 457 5 | 162 / 150 12 | B.M. 45-8A |
| | +1311 | 583 | | 426 | 885 | 523 | | 426 | Lark Ellen @ Puente N.E. Cor. |
| B.M. 45-8A | -885 | 523 | | | | | | 426 | F.B. 3711-165 |
| | +426 | 060 | | | | | | 852 | |

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM45-8A | | | | | | | | | FROM BM45-8A TO BM45-6A |
| 1 | 109 | 972 | 410 5 | 135 83 52 | 171 | 977 | 472 5 | 196 146 50 | BM45-8A |
| | | | | | | | | | LarkEllan @ Puente |
| 2 | 94 | 258 | 395 5 | 124 64 60 | 172 | 082 | 473 5 | 201 143 58 | F-B 3711-165 |
| | | | | 112 | | | | 108 | ⊼ Anderson |
| 3 | 100 | 098 | 401 5 | 131 69 62 | 178 | 128 | 479 5 | 211 145 66 | |
| | | | | 174 | | | | 174 | |
| 4 | 108 | 602 | 409 5 | 136 80 56 | 157 | 032 | 458 5 | 184 130 54 | |
| | | | | 230 | | | | 228 | |
| 5 | 115 | 730 | 416 5 | 145 85 60 | 154 | 892 | 455 5 | 184 124 60 | |
| | | | | 290 | | | | 288 | |
| 6 | 114 | 520 | 415 5 | 143 85 58 | 163 | 188 | 464 5 | 192 134 58 | |
| | | | | 348 | | | | 346 | |
| 7 | 120 | 290 | 421 5 | 144 96 48 | 156 | 672 | 437 5 | 181 131 50 | |
| | | | | 396 | | | | 396 | |
| 8 | 131 | 570 | 432 5 | 141 121 20 | 167 | 307 | 468 5 | 177 157 20 | |
| + | 895 | 040 | | 416 | -1321 | 278 | | 416 | |
| BM 45-6A | | | | | + 895 | 040 | | 416 | |
| | | | | | - 426 | 238 | | 832 | BM 45-6A |
| | | | | | | | | | LarkEllan @ Workman. |
| | | | | | | | | | N.E. COR |
| | | | | | | | | | F.B 3711-163 |

F.B. 4118 Pg. 52 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 10 Aug 71

INDEXED E. J. GALLI DATE

WEATHER Hot-Hazy INST. NO. 75234

TIME 9:15 ROD NO. 1213 A B

NOTES CHKD AM DATE FEB 17 '71

T = 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 | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45-8A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-8A TO B.M. 45-9A |
| 1 | 198 | 209 | 499 | 5 | 221 175 | 46 | 124 | 010 | 425 | 5 | 149 99 | 50 | B.M. 45-8A |
| | | | | | | | | | | | | | Lark- Ellen @ Puente N.E. Cor. |
| 2 | 198 | 448 | 499 | 5 | 230 166 | 64 | 131 | 810 | 432 | 5 | 163 99 | 64 | F.B. 3711-165 |
| | | | | | | 110 | | | | | | 114 | |
| 3 | 189 | 270 | 490 | 5 | 216 162 | 54 | 114 | 519 | 415 | 5 | 140 88 | 52 | ⊼ Rodriquez |
| | | | | | | 164 | | | | | | 166 | |
| 4 | 173 | 378 | 474 | 5 | 210 136 | 74 | 72 | 808 | 373 | 5 | 108 36 | 72 | |
| | | | | | | 238 | | | | | | 238 | |
| 5 | 179 | 381 | 480 | 5 | 194 164 | 30 | 139 | 551 | 440 | 5 | 155 123 | 32 | |
| | | | | | | 268 | | | | | | 270 | |
| 6 | 150 | 052 | 451 | 5 | 156 144 | 12 | 186 | 370 | 487 | 5 | 192 180 | 12 | B.M. 45-9A |
| | +1088 | 738 | | | | 280 | 769 | 068 | | | | 282 | Lark Ellen @ San Bernardino Rd. S.E. Cor. |
| B.M. 45-9A | -769 | 068 | | | | | | | | | | 280 | F.B. 3711-168 |
| | +319 | 670 | | | | | | | | | | 562 | |

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

SURVEY BY Randall

NOTES BY " DATE 5-Aug-71

INDEXED E. J. GALLI DATE SEP 16 71

WEATHER Clear

TIME 09:45

NOTES CHKD LM

INST. NO 75234

ROD NO. 1713A-B

DATE SEP 17 71

T=88°

F.B. 4118 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 | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 45-9A | | | | | | | | | FROM BM 45-9A TO BM 45-8A |
| 1 | 160 | 932 | 461 5 | 181 139 42 | 181 | 509 | 482 5 | 202 160 42 | BM 45-9A |
| | | | | | | | | | LARK ELLEN & SAN BERNARDINO RD SE. COR |
| 2 | 116 | 742 | 417 5 | 147 85 62 | 195 | 070 | 496 5 | 228 162 66 | FB 3711-168 |
| | | | | 104 | | | | 108 | |
| 3 | 126 | 369 | 427 5 | 148 104 44 | 177 | 599 | 478 5 | 197 157 40 | |
| | | | | 148 | | | | 148 | ⊼ RODRIGUEZ |
| 4 | 124 | 680 | 425 5 | 151 97 54 | 215 | 402 | 516 5 | 243 187 56 | |
| | | | | 202 | | | | 204 | |
| 5 | 127 | 208 | 428 5 | 156 98 58 | 197 | 011 | 498 5 | 225 169 56 | |
| | | | | 260 | | | | 260 | |
| 6 | 140 | 880 | 441 5 | 150 130 20 | 149 | 901 | 450 5 | 159 139 20 | |
| + | 796 | 811 | | 280 | 1116 | 492 | | 280 | |
| | | | | | + 796 | 811 | | 280 | |
| 45-8A | | | | | - 319 | 681 | | 560 | BM 45-8A |
| | | | | | | | | | LARK ELLEN & PUENTE N.E. COR |
| | | | | | | | | | F.B. 3711-165 |

F.B. 4118 PG. 54 JOB NO. 0301.02 T=84

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY RLANDALL NOTES PETERSON 8-10-71

INDEXED C. J. GALLI DATE

WEATHER WARM & CLEAR INST. NO. 75234

TIME 0845 ROD NO. 1713A

NOTES CHKD. [illegible] DATE SEP 17 '71

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 |
|---|---|---|---|---|---|---|---|---|---|
| 45-9A | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM B.M. 45-9A TO B.M. 45-9 |
| | | | | | | | | | B.M. 45-9A |
| | | | | | | | | | Lark Ellen @ Sanbernardino Rd. S.E.Cor. |
| | | | | | | | | | F.B. 3711-168 |
| 1 | 204 | 859 | 505 5 | 217 191 26 | 185 | 770 | 486 5 | 200 170 30 | ⊼ Rodriquez |
| | | | | | | | | | B.M. 45-9 |
| B.M. 45-9 + | 204 | 859 | | | - 185 | 770 | | 30 | Lark Ellen @ San Bernardino Rd. ℄ |
| - | 185 | 770 | | | | | | 26 | F.B. 1367-15 |
| + | 19 | 089 | | | | | | 56 | |

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

SURVEY BY Randall

NOTES BY "

INDEXED C. J. GALLI DATE 5-Aug-71

DATE SEP 16 '71

WEATHER Clear

TIME 10:15

NOTES CHKD LM

INST. NO. 75234

ROD NO. 1713A.B

DATE SEP 17 '71

T= 92°

F.B. 4118 PG. 55

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. 4118 PG. 56 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 9-AUG. '71

INDEXED C. J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 2325

TIME 15:20 ROD NO. 1713 A.C.

NOTES CHKD. AM DATE SEP 17 '71

T = 100°

| STATION | BACKSIGHT Right | Mic. | Left. | Stadia | FORESIGHT Right | Mic. | Left. | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 45-9 | | | | | | | | | From B.M. 45-9 To B.M. 45-9 A |
| | | | | | | | | | B.M. 45-9 |
| | | | | | | | | | LARK ELLEN & SAN BERNARDINO |
| | | | | 186 | | | | 207 | RD. ℄ |
| 1 | 168 | 979 | 469 | 5 150 36 | 188 | 042 | 489 | 5 169 38 | F.B. 1367-15 |
| | | | | | | | | | T = RODRIGUEZ |
| B.M. 45-9A | 168 | 979 | | | − 188 | 042 | | | |
| | | | | | + 168 | 979 | | | B.M. 45-9 A |
| | | | | | − 19 | 063 | | | 36 LARK ELLEN & SAN BERNARDINO RD. |
| | | | | | | | | | 74 F.B. 3711-168 S.E. COR. |

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 Randall

NOTES BY " DATE 5-Aug-71

INDEXED E. J. GALLI DATE SEP 16 71

WEATHER Clear

TIME 10:25

NOTES CHKD LM

INST. NO. 75234

ROD NO. 1713AB

DATE SEP 17 71

T= 920

F.B. 4118 PG. 57

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45-9 | | | | | | | | | | | | | FROM B.M. 45-9 TO B.M. ~~45~~ 39-2 |
| 1 | 175 | 222 | 476 | 5 | 192 158 | 34 | 193 | 960 | 494 | 5 | 213 173 | 40 | B.M. 45-9 |
| | | | | | | | | | | | | | Lark Ellen @ San Bernardino Rd. ℄ |
| 2 | 125 | 648 | 426 | 5 | 153 97 | 56 | 177 | 002 | 478 | 5 | 202 152 | 50 | F.B. 1367-15 |
| | | | | | | 90 | | | | | | 90 | |
| 3 | 128 | 620 | 429 | 5 | 154 102 | 52 | 125 | 771 | 426 | 5 | 153 97 | 56 | |
| | | | | | | 142 | | | | | | 146 | |
| 4 | 248 | 730 | 549 | 5 | 272 224 | 48 | 61 | 141 | 362 | 5 | 82 40 | 42 | |
| | | | | | | 190 | | | | | | 188 | |
| 5 | 217 | 711 | 518 | 5 | 244 190 | 54 | 175 | 429 | 476 | 5 | 202 148 | 54 | T = RODRIGUEZ |
| | | | | | | 244 | | | | | | 242 | |
| 6 | 129 | 180 | 430 | 5 | 154 104 | 50 | 162 | 771 | 463 | 5 | 187 137 | 50 | |
| | | | | | | 294 | | | | | | 292 | |
| 7 | 176 | 400 | 477 | 5 | 202 150 | 52 | 56 | 679 | 357 | 5 | 81 31 | 50 | |
| | | | | | | 346 | | | | | | 342 | |
| 8 | 225 | 842 | 526 | 5 | 250 200 | 50 | 97 | 420 | 398 | 5 | 124 70 | 54 | |
| | | | | | | 396 | | | | | | 396 | |
| 9 | 167 | 071 | 468 | 5 | 180 154 | 26 | 195 | 231 | 496 | 5 | 210 180 | 30 | B.M. 39-2 |
| + | 1594 | 424 | | | | 422 | 1245 | 404 | | | | 424 | Lark Ellen @ Cypress ℄ Int. |
| B.M. 39-2 - | 1245 | 404 | | | | | | | | | | 422 | F.B. 1360-8 |
| + | 349 | 020 | | | | | | | | | | 848 | |

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 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 39-2 | | | | | | | | | FROM B.M. 39-2 TO B.M. 45-9 |
| 1 | 130 | 111 | 431 5 | 154 106 48 | 169 | 218 | 470 5 | ~~146~~ 48 | 193 143 B.M. 39-2 |
| | | | | 74 | 224 | 762 | 525 5 | 248 ~~224~~ 48 | LARK ELLEN & CYPRESS 2 INT. |
| 2 | 51 | 951 | 352 5 | 28 46 | ~~208~~ | ~~220~~ | ~~509 5~~ | 200 ~~192~~ 42 | (LINE 39 INTERSECTION) |
| | | | | 178 94 | | | | 176 96 | F.B. 1360-8 |
| 3 | 150 | 392 | 451 5 | 122 56 | 148 | 540 | 449 5 | 120 56 | |
| | | | | 188 150 | | | | 159 152 | T = RODRIGUEZ |
| 4 | 160 | 462 | 461 5 | 132 56 | 132 | 092 | 433 5 | 105 54 | |
| | | | | 102 206 | | | | 392 206 | |
| 5 | 78 | 208 | 379 5 | 54 48 | 267 | 672 | 568 5 | 242 50 | |
| | | | | 126 254 | | | | 190 256 | |
| 6 | 103 | 448 | 404 5 | 80 46 | 166 | 588 | 467 5 | 142 48 | |
| | | | | 193 300 | | | | 159 304 | |
| 7 | 172 | 600 | 473 5 | 151 42 | 139 | 022 | 440 5 | 119 40 | |
| | | | | 190 342 | | | | 158 344 | |
| 8 | 169 | 848 | 470 5 | 148 42 | 132 | 260 | 433 5 | 111 42 | |
| | | | | 183 384 | | | | 136 386 | |
| 9 | 172 | 889 | 473 5 | 161 22 | 124 | 528 | 425 5 | 112 24 | |
| | | | | 128 406 | | | | 162 410 | |
| 10 | 115 | 660 | 416 5 | 102 26 | 150 | 210 | 451 5 | 138 24 | B.M. 45-9 |
| | + 1305 | 569 | | 432 | - 1654 | 892 | | 434 | Lark Ellen @ San Bernardino Rd. |
| B.M. 45-9 | | | | | + 1305 | 569 | | 432 | F.B. 1367-15 |
| | | | | | - ~~249~~ | ~~323~~ | | 866 | |
| | | | | | 349 | 323 | | | |

F.B. 4118 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Randall NOTES Anderson DATE: 9-Aug. '71

INDEXED C. J. GALLI DATE

WEATHER Clear & Calm INST. NO. 75231

TIME 14:20 ROD NO. 1713 R.B.

NOTES CHKD. [illegible] DATE SEP 17 '71

T = 102°

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 _____ WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

F.B. 418 PG. 59

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM _____ TO _____ |
| | | | | | | | | | See Next pg. for Rerun |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39-2 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 39-2 TO BM 45-9 |
| 1 | 130 | 312 | 431 | 5 | 155 105 | 50 | 182 | 032 | 483 | 5 | 207 157 | 50 | BM 39-2 |
| | | | | | | | | | | | | | Lark Ellen @ Cypress |
| 2 | 37 | 561 | 338 | 5 | 67 7 (60) | 60 | 213 | 221 | 514 | 5 | 243 183 | 60 | F.B. 1360-8 |
| | | | | | | 110 | | | | | | 110 | |
| 3 | 170 | 719 | 471 | 5 | 200 140 | 60 | 147 | 630 | 448 | 5 | 179 115 | 64 | ⊼ Rodriquez |
| | | | | | | 170 | | | | | | 174 | RERUN |
| 4 | 179 | 962 | 480 | 5 | 209 149 | 60 | 252 | 520 | 553 | 5 | 280 224 | 56 | |
| | | | | | | 230 | | | | | | 230 | |
| 5 | 28 | 399 | 329 | 5 | 58 ½) 28 | 60 | 184 | 801 | 485 | 5 | 214 154 | 60 | |
| | | | | | | 290 | | | | | | 290 | |
| 6 | 170 | 428 | 471 | 5 | 200 140 | 60 | 130 | 808 | 431 | 5 | 160 100 | 60 (60) | |
| | | X Note | | | | 350 | | | | | | 350 | |
| 7 | 170 | 820 | 471 | 5 | 185 155 | 30 | 140 | 828 | 441 | 5 | 155 125 | 30 | |
| | | | | | | 380 | | | | | | 380 | |
| 8 | 171 | 469 | 472 | 5 | 197 151 | 40 | 157 | 012 | 458 | 5 | 197 137 | 40 | BM 45-9 |
| | + 1059 | 670 | | | | 420 | - 1408 | 852 | | | | 420 | Lark Ellen @ San Berardino Rd. |
| B.M. 45-9 | | | | | | | + 1059 | 670 | | | | 420 | F.B. 1367-15 |
| | | | | | | | - 349 | 182 | | | | ~~840~~ | |
| | | | | | | | | | | | | 840 | |

SURVEY OF 4/18 PG. 60 JOB NO. 0301.02

SURVEY BY Randall NOTES JGR 13-Aug-71

INDEXED C. J. GALLI DATE

WEATHER Hazy INST. NO. 7523

TIME 13:10 ROD NO. 173A

NOTES CHKD LM DATE 17

1=98

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 Bernoski " WEATHER Clear T= 98°

NOTES BY " TIME 11:10 INST. NO. 75234

INDEXED E. J. GALLI DATE 5-Aug-71 ROD NO. 1713 AB

DATE SEP 16 '71 NOTES CHKD LM DATE SEP 17 '71

F.B. 4118 PG. 61

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39-2 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 39-2 TO B.M. 45-10A |
| 1 | 196 | 399 | 497 | 5 | 224 168 | 56 | 154 | 759 | 455 | 5 | 183 125 | 58 | B.M. 39-2 |
| | | | | | | | | | | | | | Lark Ellen e Cypress |
| 2 | 186 | 031 | 487 | 5 | 212 160 | 52 | 170 | 951 | 471 | 5 | 193 147 | 46 | F.B. 1360-8 |
| | | | | | | 108 | | | | | | 104 | |
| 3 | 166 | 974 | 467 | 5 | 192 140 | 52 | 127 | 601 | 428 | 5 | 154 100 | 54 | T Rodriguez |
| | | | | | | 160 | | | | | | 158 | |
| 4 | 193 | 494 | 494 | 5 | 219 167 | 52 | 83 | 501 | 384 | 5 | 110 56 | 54 | |
| | | | | | | 212 | | | | | | 212 | |
| 5 | 162 | 542 | 463 | 5 | 190 134 | 56 | 124 | 739 | 425 | 5 | 152 96 | 56 | |
| | | | | | | 268 | | | | | | 268 | |
| 6 | 143 | 800 | 444 | 5 | 150 136 | 14 | 151 | 821 | 452 | 5 | 158 144 | 14 | |
| | + 1049 | 240 | | | | 282 | 813 | 372 | | | | 282 | B.M. 45-10A |
| B.M. 45-10A | - 813 | 372 | | | | | | | | | | 282 | Lark Ellen e Flood Control Channel |
| | + 235 | 868 | | | | | | | | | | 564 | F.B. 3711-169 |

225

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. 45-10A | | | | | | | | | FROM B.M. 45-10A TO B.M. 39-2 |
| 1 | 143 | 349 | 444 5 | 161 125 36 | 165 | 199 | 466 5 | 144 42 | B.M. 45-10A |
| | | | | 152 | | | | 201 | LARK ELLEN & FLOOD CONT. CH. |
| 2 | 130 | 172 | 431 5 | 108 44 | 181 | 459 | 482 5 | 162 38 | F.B. 3711-169 |
| | | | | 126 80 | | | | 234 80 | |
| 3 | 99 | 172 | 400 5 | 72 54 | 205 | 002 | 506 5 | 176 58 | |
| | | | | 202 134 | | | | 188 138 | |
| 4 | 177 | 528 | 478 5 | 152 50 | 165 | 491 | 466 5 | 142 46 | |
| | | | | 175 184 | | | | 202 184 | π = RODRIGUEZ |
| 5 | 147 | 568 | 448 5 | 119 56 | 173 | 790 | 474 5 | 144 58 | |
| | | | | 156 240 | | | | 199 242 | |
| 6 | 143 | 509 | 444 5 | 130 26 | 186 | 280 | 487 5 | 173 26 | |
| | + 841 | 298 | | 266 | 1077 | 221 | | 268 | |
| B.M. 39-2 | | | | | + 841 | 298 | | 266 | B.M. 39-2 |
| | | | | | 235 | 923 | | 534 | LARK ELLEN & CYPRESS (LINE 39 INTERSECTION) F.B. 1360-8 |

F.B. 4118 PG. 62 JOB NO. 0301.02 T = 98°

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER CLEAR & CALM INST. NO. 7523

SURVEY BY RANDALL NOTES ANDERSON DATE: 9-AUG.'71 TIME 13:48 ROD NO. 1713

INDEXED E. J. GALLI DATE NOTES CHKD JM DATE SEP 17 '71

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45-10A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-10A TO B.M. 45-11A |
| 1 | 111 | 092 | 412 | 5 | 142 80 | 62 | 139 | 483 | 440 | 5 | 169 109 | 60 | B.M. 45-10A |
| | | | | | | | | | | | | | Lark Ellen @ Flood Control Channel |
| 2 | 134 | 280 | 435 | 5 | 167 101 | 66 | 122 | 660 | 423 | 5 | 156 88 | 68 | F.B. 3711-169 |
| | | | | | | 128 | | | | | | 128 | |
| 3 | 151 | 653 | 452 | 5 | 183 119 | 64 | 128 | 833 | 429 | 5 | 160 96 | 64 | ⊼ Anderson |
| | | | | | | 192 | | | | | | 192 | |
| 4 | 123 | 950 | 424 | 5 | 147 99 | 48 | 103 | 673 | 404 | 5 | 128 78 | 50 | |
| | | | | | | 240 | | | | | | 242 | |
| 5 | 149 | 008 | 450 | 5 | 180 118 | 62 | 123 | 477 | 424 | 5 | 155 91 | 64 | |
| | | | | | | 302 | | | | | | 306 | |
| 6 | 156 | 023 | 457 | 5 | 177 135 | 42 | 133 | 805 | 434 | 5 | 160 106 | 54 | B.M. 45-11A |
| + | 826 | 006 | | | | 344 | ~~751~~ | ~~936~~ | | | | 360 | Lark Ellen @ Arrow Hwy. S.E. Cor. |
| B.M. 45-11A | 751 | 931 | | | | | 751 | 931 | | | | 344 | F.B. 3711-172 |
| + | 74 | 075 | | | | | | | | | | 204 | |

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

SURVEY BY Randall

NOTES BY " DATE 5-Aug-71

INDEXED E. J. GALLI DATE SEP 16 71

WEATHER Haze

TIME 11:45

NOTES CHKD LM

INST. NO. 75234

ROD NO. 1713AB

DATE SEP 17 71

T=1000

F.B. 4118 PG. 63

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 |
|---|---|---|---|---|---|---|---|---|---|
| 45-11A | | | | | | | | | FROM BM 45-11A TO B.M. 45-10A |
| 1 | 88 | 810 | 389 5 | 118 58 60 | 141 | 973 | 442 5 | 171 111 60 | B.M. 45-11A |
| | | | | | | | | | Lark Ellen @ Arrow Hwy S.E. Cor. |
| 2 | 107 | 122 | 408 5 | 135 79 56 | 148 ~~107~~ | 343 | 449 5 | 175 121 54 | F.B. 3711-172 |
| | | | | 175 116 | | | | 114 | ⊼ Anderson |
| ~~3~~ | ~~148~~ | ~~343~~ | ~~449 5~~ | ~~121 54~~ | | | 5 | | |
| 3 | 129 | 921 | 430 5 | 152 106 46 | 152 | 092 | 453 5 | 174 130 44 | |
| | | | | 162 | ⊳ Note | | | 158 | |
| 4 | 131 | 842 | 432 5 | 161 101 60 | 152 | 775 | 453 5 | 183 121 62 | |
| | | | | 222 | | | | 220 | |
| 5 | 118 | 175 | 419 5 | 150 86 64 | 153 | 190 | 454 5 | 183 123 60 | |
| | | | | 286 | | | | 280 | |
| 6 | 203 | 043 | 504 5 | 229 177 52 | 120 | 012 | 421 5 | 149 91 58 | |
| | | | | 338 | | | | 338 | |
| 7 | 153 | 491 | 454 5 | 165 141 24 | 138 | 018 | 439 5 | 149 127 22 | B.M. 45-10A |
| + | 932 | 404 | | 362 | 1006 | 403 | | 360 | Lark Ellen @ F.C. Channel |
| 45-10A | | | | | + 932 | 404 | | 362 | F.B. 3711-169 |
| | | | | | - 73 | 999 | | 722 | |

T=1040

WEATHER Haze

TIME 14:15

NOTES CHKD LM

INST. NO. 75234

ROD NO.

DATE 1-7-71

JOB NO. 0301.02

F.B. 4128 PG. 64

SURVEY OF

SURVEY BY Candall NOTES JGR 6-Aug-71

INDEXED E. 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.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45-11A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-11A TO B.M. 45-11B |
| | | | | | | | | | | | | | B.M. 45-11A |
| | | | | | | | | | | | | | Lark Ellen @ Arrow Hwy. S.E. Cor. |
| | | | | | 190 | | | | | | 159 | | F.B. 3711-172 |
| 1 | 179 | 323 | 480 | 5 | 168 | 22 | 148 | 038 | 449 | 5 | 137 | 22 | ⊼ Anderson |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| + | 179 | 323 | | | | | 148 | 038 | | | | 22 | |
| 45-11B - | 148 | 038 | | | | | | | | | | 22 | B.M. 45-11B |
| + | 31 | 285 | | | | | | | | | | 44 | Lark Ellen @ Arrow Hwy. |
| | | | | | | | | | | | | | F.B. 3711-172 |

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

SURVEY BY Randall

NOTES BY " DATE 5-Aug-71

INDEXED E. J. GALLI DATE SEP 16 71

WEATHER Haze

TIME 13:50

NOTES CHKD LM

INST. NO 75234

ROD NO. 1713A-B

DATE SEP 17 71

T=100°

F.B. 4118 PG. 65

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. 75234
ROD NO. 113AB
DATE SEP 17 71
WEATHER Haze
TIME 14:05
NOTES CHKD dm
T=1020

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 45-11B | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM B.M. 45-11B TO B.M. 45-11A |
| | | | | | | | | | B.M. 45-11B |
| | | | | | | | | | Lark Ellen @ Arrow Hwy (R.M. 2) |
| | | | | 155 | | | | 182 | F.B. 3711-172 |
| 1 | 144 | 537 | 445 | 5 133 22 | 175 | 777 | 476 | 5 164 22 | T. Anderson |
| | + 144 | 537 | | | - 175 | 777 | | | |
| 45-11A | | | | | + 144 | 537 | | | 22 B.M. 45-11A |
| | | | | | - 31 | 240 | | | 22 Lark Ellen @ Arrow Hwy. S.E. Cor. |
| | | | | | | | | | 44 F.B. 3711-172 |

F.B. 4118 PG. 66
JOB NO. 0301.02
SURVEY OF Randall
SURVEY BY NOTES JGR
INDEXED E. J. GALLI
DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=1000 F.B. 4118 PG. 67

SURVEY BY Randall WEATHER Haze INST. NO. 75234

NOTES BY " DATE 5-Aug-71 TIME 13:55 ROD NO. 1713AE

INDEXED E. J GALLI DATE SEP 16 '71 NOTES CHKD LM DATE SEP 17 '71

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 |
|---|---|---|---|---|---|---|---|---|---|
| 45-11B | | | | | | | | | FROM BM 45-11B TO B.M. 45-11 |
| | | | | | | | | | BM 45-11B |
| | | | | | | | | | Lark Ellen @ Arrow Hwy |
| | | | | | | | | | F.B. 3711-172 |
| / | 147 | 059 | 448 5 | 163 32 131 32 | 170 | 534 | 471 5 | 185 155 30 | X Anderson |
| | | | | | | | | | |
| 45-11 + | 147 | 059 | | | 170 | 534 | | 30 | B.M. 45-11 |
| | | | | | 147 | 059 | | 32 | Lark Ellen @ Arrow Hwy ℄ |
| | | | | | 23 | 475 | | 62 | F.B. 1367-16 |

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.

INST. NO. 75234
ROD NO. 1713 A18
DATE SEP 17 '71
WEATHER Haze
TIME 13:55
NOTES CHKD AM
T = 1040

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 45-11 | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM B.M 45-11 TO B.M. 45-11B |
| | | | | | | | | | B.M. 45-11 |
| | | | | | | | | | Lark Ellen @ Arrow Hwy & |
| | | | | | | | | | F.B. 1367-16 |
| 1 | 171 | 193 | 472 5 | 181 161 20 | 147 | 688 | 448 5 | 162 132 30 | T Anderson |
| | + | 171 | 193 ✓ | | | 147 | 688 ✓ | | |
| 45-11B | - | 147 | 688 | | | | | | B.M. 45-11B |
| | | ~~24 505~~ | | | | | | 20 | Lark Ellen @ Arrow Hwy S.E. Cor. |
| | | 23 505 ✓ | | | | | | 50 | R.M. No 2 |
| | | | | | | | | | F.B. 3711-172 |

F.B. 4118 PG. 68
JOB NO. 0301.02
SURVEY OF Randall NOTES JGR 6-Aug-'71
SURVEY BY
INDEXED 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.

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45-11 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-11 TO B.M. 45-12 |
| 1 | 144 | 980 | 445 | 5 | 129 | 30 | 170 | 828 | 471 | 5 | 155 | 30 | B.M. 45-11 |
| | | | | | | | | | | | | | Lark Ellen @ Arrow Hwy ℄ |
| 2 | 147 | 851 | 448 | 5 | 122 | 50 | 105 | 670 | 406 | 5 | 79 | 52 | F.B. 1367-16 |
| | | | | | | 80 | | | | | | 82 | |
| 3 | 169 | 751 | 470 | 5 | 140 | 58 | 106 | 654 | 407 | 5 | 77 | 58 | T Anderson |
| | | | | | | 138 | | | | | | 140 | |
| 4 | 165 | 352 | 466 | 5 | 143 | 44 | 96 | 200 | 397 | 5 | 74 | 44 | |
| | | | | | | 182 | | | | | | 184 | |
| 5 | 252 | 839 | 553 | 5 | 227 | 50 | 25 | 420 | 326 | 5 | 0 | 50 | |
| | | | | | | 232 | | | | | | 234 | |
| 6 | 126 | 622 | 427 | 5 | 121 | 10 | 111 | 238 | 412 | 5 | 106 | 10 | |
| | + 1007 | 398 | | | | 242 | 616 | 010 | | | | 244 | B.M. 45-12 |
| 45-12 | - 616 | 010 | | | | | | | | | | 242 | Lark Ellen @ Flood Control Channel |
| | + 391 | 388 | | | | | | | | | | 486 | F.B. 3711-173 |

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

SURVEY BY Randell

NOTES BY "

INDEXED W. J. GALLI

DATE 5-Aug-71

DATE SP 16 '71

WEATHER Haze

TIME 14:00

NOTES CHKD

INST. NO. 75234

ROD NO. 17134-B

DATE SP 17 '71

F.B. 4118

PG. 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.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45-12 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M.45-12 TO B.M.45-11 |
| 1 | 106 | 527 | 407 | 5 | 126 86 | 40 | 239 | 612 | 540 | 5 | 259 219 | 40 | B.M.45-12 |
| | | | | | | | | | | | | | Lark Ellen @ F.C. Channel |
| 2 | 11 | 098 | 312 | 5 | 1/2) 37 11 | 52 | 183 | 218 | 484 | 5 | 210 156 | 54 | F.B. 3711-173 |
| | | | | | | 92 | | | | | | 94 | |
| 3 | 117 | 823 | 418 | 5 | 143 91 | 52 | 165 | 198 | 466 | 5 | 191 139 | 52 | ⊼ Anderson |
| | | | | | | 144 | | | | | | 146 | |
| 4 | 108 | 875 | 409 | 5 | 133 83 | 50 | 145 | 642 | 446 | 5 | 170 120 | 50 | |
| | | | | | | 194 | | | | | | 196 | |
| 5 | 132 | 622 | 433 | 5 | 149 115 | 34 | 143 | 732 | 444 | 5 | 160 126 | 34 | |
| | | | | | | 228 | | | | | | 230 | |
| 6 | 141 | 832 | 442 | 5 | 151 131 | 20 | 132 | 768 | 433 | 5 | 142 122 | 20 | B.M. 45-11 |
| | +618 | 777 | | | | 248 | 1010 | 170 | | | | 250 | Lark Ellen @ Arrow Hwy ℄ |
| 45-11 | | | | | | | +618 | 777 | | | | 248 | F.B. 1367-16 |
| | | | | | | | 391 | 393 | | | | 498 | |

F.B. 4118 PG. 70 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 6-Aug-71

INDEXED [redacted] J. GAIN DATE

WEATHER Haze INST. NO. 75234

TIME 13:20 ROD NO. 1713AB

NOTES CHKD. LM DATE SEP 17 '71

T=1020

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45-12 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 45-12 TO B.M 11-25A |
| 1 | 134 | 028 | 435 | 5 | 142 126 | 16 | 163 | 603 | 464 | 5 | 171 155 | 16 | B.M. 45-12 |
| | | | | | | | | | | | | | Lark Ellen @ Flood Control Channel |
| 2 | 149 | 042 | 450 | 5 | 177 121 | 56 | 75 | 330 | 376 | 5 | 104 46 | 58 | F.B. 3711-173 |
| | | | | | | 72 | | | | | | 74 | ⊼ Anderson |
| 3 | 187 | 111 | 488 | 5 | 212 162 | 50 | 46 | 222 | 347 | 5 | 69 23 | 46 | |
| | | | | | | 122 | | | | | | 120 | |
| 4 | 172 | 930 | 473 | 5 | 188 156 | 32 | 84 | 812 | 385 | 5 | 100 68 | 32 | |
| | | | | | | 154 | | | | | | 152 | |
| 5 | 165 | 242 | 466 | 5 | 178 152 | 26 | 165 | 738 | 466 | 5 | 177 153 | 24 | B.M. 11-25A |
| + | 808 | 353 | | | | 180 | 535 | 705 | | | | 176 | Lark Ellen @ Gladstone S.E. Cor |
| - | 535 | 705 | | | | | | | | | | 180 | F.B. 2880-23 |
| B.M. 11-25A + | ~~272~~ | ~~548~~ | | | | | | | | | | 356 | |
| | 272 | 648 | | | | | | | | | | | |

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

SURVEY BY Randall

NOTES BY 11 DATE 5-Aug-71

INDEXED C. J GALLI DATE SEP 16 '71

WEATHER Haze

TIME 14:35

NOTES CHKD LM

INST. NO. 75234

ROD NO. 1713A.B

DATE SEP 17 '71

T= 102°

F.B. 4118 PG. 71

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11-25A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 11-25A TO B.M. 45-12 |
| 1 | 111 | 848 | 412 | 5 | 129 93 | 36 | 201 | 812 | 502 | 5 | 219 183 | 36 | B.M. 11-25A |
| | | | | | | | | | | | | | Lark Ellen @ Gladstone S.E. Cor. |
| 2 | 62 | 210 | 363 | 5 | 89 35 | 54 | 207 | 572 | 508 | 5 | 235 179 | 56 | F.B. 2880-23 |
| | | | | | | 90 | | | | | | 92 | |
| 3 | 82 | 878 | 383 | 5 | 111 53 | 58 | 147 | 440 | 448 | 5 | 174 120 | 54 | ⊼ Anderson |
| | | | | | | 148 | | | | | | 146 | |
| 4 | 158 | 408 | 459 | 5 | 169 147 | 22 | 131 | 300 | 432 | 5 | 142 120 | 22 | |
| + | 415 | 344 | | | | 170 | 688 | 124 | | | | 168 | B.M. 45-12 |
| 45-12 | | | | | | | + 415 | 344 | | | | 170 | Lark Ellen @ F.C. Channel |
| | | | | | | | - 272 | 780 | | | | ~~358~~ 338 | F.B. 3711-173 |

F.B. 4118 PG. 72 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 6-Aug-71

INDEXED E. J. GALLI DATE

T = ~~94~~ 100°

WEATHER Haze INST. NO. 75234

TIME 11:20 ROD NO. 1713AB

NOTES CHKD. AM DATE SEP 17 '71

F.B. 4118 PG. 73

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

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM _____ TO _____ |
| | | | | | | | | | See Next Pg. for Rerun |

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

Do not extend notes this side of this line.

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

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11-25A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM.11-25A TO B.M.45-12 |
| 1 | 120 | 408 | 421 | 5 | 140 100 | 40 | 221 | 577 | 522 | 5 | 247 201 | 40 | B.M.11-25A |
| | | | | | | | | | | | | | Lark Ellen @ Gladstone S.E. Cor. |
| 2 | 76 | 704 | 377 | 5 | 103 49 | 54 | 219 | 489 | 520 | 5 | 246 192 | 54 | F.B. 2880-23 |
| | | | | | | 94 | | | | | | 94 | ⊼ Peterson |
| 3 | 111 | 217 | 412 | 5 | 135 87 | 48 | 170 | 130 | 471 | 5 | 194 146 | 48 | RERUN |
| | | | | | | 142 | | | | | | 142 | |
| 4 | 173 | 235 | 474 | 5 | 186 160 | 26 | 143 | 037 | 444 | 5 | 155 131 | 24 | B.M.45-12 |
| | + 481 | 564 | | | | 168 | 754 | 233 | | | | 166 | Lark Ellen @ F.C. Channel |
| B.M.45-12 | | | | | | | + 481 | 564 | | | | 168 | F.B. 3711-173 |
| | | | | | | | - 272 | 669 | | | | ~~334~~ | |
| | | | | | | | | | | | | 334 | |

T = 940

WEATHER Hare INST. NO. 75234

TIME 14:20 ROD NO. 1713A

NOTES CHKD. DM DATE SEP 17 71

F.B. 4118 PG. 74 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 13-Aug-71

INDEXED E. 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 Randall

NOTES BY "

INDEXED E. J. Gaitt

DATE 6-Aug-71

TIME 08:35

WEATHER Haze

T = 90°

INST. NO. 75234

ROD NO. 1783-B

F.B. 4118 PG. 75

DATE SEP 16 71

NOTES CHKD KM

DATE SEP 17

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11-25A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 11-25A TO BM. 11-26A |
| 1 | 170 | 310 | 471 | 5 | 200 140 | 60 | 135 | 691 | 436 | 5 | 185 105 | 60 | B.M. 11-25A |
| | | | | | | | | | | | | | Lark Ellen @ Gladstone S.E. Cor. |
| 2 | 170 | 030 | 471 | 5 | 198 142 | 56 | 114 | 380 | 415 | 5 | 143 85 | 58 | F.B. 2880-23 |
| | | | | | | 116 | | | | | | 118 | |
| 3 | 165 | 122 | 466 | 5 | 196 134 | 62 | 137 | 460 | 438 | 5 | 167 107 | 60 | " Rodriquez |
| | | | | | | 178 | | | | | | 178 | |
| 4 | 254 | 110 | 555 | 5 | 288 220 | 68 | 80 | 372 | 381 | 5 | 114 46 | 68 | |
| | | | | | | 246 | | | | | | 246 | |
| 5 | 129 | 532 | 430 | 5 | 154 104 | 50 | 165 | 172 | 466 | 5 | 190 140 | 50 | |
| | | | | | | 296 | | | | | | 296 | |
| 6 | 199 | 808 | 500 | 5 | 224 174 | 50 | 140 | 478 | 441 | 5 | 165 115 | 50 | |
| | | | | | | 346 | | | | | | 346 | |
| 7 | 175 | 500 | 476 | 5 | 194 156 | 38 | 93 | 110 | 394 | 5 | 112 74 | 38 | |
| | | | | | | 384 | | | | | | 384 | |
| 8 | 174 | 551 | 475 | 5 | 191 157 | 34 | 180 | 460 | 481 | 5 | 198 162 | 36 | B.M. 11-26A |
| + | 1438 | 965 | | | | 418 | 1047 | 123 | | | | 420 | Gladstone @ Azusa Ave. N.E. Cor. |
| 11-26A - | 1047 | 123 | | | | | | | | | | 418 | F.B. 1376-27 |
| + | 391 | 840 | | | | | | | | | | 838 | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11-26A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 11-26A TO B.M. 11-25A |
| 1 | 148 | 139 | 449 | 5 | 163 131 | 34 36 | 202 | 731 | 503 | 5 | 219 185 | 34 | B.M. 11-26A |
| | | | | | | | | | | | | | Gladstone @ Azuza Ave N.E. Cor. |
| 2 | 124 | 431 | 425 | 5 | 152 96 | 56 | 182 | 751 | 483 | 5 | 211 153 | 58 | F.B. 1376-27 |
| | | | | | | 90 | | | | | | 92 | |
| 3 | 138 | 572 | 439 | 5 | 164 112 | 52 | 139 | 862 | 440 | 5 | 165 113 | 52 | ⊼ Rodriguez |
| | | | | | | 142 | | | | | | 144 | |
| 4 | 160 | 700 | 461 | 5 | 185 135 | 50 | 237 | 001 | 538 | 5 | 262 212 | 50 | |
| | | | | | | 192 | | | | | | 194 | |
| 5 | 103 | 159 | 404 | 5 | 129 77 | 52 | 202 | 150 | 503 | 5 | 229 175 | 54 | |
| | | | | | | 244 | | | | | | 248 | |
| 6 | 139 | 770 ~~912~~ | 440 | 5 | 171 107 | 64 | 164 | 090 | 465 | 5 | 194 134 | 60 | |
| | | | | | | 308 | | | | | | 308 | |
| 7 | 131 | 788 | 432 | 5 | 156 106 | 50 | 189 | 579 | 490 | 5 | 215 163 | 52 | |
| | | | | | | 358 | | | | | | 360 | |
| 8 | 163 | 022 | 464 | 5 | 163 ½) 139 | 48 | 183 | 499 | 484 | 5 | 205 161 | 44 | |
| + | 1109 | 581 | | | | 406 | 1501 | 663 | | | | ~~406~~ | B.M. 11-25A |
| 11-25A | | | | | | | + 1109 | 581 | | | | 404 | Gladstone @ Lark Ellen S.E. Cor. |
| | | | | | | | - 392 | 082 | | | | 406 | F.B. 2880-23 |
| | | | | | | | | | | | | 810 | |

T= 920

WEATHER Haze INST. NO 75234

TIME 10:40 ROD NO 1713AB

NOTES CHKD L.M. DATE SEP 17 '71

F.B. 4118 PG. 76 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 6-Aug-71

INDEXED E. 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 U.L. RANDALL
NOTES BY R. ANDERSON DATE 16-AUG. 71 WEATHER CLEAR & CALM INST. NO. 75234
INDEXED M. J. GALLI DATE SEP 16 '71 TIME 09:45 ROD NO. 1712 & 1
NOTES CHKD. DATE SEP 17 '71
T ~ 80°
F.B. 4118 PG. 77

| STATION | BACKSIGHT Right | Mic. | Left | | Stadia | | FORESIGHT Right | Mic. | Left | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 11-26A | | | | | | | | | | | | | FROM B.M. 11-26A TO B.M. 11-27A |
| 1 | 177 | 580 | 478 | 5 | 167 / 221 | 20 | 158 | 312 | 459 | 5 | 148 / 119 | 20 | B.M. 11-26A |
| | | | | | | | | | | | | | GLADSTONE AVE & AZUSA AVE |
| 2 | 201 | 281 | 502 | 5 | 181 / 240 | 40 / 60 | 99 | 928 | 400 | 5 | 79 / 132 | 40 / 60 | F.B. 1376-27 N.E. COR |
| 3 | 221 | 301 | 522 | 5 | 202 / 232 | 38 / 98 | 113 | 660 | 414 | 5 | 94 / 141 | 38 / 98 | |
| 4 | 212 | 880 | 513 | 5 | 192 / 228 | 40 / 138 | 121 | 689 | 422 | 5 | 101 / 130 | 40 / 138 | T = RODRIGUEZ |
| 5 | 213 | 252 | 514 | 5 | 188 / 251 | 50 / 188 | 106 | 608 | 407 | 5 | 88 / 103 | 50 / 188 | 131 / 81 |
| 6 | 220 | 430 | 521 | 5 | 189 | 62 | 71 | 150 | 372 | 5 | 39 | 64 | |
| | + 1246 | 724 | | | | 250 | 671 | 347 | | | | 252 / 250 | |
| B.M. 11-27A | - 671 | 347 | | | | | | | | | | | B.M. 11-27A |
| | + 575 | 377 | | | | | | | | | | 502 | GLADSTONE AVE. & PASADENA AVE. |
| | | | | | | | | | | | | | F.B. 2880-24 N.E. COR |

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.11-27A | | | | | | | | | FROM B.M.11-27A TO B.M.11-26A |
| 1 | 89 | 440 | 390 5 | 112 66 46 | 211 | 539 | 512 5 | 235 187 48 | B.M. 11-27A |
| | | ↓NOTE↓ | | 135 | | | | 240 | GLADSTONE AVE. & PASADENA AVE |
| 2 | 109 | 410 | 410 5 | 83 52 | 214 | 609 | 515 5 | 188 52 | F.B. 2880-24 N.E. COR |
| | | | | 136 98 | | | | 230 100 | |
| 3 | 114 | 452 | 415 5 | 92 44 | 208 | 702 | 509 5 | 186 44 | |
| | | | | 118 142 | | ↓NOTE↓ | | 255 144 | |
| 4 | 92 | 402 | 393 5 | 66 52 | 230 | 531 | 531 5 | 205 50 | |
| | | | | 139 194 | | | | 179 194 | T = RODRIGUEZ |
| 5 | 128 | 070 | 429 5 | 117 22 | 168 | 792 | 469 5 | 157 22 | |
| | | | | 125 216 | | | | 201 216 | |
| 6 | 106 | 492 | 407 5 | 87 38 | 181 | 531 | 482 5 | 161 40 | |
| + | 640 | 266 | | 254 | 1215 | 704 | | 256 | |
| B.M.11-26A | | | | | + 640 | 266 | | 254 | B.M. 11-26A |
| | | | | | - 575 | 438 | | 510 | GLADSTONE AVE. & AZUSA |
| | | | | | | | | | F.B. 1376-27 N.E. COR |

F.B. 4118 Pg. 78 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER CLEAR/CALM INST. NO. 75239

SURVEY BY RANDALL NOTES ANDERSON DATE: 16-AUG.'71 TIME 08:50 ROD NO. 1713A-B

INDEXED J. GALLI DATE NOTES CHKD LM DATE SEP 17 '71

T = 74°

| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. Precise Level Net |
| Map No. | JN 030102 Tape — Std — °F |
| Office Work | Surveyed by Randall |
| Checked | Notes " Date Aug-71 |
| Date | Indexed J. GALLI SEP 17 71 |

F. B. 4118 PG. 99

# LOS ANGELES COUNTY

# PRECISE LEVEL NET

# LINE Nº 19

# AUG. ∞ 1971

# J.N. 030102

## REFERENCES

F.B. 1202
1383
3709
3712

PARTY
RANDALL
ANDERSON
PETERSON, T.C.
LOVE
RODRIGUEZ, R.J.

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

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

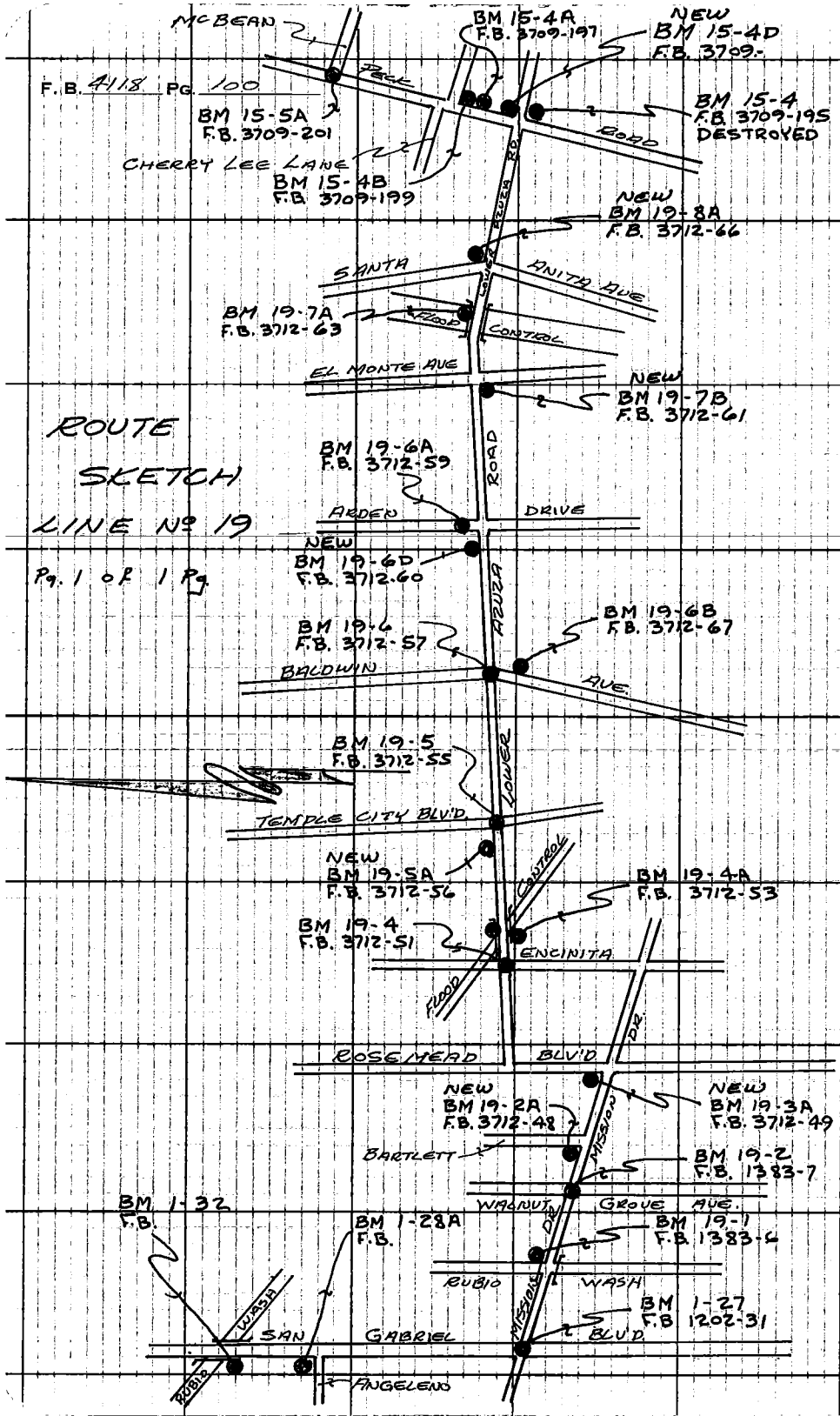
Do not extend this side of this line.

16F309S CE#310 3-69

F.B. 4118 PG. 100

# ROUTE SKETCH LINE Nº 19

Pg. 1 of 1 Pg.




PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.

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 Randall

NOTES BY " DATE 17-Aug-'71

INDEXED [illegible] J. GALLI DATE SEP 17 '71

WEATHER Clear-Calm INST. NO. 75234

TIME 08:15 ROD NO. 1713A-B

NOTES CHKD DATE

F.B. 4118 PG. 101

T=80°

| 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 | 141 | 213 | 442 5 | 146 136 10 | 128 | 482 | 429 5 | 158 98 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 137 | 669 | 438 5 | 142 132 10 | 150 | 344 | 451 5 | 180 120 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 278 | 882 | | 20 | 278 | 826 | | 120 | |
| | 278 | 786 | | | - | 0.40 mm | | 20 | |
| | + | 096 | | | ~~-0.~~ | ~~mm~~ | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 278 | 786 | | | |
| | | | | | - | | | | Anderson |
| | | .009 mm= "C" | | | | | | | |
| | 100 | 0.96 | | | | | | | |
| | | | | | | 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 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 | 146 | 163 | 447 5 | 151 141 10 | 187 | 662 | 488 5 | 217 157 60 | 60 M-10 M=50 M=0.20 mm |
| 2 | 132 | 572 | 433 5 | 137 127 10 | 91 | 212 | 392 5 | 121 61 60 | 60 M- 10 M=50 M=0.20 mm |
| | 278 | 735 | | 20 | 278 | 874 | | 120 | |
| | | | | | | 0.40 | | -20 | |
| | + | | | | -0. | mm | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 278 | 834 | | | |
| | | | | | 278 | 735 | | | |
| | | | | | - | 099 | | | |
| | | | | | | | | | ⊼ ANDERSON |
| | + | .010 | mm= "C" | | | | | | |
| | 100/0.99 | | | | | | | | |
| | | | | | | | mm= "C" | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 8-18-71 WEATHER HAZY
INDEXED L. J. GALLI DATE SEP 17 71 TIME 08:15 INST. NO. 75230
NOTES CHKD DATE ROD NO. 1713AB

F.B. 4118 PG. 103

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 Randall
NOTES BY Rodriguez DATE 19 Aug 71 TIME 8:00 WEATHER overcast INST. NO 25234 ROD NO 1713 A6
INDEXED J. GALLI DATE 8 17 71 NOTES CHKD DATE
F.B. 4118 PG. 105
T=70°

| 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 | 572 | 455 5 | 159 149 10 | 142 | 339 | 443 5 | 172 112 60 | 60 M- 10 M= 50 M=0.20mm |
| 2 | 164 | 296 | 465 5 | 169 159 10 | 176 | 662 | 477 5 | 206 146 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 318 | 868 | | 20 | 319 | 001 | | 120 | ⊼ PETERSON |
| | | | | | | | | -20 | |
| | + | | | | -0.40mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 318 | 961 | | | |
| | | | | | 318 | 868 | | | |
| | | | | | - | 0.93 | | | |
| | | | | mm= "C" | | | | | |
| | | | | | - | 0.009 mm= "C" | | | |
| | | | | | 100 | 0.930 | | | |
| | | | | | | 900 | | | |

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 Randall

NOTES BY Rodriguez DATE 20 Aug 71

INDEXED E. J. GALLY DATE 17 71

WEATHER Hazy

TIME 8:00

NOTES CHKD

DATE

INST. NO 75234

ROD NO 1713AE

F.B. 4118 PG. 107

T=74°

| 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 | 165 | 965 | 466 5 | 170 160 10 | 174 | 826 | 475 5 | 204 144 60 | 60 M- 10 M=50 M=0.20 mm |
| 2 | 154 | 961 | 455 5 | 159 149 10 | 146 | 186 | 447 5 | 176 116 60 | 60 M- 10 M=50 M=0.20 mm |
| | 320 | 926 | | 20 | 321 | 012 | | 120 | π PETERSON |
| | | | | | | | | -20 | |
| | + | | | | -0.40mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 320 | 972 | | | |
| | | | | | 320 | 926 | | | |
| | | | | | - | 046 | | | |
| | + | | | mm= "C" | | | | | |
| | / | | | | | | | | |
| | | | | | - | 0.004 mm= "C" | | | |
| | | | | | 100 / | 0.460 | | | |
| | | | | | | 400 | | | |

T=90

F.B. 4118 PG. 109

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

SURVEY BY Randall  WEATHER overcast  INST. NO 25234

NOTES BY "  DATE 24-Aug-71  TIME 10:50  ROD NO. 1713AB

INDEXED E. J. GALLI  DATE SEP 17 '71  NOTES CHKD ____  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 Right | Mic. | Left. | | Stadia | | FORESIGHT Right | Mic. | Left. | | Stadia | | DESCRIPTION AND REMARKS From ____ To ____ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DETERMINATION OF "C" | | | | | | | | | | | |
| | | NEAR ROD | | | | | | FAR ROD | | | | | |
| 1 | 148 | 778 | 449 | 5 | 153 / 143 | 10 | 167 | 640 | 468 | 5 | 195 / 135 | 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 145 | 429 | 446 | 5 | 150 / 140 | 10 | 126 | 602 | 427 | 5 | 156 / 96 | 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 294 | 207 | | | | 20 | 294 | 242 | | | | 120 | |
| | 294 | 202 | | | | | - | 0.40 mm | | | | -20 | |
| | + | 005 | | | | | -0. | mm | | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | | | 294 | 202 | | | | | T. Rodriquez |

.0050 mm= "C"

100 / 0.05

/ ____ 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 Randall WEATHER Clear INST. NO 25234

NOTES BY " DATE 26-Aug-71 TIME 08:20 ROD NO 1713A-B

INDEXED [redacted] J. GALLI DATE SEP 17 '71 NOTES CHKD DATE

T=80°

F.B. 4118 PG. 111

| 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 | 146 | 612 | 447 5 | 151 / 141 10 | 164 | 429 | 465 5 | 194 / 134 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 153 | 571 | 454 5 | 158 / 148 10 | 135 | 800 | 436 5 | 165 / 105 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 300 | 183 | | 20 | 300 | 229 | | 120 | |
| | | | | | | -0.40 mm | | -20 | |
| | + | | | | -0. mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 300 | 189 | | | |
| | | | | | 300 | 183 | | | ⊼ Rodriquez |
| | | | | | - | 006 | | | |

mm= "C"

.006 mm= "C"

100 / 0.06

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 96°

F.B. 4118 PG. 113

SURVEY BY Randall WEATHER Hazy INST. NO. 75234

NOTES BY Rodriguez DATE 16 Aug 71 TIME 13:25 ROD NO. 1713 HB

INDEXED J. GALLI DATE SEP 17 '71 NOTES CHKD LM DATE SEP 20 '71

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

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 Los Angeles County Engineering Bldg.

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 1-32 | | | | | | | | | FROM BM 1-32 TO BM 1-28A |
| 1 | 142 | 995 | 443 5 | 147 137 10 | 160 | 652 | 461 5 | 165 155 10 | BM 1-32 |
| | | | | | | | | | SanGabriel Blvd @ S. W. Cor |
| 2 | 42 | 407 | 343 5 | 67 17 50 | 181 | 851 | 482 5 | 205 157 48 | bridge over Rubio Wash |
| | | | | 60 | | | | 58 | F.B 3707-109 |
| 3 | 129 | 195 | 430 5 | 155 103 52 | 178 | 946 | 479 5 | 204 152 5 62 | ~~T Anderson~~ Peterson |
| | | | | 112 | | | | 110 | |
| 4 | 130 | 194 | 431 5 | 156 104 52 | 194 | 695 | 495 5 | 222 166 56 | |
| | | | | 164 | | | | 166 | |
| 5 | 120 | 738 | 421 5 | 141 99 42 | 227 | 527 | 528 5 | 248 206 42 | |
| | | | | 206 | | | | 208 | |
| | 128 | 052 | 429 5 | 135 121 14 | 197 | 369 | 498 5 | 203 191 12 | |
| | +693 | 581 | | 228 | 1141 | 040 | | 220 | |
| 7 | | | | | +693 | 581 | | 220 | |
| | | | | | -447 | 459 | | 440 | BM 1-28A |
| BM 1-28A | | | | | | | | | SanGabriel Blvd @ Angeleno |
| | | | | | | | | | F.B 3707-104 |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-28A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 1-28A TO BM 1-32 |
| 1 | 234 | 792 | 535 | 5 | ~~253~~ 215 | ~~38~~ ~~48~~ | 95 | 210 | 396 | 5 | ~~114~~ 76 | 38 | BM 1-28A |
| | | | | | | | | | | | | | San Gabriel Blvd. @ Angeleno |
| 2 | 205 | 845 | 506 | 5 | ~~237~~ 173 | 64 | 116 | 581 | 417 | 5 | ~~148~~ 84 | 64 | F.B. 3707-104 |
| | | | | | | 102 | | | | | | 102 | |
| 3 | 177 | 438 | 478 | 5 | ~~202~~ 152 | 50 | 147 | 970 | 448 | 5 | ~~172~~ 122 | 50 | ⊼ Peterson |
| | | | | | | 152 | | | | | | 152 | |
| 4 | 189 | 937 | 490 | 5 | ~~220~~ 158 | 62 | 19 | 063 | 320 | 5 | ~~49~~ 19 | 60 | |
| | | | | | | 214 | | | | | | 212 | |
| 5 | 169 | 878 | 470 | 5 | ~~182~~ 156 | ~~26~~ ~~27~~ | 151 | 816 | 452 | 5 | ~~166~~ 136 | 30 | BM 1-32 |
| + | 977 | 890 | | | | ~~236~~ | 530 | 640 | | | | 242 | San Gabriel C Rubio Wash |
| 1-32 - | 530 | 640 | | | | 240 | | | | | | ~~236~~ | F.B. 3707-109 |
| + | 447 | 250 | | | | | | | | | | 240 | |
| | | | | | | | | | | | | 482 | |

F.B. 4118 PG. 114 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 27-Aug-71

INDEXED C. J. GALLI DATE

WEATHER Clear-Calm INST. NO 75234

TIME 09:00 ROD NO 1713A-C

NOTES CHKD AM DATE SEP 20

T=80°

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-32 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 1-32 TO BM 1-28A |
| 1 | 141 | 668 | 442 | 5 | 146 136 | 10 | 168 | 870 | 469 | 5 | 173 163 | 10 | BM 1-32 |
| | | | | | | | | | | | | | San Gabriel @ Rubio Wash |
| 2 | 47 | 629 | 348 | 5 | 70 24 | 46 | 184 | 414 | 485 | 5 | 206 162 | 44 | F.B. 3707-109 |
| | | | | | | 56 | | | | | | 54 | ⊼ Peterson |
| 3 | 132 | 559 | 433 | 5 | 161 103 | 58 | 178 | 573 | 479 | 5 | 206 150 | 56 | |
| | | | | | | 114 | | | | | | 110 | RERUN |
| 4 | 122 | 913 | 423 | 5 | 152 92 | 60 | 198 | 607 | 499 | 5 | 228 168 | 60 | |
| | | | | | | 174 | | | | | | 170 | |
| 5 | 102 | 415 | 403 | 5 | 125 79 | 46 | 250 | 696 | 551 | 5 | 275 225 | 50 | |
| | | | | | | 220 | | | | | | 220 | |
| 6 | 191 | 797 | 492 | 5 | 200 182 | 18 | 205 | 137 | 506 | 5 | 214 196 | 18 | BM 1-28A |
| + | 738 | 984 | | | | 238 | 1186 | 297 | | | | 238 | San Gabriel Blvd @ Angeleno |
| 1-28A | | | | | | + | 738 | 981 | | | | 238 | F.B. 3707-104 |
| | | | | | | - | 447 | 316 | | | | 476 | |

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

SURVEY BY Randall

NOTES BY " DATE 27-Aug-71

INDEXED C. J. GALLI DATE SEP 17 71

WEATHER Clear-Calm

TIME 10:30

NOTES CHKD AM

INST. NO 75234

ROD NO 1713A-B

DATE SEP 20 71

T= 92°

F.B. 4118 PG. 115

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. ____ ROD NO. ____ DATE ____

WEATHER ____ TIME ____ NOTES CHKD ____

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM ____ TO ____ |
| | | | | | | | | | See Preceding Pg. for Rerun |

JOB NO. 0301.02

F.B. 4118 PG. 116

SURVEY OF ____

SURVEY BY Rendell NOTES ____

INDEXED ____ 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 RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 1-28A | | | | | | | | | | | | | FROM BM-1-28A TO BM 1-27 |
| 1 | 88 | 670 | 389 | 5 | 113 / 63 | 50 | 251 | 007 | 552 | 5 | 276 / 226 | 50 | BM 1-28A |
| | | | | | | | | | | | | | SanGabriel Blvd @ Angeleno |
| 2 | 110 | 357 | 411 | 5 | 131 / 89 | 42 | 246 | 268 | 547 | 5 | 267 / 225 | 42 | AV |
| | | | | | | 92 | | | | | | 92 | F.B 1202-3&2 3707-104 |
| 3 | 100 | 059 | 401 | 5 | 120 / 80 | 40 | 245 | 465 | 546 | 5 | 264 / 226 | 42 | ~~Anderson~~ Peterson |
| | | | | | | 132 | | | | | | 134 | |
| 4 | 42 | 468 | 343 | 5 | 65 / 19 | 46 | 287 | 627 | 588 | 5 | 287 / 263 | 48 | |
| | | | | | | 178 | | | | | | 182 | |
| 5 | 63 | 920 | 364 | 5 | 87 / 39 | 48 | 201 | 951 | 502 | 5 | 223 / 179 | 44 | |
| | | | | | | 226 | | | | | | 226 | |
| | 107 | 928 | 408 | 5 | 130 / 84 | 46 | 193 | 361 | 494 | 5 | 217 / 169 | 48 | |
| | | | | | | 272 | | | | | | 274 | |
| 7 | 132 | 930 | 433 | 5 | 146 / 118 | 28 | 198 | 977 | 499 | 5 | 211 / 185 | 26 | |
| | + 646 | 332 | | | | 300 | 1624 | 656 | | | | 300 | |
| | | | | | | | + 646 | 332 | | | | 300 | |
| BM 1-27 | | | | | | | 978 | 324 | | | | 600 | BM 1-27 |
| | | | | | | | | | | | | | SanGabriel Blvd @ Mission Dr |
| | | | | | | | | | | | | | BM 1202-31 3707-109 |

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

SURVEY BY Randall WEATHER Haze & Hot INST. NO. 75234

NOTES BY Rodriguez DATE 16 Aug 71 TIME 14:10 ROD NO. 1713 AB

INDEXED [illegible] GALLI DATE SEP 17 71 NOTES CHKD. [illegible] DATE SEP 20 71

F.B. 4118 PG. 117

T=96°

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-27 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 1-27 TO BM 1-28A |
| 1 | 206 | 923 | 507 | 5 | 224 188 | 36 | 131 | 098 | 432 | 5 | 149 113 | 36 | BM. 1-27 |
| | | | | | | | | | | | | | Mission Dr. @ San Gabriel Blvd. |
| 2 | 187 | 094 | 488 | 5 | 217 157 | 60 | 86 | 710 | 387 | 5 | 115 57 | 58 | F.B. 1202-31 |
| | | | | | | 96 | | | | | | 94 | |
| 3 | 250 | 555 | 551 | 5 | 274 226 | 48 | 42 | 769 | 343 | 5 | 66 18 | 48 | ⊼ Peterson |
| | | | | | | 144 | | | | | | 142 | |
| 4 | 290 | 517 | 591 | 5 | 290 ½) 265 | 50 | 29 | 787 | 330 | 5 | 29 ½) 4 | 50 | |
| | | | | | | 194 | | | | | | 192 | |
| 5 | 247 | 063 | 548 | 5 | 274 220 | 54 | 59 | 188 | 360 | 5 | 86 32 | 54 | |
| | | | | | | 248 | | | | | | 246 | |
| 6 | 235 | 534 | 536 | 5 | 263 207 | 56 | 90 | 056 | 391 | 5 | 118 62 | 56 | BM 1-28A |
| | + 1417 | 686 | | | | 304 | 439 | 608 | | | | 302 | San Gabriel Blvd. @ Angelena |
| 1-28A | - 439 | 608 | | | | | | | | | | 304 | F.B 1202-3&2 |
| | + 978 | 078 | | | | | | | | | | 606 | 3707-104 |

F.B. 4118 PG. 118 JOB NO. 0301.02

SURVEY OF

SURVEY BY Rankin NOTES JGR 26-Aug-71

INDEXED B. J. GALL DATE

WEATHER Clear - Calm INST. NO. 7523C

TIME 14:45 ROD NO. 1713A-B

NOTES CHKD LM DATE SEP 20 '71

T = 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 | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-28A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 1-28A TO BM 1-27 |
| 1 | 77 | 562 | 378 | 5 | 106 48 | 58 | 230 | 569 | 531 | 5 | 258 202 | 56 | BM 1-28A |
| | | | | | | | | | | | | | San Gabriel Blvd. @ Angeleno |
| 2 | 20 | 586 | 321 | 5 | 48 ½) 20 | 56 | 239 | 250 | 540 | 5 | 267 211 | 56 | F.B. 3707-104 |
| | | | | | | 114 | | | | | | 112 | ⊼ Peterson |
| 3 | 47 | 378 | 348 | 5 | 73 21 | 52 | 281 | 464 | 582 | 5 | 281 ½ 257 | 48 | |
| | | | | | | 166 | | | | | | 160 | (160) |
| 4 | 21 | 337 | 322 | 5 | 49 ½) 21 | 56 | 241 | 097 | 542 | 5 | 272 210 | 62 | RERUN |
| | | | | | | 222 | | | | | | 222 | |
| 5 | 111 | 433 | 412 | 5 | 133 89 | 44 | 194 | 240 | 495 | 5 | 216 172 | 44 | |
| | | | | | | 266 | | | | | | 266 | |
| 6 | 135 | 026 | 436 | 5 | 150 120 | 30 | 204 | 877 | 505 | 5 | 219 189 | 30 | |
| + | 413 | 322 | | | | 296 | 1391 | 497 | | | | 296 | BM 1-27 |
| 1-27 | | | | | | + | 413 | 322 | | | | 296 | San Gabriel @ Mission Dr. ℄ Int. |
| | | | | | | - | 978 | 175 | | | | 592 | F.B. 1202-31 |

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

SURVEY BY Randall

NOTES BY " DATE 27-Aug-71

INDEXED E. J. GALLI DATE SEP 17 '71

WEATHER Clear-Calm INST. NO. 75234

TIME 11:00 ROD NO. 1713A-B

NOTES CHKD LM DATE SEP 20 '71

T= 960

F.B. 4118 PG. 119

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. ____ ROD NO. ____ DATE ____

WEATHER ____ TIME ____ NOTES CHKD ____

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM ____ TO ____ |
| | | | | | | | | | See preceding Pg. |
| | | | | | | | | | For Rerun |

F.B. 4118 PG. 120 JOB NO. 0301.02

SURVEY OF ____

SURVEY BY Arnold NOTES ____

INDEXED ____ 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-27 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 1-27 TO B.M. 19-1 |
| 1 | 150 | 445 | 451 | 5 | 180 120 | 60 | 175 | 770 | 476 | 5 | 205 145 | 60 | B.M. 1-27 |
| | | | | | | | | | | | | | San Gabriel Blvd. @ Mission Dr. ℄ Int. |
| 2 | 141 | 098 | 442 | 5 | 176 106 | 70 | 172 | 414 | 473 | 5 | 207 137 | 70 | F.B. 1202-31 |
| | | | | | | 130 | | | | | | 130 | |
| 3 | 205 | 138 | 506 | 5 | 219 191 | 28 | 168 | 153 | 469 | 5 | 181 155 | 26 | ⊼ Peterson |
| + | 496 | 681 | | | | 158 | 516 | 337 | | | | 156 | |
| 19-1 | | | | | | | 496 | 681 | | | | 158 | B.M. 19-1 |
| | | | | | | | 19 | 656 | | | | 314 | Mission Dr. @ Rubio Wash bridge |
| | | | | | | | | | | | | | F.B. 1383-6 |

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

SURVEY BY Randall WEATHER Clear-Calm INST. NO. 25234

NOTES BY " DATE 17-Aug-71 TIME 08:30 ROD NO. 1713A,B

INDEXED E. J. GALL DATE SEP 17 71 NOTES CHKD DATE SEP 20 71

T=82°

F.B. 4118 PG. 121

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 |
|---|---|---|---|---|---|---|---|---|---|
| 19-1 | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 19-1 TO BM 1-27 |
| 1 | 178 | 770 | 479 5 | 188 168 20 | 160 | 998 | 461 5 | 171 149 22 | B.M. 19-1 |
| | | | | | | | | | Mission Dr. @ Rubio Wash |
| 2 | 134 | 906 | 435 5 | 159 109 50 | 141 | 255 | 442 5 | 166 116 50 | F.B. 1383-6 |
| | | | | 70 | | | | 72 | ⊼ Peterson |
| 3 | 151 | 414 | 452 5 | 175 127 48 | 163 | 415 | 464 5 | 187 139 48 | |
| | | | | 118 | | | | 120 | |
| 4 | 159 | 717 | 460 5 | 174 144 30 | 127 | 885 | 428 5 | 141 113 28 | |
| | | | | 148 | | | | 148 | |
| 5 | 148 | 145 | 449 5 | 163 133 30 | 159 | 748 | 460 5 | 173 145 28 | B.M. 1-27 |
| + | 772 | 952 | | 178 | 753 | 301 | | 178 | Mission Dr. @ San Gabriel Blvd. |
| 1-27 - | 753 | 301 | | | | | | 178 | F.B. 1202-31 |
| + | 19 | 651 | | | | | | 354 | |

F.B. 4118 PG. 122 JOB NO. 0301.02

SURVEY OF

SURVEY BY [illegible] NOTES JGR 26-Aug-71

INDEXED J. GALLI DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 14:10 ROD NO. 1713A,B

NOTES CHKD LM DATE SEP 20 '71

T = 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.**

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

SURVEY BY Ramdsd WEATHER Clear - Calm INST. NO. 22234

NOTES BY " TIME 08:50 09:00 ROD NO. 171348

INDEXED J. GALLI DATE 17-Aug-71 NOTES CHKD. AM DATE SEP 20 '71

7= 82°

F.B. 4118 PG. 123

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-1 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 19-1 TO B.M. 19-2 |
| 1 | 170 | 752 | 471 | 5 | 187 159 | 22 | 189 | 503 | 490 | 5 | 199 179 | 20 | B.M. 19-1 |
| | | | | | | | | | | | | | Mission Dr. @ Rubio Wash |
| 2 | 130 | 788 | 431 | 5 | 159 101 | 58 | 139 | 942 | 440 | 5 | 168 110 | 58 | F.B. 1383-6 |
| | | | | | | 80 | | | | | | 78 | |
| 3 | 114 | 286 | 415 | 5 | 143 85 | 58 | 221 | 563 | 522 | 5 | 250 192 | 58 | X Peterson |
| | | | | | | 138 | | | | | | 136 | |
| 4 | 112 | 008 | 413 | 5 | 141 83 | 58 | 174 | 552 | 475 | 5 | 204 144 | 60 | |
| | | | | | | 196 | | | | | | 196 | |
| 5 | 131 | 895 | 432 | 5 | 160 102 | 58 | 171 | 796 | 472 | 5 | 200 142 | 58 | |
| | | | | | | 254 | | | | | | 254 | |
| 6 | 143 | 002 | 444 | 5 | 165 121 | 44 | 203 | 103 | 504 | 5 | 227 179 | 48 | B.M. 19-2 |
| | + 802 | 731 | | | | 298 | 1100 | 459 | | | | 302 | Mission Dr. @ Walnut Grove & Int. |
| 19-2 | | | | | | | + 802 | 731 | | | | 298 | F.B. 1383-7 |
| | | | | | | | 297 | 728 | | | | 600 | |

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 |
|---|---|---|---|---|---|---|---|---|---|
| 19-2 | | | | | | | | | FROM BM. 19-2 TO B.M. 19-1 |
| 1 | 218 | 355 | 519 5 | 252 184 68 | 164 | 279 | 465 5 | 198 130 68 | BM. 19-2 |
| | | | | | | | | | Mission Dr. @ Walnut Grove & Int. |
| 2 | 198 | 523 | 499 5 | 227 169 58 | 142 | 396 | 443 5 | 172 112 60 | F.B. 1383-7 |
| | | | | 126 | | | | 128 | |
| 3 | 185 | 571 | 486 5 | 209 161 48 | 89 | 636 | 390 5 | 113 65 48 | ⊼ Peterson |
| | | | | 174 | | | | 176 | |
| 4 | 214 | 147 | 515 5 | 243 185 58 | 139 | 625 | 440 5 | 168 110 58 | |
| | | | | 232 | | | | 234 | |
| 5 | 158 | 712 | 459 5 | 177 139 38 | 177 | 983 | 478 5 | 196 158 38 | |
| | | | | 270 | | | | 272 | |
| 6 | 195 | 903 | 496 5 | 208 182 26 | 159 | 907 | 460 5 | 172 146 26 | BM 19-1 |
| | +1171 | 21 | | 296 | 873 | 826 | | 298 | Mission Dr. @ Rubio Wash |
| 19-1 | -873 | 826 | | | | | | 296 | F.B. 1383-6 |
| | +297 | 385 | | | | | | 594 | |

F.B. 4118 PG. 124 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES SGR 26 Aug 71

INDEXED J. GALLI DATE

WEATHER Clear - calm INST. NO. 75234

TIME 13:30 ROD NO. 1713A-B

NOTES CHKD. LM DATE SEP 20 '71

T= 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.

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

SURVEY BY Randall
NOTES BY "
INDEXED J. GALLI
DATE 27-Aug-'71
DATE SEP 17 '71
WEATHER clear-Calm
TIME 11:45
NOTES CHKD RM
INST. NO. 75234
ROD NO. 1713-B
DATE SEP 20 '71
T = 96°
F.B. 4118
PG. 125

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-1 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-1 TO BM 19-2 |
| 1 | 173 | 734 | 474 | 5 | 183 163 | 20 | 203 | 647 | 504 | 5 | 213 193 | 20 | BM 19-1 |
| | | | | | | | | | | | | | Mission Dr. @ Rubio Wash |
| 2 | 124 | 975 | 425 | 5 | 156 92 | 64 | 120 | 553 | 421 | 5 | 152 88 | 64 | F.B 1383-6 |
| | | | | | | 84 | | | | | | 84 | |
| 3 | 98 | 198 | 399 | 5 | 123 73 | 50 | 210 | 365 | 511 | 5 | 235 185 | 50 | T Peterson |
| | | | | | | 134 | | | | | | 134 | |
| 4 | 105 | 519 | 406 | 5 | 135 75 | 60 | 192 | 457 | 493 | 5 | 222 162 | 60 | RERUN |
| | | | | | | 194 | | | | | | 194 | |
| 5 | 157 | 035 | 458 | 5 | 184 130 | 54 | 190 | 031 | 491 | 5 | 217 163 | 54 | |
| | | | | | | 248 | | | | | | 248 | |
| 6 | 160 | 937 | 461 | 5 | 184 136 | 48 | 200 | 868 | 501 | 5 | 223 177 | 46 | BM 19-2 |
| + | 820 | 398 | | | | 296 | 1117 | 921 | | | | 294 | Mission Dr. @ Walnut Grove El. |
| 19-2 | | | | | | + | 820 | 398 | | | | 296 | F.B 1383-7 |
| | | | | | | - | 297 | 523 | | | | 590 | |

F.B. 4118 PG. 126 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM ____ TO ____ |
| | | | | | | | | | See Preceding Pg. for Rerun |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-2 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-2 TO BM 19-2A |
| | | | | | | | | | | | | | BM 19-2 |
| 1 | 164 | 830 | 465 | 5 | 192 136 | 56 | 174 | 483 | 475 | 5 | 202 146 | 56 | Mission Dr. @ Walnut Grove ℄ Int. |
| | | | | | | | | | | | | | F.B. 1383-7 |
| 2 | 172 | 939 | 473 | 5 | 186 158 | 28 | 180 | 565 | 481 | 5 | 195 165 | 30 | ⊼ Peterson |
| + | 337 | 769 | | | | 84 | 355 | 048 | | | | 86 | |
| 19-2A | | | | | | | + 337 | 769 | | | | 84 | B.M. 19-2A |
| | | | | | | | - 17 | 279 | | | | 170 | Mission Dr. @ Bartlett N.W. Cor. |
| | | | | | | | | | | | | | F.B. 3712 |

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

SURVEY BY Randall

NOTES BY " DATE 17-Aug-71

INDEXED J. GALLI DATE SEP 17 71

WEATHER Clear-Calm

TIME 09:45

NOTES CHKD LM

INST. NO 75234

ROD NO. 1713A-E

DATE SEP 20 71

T = 84°

F.B. 4118 PG. 127

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-2A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-2A TO BM 19-2 |
| 1 | 184 | 863 | 485 | 5 | 214 154 | 60 | 134 | 773 | 435 | 5 | 164 104 | 60 | BM 19-2A |
| | | | | | | | | | | | | | Mission Dr. @ Bartlett |
| 2 | 150 | 733 | 451 | 5 | 164 136 | 28 | 183 | 631 | 484 | 5 | 198 168 | 30 | F.B. 3712-48 |
| + | 335 | 596 | | | | 88 | 318 | 404 | | | | 90 | ⊼ Peterson |
| 19-2 - | 318 | 404 | | | | | | | | | | 88 | |
| + | 17 | 192 | | | | | | | | | | 178 | BM 19-2 |
| | | | | | | | | | | | | | Mission Dr. @ Walnut Grove ℄ Int. |
| | | | | | | | | | | | | | F.B. 1383-7 |

T = 96°

WEATHER Clear - Calm INST. NO 75234

TIME 13:15 ROD NO D13A.E

NOTES CHKD LM DATE SEP 20 71

JOB NO. 030102

SURVEY OF

SURVEY BY Randall NOTES JGR 26-Aug-71

INDEXED J. GALLI DATE

4118 /28

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-2A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM.19-2A TO BM 19-3A |
| 1 | 103 | 212 | 404 | 5 | 142 64 | 78 | 207 | 221 | 508 | 5 | 246 168 | 78 | B.M. 19-2A |
| | | | | | | | | | | | | | Mission Dr. C Bartlett N.W. Cor. |
| 2 | 78 | 698 | 379 | 5 | 109 47 | 62 | 189 | 927 | 490 | 5 | 216 162 | 54 | F.B. 3712-48 |
| | | | | | | 140 | | | | | | 132 | |
| 3 | 43 | 180 | 344 | 5 | 71 15 | 56 | 186 | 895 | 487 | 5 | 219 153 | 66 | Ⅹ Anderson |
| | | | | | | 196 | | | | | | 198 | |
| 4 | 96 | 672 | 397 | 5 | 125 67 | 58 | 191 | 752 | 492 | 5 | 219 163 | 56 | |
| | | | | | | 254 | | | | | | 254 | |
| 5 | 68 | 548 | 369 | 5 | 98 38 | 60 | 196 | 467 | 497 | 5 | 229 163 | 66 | |
| | | | | | | 314 | | | | | | 320 | |
| 6 | 97 | 835 | 398 | 5 | 123 71 | 52 | 160 | 362 | 461 | 5 | 183 137 | 46 | |
| | | | | | | 366 | | | | | | 366 | BM. 19-3A |
| 7 | 142 | 970 | 443 | 5 | 148 136 | 12 | 141 | 048 | 442 | 5 | 147 135 | 12 | Mission Dr. C Rosemead N.W'ly Cor. |
| + | 631 | 115 | | | | 378 | 1273 | 672 | | | | 378 | F.B. 3712-49 |
| B.M. 19-3A | | | | | | | + 631 | 115 | | | | 378 | |
| | | | | | | | - 642 | 552 | | | | 756 | |

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

SURVEY BY Randall

NOTES BY " DATE 17-Aug-71

INDEXED J. GALLI DATE SEP 17 71

WEATHER Clear-Calm TIME 10:15

NOTES CHKD LM

INST. NO. 75234

ROD NO. 1713A-B

DATE SEP 20 71

F.B. 4118 PG. 129

7=86°

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 19-3A | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 19-3A TO BM 19-2A |
| 1 | 154 | 932 | 455 5 | 170 / 138 32 | 113 | 027 | 414 5 | 129 / 97 32 | BM 19-3A |
| | | | | | | | | | ROSEMEAD & MISSION N.W. COR |
| 2 | 166 | 588 | 467 5 | 186 / 146 40 | 108 | 495 | 409 5 | 130 / 86 44 | F.B. 3712-~~48~~ 49 |
| | | | | 72 | | | | 76 | |
| 3 | 200 | 650 | 501 5 | 231 / 169 62 | 67 | 270 | 368 5 | 96 / 38 58 | |
| | | | | 134 | | | | 134 | ⊼ ANDERSON |
| 4 | 200 | 645 | 501 5 | 230 / 170 60 | 92 | 292 | 393 5 | 121 / 63 58 | |
| | | | | 194 | | | | 192 | |
| 5 | 183 | 279 | 484 5 | 207 / 159 48 | 78 | 432 | 379 5 | 104 / 52 52 | |
| | | | | 242 | | | | 244 | |
| 6 | 213 | 203 | 514 5 | 246 / 180 66 | 93 | 175 | 394 5 | 127 / 59 68 | |
| | | | | 308 | | | | 312 | |
| 7 | 190 | 449 | 491 5 | 217 / 163 54 | 85 | 952 | 386 5 | 110 / 60 50 | |
| | | | | 362 | | | | 362 | |
| 8 | 117 | 150 | 418 5 | 133 / 101 32 | 145 | 630 | 446 5 | 161 / 129 32 | |
| + | 1426 | 894 | | 394 | 784 | 273 | | 394 | |
| - | 784 | 273 | | | | | | 394 | |
| BM 19-2A | 642 | 618 | | | | | | 788 | BM 19-2A |
| | | | | | | | | | MISSION RD & BARTLETT N.W. COR |
| | | | | | | | | | F.B. 3712-48 |

F.B. 4118 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-20-71

INDEXED J. GALLI DATE

T-88

WEATHER HAZY INST. NO. 75234

TIME 14:00 ROD NO. 1713N

NOTES CHKD LM DATE SEP 20 71

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=78
SURVEY BY RANDALL
NOTES BY PETERSON DATE 8-18-71 WEATHER HAZY
INDEXED E. J. GALLI DATE SEP 17 71 TIME 08:30 NOTES CHKD KM DATE SEP 20 71
F.B. 4118 PG. 131 INST. NO. 75234 ROD NO. 171348

| STATION | BACKSIGHT Right | Mic. | Left | | Stadia | FORESIGHT Right | Mic. | Left | | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 19-3A | | | | | | | | | | | FROM BM 19-3A TO BM 19-4 |
| 1 | 171 | 120 | 472 | 5 | 200 142 58 | 117 | 568 | 418 | 5 | 195 89 56 | BM 19-3A |
| | | | | | | | | | | | MISSION DR @ ROSEMEAD N.W.COR |
| 2 | 164 | 133 | 465 | 5 | 195 133 62 | 125 | 311 | 426 | 5 | 187 123 64 | F.B. 3712-49 |
| | | | | | 120 | | | | | 120 | |
| 3 | 142 | 510 | 443 | 5 | 163 121 42 | 153 | 510 | 454 | 5 | 174 132 42 | |
| | | | | | 162 | | | | | 162 | |
| 4 | 97 | 202 | 398 | 5 | 128 66 62 | 167 | 520 | 468 | 5 | 198 136 62 | T ANDERSON |
| | | | | | 324 | | | | | 324 | |
| 5 | 102 | 646 | 403 | 5 | 133 71 62 | 222 | 157 | 523 | 5 | 255 191 62 | |
| | | | | | 286 | | | | | 286 | |
| 6 | 54 | 342 | 355 | 5 | 84 24 60 | 180 | 730 | 481 | 5 | 211 149 62 | |
| | | | | | 346 | | | | | 348 | |
| 7 | 109 | 632 | 410 | 5 | 127 91 36 | 169 | 298 | 470 | 5 | 187 151 36 | |
| | | | | | 382 | | | | | 384 | |
| 8 | 121 | 493 | 422 | 5 | 131 111 20 | 168 | 250 | 469 | 5 | 178 158 20 | |
| + | 963 | 078 | | | 462 | 1304 | 344 | | | 404 | |
| | | | | | | - 963 | 078 | | | 402 | |
| | | | | | | 341 | 266 | | | 806 | |
| BM 19-4 | | | | | | | | | | | BM 19-4 |
| | | | | | | | | | | | LOWER AZUSA RD & ENCINITA AVE |
| | | | | | | | | | | | F.B. 3712-51 |

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.

INST. NO. 7523 ROD NO. 97 DATE SEP 20

WEATHER HAZY TIME 13:15 NOTES CHKD. DM

TC 86

JOB NO. 0 30/102 PG. /32 F.B. 4118

SURVEY OF L.A. Co. PHELPS AB USL NST

SURVEY BY BANDALL NOTES PETERSON 8-20-71

INDEXED B. J. GALLI DATE

| STATION | BACKSIGHT Right | Mic. | Left. | Stadia | FORESIGHT Right | Mic. | Left. | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM 19-4 | | | | | | | | | FROM BM 19-4 TO BM 19-3A |
| 1 | 202 | 722 | 503 5 | 220 184 36 | 112 | 913 | 413 5 | 130 94 36 | BM 19-4 |
| | | | | | | | | | LOWER AZUSA RD & ENCINITAS |
| 2 | 162 | 900 | 463 5 | 188 136 52 | 108 | 120 | 409 5 | 136 80 56 | F.B. 3712-51 |
| | | | | 88 | | | | 92 | |
| 3 | 245 | 122 | 546 5 | 275 215 60 | 69 | 001 | 370 5 | 98 40 58 | TANDERSON |
| | | | | 148 | | | | 150 | |
| 4 | 197 | 962 | 498 5 | 227 167 60 | 102 | 058 | 403 5 | 133 92 60 | |
| | | | | 208 | | | | 210 | |
| 5 | 173 | 702 | 474 5 | 207 139 68 | 173 | 510 | 474 5 | 207 139 68 | |
| | | | | 276 | | | | 278 | |
| 6 | 145 | 030 | 446 5 | 185 129 56 | 155 | 568 | 466 5 | 185 129 56 | |
| | | | | 332 | | | | 332 | |
| 7 | 116 | 954 | 417 5 | 186 126 60 | 160 | 058 | 461 5 | 188 128 60 | |
| | | | | 392 | | | | 392 | |
| 8 | 119 | 867 | 420 5 | 125 113 12 | 141 | 928 | 442 5 | 149 137 12 | |
| | + 1364 259 | | | 404 | 1023 | 156 | | 404 | |
| | - 1023 156 | | | | | | | 404 | |
| | + 341 103 | | | | | | | 808 | |
| BM 19-3A | | | | | | | | | BM 19-3A |
| | | | | | | | | | ROSEMEAD & OMISSION N. 10 COR |
| | | | | | | | | | F.B. 3712-49 |

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 19-4 | | | | | | | | | FROM BM 19-4 TO BM 19-4A |
| 1 | 192 | 145 | 493 5 | 217 167 50 | 86 | 002 | 387 5 | 109 63 46 | BM 19-4 |
| | | | | | | | | | LOWER AZUSA RD & ENCINITA AVE |
| 2 | 212 | 168 | 513 5 | 233 191 42 | 166 | 128 | 467 5 | 190 142 48 | F.B. 3712-51 |
| | | | | 92 | | | | 94 | |
| 3 | 211 | 041 | 512 5 | 224 198 26 | 113 | 920 | 414 5 | 125 101 24 | |
| | | | | 118 | | | | 118 | ⊼ ANDERSON |
| 4 | 150 | 692 | 451 5 | 158 142 16 | 137 | 599 | 438 5 | 145 129 16 | |
| | + 766 | 046 | | 134 | 503 | 649 | | 134 | |
| | - 503 | 649 | | | | | | 134 | |
| | + 262 | 397 | | | | | | 268 | |
| BM 19-4A | | | | | | | | | BM 19-4A |
| | | | | | | | | | LOWER AZUSA RD & FLOOD CONTROL CHAN. |
| | | | | | | | | | F.B. 3712-53 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET TE 78

SURVEY BY RANDALL

NOTES BY PETERSON DATE 8-18-71 WEATHER HAZY INST. NO. 75234

INDEXED J. GALLI DATE SEP 17 '71 TIME 09:15 ROD NO. 1713AC

NOTES CHKD LM DATE SEP 20 '71

F.B. 4118 PG. 133

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 19-4A | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 19-4A TO BM 19-4 |
| 1 | 108 | 863 | 409 5 | 141 75 66 | 151 | 860 | 452 5 | 184 118 66 | BM 19-4A |
| | | | | | | OK | OK | | LOWER AZUSA RD & FLOOD CONTROL CHANNEL |
| 2 98 54 | 76 | 553 | 377 5 | 98 54 44 | 219 | 520 | 520 5 | 243 195 48 | F.B. 3712-53 |
| | | | | 110 | | | | 114 | |
| 3 | 132 | 747 | 433 5 | 144 120 24 | 209 | 032 | 510 5 | 219 199 20 | J ANDERSON |
| | + 318 | 163 | | 134 | 580 | 412 | | 134 | |
| | | | | | + 318 | 163 | | 134 | |
| | | | | | - 262 | 249 | | 268 | |
| | | | | | | | | | BM 19-4 |
| BM 19-4 | | | | | | | | | LOWER AZUSA RD & ENCINITA C |
| | | | | | | | | | F.B. 3712-51 |

F.B. 4118 PG. 134 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-20-71

INDEXED J. GALLI DATE

T=84

WEATHER HAZY INST. NO. 75234

TIME 12:45 ROD NO. 17BA

NOTES CHKD LM DATE SEP 20 '71

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-5A | | | | | | | | | | | | | FROM BM 19-4A TO BM 19-5A |
| 1 | 134 | 175 | 435 | 5 | 142 126 | 16 | 131 | 502 | 432 | 5 | 139 123 | 16 | BM 19-4A |
| | | | | | | | | | | | | | Lower Azuza Rd. @ Flood Control Channel |
| 2 | 83 | 783 | 384 | 5 | 105 61 | 44 | 297 | 592 | 598 | 5 | 1/2) 297 274 | 46 | F.B. 3712-53 |
| | | | | | | 60 | | | | | | 62 | |
| 3 | 30 | 021 | 331 | 5 | 52 8 | 44 | 193 | 381 | 494 | 5 | 214 172 | 42 | ⊼ Peterson |
| | | | | | | 104 | | | | | | 104 | |
| 4 | 123 | 312 | 424 | 5 | 156 90 | 66 | 171 | 662 | 472 | 5 | 204 138 | 66 | |
| | | | | | | 170 | | | | | | 170 | |
| 5 | 118 | 492 | 419 | 5 | 154 82 | 72 | 147 | 770 | 448 | 5 | 182 112 | 70 | |
| | | | | | | 242 | | | | | | 240 | |
| 6 | 131 | 049 | 432 | 5 | 161 101 | 60 | 145 | 776 | 446 | 5 | 175 115 | 60 | |
| | | | | | | 302 | | | | | | 300 | |
| 7 | 129 | 702 | 430 | 5 | 146 112 | 34 | 153 | 099 | 454 | 5 | 169 137 | 32 | |
| | | | | | | 336 | | | | | | 332 | |
| 8 | 147 | 752 | 448 | 5 | 161 133 | 28 | 150 | 500 | 451 | 5 | 167 133 | 34 | 19-5A |
| 5A | 898 | 286 | | | | 364 | 1391 | 282 | | | | 366 | Lower Azuza Rd. @ Temple City Ave |
| BM 19-4A | | | | | | | 898 | 286 | | | | 364 | F.B. 3712-56 |
| | | | | | | | 492 | 996 | | | | 730 | |

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

SURVEY BY Randall

NOTES BY "

INDEXED L. J. GALLI

DATE 18-Aug-71

DATE SEP 17 '71

WEATHER Haze

TIME 09:35

NOTES CHKD LM

INST. NO. 75234

ROD NO. 1713A-B

DATE SEP 20 '71

T=80°

F.B. 4118 PG. 135

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-5A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM 19-5A TO BM 19-4A |
| 1 | 167 | 138 | 468 | 5 | 195 139 | 56 | 154 | 302 | 455 | 5 | 184 124 | 60 | BM 19-5A |
| 2 | 140 | 780 | 441 | 5 | 167 113 | 54 | 125 | 392 | 426 | 5 | 150 100 | 50 | Lower Azuza Rd. @ Temple City Blvd. F.B. 3712-56 |
| | | | | | | 110 | | | | | | 110 | |
| 3 | 148 | 420 | 449 | 5 | 178 118 | 60 | 130 | 031 | 431 | 5 | 160 100 | 60 | (60) |
| | | | | | | 170 | | | | | | 170 | |
| 4 | 156 | 530 | 457 | 5 | 185 127 | 58 | 123 | 352 | 424 | 5 | 153 93 | 60 | |
| | | | | | | 228 | | | | | | 230 | |
| 5 | 196 | 691 | 497 | 5 | 223 169 | 54 | 71 | 761 | 372 | 5 | 98 44 | 54 | |
| | | | | | | 282 | | | | | | 284 | |
| 6 | 210 | 088 | 511 | 5 | 225 195 | 30 | 48 | 463 | 349 | 5 | 64 32 | 32 | |
| | | | | | | 312 | | | | | | 316 | |
| 7 | 219 | 101 | 520 | 5 | 235 203 | 32 | 88 | 285 | 389 | 5 | 103 73 | 30 | |
| | | | | | | 344 | | | | | | 346 | |
| 8 | 125 | 370 | 426 | 5 | 130 120 | 10 | 129 | 342 | 430 | 5 | 134 124 | 10 | BM 19-4A |
| | +1364 | 118 | | | | 356 | 870 | 928 | | | | 356 | Lower Azuza Rd. @ Flood Control Bridge |
| BM. 19-4A | -870 | 928 | | | | | | | | | | 354 | F.B. 3712-53 |
| | +493 | 190 | | | | | | | | | | 710 | |

T=820

WEATHER Haze INST. NO. 75234

TIME 11:00 ROD NO. 1713A-C

NOTES CHKD. LM DATE 20 [illegible]

F.B. 4118 PG. 136 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 20-Aug-71

INDEXED [illegible]. 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.**

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M 19-5A | | | | | | | | | FROM B.M. 19-5A TO B.M. 19-5 |
| | | | | | | | | | B.M. 19-5A |
| | | | | | | | | | LOWER AZUSA RD & TEMPLE |
| | | | | | | | | | CITY BLVD. N.W. COR. |
| | | | | 178 | | | | 205 | F.B. 3712-56 |
| 1 | 170 | 492 | 471 5 | 163 14 | 198 | 019 | 499 5 | 191 14 | T = RODRIGUEZ |
| | | | | | | | | 14 | |
| B.M. 19-5 | | | | | | | | 28 | B.M. 19-5 |
| + | 170 | 492 | | | - 198 | 019 | | | LOWER AZUSA RD & TEMPLE |
| | | | | | + 170 | 492 | | | CITY BLVD. ℄ INT. |
| | | | | | - 27 | 527 | | | F.B. 3712-55 |

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

SURVEY BY V. RANDALL

NOTES BY R. ANDERSON DATE 18-AUG. '71

INDEXED J. GALLI DATE SEP 17 71

WEATHER CLEAR & CALM

TIME 10:35

NOTES CHKD RM

INST. NO. 75234

ROD NO. 1713 A&B

DATE SEP 20 '71

T ~ 88°

F.B. 4118 PG. 137

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-5 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-5 TO BM 19-5A |
| | | | | | | | | | | | | | B.M. 19-5 |
| | | | | | | | | | | | | | Lower Azuza @ Temple City Blvd & Int. |
| | | | | | 208 | | | | | | 181 | | F.B. 3712-55 |
| 1 | 200 | 902 | 501 | 5 | 192 | 16 | 173 | 400 | 474 | 5 | 165 | 16 | T Rodriguez |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | + 200 | 902 | | | | | - 173 | 400 | | | | 16 | |
| 19-5A | - 173 | 400 | | | | | | | | | | 32 | BM 19-5A |
| | + 27 | 502 | | | | | | | | | | | Lower Azuza @ Temple City Blvd. N.W. Cor. |
| | | | | | | | | | | | | | F.B. 3712-56 |

T: 92°

WEATHER Clear - Calm INST. NO. 73234

TIME 11:35 ROD NO. 1713A-B

NOTES CHKD. [illegible] DATE [illegible] 20[illegible]

JOB NO. 030102

SURVEY OF

SURVEY BY Rendall NOTES J.G.R. 26 · Aug. '71

INDEXED [illegible] J. GALLI DATE

F.B. 4118 Pg. 138

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-5 | | | | | | | | | | | | | FROM B.M. 19-5 TO B.M. 19-6 |
| 1 | 198 | 320 | 499 | 5 | 209 188 | 20 | 155 | 639 | 456 | 5 | 165 145 | 20 | B.M. 19-5 |
| | | | | | 174 | | | | | | 198 | | LOWER AZUSA RD. & TEMPLE |
| 2 | 152 | 740 | 453 | 5 | 130 | 44 | 176 | 230 | 477 | 5 | 154 | 44 | CITY BLVD. & INT. |
| | | | | | 156 | 64 | | | | | 234 | 64 | F.B. 3712-55 |
| 3 | 125 | 572 | 426 | 5 | 94 | 62 | 203 | 319 | 504 | 5 | 172 | 62 | |
| | | | | | 225 | 126 | | | | | 160 | 126 | T = RODRIGUEZ |
| 4 | 198 | 872 | 499 | 5 | 171 | 54 | 132 | 979 | 433 | 5 | 104 | 56 | |
| | | | | | 188 | 180 | 163 | | | | 187 | 182 | |
| 5 | 164 | 039 | 465 | 5 | 140 | 48 | ~~162~~ | 079 | 464 | 5 | 139 | 48 | |
| | | | | | 218 | 228 | | | | | 178 | 230 | |
| 6 | 191 | 072 | 492 | 5 | 164 | 54 | 150 | 742 | 451 | 5 | 122 | 56 | |
| | | | | | 212 | 282 | | | | | 146 | 286 | |
| 7 | 181 | 509 | 482 | 5 | 150 | 62 | 116 | 142 | 417 | 5 | 86 | 60 | |
| | 111 | | | | 132 | 344 | | | | | 200 | 346 | |
| 8 | ~~112~~ | 952 | 412 | 5 | 90 | 42 | 179 | 578 | 486 | 5 | 158 | 42 | |
| | | | | | 171 | 386 | | | | | 220 | 388 | |
| 9 | 154 | 599 | 455 | 5 | 137 | 34 | 203 | 028 | 504 | 5 | 186 | 34 | |
| | +1478 | 675 | | | | 420 | 1480 | 736 | | | | 422 | |
| B.M. 19-6 | | | | | | | +1478 | 675 | | | | 420 | B.M. 19-6 |
| | | | | | | | | 2061 | | | | 842 | LOWER AZUSA RD. & BALDWIN |
| | | | | | | | | | | | | | F.B. 3712-57 & INT. |

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

SURVEY BY J. RANDALL

NOTES BY P. ANDERSON DATE 18-AUG. '71

INDEXED J. GALLI DATE SEP 17 '71

WEATHER CLEAR & CALM TIME 10:45

NOTES CHKD DM DATE SEP 20 '71

INST. NO. 75234

ROD NO. 1713 A-8

F.B. 4118 PG. 139

T = 88°

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 |
|---|---|---|---|---|---|---|---|---|---|
| 19-6 | | | | | | | | | FROM BM19-6 TO BM 19-5 |
| 1 | ~~223~~ | ~~380~~ | ~~524~~ 5 | ~~246~~ ~~200~~ ~~46~~ | 147 | 302 | 448 5 | 170 ~~46~~ 124 ~~52~~ | BM 19-6 |
| | 223 | 340 | 524 5 | 246 200 46 | | | | | Lower Azuza Rd. @ Baldwin ℄ Int. |
| 2 | 183 | 970 | 484 5 | 270 156 54 | 181 | 251 | 482 5 | 209 153 56 | F.B. 3712-57 |
| | | | | 100 | | | | 102 | |
| 3 | 144 | 130 | 445 5 | 174 114 60 | 153 | 090 | 454 5 | 183 123 60 | |
| | | | | 160 | | | | 162 | ⊼ Rodriquez |
| 4 | 119 | 411 | 420 5 | 148 90 58 | 196 | 370 | 497 5 | 224 168 56 | |
| | | | | 218 | | | | 218 | |
| 5 | 146 | 200 | 447 5 | 173 119 54 | 174 | 079 | 475 5 | 202 146 56 | |
| | | | | 272 | | | | 274 | |
| 6 | 175 | 842 | 476 5 | 175 146 58 | 151 | 528 | 452 5 | 180 122 58 | |
| | | | | 330 | | | | 332 | |
| 7 | 195 | 399 | 496 5 | 225 165 60 | 140 | 792 | 441 5 | 167 113 54 | |
| | | | | 390 | | | | 386 | |
| 8 | 140 | 799 | ~~442~~ 441 5 | 148 132 16 | 182 | 731 | 483 5 | 192 172 20 | |
| | + 1329 | 09 ✓ | | 406 ✓ | 1327 | 143 ✓ | | 406 ✓ | B.M. 19-5 |
| 19-5 | - 1327 | 143 | | | | | | 406 | Lower Azuza @ Temple City Blvd ℄ Int |
| | + 1 | 948 ✓ | | | | | | 812 ✓ | F.B. 3712-55 |

F.B. 4118 PG. 140 JOB NO. 0301.02

SURVEY OF Randall NOTES JGR 26-Aug-71

SURVEY BY [illegible] DATE

INDEXED [illegible] J. GALL DATE

T = 900

WEATHER Clear-Calm INST. NO. 75234

TIME 10:50 ROD NO. 1713A-B

NOTES CHKD LM DATE SEP 20 '71

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-6 | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 19-6 TO B.M. 19-6B |
| | | | | | | | | | | | | | B.M. 19-6 |
| | | | | | | | | | | | | | LOWER AZUSA RD. & BALDWIN |
| | | | | | 176 | | | | | | 239 | | F.B. 3712-57 & INT. |
| 1 | 151 | 401 | 452 | 5 | 132 | 38 | 220 | 130 | 521 | 5 | 201 | 38 | T = RODRIGUEZ |
| | | | | | | | | | | | | 38 | |
| B.M. 19-6B | | | | | | | | | | | | 76 | B.M. 19-6B |
| + | 151 | 401 | | | | | - 220 | 130 | | | | | LOWER AZUSA RD & BALDWIN |
| | | | | | | | + 151 | 401 | | | | | F.B. 3712-67 S.E. COR. |
| | | | | | | | - 68 | 729 | | | | | |

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 18-AUG. '71

INDEXED J. GALLI DATE SEP 17 '71

WEATHER CLEAR & CALM TIME 11:45

NOTES CHKD LM

INST. NO. 75234

ROD NO. 1713 A&B

DATE SEP 20 '71

T = 880

F.B. 4118 PG. 141

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-6B | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-6B TO BM 19-6 |
| | | | | | | | | | | | | | B.M 19-6B |
| | | | | | | | | | | | | | Lower Azuza @ Baldwin |
| | | | | | 227 | | | | | | 159 | | F.B. 3712-67 |
| 1 | 210 | 802 | 511 | 5 | 193 | 34 | 142 | 028 | 443 | 5 | 125 | 34 | ⊼ Rodriquez |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| + | 210 | 802 | | | | | 142 | 028 | | | | 34 | |
| 19-6 - | 142 | 028 | | | | | | | | | | 68 | BM 19-6 |
| + | 68 | 774 | | | | | | | | | | | Lower Azuza @ Baldwin ℄ Int. |
| | | | | | | | | | | | | | F.B. 3712-57 |

T= 90°

WEATHER Clear-Calm INST. NO 7523

TIME 10:40 ROD NO 713A.E

NOTES CHKD LM DATE SEP 20 '71

F.B. 4118 PG. 142 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 26-Aug-71

INDEXED 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 J. RANDALL
NOTES BY R. ANDERSON DATE 18-AUG. '71 WEATHER CLEAR & COOL INST. NO. 76234
INDEXED J. GALLI DATE SEP 17 '71 TIME 13:30 ROD NO. 1713 A&B
NOTES CHKD. RM DATE SEP 20 '71
F.B. 4118 PG. 143
T = 940

| STATION | BACKSIGHT Right | Mic. | Left. | | Stadia | | FORESIGHT Right | Mic. | Left. | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-6B | | | | | | | | | | | | | FROM B.M. 19-6B TO B.M. 19-6D |
| 1 | 252 | 870 | 553 | 5 | 281 / 223 | 58 | 206 | 492 | 507 | 5 | 232 / 180 | 52 | B.M. 19-6B |
| | | | | | 77 | | | | | | 211 | | LOWER AZUSA RD. & BALDWIN AVE. |
| 2 | 47 | 650 | 348 | 5 | 17 | 60 | 178 | 678 | 479 | 5 | 145 | 66 | F.B. 3712-67 S.E. COR. |
| | | | | | 222 | 118 | | | | | 220 | 118 | |
| 3 | 196 | 761 | 497 | 5 | 170 | 52 | 193 | 251 | 494 | 5 | 166 | 54 | |
| | | | | | 153 | 170 | | | | | 212 | 172 | |
| 4 | 123 | 710 | 424 | 5 | 93 | 60 | 185 | 782 | 486 | 5 | 153 | 64 | |
| | | | | | 177 | 230 | | | | | 172 | 236 | T = RODRIGUEZ |
| 5 | 153 | 540 | 454 | 5 | 129 | 48 | 151 | 389 | 452 | 5 | 130 | 42 | |
| | | | | | 176 | 278 | | | | | 172 | 278 | |
| 6 | 164 | 612 | 465 | 5 | 152 | 24 | 161 | 902 | 462 | | 150 | 22 | |
| | + 938 | 643 | | | | 302 | 1077 | 494 | | | | 300 | |
| B.M. 19-6D | | | | | | | - 938 | 643 | | | | 302 | B.M. 19-6D |
| | | | | | | | 138 | 851 | | | | 602 | LOWER AZUSA RD. & ARDEN |
| | | | | | | | | | | | | | F.B. 3712-60 |

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 | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-6D | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-6D TO BM 19-6B |
| 1 | 170 | 729 | 471 | 5 | 194 146 | 48 | 150 | 130 | 451 | 5 | 114 126 | 48 | BM 19-6D |
| | | | | | | | | | | | | | Lower Azuza Rd. @ Arden |
| 2 | 179 | 549 | 480 | 5 | 212 146 | 66 | 114 | 708 | 415 | 5 | 148 80 | 68 | F.B. 3712-60 |
| | | | | | | 114 | | | | | | 116 | |
| 3 | 167 | 050 | 468 | 5 | 199 135 | 64 | 199 | 079 | 500 | 5 | 231 167 | 64 | |
| | | | | | | 178 | | | | | | 180 | ⊼ Rodriquez |
| 4 | ~~199~~ | ~~079~~ | ~~500~~ | ~~5~~ | ~~231 167~~ | ~~64~~ | | | | | | | |
| 4 | 200 | 318 | 501 | 5 | 226 174 | 52 | 97 | 272 | 398 | 5 | 124 70 | 54 | |
| | | | | | | 230 | | | | | | 234 | |
| 5 | 185 | 930 | 486 | 5 | 206 164 | 42 | 111 | 541 | 412 | 5 | 130 92 | 42 (38) | |
| | | | | | | 272 | | | | | | 272 (272) | |
| 6 | 115 | 719 | 416 | 5 | 129 101 | 28 | 207 | 828 | 508 | 5 | 222 192 | 30 | |
| + | 1019 | 295 | | | | 300 | 880 | 558 | | | | 302 | BM 19-6B |
| 19-6B − | 880 | 558 | | | | | | | | | | 300 | Lower Azuza Rd @ Baldwin |
| + | 138 | 737 | | | | | | | | | | 602 | F.B. 3712-67 |

T = 88°

F.B. 4118 PG. 144 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randan NOTES JGR 26-Aug-71

INDEXED J. GALLI DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 10:10 ROD NO. 713A.E

NOTES CHKD LM DATE 7-20-

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 94°

F.B. 4118 PG. 145

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 18- AUG. '71 TIME 14:00 ROD NO. 1713 A&B

INDEXED [redacted]. J. GALLI DATE [redacted] 1 7 71 NOTES CHKD LM DATE SEP 20 71

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. 19-6D TO B.M. 19-6A |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-6D | | | | | | | | | B.M. 19-6D |
| | | | | | | | | | LOWER AZUSA RD. & ARDEN |
| | | | | 193 | 167 | | | 176 | F.B. 3712-60 N. W. COR. |
| 1 | 184 562 | 485 5 | 175 18 | | ~~169~~ 540 | 468 5 | 158 18 | | T = RODRIGUEZ |
| | | | | | | | | 18 | |
| B.M. 19-6A | | | | | | | | 36 | B.M. 19-6A |
| + | ~~184 562~~ | | | | ~~169 540~~ | | | | LOWER AZUSA RD. & ARDEN (2) |
| - | ~~169 540~~ | | | | 167 540 | | | | F.B. 3712-59 |
| + | ~~15 022~~ | | | | | | | | |
| + | 184 562 | | | | | | | | |
| - | 167 540 | | | | | | | | |
| + | 17 022 | | | | | | | | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-6A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-6A TO BM 19-6D |
| | | | | | | | | | | | | | BM 19-6A |
| | | | | | | | | | | | | | Lower Azuza Rd. @ Arden ℄ |
| | | | | | 176 | | | | | | 193 | | F.B. 3712-59 |
| 1 | 166 | 011 | 467 | 5 | 156 | 20 | 183 | 062 | 484 | 5 | 173 | 20 | ⊼ Rodriquez |
| | | | | | | | | | | | | | |
| + | 166 | 011 | | | | - | 183 | 062 | | | | 20 | BM. 19-6D |
| | | | | | | + | 166 | 011 | | | | 40 | Lower Azuza Rd. @ Arden North Side |
| 19-6D | | | | | | - | 17 | 051 | | | | | F.B. 3712-60 |

T=920

F.B. 4118 PG. 146 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR

INDEXED J. J. GALLI DATE

WEATHER Haze INST. NO. 75236

TIME ROD NO. 173A

NOTES CHKD LM DATE SEP 20

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 J. R. ANDERSON WEATHER CLEAR & CALM
NOTES BY R. J. GALLI DATE 18-AUG. 171 TIME 14:10 INST. NO. 752239
INDEXED DATE SEP 12 71 NOTES CHKD. JM DATE SEP 20 71 ROD NO. 1713A08
T = 940
F.B. 4118 Pg. 147

| STATION | BACKSIGHT Right | Mic. | Left. | | Stadia | | FORESIGHT Right | Mic. | Left. | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-6A | | | | | | | | | | | | | FROM B.M. 19-6A TO B.M. 19-7B |
| 1 | 136 | 789 | 437 | 5 | 163 | | 190 | 000 | 491 | 5 | 216 | | B.M. 19-6A |
| | | | | | 109 | 54 | | | | | 164 | 52 | |
| | | | | | 186 | | | | | | 189 | | LOWER AZUSA RD. & ARDEN |
| 2 | 159 | 882 | 460 | 5 | 122 | 54 | 161 | 401 | 462 | 5 | 133 | 56 | F.B. 3712-59 (8) |
| | | | | | 171 | 108 | | | | | 204 | 108 | |
| 3 | 145 | 722 | 446 | 5 | 119 | 52 | 176 | 769 | 477 | 5 | 148 | 56 | |
| | | | | | 196 | 160 | | | | | 208 | 164 | |
| 4 | 169 | 669 | 470 | 5 | 142 | 54 | 184 | 599 | 485 | 5 | 160 | 48 | T = RODRIGUEZ |
| | | | | | 198 | 214 | 181 | 478 | 482 | 5 | 215 | 212 | 216 |
| 5 | 171 | 212 | 472 | 5 | 144 | 54 | ~~182~~ | ~~678~~ | ~~483~~ | ~~5~~ | 149 | 58 | 155 |
| | | | | | 168 | 268 | | | | | 204 | 270 | |
| 6 | 146 | 872 | 447 | 5 | 124 | 44 | 181 | 101 | 482 | 5 | 158 | 46 | |
| | | | | | 188 | 312 | | | | | 194 | 316 | |
| 7 | 171 | 352 | 472 | 5 | 154 | 34 | 179 | 858 | 480 | 5 | 164 | 30 | |
| | | | | | 262 | 346 | | | | | 253 | 346 | |
| 8 | 249 | 060 | 550 | 5 | 236 | 26 | 240 | 951 | 541 | 5 | 226 | 26 | |
| | + 1350 | 558 | | | | 372 | 1496 | 157 | | | | 372 | |
| B.M. 19-7B | | | | | | | + 1350 | 558 | | | | 372 | B.M. 19-7B |
| | | | | | | | - 145 | 599 | | | | 744 | LOWER AZUSA RD & EL MONTE |
| | | | | | | | | | | | | | F.B. 3712-61 S.W. COR. |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-7B | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-7B TO BM 19-6A |
| 1 | 157 | 529 | 458 | 5 | 182 / 1342 | 50 / 48 | 151 | 070 | 452 | 5 | 176 / 126 | 50 | BM. 19-7B |
| | | | | | 227 | | | | | | 158 | | Lower Azuza Rd. @ El Monte S.W. Cor. |
| 2 | 192 | 140 | 493 | 5 | 157 | 70 | 123 | 672 | 424 | 5 | 88 | 70 | F.B. 3712-61 |
| | | | | | 179 | 120 | | | | | 180 | 120 | |
| 3 | 144 | 262 | 445 | 5 | 109 | 70 | 145 | 718 | 446 | 5 | 110 | 70 | ⊼ Rodriquez |
| | | | | | 199 | 190 | | | | | 178 | 190 | |
| 4 | 169 | 252 | 470 | 5 | 139 | 60 | 148 | 590 | 449 | 5 | 118 | 60 | |
| | | | | | 209 | 250 | | | | | 177 | 250 | |
| 5 | 174 | 292 | 475 | 5 | 139 | 70 | 142 | 311 | 443 | 5 | 107 | 70 | |
| | | | | | 177 | 320 | | | | | 158 | 320 | |
| 6 | 165 | 370 | 466 | 5 | 153 | 24 | 146 | 159 | 447 | 5 | 134 | 24 | B.M. 19-6A |
| + | 1002 | 845 | | | | 344 | 857 | 520 | | | | 344 | Lower Azuza Rd. @ Arden ℄ |
| 19-6A - | 857 | 520 | | | | | | | | | | 344 | F.B. 3712-59 |
| + | 145 | 325 | | | | | | | | | | 688 | |

T = 90°

F.B. 4118 PG. 148 JOB NO. 030102

SURVEY OF Precise Level Net

SURVEY BY Randall NOTES 24-Aug-71

INDEXED [redacted] J. GALL DATE

WEATHER over cast INST. NO. 75234

TIME 11:15 ROD NO. 171341

NOTES CHKD dm DATE [redacted] 20[redacted]

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-6A | 33 RIGHT | 3 MIC. | LEFT. | | STADIA | | 42 RIGHT | 43 MIC. | LEFT. | | STADIA | | FROM B.M. 19-6A TO B.M. 19-7B |
| 1 | 144 | 449 | 445 | 5 | 156 132 | 24 | 164 | 298 | 465 | 5 | 176 152 | 24 | BM 19-6A |
| | | | | | | | | | | | 184 | | Lower Azuza Rd. @ Arden ℄ |
| 2 | 123 | 350 | 424 | 5 | 150 96 | 54 | 157 | 952 | 458 | 5 | 130 | 54 | F.B. 3712-59 |
| | | | | | | 78 | | | | | 194 | 78 | |
| 3 | 156 | 762 | 457 | 5 | 184 128 | 56 | 167 | 409 | 468 | 5 | 140 | 54 | ⊼ Rodriquez |
| | | | | | | 134 | | | | | | 132 | |
| 4 | 133 | 620 | 434 | 5 | 166 100 | 66 | 167 | 190 | 468 | 5 | 200 134 | 66 | |
| | | | | | | 200 | | | | | | 198 | RERUN |
| 5 | 157 | 032 | 458 | 5 | 184 130 | 54 | 144 | 192 | 445 | 5 | 171 117 | 54 | |
| | | | | | | 254 | | | | | | 252 | |
| 6 | 123 | 760 | 424 | 5 | 156 90 | 66 | 185 | 688 | 486 | 5 | 218 152 | 66 | |
| | | | | | | 320 | | | | | | 318 | |
| 7 | 161 | 129 | 462 | 5 | 176 146 | 30 | 159 | 002 | 460 | 5 | 176 142 | 34 | BM 19-7B |
| + | 1000 | 102 | | | | 350 | 1145 | 731 | | | | 352 | Lower Azuza @ El Monte S.W. Cor |
| 19-7B | | | | | | | + 1000 | 102 | | | | 350 | F.B. 3712-61 |
| | | | | | | | - 145 | 629 | | | | 702 | |

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

SURVEY BY Randall

NOTES BY "

INDEXED J. GALLI

DATE 26-Aug-71

DATE SEP 17 71

WEATHER Clear

TIME 08:25

NOTES CHKD LM

INST. NO. 75234

ROD NO. 1713A-B

DATE SEP 20 71

T=80°

F.B. 4118 PG. 149

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19-7B | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 19-7B TO B.M. 19-6A |
| 1 | 159 | 871 | 460 | 5 | 176 142 | 34 | 160 | 368 | 461 | 5 | 176 144 | 32 | B.M. 19-7B |
| | | | | | | | | | | | | | Lower Azuza Rd. @ El Monte |
| 2 | 169 | 919 | 470 | 5 | 198 140 | 58 | 150 | 578 | 451 | 5 | 178 122 | 56 | F.B. 3712-~~60~~ 61 |
| | | | | | | 92 | | | | | | 88 | |
| 3 | 172 | 341 | 473 | 5 | 199 145 | 54 | 152 | 462 | 453 | 5 | 181 123 | 58 | ⊼ Rodriquez |
| | | | | | | 146 | | | | | | 146 | |
| 4 | 188 | 812 | 489 | 5 | 217 159 | 58 | 148 | 409 | 449 | 5 | 176 120 | 56 | |
| | | | | | | 204 | | | | | | 202 | |
| 5 | 153 | 038 | 454 | 5 | 180 126 | 54 | 157 | 072 | 458 | 5 | 184 130 | 54 | |
| | | | | | | 258 | | | | | | 256 | |
| 6 | 189 | 061 | 490 | 5 | 216 162 | 54 | 143 | 472 | 444 | 5 | 170 116 | 54 | |
| | | | | | | 312 | | | | | | 310 | |
| 7 | 160 | 040 | 461 | 5 | 172 148 | 24 | 147 | 920 | 448 | 5 | 160 134 | 26 | |
| | } Note | | | | | 336 | | | | | | 336 | |
| 8 | 160 | 770 | 461 | 5 | 166 154 | 12 | 148 | 068 | 449 | 5 | 154 142 | 12 | B.M. 19-6A |
| | + 1353 | 852 | | | | 348 | 1208 | 349 | | | | 348 | Lower Azuza @ Arden ℄ |
| 19-6A | - 1208 | 349 | | | | | | | | | | 348 | F.B 3712-59 |
| | + 145 | 503 | | | | | | | | | | 6396 | |

T=80°

WEATHER Clear INST. NO 75230

TIME 09:05 ROD NO. 1713A-E

NOTES CHKD DM DATE SEP 20 '71

F.B. 4118 PG. 150 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 26-Aug-71

INDEXED 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.**

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-7B | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM B.M. 19-7B TO B.M. 19-7A |
| 1 | 153 | 520 | 454 5 | 180 126 54 | 184 | 392 | 485 5 | 211 157 54 | BM 19-7B |
| | | | | | | | | | LOWER AZUSA Rd @ EL |
| 2 | 138 | 921 | 439 5 | 162 114 48 | 174 | 445 | 475 5 | 198 150 48 | MONTE SE COR |
| | | | | 102 | | | | 102 | F.B. 3712-61 |
| 3 | 171 | 722 | 472 5 | 200 142 58 | 80 | 484 | 381 5 | 109 51 58 | ⊼ PETERSON |
| | | | | 160 | | | | 148 84 160 | |
| 4 | 272 | 680 | 573 5 | 1/2 272 240 64 | 116 | 198 | 417 5 | ~~124~~ ~~148~~ 64 | |
| | + 736 | 843 | | 224 | 555 | 519 | | 224 | |
| | - 555 | 519 | | | | | | 224 | |
| BM 19-7A | + 181 | 324 | | | | | | 448 | BM 19-7A |
| | | | | | | | | | LOWER AZUSA Rd @ Flood |
| | | | | | | | | | CONTROL Bridge (62-128) |
| | | | | | | | | | F.B. 3712-63 |

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

SURVEY BY J. RANDALL

NOTES BY RODRIGUEZ DATE 18 AUG 71

INDEXED C. J. GALLI DATE SEP 17 '71

WEATHER HOT HAZY

TIME 15:10

NOTES CHKD AM

INST. NO. 75234

ROD NO. 1713 A06

DATE SEP 20 '71

T=92°

F.B. 4118 Pg. 151

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM19-7A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM19-7A TO BM19-7B |
| 1 | 111 | 801 | 412 | 5 | 146 111 | 70 | 290 | 380 | 591 | 5 | 290 257 | 66 | BM19-7A |
| | | | | | | | | | | | | | LOWER AZUSA Rd @ |
| 2 | 117 | 472 | 418 | 5 | 138 96 | 42 | 208 | 611 | 509 | 5 | 231 185 | 46 | Bridge of Flood Control |
| | | | | | | 112 | | | | | | 112 | (62-128) |
| 3 | 186 | 117 | 487 | 5 | 218 154 | 64 | 126 | 147 | 427 | 5 | 157 95 | 62 | F-B 3712-63 |
| | | | | | | 156 | | | | | | 174 | ⊼ PETERSON |
| 4 | 167 | 071 | 468 | 5 | 197 137 | 60 | 138 | 660 | 439 | 5 | 169 107 | 62 | |
| | +582 | 461 | | | | 236 | 763 | 798 | | | | 236 | |
| | | | | | | | +582 | 461 | | | | 236 | |
| BM19-7B | | | | | | | -181 | 337 | | | | 472 | BM 19-7B |
| | | | | | | | | | | | | | LOWER AZUSA Rd |
| | | | | | | | | | | | | | @ EL MONTE S.E. COR |
| | | | | | | | | | | | | | F.B 3712-61 |

F.B. 4118 PG. 152 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 20 Aug 71

INDEXED J. GALLI DATE

WEATHER Hazy T-80° INST. NO. 75234

TIME 10:15 ROD NO. 713 A B

NOTES CHKD LM DATE 20 [illegible]

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM19-7A | | | | | | | | | FROM BM19-7A TO BM19-8A |
| 1 | 144 | 989 | 445 5 | 178 / 110 68 | 127 | 250 | 428 5 | 161 / 93 68 | BM19-7A |
| | | | | | | | | | LOWER AZUSA Rd @ |
| 2 | 241 | 364 | 542 5 | 270 / 212 58 | 104 | 507 | 405 5 | 133 / 75 58 | FLOOD CONTROL bridge |
| | | | | 126 | | | | 126 | (62-128) |
| 3 | 197 | 133 | 498 5 | 216 / 178 38 | 120 | 701 | 421 5 | 139 / 101 38 | F.B 3712-63 |
| | | | | 164 | | | | 164 | ⊼ PETERSON |
| 4 | 151 | 297 | 452 5 | 176 / 126 50 | 135 | 758 | 436 5 | 161 / 109 52 | |
| | + 734 | 783 | | 214 | 488 | 216 | | 216 | |
| | - 488 | 216 | | | | | | 214 | |
| BM19-8A | + 246 | 567 | | | | | | 430 | BM19-8A |
| | | | | | | | | | LOWER AZUA Rd @ Tyler |
| | | | | | | | | | (~~STE~~ SANTA ANITA) N.E. COR |
| | | | | | | | | | F.B 3712-66 |

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

SURVEY BY Randall

NOTES BY RODRIGUEZ DATE 19 AUG 71

INDEXED J. GALLI DATE SEP 17 71

WEATHER OVERCAST

TIME 8:30

NOTES CHKD BM

INST. NO. 75234

ROD NO. 1713 AB

DATE SEP 20 71

F.B. 4118 PG. 153

T=70

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 19-8A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 19-8A TO BM 19-7A |
| 1 | 158 | 453 | 459 | 5 | 185 131 | 54 | 170 | 418 | 471 | 5 | 197 143 | 54 | BM 19-8A |
| | | | | | | | | | | | | | LOWER AZUSA Rd @ |
| 2 | 101 | 349 | 402 | 5 | 228 174 | 54 | 213 | 611 | 514 | 5 | 238 188 | 50 | SANTA ANITA |
| | | | | | | 108 | | | | | | 104 | F.B. 3712-66 |
| 3 | 90 | 480 | 391 | 5 | 117 63 | 54 | 209 | 946 | 510 | 5 | 237 181 | 56 | π PETERSON |
| | 142 | 906 | 443 | 5 | 169 115 | 162 | | | | | | 160 | |
| 4 | ~~209~~ | ~~946~~ | ~~510~~ | ~~5~~ | ~~237~~ ~~181~~ | ~~54~~ | 145 | 587 | 446 | 5 | 173 117 | 56 | |
| | | | | | | 216 | | | | | | 216 | |
| | + 493 | 188 | | | | | - 739 | 562 | | | | 216 | |
| BM 19-7A | | | | | | | + 493 | 188 | | | | 432 | BM 19-7A |
| | | | | | | | - 246 | 374 | | | | | LOWER AZSUA Rd |
| | | | | | | | | | | | | | @ Flood CONTROL bridge |
| | | | | | | | | | | | | | (62-128) |
| | | | | | | | | | | | | | F.B. 3712-63 |

T = 88°

WEATHER Hot-Hazy INST. NO. 75204

TIME 15:00 ROD NO. 1713 HB

NOTES CHKD RM DATE SEP 20 [illegible]

F.B. 4118 PG. 154 JOB NO. 0301.02

SURVEY OF L.A.CO PRECISE LEVEL NET

SURVEY BY Randall NOTES RODRIGUEZ 19 AUG 71

INDEXED [illegible] 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 Rodrodd 11 DATE 19-Aug-71 WEATHER Cloudy overcast INST. NO. 73234

NOTES BY " TIME 0905 ROD NO. 171343

INDEXED J. GALM DATE SEP 17 71 NOTES CHKD DATE SEP 20 71

F.B. 4118 PG. 155

T=92°

| STATION | BACKSIGHT Right | Mic. | Left | | Stadia | | FORESIGHT Right | Mic. | Left | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 19-8 | | | | | | | | | | | | | From BM 19-8A To BM 15-4 |
| 1 | 151 | 396 | 452 | 5 | 180 122 | 58 | 133 | 456 | 434 | 5 | 162 104 | 58 | BM 19-8A |
| | | | | | | | | | | | | | Lower Azusa Rd. @ Tyler (Santa Anita) |
| 2 | 153 | 392 | 454 | 5 | 182 124 | 58 | 145 | 303 | 446 | 5 | 174 116 | 58 | F.B. 3712-65 |
| | | | | | 202 | 116 | | | | | 197 | 116 | |
| 3 | 171 | 873 | 472 | 5 | 140 | 68 | 167 | 052 | 468 | 5 | 137 | 60 | X Peterson |
| | | | | | 215 | 178 | | | | | 198 | 176 | |
| 4 | 185 | 280 | 486 | 5 | 155 | 60 | 167 | 202 | 468 | 5 | 136 | 62 | |
| | | | | | 200 | 238 | | | | | 168 | 238 | |
| 5 | 169 | 989 | 470 | 5 | 138 | 62 | 137 | 731 | 438 | 5 | 106 | 68 | |
| | | | | | 193 | 300 | | | | | 181 | 300 | |
| 6 | 161 | 653 | 462 | 5 | 129 | 64 | 149 | 467 | 450 | 5 | 117 | 64 | |
| | | | | | 190 | 364 | | | | | 183 | 364 | |
| 7 | 173 | 890 | 474 | 5 | 153 | 40 | 163 | 228 | 464 | 5 | 143 | 40 | |
| | | | | | 225 | 404 | | | | | 191 | 404 | |
| 8 | 194 | 154 | 495 | 5 | 163 | 62 | 159 | 446 | 460 | 5 | 127 | 64 | |
| | | | | | 195 | 466 | | | | | 155 | 468 | |
| 9 | 175 | 843 | 476 | 5 | 155 | 40 | 135 | 031 | 436 | 5 | 115 | 40 | |
| | | | | | 171 | 506 | | | | | 185 | 508 | |
| 10 | 151 | 897 | 452 | 5 | 131 | 40 | 166 | 098 | 467 | 5 | 147 | 38 | BM 15-4 |
| + | 1689 | 367 | | | | 546 | 1524 | 014 | | | | 546 | Lower Azusa @ Peck Rd. |
| BM 15-4 - | 1524 | 014 | | | | | | | | | | 546 | F.B 3709-195 |
| + | 165 | 353 | | | | | | | | | | 1092 | |

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. 25236 ROD NO. 17134-6 DATE 20

WEATHER Hazy TIME 8:45 NOTES CHKD CM

T = 680

SURVEY OF Bond SURVEY BY Bond NOTES SGE 20-Aug-71 INDEXED R. J. GALLI DATE

JOB NO. 0301.02 PG. 156 4118

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15-4 | | | | | | | | | | | | | FROM BM 15-4 TO BM 19-8A |
| 1 | 178 | 185 | 479 | 5 | 150 | 56 | 183 | 989 | 484 | 5 | 154 | 58 | BM 15-4 |
| | | | | | | | | | | | 198 | | Lower Azuza Ave. Rd. @ Peck Rd. |
| 2 | 146 | 528 | 447 | 5 | 174 118 | 56 | 169 | 007 | 470 | 5 | 140 | 58 | F.B. 3709-195 |
| | | | | | 180 | 112 | | | | | 218 | 116 | |
| 3 | 150 | 261 | 451 | 5 | 120 | 60 | 190 | 716 | 491 | 5 | 162 | 56 | A Peterson |
| | | | | | | 172 | | | | | 180 | 172 | |
| 4 | 137 | 283 | 438 | 5 | 167 107 | 60 | 150 | 300 | 451 | 5 | 120 | 60 | |
| | | | | | 182 | 232 | | | | | 202 | 232 | |
| 5 | 153 | 698 | 454 | 5 | 124 | 58 | 171 | 467 | 472 | 5 | 142 | 58 | |
| | | | | | 174 | 290 | | | | | 188 | 290 | |
| 6 | 141 | 905 | 442 | 5 | 108 | 66 | 156 | 241 | 457 | 5 | 124 | 64 | |
| | | | | | 176 | 356 | | | | | 192 | 354 | |
| 7 | 147 | 247 | 448 | 5 | 118 | 58 | 164 | 475 | 465 | 5 | 136 | 56 | |
| | | | | | 179 | 414 | | | | | 192 | 410 | |
| 8 | 151 | 641 | 452 | 5 | 123 | 56 | 161 | 193 | 462 | 5 | 130 | 62 | |
| | | | | | 175 | 470 | | | | | 192 | 472 | |
| 9 | 143 | 910 | 444 | 5 | 111 | 64 | 160 | 110 | 461 | 5 | 128 | 64 | |
| | | | | | 148 | 534 | | | | | 156 | 536 | |
| 10 | 142 | 567 | 443 | 5 | 136 | 12 | 150 | 859 | 451 | 5 | 144 | 12 | 19-8A |
| | +1493 | 225 | | | | 548 | 1658 | 357 | | | | 548 | Lower Azuza @ Tyler (Santa Anita) |
| 19-8A | | | | | | | -1493 | 225 | | | | | F.B. 3712-65 |
| | | | | | | | 165 | 132 | | | | 546 | |
| | | | | | | | | | | | | 1094 | |

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 |
|---|---|---|---|---|---|---|---|---|---|
| 15-4 | | | | | | | | | FROM B.M. 15-4 TO B.M. 15-4D |
| | | | | | | | | | B.M. 15-4 |
| | | | | | | | | | Lower Azuza Rd. @ Peck SE. Cor. |
| 1 | 200 | 202 | 501 5 | 212 188 24 | 156 | 528 | 457 5 | 168 144 24 | F.B. 3709-195 |
| | | | | | | | | | |
| | | | | | | | | | ⊼ Peterson |
| + | 200 | 202 | | | 156 | 528 | | 24 | |
| 15-4D - | 156 | 528 | | | | | | 48 | B.M. 15-4D |
| + | 43 | 674 | | | | | | | Lower Azuza Rd. @ Peck Rd. N.E. Cor. |
| | | | | | | | | | F.B. 3709- |
| | | | | | | | | | See line 15 for F.B. Ref. |

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

SURVEY BY Randall

NOTES BY " DATE 24-Aug-71

INDEXED L. J. GAILL DATE SEP 17 71

WEATHER overcast

TIME 13:25

NOTES CHKD LM

INST. NO 75234

ROD NO 1713A.B

DATE SEP 20 71

T=900

F.B. 4118 PG. 157

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15-4D | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 15-4D TO B.M. 15-4 |
| | | | | | | | | | | | | | B.M. 15-4D |
| | | | | | | | | | | | | | Peck Rd. @ Lower Azuza |
| | | | | | 162 | | | | | | 206 | | F.B. |
| 1 | 150 | 781 | 451 | 5 | 138 | 24 | 194 | 480 | 495 | 5 | 182 | 24 | T Peterson |
| | + 150 | 781 | | | | | - 194 | 480 | | | | | |
| | | | | | | | + 150 | 781 | | | | | |
| 15-4 | | | | | | | - 43 | 699 | | | | 24 | BM 15-4 |
| | | | | | | | | | | | | 48 | Lower Azuza Rd. @ Peck Rd. |
| | | | | | | | | | | | | | F.B. 3709-195 |

T=86°

WEATHER overcast INST. NO. 75236

TIME 14:30 ROD NO. 1713A-1

NOTES CHKD DM DATE SEP 20 '71

F.B. 4118 PG. 158 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 24-Aug-71

INDEXED 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 Randall DATE 24-Aug-71 WEATHER overcast INST. NO 75234

NOTES BY " TIME 13:35 ROD NO. 173AB

INDEXED J. GAIU DATE SEP 17 71 NOTES CHKD RM DATE SEP 20 71

F.B. 4118 Pg. 159

T = 90°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 15-4D | | | | | | | | | FROM B.M. 15-4D TO BM 15-4A |
| 1 | 193 | 721 | 494 5 | 224 162 62 | 150 | 837 | 451 5 | 181 119 62 | BM. 15-4D |
| | | | | | | | | | Lower Azuza @ Peck N.E. Cor. |
| 2 | 184 | 270 | 485 5 | 214 154 60 | 111 | 199 | 412 5 | 142 80 62 | F.B. 3709- |
| | | | | 122 | | | | 124 | See line 15 for F.B. Ref. |
| 3 | 170 | 581 | 471 5 | 196 144 52 | 106 | 835 | 407 5 | 133 79 54 | ⊼ Peterson |
| | | | | 174 | | | | 178 | |
| 4 | 147 | 008 | 448 5 | 18[illegible] 114 66 | 127 | 911 | 428 5 | 158 96 62 | |
| + | 695 | 580 | | 240 | 496 | 782 | | 240 | B.M. 15-4A |
| 15-~~5~~ 4A - | 496 | 782 | | | | | | 240 | Peck Rd @ Cherry Lee Dr. S.E. Cor. |
| + | 198 | 798 | | | | | | 480 | F.B. 3709-197 |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15-4A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 15-4A TO B.M. 15-4D |
| 1 | 134 | 169 | 435 | 5 | 165 103 | 62 | 153 | 287 | 454 | 5 | 184 122 | 62 | B.M. 15-4A |
| | | | | | | | | | | | | | Peck Rd. @ Cherry Lee Dr. |
| 2 | 103 | 731 | 404 | 5 | 125 81 | 44 | 156 | 079 | 457 | 5 | 178 134 | 44 | F.B. 3709-197 |
| | | | | | | 106 | | | | | | 106 | |
| 3 | 127 | 271 | 428 | 5 | 154 100 | 54 | 179 | 960 | 480 | 5 | 206 152 | 54 | ⊼ Peterson |
| | | | | | | 160 | | | | | | 160 | |
| 4 | 145 | 087 | 446 | 5 | 175 115 | 60 | 183 | 242 | 484 | 5 | 214 152 | 62 | |
| | | | | | | 220 | | | | | | 222 | |
| 5 | 138 | 765 | 439 | 5 | 153 123 | 30 | 175 | 198 | 476 | 5 | 189 161 | 28 | BM 15-4D |
| + | 649 | 023 | | | | 250 | 847 | 766 | | | | 250 | Peck Rd. @ Lower Azuza Rd. |
| 15-4D | | | | | | | + 649 | 023 | | | | 250 | F.B. 3709 - |
| | | | | | | | - 198 | 743 | | | | 500 | |

T= 920

F.B. 4118 PG. 160 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES JGR 24-Aug-71

INDEXED J. GALLI DATE

WEATHER Overcast INST. NO. 7523

TIME 14:00 ROD NO. 1713A.1

NOTES CHKD. DM DATE SEP 20 71

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

TC 82

F.B. 4118 PG. 161

SURVEY BY RANDALL WEATHER HAZY INST. NO. 75234

NOTES BY PETERSON DATE 8-19-71 TIME 11:15 ROD NO. 1713AB

INDEXED C. J. GALLI DATE SEP 17 '71 NOTES CHKD LM DATE SEP 20 '71

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

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 15-4A TO BM 15-4B |
|---|---|---|---|---|---|---|---|---|---|
| BM 15-4A | | | | | | | | | BM 15-4A |
| 1 | 128 | 456 | 429 S | 141 115 26 | 113 | 398 | 414 S | 126 100 26 | PECK RD & CHERRYLEE SE COR |
| | | | | | | | | 26 | F.B. 3709-197 |
| | | | | | | | | 52 | |
| | + 128 | 456 | | | - 113 | 398 | | | ⊼ ANDERSON |
| | - 113 | 398 | | | | | | | |
| BM 15-4B + | 15 | 058 | | | | | | | BM 15-4B |
| | | | | | | | | | PECK RD & CHERRYLEE SE COR |
| | | | | | | | | | F.B. 3709-199 |

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 15-4B | | | | | | | | | FROM BM 15-4B TO BM 15-4A |
| | | | | | | | | | BM 15-4B |
| | | | | | | | | | PECK RD & CHERRYLEE |
| 1 | 118 | 945 | 419 5 | 131 105 26 | 133 | 959 | 434 5 | 146 120 26 | FB 3079-199 |
| | | | | | | | | 26 | |
| | | | | | | | | 52 | ⊼ ANDERSON |
| | + 118 | 945 | | | 133 | 959 | | | |
| BM 15-4A | | | | | + 118 | 945 | | | BM 15-4A |
| | | | | | - 15 | 014 | | | PECK RD & CHERRYLEE |
| | | | | | | | | | FB. 3079-197 |

F.B. 4118 PG. 162 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY B. HAMAL NOTES PETERSON 8-19-71

INDEXED J. GALLI DATE

T=92

WEATHER HAZY INST. NO. 75234

TIME 14:00 ROD NO. 171348

NOTES CHKD RM DATE SEP 20 71

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 15-4B | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 15-4B TO BM 15-4C |
| | | | | | | | | | | | | | BM 15-4B |
| | | | | | | | | | | | | | PECK RD & CHERRYLEE S.E. COR |
| 1 | 126 | 690 | 427 | 5 | 133 119 | 14 | 106 | 242 | 407 | 5 | 113 99 | 14 | F.B. 3709-199 |
| | | | | | | | | | | | | 14 | |
| | | | | | | | | | | | | 28 | ANDERSON |
| | ~~126~~ | ~~96~~ | | | | | 106 | 242 | | | | | |
| | + 126 | 690 | | | | | | | | | | | BM 15-4C |
| | - 106 | 242 | | | | | | | | | | | PECK RD & CHERRYLEE |
| | + 20 | 448 | | | | | | | | | | | F.B. 3709-199 |

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 8-19-71

INDEXED J. GALLI DATE SEP 17 '71

WEATHER HAZY

TIME 1120

NOTES CHKD LM

INST. NO 75231

ROD NO 1713AB

DATE SEP 20 '71

T= 82

F.B. 4118 PG. 163

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 BM 15-4C TO BM 15-4B |
| BM15-4C | | | | | | | | | | | | | BM15-4C |
| / | 111 | 800 | 412 | 5 | 118 104 | 14 | 132 | 262 | 433 | 5 | 139 125 | 14 | PECK RD & CHERRYLEE |
| | | | | | | | | | | | | 14 | FB. 3079-199 |
| | | | | | | | | | | | | 28 | |
| + | 111 | 800 | | | | | - 132 | 262 | | | | | ANDERSON |
| | | | | | | | + 111 | 800 | | | | | |
| | | | | | | | - 20 | 462 | | | | | BM 15-4B |
| BM 15-4B | | | | | | | | | | | | | PECK RD & CHERRYLEE |
| | | | | | | | | | | | | | F.B. 3079-199 |

F.B. 4118 PG. 164 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-19-71

INDEXED J. J. GALLI DATE

WEATHER HAZY T= INST. NO. 75234

TIME ROD NO. 1713 B

NOTES CHKD DM DATE SEP 20 '71

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 15-4C | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 15-4C TO BM 15-5A |
| 1 | 139 | 912 | 440 5 | 164 / 114 50 | 116 | 152 | 417 5 | 141 / 91 50 | BM 15-4C |
| | | | | | | | | | PECK RD & CHERRYLEE |
| 2 | 155 | 712 | 456 5 | 179 / 131 48 | 112 | 142 | 413 5 | 136 / 88 48 | F.B. 3709-199 |
| | | | | 98 | | | | 98 | |
| 3 | 156 | 308 | 457 5 | 187 / 125 62 | 115 | 450 | 416 5 | 146 / 84 62 | |
| | | | | 160 | | | | 160 | ⊼ ANDERSON |
| 4 | 162 | 735 | 463 5 | 195 / 129 66 | 205 | 599 | 506 5 | 238 / 172 66 | |
| | | | | 226 | | | | 226 | |
| 5 | 48 | 532 | 349 5 | 75 / 31 54 | 172 | 883 | 473 5 | 199 / 145 54 | |
| | | | | 280 | | | | 280 | |
| 6 | 129 | 402 | 430 5 | 139 / 119 20 | 150 | 302 | 451 5 | 160 / 140 20 | |
| | + 792 | 601 | | 300 | 872 | 528 | | 300 | |
| | | | | | + 792 | 601 | | 300 | |
| | | | | | 79 | 927 | | 600 | |
| BM 15-5A | | | | | | | | | BM 15-5A |
| | | | | | | | | | PECK RD & McBEAN ℄ INT |
| | | | | | | | | | F.B. 3709-201 |

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 8-19-71

INDEXED J. GALLI DATE [illegible] 17 71

WEATHER HAZY

TIME 11:30

NOTES CHKD. [illegible]

INST. NO. 75234

ROD NO. 4/13AB

DATE SEP 20 71

F.B. 4118 PG. 165

4=82

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM15-5A | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM15-5A TO BM15-4C |
| 1 | 171 | 220 | 472 5 | 196 / 146 50 | 86 | 535 | 387 5 | 111 / 61 50 | BM15-5A |
| | | | | | | | | | PECK RD & McBEAN ℄ INT |
| 2 | 268 | 767 | 569 5 | 228 (1/2) / 232 70 | 155 | 637 | 456 5 | 187 / 123 64 | F.B. 3709-201 |
| | | | | 120 | | | | 114 | |
| 3 | 127 | 598 | 428 5 | 156 / 98 58 | 168 | 952 | 469 5 | 200 / 136 64 | ⊼ ANDERSON |
| | | | | 178 | | | | 178 | |
| 4 | 132 | 763 | 433 5 | 162 / 102 60 | 175 | 733 | 476 5 | 205 / 145 60 | |
| | | | | 238 | | | | 238 | |
| 5 | 113 | 868 | 414 5 | 136 / 90 46 | 149 | 472 | 450 5 | 172 / 126 46 | |
| | | | | 284 | | | | 284 | |
| 6 | 136 | 242 | 437 5 | 142 / 130 12 | 134 | 172 | 435 5 | 140 / 128 12 | |
| | + 950 | 458 | | 296 | - 870 | 501 | | 296 | |
| | - 870 | 501 | | | | | | 296 | |
| | + 79 | 957 | | | | | | 592 | |
| BM15-4C | | | | | | | | | BM 15-4C |
| | | | | | | | | | PECK RD & CHERYLEE |
| | | | | | | | | | F.B. 3079-199 |

F.B. 4118 PG. 166 JOB NO. 0301102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 8-19-71

INDEXED J. GALLI DATE

T=94 HAZE

WEATHER 13:20

TIME

NOTES CHKD LM

INST. NO. 75231

ROD NO. 1713N

DATE 8-20-71

| | | |
|---|---|---|
| Notes Ck'd by | Survey of L.A.C. Precise Level Net | F. B. 4118 PG. 189 |
| Map No. | JN0301.02 Tape — Std — °F | |
| Office Work | Surveyed by Randall | |
| Checked | Notes " Date Sep. '71 | |
| Date | Indexed C. L. GALLI OCT 4 '71 | |

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

Do not extend this side of this line.

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

LOS

ANGELES

COUNTY

PRECISE

LEVEL

NET

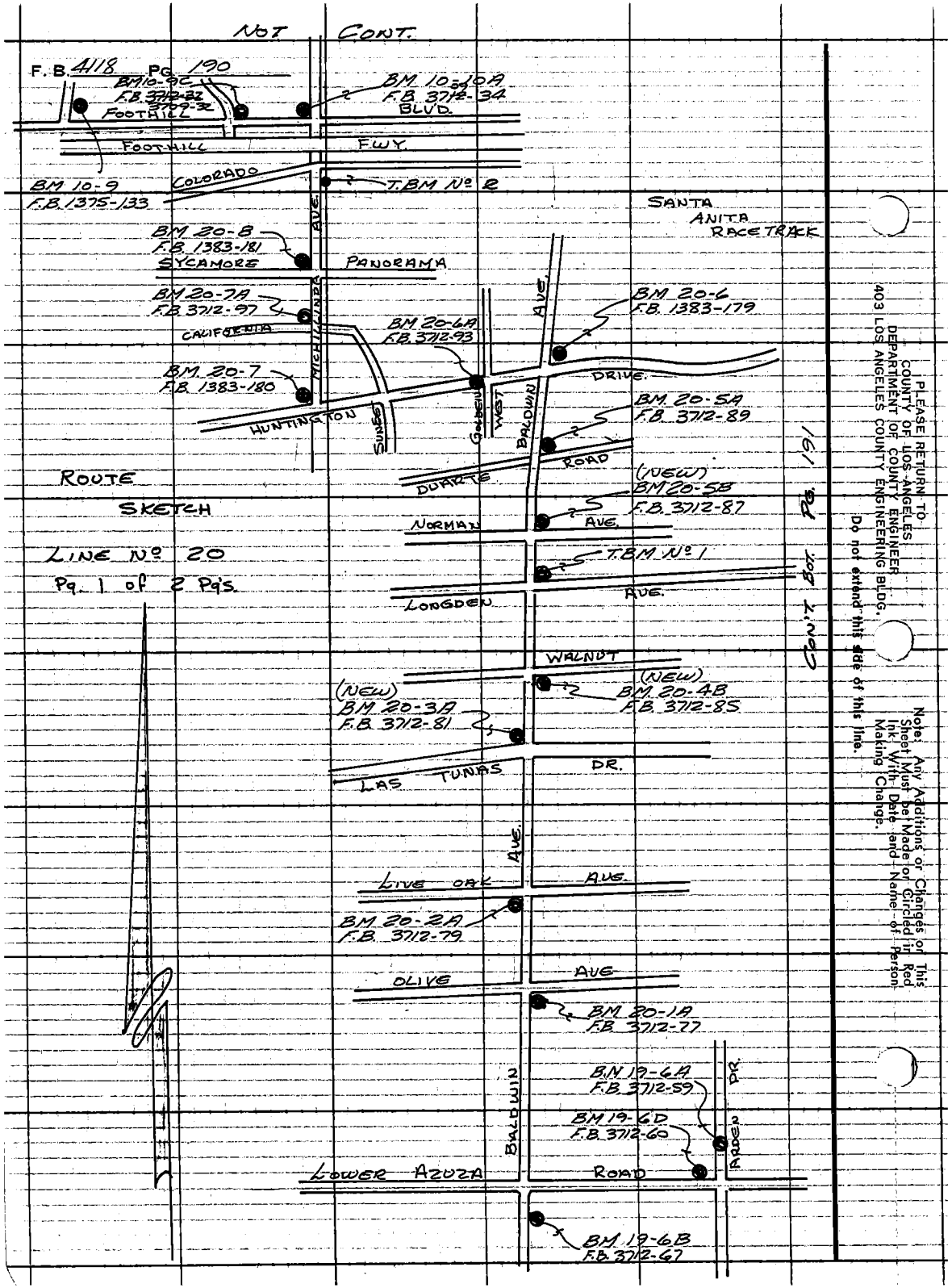
LINE Nº 20

JN 0301.02

SEP ~ 1971

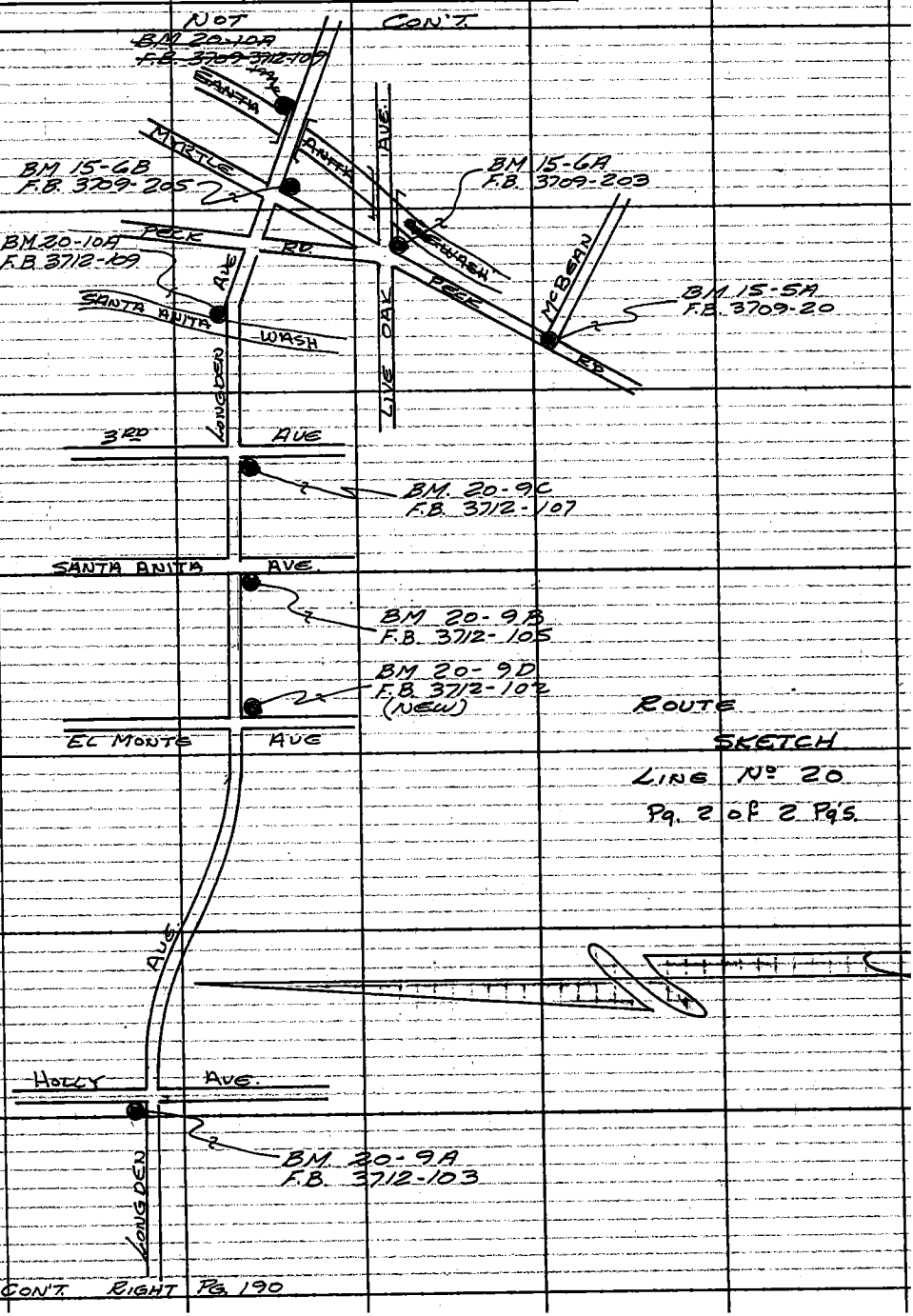
| REFERENCES | | PARTY |
|---|---|---|
| F.B | 1383 | RANDALL |
| | 3709 | ANDERSON |
| | 3712 | PETERSON, T.C |
| | | RODRIGUEZ, R.J. |
| | | LOVE |

76F309S CE#310 3-69


NOT CONT.
F.B. 4118 PG. 190
BM 10-9C
F.B. 3712-32
3709-32
FOOTHILL
BM 10-10A
F.B. 3712-34
BLVD.
FOOTHILL
FWY.
COLORADO
BM 10-9
F.B. 1375-133
T.BM No 2
SANTA ANITA RACETRACK
BM 20-8
F.B. 1383-181
SYCAMORE
PANORAMA
AVE.
BM 20-7A
F.B. 3712-97
CALIFORNIA
MICHILLINDA
BM 20-6A
F.B. 3712-93
BM 20-6
F.B. 1383-179
AVE.
BM 20-7
F.B. 1383-180
HUNTINGTON
SUNSET
GOLDEN
WEST
BALDWIN
DRIVE.
BM 20-5A
F.B. 3712-89
ROAD
DUARTE
(NEW)
BM 20-5B
F.B. 3712-87
NORMAN
AVE.
T.BM No 1
LONGDEN
AVE.
WALNUT
(NEW)
BM 20-4B
F.B. 3712-85
(NEW)
BM 20-3A
F.B. 3712-81
LAS TUNAS
DR.
AVE.
LIVE OAK
AVE.
BM 20-2A
F.B. 3712-79
OLIVE
AVE
BM 20-1A
F.B. 3712-77
BM 19-6A
F.B. 3712-59
BM 19-6D
F.B. 3712-60
BALDWIN
ARDEN
DR.
LOWER AZUZA
ROAD
BM 19-6B
F.B. 3712-67
ROUTE
SKETCH
LINE No 20
Pg. 1 of 2 Pg's.
CON'T. BOT. PG. 191
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

| | |
|---|---|
| Notes Ck'd by | Survey of L.A.Co. Precise Level Net |
| Map No. | JN 030102 Tape — Std — °F |
| Office Work | Surveyed by Randall |
| Checked | Notes " Date Sep-71 |
| Date | Indexed OCT 4 '71 |

F. B. 4118 PG. 191




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

Do not extend this side of this line.

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

16F309S CE#310 3-69

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.**

| 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 | 192 | 443 5 | 147 / 137 10 | 87 | 872 | 388 5 | 117 / 57 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 154 | 100 | 455 5 | 159 / 149 10 | 208 | 471 | 509 5 | 208 / 178(½) 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 296 | 292 | | 20 | 296 | 343 | | 120 | |
| | + | | | | -0.40mm | | | -20 | |
| | | | | | | | | 1.00 | Curvature Corr.=0.40 mm |
| | | | | | 296 | 303 | | | |
| | | | | | 296 | 292 | | | |
| | | | | | - 0 | 011 | | | |
| | | | | | | | | | T = RODRIGUEZ |
| | | | | mm= "C" | | | | | |
| | | | | | - 0.001 mm= "C" | | | | |
| | | | | | 100 | 0.110 | | | |

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 14 - SEPT '71 TIME 08:26 WEATHER CLEAR & CALM INST. NO. 75234 ROD NO. 1713A&B

INDEXED E. J. GALLI DATE OCT 4 '71 NOTES CHKD. DATE

T = 78°

F.B. 4118 PG. 193

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 PETERSON RANDALL DATE 9-15-71 WEATHER HAZY
NOTES BY TIME 08:05 INST. NO. 75234
INDEXED J. GALLI DATE 4-71 NOTES CHKD DATE ROD NO. 27138
F.B. 4118 Pg. 195
T= 72

| 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 | 150 | 232 | 451 5 | 135 145 10 | 218 | 058 | 519 5 | 248 188 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 123 | 360 | 424 5 | 128 118 10 | 55 | 723 | 356 5 | 85 25 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 273 | 592 | | 20 | 273 | 781 | | 120 | |
| | + | | | | | | | 20 | Curvature Corr.=0.40 mm |
| | | | | | -0.40 mm | | | | |
| | | | | | 273 | 741 | | 100 | |
| | | | | | 273 | 592 | | | |
| | | | | | - 0 | 149 | | | T ANDERSON |
| | | | | mm= "C" | | | | | |
| | | | | | | .015 mm = "C" | | | |
| | | | | | 100 / | 1.49 | | | |

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 ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 153 | 580 | 454 5 | 158 ~~148~~ 10 | 81 | 674 | 382 5 | 111 51 60 | 60 M- 10 ~~50~~ M= 50 M=0.20 mm |
| 2 | 170 | 112 | 471 5 ~~175~~ ~~165~~ | 175 165 10 | 242 | 137 | 543 5 | 222 212 60 | 60 M- 10 ~~50~~ M= 50 M=0.20 mm |
| | 323 | 692 | | 20 | 323 | 811 | | 120 | |
| | | | | | | | | -20 | |
| | + | | | | -0.40mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 323 | 771 | | | ⊼ PETERSON |
| | | | | | 323 | 692 | | | |
| | | | | | - | 0.79 | | | |
| | + | | | mm= "C" | | | | | |
| | / | | | | | | | | |
| | | | | | - | 0.008 | | mm= "C" | |
| | | | | | 100/ | 0.79 | | | |

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

SURVEY BY Randall WEATHER overcast INST. NO 75234

NOTES BY RODRIGUEZ DATE 16 SEPT 71 TIME 14:00 ROD NO. 1713 AB

INDEXED C. J. GALLI DATE 4 71 NOTES CHKD DATE

T-76

F.B. 4118 PG. 197

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 ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 169 | 491 | 470 5 | 174 / 164 10 | 237 | 899 | 538 5 | 207 / 207 60 | 60 M- 10 M= 50 M=0.20 mm |
| 2 | 143 | 699 | 444 5 | 148 / 138 10 | 75 | 459 | 376 5 | 105 / 45 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 313 | 190 | | 20 | 313 | 358 | | 120 | |
| | | | | | | | | -20 | |
| | + | | | | -0.40 mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 313 | 318 | | | |
| | | | | | 313 | 190 | | | |
| | | | | | - | 128 | | | |
| | | | | | | | | | π = RODRIGUEZ |
| | | | | mm= "C" | | | | | |
| | | | | | - 0.013 mm= "C" | | | | |
| | | | | | 100 | 1,280 | | | |
| | | | | | | 100 | | | |
| | | | | | | 280 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL
NOTES BY R. ANDERSON DATE 17-SEPT. '71 WEATHER OVERCAST & CALM INST. NO. 75234
INDEXED E. J. GALLI DATE OCT 4 '71 TIME 08:15 ROD NO. 1213 A&B
NOTES CHKD. DATE

T = 72°

F.B. 4118 PG. 199

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 Randall

NOTES BY " DATE 20-Sep-71 WEATHER Haze INST. NO. 75234

INDEXED C. J. GALLI DATE OCT 4 '71 TIME 08:20 ROD NO. 1713AB

NOTES CHKD DATE

T=68°

F.B. 4118 PG. 201

| 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 | 167 | 096 | 468 5 | 172 162 10 | 237 | 364 | 538 5 | 267 207 60 | 60 M- 10 M= 50 M=0.20mm |
| 2 | 137 | 942 | 438 5 | 142 132 10 | 67 | 923 | 368 5 | 97 37 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 305 | 038 | | 20 | 305 | 287 | | 120 | |
| | | | | | | - 0.40 mm | | -20 | |
| | + | | | | ~~-0. mm~~ | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 305 | 247 | | | |
| | | | | | 305 | 038 | | | |
| | | | | | - | 2.09 | | | ⊼ Peterson |

mm= "C"

.021 mm= "C"

100 / 2.09

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 J. RANDALL
NOTES BY R. ANDERSON DATE 21-SEPT. '71 WEATHER CLOUDY & CALM INST. NO. 75234
INDEXED C. J. GALL DATE OCT 4 '71 TIME 08:10 ROD NO. 1713 A
NOTES CHKD DATE
F.B. 4118 PG. 203

| 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 | 152 | 479 | 453 5 | 157 / 147 10 | 170 | 249 | 471 5 | 200 / 140 60 | 60 M- 10 M= 50 M=0.20mm |
| 2 | 153 | 178 | 454 5 | 158 / 148 10 | 135 | 620 | 436 5 | 165 / 105 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 305 | 657 | | 20 | 305 | 869 | | 120 | |
| | | | | | | | | -20 | |
| | + | | | | -0.40 mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 305 | 829 | | | |
| | | | | | 305 | 657 | | | |
| | | | | | - 0 | 172 | | | π = RODRIGUEZ |

mm= "C"

1

- 0.017 mm= "C"
100 / 1.720

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 ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| | | | | 159 | | | | 206 | |
| 1 | 154 | 709 | 455 5 | 149 10 | 176 | 149 | 477 5 | 146 60 | 60M- 10 M= 50 M=0.20 mm |
| | | | | 155 | | | | 158 | |
| 2 | 150 | 129 | 451 5 | 145 10 | 128 | 882 | 429 5 | 98 60 | 60 M- 10 M= 50 M=0.20 mm |
| | 304 | 838 | | 20 | 305 | 031 | | 120 | |
| | | | | | | | | -20 | |
| | + | | | | -0.40 mm | | | 100 | Curvature Corr.=0.40 mm |
| | | | | | 304 | 991 | | | |
| | | | | | 304 | 838 | | | |
| | | | | | - | 153 | | | |

T = RODRIGUEZ

mm= "C"

-0.015 mm= "C"

100 / 1.530

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 22 - SEPT. 171

INDEXED C. J. GALLI DATE OCT 4 71

WEATHER OVERCAST & CALM

TIME 08:10

NOTES CHKD

DATE

INST. NO. 75234

ROD NO. 1713A&B

F.B. 4118 PG. 205

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

SURVEY BY J. RANDALL R. ANDERSON DATE 13-SEPT '71 WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY DATE TIME 13:30 ROD NO. 1713 A.B.

INDEXED G. J. GALL DATE OCT 4 '71 NOTES CHKD DATE

T = 110°

F.B. 4118 Pg 207

| STATION | BACKSIGHT Right | Mic. | Left. | Stadia | FORESIGHT Right | Mic. | Left. | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-6A | | | | | | | | | FROM B.M. 19-6A TO B.M. 19-6D |
| | | | | | | | | | B.M. 19-6A |
| | | | | | | | | | LOWER AZUSA & ARDEN DR |
| | | | | 181 | | | | 198 | F.B 3712-59 & TO NORTH |
| 1 | 172 | 342 | 473 5 | 163 18 | 189 | 348 | 490 5 | 180 18 | |
| | | | | | | | | | T = RODRIGUEZ |
| B.M. 19-6D | 172 | 342 | | | 189 | 348 | | | |
| | | | | | 172 | 342 | | | B.M 19-6D |
| | | | | | 17 | 006 | | | 18 LOWER AZUSA & ARDEN DR. |
| | | | | | | | | | 18 F.B 3712-60 N.W. COR. |
| | | | | | | | | | 36 |

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. 19-6D | | | | | | | | | FROM B.M. 19-6D TO B.M. 19-6A |
| | | | | | | | | | B.M. 19-6 D |
| | | | | | | | | | LOWER AZUSA RD. & ARDEN DR |
| | | | | 195 | | | | 178 | N.W. COR. |
| 1 | 186 | 719 | 487 5 | 177 18 | 169 | 692 | 470 5 | 160 18 | F.B. 3712-60 |
| | | | | | | | | 18 | ⊼ = RODRIGUEZ |
| | | | | | | | | 36 | |
| B.M. 19-6A | 186 | 719 | | | 169 | 692 | | | B.M. 19-6A |
| | 169 | 692 | | | | | | | LOWER AZUSA RD. & ARDEN |
| | ~~17~~ | ~~047~~ | | | | | | | F.B. 3712-59 ℄ TO NORTH |
| | + 17 | 027 | | | | | | | |

F.B. 4118 PG. 208 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 21-SEP. '71

INDEXED J. GALLI DATE

WEATHER CLOUDY & CALM INST. NO. 7523

TIME 08:25 ROD NO. 1213A

NOTES CHKD DATE

T = 68°

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 W. ROBERTS / R. ROBERSON DATE 13-SEPT-71 WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY J. GALLI DATE OCT 4 '71 TIME 13:40 ROD NO. 17112 & 06

INDEXED NOTES CHKD DATE

T = 1106

F.B. 4118 PG 209

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-6D | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 19-6D TO B.M. 19-6B |
| 1 | 173 | 639 | 474 | 5 | 176 150 | 46 | 150 | 850 | 451 | 5 | 130 178 | 44 | B.M. 19-6D |
| | | | | | 202 | | | | | | 172 | | LOWER AZUSA RD. & ARDEN DR. |
| 2 | 174 | 388 | 475 | 5 | 146 | 56 | 146 | 498 | 447 | 5 | 120 | 52 | F.B. 3712-60 N.W. COR. |
| | | | | | 239 | 102 | | | | | 177 | 96 | |
| 3 | 213 | 520 | 514 | 5 | 187 | 52 | 149 | 000 | 450 | 5 | 121 | 56 | |
| | | | | | 138 | 154 | | | | | 164 | 152 | |
| 4 | 109 | 022 | 410 | 5 | 80 | 58 | 136 | 531 | 437 | 5 | 108 | 56 | T = RODRIGUEZ |
| | | | | | 242 | 212 | | | | | 109 | 208 | |
| 5 | 220 | 128 | 521 | 5 | 198 | 44 | 85 | 081 | 386 | 5 | 61 | 48 | |
| | | | | | 148 | 256 | | | | | 232 | 256 | |
| 6 | 131 | 222 | 432 | 5 | 114 | 34 | 215 | 378 | 516 | 5 | 198 | 34 | |
| | + 1021 | 919 | | | | 290 | 883 | 338 | | | | 290 | |
| B.M. 19-6B | 883 | 338 | | | | | | | | | | 290 | B.M. 19-6B |
| | + 138 | 581 | | | | | | | | | | 580 | LOWER AZUSA RD. & BALDWIN |
| | | | | | | | | | | | | | F.B. 3712-67 S.E. COR. |

228

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 19-6B | | | | | | | | | FROM BM 19-6B TO BM 19-6D |
| 1 | ~~250~~ | ~~011~~ | ~~551~~ 5 | ~~276 229~~ 52 | ~~204~~ | ~~101~~ | ~~505~~ 5 | ~~231 175~~ 56 | BM 19-6B |
| | 252 | 160 | 553 5 | 280 224 56 | 206 | 272 | 507 5 | 232 180 52 | BALDWIN AVE & LOWER AZUSA RD |
| 2 | 27 | 690 | 328 5 | 158 527 62 | 155 | 701 | 456 5 | 186 134 62 | S.E. COR |
| | | | | 118 | | | | 114 | F.B. 3712-67 |
| 3 | 183 | 949 | 484 5 | 212 154 58 | 187 | 702 | 488 5 | 218 156 62 | |
| | | | | 176 | | | | 176 | |
| 4 | 112 | 570 | 413 5 | 144 80 64 | 170 | 720 | 471 5 | 202 138 64 | π RODRIGUEZ |
| | | | | 240 | | | | 240 | |
| 5 | 153 | 739 | 454 5 | 167 139 28 | 155 | 902 | 456 5 | 169 141 28 | |
| | | | | 268 | | | | 268 | |
| 6 | 159 | 731 | 460 5 | 172 146 26 | 152 | 471 | 453 5 | 165 139 26 | |
| | + ~~889~~ | ~~938~~ | | 294 | 1028 | 768 | | 294 | |
| | 889 | 839 | | | + 889 | 839 | | 294 | |
| | | 10-4 | | | | ~~829~~ | | 588 | |
| BM 19-6D | | L.M. | | | - 138 | 929 | | | BM 19-6D |
| | | | | | | | | | LOWER AZUSA RD & ARDEN |
| | | | | | | | | | N.W. COR F.B. 3712-60 |

F.B. 4118 PG. 210 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 20-SEP 71

INDEXED C. J. GALLI DATE

WEATHER HAZY TIME 15:00 NOTES CHKD

INST. NO. 75234 ROD NO. 1713AB DATE

X = 84

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 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-6D | | | | | | | | | FROM B.M. 19-6D TO B.M. 19-6B |
| 1 | 168 | 760 | 469 5 | 187 / 149 38 | 171 | 929 | 472 5 | 187 / 153 36 | B.M. 19-6 D |
| | | | | 219 | | | | 179 | LOWER AZUSA RD. & ARDEN |
| 2 | 194 | 228 | 495 5 | 169 50 | 154 | 162 | 455 5 | 129 50 | F.B. 3712-60 N. W. COR |
| | | | | 246 88 | 143 | 102 | 444 5 | ~~174~~ 86 | 176 |
| 3 | 213 | 571 | 514 5 | 180 66 | ~~145~~ | ~~142~~ | ~~446~~ 5 | ~~116~~ 66 | 110 |
| | | | | 145 / 154 | | | | 212 / 152 | π = RODRIGUEZ |
| 4 | 127 | 192 | 428 5 | 109 36 | 190 | 652 | 491 5 | 168 44 | RERUN |
| | | | | 270 / 190 | | | | 94 / 196 | |
| 5 | 236 | 492 | 537 5 | 203 68 | 64 | 469 | 365 5 | 34 60 | |
| | | | | 159 258 | | | | 236 256 | |
| 6 | 141 | 818 | 442 5 | 123 36 | 218 | 772 | 519 5 | 200 36 | |
| | +1082 | 061 | | 294 | 943 | 086 | | 292 | |
| B.M. 19-6B | 943 | 086 | | | | | | 294 | B.M. 19-6 B |
| | +138 | 975 | | | | | | 586 | LOWER AZUSA RD. & BALDWIN |
| | | | | | | | | | F.B. 3712-67 SOUTH OF LOWER AZUSA |

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

SURVEY BY J. RANDALL WEATHER CLOUDY & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 21-SEPT. '71 TIME 08:45 ROD NO. 1713 P.O.B.

INDEXED C. J. GALLI DATE OCT 4 '71 NOTES CHKD. DATE

F.B. 4118 PG. 211

F.B. 4118 Pg. 212 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randal NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM TO |
| | | | | | | | | | No Rerun in this direction. |

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 J. RANDALL

NOTES BY R. ANDERSON DATE 14-SEPT. '71

INDEXED J. J. GALLI DATE OCT 4 '71

WEATHER CLEAR & CALM

TIME 08:40

NOTES CHKD

DATE

INST. NO. 75234

ROD NO. 1713A08

F.B. 4118 Pg. 213

T = 80°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M 19-6B | | | | | | | | | FROM B.M. 19-6B TO B.M. 20-1A |
| 1 | 250 | 298 | 551 5 | 278 / 222 56 | 75 | 208 | 376 5 | 107 / 43 64 | B.M. 19-6B |
| | | | | 245 | | | | 127 | LOWER AZUSA RD. & BALDWIN |
| 2 | 221 | 230 | 522 5 | 197 48 | 106 | 748 | 407 5 | 85 42 | F.B. 3712-67 S.E. COR. |
| | | | | 242 104 | | | | 119 106 | |
| 3 | 216 | 072 | 517 5 | 190 52 | 93 | 232 | 394 5 | 67 52 | ⊼ = RODRIGUEZ |
| | | | | 247 156 | | | | 114 158 | |
| 4 | 220 | 791 | 521 5 | 193 54 | 88 | 092 | 389 5 | 62 52 | |
| | | | | 254 210 | | | | 117 208 | |
| 5 | 225 | 771 | 526 5 | 196 58 | 88 | 909 | 389 5 | 59 58 | |
| | | | | 264 268 | | | | 141 266 | |
| 6 | 229 | 160 | 530 5 | 194 70 | 105 | 860 | 406 5 | 69 72 | |
| | | | | 262 338 | 103 | | | 134 338 | |
| 7 | 228 | 152 | 529 5 | 194 68 | ~~105~~ | 870 | 404 5 | 72 62 | |
| | | | | 230 406 | | | | 117 400 | |
| 8 | 205 | 082 | 506 5 | 180 50 | 89 | 738 | 390 5 | 61 56 | |
| | | | | 218 456 | | | | 120 456 | |
| 9 | 200 | 222 | 501 5 | 182 36 | 103 | 929 | 404 5 | 86 34 | |
| | | | | 181 492 | | | | 155 490 | |
| 10 | 173 | 360 | 474 5 | 165 16 | 147 | 670 | 448 5 | 139 16 | |
| | +2170 | 138 | | 508 | 1003 | 256 | | 508 | 10-4 L.M. |
| B.M. 20-1A | 1003 | 256 | | | | | | 508 | B.M. 20-1A |
| | +1166 | 882 | | | | | | ~~1014~~ | BALDWIN AVE. & OLIVE ST. |
| | | | | | | | | 10-4 L.M. 1016 | F.B. 3712-77 S.E. COR. |

300

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 20-1A | | | | | | | | | FROM BM 20-1A TO BM 19-6B |
| 1 | 141 | 351 | 442 5 | 161 121 40 | 197 | 040 | 498 5 | 216 178 38 | BM 20-1A |
| 2 | 82 | 971 | 383 5 | 108 56 52 | 229 | 679 | 530 5 | 254 204 50 | BALDWIN AVE & OLIVE S.E. COR |
| | | | | 92 | | | | 88 | FB. 3712-77 |
| 3 | 88 | 751 | 389 5 | 126 50 76 | 235 | 472 | 536 5 | 82 | 276 194 |
| | | | | 168 | | | | 170 | |
| 4 | 104 | 622 | 405 5 | 136 72 64 | 232 | 870 | 533 5 | 265 199 66 | ⊼ ROD RIGUEE |
| | | | | 232 | | | | 236 | |
| 5 | 132 | 030 | 433 5 | 155 109 46 | 191 | 649 | 492 5 | 212 170 42 | |
| | | | | 278 | | | | 278 | |
| 6 | 87 | 250 | 388 5 | 119 55 64 | 233 | 291 | 534 5 | 265 201 64 | |
| | | | | 342 | | | | 342 | |
| 7 | 90 | 219 | 391 5 | 118 62 56 | 224 | 251 | 525 5 | 250 198 52 | |
| | | | | 398 | | | | 394 | |
| 8 | 86 | 748 | 387 5 | 117 55 62 | 247 | 672 | 548 5 | 280 214 66 | |
| | | | | 460 | | | | 460 | |
| 9 | 103 | 471 | 404 5 | 122 84 38 | 219 | 762 | 520 5 | 238 200 38 | |
| | | | | 498 | | | | 498 | |
| 10 | 108 | 510 | 409 5 | 121 95 26 | 181 | 500 | 482 5 | 194 168 26 | |
| | +1025 | 923 | | 524 | 2193 | 186 | | 524 | |
| | | | | | +1025 | 923 | | 524 | |
| | | | | | -1167 | 263 | | 1048 | |
| BM 19-6B | | | | | | | | | BM 19-6B S.E. COR. |
| | | | | | | | | | BALDWIN AVE & LOWER AZUSA RD |
| | | | | | | | | | FB 3712-67 |

F.B. 4118 PG. 214 JOB NO. 030102 T=84

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 20 SEP 71

INDEXED C. J. GALLI DATE

WEATHER HAZY INST. NO. 75284

TIME 14:00 ROD NO. 170AB

NOTES CHKD. 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 U. RANDALL

NOTES BY R. ANDERSON DATE 21-SEPT. '71

INDEXED E. J. GALLI DATE OCT 4 '71

WEATHER CLOUDY & CALM

TIME 09:20

NOTES CHKD

DATE

INST. NO. 75234

ROD NO. 1713 Ao

F.B. 4118 PG. 215

T = 70°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 19-6B | | | | | | | | | | | | | FROM B.M. 19-6B TO B.M. 20-1A |
| 1 | 268 | 528 | 569 | 5 | 268 / 228½ | 80 | 36 | 921 | 337 | 5 | 76 / 36½ | 80 | B.M. 19-6B |
| | | | | | 255 | | | | | | 115 | | LOWER AZUSA RD. & BALDWIN |
| 2 | 225 | 172 | 526 | 5 | 195 | 60 | 85 | 161 | 386 | 5 | 55 | 60 | F.B. 3712-67 SOUTH OF LOWER AZ. |
| | | | | | 257 | 140 | | | | | 113 | 140 | |
| 3 | 227 | 380 | 528 | 5 | 197 | 60 | 83 | 139 | 384 | 5 | 53 | 60 | |
| | | | | | 214 | 200 | | | | | 85 | 200 | |
| 4 | 189 | 420 | 490 | 5 | 164 | 50 | 57 | 900 | 358 | 5 | 29 | 56 | π = RODRIGUEZ |
| | | | | | 263 | 250 | | | | | 118 | 256 | Rerun |
| 5 | 228 | 082 | 529 | 5 | 193 | 70 | 88 | 680 | 389 | 5 | 58 | 60 | |
| | | | | | 247 | 320 | | | | | 133 | 316 | |
| 6 | 215 | 918 | 516 | 5 | 183 | 64 | 98 | 680 | 399 | 5 | 63 | 70 | |
| | | | | | 234 | 384 | | | | | 125 | 386 | |
| 7 | 204 | 012 | 505 | 5 | 174 | 60 | 95 | 701 | 396 | 5 | 65 | 60 | |
| | | | | | 230 | 444 | | | | | 110 | 446 | |
| 8 | 207 | 909 | 508 | 5 | 184 | 46 | 88 | 591 | 389 | 5 | 66 | 44 | |
| | | | | | 187 | 490 | | | | | 153 | 490 | |
| 9 | 179 | 449 | 480 | 5 | 171 | 16 | 144 | 009 | 445 | 5 | 135 | 18 | |
| | +1945 | 870 | | | | 506 | 778 | 782 | | | | 508 | |
| B.M. 20-1A | 778 | 782 | | | | | | | | | | 506 | B.M. 20-1A |
| | +1167 | 088 | | | | | | | | | | 1014 | BALDWIN AVE. & OLIVE ST. |
| | | | | | | | | | | | | | F.B. 3712-77 S.E. COR. |

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.**

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM _____ TO _____ |
| | | | | | | | | | No Rerun in this Direction |

F.B. 4118 PG. 216 JOB NO. 0301.02

SURVEY OF _____

SURVEY BY Bondal NOTES _____

INDEXED _____ DATE _____

76P526B CE # 308 8/68

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L. RANDALL
NOTES BY R. ANDERSON DATE 14-SEPT. '71 TIME 0910 WEATHER CLEAR & CALM INST. NO. 75234
INDEXED C. J. GALLI DATE OCT 4 71 NOTES CHKD DATE ROD NO. 1718 Rod
T = 86°
F.B. 4118 PG. 217

| STATION | BACKSIGHT Right | Mic. | Left | | Stadia | | FORESIGHT Right | Mic. | Left | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-1A | | | | | | | | | | | | | From B.M. 20-1A To B.M. 20-2A |
| 1 | 209 | 872 | 510 | 5 | 22.7 191 | 36 | 125 | 111 | 426 | 5 | 143 107 | 36 | B.M. 20-1A |
| | | | | | 219 | | | | | | 136 | | BALDWIN AVE. & OLIVE ST. |
| 2 | 200 | 521 | 501 | 5 | 181 | 38 | 117 | 840 | 418 | 5 | 98 | 39 | F.B. 3712-77 S.E. COR |
| | 231 | | | | 241 | 74 | | | | | 114 | 74 | |
| 3 | ~~246~~ | 372 | 532 | 5 | 201 | 60 | 84 | 650 | 385 | 5 | 54 | 60 | |
| | | | | | 264 | 134 | | | | | 109 | 134 | |
| 4 | 234 | 801 | 535 | 5 | 204 | 60 | 80 | 761 | 381 | 5 | 51 | 50 | |
| | | | | | 276 | 194 | | | | | 95 | 192 | |
| 5 | 244 | 401 | 545 | 5 | 212 | 64 | 65 | 482 | 366 | 5 | 35 | 60 | T = RODRIGUEZ |
| | | | | | 234.2 | 58 | | | | | 139.2 | 52 | |
| 6 | 212 | 932 | 513 | 5 | 190 | 44 | 114 | 738 | 415 | 5 | 89 | 50 | |
| | + 1333 | 899 | | | | 302 | 588 | 582 | | | | 302 | |
| | - 588 | 582 | | 5 | | | | | | | | 302 | |
| B.M. 20-2A | 745 | 317 | | | | | | | | | | 604 | B.M. 20-2A |
| 8 | | | | 5 | | | | | | | | | BALDWIN AVE. & LIVE OAK |
| | | | | | | | | | | | | | F.B. 3712-79 S.W. COR. |

232

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 20-2A | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 20-2A TO BM 20-1A |
| 1 | 129 | 410 | 430 S | 138 120 18 | 171 | 180 | 472 S | 180 162 18 | BM 20-2A |
| | | | | | | | | | BALDWIN AVE & LIVE OAK SW COR |
| 2 | 72 | 098 | 373 S | 99 45 54 | 227 | 069 | 528 S | 253 201 52 | F.B. 3712-79 |
| | | | | 72 | | | | 70 | |
| 3 | 64 | 429 | 365 S | 93 35 58 | 224 | 971 | 525 S | 252 196 56 | |
| | | | | 130 | | | | 126 | ⊼ RODRIGUEZ |
| 4 | 85 | 472 | 386 S | 114 56 58 | 237 | 470 | 538 S | 269 205 64 | |
| | | | | 188 | | | | 190 | |
| 5 | 106 | 710 | 407 S | 133 79 54 | 240 ~~204~~ | 330 | 541 S | 266 214 52 | |
| | | | | 242 | | | | 242 | |
| 6 | 112 | 959 | 413 S | 142 82 60 | 215 | 502 | 516 S | 246 184 62 | |
| | + 571 | 078 | | 302 | 1316 | 522 | | 304 | |
| | | | | | + 571 | 078 | | 302 | |
| | | | | | - 745 | 444 | | 606 | |
| BM 20-1A | | | | | | | | | BM 20-1A |
| | | | | | | | | | BALDWIN AVE & OLIVE S.E. COR |
| | | | | | | | | | F.B. 3712-77 |

F.B. 4118 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 20 SEP 71

INDEXED J. GALLI DATE

WEATHER HAZY

TIME 13:35

NOTES CHKD

INST. NO. 75234

ROD NO. 1713 A

DATE

T = 82°

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 |
|---|---|---|---|---|---|---|---|---|---|
| B.M.20-2A | | | | | | | | | FROM B.M.20-2A TO B.M.20-3A |
| 1 | 243 | 590 | 544 5 | 270 216 54 | 87 | 139 | 388 5 | 112 62 50 | B.M.20-2A |
| | | | | | | | | | BALDWIN AVE. & LIVE OAK |
| 2 | 183 | 358 | 484 5 | 202 164 38 | 81 | 143 | 382 5 | 101 61 40 | F.B.3712-79 S.W. COR. |
| | | | | 92 | | | | 90 | ⊼ PETERSON |
| 3 | 184 | 338 | 485 5 | 205 163 42 | 113 | 760 | 414 5 | 135 91 44 | |
| | | | | 134 | | | | 134 | |
| 4 | 192 | 702 | 493 5 | 216 168 48 | 101 | 261 | 402 5 | 126 76 50 | |
| | | | | 182 | | | | 184 | |
| 5 | 200 | 190 | 501 5 | 213 187 26 | 147 | 031 | 448 5 | 160 134 26 | |
| | | | | 208 | | | | 210 | |
| 6 | 220 | 350 | 521 5 | 243 197 46 | 168 | 151 | 469 5 | 189 147 42 | |
| | + 1224 | 528 | | 254 | ~~1923~~ | ~~013~~ | | 252 | |
| | - 698 | 485 | | | + ~~1224~~ | ~~528~~ | | 254 | |
| BM 20-3A | + 526 | 043 | | | - 698 | 485 | | 500 | BM 20-3A |
| | | | | | | | | | LAS TUNAS DR @ Baldwin AV |
| | | | | | | | | | N.W. COR |
| | | | | | | | | | F.B. 3712-81 |

212

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

SURVEY BY Randall WEATHER Clear Haze INST. NO. 75234

NOTES BY Rodriguez DATE 14 SEPT 71 TIME 10:15 ROD NO. 1713A-0

INDEXED G. J. GALLI DATE OCT 4 '71 NOTES CHKD DATE

T = 84°

F.B. 4118 PG. 219

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-3A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 20-3A TO B.M. 20-2A |
| 1 | 85 | 483 | 386 | 5 | 121 49 | 72 | 225 | 123 | 526 | 5 | 260 190 | 70 | BM 20-3A |
| | | | | | | | | | | | | | Baldwin @ Las Tunis |
| 2 | 93 | 272 ~~872~~ | 394 | 5 | 124 62 | 62 | 235 | 241 | 536 | 5 | 267 203 | 64 | N.W. COR |
| | | | | | | 134 | | | | | | 134 | F.B. 3712-81 |
| 3 | 69 | 885 | 370 | 5 | 100 38 | 62 | 232 | 752 | 533 | 5 | 262 202 | 60 | ⊼ PETERSON |
| | | | | | | 196 | | | | | | 194 | |
| 4 | 125 | 994 | 426 | 5 | 134 116 | 18 | 207 | 548 | 508 | 5 | 218 196 | 22 | |
| | + 374 | 634 | | | | 214 | - 900 | 664 | | | | 216 | |
| 5 | | | | | | | + 374 | 634 | | | | 214 | |
| BM 20-2A | | | | | | | - 526 | 030 | | | | 430 | BM 20-2A |
| | | | | | | | | | | | | | LIVE OAK AV @ Baldwin |
| | | | | | | | | | | | | | S.W. COR |
| | | | | | | | | | | | | | F.B. 3712-79 |

F.B. 4118 PG. 220 JOB NO. 0301.02

SURVEY OF L.A.CO Precise Level Net

SURVEY BY Randall NOTES Rodriguez 21 Sept 71

INDEXED [redacted] J. GALLI DATE

WEATHER Overcast INST. NO. 75234

TIME 10:20 ROD NO. 1713AB

NOTES CHKD DATE

TE 68

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM20-3A | | | | | | | | | FROM BM20-3A TO BM 20-4B |
| 1 | 168 | 467 | 469 5 | 188 148 40 | 133 | 468 | 434 5 | 153 113 40 | BM 20-3A |
| | | | | | | | | | LAS TUNAS DR @ ~~Baldwin~~ Baldwin AV |
| 2 | 208 | 5 322 | 509 5 | 230 186 44 | 95 | 378 | 396 5 | 118 72 46 | N.W. COR |
| | | | | 84 | | | | 86 | F.B 3712-81 |
| 3 | 228 | 049 | 529 5 | 256 200 56 | 80 | 766 | 381 5 | 108 52 56 | |
| | | | | 140 | | | | 142 | ⊼ PETERSON |
| 4 | 231 | 306 | 532 5 | 258 204 54 | 71 | 823 | 372 5 | 98 44 54 | |
| | | | | 194 | | | | 196 | |
| 5 | 229 | 115 | 530 5 | 257 201 56 | 79 | 552 | 380 5 | 108 50 58 | |
| | | | | 250 | | | | 254 | |
| 6 | 233 | 326 | 534 5 | 261 205 56 | 61 | 787 | 362 5 | 87 35 52 | |
| | | | | 306 | | | | 306 | |
| 7 | 238 | 556 | 539 5 | 271 205 66 | 37 | 113 | 338 5 | 781 3 68 | |
| | | | | 372 | | | | 374 | |
| 8 | ~~89~~ | ~~271~~ | ~~390 5~~ | ~~113~~ ~~65~~ 48 | 228 | 940 | 529 5 | 251 205 46 | |
| | 68 | 647 | 369 5 | 92 44 420 | 788 | 827 | | 420 | |
| | + 1605 | 988 | | | | | | 420 | |
| BM 20-4B | − 788 | 827 | | | | | | 840 | BM 20-4B |
| | + 817 | 161 | | | | | | | Baldwin AV @ Walnut |
| | | | | | | | | | S.E. COR |
| | | | | | | | | | F.B 3712-85 |

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

SURVEY BY Randall WEATHER Hazy INST. NO. 75234

NOTES BY Rodriguez DATE 14 Sept 71 TIME 11:05 ROD NO. 1713 AB

INDEXED [illegible] DATE [illegible] NOTES CHKD DATE

F.B. 4118 PG. 221

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 20-4B | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM20-4B TO BM20-3A |
| 1 | 115 | 230 | 416 | 5 | 141 89 | 52 | 235 | 806 | 536 | 5 | 261 209 | 52 | BM20-4B |
| | | | | | | | | | | | | | Baldwin AV. @ Walnut |
| 2 | 73 | 353 | 374 | 5 | 105 41 | 64 | 252 | 273 | 553 | 5 | 284 220 | 64 | S.E. COR |
| | | | | | | 116 | | | | | | 116 | F.B. 3712-85 |
| 3 | 86 | 535 | 387 | 5 | 113 59 | 54 | 243 | 568 | 544 | 5 | 270 216 | 54 | ⊼ Peterson |
| | | | | | | 170 | | NOTE | | | | 170 | |
| 4 | 73 | 690 | 374 | 5 | 101 45 | 56 | 218 | 519 | 519 | 5 | 247 189 | 58 | |
| | ↕ | | | | | 226 | ↕ | | | | | 228 | |
| 5 | 73 | 935 | 374 | 5 | 101 45 | 56 | 218 | 112 | 519 | 5 | 245 191 | 54 | |
| | | | | | | 282 | | | | | | 282 | |
| 6 | 95 | 752 | 396 | 5 | 118 72 | 46 | 167 | 433 | 468 | 5 | 189 145 | 44 | |
| | + 518 | 495 | | | | 328 | 1335 | 711 | | | | 326 | |
| | | | | | | | + 518 | 495 | | | | 328 | |
| BM 20-3A | | | | | | | - 817 | 216 | | | | 654 | BM 20-3A |
| | | | | | | | | | | | | | Baldwin AV. @ Las Tunis |
| | | | | | | | | | | | | | N.W. COR |
| | | | | | | | | | | | | | F.B. 3712-81 |

F.B. 4118 PG. 222 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 20 Sept 71

INDEXED J. GALLI DATE

WEATHER Hazy T=76°

TIME 11:35 NOTES CHKD

INST. NO. 75234

ROD NO. 1713 A

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 Randall

NOTES BY RODRIGUEZ DATE 14 SEPT 71

INDEXED G. J. GALLI DATE OCT 4 '71

WEATHER Hazy & Hot T=100°

TIME 13:15

NOTES CHKD

INST. NO 75234

ROD NO 1713 MB

DATE

F.B. 4118 PG. 223

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM 20-4B | | | | | | | | | FROM BM 20-4B TO T.B.M #1 |
| 1 | 224 | 497 | 525 5 | 242 201 46 | 63 | 371 | 364 5 | 86 40 46 | BM 20-4B |
| | | | | 238 ~~228~~ | | | | | Baldwin AV @ Walnut |
| 2 | 218 | 633 | 519 5 | 198 40 | 75 | 678 | 376 5 | 96 54 42 | S.E. COR |
| | | | | 86 | | | | 88 | E.B. 3712-85 |
| 3 | 110 | 809 | 411 5 | 117 103 14 | 108 | 630 | 419 5 | 115 101 14 | ⊼ PETERSON |
| | +553 | 921 | | 100 | 247 | 679 | | 102 | |
| | -247 | 679 | | | | | | 100 | |
| T.B.M #1 | +306 | 242 | | | | | | 202 | T.B.M #1 |
| | | | | | | | | | Longdon @ Baldwin AV. |
| | | | | | | | | | Fd signal control box |
| | | | | | | | | | used N.W BIT. |
| | | | | | | | | | No Ref. |

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 |
|---|---|---|---|---|---|---|---|---|---|
| T.BM#1 | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM T.BM#1 TO BM20-4B |
| 1 | 119 | 763 | 420 5 | 143 95 48 | 225 | 357 | 526 5 | 225 202 46 | T.BM#1 |
| 2 | 86 | 975 | 387 5 | 113 59 54 | 237 | 227 | 538 5 | 264 210 54 | SIGNAL CONTROL BOX ON N.W BIT- IN N.E COR. |
| | | | | 102 | | | | 100 | No Ref. ⊼ PETERSON |
| 3 | 151 | 561 | 452 5 | 160 142 18 | 201 | 921 | 502 5 | 210 192 18 | |
| | + 358 | 299 | | 120 | - 664 | 505 | | 118 | |
| | | | | | + 358 | 299 | | 120 | |
| BM 20-4B | | | | | - 306 | 206 | | 238 | BM. 20-4B |
| | | | | | | | | | Baldwin AV. @ Walnut |
| | | | | | | | | | S.E-COR |
| | | | | | | | | | F.B. 3712-85 |

F.B. 4118 PG. 224 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Randall NOTES Rodriguez 20 Sept 71

INDEXED C. J. GALLI DATE

WEATHER Hazy T=76°

TIME 11:15

NOTES CHKD

INST. NO. 75234

ROD NO. 1713AB

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 RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| T.B.M #1 | | | | | | | | | FROM T.B.M #1 TO BM 20-5B |
| 1 | 206 | 834 | 507 5 | 222 190 32 | 111 | 711 | 412 5 | 127 95 32 | T.B.M #1 |
| | | | | | | | | | Longdon @ Baldwin AV. |
| 2 | 227 | 212 | 528 5 | 252 202 50 | 79 | 836 | 380 5 | 104 54 50 | No Refr - |
| | | | | 82 | | | | 82 | |
| 3 | 232 | 808 | 533 5 | 259 205 54 | 81 | 345 | 382 5 | 108 54 54 | ⊼ Peterson |
| | | | | 136 | | | | 136 | |
| 4 | 223 | 348 | 534 5 | 250 196 54 | 78 | 767 | 379 5 | 105 51 54 | |
| | | | | 190 | | | | 190 | |
| 5 | 228 | 539 | 529 5 | 252 204 48 | 83 | 083 | 384 5 | 107 59 48 | |
| | | | | 238 | | | | 238 | |
| 6 | 193 | 533 | 494 5 | 207 179 28 | 136 | 161 | 437 5 | 151 121 30 | |
| | | | | 266 | | | | 268 | |
| 7 | 202 | 918 | 503 5 | 218 186 32 | 108 | 244 | 409 5 | 124 92 32 | |
| | | | | 298 | | | | 300 | |
| 8 | 182 | 227 | 483 5 | 191 173 18 | 161 | 915 | 462 5 | 170 152 18 | |
| | + 1697 | 419 | | 316 | 841 | 062 | | 318 | |
| | - 841 | 062 | | | | | | 316 | |
| BM 20-5B | + 856 | 352 | | | | | | 634 | BM 20-5B |
| | | | | | | | | | Baldwin AV @ Norman |
| | | | | | | | | | N.E COR |
| | | | | | | | | | F.B. 3712-87 |

238

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 14 Sept 71 WEATHER HOT

INDEXED C. J. GALLI DATE OCT 4 '71 TIME 13:40 NOTES CHKD. DATE

INST. NO 75234 ROD NO. 1713 AB

F.B. 4148 PG. 225

T=101'

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 20-5B | | | | | | | | | FROM BM 20-5B TO T.B.M #1 |
| 1 | 155 | 741 | 456 5 | 173 137 36 | 208 | 713 | 509 5 | 227 189 38 | BM 20-5B |
| | | | | | | | | | Baldwin AV @ Norman |
| 2 | 62 | 702 | 363 5 | 94 30 64 | 250 | 684 | 551 5 | 283 217 66 | N.E. COR. |
| | | | | 100 | | | | 104 | F.B. 3712-87 |
| 3 | 63 | 805 | 364 5 | 95 31 64 | 243 | 374 | 544 5 | 273 213 60 | ⚒ Peterson |
| | | | | 164 | | | | 164 | |
| 4 | 59 | 314 | 360 5 | 95 257 64 | 246 | 195 | 547 5 | 278 214 64 | |
| | | | | 228 | | | | 228 | |
| 5 | 65 | 607 | 366 5 | 95 35 60 | 242 | 826 | 543 5 | 272 212 60 | |
| | | | | 288 | | | | 288 | |
| 6 | 133 | 429 | 434 5 | 145 119 26 | 204 | 185 | 505 5 | 216 192 24 | |
| | ~~133~~ | | | 314 | | | | 312 | |
| | ~~133~~ | ~~429~~ | | ~~145~~ ~~119~~ ~~26~~ | | | | 314 | |
| T.B.M #1 | + 540 | 598 | | | - 1395 | 977 | | 626 | T.B.M #1 |
| | | | | | + 540 | 598 | | | Signal box control @ |
| | | | | | - 855 | 379 | | | NW Co. on N.W. Bit |
| | | | | | | | | | No Ref. |

Note: This run was in error by one centimeter, see Back sight on turn No 6. A rerun was made to prove this fact.

F.B. 4118 Pg. 22C JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 20 Sept 71

INDEXED C. J. GALLI DATE

WEATHER Hazy TIME 9:00 NOTES CHKD

INST. NO. 252 ROD NO. 1713 DATE

T = 68°

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

F.B. 4118 PG. 227

SURVEY BY Randall WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED DATE NOTES CHKD DATE

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM / TO |
| | | | | | | | | | SEE Next Pg. For Rerun |

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

Do not extend notes this side of this line.

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

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 20-5B TO T.B.M #1 |
| 1 | 148 | 278 | 449 5 | 167 129 38 | 204 | 541 | 505 5 | 225 185 38 | BM 20-5B |
| | | | | | | | | | Baldwin Av. @ Norman |
| 2 | 68 | 530 | 369 5 | 96 40 56 | 234 | 474 | 535 5 | 263 205 58 | N.E. COR |
| | | | | 94 | | | | 264 96 | F.B. 3712-87 |
| 3 | 75 | 924 | 376 5 | 102 48 54 | 237 | 493 | 538 5 | ~~264~~ 210 54 | ⊼ Peterson |
| | | | | 148 | | | | 150 | Rebun |
| 4 | 76 | 773 | 377 5 | 105 47 58 | 259 | 187 | 560 5 | 289 229 60 | |
| | | | | 206 | | | | 210 | |
| 5 | 80 | 571 | 381 5 | 105 55 50 | 202 | 545 | 503 5 | 225 179 46 | |
| | | | | 256 | | | | 256 | |
| 6 | 70 | 063 | 371 5 | 99 41 58 | 238 | 169 | 539 5 | 266 210 56 | |
| | +520 | 139 | | 314 | +376 | 409 | | 312 | |
| | | | | | +520 | 139 | | 314 | |
| T.B.M #1 | | | | | -856 | 270 | | 626 | T.B.M #1 |
| | | | | | | | | | No Ref. |

F.B. 4118 PG. 228 JOB NO. 030102

SURVEY OF L.A. CO. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 20 Sept 71

INDEXED E. J. GALLI DATE

WEATHER Hazy

TIME 10:30

NOTES CHKD

INST. NO. 75234

ROD NO. 1713 HB

DATE

T=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 RANDALL
NOTES BY PETERSON DATE 9-15-71 WEATHER HAZY
INDEXED J. GALLI DATE OCT 4 71 TIME 08:15 INST. NO. 75234
NOTES CHKD. DATE ROD NO. 17/3/46
F.B. 4118 PG. 229

| STATION | BACKSIGHT Right | Mic. | Left | | Stadia | | FORESIGHT Right | Mic. | Left | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 20-5B | | | | | | | | | | | | | FROM BM 20-5B TO BM 20-5A |
| 1 | 218 | 523 | 519 | 5 | 235 201 | 34 | 90 | 792 | 391 | 5 | 108 72 | 36 | BM 20-5B |
| | | | | | | | | | | | | | BALDWIN AVE AT NORMAN N.E. COR |
| 2 | 211 | 662 | 512 | 5 | 239 183 | 56 | 79 | 162 | 380 | 5 | 106 52 | 54 | FB 3712-87 |
| | | | | | | 90 | | | | | | 90 | |
| 3 | 216 | 128 | 517 | 5 | 246 186 | 60 | 81 | 102 | 382 | 5 | 111 51 | 60 | T ANDERSON |
| | | | | | | 150 | | | | | | 150 | |
| 4 | 186 | 252 | 487 | 5 | 208 164 | 44 | 91 | 473 | 392 | 5 | 115 64 | 44 | |
| | | | | | | 194 | | | | | | 194 | |
| 5 | 202 | 195 | 503 | 5 | 231 173 | 58 | 93 | 442 | 394 | 5 | 122 64 | 58 | |
| | | | | | | 252 | | | | | | 252 | |
| 6 | 173 | 088 | 474 | 5 | 195 151 | 44 | 97 | 540 | 398 | 5 | 120 74 | 46 | |
| | | | | | | 296 | | | | | | 298 | |
| 7 | 149 | 900 | 450 | 5 | 161 137 | 24 | 134 | 678 | 435 | 5 | 144 124 | 20 | |
| | | | | | | 320 | | | | | | 318 | |
| 8 | 150 | 548 | 451 | 5 | 155 145 | 10 | 144 | 828 | 445 | 5 | 149 139 | 10 | |
| + | 1508 | 296 | | | | 330 | 813 | 017 | | | | 328 | |
| - | 813 | 017 | | | | | | | | | | 330 | |
| BM 20-5A + | 695 | 279 | | | | | | | | | | 658 | BM 20-5A |
| | | | | | | | | | | | | | BALDWIN AVE & DOANE RD N.E. COR |
| | | | | | | | | | | | | | FB. 3712-89 |

T = 72

244

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM20-5A | | | | | | | | | FROM BM20-5A TO BM20-5B |
| 1 | 132 | 462 | 433 5 | 162 / 102 60 | 197 | 865 | 498 5 | 228 / 166 62 | BM 20-5A |
| | | | | | | | | | BALDWIN AVE & DUARTE RD |
| 2 | 86 | 924 | 387 5 | 119 / 53 66 | 185 | 453 | 486 5 | 216 / 154 62 | N.E. LY COR |
| | | | | 126 | OK | OK | | 124 | F.B. 3712-89 |
| 3 | 73 | 188 | 374 5 | 97 / 49 48 | 191 | 191 | 492 5 | 215 / 167 48 | |
| | | | | 174 | | | | 172 | K ANDERSON |
| 4 | 87 | 738 | 388 5 | 117 / 57 60 | 200 | 962 | 501 5 | 230 / 170 60 | |
| | | | | 234 | | | | 232 | |
| 5 | 55 | 180 | 356 5 | 89 / 21 68 | 232 | 262 | 533 5 | 266 / 198 68 | |
| | | | | 302 | | | | 300 | |
| 6 | 88 | 395 | 389 5 | 106 / 70 36 | 211 | 404 | 512 5 | 230 / 192 38 | |
| | +523 | 887 | | 338 | 1219 | 137 | | 338 | |
| | | | | | +523 | 887 | | 338 | |
| | | | | | ~~6~~ | ~~250~~ | | 676 | |
| | | | | | -695 | 250 | | | |
| BM 20-5B | | | | | | | | | BM20-5B |
| | | | | | | | | | BALDWIN AVE AT NORMAN |
| | | | | | | | | | N.E. COR |
| | | | | | | | | | F.B. 3712-87 |

F.B. 4118 PG. 230 JOB NO. D301.02 T=76

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 9-17-71

INDEXED J. GALLI DATE

WEATHER OVERCAST INST. NO. TS234

TIME 14:45 ROD NO. 1713A

NOTES CHKD. 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 RANDALL

NOTES BY PETERSON DATE 9-15-71

INDEXED C. J. GALLI DATE OCT 4 '71

WEATHER HAZY

TIME 09:00

NOTES CHKD

DATE

INST. NO. 75234

ROD NO. 1713AB

F.B. 4118 PG. 231

T= 74

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM20-5A | | | | | | | | | FROM BM 20-5A TO BM 20-6 |
| 1 | 161 | 360 | 462 5 | 188 / 134 54 | 123 | 202 | 424 5 | 150 / 96 54 | BM 20-5A |
| | | | | | | | | | BALDWIN AVE & QUARTE RD N.E. COR |
| 2 | 185 | 292 | 486 5 | 217 / 153 64 | 70 | 010 | 371 5 | 102 / 38 64 | F.B. 3712-89 |
| | | | | 118 | | | | 118 | |
| 3 | 196 | 267 | 497 5 | 229 / 163 66 | 97 | 564 | 398 5 | 129 / 65 64 | |
| | | | | 184 | | | | 182 | π ANDERSON |
| 4 | 178 | 468 | 479 5 | 201 / 149 58 | 98 | 560 | 399 5 | 127 / 69 58 | |
| | | | | 242 | | | | 240 | |
| 5 | 177 | 698 | 478 5 | 198 / 156 42 | 135 | 702 | 436 5 | 155 / 115 40 | |
| | | | | 284 | | | | 280 | |
| 6 | 162 | 805 | 463 5 | 179 / 145 34 | 125 | 807 | 426 5 | 145 / 105 40 | |
| | + 1061 | 890 | | 318 | 650 | 845 | | 320 | |
| | - 650 | 845 | | | | | | 318 | |
| | + 411 | 045 | | | | | | 638 | |
| BM20-6 | | | | | | | | | BM 20-6 |
| | | | | | | | | | BALDWIN AVE & HUNTINGTON DR N.E. COR |
| | | | | | | | | | F.B. 1383-179 |

240

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM20-6 | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 20-6 TO BM 20-5A |
| 1 | 191 | 478 | 492 5 | 217 / 165 52 | 225 | 138 | 526 5 | 252 / 198 54 | BM 20-6 |
| | | | | | | | | | HUNTINGTON DR & BALDWIN AVE |
| 2 | 119 | 848 | 420 5 | 148 / 90 58 | 211 | 828 | 512 5 | 241 / 181 60 | N.E. LY COR |
| | | | | 110 | | | | 114 | F.B. 1383-179 |
| 3 | 112 | 868 | 413 5 | 142 / 82 60 | 185 | 470 | 486 5 | 218 / 152 66 | |
| | | | | 170 | | | | 180 | |
| 4 | 85 | 642 | 386 5 | 116 / 54 62 | 189 | 572 | 490 5 | 216 / 162 54 | |
| | | | | 232 | (172) | | | 234 | ANDERSON |
| 5 | 101 | 910 | 402 5 | 132 / 70 62 | 172 | 048 | 473 5 | 206 / 138 68 | |
| | | | | 294 | | | | 302 | |
| 6 | 125 | 618 | 426 5 | 144 / 106 38 | 164 | 362 | 465 5 | 178 / 150 28 | |
| | + 737 | 364 | | 332 | 1148 | 418 | | 330 | |
| | | | | | + 737 | 364 | | 332 | |
| | | | | | - 411 | 054 | | 662 | |
| BM 20-5A | | | | | | | | | BM 20-5A |
| | | | | | | | | | BALDWIN AVE & DUARTE RD |
| | | | | | | | | | N.E. LY COR |
| | | | | | | | | | F.B. 3712-89 |

F.B. 4118 PG. 232 JOB NO. 0301.02 T = 76°

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 9-17-71

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 75234

TIME 14:05 ROD NO. 1713A

NOTES CHKD. 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 Ramoll " WEATHER Haze
NOTES BY " DATE 15-Sep-71 TIME 09:45 INST. NO. 75234
INDEXED E. J. GALL DATE 4-11 NOTES CHKD DATE ROD NO. 1173A13
F.B. 4118 PG. 233
T = 80°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20-6 | | | | | | | | | | | | | FROM BM 20-6 TO BM 20-6A |
| 1 | 225 | 498 | 526 | 5 | 250 / 200 | 50 | 63 | 561 | 364 | 5 | 88 / 38 | 50 | BM 20-6 |
| | | | | | | | | | | | | | Baldwin Ave @ Huntington Dr. |
| 2 | 234 | 880 | 535 | 5 | 269 / 199 | 70 | 55 | 940 | 356 | 5 | 89 / 21 | 68 | F.B. 1383-179 |
| | | | | | | 120 | | | | | | 118 | |
| 3 | 233 | 380 | 534 | 5 | 262 / 209 | 58 | 44 | 448 | 345 | 5 | 72 / 16 | 56 | T. Anderson |
| | | | | | | 178 | | | | | | 174 | |
| 4 | 236 | 848 | 537 | 5 | 267 / 205 | 62 | 72 | 623 | 373 | 5 | 105 / 39 | 66 | |
| | | | | | | 240 | | | | | | 240 | |
| 5 | 173 | 068 | 474 | 5 | 187 / 159 | 28 | 107 | 792 | 408 | 5 | 121 / 93 | 28 | |
| | | | | | | 268 | | | | | | 268 | |
| 6 | 236 | 440 | 537 | 5 | 260 / 212 | 48 | 94 | 138 | 395 | 5 | 117 / 71 | 46 | |
| | +1340 | 114 | | | | 316 | 438 | 502 | | | | 314 | BM 20-6A |
| | -438 | 502 | | | | | | | | | | 316 | Huntington Dr @ Golden West |
| 20-6A | +901 | 612 | | | | | | | | | | 630 | F.B. 3712-93 |

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.**

INST. NO. 75234 ROD NO. 1713AB DATE

WEATHER Overcast TIME 13:15 NOTES CHKD.

T= 740

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20-6A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 20-6A TO BM 20-6 |
| 1 | 58 | 793 | 359 | S | ½) 93 58 | 70 | 242 | 186 | 543 | S | 277 207 | 70 | BM 20-6A |
| | | | | | | | | | | | 246 | | Huntington Dr. @ Golden West |
| 2 | 59 | 430 | 360 | S | 86 32 | 54 | 218 | 575 | 519 | S | 190 | 56 | B.F.B. 3712-93 |
| | | | | | | 124 | | | | | | 126 | |
| 3 | 42 | 185 | 343 | S | ½) 76 42 | 68 | 234 | 930 | 535 | S | 270 198 | 72 | T Anderson |
| | Note | | | | | 192 | | | | | | 198 | |
| 4 | 42 | 294 | 343 | S | 72 12 | 60 | 232 | 632 | 533 | S | 259 205 | 54 | |
| | | | | | | 252 | | | | | | 252 | |
| 5 | 87 | 188 | 388 | S | 101 73 | 28 | 165 | 787 | 466 | S | 180 150 | 30 | |
| | | | | | | 2380 | | | | | | 282 | |
| 6 | 86 | 072 | 387 | S | 103 69 | 34 | 183 | 690 | 484 | S | 199 167 | 32 | BM 20-6 |
| | + 375 | 962 | | | | 314 | 1277 | 800 | | | | 314 | Huntington Dr. @ Baldwin |
| 20-6 | | | | | | | - 375 | 962 | | | | 314 | F.B. 1383-179 |
| | | | | | | | = 901 | 838 | | | | 628 | |

F.B. 4118 PG. 234 JOB NO. 030102

SURVEY OF Landell NOTES SGB 17-Sep-71

SURVEY BY E. J. GALLI DATE

INDEXED

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

T = 86°

F.B. 4118 PG. 233 5

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 15 - SEPT. '71 TIME 10:35 ROD NO. 1713 A&B

INDEXED [illegible] J. GALLI DATE OCT 4 '71 NOTES CHKD. DATE

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. 20-6A | | | | 284 | | | | 112 | FROM B.M. 20-6A TO B.M. 20-7 |
| 1 | 259 | 301 | 560 5 | 234 50 | 87 | 032 | 388 5 | 62 50 | B.M. 20-6A |
| | | | | 287 | | | | 121 | HUNTINGTON DR. & GOLDEN |
| 2 | 257 | 589 | 558 5 | 227 60 | 91 | 928 | 392 5 | 61 60 | WEST AVE. (CENTER DIVIDER) |
| | | | | 268 110 | | | | 126 110 | F.B. 3712-93 |
| 3 | 242 | 702 | 543 5 | 216 52 | 101 | 549 | 402 5 | 76 50 | |
| | | | | 268 162 | | | | 132 160 | |
| 4 | 243 | 128 | 544 5 | 218 50 | 106 | 428 | 407 5 | 80 52 | 126 |
| | | | | 264 212 | 101 | 011 | 402 5 | 121 242 | 76 ⊼ = RODRIGUEZ |
| 5 | 239 | 961 | 540 5 | 214 50 | 91 | 542 | 392 5 | 64 50 | |
| | | | | 261 262 | | | | 157 262 | |
| 6 | 236 | 120 | 537 5 | 211 50 | 132 | 899 | 433 5 | 107 50 | |
| | +1478 | 801 | | 312 | 620 | 847 | | 312 | |
| B.M. 20-7 | 620 | 847 | | | | | | 312 | B.M. 20-7 |
| | +857 | 954 | | | | | | 624 | HUNTINGTON DR. & MICHELLINDA |
| | | | | | | | | | F.B. 1388-180 N.W. COR |

236

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 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-7 | | | | | | | | | FROM B.M. 20-7 TO B.M. 20-6A |
| 1 | 135 | 340 | 436 5 | 162 / 108 54 | 218 | 911 | 519 5 | 244 / 192 52 | B.M. 20-7 |
| | | | | 98 | | | | 262 | HUNTINGTON DR. & MICHILLINDA |
| 2 | 65 | 432 | 366 5 | 32 66 | 231 | 811 | 532 5 | 200 62 | F.B. 1383-180 N.W. COR. |
| | | | | 96 120 | | | | 297 114 | |
| 3 | 63 | 659 | 364 5 | 30 66 | 259 | 552 | 560 5 | 221 76 | |
| | | | | 100 186 | | | | 262 190 | |
| 4 | 69 | 668 | 370 5 | 38 62 | 233 | 971 | 534 5 | 204 58 | T = RODRIGUEZ |
| | | | | 134 248 | | | | 206 248 | |
| 5 | 123 | 660 | 424 5 | 112 22 | 195 | 238 | 496 5 | 184 22 | |
| | | | | 100 270 | | | | 277 270 | |
| 6 | 77 | 542 | 378 5 | 54 46 | 253 | 712 | 554 5 | 229 ~~48~~ 48 | |
| | + 535 | 301 | | 316 | 1393 | 195 | | 318 | |
| B.M. 20-6A | | | | | + 535 | 301 | | 316 | B.M. 20-6A |
| | | | | | 857 | 894 | | 634 | HUNTINGTON DR. & GOLDEN WEST AVE. (CENTER DIVIDER F.B. 3712-93 |

F.B. 4118 PG. 234 6 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON - DATE: 17-SEPT. 17

INDEXED E. J. GALL DATE

WEATHER OVERCAST & CALM INST. NO. 7523

TIME 11:35 ROD NO. 1713

NOTES CHKD. DATE

T = 76°

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 |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-7 | | | | | | | | | FROM B.M. 20-7 TO B.M. 20-7A |
| 1 | 227 | 638 | 528 5 | 252 202 50 | 86 | 280 | 387 5 | 111 61 50 | B.M. 20-7 |
| | | | | 226 | | | | 170 | HUNTINGTON DR. & MICHELLINDA |
| 2 | 196 | 129 | 497 5 | 166 60 | 140 | 752 | 441 5 | 110 60 | F.B. 1383-180 N.W. COR. |
| | | | | 190 110 | | | | 160 110 | |
| 3 | 162 | 881 | 463 5 | 134 56 | 132 | 611 | 433 5 | 104 56 | |
| | | | | 172 166 | | | | 110 166 | |
| 4 | 154 | 540 | 455 5 | 136 36 | 92 | 872 | 393 5 | 74 36 | π = RODRIGUEZ |
| | +741 | 188 | | 202 | 452 | 515 | | 202 | |
| B.M. 20-7A | 452 | 515 | | | | | | 202 | B.M. 20-7A |
| | +288 | 673 | | | | | | 404 | MICHILLINDA AVE. & CALIFORNIA |
| | | | | | | | | | BLVD. & SUNSET N.W. COR. |
| | | | | | | | | | F.B. 3712-97 |

190

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 86°

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 15-SEPT. '71 TIME 11:25 ROD NO. 1713 A-B

INDEXED C. J. GALLI DATE OCT 4 '71 NOTES CHKD DATE

F.B. 4118 PG. 237

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-7A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 20-7A TO B.M. 20-7 |
| 1 | ~~114~~ | ~~580~~ | ~~415~~ | ~~5~~ | ~~132~~ ~~96~~ | ~~36~~ | 168 | 099 | 469 | 5 | 184 152 | 32 | B.M. 20-7A |
| | 114 | 362 | 415 | 5 | 132 168 96 | 36 | | | | | 204 | | MICHILLINDA DR. & CALIFORNIA |
| 2 | 139 | 402 | 440 | 5 | 110 | 58 | 175 | 772 | 476 | 5 | 146 | 58 | BLVD. & SUNSET |
| | | | | | 168 | 94 | | | | | 199 | 90 | F.B. 3712-97 N.W. COK |
| 3 | 145 | 952 | 446 | 5 | 122 | 46 | 174 | 352 | 475 | 5 | 149 | 50 | |
| | | | | | 132 | 140 | | | | | 238 | 140 | T = RODRIGUEZ |
| 4 | 108 | 779 | 409 | 5 | 84 | 48 | 215 | 442 | 516 | 5 | 192 | 46 | |
| | | | | | 132 | 188 | | | | | 183 | 186 | |
| 5 | 119 | 550 | 420 | 5 | 106 | 26 | 183 | 189 | 484 | 5 | 169 | 28 | |
| | + 628 | 045 | | | | 214 | 916 | 854 | | | | 214 | |
| B.M. 20-7 | | | | | | | + 628 | 045 | | | | 214 | B.M. 20-7 |
| | | | | | | | + 288 | 809 | | | | 428 | HUNTINGTON DR. & MICHILLINDA |
| | | | | | | | | | | | | | F.B. 1383-180 N.W. COK |

F.B. 4118 Pg. 238 JOB NO. 0301.02 T = 76°

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER OVERCAST & CALM INST. NO. 75234

SURVEY BY RANDALL NOTES ANDERSON - DATE: 17-SEP. 171 TIME 11:05 ROD NO. 1712 A

INDEXED B. J. GALLI DATE NOTES CHKD. 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 V. RANDALL

NOTES BY R. ANDERSON DATE 15-SEPT. '71

INDEXED E. J. GAIL DATE OCT 4 '71

WEATHER CLEAR & CALM

TIME 13:25

NOTES CHKD.

DATE

INST. NO. 75234

ROD NO. 1713A°B

F.B. 4118 PG. 239

T = 88°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-7A | | | | | | | | | | | | | FROM B.M. 20-7A TO B.M. 20-8 |
| 1 | 168 | 370 | 469 | 5 | 185 / 151 | 34 | 87 | 969 | 388 | 5 | 164 / 70 | 34 | B.M. 20-7A |
| | | | | | 287 | | | | | | 92 | | MICHILLINDA DR. & CALIFORNIA |
| 2 | 261 | 120 | 562 | 5 | 235 | 52 | 64 | 770 | 365 | 5 | 36 | 56 | BLVD. & SUNSET N.W. COR. |
| | | | | | 234 | 86 | | | | | 44 | 90 | F.B. 3712-97 |
| 3 | 208 | 488 | 509 | 5 | 182 | 52 | 19 | 110 | 320 | 5 | 19 ½ | 50 | |
| | | | | | 293 | 138 | | | | | 49 | 140 | |
| 4 | 293 | 622 | 594 | 5 | 266 ½ | 54 | 23 | 189 | 324 | 5 | 23 ½ | 52 | |
| | | | | | 288 | 192 | | | | | 95 | 192 | T = RODRIGUEZ |
| 5 | 258 | 022 | 559 | 5 | 228 | 60 | 65 | 742 | 366 | 5 | 35 | 60 | |
| | | | | | 288 | 252 | | | | | 114 | 252 | |
| 6 | 263 | 290 | 564 | 5 | 238 | 50 | 89 | 500 | 390 | 5 | 64 | 50 | |
| | | | | | 275 | 302 | | | | | 123 | 302 | |
| 7 | 245 | 131 | 546 | 5 | 215 | 60 | 93 | 632 | 394 | 5 | 63 | 60 | |
| | | | | | 194 | 362 | | | | | 174 | 362 | |
| 8 | 184 | 382 | 485 | 5 | 174 | 20 | 164 | 890 | 465 | 5 | 154 | 20 | |
| | + 1882 | 425 | | | | 382 | 608 | 802 | | | | 382 | |
| B.M. 20-8 | - 608 | 802 | | | | | | | | | | 382 | B.M. 20-8 |
| | + 1273 | 623 | | | | | | | | | | 764 | MICHILLINDA AVE. & SYCAMORE |
| | | | | | | | | | | | | | AVE. & PANORAMA N.W. COR. |
| | | | | | | | | | | | | | F.B. 1383-181 |

262

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. 20-8 | | | | | | | | | FROM B.M. 20-8 TO B.M. 20-7A |
| 1 | 89 | 231 | 390 5 | 124 54 70 | 264 | 702 | 565 5 | 299 229 70 | B.M. 20-8 |
| 2 | 71 | 920 | 372 5 | 104 38 66 | 259 | 132 | 560 5 | 288 230 58 | MICHILLINDA & SYCAMORE & PANORAMA N.W. COR. |
| | | | | 78 136 | 295 | 440 | 596 5 | ~~293~~ 128 | F.B. 1383-181 |
| 3 | 49 | 890 | 350 5 | 20 58 | ~~293~~ | ~~422~~ | ~~594~~ 5 | ~~255~~ 166 | 295 |
| | | | | 40 194 | | | | 285 194 | 262 1/2 |
| 4 | 15 | 622 | 316 5 | 15 1/2 50 | 285 | 681 | 586 5 | 259 1/2 52 | |
| | | | | 97 244 | | | | 270 246 | |
| 5 | 68 | 740 | 369 5 | 39 58 | 241 | 458 | 542 5 | 212 50 | |
| | | | | 87 302 | 232 | 062 | 533 5 | ~~258~~ 304 | 255 ⊼ = RODRIGUEZ |
| 6 | 63 | 808 | 364 5 | 39 48 | ~~240~~ | ~~180~~ | ~~541~~ 5 | ~~222~~ 46 | 209 |
| | | | | 119 350 | | | | 174 350 | |
| 7 | 109 | 570 | 410 5 | 99 20 | 164 | 158 | 465 5 | 154 20 | |
| + | 468 | 781 | | 370 | 1742 | 633 | | 370 | |
| B.M. 20-7A | | | | | + 468 | 781 | | 370 | B.M. 20-7A |
| | | | | | - 1273 | 852 | | 740 | MICHILLINDA & CALIFORNIA & SUNSET N.W. COR. |
| | | | | | | | | | F.B. 3712-97 |

F.B. 4118 PG. 228 240 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 17-SEP. '71

INDEXED C. J. GALLI DATE

WEATHER OVERCAST & CALM INST. NO. 752-34

TIME ~~08:30~~ 9:50 ROD NO. 1713 [illegible]

NOTES CHKD DATE

T = 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 Bonzoll " DATE 15-Sept-71 WEATHER Haze INST. NO. 75234

NOTES BY " TIME 14:15 ROD NO. 1713A.13

INDEXED J. Gall DATE 6-71 NOTES CHKD DATE

T = 920

F.B. 4118 Pg. 239 241

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20-8 | | | | | | | | | | | | | From BM 20-8 To T.B.M. Nº 2 |
| 1 | 246 | 440 | 547 | 5 | 271 / 221 | 50 | 54 | 488 | 355 | 5 | 80 / 28 | 52 | BM 20-8 |
| | | | | | | | | | | | | | Michillinda @ Sycamore N.W. Cor. |
| 2 | 251 | 605 | 552 | 5 | 296 / 226 | 50 | 92 | 702 | 393 | 5 | 117 / 67 | 50 | F.B. 1383-181 |
| | | | | | | 100 | | | | | | 102 | |
| 3 | 179 | 383 | 480 | 5 | 205 / 153 | 52 | 102 | 771 | 403 | 5 | 128 / 76 | 52 | X Peterson |
| | | | | | | 152 | | | | | | 154 | |
| 4 | 214 | 703 | 515 | 5 | 240 / 188 | 52 | 100 | 638 | 401 | 5 | 124 / 76 | 48 | |
| | | | NOTE | | | 204 | | | | | | 202 | |
| 5 | 199 | 500 | 500 | 5 | 222 / 176 | 46 | 80 | 955 | 381 | 5 | 104 / 56 | 48 | |
| | | | | | | 250 | | | | | | 250 | |
| 6 | 265 | 919 | 566 | 5 | 294 / 236 | 58 | 61 | 786 | 362 | 5 | 91 / 31 | 60 | |
| | | | | | | 308 | | | | | | 310 | |
| 7 | 230 | 997 | 531 | 5 | 250 / 210 | 40 | 84 | 375 | 385 | 5 | 104 / 64 | 40 | |
| | | | | | | 348 | | | | | | 350 | |
| 8 | 199 | 383 | 500 | 5 | 206 / 192 | 14 | 91 | 405 | 392 | 5 | 98 / 84 | 14 | T.B.M. Nº 2 |
| | +1787 | 930 | | | | 362 | 669 | 120 | | | | 364 | Spk. in PP |
| T.B.M. Nº 2 | -669 | 120 | | | | | | | | | | 362 | No Ref. |
| | +1118 | 810 | | | | | | | | | | 726 | |

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 |
|---|---|---|---|---|---|---|---|---|---|
| T.BM#2 | | | | | | | | | FROM T.BM#2 TO BM20-8 |
| 1 | 35 | 321 | 336 5 | 53 17 36 | 207 | 431 | 508 5 | 226 188 38 | T.BM #2 |
| | | | | | | | | | Michillinda @ Colorado ± 150' |
| 2 | 51 | 902 | 352 5 | 73 29 44 | 214 | 272 | 515 5 | 236 192 44 | So. of Colorado E. in P.P. # |
| | | | | 80 | | | | 82 | (3872E) △ PETERSON |
| 3 | 87 | 495 | 388 5 | 114 60 54 | 206 | 864 | 507 5 | 233 179 54 | |
| | | | | 134 | | | | 136 | |
| 4 | 41 | 161 | 342 5 | 70 12 58 | 224 | 327 | 525 5 | 253 195 58 | |
| | | | | 192 | | | | 194 | |
| 5 | 91 | 961 | 392 5 | 118 64 54 | 214 | 467 | 515 5 | 241 187 54 | |
| | | | | 246 | | | | 248 | |
| 6 | 127 | 285 | 428 5 | 157 97 60 | 259 | 689 | 560 5 | 288 230 58 | |
| | | | | 306 | | | | 306 | |
| 7 | 88 | 448 | 389 5 | 105 71 34 | 224 | 585 | 525 5 | 242 206 36 | |
| | | | | 340 | | | | 342 | |
| 8 | 119 | 788 | 420 5 | 133 105 28 | 210 | 412 | 511 5 | 223 197 26 | |
| | +643 | 361 | | 368 | 1762 | 047 | | 368 | |
| | | | | | +643 | 361 | | 368 | |
| BM20-8 | | | | | +1118 | 686 | | 736 | BM20-8 + PANORAMA DR |
| | | | | | | | | | Michillinda @ Sycamore |
| | | | | | | | | | N.W. COR |
| | | | | | | | | | FB 1383-181 |

F.B. 4118 PG. 24 30

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Rendell NOTES Rodriguez 17 SEPT 71

INDEXED R. J. GALLI DATE

JOB NO. 0301.02

WEATHER Overcast TIME 8:50 NOTES CHKD. DATE

INST. NO. 75231 ROD NO. 1713 PG. 23

T = 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 Randall

NOTES BY Rodriguez DATE 16 Sept. 71 TIME 8:20 WEATHER Overcast INST. NO 75234

INDEXED C. J. GALLI DATE M 4 T NOTES CHKD. DATE

F.B. 4118 PG. 243

T = 70°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T.B.M #2 | | | | | | | | | | | | | FROM T.B.M #2 TO BM 10-10A |
| 1 | 247 | 553 | 548 | 5 | 267 227 | 40 | 111 | 697 | 412 | 5 | 132 90 | 42 | T.B.M #2 |
| | | | | | | | | | | | | | IN Pole # 13872E ±150' |
| 2 | 116 | 069 | 417 | 5 | 140 92 | 48 | 26 | 476 | 327 | 5 | 49 3 | 46 | So of Colorado Blvd |
| | | | | | | 88 | | | | | | 88 | ⊼ Peterson |
| 3 | 293 | 093 | 594 | 5 | 1293 282 | 22 | 15 | 777 | 316 | 5 | 25 5 | 20 | |
| | | | | | | 110 | | | | | | 108 | |
| 4 | 272 | 757 | 573 | 5 | 279 265 | 14 | 27 | 297 | 328 | 5 | 34 20 | 14 | |
| NOTE | ↕ | | | | | 124 | | | | | | 122 | |
| 5 | 272 | 572 | 573 | 5 | 281 263 | 18 | 41 | 961 | 342 | 5 | 50 32 | 18 | |
| | | | | | | 142 | | | | | | 140 | |
| 6 | 277 | 723 | 578 | 5 | 291 263 | 28 | 63 | 522 | 364 | 5 | 78 48 | 30 | |
| | | | | | | 170 | | | | | | 170 | |
| 7 | 187 | 470 | 488 | 5 | 193 181 | 12 | 140 | 274 | 441 | 5 | 145 135 | 10 | |
| + | 1667 | 237 | | | | 182 | 427 | 004 | | | | 180 | |
| - | 427 | 004 | | | | | | | | | | 182 | |
| BM 10-10A + | 1240 | 233 | | | | | | | | | | 362 | BM 10-10A |
| | | | | | | | | | | | | | Michillinda @ Foothill Blvd |
| | | | | | | | | | | | | | N.W. COR |
| | | | | | | | | | | | | | F.B. 3709-34 |

180

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. 4118 PG. 24 JOB NO. 0301.02

SURVEY OF L.A.CO Precise Level Net

SURVEY BY Pantell NOTES Rodriguez 16 Sept 71

INDEXED B. J. GALLI DATE

T=78

WEATHER Overcast INST. NO. 75234

TIME 14:15 ROD NO. 1713 AB

NOTES CHKD DATE

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BM10-10A | | | | | | | | | | | FROM BM10-10A TO T.BM #2 |
| 1 | 45 | 470 | 346 | 5 | 65 25 | 40 | 298 | 202 | 599 | 5 | 298 278 40 | BM 10-10A |
| | | | | | | | | | | | Michillinda @ Foothill Blvd |
| 2 | 44 | 492 | 345 | 5 | 62 26 | 36 | 282 | 211 | 583 | 5 | 300 264 36 | N.W. COR |
| | | | | | | 76 | | | | | 76 | F.B. 3709-34 |
| 3 | 38 | 405 | 339 | 5 | 54 22 | 32 | 296 | 308 | 597 | 5 | 296 279 34 | T Peterson |
| | | | | | | 108 | | | | | 110 |
| 4 | 33 | 693 | 334 | 5 | 50 16 | 34 | 297 | 917 | 598 | 5 | 297 280 34 |
| | | 530 | | | | 142 | | | | | 144 |
| 5 | 50 | ~~530~~ | 351 | 5 | 23 27 | 46 | 156 | 293 | 457 | 5 | 179 133 46 |
| | | | | | | 188 | | | | | 190 |
| 6 | 130 | 084 | 431 | 5 | 154 106 | 48 | 252 | 004 | 553 | 5 | 274 230 44 |
| | + 342 | 674 | | | | 236 | 1582 | 935 | | | 234 |
| | | | | | | | - 342 | 674 | | | 236 |
| T.BM #2 | | | | | | | - 1240 | 261 | | | 470 T.BM #2 |
| | | | | | | | | | | | No Ref. |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BM10-10A | | | | | | | | | | | FROM BM10-10A TO BM10-9C |
| 1 | 133 | 442 | 434 5 | 138 128 | 10 | 164 | 031 | 465 5 | 169 159 | 10 | BM 10-10A |
| | | | | | | | | | | | Michillinda @ Foothill |
| 2 | 232 | 737 | 533 5 | 262 202 | 60 | 70 | 228 | 371 5 | 100 40 | 60 | N.W. COR. |
| | | | | | 70 | | | | | 70 | F.B. 3709-34 |
| 3 | 235 | 6 267 | 536 5 | 265 205 | 60 | 70 | 650 | 371 5 | 100 40 | 60 | |
| | | | | | 130 | | | | | 130 | ⊼ PETERSON |
| 4 | 227 | 965 | 528 5 | 254 200 | 54 | 77 | 201 | 378 5 | 104 50 | 54 | |
| | | | | | 184 | | | | | 184 | |
| 5 | 201 | 625 | 502 5 | 227 175 | 52 | 196 | 188 | 497 5 | 223 169 | 54 | |
| | | | | | 236 | | | | | 238 | |
| 6 | 173 | 519 | 474 5 | 181 165 | 16 | 187 | 999 | 488 5 | 195 179 | 16 | |
| | + 1204 | 955 | | | 252 | 766 | 297 | | | 254 | |
| | - 766 | 297 | | | (252) | | | | | 252 | |
| BM 10-9C | + 438 | 658 | | | | | | | | 506 | |
| | | | | | | | | | | | BM 10-9C |
| | | | | | | | | | | | Foothill Blvd @ Rosemead |
| | | | | | | | | | | | N.E. COR |
| | | | | | | | | | | | F.B. 3709-32 |

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

SURVEY BY Randall

NOTES BY RODRIGUEZ DATE 16 SEPT 71 TIME 10:00 WEATHER OVERCAST TE 76° INST. NO 75234

INDEXED J. GAUL DATE OCT 4 '71 NOTES CHKD. ROD NO 1713AB DATE

F.B. 4118 PG. 245

214

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM10-9C | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM10-9C TO BM10-10A |
| 1 | 173 | 579 | 474 5 | 192 154 38 | 123 | 599 | 424 5 | 143 103 40 | BM10-9C |
| | | | | | | | | | Michillinda @ Rosemead |
| 2 | 104 | 431 | 405 5 | 132 76 56 | 233 | 427 | 534 5 | 261 205 56 | F.B. 3712-32 |
| | | | | 94 | | | | 96 | |
| 3 | 86 | 622 | 387 5 | 112 60 52 | 238 | 027 | 539 5 | 238 212 52 | K Peterson |
| | | | | 146 | | | | 148 | |
| 4 | 70 | 477 | 371 5 | 100 40 60 | 243 | 789 | 544 5 | 274 212 62 | |
| | | | | 206 | | | | 210 | |
| 5 | 103 | 339 | 404 5 | 122 84 38 | 171 | 344 | 472 5 | 190 152 38 | |
| | | | | 244 | | | | 248 | |
| 6 | 171 | 403 | 472 5 | 177 165 12 | 138 | 181 | 439 5 | 143 133 10 | |
| | + 709 | 851 | | 256 | 1148 | 367 | | 258 | |
| | | | | | + 709 | 851 | | 256 | |
| BM10-10A | | | | | - 438 | 516 | | 514 | BM10-10A |
| | | | | | | | | | Michillinda @ Foothill N.W. Cor. |
| | | | | | | | | | F.B. 3709-34 |

F.B. 4118 PG. 2446 JOB NO. 0301.02

SURVEY OF L.A. CO. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 16 Sept 71

INDEXED J. GALLI DATE

WEATHER overcast INST. NO. 75234

TIME 13:20 ROD NO 1713AB

NOTES CHKD. DATE

T = 73°

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 Randall

NOTES BY Peterson DATE 16 Sept. 71 WEATHER Overcast INST. NO. 75234

INDEXED J. GALLI DATE 4 71 TIME 10:40 ROD NO. 1713 HB

NOTES CHKD. DATE

F.B. 4118 PG. 24

T=70

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM 10-9C | | | | | | | | | FROM BM 10-9C TO BM 10-9 |
| 1 | 94 | 882 | 395 5 | 124 64 60 | 186 | 137 | 487 5 | 216 156 60 | BM 10-9C |
| | | | | | | | | | FOOTHILL @ Rosemead |
| 2 | 98 | 498 | 399 5 | 129 67 62 | 133 | 577 | 434 5 | 164 102 62 | N.E. COR |
| | | | | 122 | | | | 122 | F.B. 3712-32 |
| 3 | 184 | 073 | 485 5 | 218 150 68 | 38 | 002 | 339 5 | 71 5 66 | ⊼ Anderson |
| | | | | 190 | | | | 188 | |
| 4 | 242 | 932 | 543 5 | 272 207 70 | 60 | 444 | 361 5 | 95 25 70 | |
| | | | | 260 | | | | 258 | |
| 5 | 202 | 528 | 503 5 | 232 172 60 | 74 | 169 | 375 5 | 105 43 62 | |
| | | | | 320 | | | | 320 | |
| 6 | 216 | 660 | 517 5 | 251 181 70 | 39 | 830 | 340 5 | 74 4 70 | |
| | | | | 390 | | | | 390 | |
| 7 | 167 | 548 | 468 5 | 178 156 22 | 100 | 334 | 401 5 | 111 89 22 | |
| | | | | 412 | | | | 412 | |
| 8 | 186 | 888 | 487 5 | 195 177 18 | 131 | 930 | 432 5 | 140 122 18 | |
| | + 1394 | 009 | | 430 | 764 | 423 | | 430 | |
| | - 764 | 423 | | | | | | 430 | |
| | + 629 | 586 | | | | | | 860 | |
| BM 10-9 | | | | | | | | | BM 10-9 |
| | | | | | | | | | FOOTHILL BLVD & SIERRA MADRE VILLA |
| | | | | | | | | | N.E. COR |
| | | | | | | | | | F.B. 1375-133 |

278

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 10-9 | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM 10-9 TO BM 10-9G |
| 1 | 116 | 913 | 417 S | 140 / 92 48 | 203 | 622 | 504 S | 227 / 179 48 | BM 10-9 |
| | | | | | | | | | FOOTHILL BLVD & SIERRA MADRE VILLA ~~BLVD~~ AVE |
| 2 | 48 | 572 | 349 S | 78 / 18 60 | 214 | 313 | 515 S | 293 / 185 58 | N.E. COR |
| | | | | 108 | | | | 106 | F.B. 1375-133 |
| 3 | 69 | ~~332~~ 328 | 370 S | 103 / 35 68 | 213 | 409 | 514 S | 247 / 179 68 | |
| | | | | 176 | | | | 174 | |
| 4 | 55 | 130 | 356 S | 93 / 17 76 | 238 | 702 | 539 S | 275 / 201 74 | TANDERSON |
| | | | | 252 | | | | 248 | |
| 5 | 47 | 133 | 348 S | 75 / 19 56 | 202 | 198 | 503 S | 232 / 172 60 | |
| | | | | 308 | | | | 308 | |
| 6 | 98 | 982 | 399 S | 122 / 74 48 | 179 | 912 | 480 S | 204 / 154 50 | |
| | | | | 356 | | | | 358 | |
| 7 | 218 | 502 | 519 S | 250 / 186 64 | 109 | 162 | 410 S | 142 / 76 66 | |
| | | | | 420 | | | | 424 | |
| 8 | 195 | 443 | 496 S | 216 / 174 42 | 118 | 172 | 419 S | 137 / 99 38 | |
| | + 850 | 003 | | 462 | - 1479 | 490 | | 462 | |
| | | | | | - 850 | 003 | | 462 | |
| | | | | | - 629 | 487 | | 924 | |
| BM 10-9C | | | | | | | | | BM 10-9C |
| | | | | | | | | | FOOTHILL BLVD & ROSEMEAD BLVD |
| | | | | | | | | | N.E. COR |
| | | | | | | | | | F.B. 3709-32 |

F.B. 4118 PG. 248 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 9-16-71

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 75234

TIME 11:25 ROD NO. 17BAB

NOTES CHKD. DATE

T=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.

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM 20-4B | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 20-4B TO T.B.M. #1 |
| 1 | 204 | 392 | 505 | 5 | 218 / 190 | 28 | 98 | 960 | 399 | 5 | 110 / 86 | 24 | BM 20-4B |
| | | | | | | | | | | | | | BALDWIN & WALNUT S.E.'LY COR |
| 2 | 254 | 849 | 555 | 5 | 288 / 220 | 68 | 53 / 53 | 960 | 354 | 5 | 90 / 16 | 74 | FB - 3712-82 |
| | | | | | | 96 | | | | | | 98 | |
| | | | | | | | | | | | | 96 | π ANDERSON |
| | +459 | 241 | | | | | -152 | 920 | | | | 194 | |
| | -152 | 920 | | | | | | | | | | | |
| | +306 | 321 | | | | | | | | | | | |
| T.B.M. #1 | | | | | | | | | | | | | T.B.M. #1 |
| | | | | | | | | | | | | | BALDWIN AVE & LONGDEN |
| | | | | | | | | | | | | | N.E.'LY COR |

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 21-SEPT 71 WEATHER OVERCAST INST. NO. T5230

INDEXED E. J. GAHN DATE OCT 4 71 TIME 11:10 ROD NO. 1713AG

NOTES CHKD. DATE

T=72°

F.B. 4118 PG. 249

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 |
|---|---|---|---|---|---|---|---|---|---|
| T.B.M. #1 | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM T.B.M. #1 TO BM 20-4B |
| 1 | 77 | 362 | 378 5 | 108 46 62 | 231 | 342 | 532 5 | 262 200 62 | T.B.M. #1 |
| | | | | | | | | | BALDWIN AVE & LONGDEN AVE |
| 2 | 73 | 372 | 374 5 | 95 51 44 | 225 | 605 | 526 5 | 246 204 42 | N.E. COR |
| | | | | 106 | | | | 104 | |
| | | | | | | | | 106 | |
| | 150 | 734 | | | + 456 | 947 | | 210 | |
| | | | | | + 150 | 734 | | | |
| | | | | | - 306 | 213 | | | |
| BM20-4B | | | | | | | | | BM 20-4B |
| | | | | | | | | | BALDWIN AVE & WALNUT AVE |
| | | | | | | | | | S.E'LY COR |
| | | | | | | | | | F.B. 3712-82 |

F.B. 4118 PG. 250

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL

INDEXED J. GALLI

JOB NO. 0301.02

NOTES PETERSON 9-23-71

DATE

WEATHER HAZY & HOT

TIME 13:15

NOTES CHKD

INST. NO. 75234

ROD NO. 1713

DATE

f=88

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 RANDALL

NOTES BY PETERSON DATE SEP 21 71

INDEXED C. J. GAIN DATE OCT 4 71

WEATHER OVERCAST

TIME 11:25

NOTES CHKD

INST. NO. 75230

ROD NO. 1713A

DATE

F.B. 4118 PG. 251

T = 74

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| T.B.M. #1 | | | | | | | | | FROM T.B.M. #1 TO BM 20-9A |
| 1 | 95 | 282 | 396 5 | 104 86 18 | 151 | 488 | 452 5 | 160 142 18 | T.B.M. #1 |
| | | | | | | | | | BALDWIN AVE & LONGDEN |
| 2 | 100 | 138 | 401 5 | 133 67 66 | 199 | 698 | 500 5 | 231 167 64 | N.E. LY COR |
| | | | | 84 | | | | 82 | |
| 3 | 69 | 652 | 370 5 | 104 34 70 | 198 | 760 | 499 5 | 228 168 60 | |
| | | | | 154 | | | | 142 | ⊼ ANDERSON |
| 4 | 86 | 508 | 387 5 | 115 57 58 | 208 | 950 | 509 5 | 242 174 68 | |
| | | | | 212 | | | | 210 | |
| 5 | 76 | 750 | 377 5 | 111 41 70 | 218 | 043 | 519 5 | 218 (1) 181 (2) 74 | |
| | | | | 282 | 184 | 932 | 485 5 | 212 156 284 | |
| 6 | 111 | 532 | 412 5 | 138 (1) 111 (2) 54 | ~~188~~ | ~~182~~ | ~~489 5~~ | ~~220 156~~ ~~4~~ | 56 |
| | | | | 336 | | | | 340 | |
| 7 | 120 | 230 | 421 5 | 137 103 34 | 177 | 228 | 478 5 | 192 162 30 | |
| | | | | 370 | | | | 370 | 370 |
| 8 | 151 | 685 | 452 5 | 158 144 14 | 137 | 468 | 438 5 | 144 130 14 | |
| | +811 | 777 | | 384 | 1476 | 567 | | 384 | |
| | | | | | +811 | 777 | | 384 | |
| | | | | | -664 | 790 | | 768 | |
| BM 20-9A | | | | | | | | | BM 20-9A |
| | | | | | | | | | LONGDEN AVE & HOLLY AVE N.W. COR |
| | | | | | | | | | FB 3712-03 |

263

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM20-9A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM20-9A TO T.B.M.#1 |
| 1 | 117 | 657 | 418 | 5 | 128 / 106 | 22 | 128 | 512 | 429 | 5 | 139 / 117 | 22 | BM 20-9A NW. |
| | | | | | | | | | | | | | LONGDEN AVE & HOLLY AVE COR. |
| 2 | 219 | 668 | 520 | 5 | 253 / 185 | 68 | 92 | 220 | 393 | 5 | 126 / 58 | 68 | F.B. 3712-103 |
| | | | | | | 90 | | | | | | 90 | |
| 3 | 158 | 054 | 459 | 5 | 176 / 140 | 36 | 86 | 732 | 387 | 5 | 104 / 68 | 36 | |
| | | | | | | 126 | | | | | | 126 | T ANDERSON |
| 4 | 201 | 812 | 502 | 5 | 201 (6) / 165 | 72 | 67 | 156 | 368 | 5 | 103 / 31 | 72 | |
| | | | | | | 198 | 101 | | | | | 198 | |
| 5 | 196 | 793 | 497 | 5 | 229 / 163 | 66 | ~~101~~ | 912 | 402 | 5 | 135 / 67 | 68 | |
| | | | | | | 264 | | | | | | 266 | |
| 6 | 239 | 722 | 540 | 5 | 275 / 203 | 72 | 66 | 212 | 367 | 5 | 103 / 29 | 74 | |
| | | | | | | 336 | | | | | | 340 | |
| 7 | 161 | 828 | 462 | 5 | 176 / 146 | 30 | 98 | 932 | 399 | 5 | 112 / 84 | 28 | |
| | | | | | | 366 | | | | | | 368 | |
| 8 | 119 | 047 | 420 | 5 | 129 / 109 | 20 | 108 | 262 | 409 | 5 | 118 / 98 | 20 | |
| | +1414 | 581 | | | | 386 | 749 | 938 | | | | 388 | |
| | -749 | 938 | | | | | | | | | | 386 | |
| T.B.M.#1 | +664 | 643 | | | | | | | | | | 774 | T.B.M.#1 |
| | | | | | | | | | | | | | BALDWIN AVE & LONGDEN AVE N.E. COR |

F.B. 4118 PG. 252 JOB NO. 0301.02 T=78

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY BANDALL NOTES PETERSON SEP 22, 71

INDEXED J. GALLI DATE

WEATHER HAZY INST. NO. 75234

TIME 11:10 ROD NO. 17131

NOTES CHKD 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 RANDALL

NOTES BY PETERSON DATE 21 SEP 71 WEATHER OVERCAST INST. NO 75234

INDEXED E. J. GALLI DATE OCT 4 '71 TIME 13:15 ROD NO 1719AB

NOTES CHKD. DATE

T=76

F.B. 4118 PG. 253

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM20-9A | | | | | | | | | FROM BM 20-9A TO BM 20-9D |
| 1 | 51 | 513 | 352 5 | 81 / 21 60 | 245 | 788 | 546 5 | (1/2) 245 / 216 58 | BM 20-9A |
| | | | | | | | | | LONGDEN AVE & HOLLY AVE N.W. COR |
| 2 | 95 | 777 | 396 5 | 108 / 82 26 | 156 | 378 | 457 5 | 168 / 144 24 | F.B. 3712-103 |
| | | | | 86 | | | | 82 | |
| 3 | 96 | 547 | 397 5 | 123 / 69 54 | 191 | 175 | 492 5 | 218 / 164 54 | |
| | | | | 140 | | | | 136 | |
| 4 | 80 | 671 | 381 5 | 115 / 45 70 | 212 | 763 | 513 5 | 248 / 176 72 | ⊼ ANDERSON |
| | | | | 210 | | | | 208 | |
| 5 | 49 | 385 | 350 5 | 83 / 15 68 | 242 | 165 | 543 5 | (1/2) 242 / 213 70 | |
| | | | | 278 | | | | 278 | |
| 6 | 87 | 988 | 388 5 | (1/2) 115 / 82 56 | 185 | 809 | 486 5 | (1/2) 185 / 157 56 | |
| | | | | 334 | | | | 334 | |
| 7 | 106 | 145 | 407 5 | 126 / 86 40 | 159 | 262 | 460 5 | 179 / 139 40 | |
| | + 568 | 026 | | 374 | 1393 | 340 | | 374 | |
| | | | | | + 568 | 026 | | 374 | |
| | | | | | - 825 | 314 | | 748 | |
| BM 20-9D | | | | | | | | | BM 20-9D |
| | | | | | | | | | LONGDEN AVE & EL MONTE AVE |
| | | | | | | | | | F.B. 3712-102 S.E. COR |

260

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 20-9D | | | | | | | | | FROM B.M. 20-9D TO B.M 20-9A |
| 1 | 169 | 691 | 470 5 | 199 139 60 | 84 | 532 | 385 5 | 114 54 60 | B.M. 20-9D |
| | | | | | | | | | LONGDEN AVE. & EL MONTE |
| 2 | 181 | 228 | 482 5 | 210 152 58 | 52 ~~52~~ | 990 | 353 ~~355~~ 5 | 80 24 56 | F.B. 3712-102 S.E. COR. |
| | | | | 118 | | | | 116 | |
| 3 | 208 | 903 | 509 5 | 234 182 52 | 60 | 910 | 361 5 | 88 32 56 | |
| | | | | 170 | | | | 172 | ⊼ ANDERSON |
| 4 | 194 | 585 | 495 5 | 224 164 60 | 84 | 112 | 385 5 | 115 53 62 | |
| | | | | 230 | | | | 234 | |
| 5 | 200 | 801 | 501 5 | 236 ~~164~~ 72 | 84 | 678 | 385 5 | 116 52 64 | |
| | | | | 302 | | | | 298 | |
| 6 | 249 | 446 | 550 5 | 282 216 66 | 11 | 778 | 312 5 | (½) 46 19 70 | |
| | +1204 | 654 | | 368 | 379 | 000 | | 368 | |
| | -1379 | 000 | | | | | | 368 | |
| | +825 | 654 | | | | | | 736 | |
| BM20-9A | | | | | | | | | BM 20-9A |
| | | | | | | | | | LONGDEN AVE & HOLLY AVE N.W. COR |
| | | | | | | | | | F.B. 3712-103 |

F.B. 4118 Pg. 254 JOB. NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 23SEP71

INDEXED J. GALLI DATE

WEATHER HAZY

TIME 10:35

NOTES CHKD.

INST. NO. 75 231

ROD NO. 1713

DATE

T=76

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 RANDALL PETERSON DATE 9-24-71 WEATHER CLEAR
NOTES BY TIME 09:35 INST. NO. 75234
INDEXED E. J. GALLI DATE OCT 4 71 NOTES CHKD DATE ROD NO. 713A
F.B. 4118 PG. 255

| STATION | BACKSIGHT Right | Mic. | Left | Stadia | FORESIGHT Right | Mic. | Left | Stadia | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM20-9A | | | | | | | | | FROM BM 20-9A TO BM 20-9D |
| 1 | 44 | 136 | 345 5 | 69 19 50 | 242 | 360 | 543 5 | 267 217 50 | BM 20-9A |
| | | | | | | | | | LONGDEN AVE & HOLLY AVE |
| 2 | 64 | 302 | 365 5 | 101 27 74 | 201 | 123 | 502 5 | 238 164 74 | FB. 3712-103 N.W. COR. |
| | | | | 124 | | | | 124 | |
| 3 | 68 | 796 | 369 5 | 103 33 70 | 192 | 972 | 493 5 | 226 158 68 | |
| | | | | 194 | | | | 192 | |
| 4 | 38 | 790 | 339 5 | 78 3 72 | 240 | 912 | 541 5 | 277 203 74 | TANDERSON |
| | | | | 266 | | | | 266 | RERUN |
| 5 | 70 | 132 | 371 5 | 105 35 70 | 196 | 302 | 497 5 | [illegible] 70 | 196 (5) |
| | | | | 336 | | | | 336 | |
| 6 | 147 | 950 | 448 5 | 168 136 42 | 186 | 255 | 487 5 | [illegible] 38 | 205 167 38 |
| | + 434 | 106 | | 378 | 1259 | 924 | | 374 | |
| | | | | | + 434 | 106 | | 378 | |
| | | | | | 825 | 818 | | 752 | |
| BM 20-9D | | | | | | | | | BM 20-9D |
| | | | | | | | | | LONGDEN AVE & EL MONTE AVE |
| | | | | | | | | | F.B. 3712-102 S.E. COR. |

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 20-9D | | | | | | | | | FROM BM 20-9D TO BM 20-9A |
| 1 | 168 | 434 | 469 5 | 198 / 138 60 | 89 | 270 | 390 5 | 117 / 61 56 | BM 20-9D |
| | | | | | | | | | LONGDEN AVE & ELMONTE AVE |
| 2 | 215 | 632 | 516 5 | 251 / 179 72 | 52 | 910 | 353 5 | 87 / 97 70 | F.B. 3712-102 S.B. COR |
| | | | | 132 | | | | 126 | |
| 3 | 229 | 060 | 530 5 | 261 / 197 64 | 59 | 791 | 360 5 | 94 / 24 70 | T ANDERSON |
| | | | | 196 | | | | 196 | RERUN |
| 4 | 155 | 730 | 456 5 | 178 / 132 46 | 77 | 212 | 378 5 | 100 / 54 46 | |
| | | | | 242 | | | | 242 | |
| 5 | 197 | 630 | 498 5 | 197 / 161 72 | 71 | 228 | 372 5 | 102 / 35 72 | |
| | | | | 314 | | | | 314 | |
| 6 | 253 | 420 | 554 5 | 281 / 225 56 | 43 | 623 | 344 5 | 70 / 16 54 | |
| | +1219 | 906 | | 370 | 394 | 034 | | 368 | |
| | - 394 | 034 | | | | | | 370 | |
| | +825 | 872 | | | | | | 738 | |
| BM 20-9A | | | | | | | | | BM 20-9A |
| | | | | | | | | | LONGDEN AVE & HOLLY AVE |
| | | | | | | | | | F.B. 3712-103 N.W. COR |

T=66

F.B. 4118 PG. 256

SURVEY OF L.A. CO. PRECISE LEVEL WET

SURVEY BY RANDALL NOTES PETERSON 9-24-71

INDEXED C. J. GALLI DATE

JOB NO. 0306.02

WEATHER CLEAR

TIME 08:55

NOTES CHKD

INST. NO. 75234

ROD NO. 1714

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 J. RANDALL NOTES BY R. RANDALL DATE 21-SEPT. 71 TIME 14:00 WEATHER CLEAR & COOL INST. NO. 75134

INDEXED C. J. GALL DATE OCT 4 '71 NOTES CHKD DATE ROD NO. 1713 Rod

T = 80°

F.B. 4118 PG. 257

| STATION | BACKSIGHT Right | Mic. | Left | | Stadia | | FORESIGHT Right | Mic. | Left | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-9D | | | | | | | | | | | | | FROM B.M. 20-9D TO B.M. 20-9B |
| 1 | 158 | 682 | 459 | 5 | 185 / 131 | 54 | 151 | 152 | 452 | 5 | 180 / 123 | 58 | B.M. 20-9D |
| | | | | | 159 | | | | | | 184 | | LONGDEN AVE. & EL MONTE |
| 2 | 132 | 740 | 433 | 5 | 105 | 54 | 160 | 559 | 461 | 5 | 136 | 48 | F.B. 3712-102 S.E. COR. |
| | | | | | 140 | 108 | | | | | 228 | 06 | |
| 3 | 111 | 772 | 412 | 5 | 82 | 58 | 200 | 892 | 501 | 5 | 172 | 56 | |
| | | | | | 154 | 166 | | | | | 204 | 162 | |
| 4 | 130 | 532 | 431 | 5 | 106 | 48 | 176 | 708 | 472 | 5 | 148 | 56 | T = RODRIGUEZ |
| | | | | | 160 | 214 | | | | | 201 | 218 | |
| 5 | 130 | 538 | 431 | 5 | 100 | 60 | 176 | 222 | 477 | 5 | 151 | 50 | |
| | | | | | 160 | 274 | | | | | 182 | 268 | |
| 6 | 147 | 712 | 448 | 5 | 134 | 26 | 166 | 809 | 467 | 5 | 150 | 32 | |
| | | | | | 128 | 300 | | | | | 149 | 300 | |
| 7 | 117 | 531 | 418 | 5 | 106 | 22 | 138 | 411 | 439 | 5 | 127 | 22 | |
| | + 929 | 507 | | | | 322 | 1170 | 753 | | | | 322 | |
| B.M. 20-9B | | | | | | | − 929 | 507 | | | | 322 | B.M. 20-9B |
| | | | | | | | 241 | 246 | | | | 644 | LONGDEN AVE. & SANTA ANITA AVE. |
| | | | | | | | | | | | | | F.B. 3712-105 S.W. COR. |

240

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. 20-9B | | | | | | | | | | | FROM B.M. 20-9B TO B.M. 20-9D |
| 1 | 168 | 422 | 469 5 | 177 159 | 18 | 155 | 052 | 456 5 | 164 146 | 18 | B.M. 20-9B |
| | | | | 213 | | | | | 160 | | LONGDEN AVE. & SANTA ANITA AVE. |
| 2 | 180 | 758 | 481 5 | 180 ½ | 66 | 128 | 708 | 429 5 | 96 | 64 | F.B. 3712-105 S.W. COR. |
| | | | | 205 | 84 | | | | 164 | 82 | |
| 3 | 177 | 960 | 478 5 | 149 | 56 | 136 | 012 | 437 5 | 108 | 56 | |
| | | | | 232 | 140 | | | | 142 | 138 | |
| 4 | 198 | 601 | 499 5 | 164 | 68 | 108 | 452 | 409 5 | 74 | 68 | |
| | | | | 237 | 208 | | | | 164 | 206 | π = RODRIGUEZ |
| 5 | 205 | 050 | 506 5 | 173 | 64 | 133 | 150 | 434 5 | 102 | 62 | |
| | | | | 153 | 272 | | | | 183 | 268 | |
| 6 | 124 | 849 | 425 5 | 95 | 58 | 153 | 502 | 454 5 | 123 | 60 | |
| | +1055 | 640 | | | 330 | 814 | 876 | | | 328 | |
| B.M. 20-9D | - 814 | 876 | | | | | | | | 330 | B.M. 20-9D |
| | + 240 | 764 | | | | | | | | 658 | LONGDEN AVE. & EL MONTE |
| | | | | | | | | | | | F.B. 3712-102 S.E. COR. |

F.B. 4118 PG. 258 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ANDREW NOTES ANDERSON DATE 1-23-SEPT. '71 TIME 10:00 WEATHER CLEAR & CALM INST. NO. 75204

INDEXED J. J. CALL DATE NOTES CHKD. ROD NO. 1713 DATE

T = 76°

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 J. RANDALL

NOTES BY R. ANDERSON DATE 23 - SEPT. 71 TIME 14:35 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED J. GALLI DATE 8 71 NOTES CHKD DATE ROD NO. 1713 A08

T 2 94°

F.B. 4118 Pg. 259

| STATION | BACKSIGHT Right | Mic. | Left | | Stadia | | FORESIGHT Right | Mic. | Left | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20-9D | | | | | | | | | | | | | FROM BM 20-9D TO BM 20-9B |
| 1 | 153 | 668 | 454 | 5 | 182 124 | 58 | 129 | 508 | 430 | 5 | 138 100 | 58 | BM 20-9D |
| | | | | | 133 | | | | | | 216 | | LONGDEN AVE. & EL MONTE |
| 2 | 133 | 070 | 434 | 5 | 104 | 58 | 187 | 490 | 488 | 5 | 158 | 58 | F.B. 3712-102 S.E. COR. |
| | | | | | 139 | 116 | | | | | 193 | 116 | |
| 3 | 110 | 161 | 411 | 5 | 81 | 59 | 193 | 401 | 494 | 5 | 167 | 52 | |
| | | | | | 157 | 174 | | | | | 209 | 168 | 210 |
| 4 | 130 | 012 | 431 | 5 | 103 | 59 | 180 | 379 | 481 | 5 | 150 | 60 | 150 ⊼ RODRIGUEZ |
| | | | | | 168 | 228 | | | | | 214 | 228 | RERUN |
| 5 | 136 | 101 | 437 | 5 | 104 | 64 | 182 | 572 | 483 | 5 | 150 | 64 | |
| | | | | | 152 | 292 | | | | | 170 | 292 | |
| 6 | 140 | 971 | 441 | 5 | 128 | 24 | 158 | 170 | 459 | 5 | 146 | 24 | |
| | | | | | 164 | 316 | | | | | 178 | 316 | |
| 7 | 156 | 869 | 457 | 5 | 148 | 16 | 170 | 349 | 471 | 5 | 162 | 16 | |
| | + 960 | 842 | | | | 332 | 1201 | 869 | | | | 332 | |
| B.M. 20-9B | | | | | | | + 960 | 842 | | | | 332 | B.M. 20-9B |
| | | | | | | | - 241 | 027 | | | | 664 | LONGDEN AVE. & SANTA ANITA |
| | | | | | | | | | | | | | F.B. 3712-105 S.W. COR. |

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. 20-9B | | | | | | | | | FROM B.M. 20-9B TO B.M. 20-9D |
| 1 | 169 | 629 | 470 5 | 178 160 18 | ~~152~~ | ~~612~~ | ~~453 5~~ | ~~166 138 28~~ | B.M. 20-9B |
| | | | | 204 | 156 | 572 | 457 5 | 166 146 20 | LOWGDEN AVE. & SANTA ANITA |
| 2 | 177 | 192 | 478 5 | 150 54 | 138 | 890 | 439 5 | 164 112 52 | F.B. 3712-105 S.W. COR. |
| | | | | 181 72 | 128 | 738 | 429 5 | 72 | 160 |
| 3 | 181 | 248 | 482 5 | 148½ 66 | ~~130~~ | ~~440~~ | ~~431 5~~ | ~~102~~ 64 | 96 |
| | | | | 200 130 | | | | 135 136 | |
| 4 | 200 | 589 | 501 5 | 162½ 76 | 96 | 612 | 397 5 | 57 78 | |
| | | | | 226 214 | | | | 168 214 | ⊼ = RODRIGUEZ |
| 5 | 198 | 812 | 499 5 | 170 56 | 138 | 960 | 439 5 | 108 60 | RERUN |
| | | | | 270 | | | | 187 274 | |
| 6 | | | 5 | | 157 | 368 | 458 5 | 127 60 | |
| | | | | 162 | | | | 334 | |
| B.M. 20-9D | 130 | 430 | 431 5 | 98 64 | | | | 334 | B.M. 20-9D |
| | + 1057 | 900 | | 334 | 817 | 140 | | 668 | LOWGDEN AVE. & EL MONTE |
| | - 817 | 140 | | | | | | | F.B. 3712-102 S.E. COR. |
| | + 240 | 760 | | | | | | | |

F.B. 4118 PG. 260 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 24-SEPT. 17/ TIME 08:15 WEATHER CLEAR & CALM INST. NO. 75234 ROD NO. 17131

INDEXED J. GALLI DATE NOTES CHKD 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.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-9B | | | | | | | | | FROM B.M. 20-9B TO B.M. 20-9C |
| 1 | 143 | 882 | 444 5 | 173 113 60 | 169 | 010 | 470 5 | 199 139 60 | B.M. 20-9B |
| | | | | 182 | | | | 200 | LONGDEN AVE. & SANTA ANITA AVE. |
| 2 | 152 | 814 | 453 5 | 122 60 | 170 | 801 | 471 5 | 140 60 | F.B. 3712-105 S.W. COR. |
| | | 482 | | 170 120 | | | | 192 120 | |
| 3 | 144 | ~~49~~ | 445 5 | 118 52 | 164 | 529 | 465 5 | 136 56 | |
| | | | | 168 172 | 184 | | | 208 176 | |
| 4 | 142 | 679 | 443 5 | 116 52 | ~~183~~ | 590 | 485 5 | 160 48 | |
| | | | | 166 224 | | | | 190 224 | ⊼ = RODRIGUEZ |
| 5 | 138 | 620 | 439 5 | 110 56 | 162 | 748 | 463 5 | 134 56 | |
| | | | | 167 280 | | | | 218 280 | |
| 6 | 131 | 390 | 432 5 | 95 72 | 184 | 701 | 485 5 | 150 68 | |
| | | | | 183 352 | | | | 183 348 | 180 |
| 7 | 178 | 509 | 479 5 | 173 10 | 174 | 309 | 475 5 | 167 12 | 168 |
| | + 1032 | 376 | | 362 | 1210 | 688 | | 360 | |
| ~~8~~ | | | ~~5~~ | | + 1032 | 376 | | 362 | |
| B.M. 20-9C | | | | | - 178 | 312 | | 722 | B.M. 20-9C |
| | | | | | | | | | LONGDEN AVE. & THIRD AVE. |
| | | | | | | | | | F.B. 3712-107 S.W. COR. |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 82°

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 21-SEPT. '71 TIME 14:55 ROD NO. 1713 A

INDEXED J. GAIII DATE OCT 4 '71 NOTES CHKD. DATE

F.B. 4118 PG. 261

255

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. 20-9C | | | | | | | | | FROM B.M. 20-9C TO B.M. 20-9B |
| 1 | 166 | 168 | 467 5 | 192 140 52 | 133 | 600 | 434 5 | 160 106 54 | B.M. 20-9C |
| | | | | 209 | | | | 181 | LONGDEN AVE. & THIRD AVE. |
| 2 | 175 | 750 | 476 5 | 141 68 | 148 | 660 | 449 5 | 115 66 | F.B. 3712-107 S.W. COR. |
| | | | | 207 120 | | | | 168 120 | |
| 3 | 189 | 548 | 490 5 | 171 36 | 151 | 632 | 452 5 | 134 34 | |
| | | | | 210 156 | | | | 179 154 | |
| 4 | 172 | 981 | 473 5 | 134 76 | 139 | 378 | 440 5 | 99 80 | |
| | | | | 204 232 | | | | 180 234 | ⊼ = RODRIGUEZ |
| 5 | 169 | 522 | 470 5 | 134 70 | 145 | 222 | 446 5 | 110 70 | |
| | | | | 195 302 | | | | 174 304 | |
| 6 | 168 | 252 | 469 5 | 141 54 | 146 | 049 | 447 5 | 118 56 | |
| | + 1042 | 221 | | 356 | 864 | 541 | | 360 | |
| B.M. 20-9B | 864 | 541 | | | | | | 356 | B.M. 20-9B |
| | + 177 | 680 | | | | | | 716 | LONGDEN AVE & SANTA ANITA AVE. |
| | | | | | | | | | F.B. 3712-105 S.W. COR. |

F.B. 4118 PG. 262 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE '23, SEPT. '71

INDEXED E. J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 09:10' ROD NO. 1713A

NOTES CHKD. 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 J. RANDALL

NOTES BY R. ANDERSON DATE 24-SEPT. '71

INDEXED J. GALLI DATE OCT 4 '71

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:25 ROD NO. 1713 A&B

NOTES CHKD DATE

T = 78°

F.B. 4118 PG. 263

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | | STADIA | | FORESIGHT RIGHT | MIC. | LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M 20-9B | | | | | | | | | | | | | FROM B.M. 20-9B TO B.M. 20-9C |
| 1 | 139 | 700 | 440 | 5 | 166 / 112 | 54 | 156 | 648 | 457 | 5 | 180 / 132 | 48 | B.M. 20-9B |
| | | | | | 178 | | | | | | 212 | | LONGDEN AVE. & SANTA ANITA |
| 2 | 141 | 839 | 442 | 5 | 104 | 74 | 171 | 640 | 472 | 5 | 130 | 82 | F.B. 3712-105 S.W. COR. |
| | | | | | 173 | 128 | | | | | 167 | 130 | |
| 3 | 143 | 321 | 444 | 5 | 113 | 60 | 167 | 911 | 468 | 5 | 136 1/2 | 62 | |
| | | | | | 172 | 188 | | | | | 182 | 192 | |
| 4 | 139 | 479 | 440 | 5 | 106 | 66 | 182 | 420 | 483 | 5 | 151 1/2 | 62 | |
| | | | | | 196 | 254 | | | | | 202 | 254 | Λ = RODRIGUEZ |
| 5 | 166 | 901 | 467 | 5 | 136 | 60 | 173 | 139 | 474 | 5 | 144 | 58 | RERUN |
| | | | | | 140 | 314 | | | | | 167 | 312 | |
| 6 | 124 | 301 | 425 | 5 | 108 | 32 | 150 | 070 | 451 | 5 | 133 | 34 | |
| | | | | | 159 | 346 | | | | | 173 | 346 | |
| 7 | 148 | 210 | 449 | 5 | 137 | 22 | 162 | 658 | 463 | 5 | 151 | 22 | |
| | | | | | 156 | 368 | | | | | 173 | 368 | |
| 8 | 151 | 500 | 452 | 5 | 146 | 10 | 168 | 761 | 469 | 5 | 163 | 10 | |
| | +1155 | 251 | | | | 378 | 1333 | 247 | | | | 378 | |
| B.M. 20-9C | | | | | | | +1155 | 251 | | | | 378 | B.M. 20-9C |
| | | | | | | | -177 | 996 | | | | 756 | LONGDEN AVE. & THIRD AVE. |
| | | | | | | | | | | | | | F.B. 3712-107 S.W. COR. |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20-9C | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 20-9C TO BM 20-9B |
| 1 | 164 | 898 | 465 | 5 | 190 138 | 52 | 114 | 192 | 415 | 5 | 140 88 | 52 | B.M. 20-9C |
| | | | | | 173 | | | | | | 194 | | LONGDEN AVE. & THIRD AVE. |
| 2 | 173 | 661 | 474 | 5 | 147½ | 52 | 164 | 670 | 465 | 5 | 134 | 60 | F.B. 3712-107 S.W. COR. |
| | | | | | 219 | 104 | | | | | 170 | 112 | |
| 3 | 188 | 101 | 489 | 5 | 157 | 62 | 140 | 580 | 441 | 5 | 110 | 60 | |
| | | | | | 196 | 166 | | | | | 172 | 172 | |
| 4 | 166 | 252 | 467 | 5 | 136 | 60 | 144 | 059 | 445 | 5 | 116 | 56 | ⊼ = RODRIGUEZ |
| | | | | | 196 | 226 | | | | | 168 | 228 | RERUN |
| 5 | 165 | 419 | 466 | 5 | 134 | 62 | 141 | 721 | 442 | 5 | 114 | 54 | |
| | | | | | 209 | 288 | | | | | 187 | 282 | |
| 6 | 173 | 321 | 474 | 5 | 137 | 72 | 148 | 449 | 449 | 5 | 109 | 78 | |
| | +1031 | 652 | | | | 360 | 853 | 671 | | | | 360 | |
| B.M. 20-9B | 853 | 671 | | | | | | | | | | 360 | B.M. 20-9B |
| | +177 | 981 | | | | | | | | | | 720 | LONGDEN AVE. & SANTA ANITA |
| | | | | | | | | | | | | | F.B. 3712-105 S.W. COR. |

F.B. 4118 PG. 264

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 23-SEPT. '71

INDEXED J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75239

TIME 13:45 ROD NO. 1713 Hub

NOTES CHKD. DATE

T = 92°

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 U. RANDALL

NOTES BY R. ANDERSON DATE 22 - SEPT '71

INDEXED J. GAIN DATE 4 '71

WEATHER OVERCAST & CALM

TIME 08:25

NOTES CHKD

DATE

INST. NO. 75234

ROD NO. 1713A

F.B. 4118 PG. 265

T = 66°

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M-20-9C | | | | | | | | | FROM B.M 20-9C TO B.M 20-10 A |
| 1 | 150 | 892 | 451 5 | 170 130 40 | 172 | 022 | 473 5 | 172 152 40 | B.M. 20-9C |
| | | | | 137 | | | | 180 | LONGDEN AVE & THIRD AVE. |
| 2 | 112 | 822 | 413 5 | 87 50 | 155 | 420 | 456 5 | 130 50 | F.B 3712-107 S.W. COR. |
| | | | | 141 90 | | | | 162 90 | |
| 3 | 118 | 742 | 419 5 | 95 46 | 141 | 559 | 442 5 | 120 42 | |
| | | | | 170 136 | | | | 212 132 | |
| 4 | 137 | 281 | 438 5 | 104 66 | 177 | 848 | 478 5 | 142 70 | |
| | | | | 170 202 | | | | 171 202 | T = RODRIGUEZ |
| 5 | 142 | 522 | 443 5 | 114 56 | 144 | 042 | 445 5 | 117 54 | |
| | | | | 169 258 | | | | 190 256 | |
| 6 | 169 | 268 | 470 5 | 144 50 | 163 | 968 | 464 5 | 136 54 | |
| | | 112 | | 177 308 | | | | 111 310 | |
| 7 | 156 | ~~071~~ | 457 5 | 135 42 | 90 | 630 | 391 5 | 69 42 | |
| | 160 | ~~160~~ | | 166 350 | | | | 168 352 | |
| 8 | ~~161~~ 2 | ~~0~~ 998 | 461 5 | 154 12 | 162 | 052 | 463 5 | 156 12 | |
| | | | | 362 | | | | 364 | |
| B.M. 20-10A | | | | | | | | 362 | B.M. 20-10A |
| | +1148 | 637 | | | -1207 | 541 | | 726 | LONGDEN AVE. & SANTA ANITA WASH |
| | | | | | +1148 | 637 | | | BR. # 1233 → N.E. COR. |
| | | | | | | ~~804~~ | | | F.B. 3712-109 |
| | | | | | - 58 | 904 | | | |

256

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.M. 20-10A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 20-10A TO B.M. 20-9C |
| 1 | 92 | 270 | 393 | 5 | 127 57 | 70 | 150 | 118 | 451 | 5 | 185 115 | 70 | B.M. 20-10A |
| | | | | | | | | | | | 198 | | LONGDEN AVE. & SANTA ANITA WASH |
| 2 | 146 | 522 | 447 | 5 | 181 111 | 70 | 160 | 111 | 461 | 5 | 122 | 76 | BR. # B-1233 → N.E. COR. |
| | | | | | 194 | 140 | | | | | 174 | 146 | F.B. 3712-109 |
| 3 | 162 | 798 | 463 | 5 | 130 | 64 | 143 | 060 | 444 | 5 | 112 | 62 | 149 |
| | | | | | 206 | 204 | 110 | 502 | 411 | 5 | | 208 | 71 |
| 4 | 166 | 612 | 467 | 5 | 126 | 80 | ~~113~~ | ~~590~~ | ~~414~~ | ~~5~~ | | 78 | |
| | | | | | 187 | 284 | | | | | 164 | 286 | T = RODRIGUEZ |
| 5 | 187 | 632 | 488 | 5 | 151½ | 72 | 128 | 198 | 429 | 5 | 92 | 72 | |
| | | | | | 140 | 356 | | | | | 146 | 358 | |
| 6 | 132 | 889 | 433 | 5 | 124 | 16 | 137 | 801 | 438 | 5 | 128 | 18 | |
| | + 888 | 723 | | | | 372 | 829 | 790 | | | | 376 | |
| B.M. 20-9C | 829 | 790 | | | | | | | | | | 372 | B.M. 20-9C |
| | + 58 | 933 | | | | | | | | | | 748 | LONGDEN AVE. & THIRD AVE. |
| | | | | | | | | | | | | | F.B. 3712-107 S.W. COR. |

T = 62°

F.B. 4118 PG. 266 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PANDALL NOTES ANDERSON DATE: 23-SEP-7/ TIME 08:30 WEATHER CLEAR & CALM INST. NO 75234

INDEXED J. GALLI DATE NOTES CHKD. DATE ROD NO 1713A-B

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 Randall WEATHER overcast INST. NO. 75238

NOTES BY Rodriguez DATE 22 Sept 71 TIME 9:10 ROD NO. 1713 AB

INDEXED E. I. GAUL DATE OCT 4 71 NOTES CHKD. DATE

T=66°

F.B. 4118 PG. 267

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| B.M.20-10A | | | | | | | | | FROM B.M.20-10A TO B.M.15-6B |
| 1 | 98 | 012 | 399 5 | 126 / 70 56 | 160 | 432 | 461 5 | 188 / 132 56 | B.M. 20-10A |
| | | | | | | | | | LONGDEN AVE. & SANTA ANITA WASH |
| 2 | 146 | 906 | 447 5 | 176 / 116 60 | 161 | 321 | 462 5 | 191 / 131 60 | BR.# B1233 → N.E.COR. |
| | | | | 116 | | | | 116 | F.B. 3712-109 |
| 3 | 164 | 322 | 465 5 | 198 / 130 68 | 166 | 971 | 467 5 | 200 / 132 68 | ⊼ PETERSON |
| | | | | 184 | | | | 184 | |
| 4 | 111 | 693 | 412 5 | 144 / 78 66 | 200 | 684 | 501 5 | 232 / 168 64 | |
| | | | | 250 | | | | 248 | |
| 5 | 151 | 785 | 452 5 | 186 / 116 70 | 158 | 545 | 459 5 | 194 / 182 72 | |
| | | | | 320 | | | | 320 | |
| 6 | 145 | 836 | 446 5 | 177 / 113 64 | 134 | 418 | 435 5 | 166 / 102 64 | |
| | | | | 384 | | | | 384 | |
| 7 | 186 | 515 | 487 5 | 218 / 154 64 | 147 | 857 | 448 5 | 179 / 115 64 | |
| | | | | 448 | | | | 448 | |
| 8 | 160 | 922 | 461 5 | 190 / 130 60 | 144 | 979 | 445 5 | 173 / 115 58 | |
| | | | | 508 | | | | 506 | |
| 9 | 106 | 041 | 407 5 | 126 / 86 40 | 147 | 330 | 448 5 | 167 / 127 40 | |
| | | | | 548 | | | | 546 | |
| 10 | 139 | 562 | 440 5 | 164 / 114 50 | 155 | 321 | 456 5 | 180 / 130 50 | |
| | +1411 | 594 | | 598 | 1577 | 858 | | 596 | |
| | | | | | +1411 | 594 | | 598 | |
| BM15-6B | | | | | -166 | 264 | | 1194 | BM 15-6B |
| | | | | | | | | | LONGDEN @ MYRTLE S.E.COR |
| | | | | | | | | | F.B. 3709-205 |

329

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM15-6B | | | | | | | | | FROM BM15-6B TO BM20-10A |
| 1 | 164 | 500 | 465 5 | 185 143 42 | 149 | 427 | 450 5 | 170 128 42 | BM15-6B |
| | | | | | | | | | Longden @ Myrtle S.E. Cor |
| 2 | 179 | 528 | 480 5 | 212 146 66 | 137 | 803 | 438 5 | 170 104 66 | F.B. 3709-205 |
| | | | | 108 | | | | 108 | Δ Peterson |
| 3 | 144 | 479 | 445 5 | 172 116 56 | 160 | 688 | 461 5 | 188 132 56 | |
| | | | | 164 | | | | 164 | |
| 4 | 148 | 181 | 449 5 | 176 120 56 | 207 | 860 | 508 5 | 235 179 56 | |
| | | | | 220 | | | | 220 | |
| 5 | 148 | 531 | 449 5 | 177 119 58 | 138 | 188 | 439 5 | 166 110 56 | |
| | | | | 278 | | | | 276 | |
| 6 | 130 | 363 | 431 5 | 161 99 62 | 114 | 588 | 415 5 | 146 82 64 | |
| | | | | 340 | | | | 340 | |
| 7 | 180 | 174 | 481 5 | 180 150 60 | 148 | 618 | 449 5 | 179 117 62 | |
| | | | | 400 | | | | 402 | |
| 8 | 199 | 299 | 500 5 | 199 168 62 | 118 | 413 | 419 5 | 148 88 60 | |
| | | | | 462 | | | | 462 | |
| 9 | 134 | 483 | 435 5 | 165 103 62 | 175 | 878 | 476 5 | 207 143 64 | |
| | | | | 524 | | | | 526 | |
| 10 | 183 | 313 | 484 5 | 214 152 62 | 129 | 948 | 430 5 | 159 99 60 | |
| | | | | 586 | | | | 586 | |
| 11 | 180 | 227 | 481 5 | 189 171 18 | 145 | 918 | 446 5 | 153 137 16 | |
| | + 1793 | 078 | | 604 | 1627 | 329 | | 602 | |
| BM20-10A | - 1627 | 329 | | | | | | 604 | BM 20-10A |
| | + 165 | 749 | | | | | | 1206 | Longden Av. @ Santa Anita |
| | | | | | | | | | Wash. N.E. Cor Bridge # |
| | | | | | | | | | B 1233 |
| | | | | | | | | | F.B. 3712-109 |

F.B. 4118 Pg. 268 JOB NO. 0301.02

SURVEY OF L.A.Co Precise Level Net

SURVEY BY Randall NOTES Rodriguez 22 Sept 71

INDEXED E. J. GALLI DATE

WEATHER Hazy TIME 14:45 NOTES CHKD

INST. NO. 75234 ROD NO. 1713A DATE

T=86°

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 Rodriguez Randall DATE 24 SEPT 71 WEATHER Clear TIME 11:15 INST. NO. 75234
NOTES BY J. GALL DATE OCT 4 71 NOTES CHKD DATE ROD NO. 173AB
INDEXED

T = 80°

F.B. 4118 PG. 269

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20-10A | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 20-10A TO BM 15-6B |
| 1 | 110 | 782 852 | 411 | 5 | 143 75 | 70 | 220 | 335 | 521 | 5 | 254 186 | 68 | BM ~~15-6B~~ 20-10A |
| | | | | | | | | | | | | | SANTA ANITA WASH BR. #B123 |
| 2 | 185 | 139 | 486 | 5 | 215 155 | 60 | 114 | 807 | 415 | 5 | 140 80 | 60 | N.E. COR |
| | | | | | | | | | | | | 128 | FB 3712-109 |
| 3 | 145 | 448 | 446 | 5 | 176 114 | 130 62 | 194 | 125 | 495 | 5 | 1194 161 | 66 | T PETERSON |
| | | | | | | | | | | | | | RERUN |
| 4 | 115 | 071 | 416 | 5 | 148 82 | 192 66 | 184 | 579 | 485 | 5 | 217 151 | 194 66 | |
| 5 | 140 | 652 | 441 | 5 | 169 111 | 258 58 | 157 | 996 | 458 | 5 | 186 128 | 260 58 | |
| 6 | 136 | 167 | 437 | 5 | 166 106 | 316 60 | 124 | 011 | 425 | 5 | 154 94 | 318 60 | |
| 7 | 183 | 273 | 484 | 5 | 222 154 | 376 58 | 148 | 090 | 449 | 5 | 176 120 | 378 56 | |
| | | | | | | 434 | | | | | | 434 | |
| 8 | 158 | 272 | 459 | 5 | 190 126 | 64 | 137 | 479 | 438 | 5 | 169 105 | 64 | |
| | | | | | | 498 | | | | | | 498 | |
| 9 | 130 | 047 | 431 | 5 | 160 100 | 60 | 181 | 124 | 482 | 5 | 210 152 | 58 | |
| | | | | | | 558 | | | | | | 556 | |
| 10 | 158 | 393 | 459 | 5 | 181 135 | 46 | 166 | 811 | 467 | 5 | 189 143 | 46 | |
| | + | 1463 | 244 | | | 604 | 1629 | 357 | | | | 602 | |
| | | | | | | | + | 1463 | 244 | | | 604 | |
| | | | | | | | − | 166 | 113 | | | 1206 | |
| BM 15-6B | | | | | | | | | | | | | BM 15-6B |
| | | | | | | | | | | | | | LONGDEN @ MYRTLE S.E. COR |
| | | | | | | | | | | | | | FB 3709-205 |

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM15-6B | | | | | | | | | FROM BM15-6B TO BM20-10A |
| 1 | 160 | 398 | 461 5 | 184 136 48 | 149 | 779 | 450 5 | 174 124 50 | BM15-6B |
| | | | | | | | | | Longden @ Myrtle S.E |
| 2 | 212 | 306 | 513 5 | 243 181 62 | 164 | 793 | 465 5 | 164 135 58 | COR |
| | [NOTE] | | | 110 | | | | 108 | FB. 3709-205 |
| 3 | 140 | 140 | 441 5 | 168 112 56 | 158 | 745 | 459 5 | 187 129 58 | π Peterson |
| | | | | 166 | | | | 166 | Rerun |
| 4 | 149 | 253 | 450 5 | 177 121 56 | 163 | 555 | 464 5 | 163 136 54 | |
| | | | | 222 | | | | 220 | |
| 5 | 125 | 469 | 426 5 | 154 96 58 | 159 | 527 | 460 5 | 189 129 60 | |
| | | | | 280 | | | | 280 | |
| 6 | 154 | 958 | 455 5 | 186 122 64 | 136 | 929 | 437 5 | 168 104 64 | |
| | | | | 344 | | | | 344 | |
| 7 | 176 | 353 | 477 5 | 204 148 56 | 128 | 795 | 429 5 | 157 99 58 | |
| | | | | 400 | | | | 402 | |
| 8 | 196 | 327 | 497 5 | 196 166 60 | 125 | 140 | 426 5 | 156 94 62 | |
| | | | | 460 | | | | 464 | |
| 9 | 121 | 274 | 422 5 | 154 88 66 | 193 | 040 | 494 5 | 227 159 68 | |
| | | | | 526 | | | | 532 | |
| 10 | 225 | 222 | 526 5 | 260 190 70 | 115 | 796 | 416 5 | 148 82 66 | |
| | + 1661 | 700 | | 596 | 1496 | 099 | | 598 | |
| | - 1496 | 099 | | | | | | 596 | |
| BM 20-10A | + 165 | 601 | | | | | | 1194 | BM 20-10A |
| | | | | | | | | | Longden @ Santa Anita |
| | | | | | | | | | Wash. BR# B1233 |
| | | | | | | | | | FB. 3712-109 |

F.B. 4118 PG. 270

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 24 Sept 71

INDEXED J. GALLI DATE

WEATHER Hazy

TIME 1435

NOTES CHKD

INST. NO. 2523

ROD NO. 71341

DATE

T=90°

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=74° F.B. 4118 PG. 271

SURVEY BY Randall WEATHER Hazy INST. NO. 75234

NOTES BY Rodriguez DATE 22 SEPT 71 TIME 10:45 ROD NO. 1713 AB

INDEXED [illegible] J. GALLI DATE OCT 4 '71 NOTES CHKD DATE

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 |
|---|---|---|---|---|---|---|---|---|---|
| BM 15-6B | | | | | | | | | FROM BM 15-6B TO BM 15-6A |
| 1 | 157 | 112 | 458 5 | 186 128 58 | 143 | 692 | 444 5 | 171 115 56 | BM 15-6B |
| | | | | | | | | | Longden @ Myrtle S.E. Cor |
| 2 | 101 | 872 | 407 5 | 133 69 64 | 189 | 577 | 490 5 | 221 157 64 | FB 3709-205 |
| | | | | 122 | | | | 120 | π Peterson |
| 3 | 111 | 376 | 412 5 | 141 81 60 | 151 | 268 | 452 5 | 181 121 60 | |
| | | | | 182 | | | | 180 | |
| 4 | 127 | 104 | 428 5 | 154 100 54 | 146 | 098 | 447 5 | 173 119 54 | |
| | + 497 | 464 | | 236 | 630 | 635 | | 234 | |
| BM 15-16A | | | | | + 497 | 464 | | 236 | BM 15-16A |
| | | | | | - 133 | 171 | | 470 | Peck Rd @ Live Oak |
| | | | | | | | | | S.E. Cor |
| | | | | | | | | | FB 3709-203 |

205

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.

INST. NO. 75234 ROD NO. 1713A DATE

WEATHER Hazy TIME 14:15 NOTES CHKD

T=86°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BM15-6A | | | | | | | | | | | | | FROM BM15-6A TO BM15-6B |
| 1 | 145 | 241 | 446 | 5 | 170 120 | 50 | 130 | 184 | 431 | 5 | 156 104 | 52 | BM15-6A |
| | | | | | | | | | | | | | Live Oak @ Peck S.E. COR |
| 2 | 173 | 703 | 474 | 5 | 196 150 | 46 | 129 | 173 | 430 | 5 | 151 107 | 44 | FB. 3709-203 |
| | | | | | | 96 | | | | | | 96 | T. PETERSON |
| 3 | 185 | 553 | 486 | 5 | 214 156 | 58 | 129 | 944 | 430 | 5 | 158 100 | 58 | |
| | | | | | | 154 | | | | | | 154 | |
| 4 | 177 | 357 | 478 | 5 | 188 166 | 22 | 159 | 284 | 460 | 5 | 169 149 | 20 | |
| | + 681 | 854 | | | | 176 | 548 | 545 | | | | 174 | |
| | - 548 | 545 | | | | | | | | | | 176 | |
| BM15-6B + | 133 | 309 | | | | | | | | | | 350 | BM15-6B |
| | | | | | | | | | | | | | Longden @ Myrtle |
| | | | | | | | | | | | | | S.E. COR |
| | | | | | | | | | | | | | FB. 3709-205 |

F.B. 4118 PG. 272 JOB NO. 0301-02

SURVEY OF L.A. CO. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 27 Sept 71

INDEXED ■ 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.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM15-6A | | | | | | | | | FROM BM15-6A TO BM15-5 ~~#~~B (5B) |
| 1 | 124 | 122 | 425 5 | 147 / 101 / 46 | 232 | 699 | 533 5 | 255 / 209 / 46 | BM15-6A |
| | | | | | | | | | Live Oak @ Peck Rd |
| 2 | 93 | 175 | 394 5 | 121 / 65 / 56 | 206 | 267 | 507 5 | 234 / 178 / 56 | F.B. 3709-203 |
| | | | | 107 | | | | 100 | A PETERSON |
| 3 | 109 | 297 | 410 5 | 147 / 71 / 76 | 222 | 596 | 523 5 | 260 / 184 / 76 | |
| | | | | 178 | | | | 176 | |
| 4 | 111 | 946 | 412 5 | 149 / 73 / 76 | 204 | 647 | 505 5 | 242 / 166 / 76 | |
| | | | | 254 | | | | 252 | |
| 5 | 158 | 178 | 459 5 | 182 / 134 / 48 | 181 | 353 | 482 5 | 205 / 157 / 48 | |
| | | | | 302 | | | | 300 | |
| 6 | 156 | 984 | 457 5 | 167 / 145 / 22 | 172 | 827 | 473 5 | 183 / 161 / 22 | |
| | + 753 | 702 | | 324 | 1220 | 389 | | 324 ~~322~~ | |
| BM 15-5B | | | | | - 753 | 702 | | 324 / 324 | B.M. 15-5B (L.A.Co. Flood Control BM 67 75) Peck Rd. 0.4 mi. So. |
| | | | | | - 466 | 687 | | 648 / ~~646~~ | of Live Oak Ave. |
| | | | | | | | | | F.B. 3709-202 |

JM 10-5

JM 10-5

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

SURVEY BY Randall

NOTES BY R.D. Rigwez DATE 22 SEPT 71 WEATHER Hazy 75°

INDEXED R. J. CALLIS DATE 4 TH TIME 11:15 INST. NO 75234

NOTES CHKD DATE ROD. NO 1713 ~~1718~~

F.B. 4118 Pg. 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.

INST. NO. 7823 ROD NO. 7134 DATE

WEATHER Hazy TIME 13:25 NOTES CHKD.

T=86°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM 15-5B TO BM 15-6A |
| 1 | 155 | 847 | 456 | 5 | 183 125 | 60 | 145 | 919 | 446 | 5 | 171 113 | 64 | BM 15-5B (L.A.Co Flood Control BM 67 75) Peck Rd. 0.4 mi. So. of |
| 2 | 199 | 082 | 500 | 5 | 228 170 | 58 | 135 | 628 | 436 | 5 | 163 107 | 56 | Live Oak F.B. 3709-202 |
| | | | | | | | | | | | | | T PETERSON |
| 3 | 183 | 634 | 484 | 5 | 210 156 | 118 54 | 106 | 503 | 408 | 5 | 133 81 | 120 52 | |
| 4 | 206 | 629 | 507 | 5 | 238 174 | 172 64 | 102 | 553 | 403 | 5 | 134 70 | 172 64 | |
| 5 | 199 | 011 | 500 | 5 | 224 174 | 236 50 | 90 | 108 | 391 | 5 | 176 64 | 236 52 | |
| 6 | 180 | 378 | 481 | 5 | 191 169 | 286 22 | 117 | 243 | 418 | 5 | 127 107 | 288 20 | |
| 7 | 175 | 364 | 476 | 5 | 181 169 | 308 12 | 134 | 596 | 435 | 5 | 140 128 | 308 12 | |
| | + 833 | 550 | | | | 320 | 833 | 550 | | | | 320 | |
| | | | | | | | | | | | | 320 | |
| | + 1299 | 945 | | | | | | | | | | 640 | BM 15-6A. |
| BM 15-6A. | - 833 | 550 | | | | | | | | | | | Live Oak @ Peck S.E. Cor. |
| | + 466 | 395 | | | | | | | | | | | F.B. 3709-203 |

F.B. 4118 Pg. 274

SURVEY OF LA Co. Precise Level Net JOB NO. 0301.02

SURVEY BY Randall NOTES Rodriguez 22 Sept 71

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 Randall WEATHER Hazy INST. NO. 25239

NOTES BY RODRIGUEZ DATE 24 SEPT 71 TIME 13:50 ROD NO. 1713 AB

INDEXED E. J. GAUL DATE OCT 4 71 NOTES CHKD. DATE

F.B. 4118 PG. 275

| STATION | BACKSIGHT RIGHT | MIC. | LEFT. | STADIA | FORESIGHT RIGHT | MIC. | LEFT. | STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| BM15-6A | | | | | | | | | FROM BM15-6A TO BM15-5B |
| 1 | 121 | 147 | 422 5 | 144 121 46 | 230 | 392 | 531 5 | 254 206 48 | BM15-6A |
| | | | | | | | | | Peck Rd @ Live Oak |
| 2 | 88 | 178 | 389 5 | 116 60 56 | 205 | 106 | 506 5 | 234 176 58 | S.E. COR |
| | | | | 102 | | | | 106 | F.B. 3709-203 |
| 3 | 114 | 597 | 415 5 | 148 80 68 | 213 | 042 | 514 5 | 246 180 66 | PETERSON |
| | | | | 170 | | | | 172 | |
| 4 | 95 | 534 | 394 5 | 125 65 60 | 161 | 681 | 462 5 | 190 132 58 | RERUN |
| | | | | 230 | | | | 230 | |
| 5 | 115 | 602 | 416 5 | 144 86 58 | 160 | 860 | 461 5 | 190 130 60 | |
| | | | | 288 | | | | 290 | |
| 6 | 123 | 758 | 424 5 | 143 103 40 | 154 | 131 | 455 5 | 173 135 38 | |
| | +658 | 816 | | 328 | 1125 | 212 | | 328 | |
| | | | | | +658 | 816 | | 328 | |
| BM15-5B | | | | | -466 | 396 | | 656 | BM15-5B (Flood Control BM 67 75) Peck Rd. 0.4 mi. So. of Live Oak Ave. F.B. 3709-202 |

F.B. 4118 PG. 276

JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM TO |
| | | | | | | | | | No Rerun this Direction |