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

F.B. 2234 Pg.

| Job | Description |
|---|---|
| | LUITWIELER ROAD - 0075.04 |
| Index | |
| P-Line | From Whittier Blvd. to Skyline Dr. |
| Trav. Line | From Luitwieler Rd. control line to Aerial Control Pt. #3. |
| B.M. | Bench Levels. |
| Elev. | Triangulation & Vertical Control. |
| Elev. | Add'l triangulation control for aerial surveys. |
| Elev. | Horizontal & vertical control for photogrammetry. |
| B.M. | Bench Levels-Colima Rd. Nly to "P" points. |
| Elev. | Prof. over original control line for photogrammetric check. |
| Topog. | Loc. power poles and prof. at Hacienda Blvd. for photogrammetric ck. |
| Elev. | Scheme of profile lines & profile-vic. of Colima Rd. & La Sexta St. for Photogrammetric check. |
| Align. | From Anaheim Puente Rd. to Stimson Ave. |
| C.L. | From Colima Rd. & Mar Vista St. to Hacienda Blvd. |
| Align. | To Hacienda Blvd. |
| Ties | Sec. line ties to Sec. 24/25; 25/26 T2S R11W. |

Microfilmed July 86

(cont'd on next page)

F.B. 2234 Pg.

| Page | Job | Description |
|---|---|---|
| 131-154 | B.M. | Bench Levels from Whittier Blvd. to Hacienda Blvd. |
| 155-165 | C.L. | Align. from Camina Ave. to Stimson Ave. |
| 167-169 | Align. | From Whittier Blvd. N'ly to P.I. #4 on Colima Rd. nr. La Sexta St. |
| 201-204 | Elev. | Profile from S"7" to P-"Q" for photogrammetric check. |
| 205-208 | C.L. | Rechaining C.L. east of Hacienda Blvd. |
| | | COLIMA RD. 0302.01 |
| 209-211 | Sec. Cor. | Replacing ¼ sec. cor. bet. Sec's 25 & 26 T2S, R11W. |

| | |
|---|---|
| Notes Ck'd by | Survey of LUITWIELER RD. |
| Map No. | W. O. 0075.04 Tape No. St'd. °F |
| Office Work | Surveyed by A.N. HELLSTROM |
| Checked | Notes A.N.H. Date 6-1956 |
| Date | Indexed A. C. Johnson |

F. B. 2234 Pg. 5

OCT 19 '56

J.N. #0075.04

LUITWIELER ROAD

FROM WHITTIER BLVD.-NORTHERLY AND EASTERLY TO TIE IN WITH FIFTH AVE JOB.

THIS PROPOSED ROAD WILL CROSS SKYLINE DRIVE; HACIENDA BLVD; & STIMSON AVE. (PROPOSED)

(LUITWIELER ROAD TO BE AN AERIAL SURVEY)

| | PAGES |
|---|---|
| INDEX | 6-10 |
| CONTROL LINE ℄ | 12-22 |

SKETCHES SHOWING SCHEME OF TRIANG. STAS. — Pages-32-36-41-42-45-56-57-58

HORIZONTAL ANGS. - 34-37-43-47-48-49-55-59-60

VERTICAL ANGS. - 33-38-44-51-52-53-54-61-62-63

A.N. HELLSTROM
J.M. MALDONADO
G.L. MATTHIESEN
C.W. ADAMS.

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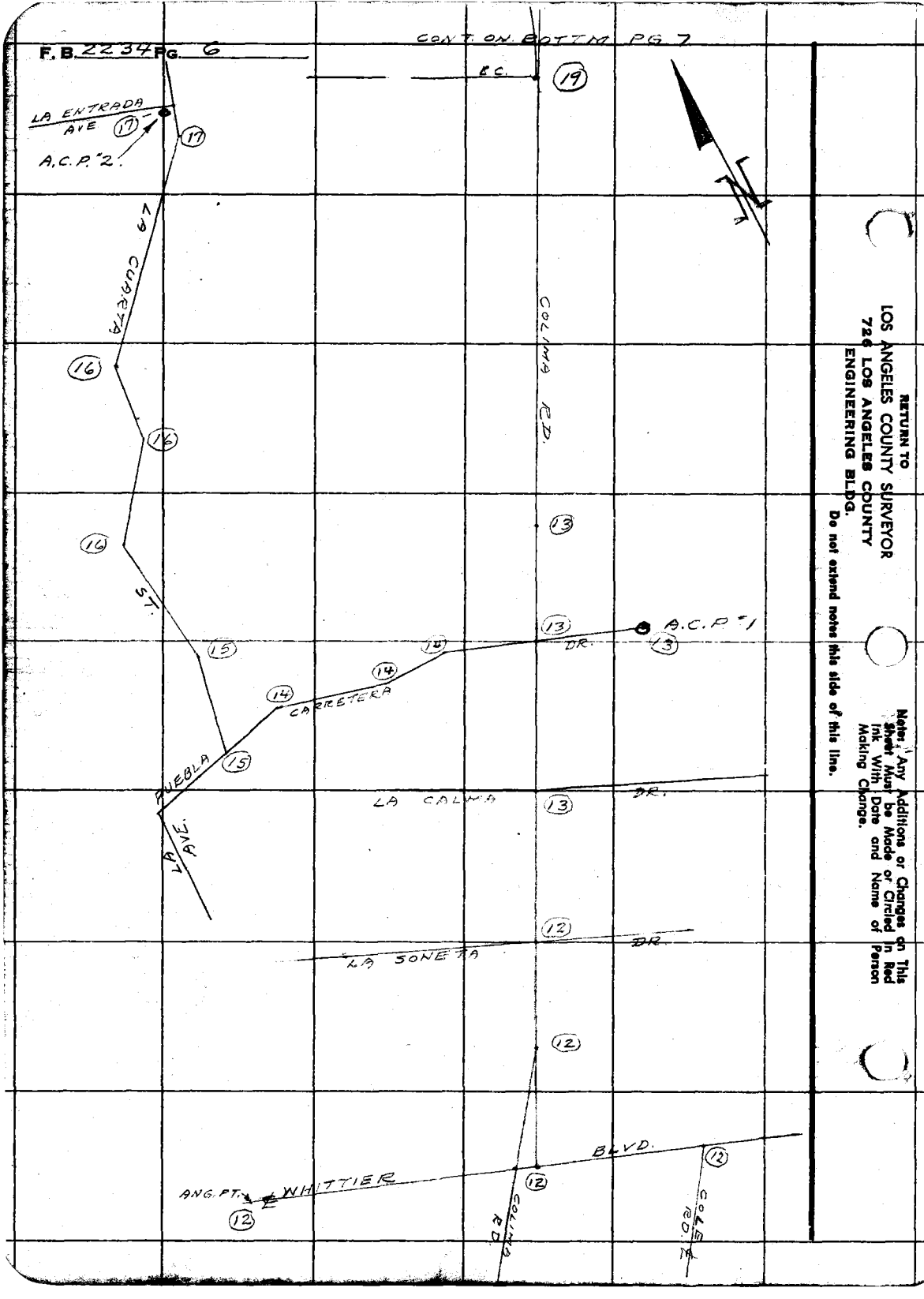
76F3065 S&E #247. 8-54

F.B. 2234 PG. 6

CONT. ON BOTTM PG 7

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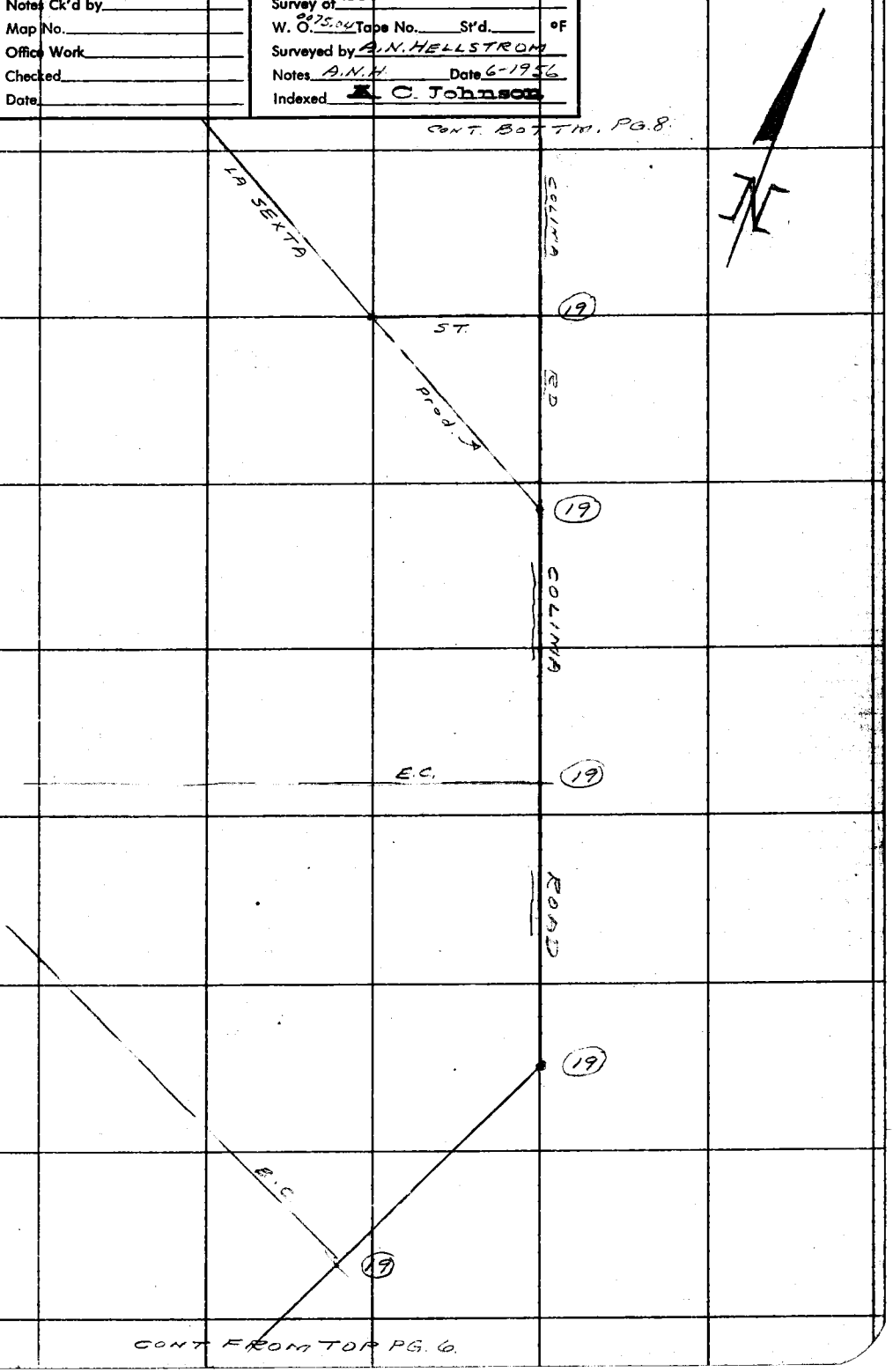
| Checked | Notes A.N.H. Date 6-1956 |
| Date | Indexed K. C. Johnson |

F. B. 2234 Pg. 7

CONT. BOTTM. PG. 8.




CONT FROM TOP PG. 6.

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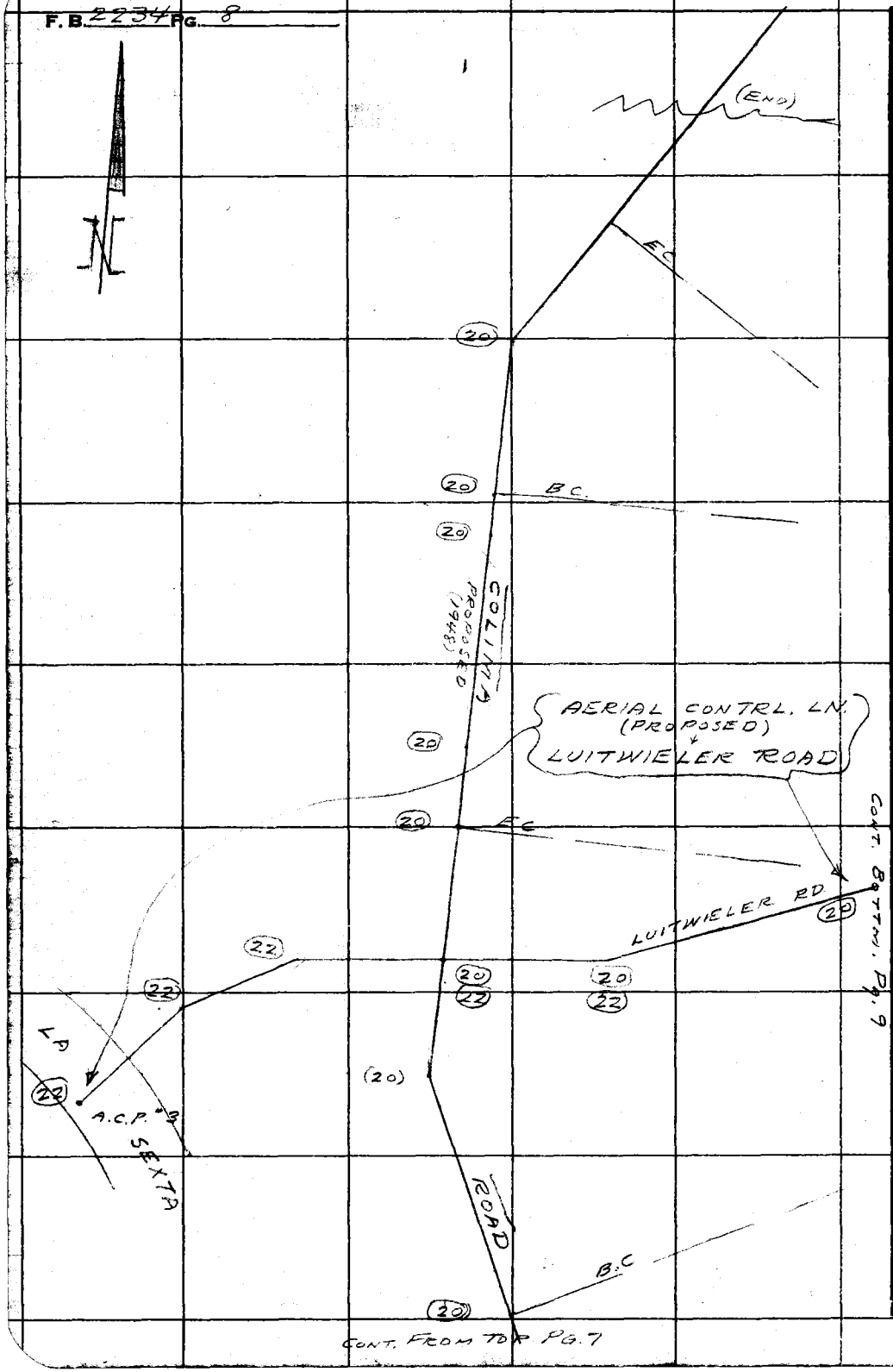
76F3005 S&E #247. 8-54

F.B. 2234 PG. 8

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| Checked | Notes A.N.H. Date 6-1956 |
| Date | Indexed C. Johnson |

F.B. 2234 PG. 9

N

(END)

RD.

ANAHEIM - PUENTE

F.B. 691-204

F.B. 691-204

AERIAL CONTROL LINE
(Proposed)
LUITWIELER ROAD
F.B. 691 - pgs. 194-206

ROAD

SEE F.B. 2232-12

STIMSON AVE
(PROPOSED)

BLVD.

HACIENDA

F.B. 691-198

P.I.
F.B. 691
pgs. 196-197

DRIVE

SKYLINE

F.B. 691-194

LUITWIELER

F.B. 2234
Pg. 20

CONT. FROM Right Side Pg. 8

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76F309S S&E #247. 8-54

| | |
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| Office Work | Surveyed by A.N. HELLSTROM |
| Checked | Notes A.N.H. Date 6-1956 |
| Date | Indexed [illegible] Johnson |

F.B. 2234 Pg. 11

OCT 19 56

J.N. "0075.04

LUITWIELER ROAD

ALSO SEE F.B. 691

A.N. HELLSTROM
J.M. MALDONADO
G.L. MATTHIESEN
C.W. ADAMS

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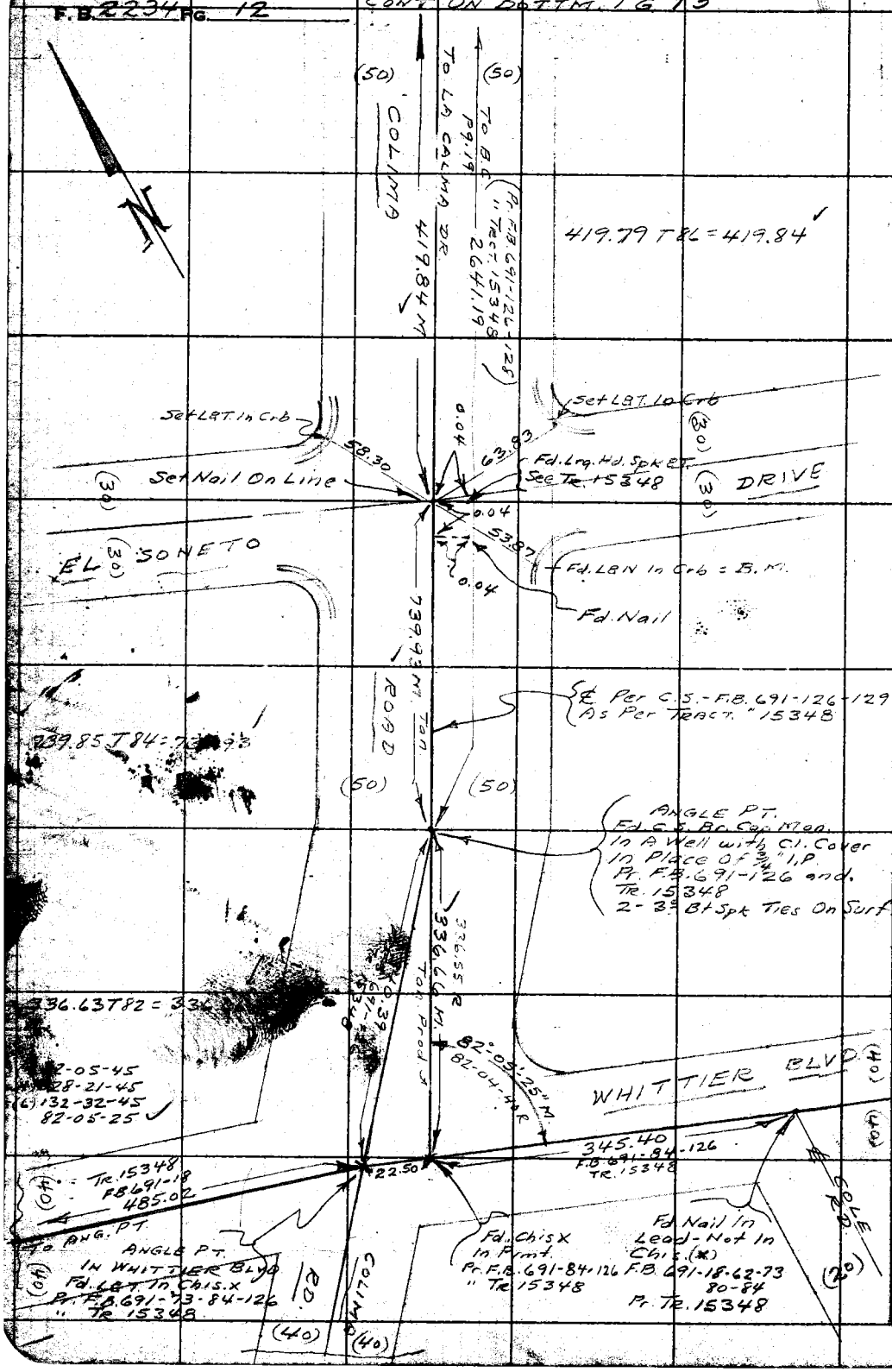
76F3098 247 4-53

F.B. 2234 PG. 12

CONT ON BOTTM. PG 13

W.S. 34-C-1, C-2

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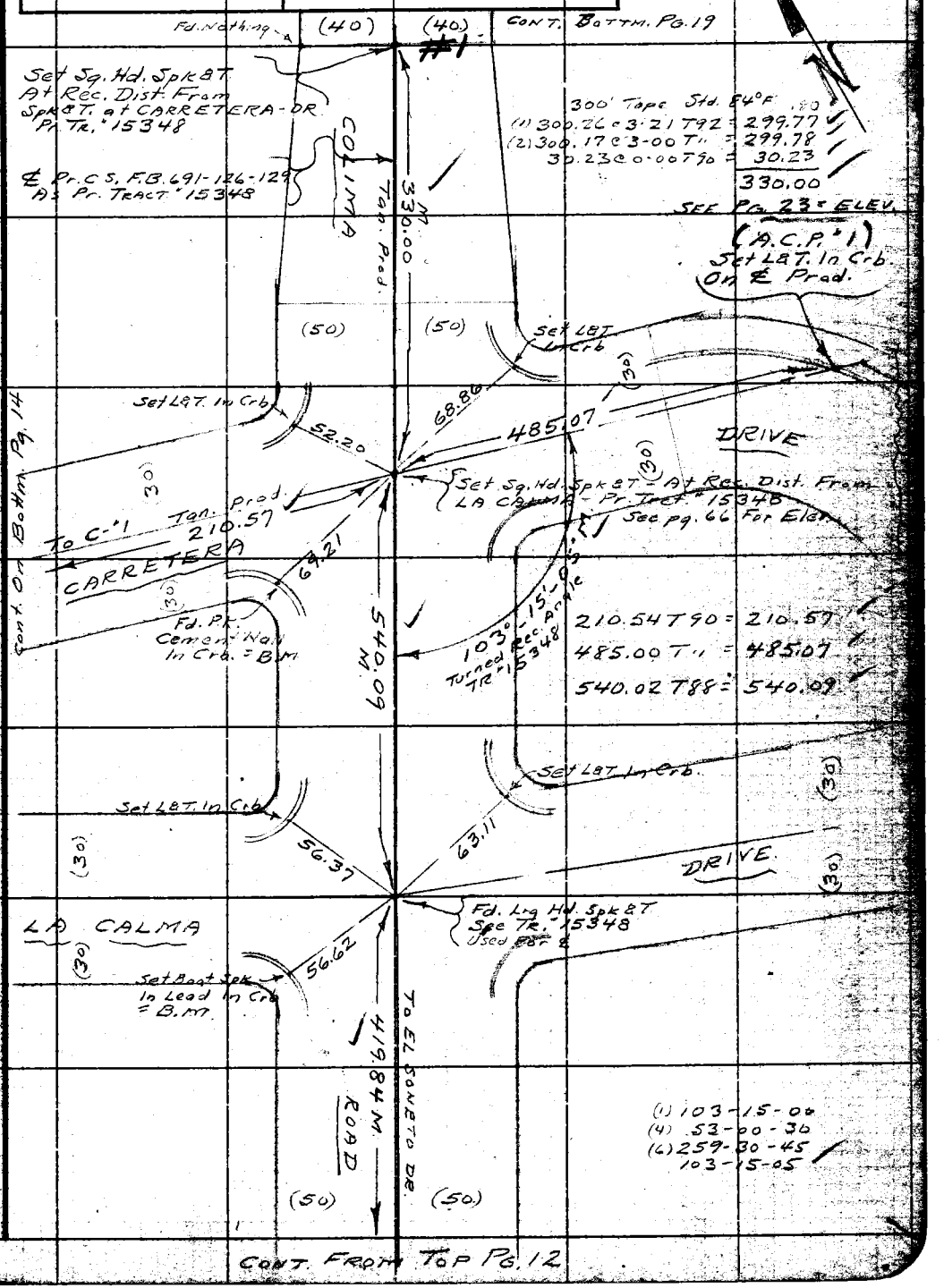
| Date | Indexed C. Johnson |

F.B. 2234 PG. 13

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

76F3098 247 4-53

F.B. 2234 PG. 14

Cont. On Right Sd. Pg. 15

W.S. 34-C-1

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TO NEXT INTER

221.99

CARRETERA

221.97 T82 = 221.99

125°-07'-40"

C-#3
Set Chis(x) In North Curbing
Of CARRETERA DR.
On So. Sd. Of Wash.
See pg. 66 For Elev.

(1) 125-07-30
(4) 140-30-30
(6) 30-46-00
125-07-40

308.84

308.81 T80 = 308.83

137°-10'-20"

C-#2
Fd. Chis(x)
In South
Curbing
CARRETERA DR.
In Front of
House #15152
See pg. 66
For Elev.

(1) 137-10-15
(4) 274-20-45
(4) 188-41-30
137-10-20

DRIVE

260.26

260.24 T80 = 260.26

149°-11'-20"

C-#1
Set L&T In Curb (North Curbing of Street)
At Drvwy.
To House #15185-CARRETERA DR.
See pg. 65 For Elev.

210.57

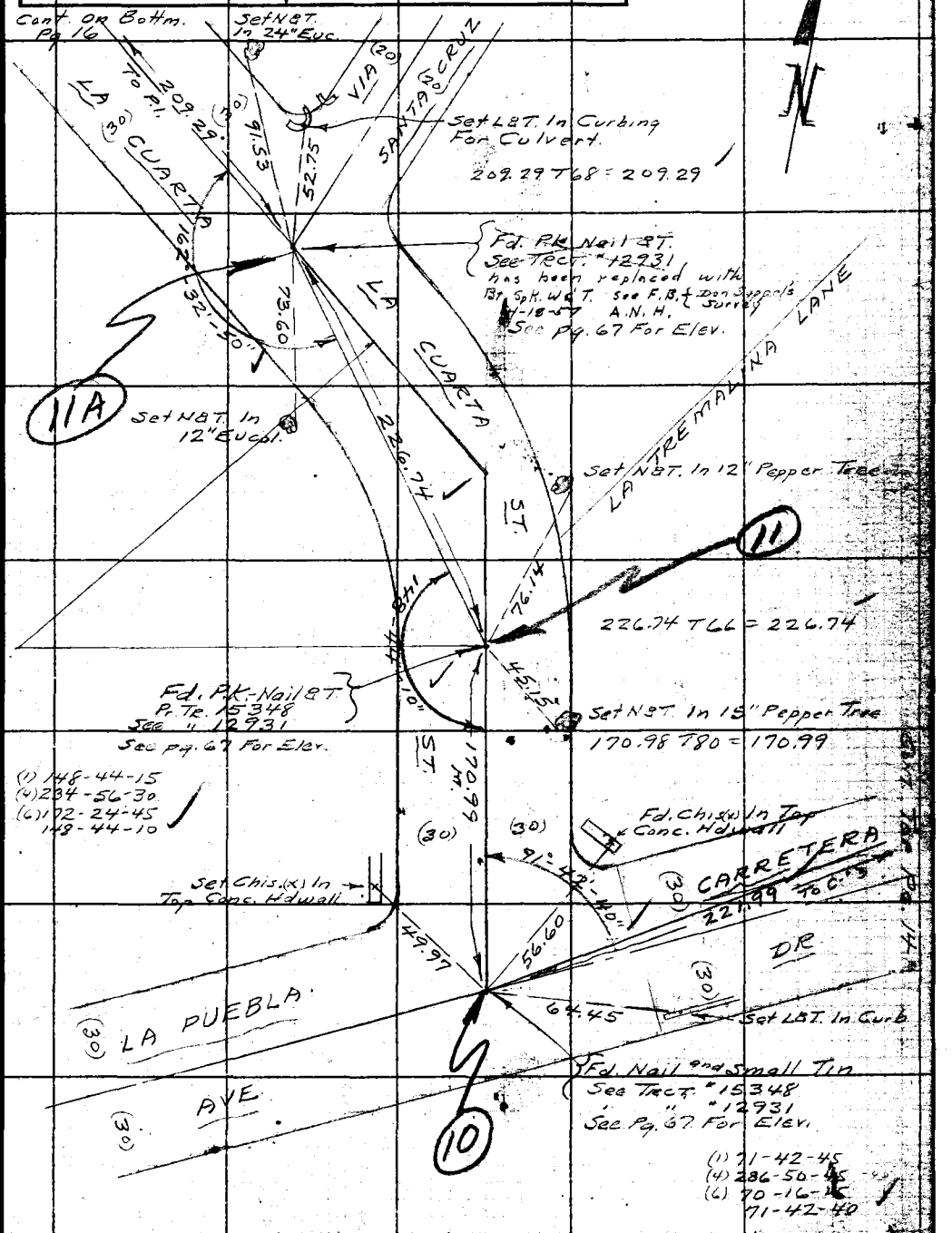
(1) 149-10-45
(4) 236-45-15
(6) 175-08-15
149-11-20

Cont. From Left Sd. Pg. 13

| | |
|---|---|
| Notes Ck'd by JFM | Survey of LUITWIELER RD. |
| Map No. | W. O. 0075.04 Tape No. 074 St'd. 68 °F |
| Office Work | Surveyed by A.N. HELLSTROM |
| Checked | Notes A.N.H. Date 6-1956 |
| Date | Indexed J. C. Johnson |

F.B. 2234 Pg. 15

(1) 162-33-00
(4) 290-11-15-50
(6) 255-16-45
162-32-50




W.S. 34-C-1

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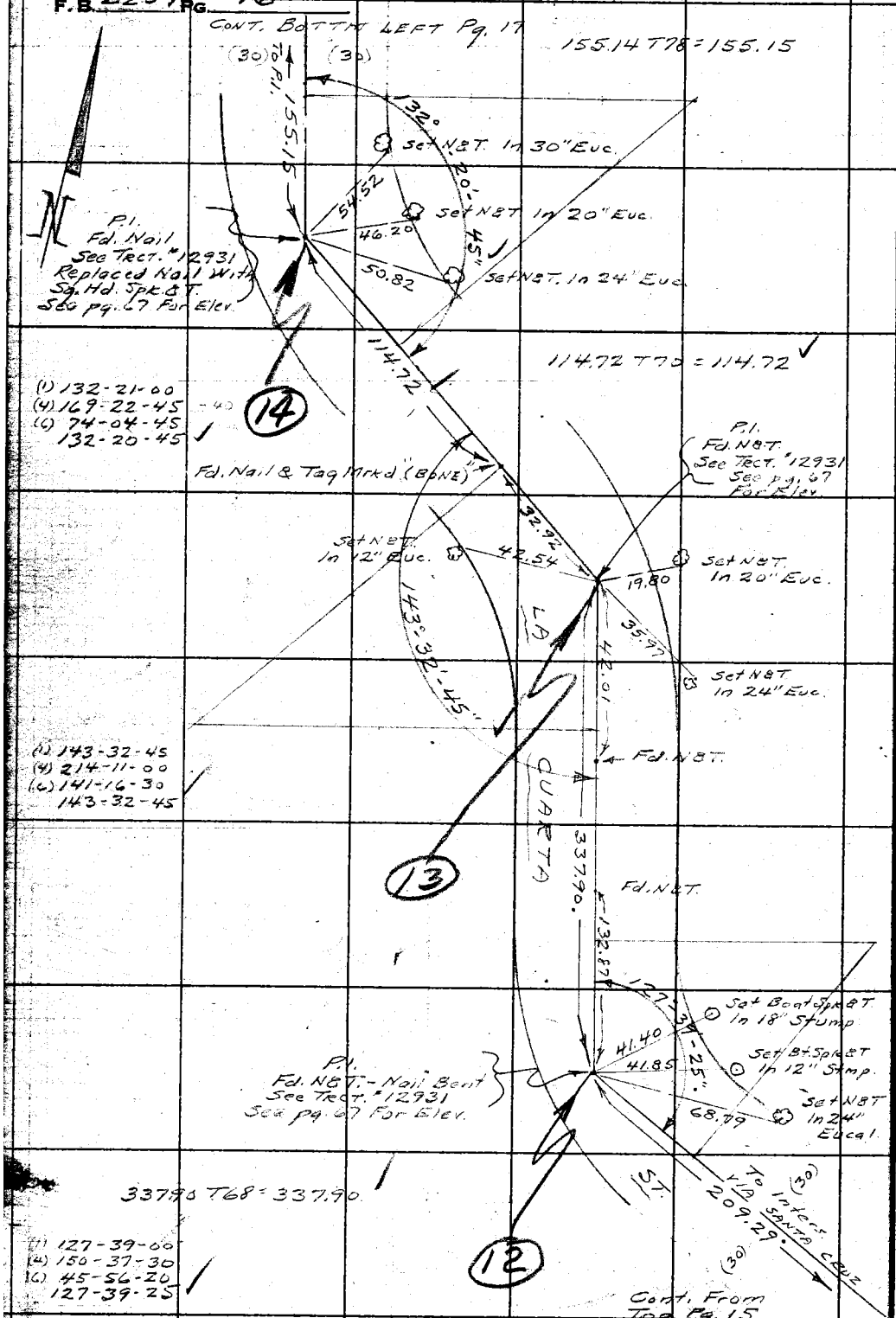
76F3098 247 4-53

F.B. 2234 PG. 16




W.S. 34-C-1

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| | |
|---|---|
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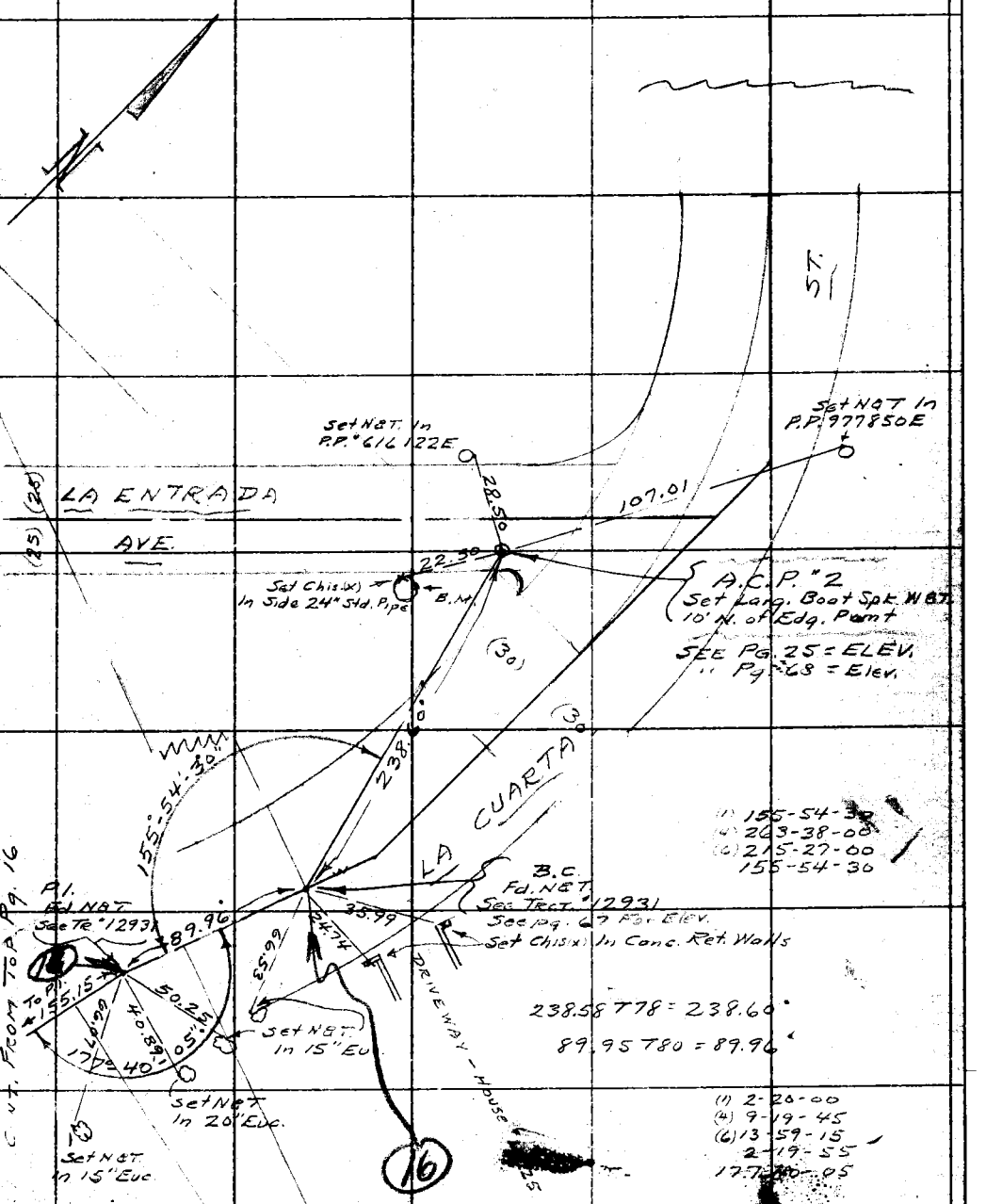
| Map No. | W. O. 0075.04 Tape No. 074 St'd. 68 °F |
| Office Work | Surveyed by A.N. HELLSTROM |
| Checked | Notes A.N.H. Date 6-20-56 |
| Date | Indexed C. Johnson |

F. B. 2234 Pg. 17

W.S. 34-C-1

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76F3098 S&E #247. 8-54

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Map No.
Office Work
Checked
Date

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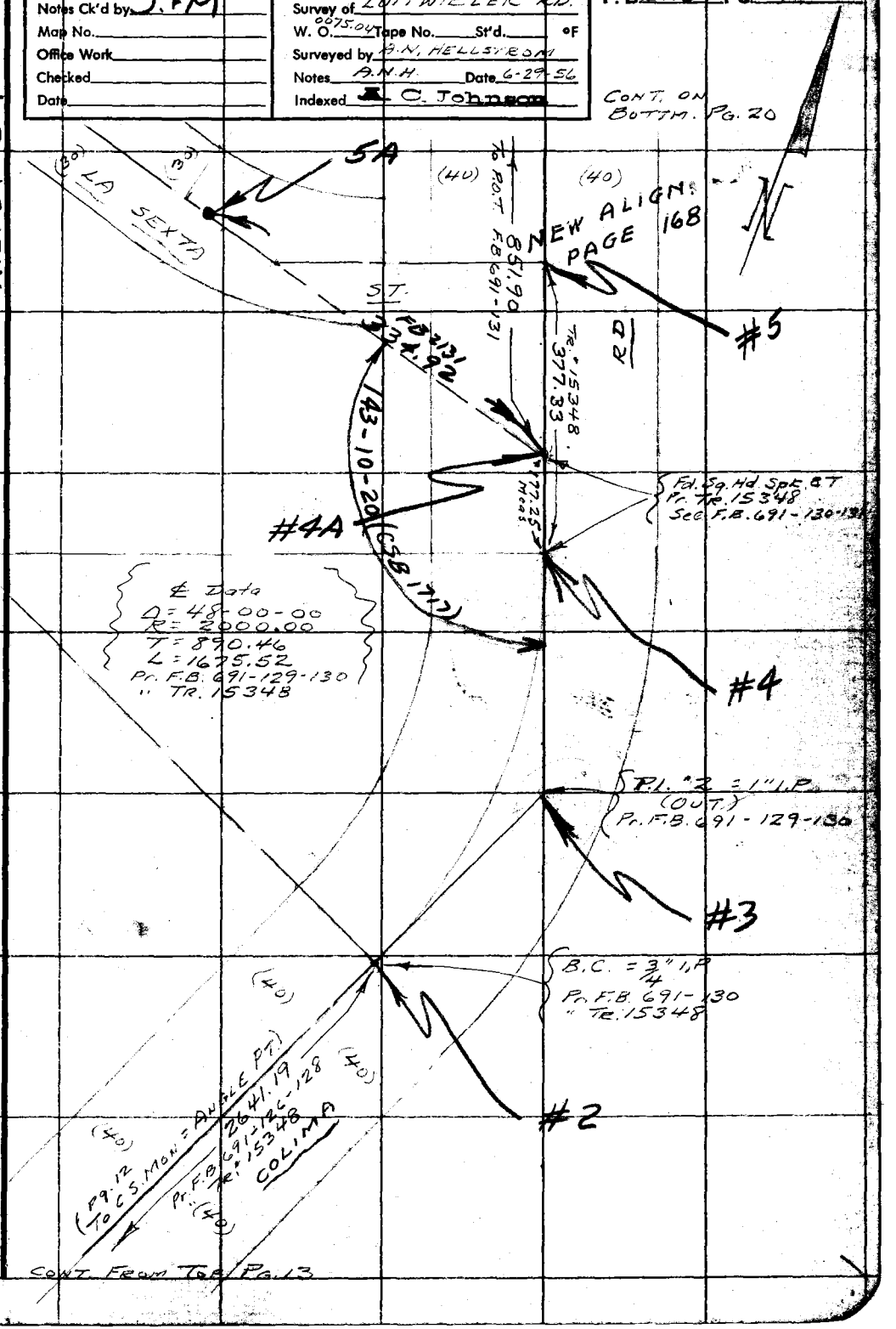
W. O. 0075.04 Tape No. St'd. °F
Surveyed by A.N. HELLSTROM
Notes A.N.H. Date 6-29-56
Indexed J. C. Johnson

F. B. 2231 Pg. 19

CONT. ON BOTTM. PG. 20

W.S. 34-C-1

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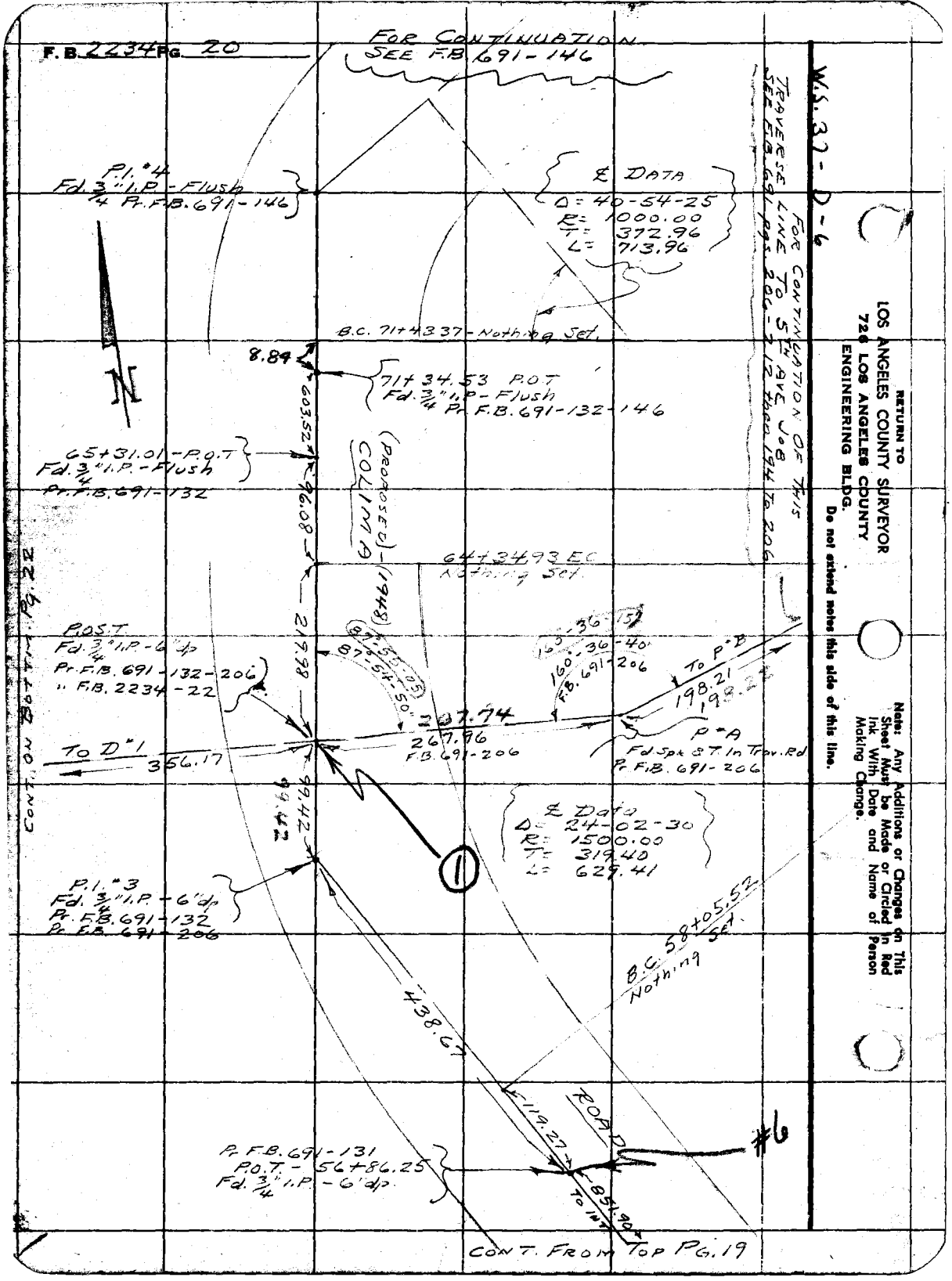
76F3095 S&E #247. 8-54


F.B. 2234 PG. 20
FOR CONTINUATION SEE F.B. 691-146
W.S. 37-D-6
FOR CONTINUATION OF THIS TRAVERSE LINE TO 5TH AVE JOB SEE F.B. 691 pgs. 206-212 thru 194 to 206
P.I. #4
Fd. 3/4" I.P. - Flush
Pr. F.B. 691-146
℄ DATA
Δ = 40-54-25
R = 1000.00
T = 372.96
L = 713.96
B.C. 71+43.37 - Nothing Set.
8.89
71+34.53 P.O.T.
Fd. 3/4" I.P. - Flush
Pr. F.B. 691-132-146
603.52
65+31.01 - P.O.T.
Fd. 3/4" I.P. - Flush
Pr. F.B. 691-132
96.08
(PROPOSED) - (1948) COLIMA
64+34.93 EC
Nothing Set.
P.O.S.T.
Fd. 3/4" I.P. - 6" dp
Pr. F.B. 691-132-206
" F.B. 2234-22
219.98
87°-55'-05"
87°-54'-50"
160°-36'-15"
160°-36'-40"
F.B. 691-206
To P#B
198.21
198.22
207.74
267.96
F.B. 691-206
P#A
Fd. Spk. & T. In Trav. Rd.
Pr. F.B. 691-206
To D#1
356.17
99.42
99.42
℄ Data
Δ = 24-02-30
R = 1500.00
T = 319.40
L = 629.41
1
P.I. #3
Fd. 3/4" I.P. - 6" dp
Pr. F.B. 691-132
Pr. F.B. 691-206
B.C. 58+05.52
Nothing Set.
438.67
119.27
ROAD
#6
Pr. F.B. 691-131
P.O.T. - 56+86.25
Fd. 3/4" I.P. - 6" dp.
851.90
TO INT.
CONT. FROM TOP PG. 19
CONT. ON BOTTOM PG. 22
RETURN TO
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| Map No. | W. O. 0075.04 Tape No. 974 St'd. C8 °F |
| Office Work | Surveyed by A.N. HELLSTROM |
| Checked | Notes A.N.H. Date 6-25-56 |
| Date | Indexed C. Johnson |

F.B. 2234 PG. 21

OCT 19 '56

J.N. "0075.04

LUITWIELER ROAD

TRAVERSE LINE FROM LUITWIELER RD. CONTROL LINE TO AERIAL CONTROL POINT "3 - (A.C.P. "3)

SEE F.B. 2234 pg. 29 — FOR ELEV.

A.N. HELLSTROM
J.M. MALDONADO
G.L. MATTHIESEN
C.W. ADAMS.

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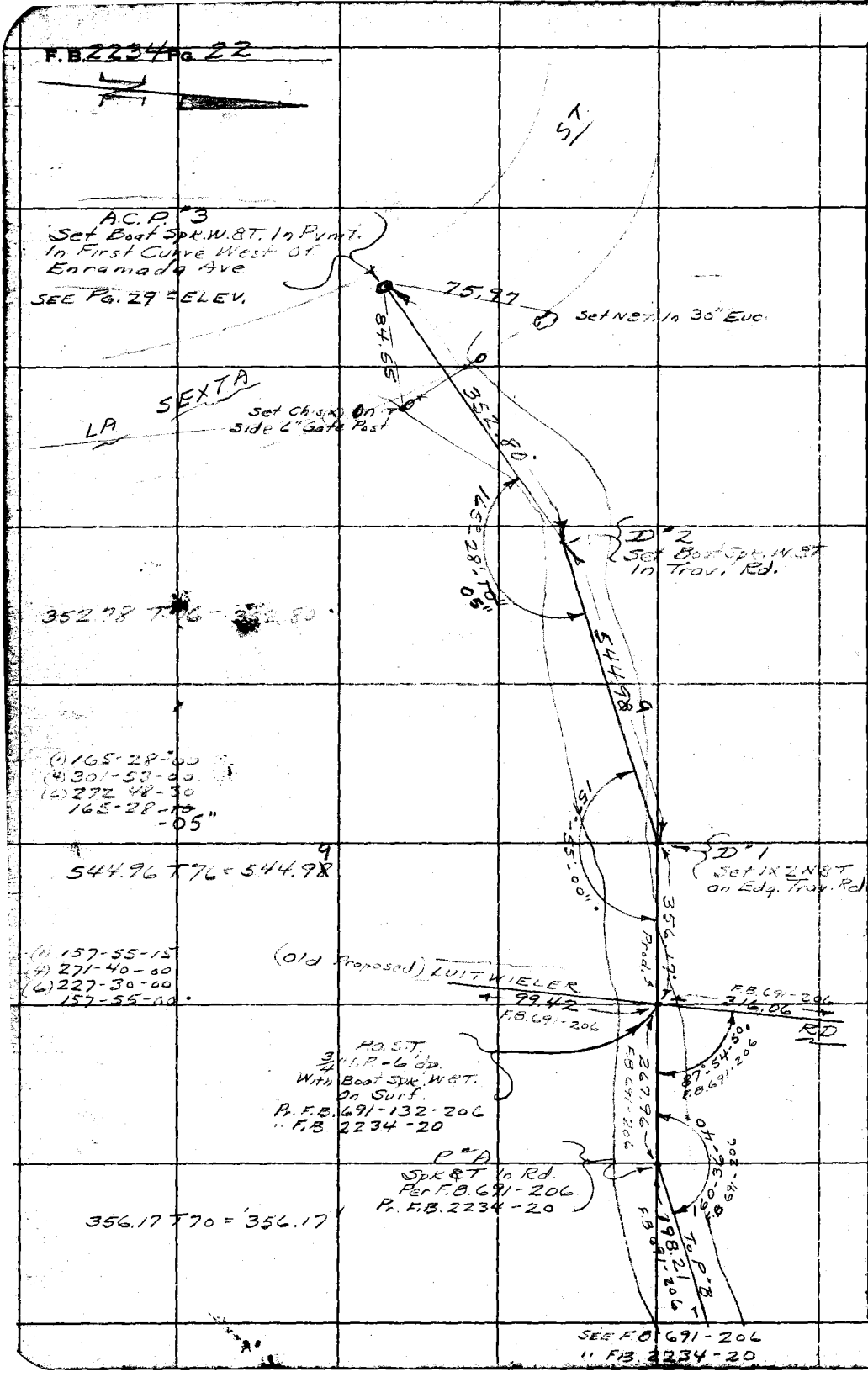
76F3066 S&E #247. 8-54

F.B. 2234 Pg. 22

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| Profile No. | Notes Red. | Plotted | Job No. 0075.04 | Division No. 10 | F. B. 2234 Pg. 23 |
|---|---|---|---|---|---|
| | Date | Date | Survey of LUITWIELER RD. | | |
| X-Sec. No. | Notes Chkd. JMM | Checked | Survey by Hellstrom | Notes A.N.H. | Date 6-22-56 |
| | Date | Date | Map No. | Indexed A. C. Johnson | Date OCT 19 56 |

J.N. #0075.04

LUITWIELER ROAD

BENCH LEVELS TO ESTABLISH ELEV.
ON AERIAL CONTROL POINT #1 (A.C.P. #1)

SEE F.B. 2234 pg. 13 — FOR LOCATION

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| | | | A.N. HELLSTROM<br>J.M. MALDONADO<br>G.L. MATTHIESEN<br>C.W. ADAMS | |

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| B.M. #C-7 | | | | 314 73 | B.M. #C-7 - Elev. 314.73 pr. F.B. 691-234 COLIMA RD. and CARRETERA DRIVE - S.W. COR. Cement Nail (P.K.) In Middle Of Curb Return. | |
| | 11 16 | 325 89 | | | | |
| T.P. | | | 1 23 | 324 66 | | |
| | 9 66 | 334 32 | | | | |
| T.P. | | | 0 11 | 334 21 | | |
| | 5 06 | 339 27 | | | | |
| A.C.P. #1 | | | 3 42 | 335 85 | A.C.P. #1 - NORTH SIDE CARRETERA DR. A Lead & Tack In Curbing In Front Of House #15245 CARRETERA DR. See F.B. 2234 pg. For Location | |
| | 2 04 | 337 89 | | | | |
| T.P. | | | 11 70 | 326 19 | | |
| | 0 67 | 326 86 | | | | |
| B.M. #C-7 | | | 12 13 | 314 73 | B.M. #C-7 - Elev. 314.73 Per Above | |

F. S. 2234 Pg. 24 Job No. 0075.04 Division No. 10 Notes Red. Plotted Profile
Survey of LUITWIELER RD. Date Date No.
Survey by Hellstrom Notes A.H.H. Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

| | | | | |
|---|---|---|---|---|
| Profile No. | Notes Red. | Plotted | Job No. 0075.04 | Division No. 10 |
| | Date | Date | Survey of LUITWIELER ROAD | |
| X-Sec. No. | Notes Chkd. | Checked | Survey by Hellstrom | Notes A.N.H. Date 6-22-56 |
| | Date | Date | Map No. | Indexed A. C. Johnson Date OCT 19 '56 |

F. B. 2234 Pg. 25

J.N. #0075.04

LUITWIELER ROAD

BENCH LEVELS TO ESTABLISH ELEV. ON

AERIAL CONTROL POINT #2 (A.C.P. #2)
SEE F.B. 2234 pg. 13-17 - FOR LOCATION

ALSO SET T.B.M.'S ALONG CARRETERA DR. -
LA CUARTA ST. - [illegible] EL CAMADA AVE. TO LA SEXTA ST.

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

A.N. HELLSTROM
J.M. MALDONADO
G.L. MATTHIESEN
C.W. ADAMS

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| B.M. #C-7 | | | | 314 73 | B.M. #C-7 - Elev. 314.73 pr. F.B. 691-234 COLIMA ROAD and CARRETERA DRIVE - S.W. COR. Cement Nail (P.K.) In Middle Of Curb Return | |
| | 3 20 | 317 93 | | | | |
| T.P. | | | 11 55 | 306 38 | | |
| | 1 17 | 307 55 | | | | |
| T.P. | | | 11 365 | 296 185 | | |
| | 0 74 | 296 925 | | | | |
| T.P. | | | 11 815 | 285 11 | | |
| | 2 67 | 287 78 | | | | |
| T.B.M. | | | 7 39 | 280 39 | T.B.M. - CARRETERA DRIVE - South Side At INTERS. LA CUARTA - ST. - SET L&T In Curbing 1' From End In Front Of House #15106 CARRETERA DRIVE | |
| | 3 48 | 283 87 | | | | |
| T.P. | | | 2 64 | 281 23 | | |
| | 8 76 | 289 99 | | | | |
| T.P. | | | 0 35 | 289 64 | | |
| | 11 305 | 300 945 | | | | |
| T.P. | | | 0 56 | 300 385 | | |
| | 11 625 | 312 01 | | | | |
| T.P. | | | 0 15 | 311 86 | | |
| | 11 655 | 323 515 | | | | |
| T.P. | | | 0 54 | 322 975 | | |
| | 7 495 | 330 47 | | | | |

F. B. 2234 Pg. 26 Job No. 0075.04 Division No. 10 Notes Red. Plotted Profile
Survey of LUITWIELER ROAD Date Date No.
Survey by Hellstrom Notes A.N.H. Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 330 47 | | | | |
| A.C.P. #2 | | | 3 47 | 327 00 | A.C.P. #2 | LA CUARTA ST. and LA ENTRADA AVE. S.E. COR. - Boat Spk. W.B.T. In Pavemt. 10' North of Edg. Pvmt. See F.B. 2234 pg. 17 For Location |
| | 5 03 | 332 03 | | | | |
| T.B.M. | | | 0 945 | 331 085 | T.B.M. - LA CUARTA ST. and LA ENTRADA AVE. - S.E. COR. | |
| | 6 62 | 337 705 | | | Set Boat Spk. In Lead In Top 24" Std. Pipe Rim | |
| T.P. | | | 0 61 | 337 095 | 4° ± Above Ground. | |
| | 3 80 | 340 895 | | | | |
| T.P. | | | 11 42 | 329 475 | | |
| | 4 25 | 333 725 | | | | |
| T.B.M. | | | 5 79 | 327 935 | T.B.M. - LA CUARTA ST. and ENRAMADA AVE. | |
| | 6 00 | 333 935 | | | N.W. COR. - Set Boat Spk. In Curb at Mid. Crb. Ret. | |
| T.P. | | | 1 24 | 332 695 | | |
| | 9 64 | 342 335 | | | | |
| T.P. | | | 0 45 | 341 885 | | |
| | 10 11 | 351 995 | | | | |
| T.P. | | | 0 59 | 351 405 | | |
| | 10 995 | 362 40 | | | | |
| T.P. | | | 0 53 | 361 87 | | |
| | 11 05 | 372 92 | | | | |
| T.P. | | | 0 49 | 372 43 | | |
| | 11 195 | 383 625 | | | | |

Profile Notes Red. ____ Plotted ____ Job No. 0075.04 Division No. 10 F. B. 2234 Pg. 27
No. ____ Date ____ Date ____ Survey of LUITWIELER RD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes D.N.H. Date 6-22-56
No. ____ Date ____ Date ____ Map No. ____ Made by C. Johnson Date ____

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 383 625 | | | | |
| T.P. | | | 037 | 383 255 | | |
| | 12125 | 395 38 | | | | |
| T.P. | | | 0155 | 395 225 | | |
| | 12235 | 407 46 | | | | |
| T.P. | | | 034 | 407 12 | | |
| | 11725 | 418 845 | | | OK ✓ | |
| T.P. | | | 050 | 418 345 | | |
| | 7585 | 425 93 | | | | |
| B.M. #C-2 | | | 420 | 421 73 | B.M. #C-2 - Elev. 421.67 Pr. - F.B. 691-231 LA SEXTA ST & ENRAMADA AVE - S.W. COR. Chis "B" in Top Flange Of Fire Hyd. | |

F. B. 2234 Pg. 28 Job No. 0075.04 Division No. 10 Notes Red. Plotted Date No. Profile
Survey of LUTWIELER RD Date Checked X-Sec.
Survey by Hellstrom Notes A.N.H. Notes Chkd. Date No.
Indexed Date Date

| Profile No. | Notes Red. | Plotted | Job No. 0075.04 | Division No. 10 | F. B. 2234 Pg. 29 |
|---|---|---|---|---|---|
| | Date | Date | Survey of LUITWIELER ROAD | | |
| X-Sec. No. | Notes Chkd. | Checked | Survey by Hellstrom | Notes A.N.H | Date 6-25-56 |
| | Date | Date | Map No. | Indexed G. Johnson | Date OCT 19 56 |

J.N. #0075.04

LUITWIELER ROAD

BENCH LEVELS TO ESTABLISH ELEV. ON AERIAL CONTROL PT. #3 (A.C.P. #3)

SEE F.B. 2234 pg. 22 - FOR LOCATION

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| | A.N. HELLSTROM<br>J.M. MALDONADO<br>G.L. MATTHIESEN<br>C.W. ADAMS. | | | |

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761298 S & E #307 9-54

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| B.M.# C-1 | 0505 | 398 465 | | 397 96 | B.M.# C-1 LA SEXTA ST - North Side. - Chis "II" In Top of E'ly Gate Post (Cable Gate) To STANDARD OIL PROP. 50'± N of ℄ La Sexta St. at First Curve W. of ENRAMADA AVE Elev. 397.96 - F.B. 691-230-231 | |
| A.C.P.# 3 | 8855 | 398 395 | 8 925 | 389 54 | A.C.P.# 3 - Boat Spr. WET. In LA SEXTA ST. At 1ST CURVE W. of ENRAMADA AVE. See F.B. 2234 pg. FOR LOCATION | |
| B.M.# C-1 | | | 0435 | 397 96 | B.M.# C-1 Pr. Above | |

F. B. 2234 Pg. 30 Job No. 0075.04 Division No. 10 Notes Red. Plotted Profile
Survey of LUITWIELER ROAD Date Date No.
Survey by Hellstrom Notes J.M.M. Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

| | |
|---|---|
| Notes Ck'd by | Survey of Luitwieler Rd. |
| Map No. | W. O. 0075.04 Tape No. St'd. °F |
| Office Work | Surveyed by Snyder |
| Checked | Notes PRS Date 6-7-56 |
| Date | Indexed K. C. Johnson |

F. B. 2234 Pg. 31

OCT 19 '56

J.N. 0075.04
LUITWIELER RD
TRIANGULATION CONTROL

From - A Point 1 Mile t East of
HACIENDA BLVD - South & West

To -

Panty
Snyder
Le Gault
Evans
Benkson

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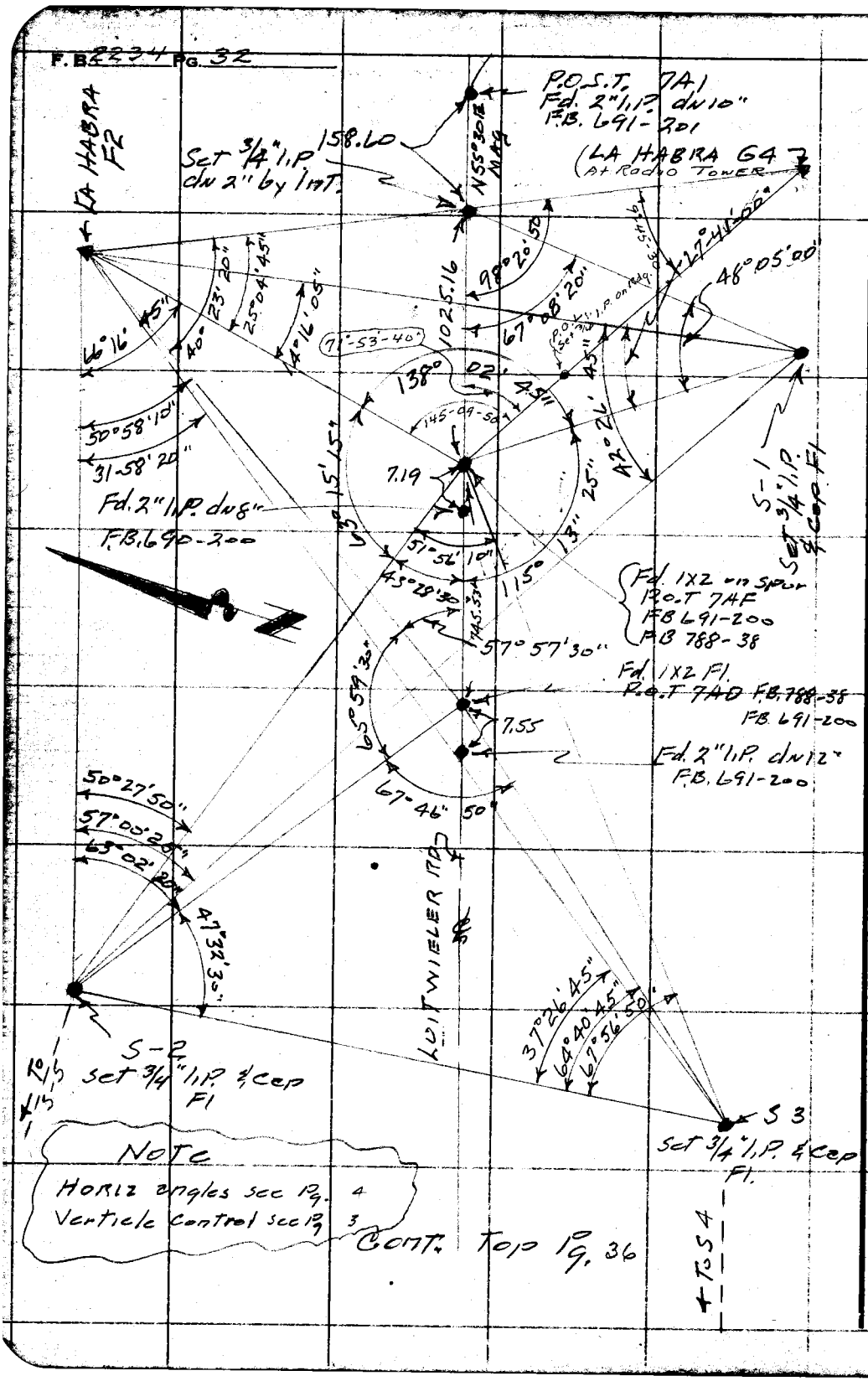
76F309S S&E #247. 8-54

F.B. 2234 PG. 32

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| | |
|---|---|
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| Map No. | W.O. 75-4 Tape No. St'd. °F |
| Office Work | Surveyed by Snyder |
| Checked | Notes PRS Date 6-7-56 |
| Date | Indexed C. Johnson |

F.B. 2231 PG. 33

# VERTICLE CONTROL For Pg. 2

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ∡ AT | ∡ Above Ground | H.I. | Sight on | Vert. ∡ | Rod | Elev. | |
| INT 3/4"I.P. | 5.0 | 632.83 | | | | 627.83 | INT. 3/4" I.P. FB. 691-242 |
| | | | S.1 | +9-33-20 | 10' | | 3/4" I.P. |
| P.O.T 7AF | 5.0 | 627.35 | | | | 622.35 | P.O.T. 7AF 1X2 FB 788-49 |
| | | | S.1 | +9-38-00 | 10' | | 3/4" I.P. |
| | | | LA HABRA F2 | +1-51-40 | 10 | | Good. Mon |
| | | | S.2 | +2-01-20 | 10' | | 3/4" I.P. |
| | | | S 3 | +3-54-00 | 10' | | 3/4" I.P. |
| S 1 | 4.9 | | | | | | 3/4" I.P. |
| | | | P.O.T 7AF | -9-26-20 | 3.2 | | P.O.T. 7AF 1X2 El 622-35 FB 788-49 |
| | | | INT 3/4" I.P | -9-20-50 | 3.6 | | INT 3/4" I.P El 622-35 FB. 691-242 |
| | | | LA HABRA F2 | -2-11-00 | 10' | | Good. Mon. |
| | | | S 2 | -1-32-40 | 9' | | 3/4" I.P. |
| P.O.T. 7AD | 4.9 | 628.06 | | | | 623.16 | P.O.T. 7AD 1X2 FB. 788-48 |
| | | | LA HABRA F2 | +1-35-00 | 9' | | Good. Mon |
| | | | S 2 | +2-22-40 | 9' | | 3/4" I.P. |
| | | | S 3 | +5-20-20 | 9' | | 3/4" I.P. |
| LA HABRA F2 | 4.5 | | | | | | Good. Mon |
| | | | P.O.T 7AD | -1-33-00 | 3.6 | | P.O.T. 7AD 1X2 FB 788-48 El. 623.16 |
| | | | P.O.T 7AF | -1-46-00 | 3.6 | | P.O.T. 7AF 1X2 FB. 788-49 El 622.35 |
| | | | S 1 | +2-20-20 | 9' | | 3/4" I.P. |
| | | | S 2 | +0-32-00 | 9' | | 3/4" I.P. |
| S.2 | 4.8 | | | | | | 3/4" I.P. |
| | | | S.3 | +2-02-00 | 9' | | 3/4" I.P. |
| | | | S 1 | +1-38-20 | 9' | | 3/4" I.P. |
| | | | LA HABRA F2 | -0-22-30 | 9' | | Good. Mon. |
| | | | P.O.T 7AF | -1-54-40 | 3.6 | | P.O.T. 7AF 1X2 FB 788-49 El 622.35 |
| | | | P.O.T 7AD | -2-20-40 | 3.6 | | P.O.T. 7AD 1X2 FB 788-48 El 623.16 |
| S-3 | 5.1 | | | | | | |
| | | | P.O.T 7AF | 1) -3-50-00 2) -3-50-20 | 3.6' | | P.O.T 7AF 1X2 FB. 788-49 El. 622.35 |
| | | | P.O.T 7AD | 1) -5-15-40 2) 5-16-00 | 3.6' | | P.O.T 7AD 1X2 FB. 788-48 El. 623.16 |
| | | | LA HABRA F2 | 1) -1-21-00 2) -1-21-20 | 9' | | Good. Mon F2 |
| | | | S 2 | 1) -1-50-00 2) -1-50-00 | 9' | | 3/4" I.P. |

Cont. Top Pg

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76F3095 S&E #247. 6-54

F.B. 2234 PG. 34 (3/4" I.P.)

# HORIZ. CONTROL For Pg 2

## TRANSIT AT INT ℄ & LINE from LA HABRA G4 To LA HABRA F2

| LA HABRA "G4" To ℄ | S1 To ℄ |
|---|---|
| 1 - 98-20-50 | 1 - 67-08-20 |
| 4 - 33-23-20 | 4 - 268-33-20 |
| 6 - 230-05-00 | 6 - 42-50-00 |
| 98-20-50 | 67-08-20 |

## TRANSIT AT P.O.T. 7AF

| S2 To ℄ | LA HABRA F2 To S2 | LA HABRA F2 To S1 | S1 To ℄ | S3 To S2 |
|---|---|---|---|---|
| 1 - 43-28-30 | 1 - 63-15-20 | 1 - 138-02-40 | 1 - 115-13-20 | 1 - 51-56-00 |
| 4 - 173-54-00 | 4 - 253-01-00 | 4 - 192-14-00 | 4 - 100-52-40 | 4 - 207-44-40 |
| 6 - 260-51-00 | 6 - 19-31-30 | 6 - 108-16-30 | 6 - 331-20-30 | 6 - 311-37-00 |
| 43-28-30 | 63-15-15 | 138-02-45 | 115-13-25 | 51-56-10 |

## TRANSIT AT S1

| LA HABRA F2 | S2 To | POT 7AF To LA HABRA F2 | POT. 7AF To 3/4" I.P. INT. |
|---|---|---|---|
| | 1 - 42-26-40 | 1 - 27-40-50 | 1 - 48-04-50 |
| | 4 - 169-47-00 | 4 - 116-44-00 | 4 - 192-20-00 |
| | 6 - 254-40-30 | 6 - 166-06-00 | 6 - 288-30-00 |
| | 42-26-45 | 27-41-00 | 48-05-00 |

## TRANSIT AT P.O.T. 7AD

| LA HABRA F2 | ℄ To | S-2 To LA HABRA F2 | S3 To S2 |
|---|---|---|---|
| | 1 - 57-57-40 | 1 - 65-59-30 | 1 - 67-46-40 |
| | 4 - 231-50-10 | 4 - 263-58-00 | 4 - 271-07-20 |
| | 6 - 347-45-00 | 6 - 35-57-00 | 6 - 46-41-00 |
| | 57-57-30 | 65-59-30 | 67-46-50 |

## TRANSIT AT LA HABRA F2

| LA HABRA G4 To P.O.T. 7AF | G4 To P.O.T 7AD | S-1 To 7AF | P.O.T 7AF To S-2 | P.O.T 7AD To S2 |
|---|---|---|---|---|
| 1 - 25-04-50 | 1 - 40-23-20 | 1 - 14-16-00 | 1 - 66-16-50 | 1 - 50-58-10 |
| 4 - 100-19-00 | 4 - 161-33-20 | 4 - 57-04-20 | 4 - 265-07-20 | 4 - 203-52-40 |
| 6 - 150-28-30 | 6 - 242-20-00 | 6 - 85-36-30 | 6 - 37-40-30 | 6 - 305-49-00 |
| 25-04-45 | 40-23-20 | 14-16-05 | 66-16-45 | 50-58-10 |

| S-3 To S2 |
|---|
| 1 - 31-58-20 |
| 4 - 127-53-20 |
| 6 - 191-50-00 |
| 31-58-20 |

## TRANSIT AT S-2

| LA HABRA F2 To 7AF | F2 To S1 | F2 To 7AD | P.O.T. 7AD To S3 |
|---|---|---|---|
| 1 - 50-27-40 | 1 - 57-00-25 | 1 - 63-02-00 | 1 - 47-32-40 |
| 4 - 201-50-40 | 4 - 228-01-30 | 4 - 252-09-20 | 4 - 190-10-20 |
| 6 - 302-46-40 | 6 - 342-02-30 | 6 - 18-14-00 | 6 - 285-15-00 |
| 50-27-46 2/3 | 57-00-25 | 63-02-20 | 47-32-30 |

## TRANSIT AT S3

| 7AF To S2 | 7AD To S2 | LA HABRA F2 To S2 |
|---|---|---|
| 1 - 67-56-40 | 1 - 64-40-40 | 1 - 37-26-40 |
| 4 - 271-47-20 | 4 - 258-43-00 | 4 - 149-47-00 |
| 6 - 47-41-00 | 6 - 28-04-30 | 6 - 224-40-30 |
| 67-56-50 | 64-40-45 | 37-26-45 |

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F.B. 2234 PG. 36




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| Map No. | W. O. P075.54 Tape No. St'd. °F |
| Office Work | Surveyed by Snyder |
| Checked | Notes P.R.S. Date 6-15-56 |
| Date | Indexed C. Johnson |

F. B. 2234 Pg. 37

# HORIZ. CONTROL FOR Pg. 6

## TRANSIT AT S3

| S2 To S5 | S2 To S6 | S6 To S4 |
|---|---|---|
| 1 - 47-52-40 | 1 - 44-20-30 | 1 - 39-15-20 |
| 4 - 191-31-00 | 4 - 177-21-45 | 4 - 157-02-00 |
| 6 - 287-16-10 | 6 - 266-06-45 | 6 - 235-33-20 |
| 47-52-42 | 44-20-37½ | 39-15-33 |

## TRANSIT AT S2

| S3 To S4 | S4 To S6 | S4 To S5 | S6 To S5 |
|---|---|---|---|
| 1 - 43-10-20 | 1 - 26-23-40 | 1 - 65-17-00 | 1 - 38-53-40 |
| 4 - 172-42-00 | 4 - 165-33-40 | 4 - 261-08-20 | 4 - 155-34-40 |
| 6 - 259-03-00 | 6 - 158-20-20 | 6 - 31-42-30 | 6 - 233-22-20 |
| 43-10-35 | 26-23-23 | 65-17-05 | 38-53-43 |

## TRANSIT AT S6

| S5 To S2 | S2 To S3 | S3 To S4 | (P.O.T. on ℄) P.I."A" 3/4" I.P. To S5 | P.I."A" 3/4" I.P. To S4 |
|---|---|---|---|---|
| 1 - 120-08-20 | 1 - 66-05-30 | 1 - 56-04-40 | 1 26° 19' 00" | 1 91° 22' 30" |
| 4 - 120-33-20 | 4 - 264-22-00 | 4 - 222-19-00 | 4 105° 16' 00" | 4 5° 29' 30" |
| 6 - 360-56-00 | 6 - 36-33-00 | 6 - 336-23-30 | 6 157 53 45 | 6 188° 14' 30" |
| 120-08-20 | 66-05-30 | 56-04-45 | 26° 18' 57½" | 91° 22' 23" |

## Transit at "S4"

| "S5" to "S6" | "S6" to "S2" | "S2" to "S3" | S5 to S4A | S4A to S-6 |
|---|---|---|---|---|
| 1 42° 59' 00" | 1 31° 26' 30" | 1 53° 13' 00" | 1 66° 17' 30" | 1 109° 16' 30" |
| 4 171° 55' 30" | 4 125° 46' 00" | 4 212° 53' 00" | 4 265° 10' 00" | 4 77° 05' 20" |
| 6 257° 53' 30" | 6 188° 39' 00" | 6 319° 19' 45" | 6 37° 45' 00" | 6 295° 38' 50" |
| 42° 58' 55" | 31° 26' 30" | 53° 13' 17½" | 66° 17' 30" | 109° 16' 20" |

## Transit at S-6 (continued)

| P.I. "A" to S-4A | S-4A to S-4 | S-4A to S-5 | S-4 to S-5 |
|---|---|---|---|
| 1 49° 04' 00" | 1 42° 18' 30" | 1 75° 23' 00" | 1 117° 41' 30" |
| 4 196° 16' 00" | 4 169° 13' 30" | 4 301° 32' 00" | 4 110° 45' 15" |
| 6 294° 24' 00" | 6 253° 58' 15" | 6 72° 17' 45" | 6 346° 07' 40" |
| 49° 04' 00" | 42° 18' 22½" | 75° 22' 57½ | 117° 41' 16⅔ |

## SET UP AT LA HABRA G-4

LA HABRA "F-2" To P.O.T. "7AF"

1 9°-45-30
4 39-02-00
6 58-33-00
9°-45'-30

## SET UP AT P.O.T. "7AF"

| LA HABRA "F-2" To LA HABRA G-4 | P.O.S.T. "7A1" To LA HABRA G-4 |
|---|---|
| 1 145-09-30 | 1 71-54-00 |
| 4 220-39-10 | 4 287-34-30 |
| 6 150-59-00 | 6 71-22-00 |
| 145-09-50 | 71-53-40 |

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76F3008 S&E #247. 8-54

F.B. 2234 PG. 38

# VERTICLE CONTROL

| INST. AT | ⊼ Above Ground | H.I. | Sight On | Vert. | ∡ | Rod | Elev. | For P.9, 6 |
|---|---|---|---|---|---|---|---|---|
| S 3 | 5.1 | | | | | | | 5.3 3/4" I.P. |
| | | | S 6 | 1)-5-00-20<br>2)-5-00-40 | | 6.5 | | S-6 P.O.T. 1X2<br>El. = |
| | | | S.5 | 1)-1-24-20<br>2)-1-24-40 | | 9' | | 3/4" I.P. |
| | | | S.4 | 1)-2-53-20<br>2)-2-53-40 | | 9' | | 3/4" I.P. |
| S 2 | 5.1 | | | | | | | 3/4" I.P. S2 |
| | | | S 3 | 1)+2-01-20<br>2)+2-01-00 | | 9' | | 3/4" I.P. |
| | | | S 4 | 1)-0-27-00<br>4)-0-27-00 | | 9' | | 3/4" I.P. |
| | | | S 5 | 1)-0-45-40<br>2)-0-46-00 | | 9' | | 3/4" I.P. |
| | | | S-6 | 1)-4-13-40<br>2)-4-14-00 | | 6.2' | | P.O.T. 1X2<br>F.B. 691-242 1/2 |
| S6 | 4.9 | 585.6 | | | | | 580.73 | P.O.T. 1X2<br>El. = 580.73 F.B. 691-242 |
| | | | S5 | 1)+1-22-00<br>2)+1-22-00 | | 9' | | 3/4" I.P. |
| | | | S2 | 1)+4-22-00<br>2)+4-22-20 | | 9' | | 3/4" I.P. |
| | | | S3 | 1+5-06-00<br>2+5-07-40 | | 9' | | 3/4" I.P. |
| | | | S4 | 1+4-08-20<br>2+4-08-00 | | 9' | | 3/4" I.P. |
| | 5.1 | | S-4A | 1. +6° 38' 00"<br>2. +6° 38' 00" | | 10' | | 3/4" I.P. |
| S-4 | 5.2 | | | | | | | 3/4" IP & Cap |
| | | | S-2 | 1.+0° 37' 00"<br>2.+0° 37' 00" | | 10' | | " |
| | | | S-6 | 1.-3° 50' 45"<br>2.-3° 50' 45" | | 10' | | 1X2" & N.I. |
| | | | S-5 | 1.-0° 25' 30"<br>2.-0° 25' 30" | | 10' | | 3/4" I.P. & Cap |
| | | | S-3 | 1.+3° 07' 30"<br>2.+3° 07' 30" | | 10' | | " |
| | | | S-4 A | 1.+6° 27' 00"<br>2 +6° 27' 00" | | 10' | | " |
| INST. AT LA HABRA G-4 | H.I. 4.98 | | L.H. F-2 | 1.-5-02-30<br>2.-5-02-00 | | 10' | | BRASS CAP. |

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|---|---|
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| Map No. | W. O. 0075.04 Tape No. St'd. °F |
| Office Work | Surveyed by A.N. HELLSTROM |
| Checked | Notes A.N.H. Date 12-19-56 |
| Date | Indexed E. C. Johnson 1-17-57 |

F. B. 2231 Pg. 39

J.N. "0075.04

LUITWIELER ROAD

AERIAL CONTROL POINT "4 - A.C.P."4

SEE F.B. 691-146

A.N. HELLSTROM
J.M. MALDONADO
G.L. MATTNIESEN
C.W. ADAMS
M.V. DURAN

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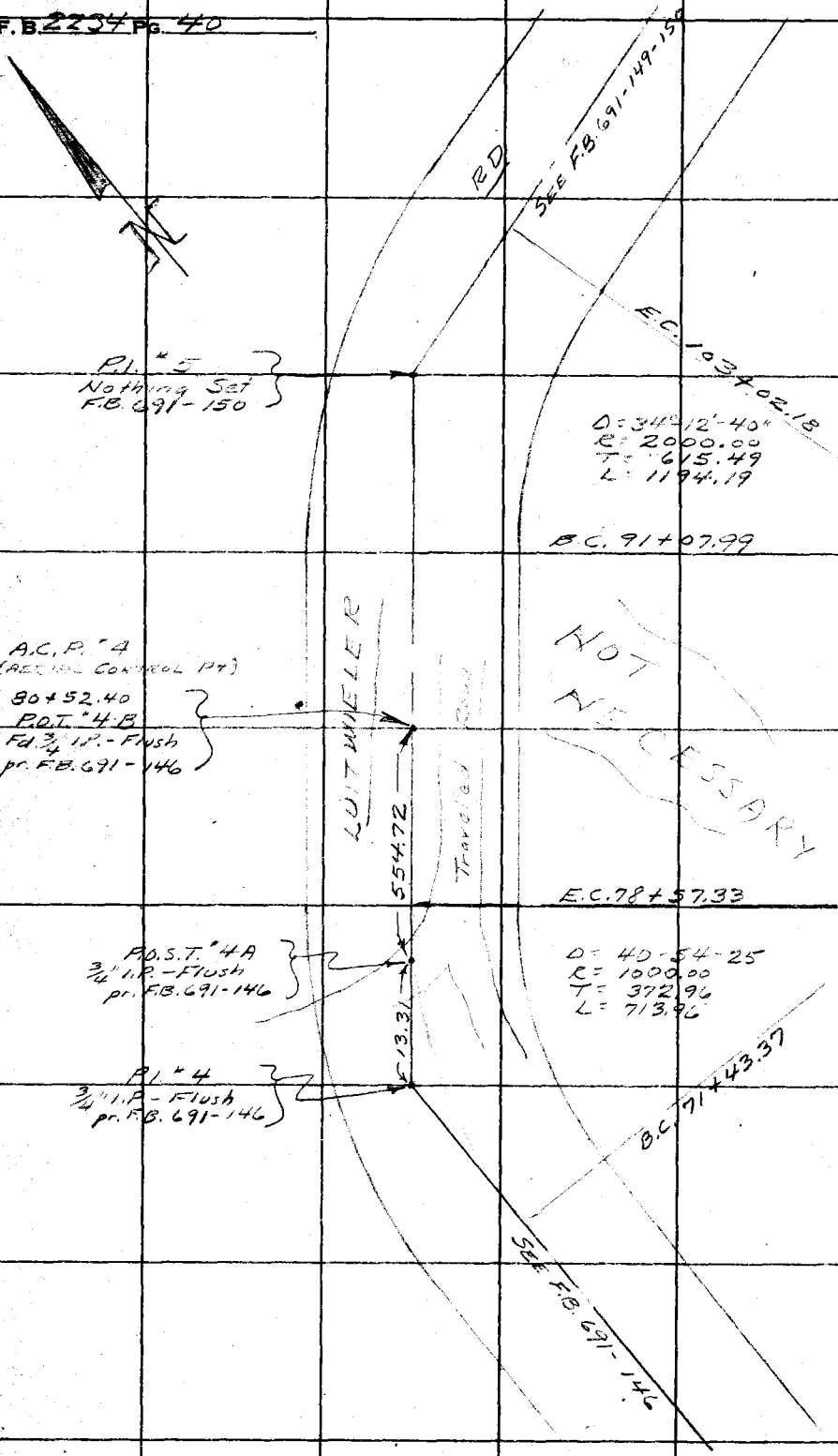
F.B. 2234 PG. 40

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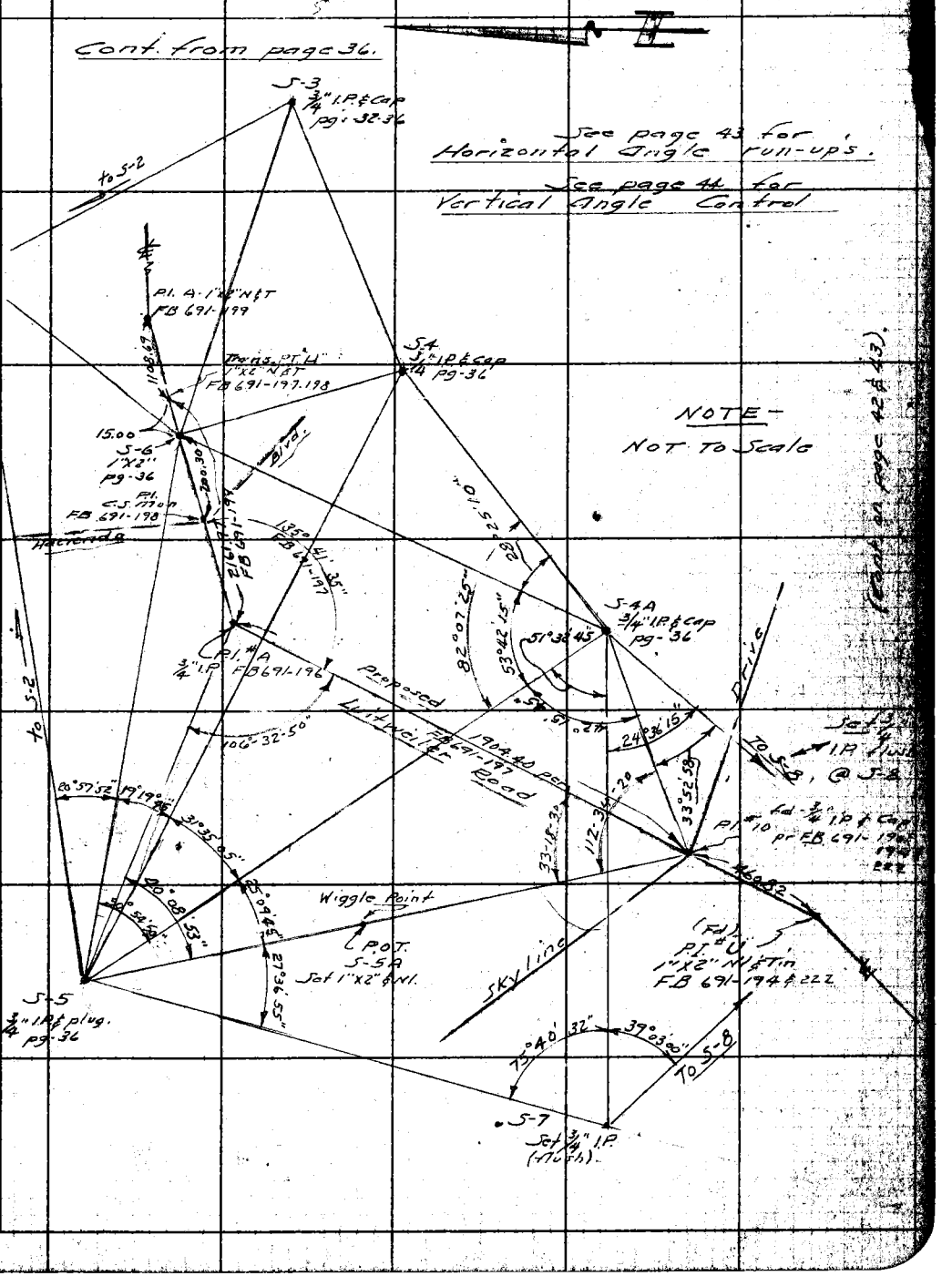
| Checked | Notes Curtis Date Jan 9. 57 |
| Date | Indexed A. C. Johnson |

F. B. 2234 Pg. 41

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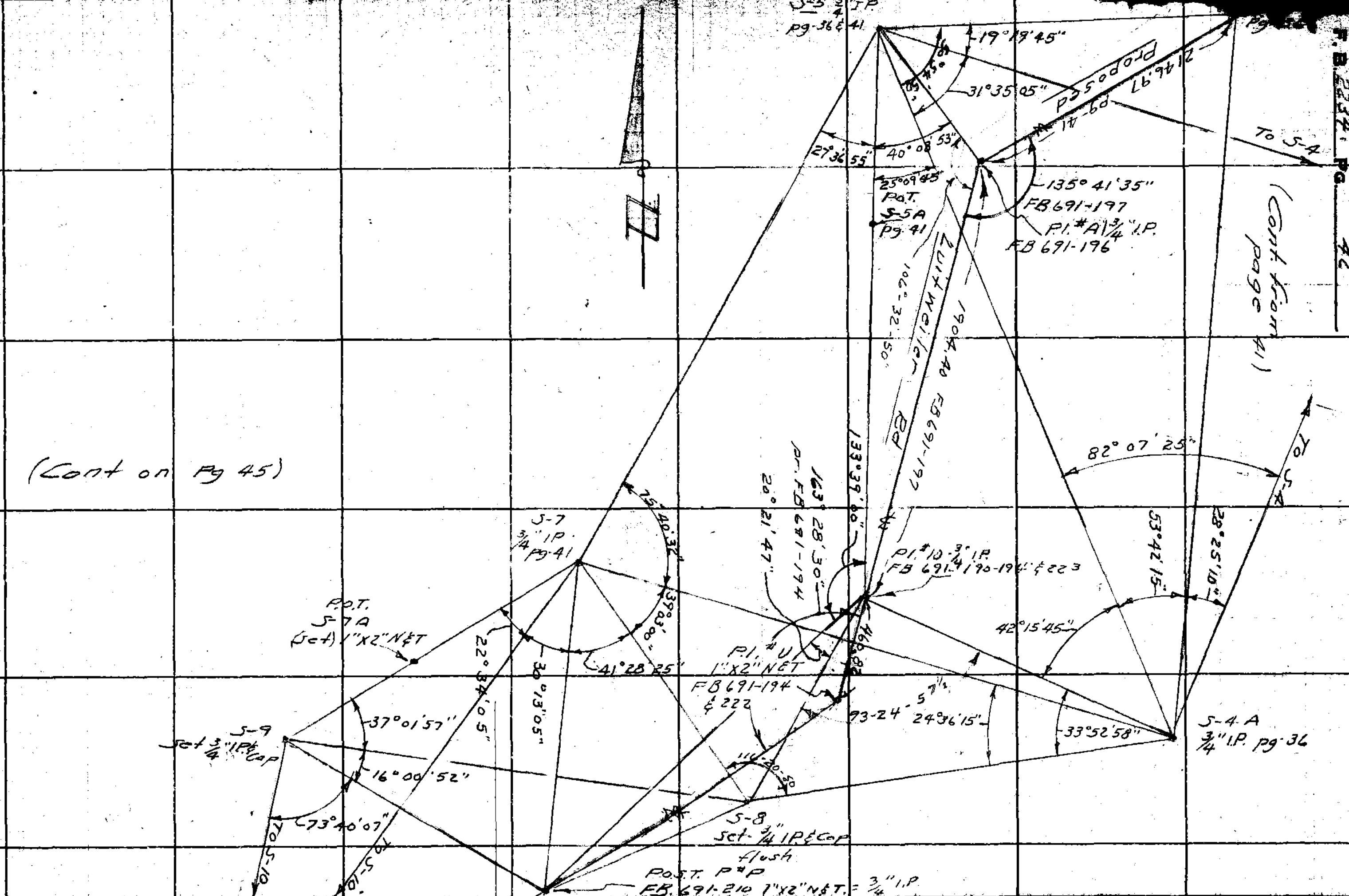
(Cont. from page 41)

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| Date | Indexed J. C. Johnson |

F.B. 2234 Pg. 41

Horizontal Angle Control.

## TRANSIT SET AT S-5

(See page 41 & 42)

S-2 to S-6
1, 20° 58' 00"
4. 83° 51' 45"
6. 125° 47' 15"
20° 57' 52½" ✓

S-6 to S-4
1, 19° 19' 45"
4. 77° 19' 30"
6. 115 59' 00"
19° 19' 45" ✓

S-4 to S-4A
1. 31° 35' 15"
4. 126° 20' 00"
6. 189° 30' 30"
31° 35' 05" ✓

S-4A to S-5A
1, 25° 09' 45"
4. 100° 39' 00"
6. 150° 58' 30"
25° 09' 45"

S-5A to S-7
1, 27° 37' 00"
4. 110° 27' 45"
6. 165° 41' 30"
27° 36' 55" ✓

P.I. #A to S-5A.
1. 40° 09' 00"
4. 160° 35' 45"
6. 240° 53' 15"
40° 08' 52½" ✓

## TRANSIT SET AT S-4A

P.I. #10 to S-5
1, 42° 15' 45"
4. 169° 03' 00"
6. 253° 34' 30
42° 15' 45" ✓

S-5 to S-6
1, 53° 42' 00"
4. 214° 49' 00"
6. 322° 13' 30"
53° 42' 15"

S-6 to S-4
1, 28° 25' 00"
4. 113° 46' 30"
6. 170° 31' 00"
28° 25' 10"

S-7 to S-8
1, 24° 36' 00"
4. 98° 25' 00"
6. 147° 37' 30"
24° 36' 15"

S-5 to S-7
1, 51° 33' 00"
4. 206° 11' 00"
6. 309° 16' 30"
51° 32' 45"

P.I. #10 to S-8
1, 33° 53' 00"
4. 135° 32' 00"
6. 203° 17' 45"
33° 52' 57½"

Transit @ S-5
S-6 to S-4A
1, 50° 55' 00"
4. 203° 39' 30"
6. 305° 29' 00
50° 54' 50" ✓

Transit @ S-4A
S-4 to S-5
1. 82° 07' 30"
4. 328° 30' 00"
6. 132° 44' 30"
82° 07' 25" ✓

TRANSIT @ P.I. #A
P.I. #10 to S-5
1. 106-33-00
4. 66-11-30
6. 279-17-00
106-32-50 ✓

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F.B. 2234 Pg. 44

# VERTICAL CONTROL FOR PAGE 41

| Instr. at | ⊼ above Ground | H.I. | Sight on | Vertical Angle | Rod or Height of Sight | Elev. | |
|---|---|---|---|---|---|---|---|
| S-5 | | 5.15 | | | | | |
| | | | S-2 | 1. +0°51'00"<br>2. +0°51'00" | 10' | | 3/4" I.P. page 32 |
| | | | S-6 | 1. -1°15'20"<br>2. -1°15'20" | 10' | | 1"X2" page 36 |
| | | | S-4 | 1. +0°32'00"<br>2. +0°32'00" | 10' | | 3/4" I.P. page 36 |
| | | | S-4A | 1. +4°12'30"<br>2. +4°12'30" | 10' | | 3/4" I.P. pg's 36 & 41 |
| | | | S-5A | 1. +4°00'00"<br>2. +4°00'00" | 6' | | 1"X2" N&T pg. 41 |
| | | | | | | | |
| | | | S-7 | 1. +5°10'30"<br>2. +5°10'30" | 10' | | 3/4" I.P. pg- |
| | | | P.I.#A | 1. -2°16'45"<br>2. -2°16'45" | 10' | 596.16<br>FB 691<br>pg. 237 | 3/4" I.P. FB 691-237 & 196<br>FB 2234-41 |
| S-5A | | 5.15 | | | | | |
| | | | P.I.#10 | 1. +1°42'00"<br>2. +1°42'00" | 6' | | 3/4" I.P. pg-41 & FB 691-190 & 194 |
| | | | S-5 | 1. -3°42'00"<br>2. -3°42'00" | 10' | | 3/4" I.P. pg-36 |
| P.I.#10 | | 5.05 | | | | 781.30 | 3/4 I.P. FB 691-223 |
| | | | S-5A | 1. -1°40'15"<br>2. -1°40'15" | 6' | | 1"X2" N&T pg. 41 |
| | | | S-8 | 1. +7°32'00"<br>2. +7°32'00" | 10' | | 3/4" I.P. pg-42 |
| | | | POST #P | 1. +2°12'30"<br>2. +2°12'30" | 10' | 859.62<br>(pg-221) | 1"X2" FB 691-210 & 221 |
| S-4A | | 4.85 | | | | | |
| | | | S-4 | 1. -6°12'30"<br>2. -6°12'30" | 10' | | 3/4" I.P. pg-36 |
| | | | S-6 | 1. -6°26'00"<br>2. -6°26'00" | 10' | | 1"X2" pg-36 |
| | | | S-5 | 1. -4°04'15"<br>2. -4°04'15" | 10' | | 3/4" I.P. pg. 36 |
| | | | P.I.#10 | 1. -4°49'00"<br>2. -4°49'00" | 10' | 781.30 | 3/4" I.P. pg-41 |
| | | | S-7 | 1. +0°03'00"<br>2. +0°03'00" | 10' | | 3/4" I.P. pg-41 |
| | | | S-8 | 1. +0°16'15"<br>2. +0°16'15" | 10' | | 3/4" I.P. pg-41 |

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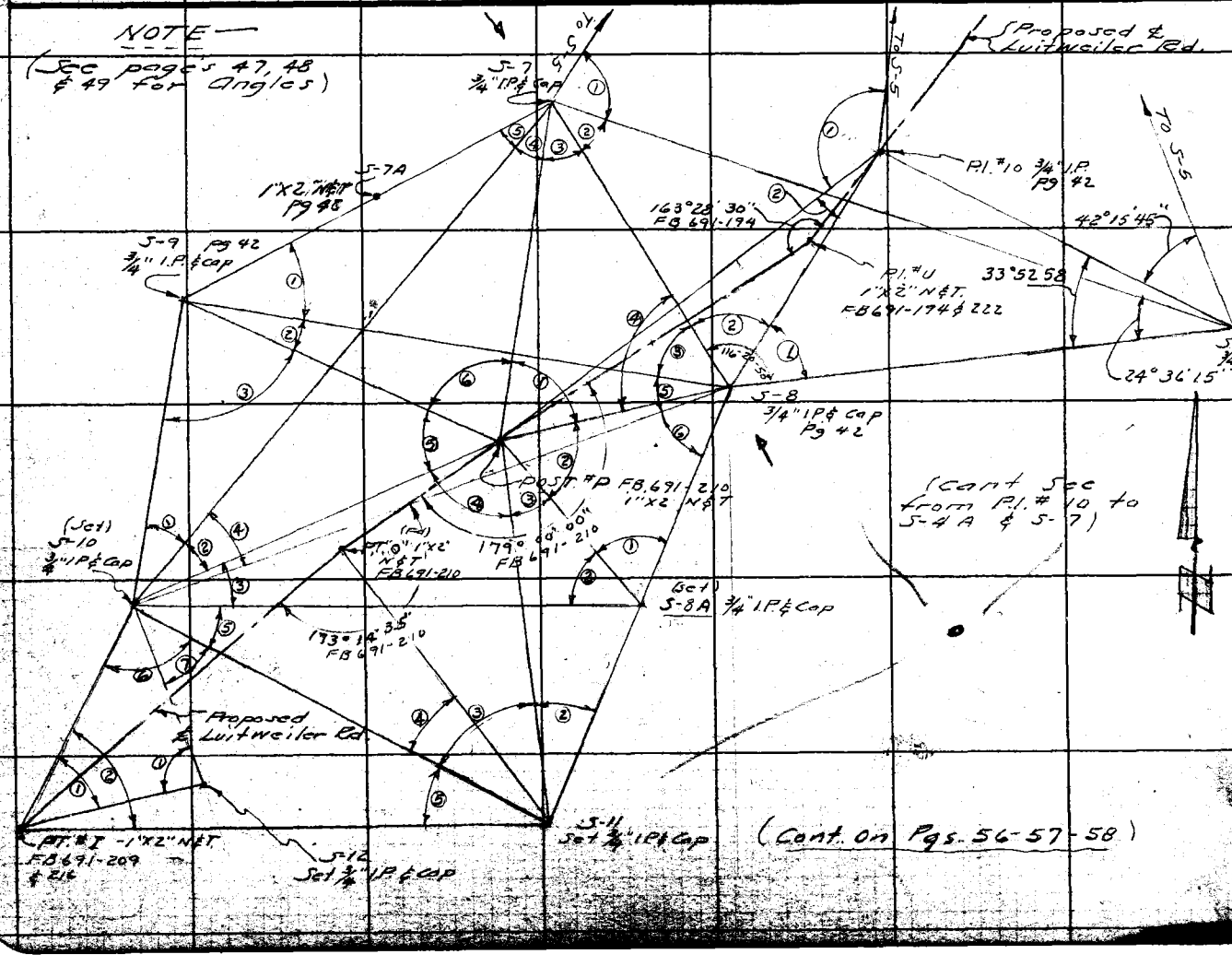


Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Luitweiler Road
W. O. 0075.04 Tape No. St'd. of
Surveyed by G. S. Curtis
Notes Curtis Date Jan-57
Indexed C. Johnson 5-11-57

(Cont from pg 41)

F.B. 2234 Pg 41

| | |
|---|---|
| Notes Ck'd by | Survey of Luitweiler Road |
| Map No. | W. O. 0075.04 Tape No. St'd. °F |
| Office Work | Surveyed by A.S. Curtis |
| Checked | Notes Curtis Date Jan 1957 |
| Date | Indexed E. C. Johnson |

F.B. 2234 PG. 42

# Horizontal Angle Control

(See page 45)

## Set up at P.I. #10

Set Up At P.I. #10

S-4A to S-8
1. 93-25-00
4. 13-40-00
6. 200-29-45
93-24-57½

| P.O.S.T. #P to S-5A | ② S-8 to P.O.S.T. #P | S-5A To P.I. #A | S-5A to S-4A |
|---|---|---|---|
| ① | | | |
| 1. 133°39'00" | 1. 20° 21' 45" | 1. 146-41-30 | 1. 112-34-30 |
| 4. 174°36'00" | 4. 81° 27' 00" | 4. 226-46-00 | 4. 90-17-30 |
| 6. 81° 54' 00" | 6. 122° 10' 45" | 6. 160-09-00 | 6. 315-26-00 |
| 133°39'00 ✓ | 20° 21' 47½" | 146-41-30 | 112-34-20 |
| | | 33-18-30 | |

## Set up on S-7

| ① S-5 to S-4A | ② S-4A to S-8 | ③ S-8 to P.O.S.T. #P | ④ P.O.S.T. #P to S-10 |
|---|---|---|---|
| 1. 75°40'45" | 1. 39°03'00" | 1. 41°28'30" | 1. 30°13'15" |
| 4. 302°42'00" | 4. 156°12'00" | 4. 165°53'20" | 4. 120°52'15" |
| 6. 94°03'15" | 6. 234°18'00" | 6. 248°50'30" | 6. 181°18'30" |
| 75°40'32½" | 39°03'00" | 41°28'25" | 30°13'05" ✓ |

| ⑤ S-10 to S-7A & S-9 | S-8 to S-9 |
|---|---|
| 1. 22°34'00" | 1. 94-16-00 |
| 4. 90°16'15" | 4. 17-04-00 |
| 6. 135°24'30" | 6. 205-36-15 |
| 22°34'05" | 94-16-02½ |

S-7 to S-8
1. 37-02-15
4. 148-08-15
6. 222-12-30
37-02-05

## Set up at S-9

| ① S-7 & S-7A to S-8 | ② S-8 to P.O.S.T. #P | ③ P.O.S.T. #P to S-10 | S-7 To P.O.S.T. #P |
|---|---|---|---|
| 1. 37°02'00" | 1. 16°00'45" | 1. 73°40'15" | 1. 53-03-00 |
| 4. 144°47'45" | 4. 64°03'45" | 4. 294°40'30" | 4. 212-12-00 |
| 6. 222°11'45" | 6. 96°05'15" | 6. 82°00'45" | 6. 318-18-00 |
| 37°01'57½" | 16°00'52½" | 73°40'07½" | 53-03-00 |

## Set up at S-11

| ① S-8 to S-7 | ② S-8 to P.O.S.T. #P | ③ P.O.S.T. #P to S-10 | ④ Pt. "O" to S-10 |
|---|---|---|---|
| 1. 21°34'00" | 1. 29°35'45" | 1. 53°09'30" | 1. 25°01'15" |
| 4. 86°16'00" | 4. 118°23'00" | 4. 212°38'15" | 4. 100°05'00" |
| 6. 129°24'00" | 6. 177°34'30" | 6. 318°57'30" | 6. 150°07'45" |
| 21°34'00" | 29°35'45" | 53°09'35" | 25°01'17½" |

| ⑤ S-10 to Pt. "I" | ⑥ Pt. "O" to Pt. "M" | S-10 To S-8 |
|---|---|---|
| 1. 28°51'00" | 1. 27°18'00" | 1. 82-45-00 |
| 4. 115°24'00" | 4. 109°12'00" | 4. 331-01-00 |
| 6. 173°06'15" | 6. 163°48'15" | 6. 136-31-15 |
| 28°51'02½" | 27°18'02½" | 82-45-12½ |

## Set up at S-11

| ② S-8 to P.O.S.T. #P | ③ P.O.S.T. #P to S-10 | ④ Pt. "O" to S-10 | ⑤ S-10 to Pt. "I" |
|---|---|---|---|
| 1. 29°35'45" | 1. 53°09'30" | 1. 25°01'15" | 1. 28°51'00" |
| 4. 118°23'00" | 4. 212°38'15" | 4. 100°05'00" | 4. 115°24'00" |
| 6. 177°34'30" | 6. 318°57'30" | 6. 150°07'45" | 6. 173°06'15" |
| 29°35'45" | 53°09'35" | 25°01'17½" | 28°51'02½" |

| P.O.S.T. #P To S-12 | S-10 To S-17 |
|---|---|
| 1. 74-54-00 | 1. 72-56-30 |
| 4. 299-35-30 | 4. 291-44-45 |
| 6. 89-23-15 | 6. 77-37-15 |
| 74-53-52½ | 72-56-12½ |

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F.B. 2234 PG. 48

# Horizontal Angle Control for Page 45

## Set up at S-8

| ① S-4A to Pt. 10 | ② Pt. #10 to S-7 | ③ S-7 to S-9 | S-7 to S-4A |
|---|---|---|---|
| 1. 52° 42' 30" | 1. 63° 39' 00" | 1. 48° 42' 00" | 1. 116° 21' 00" |
| 4. 210° 49' 30" | 4. 254° 35' 30" | 4. 194 48 00 | 4. 105° 23' 30 |
| 6. 316° 14' 15" | 6. 21° 53' 15" | 6. 292° 12' 00" | 6. 338° 05' 00 |
| 52° 42' 22½" | 63° 38' 52½" | 48° 42' 00" | 116-20-50 |

| ④ S-7 to POST #P | ⑤ S-9 to S-10 | ⑥ S-10 to S-11 |
|---|---|---|
| 1. 71° 57' 00" | 1. 29° 36' 15" | 1. 47° 51' 15" |
| 4. 287° 47' 30" | 4. 118° 25' 00" | 4. 71° 25' 00" |
| 6. 71° 41' 15" | 6. 177° 37' 15" | 6. 287° 07' 15" |
| 71° 56' 52½" | 29° 36' 12½" | 47° 51' 12½" |

## Set up at S-8A

| ① S-8 to POST #P | ② POST #P to S-10 | S-10 To S-11 |
|---|---|---|
| 1. 64° 45' 45" | 1. 47° 29' 00" | 1. 67-45-30 |
| 4. 259° 03' 00" | 4. 189° 56' 15" | 4. 271-00-30 |
| 6. 28° 34' 30" | 6. 284° 54' 15" | 6. 46-30-30 |
| 64° 45' 45" | 47° 29' 02½" | 67-45-05 |

## Set up at S-12

| ① Pt. #I to S-10 |
|---|
| 1. 84° 37' 30" |
| 4. 339° 29' 00" |
| 6. 147° 48' 30" |
| 24° 37' 15" |

## Set up at S-10

| ① S-9 to S-7 | ② S-7 to POST #P | ③ POST #P to S8A | ④ S-7 to S-8 |
|---|---|---|---|
| 1. 30° 42' 15" | 1. 26° 08' 30" | 1. 23° 46' 00" | 1. 30° 00' 30" |
| 4. 122° 49' 00" | 4. 104 33 30 | 4. 95° 03' 45" | 4. 120° 01' 45" |
| 6. 184° 13' 30" | 6. 156 50 15 | 6. 142 35' 45" | 6. 180° 02' 30" |
| 30° 42' 15" | 26° 08' 22½" | 23° 45' 57½" | 30° 00' 25" |

| ⑤ S-8A to S-11 | ⑥ S-11 to Pt #I. | ⑦ S-11 to S-12 | |
|---|---|---|---|
| 1. 29° 30' 00" | 1. 84° 51' 30" | 1. 41° 24' 30" | |
| 4. 117° 59' 45" | 4. 339° 29' 00" | 4. 165° 38' 30" | Void |
| 6. 176° 59' 30" | 6. 149° 08' 45" | 6. 248° 27' 30" | |
| 29° 29' 55" | 84° 51' 27½" | 41° 24' 35" | Return |

| S-8 To S 11 | S-9 To S-13 | S-11 To S-12 |
|---|---|---|
| 1. 49-24-00 | 1. 116-48-00 | 1. 41-15-00 |
| 4. 197-34-30 | 4. 107-13-00 | 4. 165-00-15 |
| 6. 296-21-30 | 6. 340-49-00 | 6. 247-30-15 |
| 49-23-35 | 116-48-15 | 41-15-02½ |

| S-11 To S-17 | POST #P To S-18 |
|---|---|
| 1. 45-50-30 | 1. 124-31-15 |
| 4. 183-21-30 | 4. 138-04-45 |
| 6. 275-02-00 | 6. 27-06-45 |
| 45-50-20 | 124-31-07½ |

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| Office Work | Surveyed by A.J. Curtis |
| Checked | Notes Curtis Date Jan 1957 |
| Date | Indexed E. C. Johnson |

F.B. 2234 Pg. 49

## Horizontal Control

for Angle's on page 45.

S-11 To Pt. "O"
1. 62-14-30
4. 248-59-00
6. 13-29-00
62-14-50

### Set up at P.O.S.T. # P.

| S-7 to S-8 | S-8 to S-8A | S-8A to S-11 | S 11 To S-12 |
|---|---|---|---|
| 1. 66° 34' 45" | 1. 61° 02' 00" | 1. 35° 10' 00" | 1. 48-02-00 |
| 4. 266° 19' 15" | 4. 244° 08' 00" | 4. 140° 40' 00" | 4. 192-07-30 |
| 6. 39° 29' 15" | 6. 6° 12' 15" | 6. 210° 59' 45" | 6. 288-11-00 |
| 66° 34' 52½" | 61° 02' 02½" | 35° 09' 57½" | 48-01-50 |

| S-11 to S-10 | S-10 to S-9 | S-9 to S-7 | S-10 To S-18 |
|---|---|---|---|
| 1. 73° 34' 45" | 1. 49° 29' 15" | 1. 74° 09' 15" | 1. 32-32-30 |
| 4. 294° 19' 00" | 4. 197° 57' 15" | 4. 296° 37' 15" | 4. 130-10-30 |
| 6. 81° 28' 30" | 6. 296° 56' 00" | 6. 84° 56' 15" | 6. 195-15-45 |
| 73° 34' 45" | 49° 29' 20" | 74° 09' 22½" | 32-32-37½ |

### Set up at pt # I.

S-11 To ℄ pt "M"
1. 42-30-00
4. 169-59-45
6. 254-59-30
42-29-55

### SET UP AT S-12

| S-10 To S-11 | P.O.S.T. "P To S-11 |
|---|---|
| 1. 117-00-30 | 1. 57-04-15 |
| 4. 108-02-15 | 4. 228-16-30 |
| 6. 342-03-30 | 6. 342-24-30 |
| 117-00-35 | 57-04-05 |

### SET UP AT Pt "O"

| S-11 To P.O.S.T. "P | S-11 To Pt "I" |
|---|---|
| | Compl. Angle |
| 1. 89-37-30 | 1. 96-22-15 |
| 4. 358-28-30 | 4. 25-39-45 |
| 6. 177-42-30 | 6. 218-14-45 |
| 89-37-05 | 96-22-27½ Compliment |
| | Use (83-37-32½) Angle |

### SET UP AT Pt. "M"

S-11 To Pt. "I"
1. 110-56-00
4. 83-43-30
6. 305-35-15
110-55-52½

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| Map No. | W. O. 0075.04 Tape No. St'd. °F |
| Office Work | Surveyed by A.S. Curtis |
| Checked | Notes Curtis Date Jan-1957 |
| Date | Indexed A. C. Johnson |

F. B. 2234 Pg. 51

## Vertical Control for Page 45

| Instr. at | ⊼ above Ground H.I. | Sight on | Vertical Angle | Rod or Height of Sight | Elev. | Location |
|---|---|---|---|---|---|---|
| S-7 | 4.95 | | | | | 3/4" IP & Cap pg-41 |
| | | S-5 | 1. -5° 00' 15"<br>2. -5° 00' 15" | 10' | | 3/4" I.P. & Cap pr. pg-36, 41 & 42 |
| | | S-4A | 1. +0° 07' 00<br>2. +0° 07' 00" | 10' | | 3/4" I.P. & Cap pr. pg. 36, 41 & 42 |
| | | S-8 | 1. +0° 29' 00"<br>2. +0° 29' 00" | 10' | | 3/4" I.P. & Cap pr. pg. 42. |
| | | POST #P | 1. -2° 38' 00"<br>2. -2° 38' 00" | 10' | 859.62 FB 691-221 | 1"X2" N&T - FB691-210 & FB2234-42 & 45 |
| | | S-10 | 1. -1° 29' 00"<br>2. -1° 29' 00" | 10' | | 3/4" I.P. & Cap per page 45 |
| | | S-7A | 1. -1° 33' 00"<br>2. -1° 33' 00" | 6' | | 1"X2" N&T per pg's 42 & 45 |
| S-7A | 4.70 | | | | | 1"X2" N&T - pg-42 |
| | | S-9 | 1. -5° 06' 30"<br>2. -5° 06' 30" | 10' | | 3/4" IP & Cap pg-42 & 45 |
| | | S-7 | 1. +2° 08' 45"<br>2. +2° 08' 45" | 10' | | 3/4" I.P. & Cap pg's 41-42 & 45 |
| S-9 | 4.92 | | | | | 3/4" I.P. & Cap pg-42 |
| | | S-7A | 1. +5° 23' 30"<br>2. +5° 23' 30" | 6' | | 1"X2" N&T pg-42 & 45 |
| | | S-8 | 1. +3° 26' 30"<br>2. +3° 26' 30" | 10' | | 3/4" IP & Cap per pg. 42. |
| | | POST #P | 1. +2° 26' 30"<br>2. +2° 26' 30" | 10' | 859.62 | 1"X2" N&T FB.691-210 - FB2234-42 & 45. |
| | | S-10 | 1. +2° 29' 15"<br>2. +2° 29' 15" | 10' | | 3/4" I.P. & Cap per pg-45. |
| P.I. #U | 5.05 | | | | 736.34 | 1"X2" N&T FB.691-194 & 222 & FB 2234 - pg-45 |
| | | S-8 | 1. +14° 47' 45"<br>2. +14° 47' 45" | 10' | | 3/4" I.P. & Cap per pg 42. |
| | | S-10 | 1. +1° 24' 00"<br>2. +1° 24' 00" | 10' | | 3/4" I.P. & Cap per pg 45 |
| P.I. #A | 5.40 | | | | | 3/4" I.P. pl. 8 tck pr. F.B 691-196 |
| | | S-5 | 1. +2° -35' 00"<br>2. +2° 35' 30" | 10' | | 3/4" I.P. & Cap. pr. pg. 36-41-42 |

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76F3098 247 4-53

F.B. 2234 Pg. 52

# Vertical Control for Pg. 45

| Instr. at - | ℄ above Ground | H.I. | Sight on | | Vertical Angle | Rod-orthe height of sight | Elev. | Location |
|---|---|---|---|---|---|---|---|---|
| S-11 | 5.00 | | S-12 | 1. 2. | - 3°-47'-00" - 3°-46'-30" | 10' | | pr. pgs. 45-58 |
| | | | S-8 | 1. 2. | +4°36'15" +4°36'15" | 10' | | 3/4" I.P. & Cap per page 42 & 45 |
| | | | S-8A | 1. 2. | - 2° 55' 30" - 2° 55' 30" | 10' | | 3/4" I.P. & Cap per page 45 |
| | | | POST. #P | 1. 2. | +2° 57' 15" +2° 57' 15" | 10' | 859.62 FB691-221 | 1"x2" N&T FB691-210 FB.2234-42 & 45 |
| | | | S-10 | 1. 2. | + 2° 20' 00" + 2° 20' 00" | 10' | | 3/4" I.P. & Cap per pg-45 |
| | | | Pt "I" | 1. 2. | - 3° 03' 15 - 3° 03' 15 | 10' | 646.77 FB691-216 | 1"x2" N&T FB.691-209 FB.2234-45 |
| S-8 | 5.10 | | | | | | | |
| | | | S-4A | 1. 2. | 00° 00' 00" 00° 00' 00" | 10' | | 3/4" I.P. & Cap - pgs 36-45 also - 41, 42 & 45 |
| | | | Pt. #10 | 1. 2. | - 7° 32' 00" - 7° 32' 00" | 00' | 781.30 | FB 691-190, 194, 223 FB 2234-41, 42, 45 |
| | | | S-9 | 1. 2. | -3° 12' 00" -3° 12' 00" | 10' | | 3/4" I.P. & Cap pg-42 & 45 |
| | | | POST. #P | 1. 2. | -4° 09' 00" -4° 09' 00" | 10' | 859.62 | 1"x2" N&T FB691-210, 223 FB.2234-42 & 45 |
| | | | S-10 | 1. 2. | -1° 40' 00" -1° 40' 00" | 10' | | 3/4" I.P. & Cap - pg 45 |
| S-8A | 5.00 | | | | | | | See above |
| | | | S-10 | 1. 2. | +3° 45' 00" +3° 45' 00" | 10' | | See above |
| | | | POST. P | 1. 2. | +9° 03' 00" +9° 03' 00" | 10' | 859.62 | See above |
| | | | | | | | | |
| S-10 | 5.10 | | | | | | | 3/4" I.P. & Cap pg-45 |
| | | | S-9 | 1. 2. | -2° 04' 00" -2° 04' 00" | 10' | | 3/4" I.P. pgs 42 & 45 |
| | | | S-7 | 1. 2. | +1° 40' 00" +1° 40' 00" | 10' | | 3/4" I.P. pgs. 41, 42, 45 |
| | | | POST. #P | 1. 2. | +0° 19' 15" +0° 19' 15" | 10' | 859.62 | See above |
| | | | S-8 | 1. 2. | +1° 52' 30" +1° 52' 30" | 10' | | See above |
| | | | S-8A | 1. 2. | - 3° 30' 45" - 3° 30' 45" | 10' | | 3/4" I.P. pg-45 |
| | | | S-11 | 1. 2. | -2° 06' 00" -2° 06' 00" | 10' | | 3/4" I.P. & Cap page 45 |
| | | | S-12 | 1. 2. | -11-56-00 -11-55-30 | 10' | | 3/4" I.P. & Cap - pg. 45 |
| POST. #P | 5.05 | | | | | | 859.62 | See above |
| | | | S-8 | 1. 2. | +4° 40' 30" ? +4° 40' 30" ? | 10' | | See above |
| | | | S-8A | 1. 2. | -8° 27' 30" -8° 27' 30" | 10' | | See above |
| | | | S-11 | 1. 2. | -2° 39' 00" -2° 39' 00" | 10' | | See above |
| | | | | | | | | |
| S-12 | | | | | | | | 3/4" I.P. & Cap pg-45 |
| | | | Pt. #I | | | 10' | 646.77 | See above |
| | | | POST #P | | | 10' | 859.62 | See above |
| | 4.87 | | S-10 | 1. 2. | +12-31-00 +12-31-30 | 10' | | 3/4" I.P. |
| | 4.87 | | S-11 | 1. 2. | +4-09-00 +4-09-00 | 10' | | 3/4" I.P. |
| | 4.87 | | P.O.S.T. #P | 1 2 | +5-36-30 +5-36-30 | 10' | | 1x2 N&T |

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TRANSIT AT STATION S-10 F.B. _____ PG _____ H.I. + 5.15

| Sight on | -Rod | + Vertical - Angle | Horizontal Distance | + Vertical - Distance | + Curvature Correction | + Difference - Elevation | Adjusted Diff. Elev. |
|---|---|---|---|---|---|---|---|
| S-13 | 10' | (1) - 3-28-30<br>(2) - 3-28-00 | | (See pg. 57 for Horiz. Ang.) | | | |
| TRANSIT AT STA. "LA HABRA - D-4 - BRASS CAP MON. - H.I. + 4.85<br>COUNTY SURVEY CONTROL | | | | | | | |
| S-10 | 10' | (1) - 2°-03-30<br>(2) - 2-03-00 | | | | | |
| S-7 | 10' | (1) - 1°-40'-00<br>(2) - 1-39-30 | | | | | |
| Workman Hill | 10' | (1) + 1-34-30<br>(2) + 1-35-30 | | | | | |
| TRANSIT AT STA. - S-10 H.I. + 5.00 | | | | | | | |
| LA HABRA D-4 | 10' | (1) + 2°-07-30<br>(2) + 2-08-00 | | | | | |
| Workman Hill | 10' | (1) + 3-44-30<br>(2) + 3-45-00 | | | | | |
| TRANSIT AT STA. "WORKMAN HILL" - Brass Cap Mon - H.I. + 5.13 | | | | | | | |
| D-4 | 10' | (1) - 1°-34-00<br>(2) - 1°-33-00 | | | | | |
| S-10 | 10' | (1) - 3-42-00<br>(2) - 3-41-30 | | | | | |
| TRANSIT AT STA. S-7 - H.I. + 5.05 | | | | | | | |
| LA HABRA D-4 | 10' | (1) + 1°-46-30<br>(2) + 1°-47-00 | | | | | |

(See Pg. 56 for Horizontal Angles)

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

Survey of LUITWIELER RD.
W. O. 0075.04 Tape No. _____ St'd. _____ of
Surveyed by A.N. HELLSTROM
Notes A.N.H. Date 2-18-57
Indexed C. Johnson

F.B. 2234 PG. 53

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TRANSIT AT STATION S-9 F.B. _____ PG _____ H.I. +4.87

| Sight on | Rod | + Vertical - Angle | Horizontal Distance | + Vertical - Distance | + Curvature Correction | +Difference - Elevation | Adjusted Diff. Elev. |
|---|---|---|---|---|---|---|---|
| S-13 | 10' | (1) +0°-28-00<br>(2) +0-28-30 | | | | | |
| S-14 | 10' | (1) -7°-15-30<br>(2) -7°-16-00 | | | | | |
| S-15 | 10' | (1) -5°-41-30<br>(2) -5-41-00 | | | | | |
| S-16 | 10' | (1) -2°-20'-00"<br>(2) -2°-19'-30" | | | | | |
| | | TRANSIT AT STA. S-14 H.I. +4.95 | | | | | |
| S-9 | 10' | (1) +7-39-30<br>(2) +7-40-00 | | | | | |
| S-13 | 10' | (1) +10°-22-00<br>(2) +10-22-00 | | | | | |
| S-15 | 10' | (1) -3-09-00<br>(2) -3-08-30 | | | | | |
| S-16 | 10' | (1) +2-01-30<br>(2) +2-02-00 | | | | | |
| | | TRANSIT AT STA. "M" H.I. +5.04 | | | | | |
| S-11 | 10' | (1) +0-09-00<br>(2) +0-09-30 | | | | | |
| "M" | 10' | (1) -6-22-00<br>(2) -6-21-30 | | | | | |

(See Pg. 57 for Horiz. Angles)

F.B. 2271 Pg. 54

| | |
|---|---|
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| Map No. | W. O. 0075.09 Tape No. St'd. °F |
| Office Work | Surveyed by A.N. HELLSTROM |
| Checked | Notes A.N.H. Date 2-18-56 |
| Date | Indexed C. Johnson |

F. B. 2234 Pg. 52

HORIZONTAL ANGLE CONTROL

SET UP ON LA HABRA - "D-4

S-10 TO "WORKMAN HILL"

1. 43-13-00
4. 172-51-00
6. 259-16-30
43-12-45 ✓

S-10 TO S-7

1 28-01-30
4 112-07-30
6 168-11-30 ✓
28-01-55

SET UP AT S-10

S-7 TO LA HABRA D-4

1. 49-09-30
4. 196-38-00
6. 284-57-30 ✓
49-09-35

WORKMAN HILL TO LA HABRA D-4

1. 106-33-00
4. 66-11-30
6. 279-17-00 ✓
106-32-50

SET UP AT "WORKMAN HILL"

S-10 TO LA HABRA D-4

1. 30-14-30
4. 120-57-30
6. 181-26-15
30-14-22½ ✓

SET UP AT S-7

S-10 TO LA HABRA D-4

1. 102-48-30
4. 51-14-00
6. 256-51-00 ✓
102-48-30

SEE Pg. 53 FOR VERTICAL ANGLES

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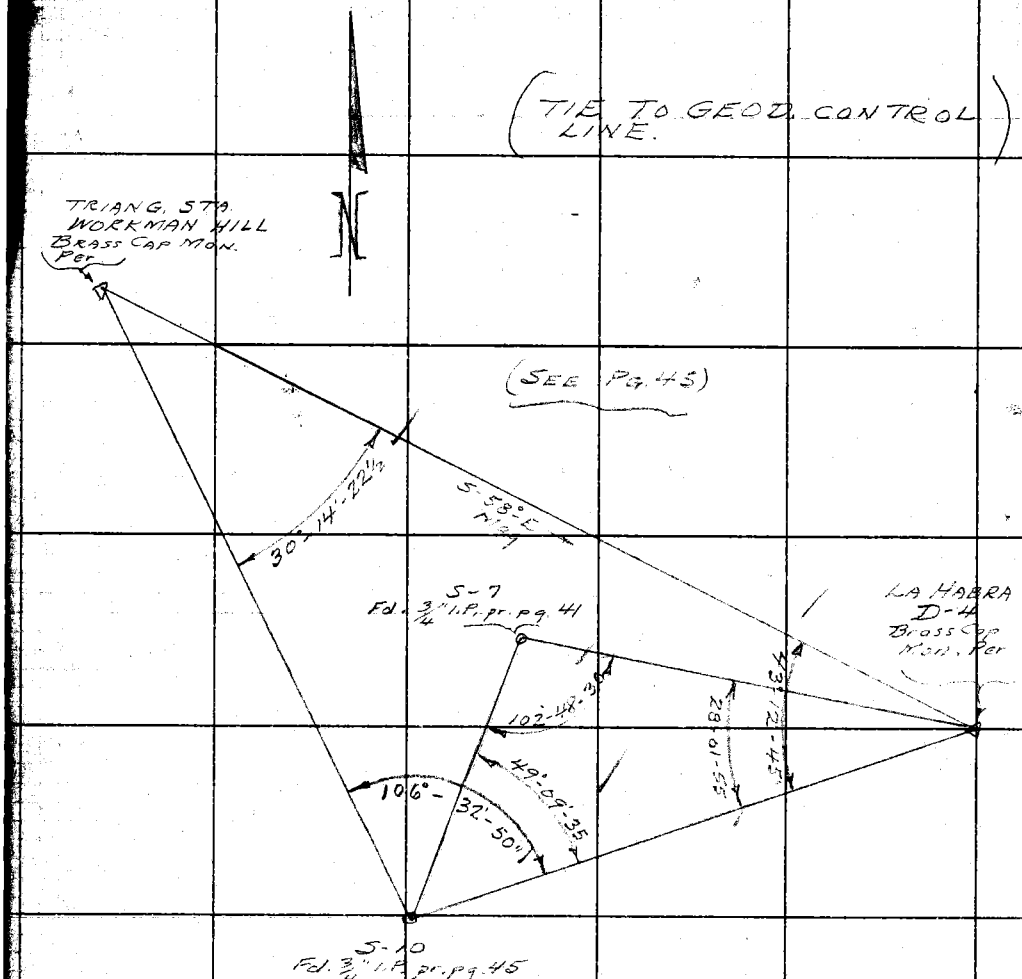
76FS088 247 4-53

F.B. 2234 PG. 56

(TIE TO GEOD. CONTROL LINE.)




SEE Pg. 55 FOR HORIZONTAL ANGLES

SEE Pg. 53 FOR VERTICAL ANGLES

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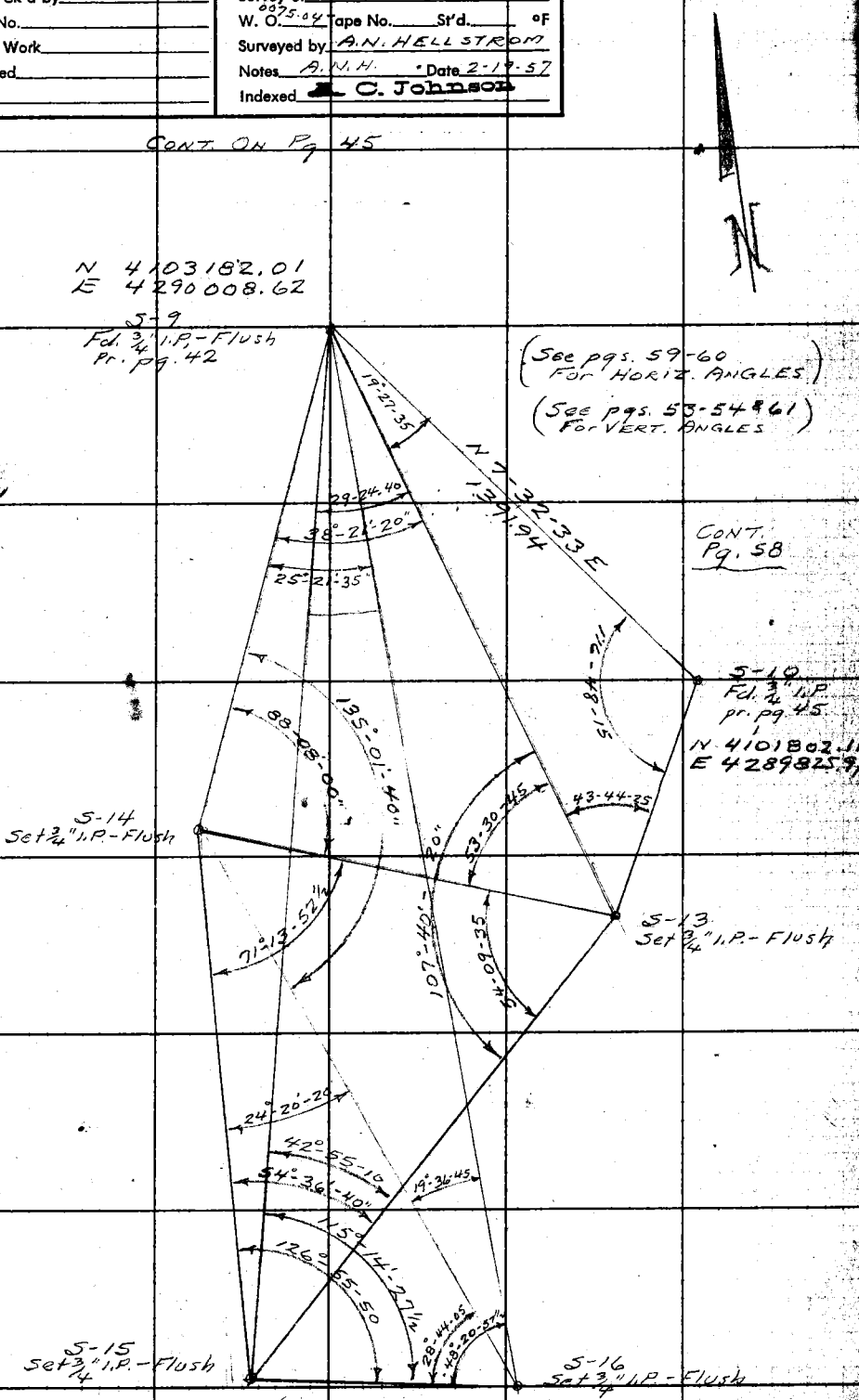
| Checked | Notes A.N.H. Date 2-19-57 |
| Date | Indexed C. Johnson |

F.B. 2254 Pg. 57

CONT. ON Pg. 45




(END)

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78FS08S 247 4-53

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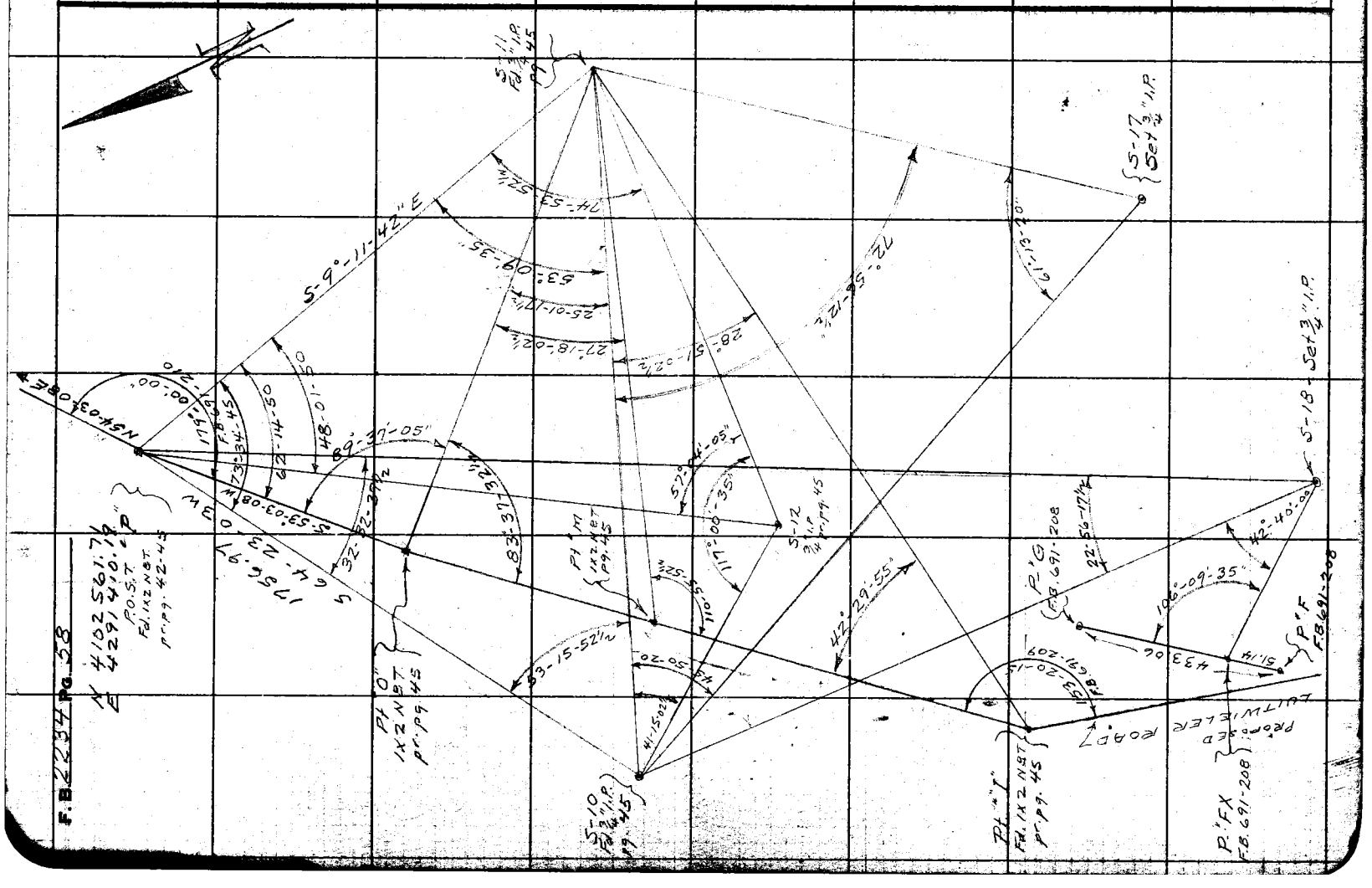

| | |
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F. B. 2294 Pg. 59

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## HORIZONTAL ANGLE CONTROL

### SET UP AT STA. S-9

| S-10 To S-13 | S-13 To S-14 | S-13 To S-15 |
|---|---|---|
| 1. 19-28-00 | 1. 38-21-30 | 1. 29-24-30 |
| 4. 97-50-00 | 4 153-25-30 | 4 117-38-30 |
| 6 116-45-30 | 6 230-08-00 | 6 176-28-00 |
| 19-27-35 | 38-21-20 | 29-24-40 |

S-14 To S-16

1 25-21-30
4 101-26-15
6 152-09-30
25-21-35

### SET UP AT STA. S-14

| S-9 To S-13 | S-13 To S-15 | S-15 To S-16 |
|---|---|---|
| 1 88-08-00 | 1. 71-13-30 | 1 24-20-30 |
| 4 352-32-00 | 4 284-55-30 | 4 97-21-00 |
| 6 168-48-00 | 6. 67-23-15 | 6. 146-02-00 |
| 88-08-00 | 71-13-52½ | 24-20-20 |

S-9 To S-16

1 135-01-30
4. 180-06-30
6. 90-10-00
135-01-40

### SET UP AT STA — S-15

| S-14 To S-13 | S-9 To S-13 | S-9 To S-16 |
|---|---|---|
| 1. 54-36-30 | 1. 42-55-00 | 1. 115-14-30 |
| 4. 218-26-30 | 4. 171-40-30 | 4. 100-58-00 |
| 6. 327-45-00 | 6 257-31-00 | 6. 331-26-45 |
| 54-36-40 | 42-55-10 | 115-14-27½ |

S-14 To S-16

1. 126-56-00
4. 147-43-15
6. 41-35-00
126-55-50

### SET UP AT STA. - S-16

| S-15 To S-14 | S-14 To S-9 | S-15 To S-9 |
|---|---|---|
| 1. 28-44-00 | 1. 19-37-00 | 1. 48-21-00 |
| 4. 114-56-30 | 4. 78-27-00 | 4. 193-24-00 |
| 6. 172-24-30 | 6. 117-40-30 | 6. 290-05-45 |
| 28-44-05 | 19-36-45 | 48-20-57½ |

78FSOBS 247 4-53

F.B. 2234 PG. 60

# HORIZONTAL ANGLE CONTROL

## SET UP AT STA. - S-13

| S-15 To S-14 | S-14 To S-9 | S-15 To S-9 | S-9 To S-10 |
|---|---|---|---|
| 1 54-09-45 | 1 53-30-30 | 1 107-40-15 | 1 43-44-30 |
| 4 16-38-00 | 4 14-03-00 | 4 70-41-15 | 4 174-57-45 |
| 6 24-57-30 | 6 321-04-30 | 6 286-02-00 | 6 262-26-30 |
| 54-09-35 | 53-30-45 | 107-40-20 | 43-44-25 |

## SET UP AT STA. - S-17

S-10 To S-11

1. 61-13-00
4. 244-53-15
6. 7-20-00
61-13-20"

## SET UP AT - S-18

| S-10 To P.O.S.T #P | S-10 To Pt. "FX |
|---|---|
| 1. 22-56-30 | (1) 42-40-00 |
| 4. 91-45-30 | (4) 170-40-00 |
| 6. 137-37-45 | (6) 256-00-00 |
| 22-56-17½ | 42-40-00 |

## SET UP AT Pt. FX - See F.B. 691-208

Pt "G To S-18

1. 106-09-30
4. 64-38-30
6. 276-57-30
106-09-35

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TRANSIT AT STATION S-15 F.B. _____ PG _____ H.I. + 4.73

| Sight on | -Rod | + Vertical - Angle | Horizontal Distance | + Vertical - Distance | + Curvature Correction | + Difference - Elevation | Adjusted Diff. Elev. |
|---|---|---|---|---|---|---|---|
| S-9 | 10' | (1) +5-54-30<br>(2) +5-55-00 | | | | | |
| S-13 | 10' | (1) +11-46-30<br>(2) +11-47-00 | | | | | |
| S-14 | 10' | (1) +3-40-00<br>(2) +3-40-30 | | | | | |
| S-16 | 10' | (1) +7-52-30<br>(2) +7-53-00 | | | | | |
| | | TRANSIT AT STA. - S-16 - H.I. + 4.69 | | | | | |
| S-9 | 10' | (1) +2°-31-30<br>(2) +2-31-00 | | | | | |
| S-14 | 10' | (1) -1-43-00<br>(2) -1-42-30 | | | | | |
| S-15 | 10' | (1) -7-15-30<br>(2) -7-15-00 | | | | | |
| | | TRANSIT AT STA - S-13 - H.I. + 5.00 | | | | | |
| S-9 | 10' | (1) -0°-09'-00<br>(2) -0°-09'-00 | | | | | |
| S-10 | 10' | (1) +4°-13'-30"<br>(2) +4°-14-00" | | | | | |
| S-14 | 10' | (1) -9-52-00<br>(2) -9-52-00 | | | | | |
| S-15 | 10' | (1) -11-21-00<br>(2) -11-21-00 | | | | | |

See pg 57 for Horiz. Ang.

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

Survey of LUITWIELER RD.
W. O. 0075.04 Tape No. _____ St'd. _____ °F
Surveyed by A.N. HELLSTROM
Notes A.N.H. Date 2-19-57
Indexed C. Johnson

F.B. 2234 PG. 61

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TRANSIT AT STATION 5-17 F.B. _____ PG _____ H.I. + 5.11

| Sight on | Rod | + Vertical - Angle | Horizontal Distance | + Vertical - Distance | + Curvature Correction | + Difference - Elevation | Adjusted Diff. Elev. |
|---|---|---|---|---|---|---|---|
| 5-10 | 10' | (1) + 4-42-00<br>(2) + 4-42-30 | | | | | |
| 5-11 | 10' | (1) + 3-34-30<br>(2) + 3-35-00 | | | | | |
| | | TRANSIT AT STA - 5-11 | | H.I. + 5.04 | | | |
| 5-17 | 10' | (1) - 3-16-00<br>(2) - 3-15-30 | | | | | |
| | | TRANSIT AT STA - 5-10 | | H.I. + 5.22 | | | |
| 5-17 | 10' | (1) - 4-28-30<br>(2) - 4-28-00 | | | | | |
| 5-18 | 10' | (1) - 6-33-30<br>(2) - 6-33-00 | | H.I. + 5.18 | | | |
| | | TRANSIT AT STA "O" | | H.I. + 5.01 | | | |
| 5-11 | 10' | (1) + 0-47-30<br>(2) + 0-48-00 | | | | | |
| | | TRANSIT AT STA. P.O.S.T. | | * P - H.I. + 4.83 | | | |
| 5-12 | 10' | (1) - 5-20-30<br>(2) - 5-20-30 | | | | | |
| 5-18 | 10' | (1) - 4-21-00<br>(2) - 4-21-00 | | H.I. + 4.95 | | | |

F.B. 2237 PG. 62

76F3095 S&E #247. 8-54

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TRANSIT AT STATION S-18 F.B. _____ PG _____ H.I. +4.71

| Sight on | Rod | + Vertical - Angle | Horizontal Distance | + Vertical - Distance | + Curvature Correction | + Difference - Elevation | Adjusted Diff. Elev. |
|---|---|---|---|---|---|---|---|
| S-10 | 10' | (1) +6-46-30<br>(2) +6-46-30 | | | | | |
| P.O.S.T. "P | 10' | (1) +4-30-00<br>(2) +4-30-00 | | | | | |
| Pt "FX | 3.60 | (1) -1-53-30<br>(2) -1-54-00 | - H.I. +4.75 | | | | |
| | | TRANSIT AT STA. I H.I. +5.15 | | | | | |
| S-11 | 10' | (1) +3-17-30<br>(2) +3-18-00 | | | | | |
| | | TRANSIT AT STA. Pt. "FX - H.I. +5.01 | | | | | |
| S-18 | 10' | (1) +2-05-00<br>(2) +2-05-00 | | | | | |
| | | TRANSIT AT STA. "S-4-A H.I. = +5.05 | | | | | |
| S"5 | 10° | (1) -4-04-30<br>(2) -4-05-00 | | | | | |
| | | TRANSIT AT STA. "P.I. "10 (SKYLINE) - H.I. +4.80 | | | | | |
| S"4-A | 10° | (1) +5-07-30<br>(2) +5-07-00 | | | | | |
| | | TRANSIT AT STA "S-8 - H.I. +5.00 | | | | | |
| S"7 | 10° | (1) -0°-0[illegible]-00"<br>(2) -0°-05'-30" | | | | | |
| P.O.S.T. "P | 10° | (1) -4-08-30<br>(2) -4-09-00 | | | | | |

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

Survey of LUITWIELER RD.
W. O. 0075.04 Tape No. _____ St'd. _____ °F
Surveyed by A.N. Hellstrom
Notes ANH Date 3-8-57
Indexed C. Johnson

F.B. 2234 PG. 63

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TRANSIT AT STATION P.O.S.T. #P F.B. _____ PG _____ H.I. + 5.00

| Sight on | -Rod | + Vertical - Angle | Horizontal Distance | + Vertical - Distance | + Curvature Correction | +Difference - Elevation | Adjusted Diff. Elev. |
|---|---|---|---|---|---|---|---|
| 5#7 | 10° | (1) + 3°-00'-00" (2) + 2°-59'-30" | | | | | |
| 5#8 | 10° | (1) + 4°-39'-30" (2) + 4°-40'-00" | | | | | |
| 5#9 | 10° | (1) - 2°-03'-00" (2) - 2-02'-30" | | | | | |
| 5#10 | 10° | (1) + 0°-00'-30" (2) + 0°-01'-00" | | | | | |

F.B. 2234 PG. 64

| Profile | Notes Red. | Plotted | Job No. 0075.04 | Division No. 10 | F. B. 2234 Pg. 65 |
|---|---|---|---|---|---|
| No. | Date | Date | Survey of LUITWIELER RD. | | |
| X-Sec. | Notes Chkd. | Checked | Survey by Hellstrom | Notes W.E.N | Date 4-18-57 |
| No. | Date | Date | Map No. | Indexed E. C. Johnson | Date 4-22-57 |

J.N. # 0075.04

LUITWIELLER ROAD

A Line of Bench Levels From COLIMA ROAD and CARRETERA DRIVE then thru "C-1; "C-2; "C-3; "10; "11; "11A; "12; "13; "14; "15; "16; and A.C.P. "2

SEE F.B. 2234 pgs. 13-17 For Location of These Points.

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

A.N. HELLSTROM
W.E. NEWMAN
C.W. ADAMS
M.V. DURAN

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761298 S & E #307 9-54

76L298 S & E #307 9-54

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F. B. 22334 Pg. 66 | Job No. 0075.04 | Division No. 10 | Notes Red. | Plotted | Profile No.
Survey of LUTWIELER RD. | Date | Date | X-Sec. No.
Survey by Hellstrom | Notes W. E. Newman | Notes Chkd. | Checked
Indexed L. C. Johnson | Date | Date | Date

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| (Fd.) B.M. "C-7 | 6 67 | 321.40 | | 314 73 | B.M. "C-7 - Elev. 314.73 pr. F.B. 691-234 - COLIMA RD. and CORRETERA DRIVE. - S.W. COR. - Cement No 1 (Pk.) in Middle of Curb Rd. | |
| ℄ Int. Carretera & Colima | | | 3 60 | 317.80 | ℄ Inter. CORRETERA DR. and COLIMA RD. Fd. Sq. Hd. Spk. & T. pr. pg. 13 | |
| | 1.21 | 319 01 | | | | |
| C-1 | | | 8 67 | 310.34 | Fd. L&T in curb (N. curbing of St.) at Drvwy to house # 15185 - Carretera Rd. see pg 14 | |
| | 1 56 | 311.90 | | | | |
| T.P. | | | 7 16 | 304 74 | | |
| | 2 02 | 306 76 | | | | |
| C-2 | | | 7 33 | 299 43 | Fd. chis (x) in S. curbing Carretera Rd in Front of house # 15152 see pg. 14 | |
| | 0 20 | 299 63 | | | | |
| C-3 | | | 11 25 | 288.38 | Fd. chis (x) in N. curbing of Carretera Dr. on S. Side of Wash. see pg. 14. | |
| | 0 77 | 289 15 | | | | |
| T.B.M. | | | 8 96 | 280.39 | T.B.M. Elev. 280.39 F.B. 2234-26 Carretera Dr. - S. side at Int. La Cuarta St. Fd. L&T. in curbing 1' From end in Front of house # 15106 Carretera Dr. | |

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| TBM | 4 14 | 284 53 | | 280 39 | See pg. 86 | |
| #10 | | | 5 52 | 279 01 | #10 Fd. Nail & T. | see pg 15 |
| | 4 77 | 283 78 | | | | |
| #11 | | | 3 74 | 280 04 | #11 Fd. PK. Nail & T. | see pg. 15 |
| | 6 19 | 286 23 | | | | |
| #11A | | | 3 26 | 282 97 | #11A Fd. Bt. Spk. W. & T. | see pg 15 |
| | 7 18 | 290 15 | | | | |
| #12 | | | 3 31 | 286 84 | #12 Fd. N. & T. | see pg. 16 |
| | 10 82 | 297 66 | | | | |
| T.P. | | | 1 98 | 295 68 | | |
| | 6 09 | 301 73 | | | | |
| #13 | | | 3 86 | 297 87 | #13 Fd. N & T. | see pg 16 |
| | 7 58 | 305 45 | | | | |
| #14 | | | 4 04 | 301 41 | #14 Fd. Sp. Nail & T. | see pg 16. |
| | 10 34 | 311 75 | | | | |
| #15 | | | 5 79 | 305 96 | #15 Fd. N. & T. | see pg 17 |
| | 7 68 | 313 64 | | | | |
| #16 | | | 2 69 | 310 95 | #16 Fd. N & T. | See pg 17 |

Profile Notes Red____ Plotted____ Job No. 42-1504 Division No. 18 F. B. 2234 Pg. 67
No.____ Date____ Date____ Survey of LUITWILEER RD.
X-Sec. Notes Chkd.____ Checked____ Survey by [illegible] Notes [illegible] Date 4-13-55
No.____ Date____ Date____ Map No.____ Indexed G. Johnson Date____

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| #16 | 11 22 | 322 17 | | 310 95 | See pg 67 | |
| T.P. | | | 0 84 | 321 33 | | |
| | 8 66 | 329 99 | | | | |
| A.C.P. #2 | | | 3 02 | 326 97 | A.C.P. #2 Fd. Bt. Spk. W. & T. | see pg. 17 |
| | 4 72 | 331 69 | | | | |
| T.B.M. | | | 0 63 | 331 06 | T.B.M. Elev. 331.085 | F.B. 2234-27 |
| | | | | | La Curta & La Entrada are - S.E. Cor. Bt. Spk. in head in Top 24" Std. pipe rim 4ft above Ground. | |

F. B. 2234 Pg. 68 Job No. 0075.04 Division No. 10 Notes Red. Plotted No. Profile
Survey of LUITWIELER RD. Date 4-18-57 Date X-Sec.
Survey by H. Hstrom Notes Newman Notes Chkd. Checked No.
Indexed K. C. Johnson Date Date Date

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD. |
| Map No. | JN 0075.04 Tape Std °F |
| Office Work | Surveyed by A.N. Hellstrom |
| Checked | Notes A.N.H. Date 8-6-57 |
| Date | Indexed L. C. Johnson 8-9-57 |

F. B. 2234 PG. 69

J.N. 0075.04

LUITWIELER ROAD

FROM COLIMA ROAD TO HACIENDA BLVD.

A PROFILE LINE OVER ORIGINAL CONTROL LINE
TO CHECK AERIAL ELEVS. AGAINST ACTUAL ELEVS.
FROM "P" PT. "J" TO "P" PT. "O" — 1766.52 FT.
SEE F.B. 691 — 209-210 — ALSO AERIAL MAP

PLAN OF PROFILE Page 70
For Elevs. See Pgs. 71-76

Sht. #2

A.N. Hellstrom
W.E. Newman
C.W. Adams
M.V. Duran

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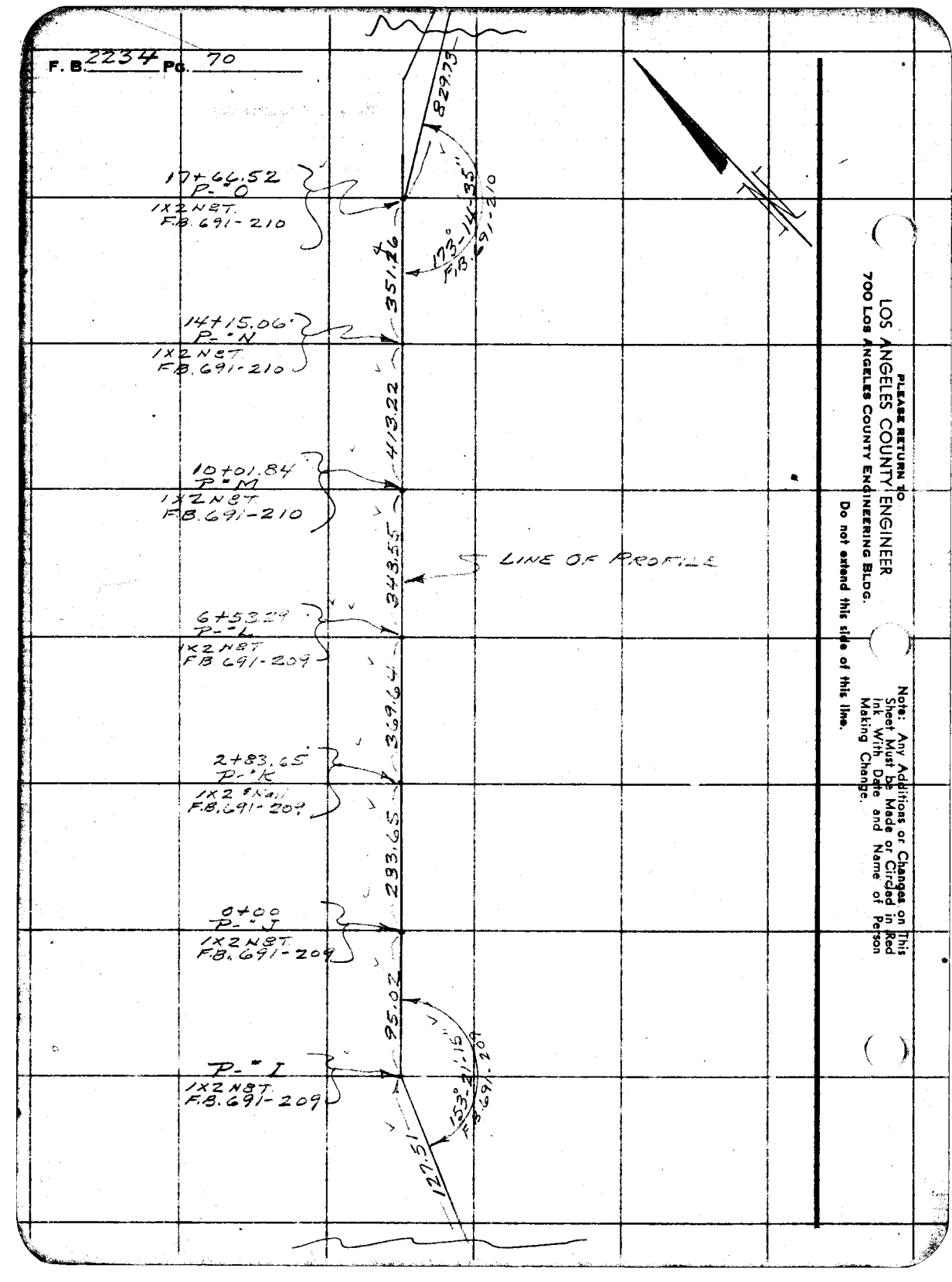
787-3098 SSE #247 1-56

F. B. 2234 PG. 70

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| | | | | | |
|---|---|---|---|---|---|
| Profile No. | Notes Red. | Plotted | Job No. 0075.04 | Division No. 10 | F. B. 2234 Pg. 71 |
| | Date | Date | Survey of LUITWIELER ROAD | | |
| X-Sec. No. | Notes Chkd. Galli | Checked | Survey by Hellstrom | Notes | Date 8-7-57 |
| | Date 8-9-57 | Date | Map No. | Indexed A. C. Johnson | Date |

J.N. 0075.04

LUITWIELER ROAD

ELEVS. ALONG A PROFILE LINE
FROM P "J" TO P. "O" AS SHOWN
ON PLAN OF PROFILE LINE
ON PAGE 69-70
PROFILE ON PAGE 71-76

SEE PGS. 77-79 - FOR CONTINUOUS STATIONING & ELEVS.
FROM 0+00 TO 17+66.52

Sheet #2

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

A.N. Hellstrom
W.E. Newman
C.W. Adams
M.V. Duran

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7AL298 S & E #307 9-54

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | |
|---|---|---|---|---|---|
| P. "J" | 0 36 | 644 05 | | 643 69 | Pr. J - Elev. 643.69 - F.B. 691-217 1X2 Nat. Pr. F.B. 2234-70 |
| 0+50 | | | 8.7 | 635 4 | |
| T.P. #1 | | | 11.77 | 632.28 | |
| T.P. #2 | | | 0.61 | 643.44 | |
| 3+50 | | | 10 7 | 633 4 | |
| T.P. #1 | 1 08 | 633.36 | 11 77 | 632.28 | |
| 0+83 | | | 3 6 | 629 8 | Break in Grade. |
| 1+00 | | | 9 8 | 623 6 | side Hill |
| T.P. #3 | 0 47 | 621 99 | 11 84 | 621.52 | |
| 1+50 | | | 10 4 | 611 6 | |
| 3+00 | | | 10 5 | 611 5 | side Hill |
| T.P. #4 | 0 33 | 610 72 | 11 60 | 610 39 | |
| P. Pr. "K" 2+83.65 | | | 6 14 | 604 58 | P "K" = 1X2 Nail Elev. 604.565 pr. F.B. 691-217 |
| 2+00 | | | 8 3 | 602 4 | Break in Grade |
| T.P. #5 | 0 36 | 599 87 | 11 21 | 599 51 | |
| 2+50 | | | 6 9 | 593 0 | |
| 2+29 | | | 11 3 | 588 6 | Bottom of Drain |
| B.M. #L-4 | | | 13 13 | 586.74 | B.M. #L-4 El. 586.725 Pr. F.B. 691-217 |

F. B. 2234 Pg. 72

Job No. 0075.04 Division No. 10 Notes Red. Plotted Profile No.

Survey of LUITWIELER ROAD Date Date X-Sec.

Survey by Hellstrom Notes Notes Chkd. Galli Checked

Indexed R. C. Johnson Date Date 8-9-57 Date No.

761298 S & E #307 9-54

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Do not extend notes this side of this line.

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| T.P. # 2 | 11 03 | 654 47 | | 643.44 | | |
| 4+00 | | | 3 2 | 651 3 | side Hill | |
| T.P. # 6 | 12 00 | 666 10 | 0 37 | 654 10 | | |
| T.P. # 7 | 11 91 | 677 88 | 0 13 | 665 97 | | |
| 4+50 | | | 7 3 | 670 6 | side Hill | |
| T.P. # 8 | 11 76 | 689.31 | 0 33 | 677 55 | | |
| T.P. # 9 | 11 44 | 700.30 | 0 45 | 688.86 | | |
| 5+00 | | | 11 6 | 688 7 | side Hill | |
| T.P. # 10 | 11 79 | 711 72 | 0 37 | 679 93 | | |
| 5+50 | | | 10 6 | 701 1 | Break in Grade | |
| 6+00' ⊙ | 7 43 | 717 71 | 1 44 | 710 28 | Top Flat Bridge | |
| P.P.T. "L" 6+53.2 | | | 1 21 | 716 50 | " " " P-PT "L" = 1X2 NET, per F.B. 691-21 | E Inv. = 716.385 |
| 6+94.5 | | | 7 0 | 710 7 | Top Break | |
| T.P. # 11 | | | 0 93 | 716.73 | | |
| 7+05.3 | | | 16 0 | 701 7 | Bottom Break | |
| 7+21.2 | | | 15 0 | 702 7 | Top Break | |
| 8+23 | | | 11 1 | 706 6 | | |
| 8+17 | | | 14 1 | 703 6 | Top Bank | |

Profile Notes Red ____ Plotted ____ Job No. 00850.04 Division No. 10 F. B. 2234 Pg. 73
No. ____ Date ____ Date ____ Survey of Lautwheler Road
X-Sec. Notes Chkd. Galli Checked ____ Survey by A.N. Hellstrom Notes Neumann Date 8-57
No. ____ Date 8-9-57 Date ____ Map No. ____ Indexed Date ____ Date ____

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 717 71 | | | | |
| T.P. # 12 | 0 16 | 706 40 | 11 47 | 706.24 | | |
| T.P. # 13 | 0 16 | 695 08 | 11 48 | 694.92 | | |
| 7+91.8 | | | 11 2 | 683 9 | Top Bank | |
| 8+11.8 | | | 12 2 | 682 9 | Bottom Bank | |
| 7+72.8 | | | 28 2 | 666 9 | Bottom Drain | |
| T.P. # 11 | 12 28 | 729.06 | | 716 78 | | |
| 8+41.1 | | | 8 4 | 720 7 | Break in Grade. | |
| T.P. # 14 | 11 47 | 740 13 | 0 40 | 728 66 | | |
| T.P. # 15 | 11 57 | 751 38 | 0 32 | 739 81 | | |
| T.P. # 16 | 11 48 | 762 63 | 0 23 | 751 15 | | |
| 9+00 | | | 10 7 | 751 9 | Side Hill | |
| 9+22.9 | | | 2 5 | 760 1 | 2x2 | |
| T.P. # 17 | 11 59 | 773.42 | 0 80 | 761 83 | | |
| 9+50 | | | 6 7 | 766 7 | Side Hill | |
| T.P. # 18 | 3 44 | 776 25 | 0 61 | 772 81 | | |
| 10+00 | | | 2 2 | 774 1 | | |
| 10+01.8 | | | 1 99 | 774.26 | P. Pt. "M" = 1x2 NGT. Pr. F.B. 691-219 - EL.: 774.10⁵ | |
| 10+50 | | | 2 6 | 773 7 | | |
| T.P. # 19 | | | 0.00 | 776 25 | | |

F. B. 2234 Pg. 74 Job No. 0075.04 Division No. 10 Notes Red. Plotted Profile
Survey of LUITWIELER ROAD Date Date No.
Survey by A.N. Hellstrom Notes Newman Notes Chkd. Galli Checked X-Sec.
Indexed R.C. Johnson Date Date 8-9-57 Date No.

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 776 25 | | | | |
| 10+85 ⊥ 0 | 0 48 | 768 80 | 7 93 | 768.32 | Break in Grade | |
| 13+50 | | | +5 3 | 774 1 | Side Hill | |
| 11+00 | | | 5 4 | 763 4 | " " | |
| 13+22 | | | 4 2 | 764 6 | Break in Grade | |
| T.P. #20 | 0 67 | 757 84 | 11 61 | 757 19 | | |
| 11+30 | | | 7 2 | 750 6 | Break in Grade | |
| 13+00 | | | 3 4 | 754 4 | Side Hill | |
| T.P. #21 | 3 10 | 748 99 | 11 95 | 745 89 | | |
| 11+50 | | | 11 5 | 737 5 | | |
| T.P. #22 | 1 44 | 738 90 | 11 53 | 737 46 | | |
| T.P. #23 | 0 25 | 727 44 | 11 71 | 727 19 | | |
| 12+50 | | | 7 3 | 720 1 | | |
| T.P. #24 | 0 20 | 7~~2~~17 45 | 10 19 | 717 25 | | |
| 12+28 | | | 9 6 | 707 9 | Break in Grade | |
| 12+20 | | | 14 9 | 702 6 | Bottom of Drain | |
| T.P. #19 | 5 95 | 782 20 | | 776.25 | | |
| 14+00 | | | 2 0 | 780.2 | Top Ridge | |
| P. pt. "N" | | | 0 6 | 781 6 | dirt 1x2 Destroyed | |
| 14+50 | | | 8 3 | 773 9 | Break in Grade | |

Profile Notes Red. ____ Plotted ____ Job No. 0075.04 Division No. 10 F. B. 2234 Pg. 75
No. ____ Date ____ Date ____ Survey of Lutheler Road
X-Sec. Notes Chkd. Galli Checked ____ Survey by A.N. Hellstrom Notes Newman Date 8-57
No. ____ Date 8-9-57 Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 782.20 | | | | |
| T.P.# 25 | 0 17 | 770 54 | 11 83 | 770 37 | | |
| T.P.# 26 | 1 12 | 759 83 | 11 83 | 758 71 | | |
| P. pt. "O" 17+66.3 | | | 2 79 | 757 04 | Top ridge P. Pt. "O" = 1x2 NET pr. F.B. 691-220 | Elev. = 756.895 |
| 17+00 | | | 7 7 | 752 1 | rounding slope | |
| 15+00 | | | 11 4 | 748 4 | Side Hill | |
| T.P.# 27 | 0 53 | 748 95 | 11 41 | 748 42 | | |
| 16+50 | | | 5 7 | 743 3 | Side Hill | |
| T.P.# 28 | | | 11 91 | 737 04 | | |
| 15+50 | | | 19 9 | 729 1 | Side Hill | |
| 16+00 | | | 23 3 | 725 7 | Side Hill | |
| 15+75 | | | 30 7 | 718 3 | Bottom of Drain | |

F. B. 2234 Pg. 76

Job No. 0075.04 Division No. 10 Notes Red. Plotted Profile

Survey of Luitwieler Road Date Date No.

Survey by A.N. Hellstrom Notes Newman Notes Chkd. Galli Checked X-Sec.

Indexed K. C. Johnson Date Date 8-9-57 Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| Note. These Stas. & Elevs. Are Continuous See Pgs. 71-76 For Check. Due To Topog. Conditions We Shot Stations As Convenient. | | | | | | |
| 0+00 | = P #J on Sht. #2 | | | 643.69 | P-Pt. #J - See Pg. 72 | |
| 0+50 | | | | 63[illegible] | S.h. | |
| 0+83 | | | | 629.8 | br. in gr. | |
| 1+00 | | | | 6[illegible].6 | S.h. | |
| 1+50 | | | | 611.6 | S.h. | |
| 2+00 | | | | 60[illegible] | br. in gr. | |
| 2+29 | | | | 588.6 | b.d. | |
| 2+50 | | | | 593.0 | S.h. | |
| 3+00 | | | | 611.5 | S.h. | |
| 3+50 | | | | 633.4 | S.h. | |
| 4+00 | | | | 651.3 | S.h. | |
| 4+50 | | | | 670.6 | S.h. | |
| 5+00 | | | | 688.7 | S.h. | |
| 5+50 | | | | 701.1 | br. in gr. | |
| 6+00 | | | | 710.3 | top flat ridge | |
| 6+53.3 | | | | 716.5 | top flat ridge = P-Pt. #L pr. pg. 73 | |

Profile Notes Red. ____ Plotted ____ Job No. 0075.04 Division No. 10 F. B. 2234 Pg. 77
No. ____ Date ____ Date ____ Survey of LUITWIELER RD
X-Sec. Notes Chkd. Galli Checked ____ Survey by Hellstrom Notes G.L.M. Date 8-8-57
No. ____ Date 8-9-57 Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| 6+94.5 | | | | 710.7 | top of ℄ br | |
| 7+05 | | | | 701.7 | bottom of br. | |
| 7+21 | | | | 702.7 | top of br | |
| 7+72.8 | | | | 66[illegible].9 | bottom of br | |
| 7+91.8 | | | | 683.9 | top of bank | |
| 8+11.8 | | | | 682.9 | bottom of bank | |
| 8+17 | | | | 703.6 | top of bank | |
| 8+23 | | | | 706.6 | br. | |
| 8+41.1 | | | | 720.7 | S.h. | |
| 9+00 | | | | 751.9 | S.h. | |
| 9+22.9 | | | | 760.1 | | 2X2 |
| 9+50 | | | | 766.7 | S.h. | |
| 10+00 | | | | 774.1 | top ridge | |
| 10+01.8 | P | pt M | | 774.26 | Pr. Pg. 74 | |
| 10+50 | | | | 773.7 | | |
| 10+85.1 | | | | 768.3 | br | |
| 11+00 | | | | 763.4 | S.h. | |
| 11+30 | | | | 750.6 | br | |

F. B. 2234 Pg. 78 Job No. 0075.04 Division No. 10 Notes Red. Plotted Profile
Survey of LUITWIELER RD Date Date No. X-Sec.
Survey by Hellstrom Notes G.L.M. Notes Chkd. Galli Checked
Indexed C. Johnson Date Date 8-9-57 Date No.

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| 11+50 | | | | 7375 | s.b. | |
| 12+20 | | | | 7026 | bottom of draw | |
| 12+23 | | | | 7019 | bk | |
| 12+50 | | | | 7201 | sh | |
| 13+00 | | | | 7542 | sh | |
| 13+22 | | | | 7646 | bk | |
| 13+50 | | | | 7741 | sh | |
| 14+00 | | | | 7802 | top of ridge | |
| 14+50 | | | | 7739 | bk | |
| 15+00 | | | | 7484 | sh | |
| 15+50 | | | | 7291 | sh | |
| 15+75 | | | | 7183 | bottom draw | |
| 16+00 | | | | 7257 | sh | |
| 16+50 | | | | 7433 | sh | |
| 17+00 | | | | 7521 | sh | |
| 17+66.5 | P.O.T. "D" | | | 75704 | top of ridge | prop. 76 |

Profile Notes Rod. _____ Plotted _____ Job No. 0075.04 Division No. 10 F. B. 22334 Pg. 79

No. _____ Date _____ Date _____ Survey of LUITWIELER RD

X-Sec. Notes Chkd. Gall Checked _____ Survey by HELLSTROM Notes G.L.M. Date 8-8-57

No. _____ Date 8-9-57 Date _____ Map No. _____ Indexed Johnson Date _____

| | |
|---|---|
| Notes Ck'd by GOSS | Survey of LUITWIELER RD. |
| Map No. | JN 0075.04 Tape Std °F |
| Office Work | Surveyed by A.N. Hellstrom |
| Checked | Notes A.N.H. Date 8-15-57 |
| Date | Indexed E. C. Johnson 8-20-57 |

F. B. 2234 PG. 81

J.N. * 0075.04

LUITWIELER ROAD (At HACIENDA BLVD.)

SCHEME OF PROFILE LINES IN VICINITY OF HACIENDA BLVD. & PROPOSED LUITWIELER RD.

PROFILE LINES & ELEVS. ARE FOR THE PURPOSE TO CHECK AERIAL SURVEY ELEVS, AGAINST ACTUAL ELEVS.

See Pgs. 83-87 For Actual Elevs.

Sheet #3

A.N. Hellstrom
W.E. Newman
G.L. Matthiesen
M.V. Duran

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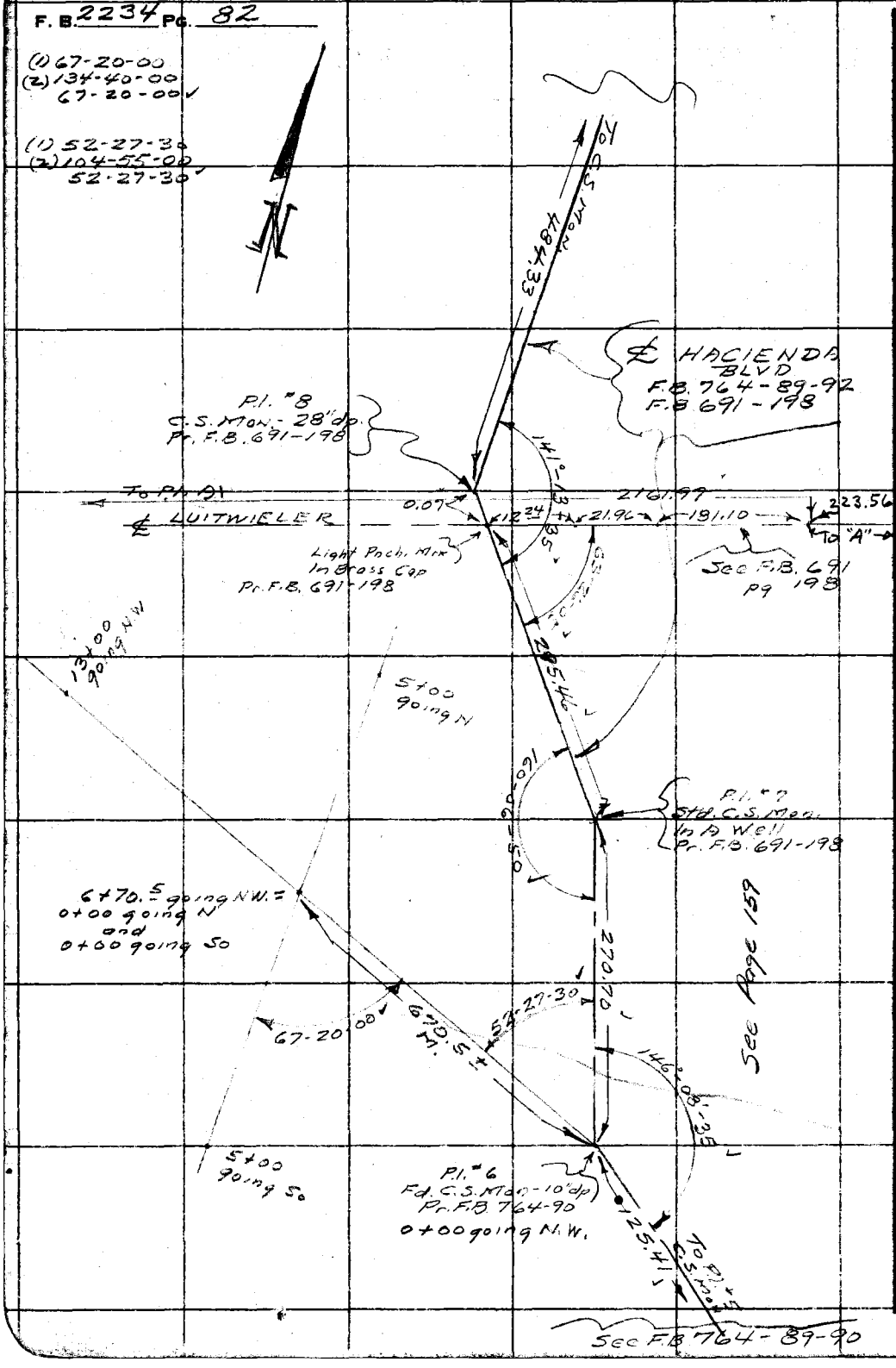
76F3098 S&E #247 1-56

F. B. 2234 PG. 82

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| Profile No. | Notes Red. | Plotted | Job No. 0075.04 | Division No. 10 | F. B. 2234 Pg. 83 |
|---|---|---|---|---|---|
| | Date | Date | Survey of LUITWIELER Rd. | | |
| X-Sec. No. | Notes Chkd. Gess | Checked | Survey by A.N. Hellstrom | Notes NEWMAN | Date 8-57 |
| | Date | Date | Map No. | Indexed K. G. Johnson | Date |

J.N. #0075.04

LUITWIELER ROAD

AT HACIENDA BLVD.

Pages 84-87

PROFILE OF ACTUAL ELEVS. TO BE COMPARED WITH AERIAL CONTOUR ELEVS. ON AERIAL MAPS

SEE Pg. 82 FOR SCHEME OF PROFILE STATIONING

| STATION | B. B. | H. I. | F. B. | ELEV. |
|---|---|---|---|---|
| | A.N. Hellstrom<br>W.E. Newman<br>G.L. Matthiesen<br>M.V. Duran | | | |

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7GL298 S & E #307 9-54

76L298 S & E #307 9-34

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

| STATION | B. S. | H. I. | F. S. | ELEV. | |
|---|---|---|---|---|---|
| B.M.# F. | 1 11 | 585 65 | | 584 54 | B.M. "F" - Elev. 584.535 - F.B. 691-227. Chis. □ in N end. of E. Headwall 24" Culvert on So. Side Hacienda Blvd. - 5.5 S.E. of P.I. #4 & 50' W. of P.P. #441113E. |
| T.P. | | | 11 16 | 57[illegible] 49 | |
| | 1 89 | 576 38 | | | |
| 0+00 | | | 5 69 | 570 69 | P.I. #6 - C.S. Mon. 10" dp. - Pr. Pg. 82 |
| 0+00 | | | 4 6 | 571 8 | Ground going N.W. pr. pg. 82 |
| 0+50 | | | 5 6 | 570 8 | " |
| 1+00 | | | 7 4 | 569 0 | " |
| 1+50 | | | 9 3 | 567 1 | " |
| 2+00 | | | 10 89 | 565 49 | 1X2 |
| | 0 31 | 565 80 | | | |
| 2+50 | | | [illegible] 2 | 563 6 | Ground |
| 3+00 | | | 4 0 | 561 8 | " |
| 3+50 | | | 5 8 | 560 0 | " |
| 4+00 | | | 7 5 | 558 3 | " |
| 4+50 | | | 8 8 | 557 0 | " |
| 5+00 | | | 10 1 | 555 7 | " |
| 5+50 | | | 11 2 | 554 6 | " |
| T.P. | | | 11 47 | 554 33 | 1X2 |

See pg. 82 for Stationing

F. B. 2234 PG. 84

Job No. 007504 Division No. 10 Notes Red. Plotted Profile

Survey of Whittier Rd. Date Date No.

Survey by A.N. Hellstrom Notes Newman Notes Chkd. Goss Checked X-Sec.

Indexed A. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| T.P. | 0 85 | 555 18 | | 554 33 | | |
| 6+00 | | | 1 8 | 553 4 | Ground | |
| 6+50 | | | 2 1 | 552 1 | " | |
| 6+70.5 = T.P. | | | 3 33 | 551 30 | 1x2 { 6+70.5 Going N.W. = 0+00 going South pg 82<br>6+70.5 " " = 0+00 " North pg 82 | |
| | 0 85 | 552 15 | | | | |
| 7+00 | | | 1 4 | 550 7 | Ground | |
| 7+50 | | | 2 7 | 549 [illegible] | " | |
| 8+00 | | | 3 8 | 548 3 | " | |
| 8+50 | | | 5 2 | 546 9 | " | |
| 9+00 | | | 6 7 | 545 4 | " | |
| 9+50 | | | 7 9 | 544 2 | " | |
| 10+00 | | | 8 5 | 543 4 | " | |
| 10+50 | | | 9 [illegible] | 542 [illegible] | " | |
| 11+00 | | | 10 3 | 541 8 | " | |
| 11+50 | | | 11 0 | 541 [illegible] | " | |
| 12+00 | | | 11 3 | 540 3 | " | |
| 12+50 | | | 11 5 | 540 6 | " | |
| 13+00 | | | 11 0 | 541 [illegible] | " going N.W. pr. pg. 82 | |

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. [illegible]
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. [illegible] Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 2234 Pg. 85

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| 6+70.5 going N.W. = 0+00 going South | | | | 551 30 | 1X2 pr. pg. 85 — See pg 82 for Location | |
| | 11 74 | 563 04 | | | | |
| 0+50 | | | 10 3 | 552 7 | Ground | |
| 1+00 | | | 8 8 | 554 2 | " | |
| 1+50 | | | 7 5 | 555 5 | " | |
| 2+00 | | | 6 2 | 556 8 | " | |
| 2+50 | | | 4 9 | 558 1 | " | |
| 3+00 | | | 3 6 | 559 4 | " | |
| 3+50 | | | 2 1 | 560 9 | " | |
| 4+00 | | | 0 9 | 562 1 | " | |
| T.P. | | | 0 52 | 562 52 | 1X2 | |
| | 3 63 | 566 15 | | | | |
| 4+50 | | | 2 4 | 563 7 | Ground | |
| 5+00 | | | +0 2 | 566 3 | " | |

F. B. 2234 Pg. 86

Job No. 00254 Division No. 10 Notes Red. Plotted Profile

Survey of LUTWIELER Rd. Date Date No.

Survey by A.N. HELLSTROM Notes VEWMAN Notes Chkd. GOSS Checked X-Sec.

Indexed K. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | |
|---|---|---|---|---|---|
| 6+70.5 going N.W. = 0+00 going North | | | | 551.30 | 1X2 pr. pg 85-86 For Location See Pg. 52 |
| | 2 31 | 554 61 | | | |
| 0+00 | | | 4 7 | 549 8 | Ground |
| T.P. | | | 4 31 | 550 30 | 1X2 |
| | 1 30 | 551 60 | | | |
| 1+00 | | | 2 1 | 549 4 | Ground |
| 1+50 | | | 3 2 | 548 3 | " |
| 2+00 | | | 4 9 | 546 5 | " |
| 2+50 | | | 5 9 | 545 6 | " |
| 3+00 | | | 7 1 | 544 4 | " |
| 3+50 | | | 8 4 | 543 1 | " |
| 4+00 | | | 9 5 | 542 0 | " |
| 4+50 | | | 10 5 | 541 0 | " |
| 5+00 | | | 11 8 | 539 [illegible] | " |
| T.P. | | | 1 37 | 550 13 | 1X2 |
| | 11 94 | 562 07 | | | |
| T.P. | | | 0 25 | 561 82 | 1X2 |
| | 11 32 | 573 14 | | | |
| B.M.# 38-8 | | | 10 87 | 562 27 | B.M.#38-8 Elev. 562.274 F.B. 691-227 Hacienda Blvd. 0.45 Mi. So. Los Altos Dr. & P.I. of Seventh Curve. So. of Los Altos Dr. 4.9 Ft. Ely. of center Prm'T. 20.7 wly of RF#441100 E. Std. C.S. Mon. in H.H. with cast iron cover per F.B. 1359-14. |

Profile Notes Red. ____ Plotted ____ Job No. 997524 Division No. 10 F. B. 2234 Pg. 87
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. [illegible] Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Notes Job 11500 Date ____

| | |
|---|---|
| Notes Ck'd by | Survey of LUITWIELER RD. |
| Map No. | JN 0075.04 Tape Std °F |
| Office Work | Surveyed by A.N. Hellstrom |
| Checked | Notes A.N.H. Date 8-1957 |
| Date | Indexed E. C. Johnson |

F. B. 2234 Pg. 89

AUG 21 '57

J.N. 0075.04

LUITWIELER ROAD

SCHEME OF PROFILE LINES IN VICINITY OF COLIMA RD. & LA SEXTA ST. Pages 90-

PROFILE LINES & ELEVS. ARE FOR THE PURPOSE TO CHECK AERIAL SURVEY ELEVS. AGAINST ACTUAL ELEVS.

See Pgs. 93-97 For Actual Elevs.

Sheet #1

A.N. Hellstrom
W.E. Newman
G.L. Mathiesen
M.V. Duran

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78F3098 SBE #247 1-56

Cont. On Bottom Left Pg. 91

F. B. 2234 Pg. 90

(1) 104-01-30
(2) 208-03-00
104-01-30

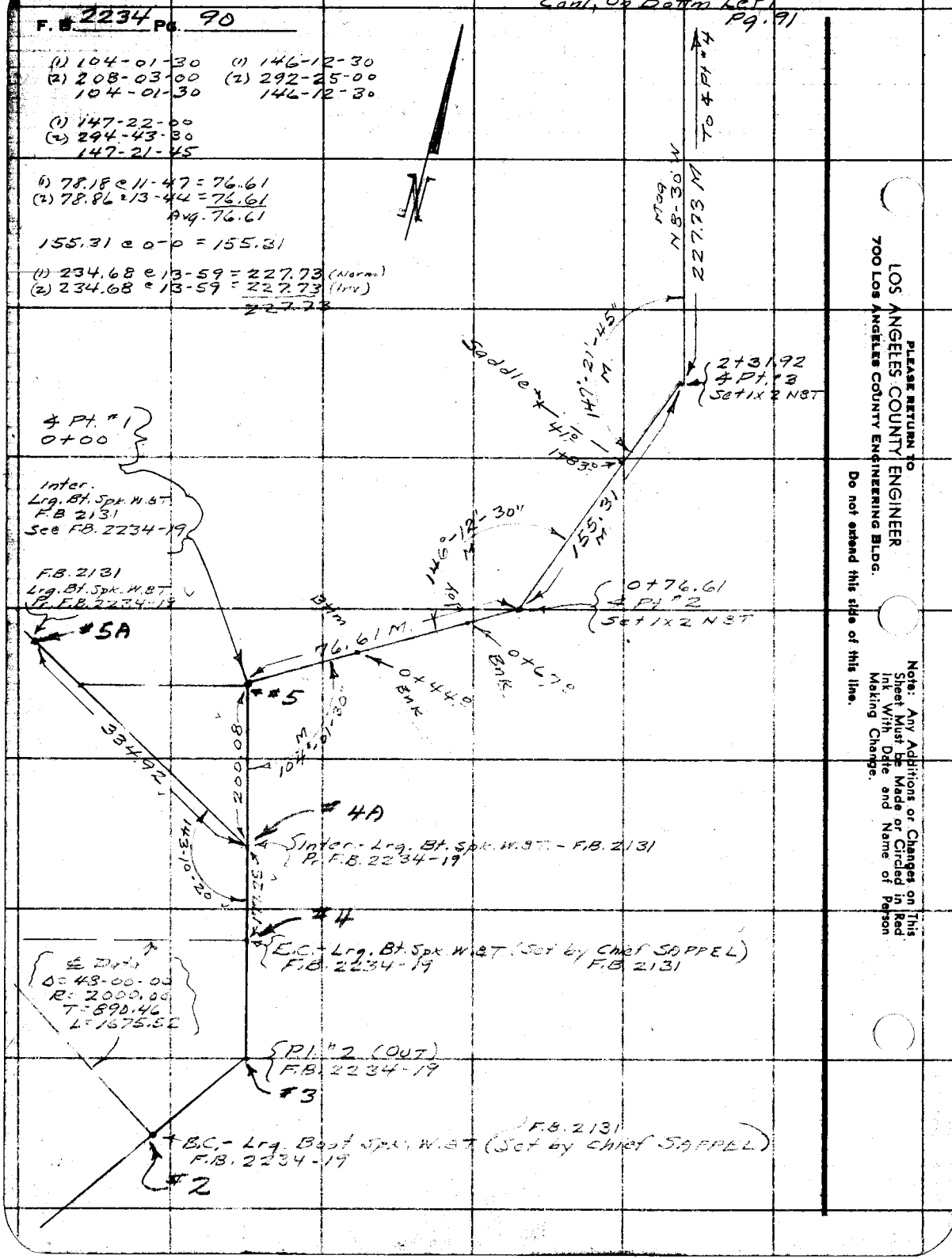
(1) 146-12-30
(2) 292-25-00
146-12-30

(1) 147-22-00
(2) 294-43-30
147-21-45

(1) 78.18 @ 11-47 = 76.61
(2) 78.86 @ 13-44 = 76.61
Avg. 76.61

155.31 @ 0-0 = 155.31

(1) 234.68 @ 13-59 = 227.73 (Norm)
(2) 234.68 @ 13-59 = 227.73 (Inv)
227.73

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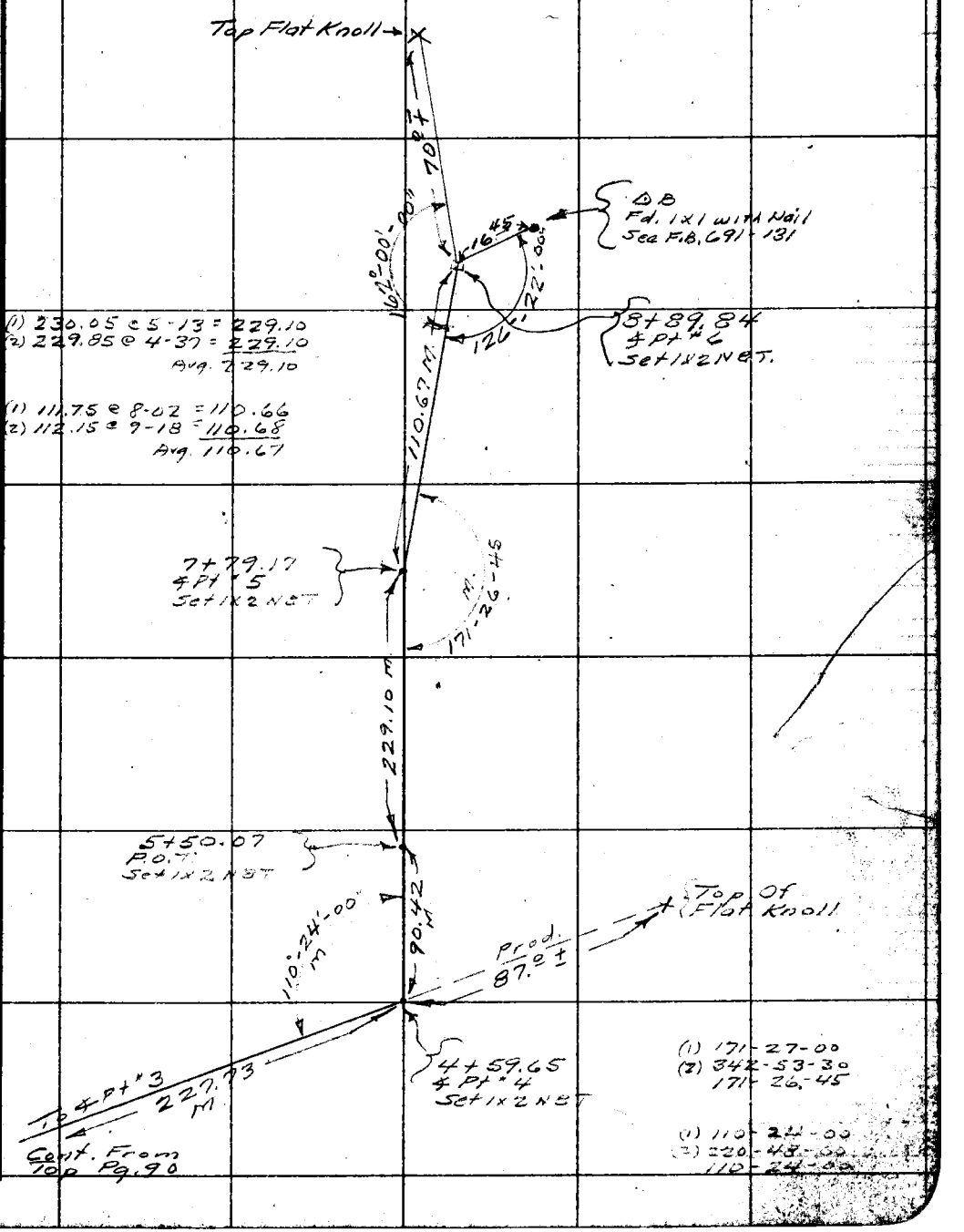
| | |
|---|---|
| Notes Ck'd by | Survey of LUITWIELER RD. |
| Map No. | JN 0075.04 Tape 300' Std ___ °F |
| Office Work | Surveyed by A.N. Hellstrom |
| Checked | Notes A.N.H. Date 8-16-57 |
| Date | Indexed A. C. Johnson |

F. B. 2234 PG. 91

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78F309S S&E #247 1-56

| Profile | Notes Red. | Plotted | Job No. 0075.04 | Division No. 10 | F. B. 2234 Pg. 93 |
|---|---|---|---|---|---|
| No. | Date | Date | Survey of LUITWIELER RD. | | |
| X-Sec. | Notes Chkd. | Checked | Survey by A.N. Hellstrom | Notes Newman | Date 9-57 |
| No. | Date | Date | Map No. | Made by Johnson | Date AUG 21 57 |

J.N. * 0075.04

LUITWIELER ROAD

LINES OF PROFILE TO CHECK ACTUAL ELEVS. AGAINST AERIAL ELEVS. IN VICINITY FROM INTER. COLIMA RD & LA JENTA ST. NORTH & WESTLY.

Pages 93-97

SEE Pgs. 90-91 - For Scheme Sheet #1

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

A.N. HELLSTROM
W.E. NEWMAN
C.W. ADAMS
M.V. DURAN

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7RL293 S & E #307 9-54

76L200 S & E #307 9-54

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F. B. 2234 Pg. 94 | Job No. 005.04 | Division No. 10 | Notes Red. | Plotted | Profile
Survey of LUTWILLER RD | Date | No. | X-Sec.
Survey by A. M. Hellstrom | Notes Newman | Notes Chkd. Goss | Checked
Indexed K. C. Johnson | Date | Date | No.

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| B.M. "C-4" | | | | 469 06 | B.M. "C-4" Elev: 469.06 F.B. 691-2.33 Chiselled "+" Top Rivet of Fire Hyd. S.W. Cor. La Sesta (Mar Vista St.) & Colima Rd. | |
| | 1 68 | 470 74 | | | | |
| T.P. | | | 9 79 | 460 95 | | |
| | 3 13 | 464 08 | | | | |
| #4 E.C. | | | 11 36 | 458 38 | #4 Pr. F.B. 2234 Pg. 19 #4 E.C. Elev. 464.81 (per Aerial Map) | |
| #4A | | | [illegible] | 458 46 | #4A Pr. F.B. 2234-19 | |
| #4 E.C. | | | [illegible] | 452 [illegible] | #4 pr. F.B. 2234-19 & Aerial Map | |
| | 11 90 | [illegible] | | | | |
| T.P. | | | 3 17 | 460 95 | | |
| | 10 48 | 471 43 | | | | |
| B.M. "C-4" | | | 2 37 | 469.06 | See above. | |
| | 12 22 | 481 28 | | | | |
| * #1 = 0+00 | | | 11 92 | 469 36 | Bt. Spk. W. of T. #5 Pr. F.B. 2234-19 & 90 | |
| 0+44 | | | 3 2 | 473 1 | Bot. Bank. | |
| T.P. | | | 0 17 | 481 11 | | |
| | 9 12 | 490 23 | | | | |
| 0+67 | | | 5 5 | 484 7 | Top Bank. | |
| * #2 = 0+76.4 | | | 5 3 | 485 2 | See Pg. 90 | |
| 1+00 | | | 6 9 | 483 3 | | |

76L298 S & E #307 9-54

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| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 490 23 | | | | |
| T.P. | | | 12 12 | 478 11 | | |
| | 0 46 | 478 57 | | | | |
| 1+50 | | | 3 1 | 475 5 | | |
| 1+83 6 Left 4.12 | | | 5 4 | 473 2 | Saddle See pg. 90 | |
| 2+00 | | | 6 1 | 472 5 | Bottom | |
| 4 ft 3 2+31.92 | | | 3 64 | 474 93 | See pg. 90 | |
| | [illegible] | [illegible] | | | | |
| 2+50 | | | 8 5 | 477 8 | | |
| T.P. | | | [illegible] | 485 89 | | |
| | 11 91 | 497 80 | | | | |
| 3+00 | | | 9 8 | [illegible] | | |
| T.P. | | | [illegible] | [illegible] | | |
| | 12 30 | 509 95 | | | | |
| 3+50 | | | [illegible] | 508 40 | | |
| T.P. | | | 0 62 | 509 33 | | |
| | 12 05 | 521 38 | | | | |
| 4+00 | | | 1 8 | 519 6 | | |
| T.P. | | | 0 36 | 521 02 | | |
| | 11 79 | 532 81 | | | | |

Profile Notes Red. _____ Plotted _____ Job No. 0075-04 Division No. 10 F. B. 2234 Pg. 95

No. _____ Date _____ Date _____ Survey of LUITWIELER RD.

X-Sec. Notes Chkd. Goss Checked _____ Survey by A. M. Hollerow Notes Newman Date 8 [illegible]

No. _____ Date _____ Date _____ Map No. _____ Ed. Johnson Date _____

76L298 S & E #307 9-54

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 532 81 | | | | |
| ∡ PT. = 4 4+59.65 ⊙ | | | 1 08 | 531 73 | See pg. 91 | |
| | 3 66 | 5~~39~~ 40 39 | | | | |
| ∡#3 - ∡#4 Line Prod. 87' | | | 1 3 | 53~~8~~9 1 | Top First Knoll See pg. 91 | |
| T.P. ∡#4 | | | | 531 73 | See above | |
| | 3 05 | 534 78 | | | | |
| 5+00 | | | 2 4 | 532 4[illegible] | | |
| 5+50 | | | 8 40 | 526 38 | | |
| T.P. | | | 11 79 | 522 99 | | |
| | 0 87 | 523 86 | | | | |
| 6+00 | | | 8 [illegible] | 51[illegible] 1 | | |
| T.P. | | | 11 78 | 512 08 | | |
| | 2 03 | 514 [illegible] | | | | |
| 6+50 | | | 10 4 | 503 7 | | |
| T.P. | | | 12 03 | 502 08 | | |
| | 11 82 | 513 90 | | | | |
| 7+00 | | | 16 [illegible] | 497 9 | Side of Saddle | |
| 7+50 | | | 10 2 | 503 7 | | |
| ∡#5 = 7+79.17 | | | 5 3 | 508 6 | See pg. 91 | |

F. B. 2234 Pg. 96

Job No. 0075.04 Division No. 10 Notes Red. Plotted Profile

Survey of LUITWIELER RD. Date Date No.

Survey by A.N. Hellstrom Notes Newman Notes Chkd. Goss Checked X-Sec.

Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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

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

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 513 90 | | | | |
| T.P. | | | 0 12 | 513 78 | | |
| | 11 08 | 524 86 | | | | |
| 8+00 | | | 12 3 | 512 6 | | |
| 8+50 | | | 3 1 | 521 8 | | |
| T.P. | | | 0 19 | 524 [illegible] | | |
| | 7 54 | 532 21 | | | | |
| [illegible] | | | 5 00 | [illegible] | See pg. 91 | |
| | | | 0 8 | 531 4 | Top Knee pr. pg. 91 | |
| A B | | | [illegible] | 526 93 | 1x1 A B pr. pg. 91 | |
| T.P. | | | 12 07 | 520 17 | | |
| | [illegible] | 520 61 | | | | |
| T.P. | | | 11 29 | 509 32 | | |
| | 1 00 | [illegible] | | | | |
| T.P. | | | 10 70 | 499.62 | | |
| | 2 77 | 502 39 | | | | |
| T.P. | | | 10 92 | 491 47 | | |
| | 3 75 | 495 22 | | | | |
| T.B.M. "R" | | | 3 47 | 491 7[illegible] | T.B.M. "R" - Elev. 491.70 - F.B. 691-230 & 98 Cr. Spk. In 30" Euc. Tree 6' South "S-5 (F.B. 691-81) | |

Profile Notes Red. _____ Plotted _____ Job No. 0075.04 Division No. 10 F. B. 2234 Pg. 97
No. _____ Date _____ Date _____ Survey of LUITWIELER RD.
X-Sec. Notes Chkd. Goss Checked _____ Survey by A. N. Hellstrom Notes Newman Date 8-57
No. _____ Date _____ Date _____ Map No. _____ Indexed Johnson Date _____

| | |
|---|---|
| Notes Ck'd by JFM | Survey of LUITWIELER R[illegible] F.B. 2234 Pg. 99 |
| Map No. B 2626 | JN 0075.04 Tape 0135 Std 68 |
| Office Work R. L. GREEN | Surveyed by A.N. Hellstrom |
| Checked J. AJA | Notes A.N.H. Date 2-11-58 |
| Date Sept. 1959 | Indexed [illegible] O. Johnson 3-13-58 |

J.N. #0075.04

LUITWIELER ROAD

FROM ANAHEIM-PUENTE ROAD
WESTERLY ; TYING IN TO ℄ LUITWIELER
ROAD AS PER F.B. 691-201-194
ALSO INTERS. FIFTH AVE PER
NEW ALIGNMENT J.N. 0075.48
(SEE OFFICE MAPS)

A.N. HELLSTROM
W.E. NEWMAN
C.W. ADAMS
T.J. MELENDEZ
J.W. POTTER

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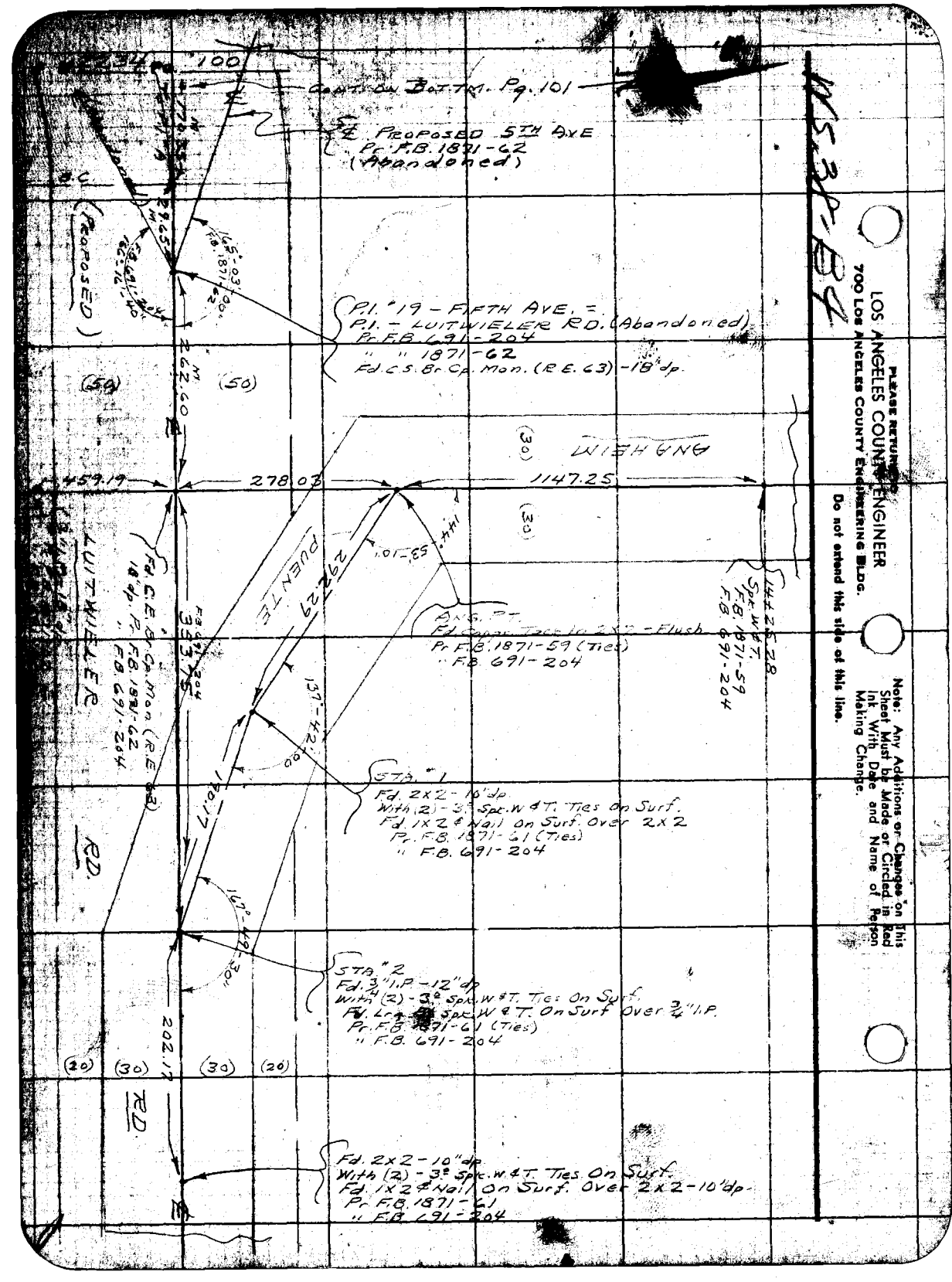
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

F6F3095 S&E 1247 1-56





LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
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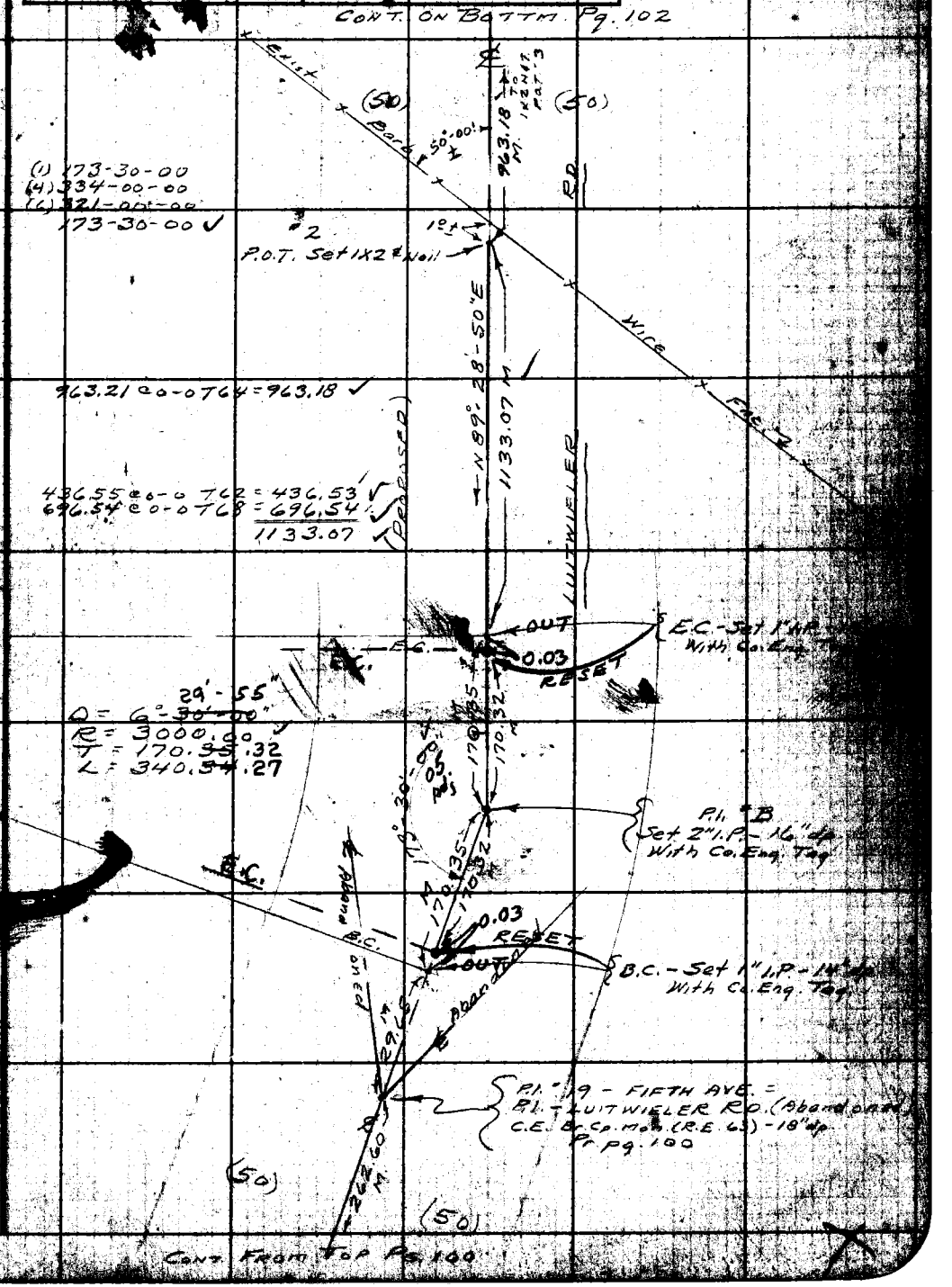
Notes Ck'd by JFM
Map No. B 2626
Office Work E. L. G[illegible]
Checked J. AJA
Date Sept. 1959

Survey of LUITWIELER RD.
JN 0075.04 Tape 0135 Std 68 °F
Surveyed by A.N. Hellstrom
Notes A.N.H. Date 2-11-58
Indexed A. C. Johnson

F. B. 2234 Pg. [illegible]

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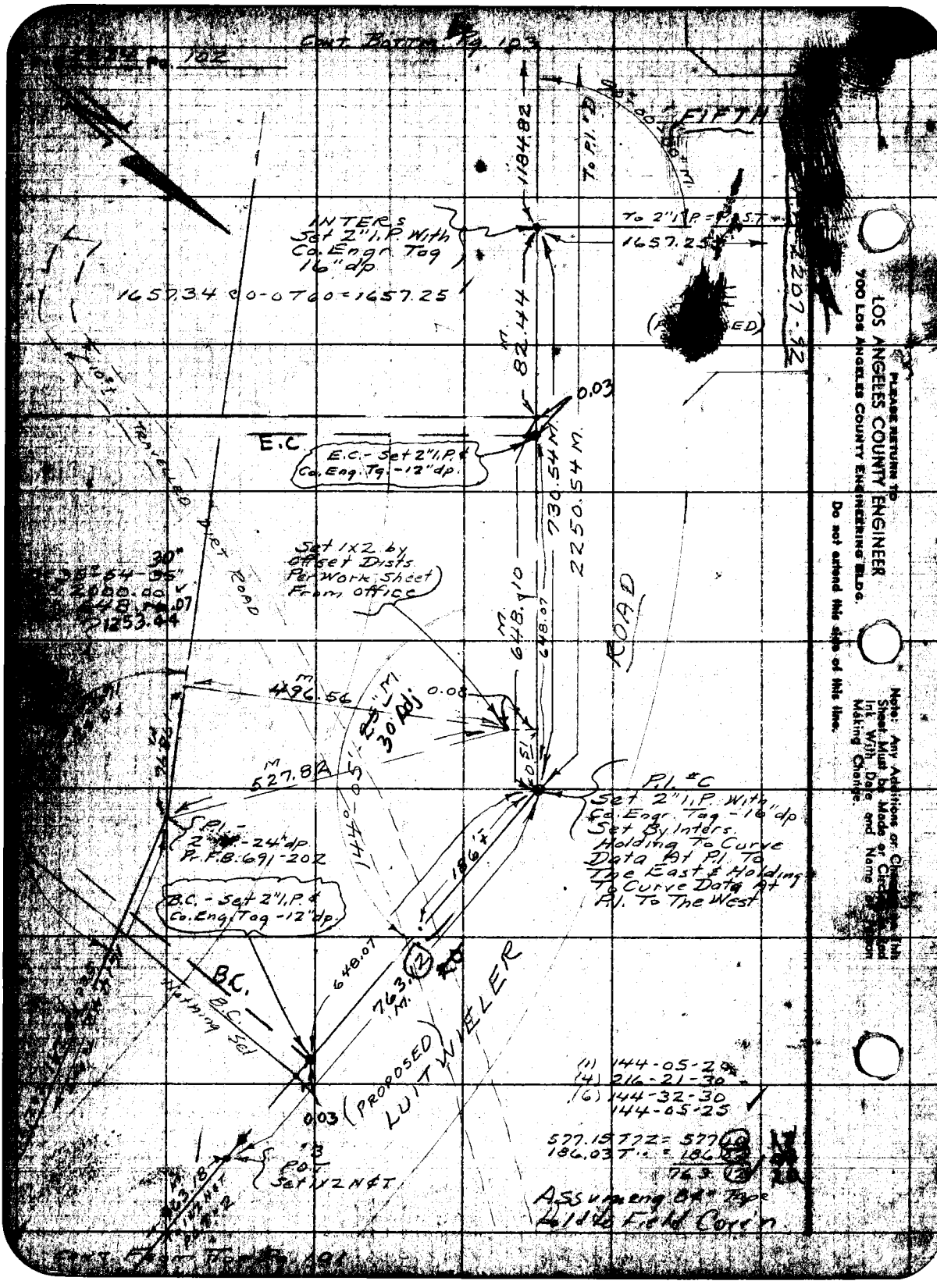
[illegible]GELES COUNTY ENGINEER
[illegible]GELES COUNTY ENGINEERING BLDG.

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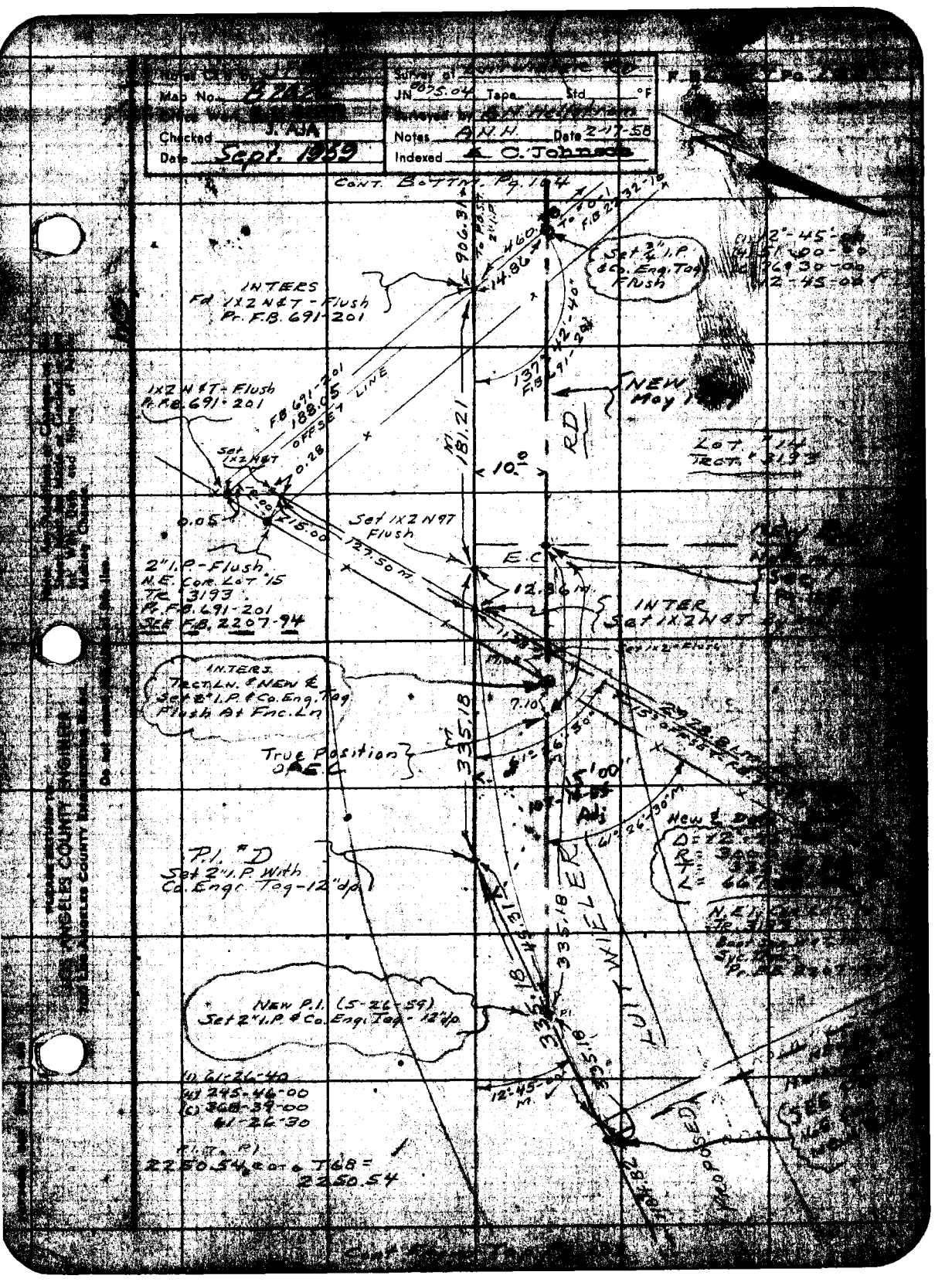
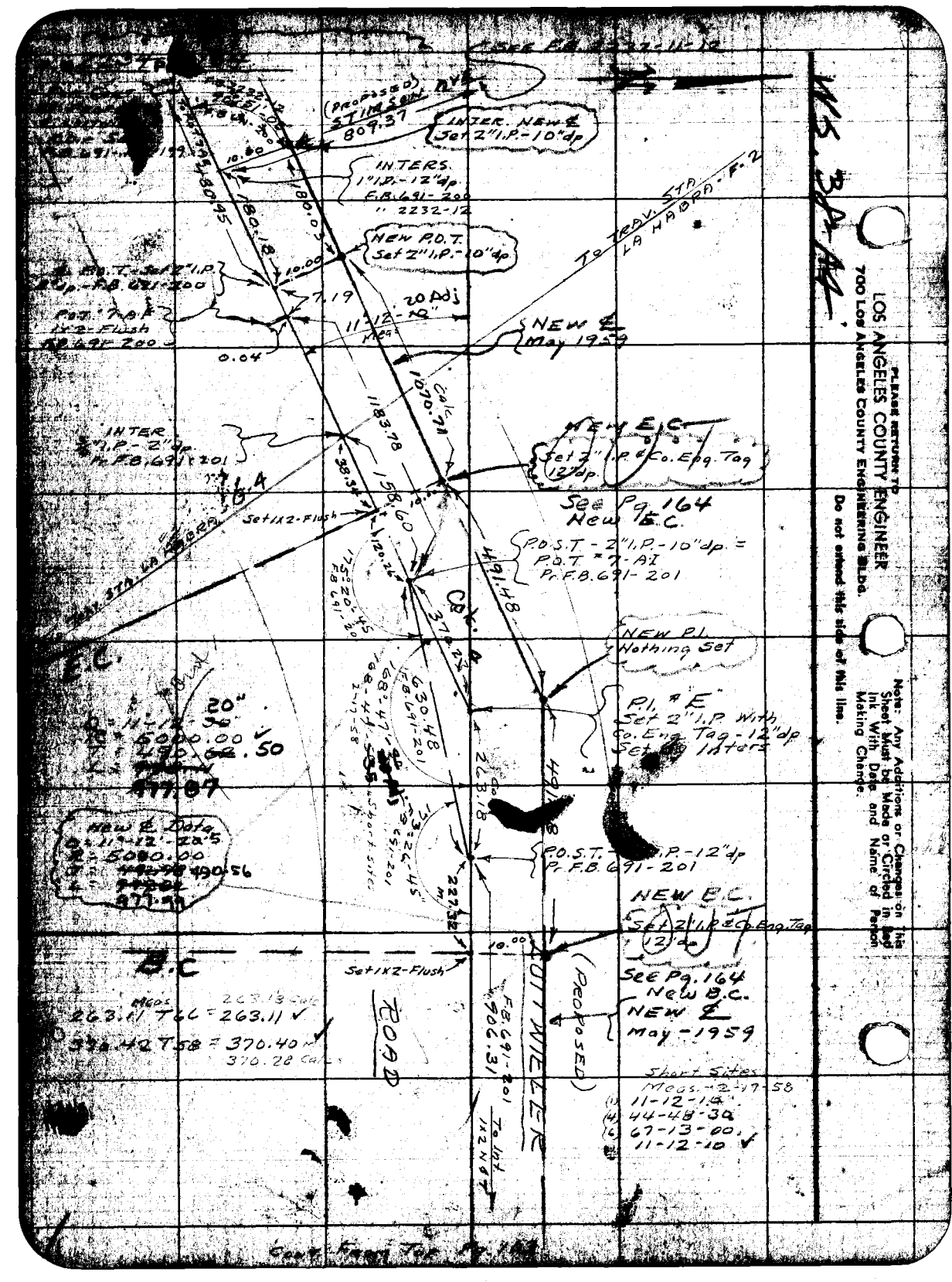


Map No. B2
Checked J. AJA
Date Sept. 1959
Survey of
JN 0075.04 Tape Std °F
Surveyed by
Notes A.N.H. Date 2-17-58
Indexed A. C. Johnson
CONT. BOTTM. Pg. 104
INTERS
Fd 1X2 N&T - Flush
Pr. F.B. 691-201
1X2 N&T - Flush
Pr. F.B. 691-201
FB 691-201
188.05
OFFSET LINE
Set 1X2 N&T
0.28
0.05
15.00
127.50 M.
Set 1X2 N&T
Flush
2" I.P. - Flush
N.E. Cor. Lot 15
TR 3193
Pr. F.B. 691-201
SEE F.B. 2207-94
906.31
460
14.86
Set 3/4" I.P.
& Co. Eng. Tag
Flush
137
42'-40"
F.B. 691-201
NEW
May 1
RD
181.21
10.0
LOT 14
TRCT. 3193
E.C.
12.86 M.
INTER
Set 1X2 N&T
INTERS
TRCT. LN. & NEW ℄
Set 2" I.P. & Co. Eng. Tag
Flush At Fnc. Ln
7.10
335.18
True Position
OF E.C.
15'00"
Adj
61°26'30"
P.I. #D
Set 2" I.P. With
Co. Engr. Tag - 12" dp
New ℄
D = 12
R = 300
T = 33
L = 66
LUTWIELER
335.18
NEW P.I. (5-26-59)
Set 2" I.P. & Co. Eng. Tag - 12" dp
(1) 61-26-40
(4) 245-46-00
(c) 368-39-00
61-26-30
P.I. (T. P.)
2250.54 @ 0+0 T68 =
2250.54
12'-45"
M.
PROPOSED
SEE
LOS ANGELES COUNTY ENGINEER



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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
WS 3A-A4
(PROPOSED) STIMSON AVE
809.37
INTER. NEW ℄ Set 2"I.P.-10"dp
INTERS. 1"I.P.-12"dp F.B.691-200 " 2232-12
NEW P.O.T. Set 2"I.P.-10"dp
TO TRAV. STA. LA HABRA - F.2
NEW ℄ May 1959
NEW E.C. Set 2"I.P. & Co. Eng. Tag 12"dp
See Pg. 164 New E.C.
P.O.S.T. - 2"I.P.-10"dp = P.O.T. #7-AI Pr. F.B.691-201
NEW P.I. Nothing Set
P.I. #E Set 2"I.P. With Co. Eng. Tag - 12"dp Set Inters
P.O.S.T. - I.P.-12"dp Pr. F.B.691-201
NEW B.C. Set 2"I.P. & Co. Eng. Tag 12"dp
See Pg. 164 New B.C.
NEW ℄ May - 1959
Set 1x2-Flush
B.C
ROAD
LUTTWIELER
(PROPOSED)
Short Sites Meas. - 2-17-58
(1) 11-12-10
(4) 44-48-30
(6) 67-13-00
11-12-10
Meas 263.11 T66 = 263.11
370.42 T58 = 370.40
370.28 Calc
Cont. From Top Pg. 163

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD. |
| Map No. B 2626 | JN 0075.04 Tape 121 Std 84 °F |
| Office Work R. L. GREEN | Surveyed by A.N. HELLSTROM |
| Checked J. AJA | Notes A.N.H. Date 3-3-59 |
| Date Sept. 1959 | Indexed [illegible] 3-12-59 |

F.B. 2234 Pg. 105

J.N. #0075.04

LUITWIELER ROAD.

FINAL ℄

FROM (MAR VISTA ST)

COLIMA RD. ~~& LA SEXTA ST~~ - INTERS.

TO

INTERS. HACIENDA BLVD.

THENCE

TO

INTER. OF 5TH AVE.

ALSO PROPERTY LN. TIES

&

BENCH MARKS Pgs. 105-164

A.N. HELLSTROM
F.E. BROOKS
J.W. POTTER
P.A. LATTERI
H.D. CIOCHON
R.A. SWANN

RETURN TO
LOS ANGELES COUNTY ENGINEER
1700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

7673096 CE #247—3-57

CONT. ON BOTTM. PG. 109 (107)

F.B. 2294 Pg. 106

MS 32-06

(1) 166.20 @ 3-08 T66 = 165.93
(2) 166.24 @ 3-21 T " = 165.94

(1) 113.60 @ 2-50 T66 = 113.45
(2) 113.68 @ 3-31 T " = 113.46

279.39

Chng. Pt. "A"

Set Nail In Tree Stump.
NEW BC. CURVE "1"

Nothing Set (Excavating Going)

(1) 266.39 @ 3-30 T64 = 265.86
(2) 266.33 @ 3-18 T " = 265.86

265.86

℄ Data
Δ = 53-09-30
R = 170
T = 85.05

LUITHWIELER RD

279.39

265.86

132.67

Fd. 2" I.P. Flush
Leans N'ly
Tag R.E. 4823
Pr. Tract "15348

39.90

27.68

0.24

FINAL ℄
Fd. P.K. Nail
Replaced P.K. With
Lead Bt. Spk. W. & T.

40.00

40.24

Good Shape
Fd. 2" I.P. Flush
Tag R.E. 4823
Pr. Tract "15348

Set Lead Bt. Spk.
0.34 Dist.
from
2" I.P.

0.40

Fd. Bt. Spk. W. & T.
Pr. F.B. 2131-20

0.16

150.23
F.B. 2131-20-21

Fd. Lrg. Bt. Spk. W. & T. - 1" Up
Pr. F.B. 2131-250
" Tr. "24477

LOT "74

Set Spk. W. & T.
By Inters.

(1) 42-59-10
(2) N 357-56-30
(3) N 179-54-40
Δ = 57-07
LOT "75

TR. "15348

N 59-03-00" W

LINE 7

ROAD

FINAL ℄
℄ LUITHWIELER RD
Pr. C.S. B-1717
" Tract 15348
As Close As Can Be Re Estab

LOT "73

TR. "15348

200.64 M

404.80 M

Tract "15348
N-19-39-30" W

℄ Pr. F.B. 2131-19-20
This Ties Survey In
F.B. 2131 To This
Survey See F.B. 2131-250

LOT "76

Std 68" F

404.73 @ 0-0 T74 = 404.80

COLIMA

(40)

Fd. Bt. Spk. W. & T.
Pr. F.B. 2131-20

0.49

(40)

LOT "72

TRANSIT

℄

Set 3/4" I.P. With C.O. Eng. Tag
FINAL ℄

574.85
F.B. 2131-20

LOT "77

Good Shape
Fd. 2" I.P. Flush
Tag R.E. 4823
Pr. Tract "15348

90°

40.24

40.24

40.00

0.02

Fd. 2" I.P.
Tag R.E. 4823
Pr. Tract 15348
Found This Pipe
To Be Leaning N'ly

Fd. Lrg. Bt. Spk.
W. & T.
No Ref.

Set Spk. W. & T.
Midway Between
Found

LOT "71

Not Tan
Prod

890.46 = Tan.

Fd. Bt. Spk. W. & T.
Pr. F.B. 2131-19

(7)

P.I.F. 1" I.P.
Pr. Tract 15348
Not Rd.

RETURN TO
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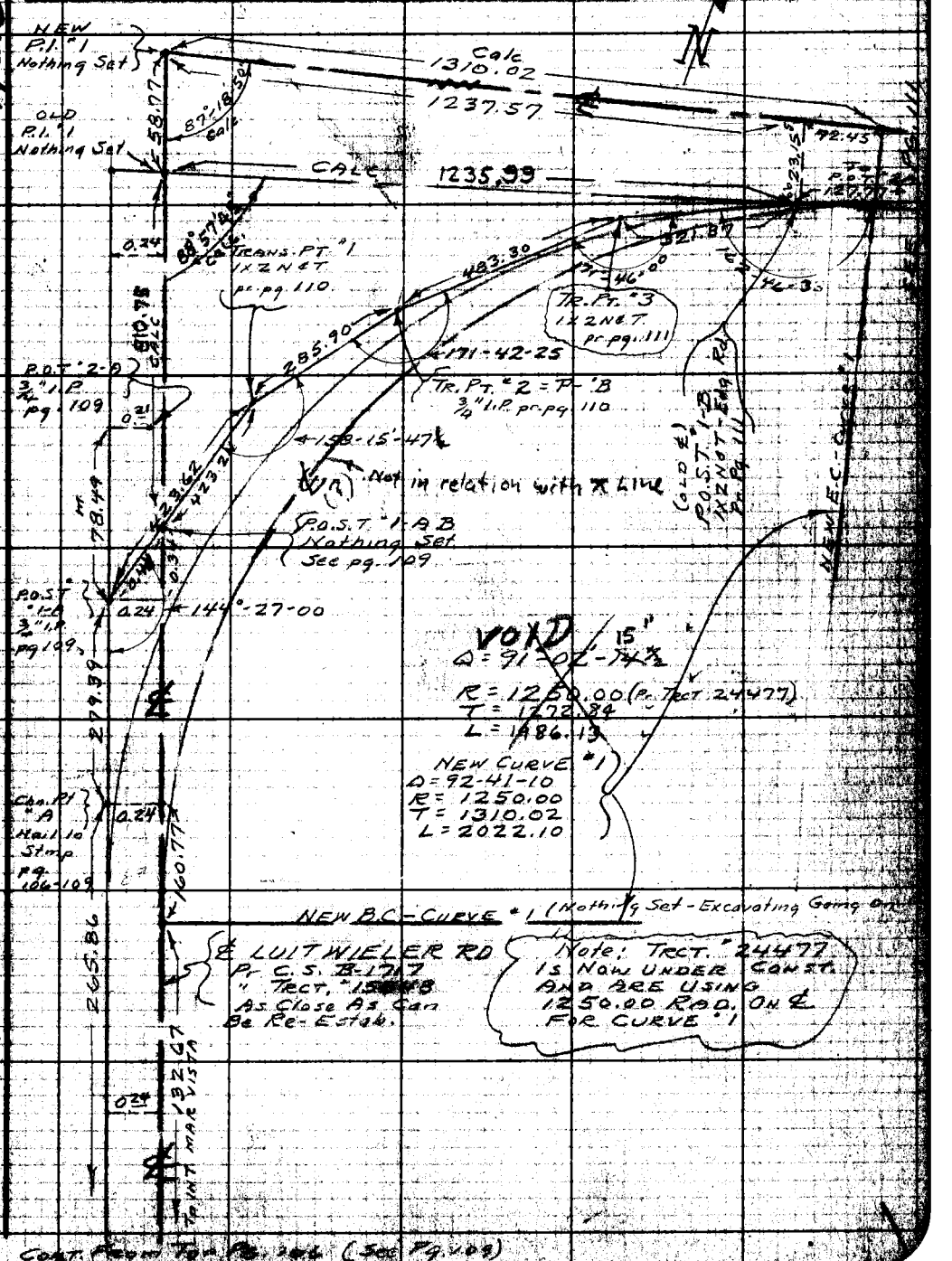
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes into the field of the Map.

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

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD. |
| Map No. B 2626 | JN 2075.04 Tape 121 Std 84 °F |
| Office Work R. L. GREEN | Surveyed by A.N. HELLSTROM |
| Checked J. AJA | Notes A.N.H. Date 3-12-59 |
| Date Sept. 1959 | Indexed [illegible] C. Johnson |

F. B. 2234 PG. 107




Cont. From Top Pg. 106 (See Pg. 109)

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

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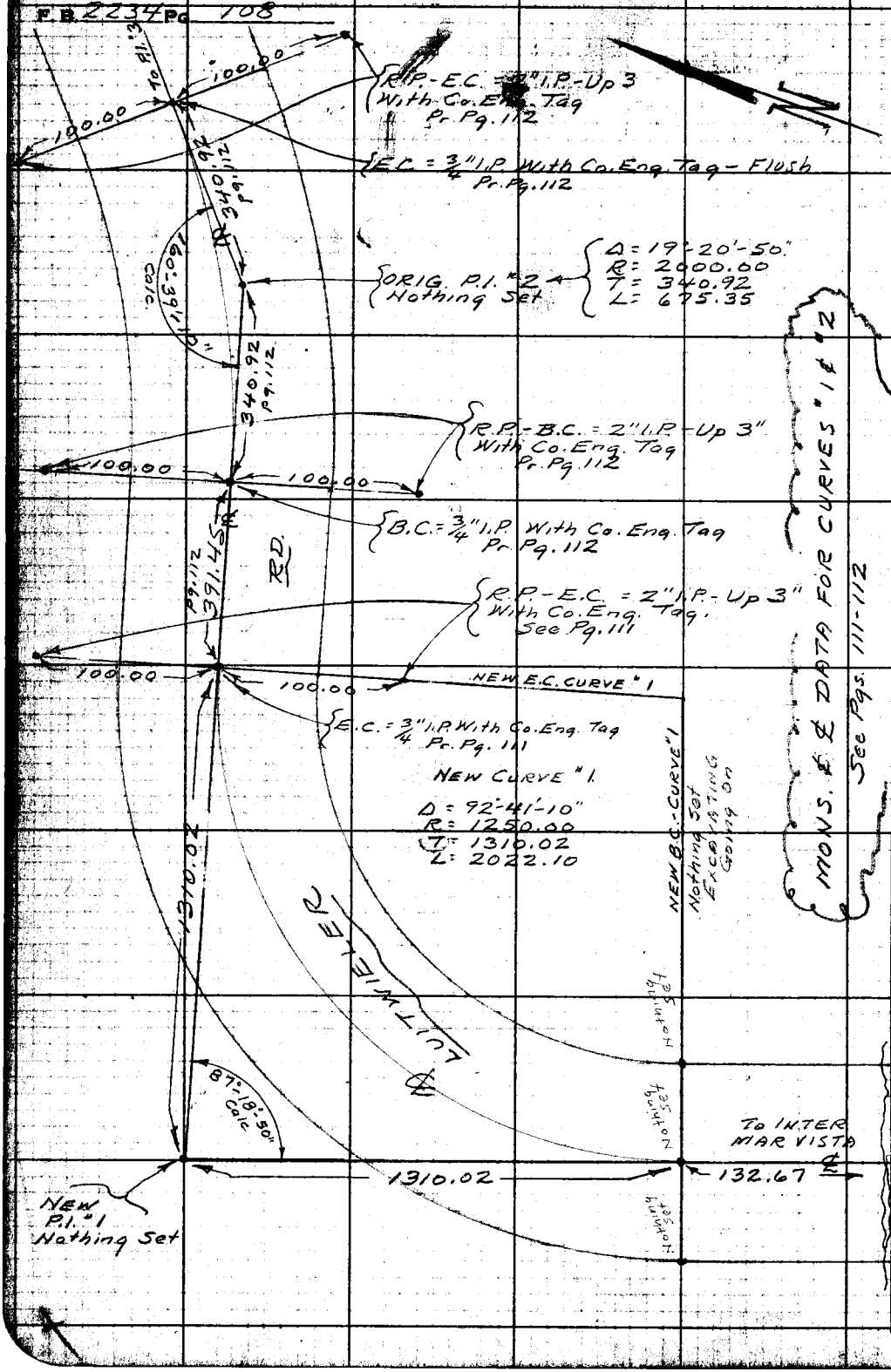
RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

F.B. 2234 Pg. 108




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

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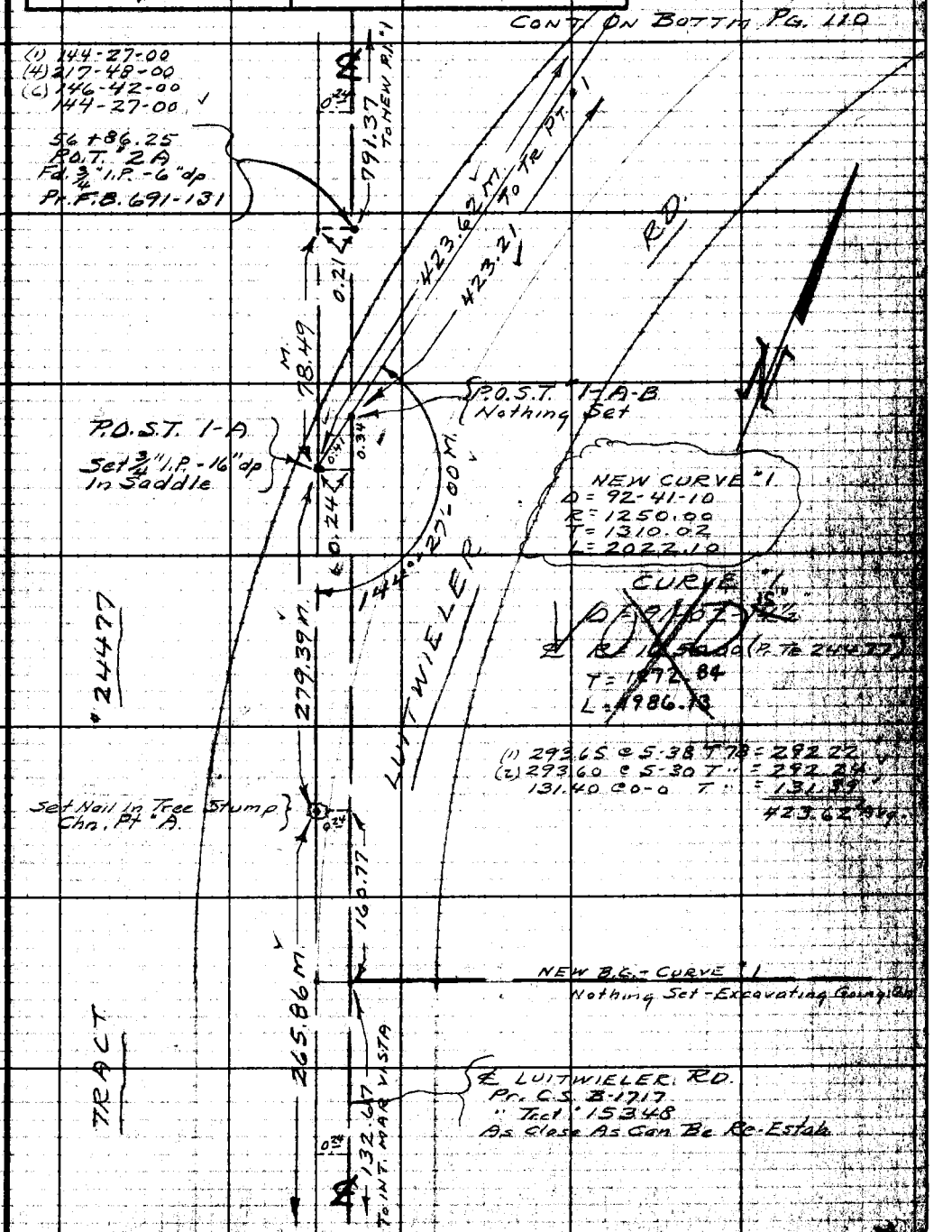
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD |
| Map No. B 2626 | JN 0075.04 Tape 121 Std. 84 °F |
| Office Work R. L. GREEN | Surveyed by A.N. Hellstrom |
| Checked J. AJA | Notes A.N.H. Date 3-10-59 |
| Date Sept. 1959 | Indexed [illegible] |

F. B. 2234 Pg. 109




CONT. FROM TOP PG. 106 - (See pg. 107)

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

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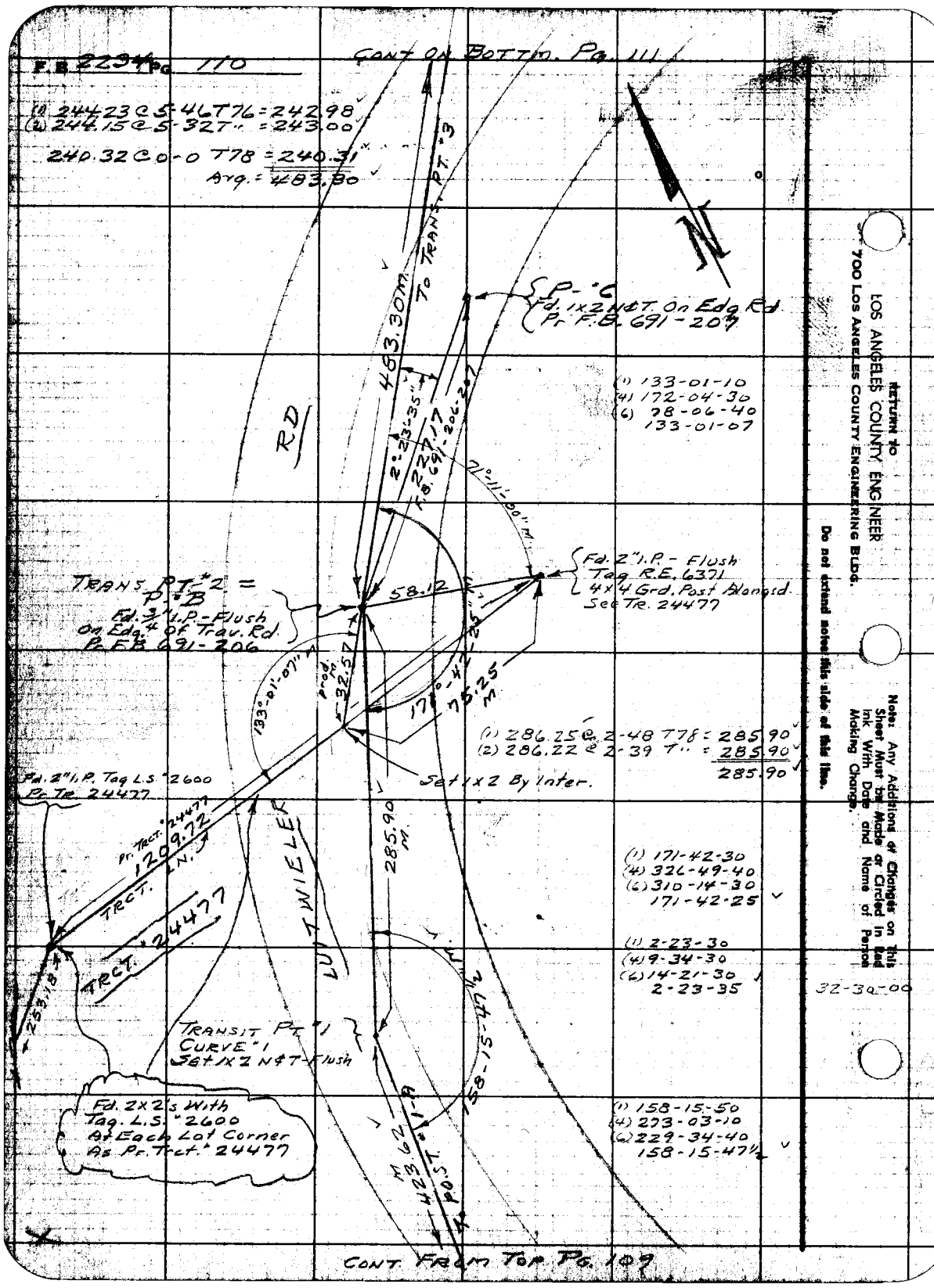
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247 3-57


F.B. 2234 Pg. 110
CONT ON BOTTM. Pg. 111
(1) 244.23 @ 5-46 T76 = 242.98
(2) 244.15 @ 5-32 T" = 243.00
240.32 @ 0-0 T78 = 240.31
Avg. = 483.30
TO TRANS. PT. #3
483.30 M.
P-#6
Fd. 1x2 N&T. On Edg Rd
Pr. F.B. 691-207
(1) 133-01-10
(4) 172-04-30
(6) 78-06-40
133-01-07
RD
2°-23'-35"
227.17
F.B. 691-206-207
71°-11'-00" M.
Fd. 2" I.P. - Flush
Tag R.E. 6371
4x4 Grd. Post Alongsd.
See Tr. 24477
TRANS. PT. #2 = P.#B
Fd. 3/4" I.P. - Flush
On Edg. of Trav. Rd.
Pr. F.B. 691-206
58.12
133°-01'-07" M.
prod. 32.57
171°-42'-25"
75.25 M.
(1) 286.25 @ 2-48 T78 = 285.90
(2) 286.22 @ 2-39 T" = 285.90
285.90
Set 1x2 By Inter.
Fd. 2" I.P. Tag L.S. #2600
Pr. Tr. 24477
Pr. Tract. #24477
1209.72
TRCT. LN.
TRCT. #24477
LUTWIELER
285.90 M.
(1) 171-42-30
(4) 326-49-40
(6) 310-14-30
171-42-25
(1) 2-23-30
(4) 9-34-30
(6) 14-21-30
2-23-35
32-30-00
253.18
TRANSIT PT. #1
CURVE #1
Set 1x2 N&T-Flush
158-15-47½
Fd. 2x2's With
Tag. L.S. #2600
At Each Lot Corner
As Pr. Tract. #24477
423.62 M.
P.O.S.T. #1-A
(1) 158-15-50
(4) 273-03-10
(6) 229-34-40
158-15-47½
CONT. FROM TOP Pg. 109
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700 LOS ANGELES COUNTY ENGINEERING BLDG.
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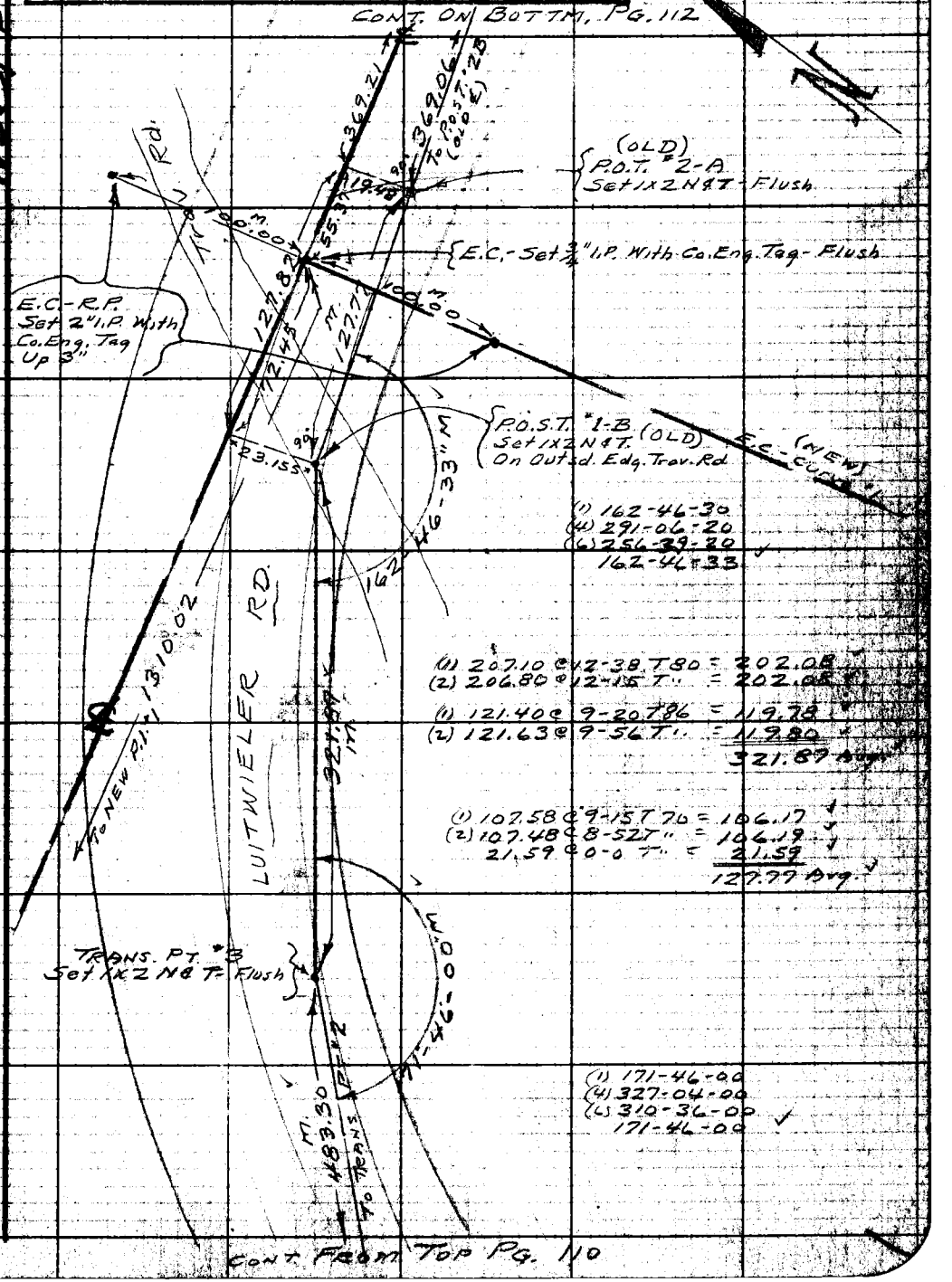
| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD |
| Map No. B2626 | JN 0075.04 Tape 121 Std 84 °F |
| Office Work R. L. GREEN | Surveyed by A.N. Hellstrom |
| Checked J. AJA | Notes A.N.H. Date 3-10-59 |
| Date Sept. 1959 | Indexed C. Johnson |

F.B. 2234 Pg. 111

W.S. 37-D6

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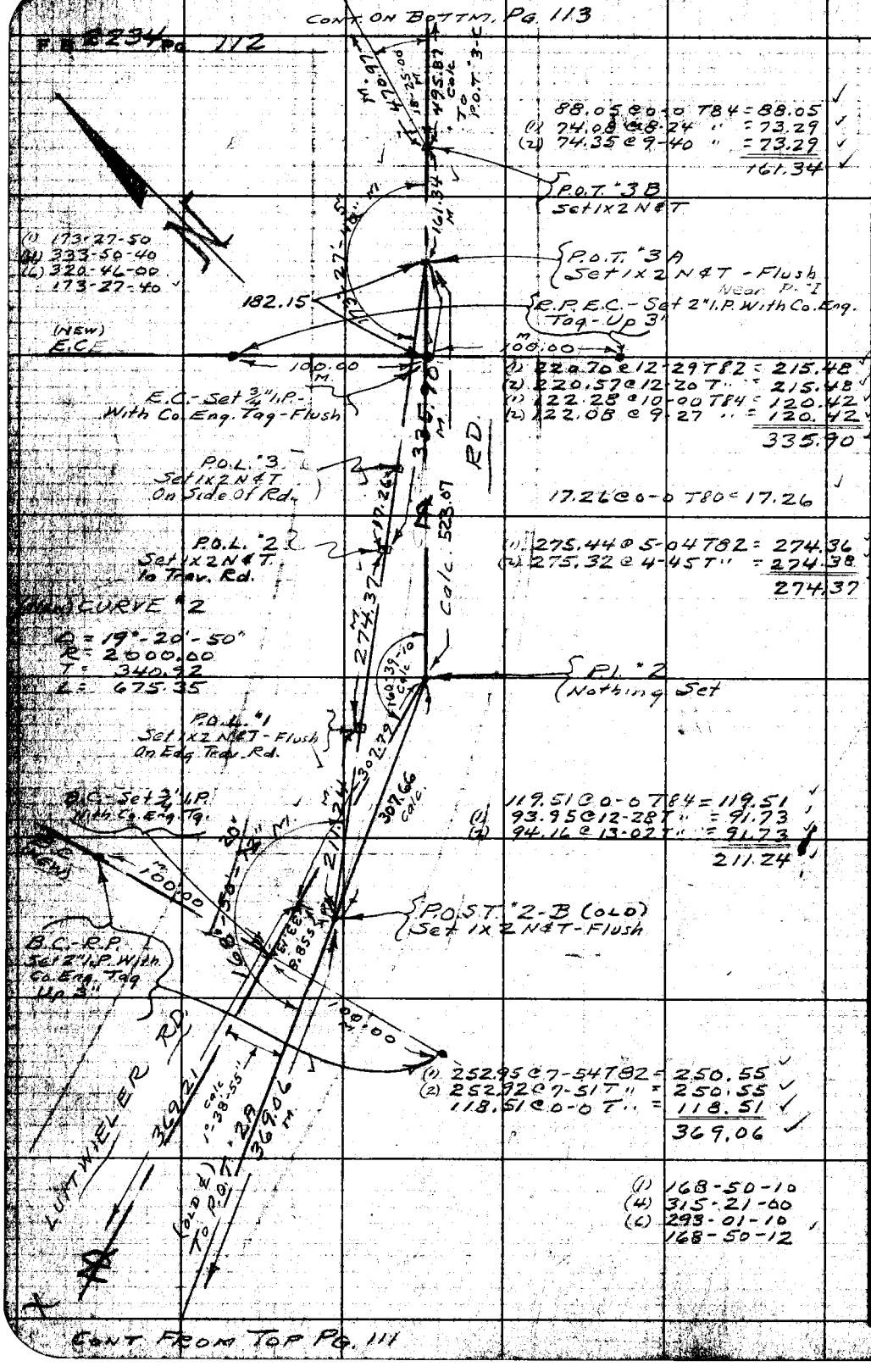
RETURN TO LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3083 CE #247—3-57

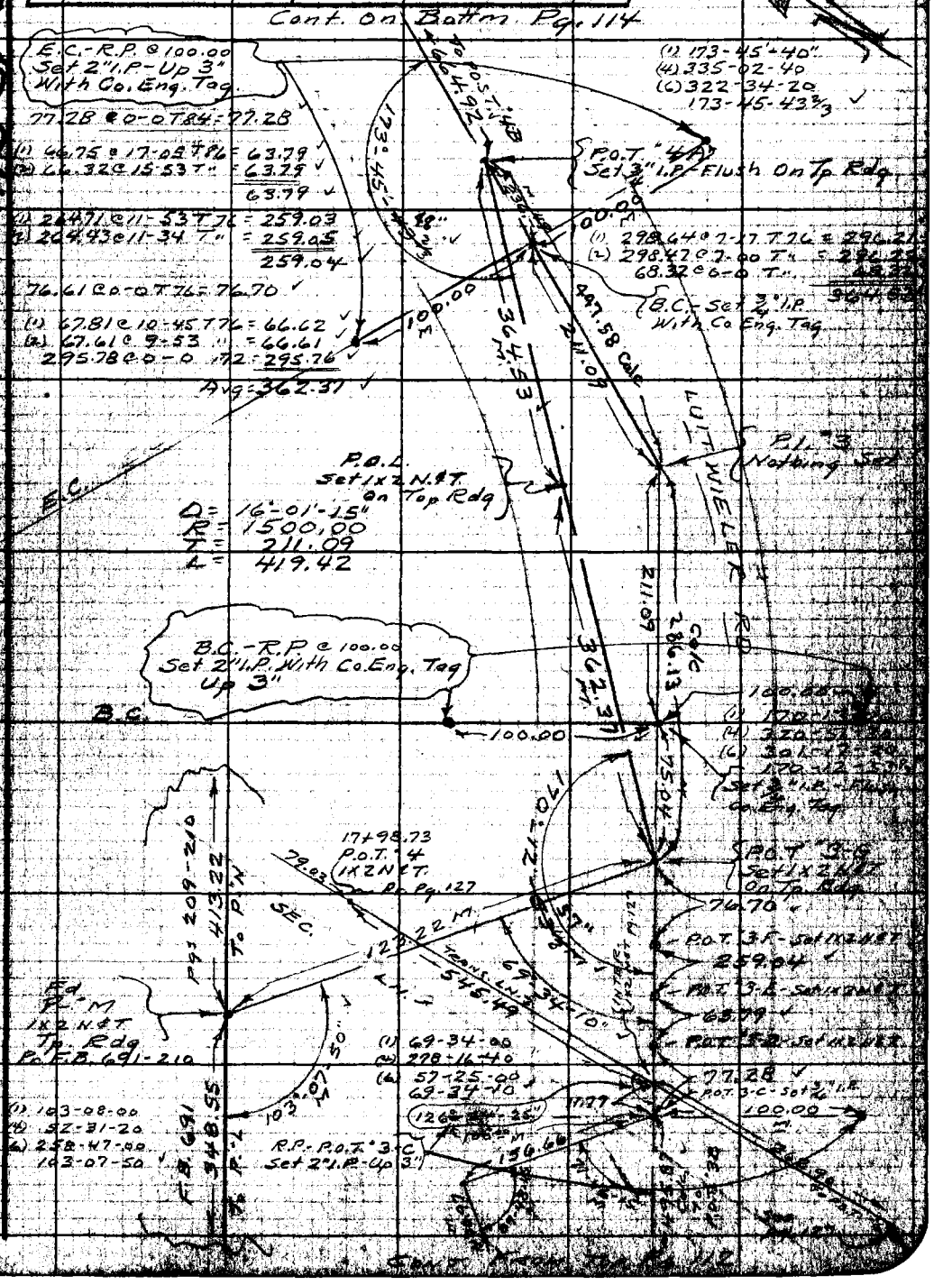

CONT. ON BOTTM. PG. 113
F.B. 2234 PG. 112
88.05 @ 0-0 T84 = 88.05
(1) 74.08 @ 8-24 " = 73.29
(2) 74.35 @ 9-40 " = 73.29
161.34
P.O.T. "3B
Set 1x2 N&T
(1) 173-27-50
(4) 333-50-40
(6) 320-46-00
173-27-40
P.O.T. "3A
Set 1x2 N&T - Flush
Near P. "I
182.15
R.P. E.C. - Set 2" I.P. With Co. Eng. Tag - Up 3"
(NEW) E.C.
100.00
(1) 220.70 @ 12-29 T82 = 215.48
(2) 220.57 @ 12-20 T " = 215.48
(1) 122.28 @ 10-00 T84 = 120.42
(2) 122.08 @ 9-27 " = 120.42
335.90
E.C. - Set 3/4" I.P. - With Co. Eng. Tag - Flush
P.O.L. "3
Set 1x2 N&T
On Side Of Rd.
17.26 @ 0-0 T80 = 17.26
P.O.L. "2
Set 1x2 N&T
In Trav. Rd.
(1) 275.44 @ 5-04 T82 = 274.36
(2) 275.32 @ 4-45 T " = 274.38
274.37
CURVE #2
Δ = 19°-20'-50"
R = 2000.00
T = 340.92
L = 675.35
P.I. "2
Nothing Set
P.O.L. "1
Set 1x2 N&T - Flush
On Edg. Trav. Rd.
B.C. - Set 3/4" I.P. With Co. Eng. Tg.
119.51 @ 0-0 T84 = 119.51
(1) 93.95 @ 12-28 T " = 91.73
(2) 94.16 @ 13-02 T " = 91.73
211.24
P.O.S.T. "2-B (OLD)
Set 1x2 N&T - Flush
B.C. - R.P. Set 2" I.P. With Co. Eng. Tag Up 3"
100.00
(1) 252.95 @ 7-54 T82 = 250.55
(2) 252.92 @ 7-51 T " = 250.55
118.51 @ 0-0 T " = 118.51
369.06
(1) 168-50-10
(4) 315-21-00
(6) 293-01-10
168-50-12
LUTTWIELER RD.
369.21
369.06
(OLD ℄) TO P.O.T. "2A
RD.
Calc. 523.07
335.90
274.37
211.24
307.66 calc.
307.79
160.39-10 calc.
91.58
90.57
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Name of Person
CONT. FROM TOP PG. 111

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD |
| Map No. B2626 | JN 0075.04 Tape 121 Std. 84 °F |
| Office Work R. L. GREEN | Surveyed by A. N. Hellstrom |
| Checked J. AJA | Notes A.N.H. Date 5-12-59 |
| Date Sept. 1959 | Indexed [illegible] |

F. B. 2234 Pg. 119

W5 57-D6

Cont. On Bottm Pg. 114




Cont. From Pg. 112

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

F.B. 2234 Pg. 114

Cont. On Bottom Pg. 115

WS 37-D5

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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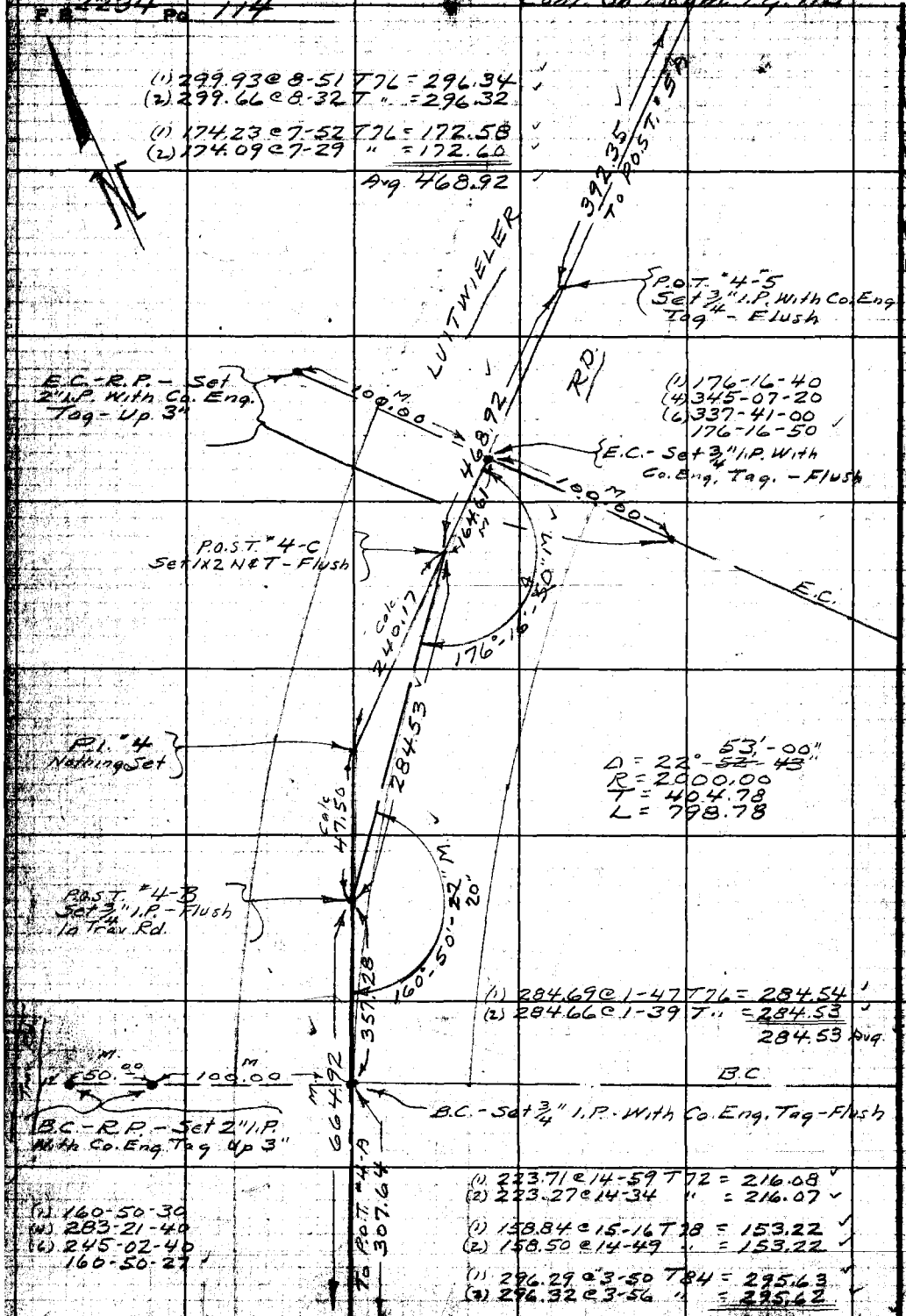
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.




Cont. From Top Pg. 113

Notes Ck'd by Gally
Map No. B2620
Office Work R. L. GREEN
Checked J. AJA
Date Sept. 1959

Survey of LUITWIELER RD.
JN 0075:04 Tape 121 Std 84 °F
Surveyed by A.N. Hellstrom
Notes A.N.H Date 3-17-59
Indexed C. Johnson 2-8-59

F.B. 2234 Pg. 115

CONT. ON BOTTOM PG. 116

See pgs 120-121

P.O.S.T. 5-B To P.O.T. 6-B
(1) 248.93 @ 5-42 T 70 = 247.70
(2) 248.68 @ 5-01 T
(3) 248.88 @ 5-32 T " = 247.70

(1) 203.42 @ 4-50 T 68 = 202.68
(2) 203.55 @ 5-16 T " = 202.67
450.37

P.O.S.T. 5-B
Set 3/4" I.P. - Flush

SECTION LINE

Pl. #5
Nothing Set

E. #5
INTERS
3/4" I.P. - Flush
Pr. pg. 120

07-50
Δ = 26-08-10
R = 3000.00
T = 696.21
L = 1368.19

(1) 161-12-00
(4) 284-48-00
(6) 247-12-20
161-12-00

E. #4
1X2 N.&T.
Pr. pg. 120

P.O.S.T. 4-B
Set 1X2 N.&T. - Flush

B.C. - Set 3/4" I.P. With Co. Eng. Tag

B.C.

5A - To INTERS

100.00 M.

100.00 M.

B.C. - R.P. - Set 2" L.P.
With Co. Eng. Tag
Up 3"

(1) 108.75 @ 5-16 T 68 = 108.28
(2) 108.69 @ 4-58 " = 108.27

(1) 153.63 @ 12-58 T 70 = 149.70
(2) 153.36 @ 12-33 T " = 149.68

(1) 115.83 @ 19-41 T 70 = 109.05
(2) 115.26 @ 18-54 " = 109.04

(1) 293.29 @ 1-37 T 70 = 293.14
(2) 293.25 @ 1-21 " = 293.14

(1) 66.43 @ 9-14 T 70 = 65.56
(2) 66.17 @ 7-42 T " = 65.56
725.71

P.O.S.T. 4-B To P.O.S.T. 5A
(1) 225.68 @ 4-15 T 76 = 225.05
(2) 225.72 @ 4-37 T 76 = 225.03
(1) 167.80 @ 4-17 T 70 = 167.31
(2) 167.71 @ 3-52 T " = 167.31
392.35

392.35

LUITWIELER

To P.O.T. 14-5

(1) 172-39-40
(4) 330-39-00
(6) 273-58-40
172-39-46 ?

Cont. From Top Pg. 114

REFERENCE TO
LOS ANGELES COUNTY ENGINEER
2400 Los Angeles County Engineering Bldg.

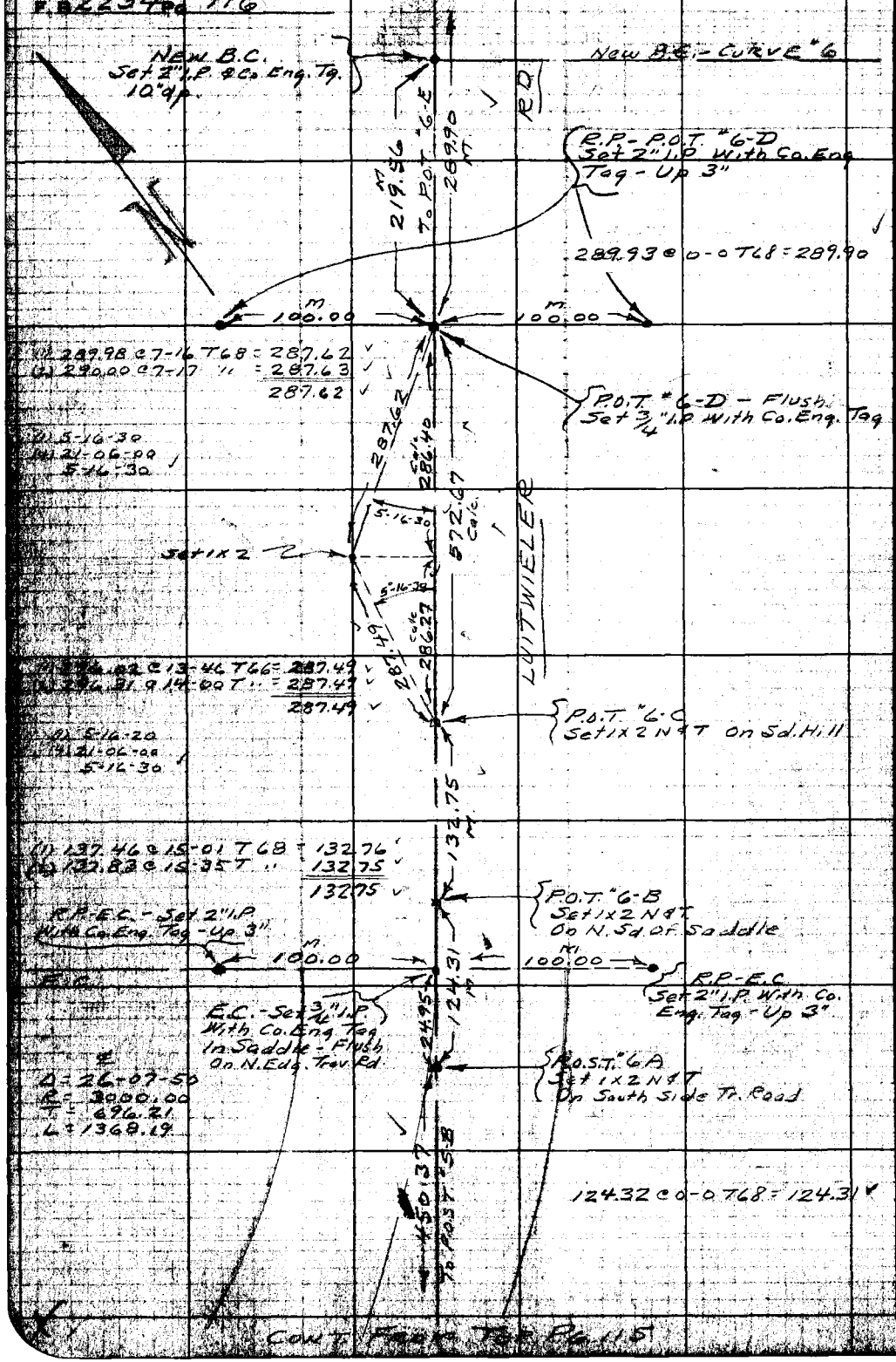
Do not remove this stamp or any part of it.

Check Any Discrepancy in Data
Report Errors in Work to Chief of Party
List Work Date and Name of Person
Making Check.

TELEBOOK CE #847—3-47

CONT. BOTTM. PG. 117

F.B. 2234 PG. 116




CONT. FROM TOP PG. 115

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Gell
Map No. B2Z2
Office Work A. T. GREEN
Checked J. AJA
Date Sept. 1959

Survey of WHITTIER RD
JN 6075.04 Tape 121 Std 84 °F
Surveyed by [illegible]
Notes B.N.H. Date 3-18-59
Indexed K. C. Johnson

F.B. 2234 pg. 77

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

Do not extend this side of this line.

LOS ANGELES COUNTY ENGINEERS
2000 Los Angeles County Engineering Bldg.

(1) 45-55-40
(4) 193-42-40
(6) 275-34-00
45-55-40 ✓

This Tangent Not Yet Established It Will Tie In To Construction East Of HACIENDA BLVD

E.C.

(1) 6-11-20
(4) 24-44-00
(6) 37-06-00
6-11-00 ✓

NEW ℄ See Pg. 118

℄ LINE See Pg. 118

Fd. P.I. A-1 3/4" I.P. - 3" dp. Pr. F.B. 691-196 109+04.40 From Back

NEW CURVE "G"
Δ = 47-31-20
R = 1800.00
T = 792.44
L = 1492.95

(1) 90°-00'-00
(4) 360-00-00
(6) 180-00-00
90-00-00 ✓

(1) 77.73 @ 3-30 T 64 = 76.87 ✓
(2) 77.71 @ 3-51 T " = 76.87 ✓
76.87

NEW BL. C
Pg. 118

N 21°-11'-20" W

45°-55'-40" M. This is Not Delta

167.96 M.

F.B. 691-196

Tract Ln. Tr. "11120" See Pg. 155

(1) 154-58-20
(4) 259-53-20
(6) 209-50-10
154-58-20

(1) 96-11-20
(4) 24-45-20
(6) 217-07-20
96-11-20

P.O.S.T. "6-H" See Pg. 118

1X2 NAT.

P.O.S.T. "6-G" Set 2" I.P. With Co. Eng. Tag. In Cut Bnk. of Road. (CAMINO AVE.)

76.87 M

P.O.S.T. "6-F" Set 3/4" I.P. - Flush

1602+97.05

P.O.T. "4" 6"x2" NAT. At Edg. Tract Rd. Pr. F.B. 691-195

From 1X2 NAT Tuds P.O.S.T. 7A

(1) 296.16 @ 3-32 T 68 = 295.57 ✓
(2) 296.26 @ 3-53 " = 295.55 ✓

186.93 @ 0-07 T 62 = 186.90 ✓
119.29 @ 0-07 " = 119.28 ✓
601.74 Avg

601.74 M

6-11-00

P.O.T. "6-E" Set 3/4" I.P. - Flush

(1) 86.52 @ 13-00 T 66 = 64.81
(2) 64.85 @ 12-20 T " = 64.81
64.81

64.81 M

(1) 204.23 @ 6-38 T 76 = 204.84
(2) 204.39 @ 7-00 T = 204.84
204.84

90°-00'-00"

Set 1X2 NAT.

96°-11'-20"

(1) 21-49-00
(4) 207-15-20
(6) 135-42-00
21-49-00

LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
PLEASE RETURN TO
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Checked in Ink With Date and Name of Person Making Change.

| | |
|---|---|
| Notes Ck'd by Gatti | Survey of LUITWIELER RD. |
| Map No. B2626 | JN 0075.04 Tape ____ Std ____ °F |
| Office Work R. L. GREEN | Surveyed by A.N. HELLSTROM |
| Checked J. AJA | Notes A.N.H. Date 4-27-59 |
| Date Sept. 1959 | Indexed R. C. Johnson 6-15-59 |

F. B. 2234 PG. (118-A)

J.N. 0075.04

LUITWIELER ROAD

SURVEY TO TIE-IN ℄ LUITWIELER RD.

TO

SECTION LINES & TRCT. LINES

FROM

INTERS. COLIMA RD. & MAR VISTA ST.,

TO

HACIENDA BLVD.

SEC. LINE - SECS. - 24-25 T2S R11W Pages 119-123

SEC. LINE - SECS. - 25-26 T2S R11W Pages 126-128

A.N. HELLSTROM
F.E. BROOKS
P.A. LATTERI
H.D. CIOCHON

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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

76F3098 S&E #247 1-56

76FS0SS CE #247—3-57

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WS 37-D5

Notes Ck'd by: Gill
Map No. B 2676
Office Work: R. L. LEHEN
Checked: J. AJA
Date: Sept. 1969

Survey of: LUTHWHELER RD.
JN 0675.04 Tape "B5" Std. 84° of
Surveyed by: A.N.H. 11/5/4/1969
Notes: A.N.H.
Indexed: K. C.
Date: 2-4-59

F.B. 2234 Pg. 114

SEC. 23
Fd. 5" Casing
With Cmnt. Cntr
& Cut Spk - Flush
Pr. Pg. 126
COMPROMISE COR.
Pr. C.S. 2-436

SEC. 24

E-1
Set 1x2 N&T
At Fnc. Corn
12+92.38

E-2
Set 1x2 N&T
At Fnc. Cor.
17+32.40

FNC. Z

Calc.
1292.38

M.
440.02

FNC. Z

0.39'

1.93

561.61
M.
To E-3

LINE

TRANS.

52-29-00

P.O.T. #1
Set 1x2 N.
Flush
at 90 going E.

SEC. 24
SEC. 25

SEC. COR.
Fd. 5" Casing
With Cmnt. Cntr
& Cut Spk. & T. - Flush
Pr. Pg. 126
SEC. COR.
23-24-25-26
T2S R11W
Pr. C.S. 2-436
Pr. C.S. 8842-2

Fd. 2" I.P. Engraved 3"
With 4x4 Post Along side
Mixed. H.J. P.O.

(1) 101.97 @ 9-00 T64 = 100.70
(2) 102.22 @ 9-48 " = 100.72

45.00 @ 0-0 T " = 45.00

(1) 296.32 @ 6-37 T66 = 294.32
(2) 296.16 @ 6-22 T " = 294.30

Avg = 440.02

Cont. Bottom Next Pg. 120

SEC. 26
T2S-R11W

SEC. 25

(1) 52-29-00
(4) 209-56-40
(6) 314-55-00
52-29-10

(1) 90-00-00
(4) 359-59-50
(6) 179-59-40
89-59-59

(1) 37-31-00
(4) 154-04-00
(6) 225-45-00
37-30-55

(1) 75.71 @ 10-45 T66 = 74.37
(2) 76.00 @ 11-50 " = 74.37

(1) 297.34 @ 11-54 T62 = 296.91
(2) 297.74 @ 12-16 T " = 296.90

(1) 49.47 @ 5-02 T62 = 49.27
(2) 49.60 @ 6-31 T " = 49.27

147.07 @ 0-0 T62 = 147.07
~~149.67~~

Avg. = 561.61

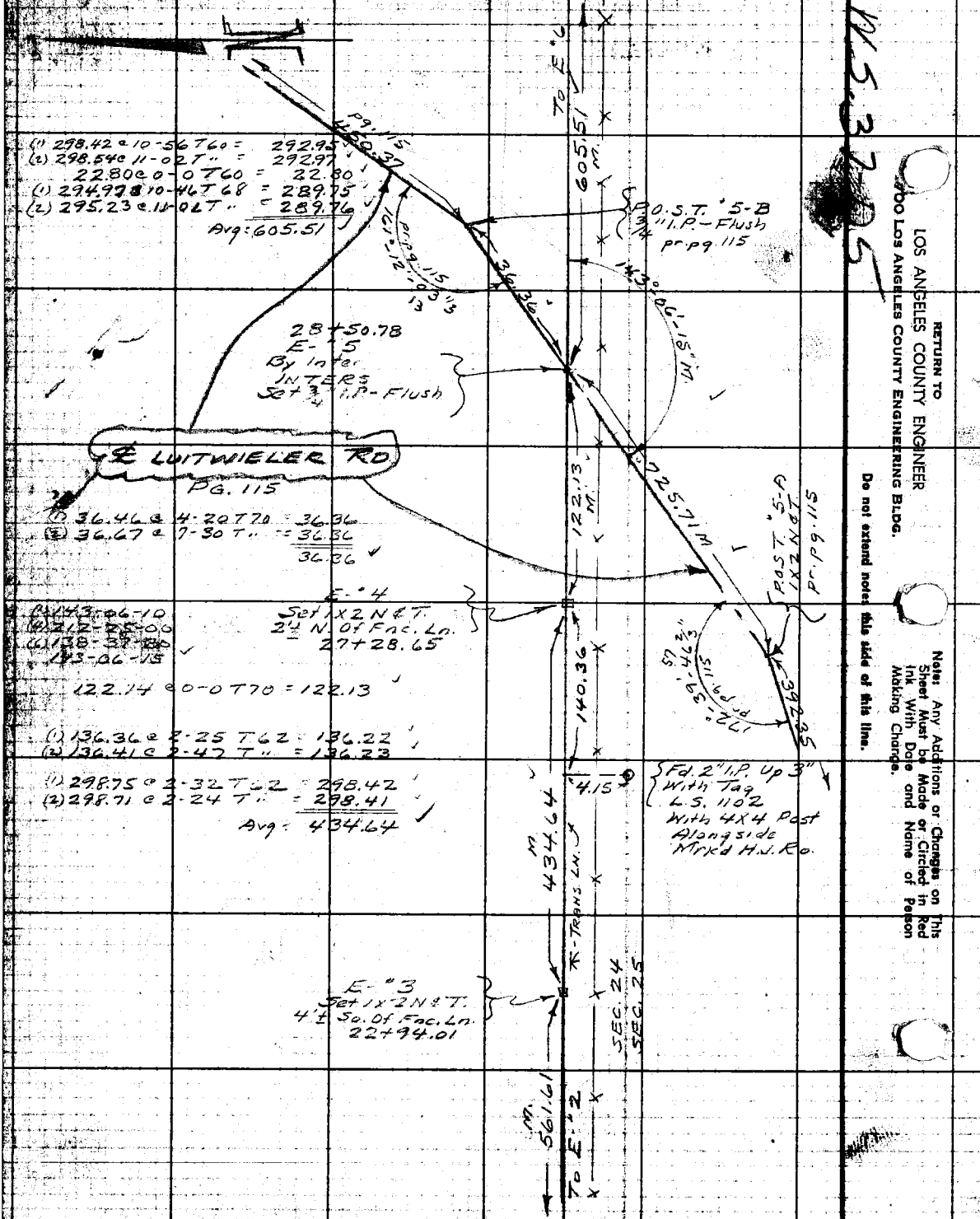
P.O.T. #2
Set 1x2 N&T
Pr. Pg. 126

1883.33

1884.47

Cont. on Pg. 126

Cont. On Bottom Pg. 121




RETURN TO
LOS ANGELES COUNTY ENGINEER
900 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.

Cont. From Top Prev. Pg. 119

| | | |
|---|---|---|
| Notes Ck'd by Galfi | Survey of LUITWIELER RD | F. B 2234 Pg. 121 |
| Map No. B 2626 | JN 0075.64 Tape 121 Std 84 °F | |
| Office Work R. L. GREEN | Surveyed by A.N. Hellstrom | |
| Checked J. AJA | Notes A.N.H Date 4-6-59 | |
| Date Sept. 1959 | Indexed K. C. Johnson | |

Cont. Left Sd. Pg. 122

To E "9
65.95 M.

E-"8
Set 1x2 N&T
Flush
43+70.94

"24
"25

Trav. Rd

591.02 M

E-"7
Set 1x2 N&T
Flush
41+79.92

TRANS. LN.
SEC.
SEC.

(1) 227.30 @ 4-32 T68 = 226.57
(2) 227.39 @ 4-44 " = 226.59
(1) 189.90 @ 5-05 " = 189.13
(2) 189.76 @ 4-36 " = 189.13
175.33 @ 0-0 " = 175.31
Avg. 591.02

366.28 M

5.64

Fd. 2" I.P. Up 3"
Tag L.S. "1102

69.82

38+13.64

Trav. Rd

357.35 M

E-"6
Set 1x2 N&T
On Tp. Rdg.
34+56.29

8.45

(1) 298.18 @ 7-52 T68 = 295.34
(2) 298.07 @ 7-45 T" = 295.32
70.96 @ 0-0 T" = 70.95
366.28

5.31

Fd. 2" I.P. Up 3"
Tag L.S. "1102

605.51 M

4°

60.06 @ 0-0 T60 = 60.05
(1) 299.64 @ 7-06 T62 = 297.30
(2) 299.77 @ 7-18 " = 297.30
357.35

To Int.

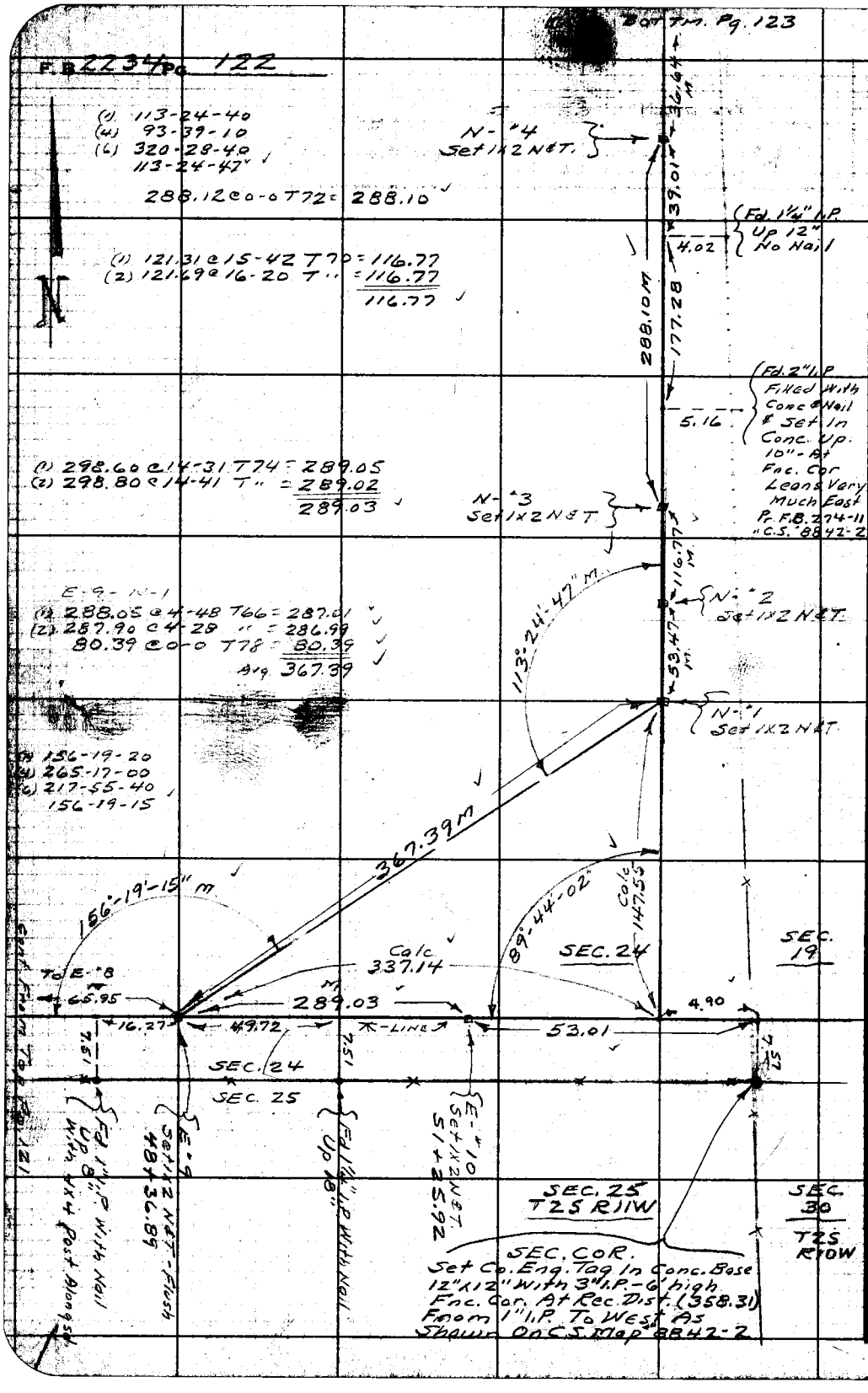
Cont. From Top Pg. 120

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

Do not extend notes this side of this line.

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

76F3098 GE #247—8-57




W538-A5

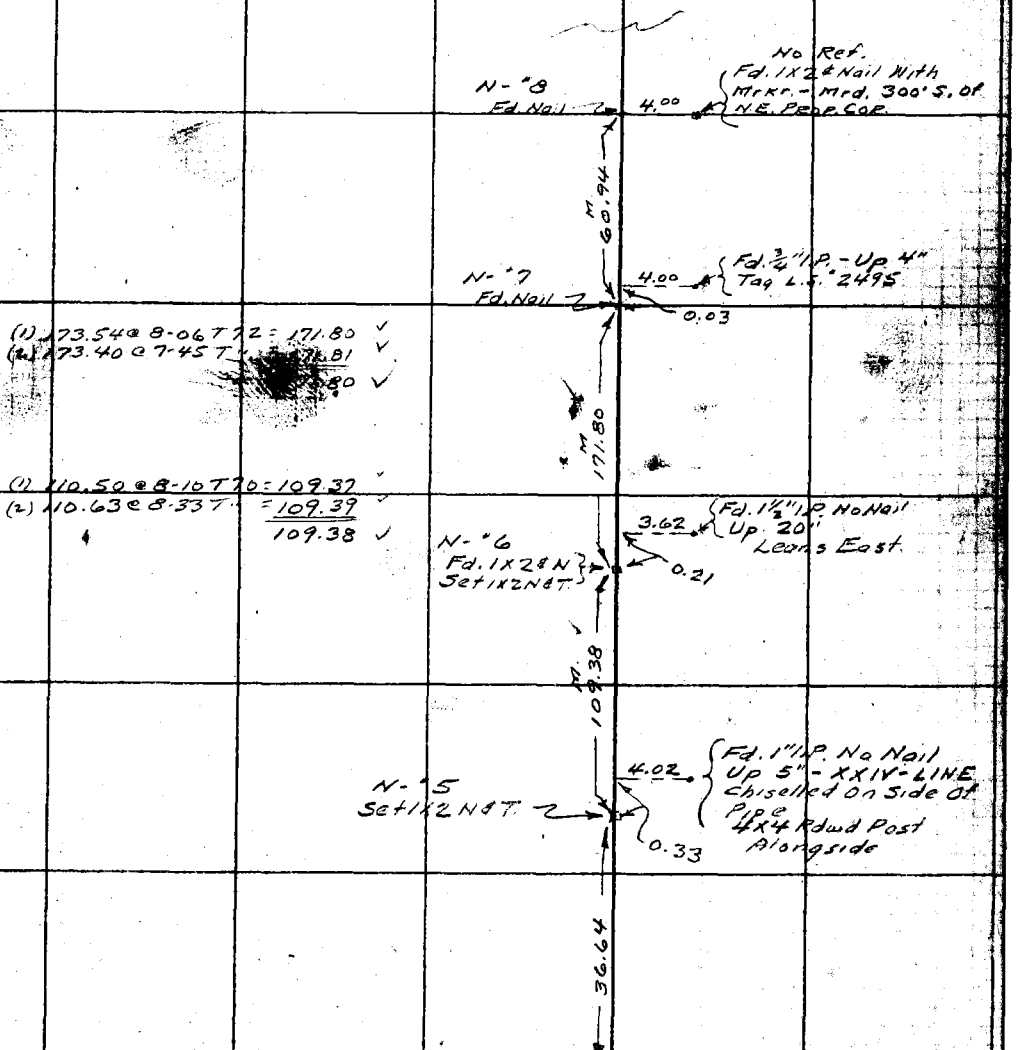
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD. |
| Map No. B 2626 | JN 0075.04 Tape 121 Std 84 °F |
| Office Work R. L. GREEN | Surveyed by A.N. Hellstrom |
| Checked J. AJA | Notes A.N.H. Date 4-9-59 |
| Date Sept. 1959 | Indexed K. C. Johnson |

F. B. 2234 Pg. 123




Cont. From Top Pg. 122

Note: Any Additions 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
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S S&E #247 1-56

F.B. 2234 Pg. 126

Cont. On Bottom Pg. 127

(1) 106-00-40
(4) 64-03-00
(6) 276-04-20
106-00-40

(1) 59-20-40
(4) 237-23-00
(6) 356-04-50
59-20-49

(1) 14-38-30"
(4) 58-33-40
(6) 87-54-40
14-38-27"

(1) 38-44-20
(4) 154-56-20
(6) 232-24-30
38-44-10

To P.O.T. #7 = 1x2 N&T
See Pg. 128

Pt. #0" 1x2 N&T F.B. 691-210

To P.O.T. #3 1x2 Trans Ln

237.57 Calc

2355.05

SEC. 25
T2S R11W

SEC. 26

N 4101852.51
E 4289922.99
16+82.86
P.O.T. 2
Set 1x2 N&T.
Flush
On Tp. Rdg

N 4103535.84
E 4289922.99
4x4 Guard Post
Alongside
Flush
Fd. 5" Casing
With Cement
Center &
Cut Spk. P.T.
See C.S. B-436

SEC. COR.
Pr. C.S. B-436

P.O.T. 1
Set 1x2 - Flush

Pt. "P"
3" I.P. - Flush
14" P.F.B. 69-210
N-4102561.71
E-4291410.19

F.B. 691-210
829.73

N-64°-30'-15" E.
1647.65
Calc

179°-00'-00"
F.B. 691-210

63°-32'-10"

106°-00'-44"

F.B. 691-210
254.81
N-54°-32'-00"

59°-20'-40"

N-51°-57'-40"
1888.31
Calc

SEC. 24

N-66°-26'-03" W
90°-00'-00"

14°-38'-27"

51°-57'-40"

36.84

1683.33

1872.80
Calc

189.47

SEC. 23

Pt. #9
3" I.P. - Flush
14" F.B. 2234-42
N-4103182.01
E-4290008.62

Flush
Fd. 5" Casing
With Cement
Cntr. & Cut
Spk.
See C.S. B-436
2" I.P. Board
Post 3' high
Alongside
N-4103725.31
E-4289922.99
Compromise Cor.
Pr. C.S. B-436

Pt. #8
1x2 N&T
Pr. F.B. 691-210

(1) 131.91 @ 16-38 T 80 = 126.17
(2) 132.37 @ 17-36 T " = 126.17

(1) 65.85 @ 15-59 T 80 = 63.30
(2) 65.42 @ 14-37 T " = 63.30
189.47

(1) 128-02-20
(4) 152-09-20
(6) 48-14-00
128-02-20
51-57-40

(1) 64-30-20
(4) 258-01-20
(6) 27-02-00
64-30-20

(1) 90-00-00
(4) 360-00-00
(6) 180-00-00
90-00-00

(1) 166-27-00
(4) 305-48-00
166-27-00

(1) 63-32-10
(4) 254-08-40
(6) 21-13-00
63-32-10

NORTH

Set 1x2 N&T For Line

LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

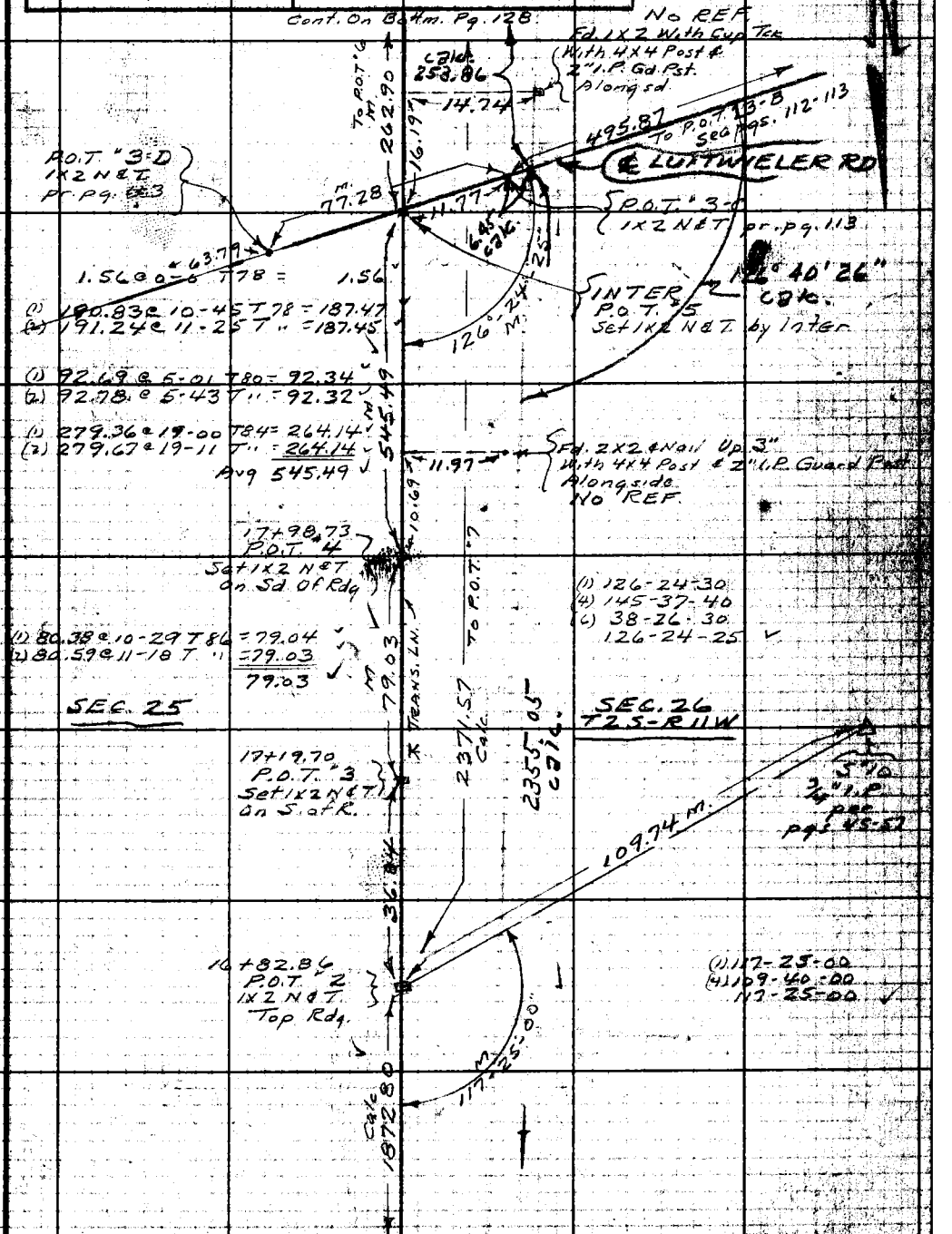
Return to

Do not [illegible] the left 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 Gall | Survey of LUITWIELER RD |
| Map No. B 2626 | JN 0075.04 Tape 150 Std 84 °F |
| Office Work [redacted] GREEN | Surveyed by A. N. Hellstrom |
| Checked R. [redacted] GREEN | Notes A.N.H. Date 4-10-59 |
| Date Sept. 1959 | Indexed A. C. Johnson |

F. B. 2234 Pg. 127




Cont. From Top Pg. 126

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

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

76F2095 CE #247—3-57

F.B. 2234 Pg. 128

SEC. 36

DUG 1' FOR THIS SECTION CORNER, IN NEW FILL. "NOT FD." W. Soto 3-28-66

S.W. COR. Set 1.7 Tot. 1597

SEC. 35

SEC. COR.

K-Tr. Ln.

45.68

Set Bent Spk & T. In 14" Two-Prong Tree

45.46

39.50

Set Bent Spk & T. In 8" Tree

57.79

Set N & T. In 30" Pepper Tr.

185.66

1063.23 calc.

Fd. C.S. Br. Co. Mon. Mrkd As Shown - 10" dp. At East Edg. of Lemon St. On W. bnk. of Trav. Rd. No Ref. 2" I.P. Gd. Pst. Alongsd.

(1) 298.66 @ 5-55 T72 = 297.09
(2) 298.63 @ 5-45 T " = 297.11

(1) 297.62 @ 8-52 T68 = 294.03
(2) 297.63 @ 8-54 T " = 294.02

P.O.T. 8 Set 1x7 N & T

(1) 299.45 @ 14-45 T = 289.57
~~(2) 299.22 @ 14-32 T~~
(3) 299.18 @ 14-32 T = 289.59
Avg. = 880.70

880.70

c84. 0.11

Fd. 6"x6" With Spk Up 8" Also 2" Guard Pipe Alongsd. ~~Sw Cor Lot 6 M.B. 14-14 Pr. Tr. "1597" N.W. Cor. Lot 6 Pr. Tr. "1597"~~

32.94

154° 12' 55"

3.21

P.O.T. "7 Set 1x2 N & T. On So. Sd Rdg

SEC. 25 T2S-R11W

1445.55

K-Trans. Ln.

1448.86 calc.

SEC. 26

179° 35' 12" calc.

Fd. 6"x6" Up 8" With Spk & T

Also A 2" I.P. Gd Post Alongside ~~N.W. cor Lot 6 M.B. 14-14-15 Pr. Tr. 1587~~

Accepted as 1/4 cor. D.S. 1-6-65

15.85

1.76

2371.57 Calc.

Pt. 3/4" I.P. Pg. 126

10/500 Pg.

Replaced with County Engineer Monument See Pg 211

P.O.T. 6 Set 1x2 N & T.

(1) 165.75 @ 12-55 T82 = 161.56
(2) 165.56 @ 12-37 " = 161.56

(1) 104.38 @ 13-51 T82 = 101.34
(2) 104.06 @ 13-06 T " = 101.35
Avg. 262.90

262.90

To P.O.T. 5

To P.O.T. 2

253.86 calc.

(1) 154-14-00
(4) 256-55-40
(6) 205-23-40
154-13-55

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

Do not record notes this side of this line.

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

COUNTY SURVEYOR'S MONUMENT
T2S
35 36
26 25

M 54-D1

Cont. From Top Pg. 127

F. B. 2234 PG. 131

NOTES RED. JOB NO. SURVEY OF Luitwieler Rd
DATE SURVEY BY Willey
NOTES CHKD. J.G NOTES BY " DATE 3-15-59
DATE 6-23-59 INDEXED C. Johnson DATE 6-15-59

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

Do not extend notes this side of this line

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

765420 S & E-353 4-54

| | |
|---|---|
| DESCRIPTION | JN 007504<br>Luitwieler Rd<br>BENCH LEVELS<br>3-15-59<br>Willey<br>Mankey Jr<br>McCall<br>Swann |
| ADJ. ELEV. | Lo. Var. RODS 25 & 26 |
| 3RD RUN | LEVELS STARTING AT WHITTIER BLVD. & FOLLOWING ℄ OF LUITWIELER RD. (AS OF APRIL-1959) TO HACIENDA BLVD. |
| 2ND RUN | PAGES 131-154 |
| DIFF. | |
| 1ST RUN | |
| B.M. | |

768420 S & E-353 4-54

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

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

Do not extend notes this side of this line

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| fd | | ✓ | | | | BM #1-11 El. = 259.078 FB1202-16 |
| BM 1-11 | 259.078 | | | | | Colima Rd + Whittier Blvd 100' S. of ℄ of |
| | 10710 | | 10948 | | | Whittier Blvd, + 6.5' E of ℄ Colima Rd. |
| ⊼ | 69.788 | +8.970 | +8.975 | | | Set in conc. 15" below surface in a well |
| | 1.740 | | 1973 | | | cut 1 hrd. pvmt + protected by a cast |
| TP | 68.048 | | | | | iron cover, COUNTY SURVEYOR MONU- |
| | 7590 | | 7520 | | | MENT, Astandard, COUNTY SURVEYOR |
| ⊼ | 75.638 | +5.639 | +5.636 | | | MONUMENT BM 1-11-1951, RE 329 |
| | 1951 | | 1884 | | | |
| TP | 273.687 | | | | | |
| | 7661 | | 7.603 | | | |
| ⊼ | 281.348 | +4.662 | +4.658 | | | |
| | 2999 | | 2945 | | | |
| T.P | 278.349 | | | | | |
| | 7128 | | 7.030 | 6.869 | | |
| ⊼ | 285.477 | +4.027 | +4.034 | +4.029 | | |
| | 3.101 | | 2.996 | 2.840 | | |
| T.P. | 282.376 | | | | | |
| | 8458 | | 8240 | | | |
| ⊼ | 90.834 | +7.112 | +7.110 | | | |
| | 1346 | | 1130 | | | |
| T.P. | 89.488 | | | | | |
| | 9.564 | | 9.810 | 9.888 | | |
| ⊼ | 299.052 | +8.830 | +8.839 | +8.836 | | |
| | 0.734 | | 0.971 | 1.052 | | |
| T.P. | 98.318 | | | | | |
| | 11468 | | 11609 | | | |
| ⊼ | 309786 | +11.172 | +11.170 | | | |
| | 0296 | | 0.439 | | | |
| | 309.490 | ✓ | | | | |

NOTES RED _____ DATE _____
NOTES CHKD J.G. DATE 6-23-59
JOB NO. 007504 SURVEY OF _____
SURVEY BY Luitwieler Rd
NOTES BY R.L. Willer DATE 3-15-56
INDEXED C. Johnson DATE _____
F.B. 2234 PG. 1[illegible]2

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 309.490 | | | | | |
| | 11.600 | | 11.653 | | | |
| ⊼ | 321.090 | +11.271 | +11.272 | | | |
| | 0.329 | | 0.381 | | | |
| T.P. | 320.761 | | | | | |
| | 11.513 | | 11.611 | | | |
| ⊼ | 332.274 | +11.221 | +11.220 | | | |
| | 0.292 | | 0.391 | | | |
| T.P. | 331.982 | | | | | |
| | 11.940 | | 11.322 | | | |
| ⊼ | 343.922 | +10.748 | +10.748 | | | |
| | 1.192 | | 0.574 | | | |
| T.P. | 342.730 | | | | | |
| | 10.829 | | 10.940 | | | |
| ⊼ | 353.559 | +10.402 | 10.402 | | | |
| | 0.427 | | 0.538 | | | |
| T.P. | 353.132 | | | | | |
| | 11.711 | | 11.434 | | | |
| ⊼ | 364.843 | 9.921 | 9.918 | | | |
| | 1.790 | | 1.516 | | | |
| T.P. | 363.053 | | | | | |
| | 11.570 | | 11.261 | | | |
| ⊼ | 374.623 | +10.228 | +10.228 | | | |
| | 1.342 | | 1.033 | | | |
| ⊼ | 373.281 | | | | | |
| | 10.379 | | 10.406 | | | |
| ⊼ | 383.660 | +9.761 | +9.764 | | | |
| | 0.618 | | 0.642 | | | |
| T.P. | 383.042 | | | | | |

NOTES RED. _____ JOB NO. 007504 SURVEY OF Lantwieler Rd
DATE _____ SURVEY BY R.L. Willey
NOTES CHKD. J.G. NOTES BY 11 DATE 4-8-59
DATE 6-23-59 INDEXED. C. Johnson DATE

F.B. 2234 PG. 133

765420 S & E-353 4-54

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

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

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

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 383042 | | | | | |
| | 10207 | | 9,971 | | | |
| ⊼ | 393,249 | +9,361 | +9,361 | | | |
| | 0,846 | | 0,610 | | | |
| T.P. | 392,403 | | | | | |
| | 10133 | | 10,062 | | | |
| ⊼ | 402,536 | +9,753 | +9,754 | | | |
| | 0380 | | 0308 | | | |
| T.P. | 402,156 | | | | | |
| | 9,890 | | 9,740 | | | |
| ⊼ | 412,046 | +8,741 | +8,741 | | | |
| | 1,149 | | 0999 | | | |
| T.P. | 410,897 | | | | | |
| | 11,259 | | 11,407 | | | |
| ⊼ | 422,156 | +10,996 | +10,994 | | | |
| | 0263 | | 0,413 | | | |
| T.P. | 421,893 | | | | | |
| | 10,773 | | 10,623 | | | |
| ⊼ | 432,666 | +9,697 | +9,696 | | | |
| | 1,076 | | 0,927 | | | |
| T.P. | 431,590 | | | | | |
| | 9,780 | | 9,642 | | | |
| ⊼ | 441,370 | +7,628 | +7,632 | | | |
| | 2152 | | 2010 | | | |
| T.P. | 439,218 | | | | | |
| | 8,755 | | 8,570 | | | |
| ⊼ | 447,973 | +6,675 | +6,676 | | | |
| | 2080 | | 1,894 | | | |
| T.P. | 445,893 | | | | | |

JOB NO. 007504 SURVEY OF Lunt Wieler Rd NOTES RED
SURVEY BY R.L. Willey DATE
NOTES BY C. Johnson DATE 4-8-59 NOTES CHKD. J.G.
INDEXED DATE DATE 6-23-59

F.B. 2234 PG. 134

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

NOTES RED. ____ JOB NO. 007504 SURVEY OF Luitwieler Rd
DATE ____ SURVEY BY R.L. Willey
NOTES CHKD. J.G. NOTES BY ____ DATE 4-8-59
DATE 6-23-59 INDEXED ____ C. Johnson DATE ____

F.B. 2234 Pg. 135

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| TP | 445893 | | | | | |
| | 8391 | | 8320 | | | |
| ⊼ | 454.284 | +6464 | +6.462 | | | |
| | 1.927 | | 1858 | | | |
| TP | 452357 | | | | | |
| | 10.242 | | 10429 | | | |
| ⊼ | 462.599 | +9.865 | +9.867 | | | |
| | 0377 | | 0562 | | | |
| T.P. | 462222 | | | | | |
| | 9097 | | 8.986 | | | |
| ⊼ | 471,319 | -2124 | -2126 | | | |
| | 11.221 | | 11.112 | | | |
| T.P | 460,098 | | | | | |
| | 2813 | | 2,757 | | | |
| ⊼ | 462911 | -5,837 | | | | |
| fd BM. | 8650 | | | | | |
| WZ 314 | 454261 | | | | 454.242 | BM WZ 314 Mar Vista St. S side 210' ± W. of Colima Rd, bt spk set in lead in top conc Head wall 3.5 E. of catch basin. |
| | 11.969 | | 11.919 | | | |
| ⊼ | 466.230 | +11,109 | +11,111 | | | |
| | 0.860 | | 0,808 | | | |
| TP | 465370 | | | | | |
| | 11893 | | 11,762 | | | |
| ⊼ | 477263 | +10,893 | +10,894 | | | |
| | 1,000 | | 0868 | | | |
| TP | 476,263 | | | | | |
| | 11.648 | | 11,487 | | | |
| ⊼ | 487,911 | +10,199 | +10,200 | | | |
| | 1.449 | | 1287 | | | |
| TP | 486462 | | | | | |

768420 S & E-353 4-54

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

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Do not extend notes this side of this line

JOB NO. 0075.04 SURVEY OF Lutzweiler Rd
SURVEY BY P.L. Willey
NOTES BY " DATE 3-18-57
INDEXED J. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. J.G. DATE 6-23-59
F.B. 234 Pg. 136

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 486.402 | | | | | |
| | 10.935 | | 11.000 | | | |
| T | 497.397 | +10.361 | +10.360 | | | |
| | 0.579 | | 0.640 | | | |
| T.P. | 496.823 | | | | | |
| | 10.647 | | 10.499 | | | |
| T | 507.472 | +9.919 | +9.914 | | | |
| | 0.730 | | 0.585 | | | |
| T.P. | 506.742 | | | | | |
| | 10.740 | | 10.668 | | | |
| T | 517.482 | +9.614 | +9.616 | | | |
| | 1.126 | | 1.052 | | | |
| T.P. | 516.356 | | | | | |
| | 11.711 | | 11.661 | | | |
| T | 528.067 | +9.128 | +9.128 | | | |
| | 2.583 | | 2.533 | | | |
| T.P. | 525.484 | | | | | |
| | 1.760 | | 1.650 | | | |
| T | 527.244 | -5.330 | -7.328 | | | |
| | 9.090 | | 8.978 | | | |
| T.P. | 518.154 | | | | | |
| | 7.937 | | 7.883 | | | |
| T | 526.091 | -3.744 | -3.743 | | | |
| | 4.193 | | 4.140 | | | |
| T.P. | 521.898 | | | | | |
| | 11.875 | | 11.955 | | | |
| T | 533.773 | +11.411 | 11.408 | | | |
| | 0.464 | | 0.547 | | | |
| T.P. | 533.309 | | | | | |

76S420 S & E-353 4-54

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

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Do not extend notes this side of this line

NOTES RED ____ JOB NO. DD 7504 SURVEY OF Luitwieler Rd
DATE ____ SURVEY BY R.L. Willey
NOTES CHKD ____ NOTES BY " DATE 3-16-59
DATE ____ INDEXED C. Johnson DATE

F.B. 2234 PG. 137

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| TP | 533.309 | | | | | |
| | 11.608 | | 11507 | | | |
| ⊼ | 544.917 | +11.089 | +11.090 | | | |
| | 0519 | | 0417 | | | |
| T.P. | 544.398 | | | | | |
| | 11308 | | 11491 | | | |
| ⊼ | 555.706 | +11.100 | +11.098 | | | |
| | 0208 | | 0.393 | | | |
| T.P. | 555.498 | | | | | |
| | 11736 | | 11.858 | | | |
| ⊼ | 567.234 | +11.489 | +11.487 | | | |
| | 0247 | | 0.371 | | | |
| T.P. | 566.987 | | | | | |
| | 11577 | | 11.709 | | | |
| ⊼ | 578.564 | +11.018 | +11.020 | | | |
| | 0.559 | | 0689 | | | |
| T.P. | 578.005 | | | | | |
| | 11176 | | 11352 | | | |
| ⊼ | 589.181 | +10.373 | +10.372 | | | |
| | 0.803 | | 0980 | | | |
| TP | 588.378 | | | | | |
| | 11370 | | 11443 | | | BM # L-1 - ON FLAT SPUR. |
| ⊼ | 599.748 | +11.034 | +11.033 | | | 50'± Back & 170'± Right Of |
| set | 0.336 | | 0410 | | | E.C. - CURVE #1 - A Std. Co. Engrs. |
| BM L-1 | 599.412 | | | | 599.393 | Mon. Mrkd R.E. 5869 & B.M. NO. L-1 |
| | 7381 | | 7514 | | | |
| ⊼ | 606.793 | +5658 | +5658 | | | |
| | 1.723 | | 1856 | | | |
| T.P. | 605.070 | | | | | |

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 007504 SURVEY OF Whitwieler Rd NOTES RED
SURVEY BY R.L. Willey DATE
NOTES BY " DATE 3-17-58 NOTES CHKD. J.G.
INDEXED A. C. Johnson DATE DATE 6-23-59

F.B. 2234 PG. 138

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 605,070 | | | | | |
| | 1248 | | 1,201 | | | |
| T | 606,318 | -7,229 | -7,228 | | | |
| | 8477 | | 8429 | | | |
| TP | 597,841 | | | | | |
| | 4457 | | 4,321 | | | |
| T | 602,298 | +1.494 | +1,490 | | | |
| | 2963 | | 2,831 | | | |
| TP | 599,335 | | | | | |
| | 5,214 | | 5,829 | | | |
| T | 604,549 | +0,630 | +0,630 | | | |
| | 4,584 | | 5,199 | | | |
| T.P. | 599,965 | | | | | |
| | 3,080 | | 2,978 | | | |
| T | 603,045 | -1,842 | -1,839 | | | |
| | 4922 | | 4,817 | | | |
| T.P. | 598,123 | | | | | |
| | 0,981 | | 0,901 | | | |
| T | 599,104 | +0,382 | +0,377 | | | |
| | 0599 | | 0524 | | | |
| TP | 598,505 | | | | | |
| | 11,738 | | 12,003 | | | |
| T | 610,243 | +8,065 | +8,061 | | | |
| | 3,673 | | 3,942 | | | |
| T.P. | 606,570 | | | | | |
| | 11,554 | | 11,443 | | | |
| T | 618,124 | +8,472 | +8,470 | | | |
| | 3082 | | 2,973 | | | |
| T.P. | 615,042 | | | | | |

768420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P | 615042 | ✓ | | | | |
| | 8250 | | 8.759 | | | |
| ⊼ | 623,292 | +2,872 | +2868 | | | |
| | 5,378 | | 5.891 | | | |
| T.P. | 617,914 | | | | | |
| | 11,777 | | 11,695 | | | |
| ⊼ | 629691 | +8.798 | +8.797 | | | |
| | 2,979 | | 2898 | | | |
| T.P. | 626,712 | | | | | |
| | 4755 | | 4,991 | | | |
| ⊼ | 631,467 | +3879 | +3,878 | | | |
| | 0,876 | | 1,113 | | | |
| BM #L-2 | 630,591 | | | | 630.534 | BM #L-2 - ON FLAT SPUR BEARS N.&S. 60'± Ahead & 110'± Right of P.O.T. #3A - A Std Co. Engrs. Mon. Mrkd R.E. 5869 & B.M. NO. L-2 |
| | 2313 | | 2,204 | | | |
| ⊼ | 632904 | -2,053 | -2,056 | | | |
| | 4,366 | | 4,260 | | | |
| T.P. | 628,538 | | | | | |
| | 9.126 | | 8.966 | | | |
| ⊼ | 637,664 | -1.108 | -1.109 | | | |
| | 10.234 | | 10.075 | | | |
| T.P. | 627430 | | | | | |
| | 10.722 | | 10.661 | | | |
| ⊼ | 638.152 | +8.576 | +8.573 | | | |
| | 2.146 | | 2.088 | | | |
| T.P. | 636.006 | | | | | |
| | 11.743 | | 12.000 | | | |
| ⊼ | 647,749 | +11.528 | +11.528 | | | |
| | 0.215 | | 0.472 | | | |
| T.P. | 647.534 | ✓ | | | | |

NOTES RED _____ JOB NO. 007504 SURVEY OF Luitwieler R.
DATE _____ SURVEY BY R.L. Willey
NOTES CHKD. J.G. NOTES BY _____ DATE 3-17-58
DATE 6-23-59 INDEXED _____ C. Johnson DATE _____

F.B. 2234 PG. 139

768420 S & E-353 4-54

PLEASE RETURN TO
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| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 647.534 | | | | | |
| | 11.841 | | 11.978 | | | |
| T | 659.375 | +11.545 | +11.544 | | | |
| | 0.296 | | 0.434 | | | |
| T.P. | 659.079 | | | | | |
| | 10.222 | | 10.100 | | | |
| T | 669.301 | + 6.757 | +6.757 | | | |
| | 3.465 | | 3.343 | | | |
| T.P. | 665.836 | | | | | |
| | 4.110 | | 3.972 | | | |
| T | 669.946 | -0.487 | -0.487 | | | |
| | 4.597 | | 4.459 | | | |
| T.P. | 665.349 | | | | | |
| | 11.238 | | 11.064 | | | |
| T | 676.587 | +10.655 | +10.653 | | | |
| | 0.583 | | 0.411 | | | |
| T.P. | 676.004 | | | | | |
| | 11.260 | | 11.468 | | | |
| T | 687.264 | +10.930 | +10.931 | | | |
| | 0.330 | | 0.537 | | | |
| T.P. | 686.934 | ✓ | | | | |
| | 11.661 | | 11.924 | | | |
| T | 698.595 | +11.430 | 11.430 | | | |
| | 0231 | | 0494 | | | |
| T.P. | 698.364 | | | | | |
| | 11.757 | | 11.922 | | | |
| T | 710.121 | +10.806 | +10804 | | | |
| | 0.951 | | 1.118 | | | |
| T.P. | 709.170 | ✓ | | | | |

JOB NO. 0075M SURVEY OF Lubmeier Rd NOTES RED.
SURVEY BY P.L. Willey DATE
NOTES BY McCall DATE 3-17-58 NOTES CHKD. J.G.
INDEXED C. Jo DATE DATE 6-23-59

F.B. 2234 PG. 140

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 709.170 | | | | | |
| | 10.881 | | 11.020 | | | |
| π | 720.051 | +7.323 | +7.322 | | | |
| set | 3.558 | | 3.698 | | | |
| BM# L-3 | 716.493 | | | | 716.417 | BM L-3 - ON SPUR BEARING N.W'ly |
| | 11.171 | | 11.464 | | | & S.E'ly. 25'± Back & 85'± Right |
| π | 727.664 | +2.405 | +2.403 | | | Of P.O.T. #G — A. STD. CO. ENGS. |
| | 8.766 | | 9.061 | | | MON. MRKD. R.E. 5869 & B.M.-NO. L-3 |
| TP | 718.898 | | | | | |
| | 11.886 | | 11.772 | | | |
| π | 730.784 | +7.718 | + 7.719 | | | |
| | 4.168 | | 4.053 | | | |
| T.P. | 726.616 | | | | | |
| | 11.804 | | 11.784 | | | |
| π | 738.420 | +2.082 | + 2.082 | | | |
| | 9.722 | | 9.702 | | | |
| T.P. | 728.698 | | | | | |
| | 10.233 | | 10.193 | | | |
| π | 738.931 | +8.235 | +8.237 | | | |
| | 1.998 | | 1.956 | | | |
| T.P. | 736.933 | | | | | |
| | 9.374 | | 9.311 | | | |
| π | 746.307 | +3.221 | +3.219 | | | |
| | 6.153 | | 6.092 | | | |
| T.P. | 740.154 | | | | | |
| | 11.838 | | 11.974 | | | |
| π | 751.992 | +10.473 | 10.475 | | | |
| | 1.365 | | 1.499 | | | |
| T.P. | 750.627 | | | | | |

NOTES RED. _____ JOB NO. 007504 SURVEY OF Luitwieler Rd.
DATE _____ SURVEY BY R.L. Willey
NOTES CHKD. J.G. NOTES BY _____ DATE 3-19-59
DATE 6-23-59 INDEXED _____ DATE _____

F.B. 223 PG. 141

76S420 S & E-353 4-54

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

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

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 750.627 | | | | | |
| | 11341 | | 11.507 | | | |
| ⊼ | 761.968 | +10.465 | +10.466 | | | |
| | 0.876 | | 1.041 | | | |
| T.P | 761.092 | | | | | |
| | 11.524 | | 11624 | | | |
| ⊼ | 772.616 | +10.746 | 10.745 | | | |
| | 0.778 | | 0.879 | | | |
| TP | 771.838 | | | | | |
| | 11442 | | 11.542 | | | |
| ⊼ | 783.280 | 10.773 | +10.771 | | | |
| | 0.669 | | 0.771 | | | |
| T.P. | 782.611 | | | | | |
| | 11533 | | 11.464 | | | |
| ⊼ | 794.144 | +3.226 | +3.226 | | | |
| | 8.307 | | 8.238 | | | |
| T.P. | 785.837 | | | | | |
| | 11182 | | 11.098 | | | |
| ⊼ | 797.019 | +0.710 | +0.711 | | | |
| set | 10472 | | 10387 | | | BM# L-4 |
| BM# L-4 | 786.547 | | | | 786.452 | 77±' Ely + 205±' Sly of POST. 4 B |
| | 11660 | | 11.678 | | | A Std CO. ENGR. MON. on Top Spur. |
| ⊼ | 798207 | +10.184 | +10.185 | | | Mked COUNTY ENGINEER. |
| | 1.476 | | 1.493 | | | R.E. 5869 & B.M. NO. L-4 |
| TP | 796.731 | | | | | |
| | 11233 | | 11.182 | | | |
| ⊼ | 807.964 | +9.450 | +9.452 | | | |
| | 1.783 | | 1730 | | | |
| T.P. | 806.181 | | | | | |

JOB NO. 007504 SURVEY OF Luitwieler Rd NOTES RED
SURVEY BY R.L. Willey DATE
NOTES BY [illegible] C. JOHNSON DATE 3-19-59 NOTES CHKD. J.G.
INDEXED DATE DATE 6-23-59

F.B. 2234 PG. 142

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 806.181 | | | | | |
| | 11.969 | | 11.922 | | | |
| π | 818.150 | +9.325 | 9.322 | | | |
| | 2.644 | | 2.600 | | | |
| T.P. | 815.506 | | | | | |
| | 11.312 | | 11.230 | | | |
| π | 826.818 | +10.932 | 10.931 | | | |
| | 0.380 | | 0.299 | | | |
| T.P. | 826.438 | | | | | |
| | 11.548 | | 11.442 | 11.288 | | |
| π | 837.986 | +7.655 | +7.667 | +7.666 | | |
| | 3.893 | | 3.775 | 3.622 | | |
| T.P. | 834.093 | | | | | |
| | 9.596 | | 9.539 | | | |
| π | 843.689 | −0.987 | −0.988 | | | |
| | 10.583 | | 10.527 | | | |
| T.P. ✓ | 833.106 | | | | | |
| | 3.548 | | 3.387 | | | |
| π | 836.654 | −7.330 | −7.335 | | | |
| | 10.878 | | 10.722 | | | |
| T.P. | 825.776 | | | | | |
| | 0.686 | | 0.558 | | | |
| π | 826.462 | −10.735 | −10.735 | | | |
| | 11.421 | | 11.293 | | | |
| T.P. | 815.041 | | | | | |
| | 0.604 | | 0.536 | | | |
| π | 815.645 | −10.096 | −10.096 | | | |
| | 10.700 | | 10.632 | | | |
| T.P. | 804.945 ✓ | | | | | |

NOTES RED ____ JOB NO. 007504 SURVEY OF Luitwieler Rd
DATE ____ SURVEY BY R L Willey
NOTES CHKD. J.G. NOTES BY A. C. Johnson DATE 3-19-59
DATE 6-23-59 INDEXED ____ DATE ____

F.B. 2234 PG. 143

765420 S & E-353 4-54

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

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5869

Do not extend notes this side of this line

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 804.945 | | | | | |
| | 3.114 | | 3.286 | | | |
| ⊼ | 808.059 | -8.412 | -8.413 | | | |
| | 11.526 | | 11.699 | | | |
| T.P. | 796.533 | | | | | |
| | 0.819 | | 0.623 | | | |
| ⊼ | 797.352 | -10.845 | -10.844 | | | |
| | 11.664 | | 11.467 | | | |
| T.P. | 785.688 | | | | | |
| | 0.414 | | 0.628 | | | |
| ⊼ | 786.102 | -9.933 | -9.932 | | | |
| | 10.347 | | 10.560 | | | |
| T.P. | 775.755 | | | | | |
| | 4.715 | | 4.595 | | | |
| ⊼ | 780.470 | -4.334 | -4.333 | | | |
| | 9.049 | | 8.928 | | | |
| SET B.M. # L-5 | 771.421 | | | | 771.307 | B.M. # L-5 ON SPUR BEARING N.W'ly. |
| | 8.510 | | 8.557 | 8.522 | | 150'± Ahead & 100'± Left Of |
| ⊼ | 779.931 | -0.624 | -0.630 | -0.629 | | B.C.-CURVE #5-A Std. Co. ENGS. |
| | 9.134 | | 9.187 | 9.151 | | Mon. Mrkd R.E. 5869-B.M. No. L-5 |
| T.P. | 770.797 | | | | | |
| | 3.820 | | 3.576 | | | |
| ⊼ | 774.617 | -5.148 | 5.143 | | | |
| | 8.968 | | 8.719 | | | |
| T.P. | 765.649 | | | | | |
| | 0.585 | | 0.910 | | | |
| ⊼ | 766.234 | -8.933 | -8.931 | | | |
| | 9.518 | | 9.841 | | | |
| T.P. | 756.716 | | | | | |

JOB NO. 007504 SURVEY OF Luitweiler Rd NOTES RED
SURVEY BY R.L. Willey DATE
NOTES BY " DATE 3-26-59 NOTES CHKD. J.G.
INDEXED C. Johnson DATE DATE 6-23-59

F.B. 2234 PG. 144

76S420 S & E-353 4-54

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

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Do not extend notes this side of this line

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 756.716 | | | | | |
| | 1.067 | | 0.929 | | | |
| Π | 757.783 | -9.012 | -9.010 | | | |
| | 10.079 | | 9.939 | | | |
| T.P. | 747.704 | | | | | |
| | 0351 | | 0.637 | | | |
| Π | 748055 | -11.196 | -11.197 | | | |
| | 11547 | | 11.834 | | | |
| T.P. | 736.508 | | | | | [illegible] 20' N of 30" dead oak |
| | 0784 | | 0.537 | | | [illegible] |
| Π | 737292 | -10.904 | -10.902 | | | |
| | 11688 | | 11.439 | | | |
| T.P. | 725.604 | | | | | |
| | 0458 | | 0.976 | | | |
| Π | 726062 | -1.276 | -1.273 | | | |
| | 1.734 | | 2.249 | | | |
| T.P. | 724.328 | | | | | |
| | 11.166 | | 11.485 | | | |
| Π | 735.494 | +10.745 | 10.744 | | | |
| | 0421 | | 0.741 | | | |
| T.P. | 735.073 | | | | | |
| | 11.172 | | 11.585 | | | |
| Π | 746.245 | +10.814 | +10.812 | | | |
| | 0358 | | 0.773 | | | |
| T.P. | 745.887 | | | | | |
| | 11.583 | | 11.860 | | | |
| Π | 757.470 | +11.388 | +11.390 | | | |
| | 0195 | | 0.470 | | | |
| T.P. | 757.275 | | | | | |

NOTES RED. JOB NO. 007504 SURVEY OF Luitwieler Rd.
DATE SURVEY BY P.L. Willey
NOTES CHKD. JG NOTES BY [illegible] DATE 3-26-59
DATE 6-23-59 INDEXED C. Johnson DATE

F.B. 2234 PG. 145

765420 S & E-353 4-54

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

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

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

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P | 757.275 | | | | | |
| | 11406 | | 10881 | | | |
| π | 768.681 | +5.038 | 5.039 | | | |
| | 6.368 | | 5.842 | | | |
| TP | 762.313 | | | | | |
| | 7627 | | 8149 | | | |
| π | 769.940 | +6.752 | +7.752 | | | |
| set | 0.875 | | 0397 | | | |
| BM # L-6 | 769.065 | | | | 768.932 | BM # L-6 30' N of the fork of draws, 70' ± S. of Rd., 60' ± S. and 125' ± E of pot 6 A A Std. C.E. Mon. Mrkd R.E. 5869 & B.M-NO. L-6 |
| | 11948 | | 11.820 | | | |
| π | 781.013 | +10.866 | +10.867 | | | |
| | 1.082 | | 0953 | | | |
| T.P. | 779.931 | | | | | |
| | 11879 | | 11.973 | | | |
| π | 791.810 | +11.621 | 11.621 | | | |
| | 0258 | | 0352 | | | |
| TP | 791.552 | | | | | |
| | 9850 | | 9.723 | | | |
| π | 801.402 | +8.403 | +8.405 | | | |
| | 1.447 | | 1.318 | | | |
| fd | 799.955 | | | | 799.803 | (OLD B.M) fd BM # 8 - SEE F.B. 788-12 & F.B. 671-223 on Top of a knoll, 75' N. of a Rd, 150' E. of a saddle 200' ± S of Edison High Line fd Std Co. Survey or MON. Mkd RE 2177 BM No 8 |
| BM # 8 (OLD B.M) | 0734 | | 0542 | | | |
| | 800.689 | -10.708 | -10.707 | | | |
| | 11442 | | 11.249 | | | |
| T.P. | 789.247 | | | | | |
| | 0963 | | 0.773 | | | |
| π | 790.210 | -10.404 | -10.404 | | | |
| | 11.367 | | 11.177 | | | |
| T.P. | 778.843 | | | | | |

JOB NO. 007504 SURVEY OF Lantwicler Rd NOTES RED
SURVEY BY R.L. Willey DATE
NOTES BY C. Johnson DATE 4-8-59 NOTES CHKD. J.G.
INDEXED DATE 6-23-59

F.B. 2234 PG. 146

76S420 S & E-353 4-54

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

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Do not extend notes this side of this line

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 778,843 | | | | | |
| | 0,968 | | 0.876 | | | |
| π | 779811 | -10.475 | -10,476 | | | |
| | 11.443 | | 11,352 | | | |
| T.P. | 768368 | | | | | |
| | 0621 | | 0,472 | | | |
| π | 768,989 | -10.857 | -10,856 | | | |
| | 11,478 | | 11328 | | | |
| TP | 757,511 | | | | | |
| | 0449 | | 0401 | | | |
| π | 757,960 | -11,216 | -11.218 | | | |
| | 11,665 | | 11,619 | | | |
| T.P. | 746,295 | | | | | |
| | 0,573 | | 0483 | | | |
| π | 746,868 | -11,028 | -11,028 | | | |
| | 11,601 | | 11,511 | | | |
| T.P. | 735,267 | | | | | |
| | 0248 | | 0,309 | | | |
| π | 735515 | -11,433 | -11,433 | | | |
| | 11,681 | | 11,742 | | | |
| T.P. | 723,834 | | | | | |
| | 0,328 | | 0505 | | | |
| π | 724,162 | -11,458 | -11,458 | | | |
| | 11,786 | | 11.963 | | | |
| T.P. | 712,376 | | | | | |
| | 0,688 | | 0,541 | | | |
| π | 713.064 | -11,089 | -11,086 | | | |
| | 11.777 | | 11.627 | | | |
| T.P. | 701,287 | | | | | |

NOTES RED _____ JOB NO. 007504 SURVEY OF Luitwieler
DATE _____ SURVEY BY R.L. Willey
NOTES CHKD. JG NOTES BY J. C. Johnson DATE 4-8-59
DATE 6-23-59 INDEXED _____ DATE _____

F.B. 2234 PG. 147

76S420 S & E-353 4-54

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

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| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 701.287 | | | | | |
| | 0229 | | 0476 | | | |
| ⊼ | 701.516 | -10.520 | -10.519 | | | |
| | 10.749 | | 10995 | | | |
| ⊼ | 690.767 | | | | | |
| | 0561 | | 0293 | | | |
| ⊼ | 691.328 | -11.453 | -11.452 | | | |
| | 12014 | | 11.745 | | | |
| BM# L-7 | 679.314 | | | | 679.143 | BM# L-7 5' S. of barb wire fn., 200' ± S. of the int. of canyons, that bear SE + SW. A. Std COUNTY ENGINEERS MON. Mked RE 5869, BM-NO. L-7 |
| | 0.385 | | 0.461 | | | |
| ⊼ | 679.699 | -11.277 | -11.276 | | | |
| | 11.662 | | 11.737 | | | |
| T.P. | 668.037 | | | | | |
| | 0.340 | | 0.435 | | | |
| ⊼ | 668.377 | -10.973 | -10.973 | | | |
| | 11.313 | | 11.408 | | | |
| T.P. | 657.064 | | | | | |
| | 0.639 | | 0.534 | | | |
| ⊼ | 657.703 | -10.999 | -10.001 | | | |
| | 11.638 | | 11.535 | | | |
| T.P. | 646.065 | | | | | |
| | 0.712 | | 0.661 | | | |
| ⊼ | 646.777 | -10.486 | -10.484 | | | |
| | 11.198 | | 11.145 | | | |
| T.P. | 635.579 | | | | | |
| | 0.714 | | 0.641 | | | |
| ⊼ | 636.293 | -10.396 | -10.398 | | | |
| | 11.110 | | 11.039 | | | |
| T.P. | 625.183 | | | | | |

JOB NO. 007504 SURVEY OF Lullwieler Rd NOTES RED.
SURVEY BY R.L. Willey DATE
NOTES BY " DATE 4-8-59 NOTES CHKD. J.G.
INDEXED C. Johnson DATE DATE 6-23-59

F.B. 2234 PG. 148

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED ____ JOB NO. 007504 SURVEY OF Lintwieler Rd
DATE ____ SURVEY BY R.L. Willey
NOTES CHKD. J.G. NOTES BY ____ DATE 4-8-59
DATE 6-23-59 INDEXED J. C. Johnson DATE ____

F.B. 2234 PG. 149

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 625.183 | | | | | |
| | 2630 | | 2,475 | | | |
| ⊼ | 627.813 | -9.121 | -9.121 | | | |
| | 11.751 | | 11596 | | | |
| T.P. | 616.062 | | | | | |
| | 2.939 | | 3017 | | | |
| ⊼ | 619.001 | -8.251 | -8.250 | | | |
| | 11.190 | | 11.267 | | | |
| T.P. | 607.811 | | | | | |
| | 0673 | | 0529 | | | |
| ⊼ | 608.484 | -7.169 | -7.170 | | | |
| | 7842 | | 7699 | | | |
| T.P. | 600.642 | | | | | |
| | 1,627 | | 1,418 | | | |
| ⊼ | 602.269 | -7.446 | -7.448 | | | |
| | 9.073 | | 8.866 | | | |
| T.P. | 593.196 | | | | | |
| | 1323 | | 1,237 | | | |
| ⊼ | 594.519 | -6.616 | -6616 | | | |
| | 7,939 | | 7.853 | | | |
| T.P. | 586.580 | | | | | |
| | 1222 | | 1,161 | | | |
| ⊼ | 587.802 | -7.129 | - | | | |
| | 8,351 | | 8.290 | | | |
| T.P. | 579.451 | | | | | |
| | 9109 | | 8,990 | | | |
| ⊼ | 588.560 | +7.475 | 7.475 | | | |
| | 1,634 | | 1.515 | | | |
| PI 3/4" I.P. | 586.926 | | | | 586.717 | PI 3/4" I.P. conc plug & N. 20'± N of Engine House Camino Ave & Reichling St |

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 586,926 | | | | | 3/4" IP con |
| | 2988 | | 2883 | | | |
| | 589914 | -0,575 | -0.575 | | | |
| set | 3,563 | | 3458 | | | BM # L-8 |
| BM # L-8 | 586,351 | | | | 586.161 | Richling St and Los Maries Ave Ho. 50± S. of ℄ int., 2½ N. of N.W. Cor. Pumon A Std COUNTY ENGRS MON Mrkd R.E. 5869 & B.M. NO. L-8 |
| | 3254 | | 3188 | | | |
| ⊼ | 589.605 | +0.675 | +0.675 | | | |
| | 2579 | | 2513 | | | |
| T.P. | 587,026 | | | | | |
| | 6569 | | 6,512 | | | |
| ⊼ | 593,595 | +3.493 | +3.492 | | | |
| | 3076 | | 3,020 | | | |
| TP | 590,519 | | | | | |
| | 2276 | | 2,168 | | | |
| ⊼ | 592.795 | -9,017 | 9.018 | | | |
| | 11 293 | | 11,186 | | | |
| T.P. | 581,502 | | | | | |
| | 0927 | | 0,807 | | | |
| ⊼ | 582,429 | -8,093 | -8,092 | | | |
| | 9,020 | | 8,899 | | | |
| T.P. | 573,409 | | | | | |
| | 0,979 | | 1,048 | | | |
| ⊼ | 574388 | -6,500 | -6,500 | | | |
| | 7479 | | 7.548 | | | |
| T.P. | 566909 | | | | | |
| | 6,255 | | 6109 | | | |
| ⊼ | 573,164 | -2,363 | -2363 | | | |
| | 8 618 | | 8472 | | | |
| T.P. | 564,546 | | | | | |

JOB NO. 007504 SURVEY OF Lutwieler Rd NOTES RED.
SURVEY BY R L Willey DATE 4-8-59 NOTES CHKD. J.G.
NOTES BY " DATE
INDEXED C. Johnson DATE 6-23-59

F.B. 2234 PG. 150

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| T.P. | 564.546 | | | | | |
| | 3.248 | | 3.160 | | | |
| ⊼ | 567.794 | +0.657 | +0.657 | | | |
| | 2.591 | | 2.503 | | | |
| T.P. | 565.203 | | | | | |
| | 5.163 | | 5.047 | | | |
| ⊼ | 570.366 | -0.421 | -0.421 | | | |
| | 5.584 | | 5.468 | | | |
| T.P. | 564.782 | | | | | |
| | 8.130 | | 8.010 | | | |
| ⊼ | 572.912 | +7.249 | +7.249 | | | |
| | 0.881 | | 0.761 | | | |
| T.P. | 572.031 | | | | | |
| | 7.410 | | 7.317 | | | |
| ⊼ | 579.441 | +4.566 | 4.569 | | | |
| | 2.844 | | 2.748 | | | |
| T.P. | 576.597 | | | | | |
| | 3.809 | | 3.726 | | | |
| ⊼ | 580.406 | -3.018 | -3.021 | | | |
| | 6.827 | | 6.747 | | | |
| T.P. | 573.579 | | | | | |
| | 4.447 | | 4.393 | | | |
| ⊼ | 578.026 | -1.389 | -1.388 | | | |
| | 5.836 | | 5.781 | | | |
| T.P. | 572.190 | | | | | |
| | 3.701 | | 3.659 | | | |
| ⊼ | 575.891 | -5.056 | -5.055 | | | |
| | 8.757 | | 8.714 | | | |
| T.P. | 567.134 | | | | | |

NOTES RED. _____ JOB NO. 0025.04 SURVEY OF Lultwieler Rd
DATE _____ SURVEY BY R.L. Willey
NOTES CHKD. J.G. NOTES BY C. Johnson DATE 4-8-59
DATE 6-23-59 INDEXED _____ DATE _____

F.B. 2234 PG. 151

76S420 S & E-353 4-54

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|---|---|---|---|---|---|---|
| T.P. | 567,134 | | | | | |
| | 3167 | | 3032 | | | |
| ⊼ | 570,301 | -4,637 | 4,638 | | | |
| | 7,804 | | 7,670 | | | |
| BM 38-8 | 562,497 | | | | 562.274 | BM# 38-8 El=562.274 FB1359-14 Hacienda Blvd 0.45 S. of Los Altos Dr. The ℄ P.I. of the 7th curve S.O Los Altos Dr 4.9 Ely ctr, Pvmt 20' Wly P.P. #441109E A Std. C.S. MON. in Hand Hole Stmpd COUNTY SURVEYOR MONUMENT RE2177 |
| | 2024 | | 1,919 | | | |
| ⊼ | 564,521 | -7,104 | -7,103 | | | |
| | 9,128 | | 9022 | | | |
| T.P. | 555,393 | | | | | |
| | 0,989 | | 0,721 | | | |
| ⊼ | 556,382 | -6,462 | -4,462 | | | |
| | 7,451 | | 7,183 | | | |
| T.P. | 548,931 | | | | | |
| | 1,182 | | 1,133 | | | |
| ⊼ | 550,113 | -7,001 | -7,003 | | | |
| | 8,183 | | 8,136 | | | |
| T.P. | 541,930 | | | | | |
| | 1384 | | 1,258 | | | |
| ⊼ | 543,314 | -6,313 | -6,311 | | | |
| | 7,697 | | 7569 | | | |
| T.P. | 535,617 | | | | | |
| | 3,039 | | 3164 | | | |
| ⊼ | 538,656 | -6,487 | -6,485 | | | |
| | 9,526 | | 9,649 | | | |
| T.P. | 529,130 | | | | | |
| | 1,642 | | 1,546 | | | |
| ⊼ | 530,772 | -6,958 | -6,958 | | | |
| | 8,600 | | 8504 | | | |
| T.P. | 522,172 | | | | | |

NOTES RED
DATE
NOTES CHKD J.G.
DATE 6-23-59

JOB NO. 007504 SURVEY OF Luitwieler
SURVEY BY R.L. Willet
NOTES BY " DATE 4-8-59
INDEXED C. Johnson DATE

F.B. 2234 PG. 152

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

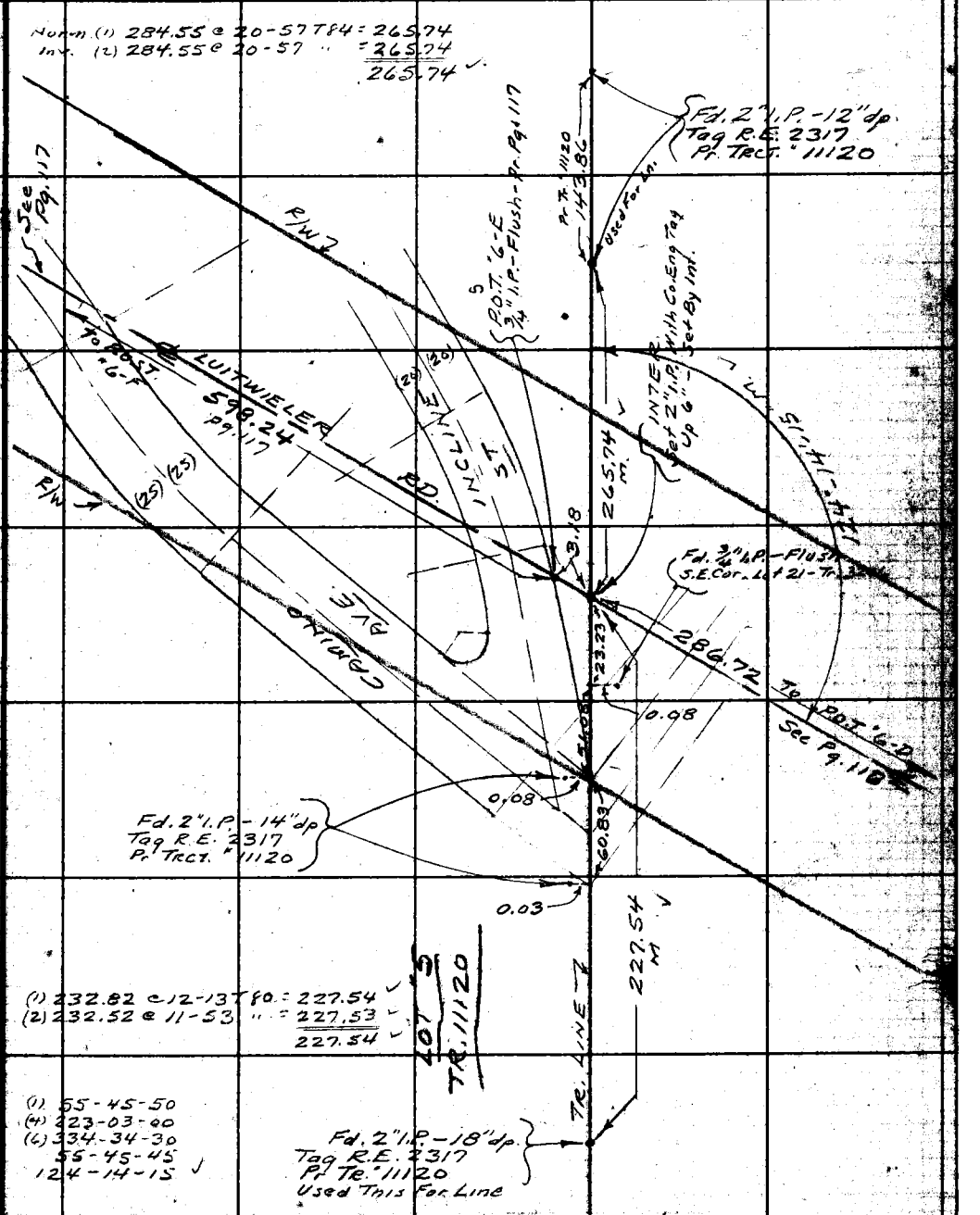
| B.M. | 1ST RUN | DIFF. | 2ND RUN | 3RD RUN | ADJ. ELEV. | DESCRIPTION |
|---|---|---|---|---|---|---|
| TP | 522,172 | | | | | |
| | 1807 | | 1,420 | | | |
| ⊼ | 523,979 | -4,546 | -4,543 | | | |
| | 6,353 | | 5963 | | | |
| T.P. | 517,626 | | | | | |
| | 0608 | | 0539 | | | |
| ⊼ | 518,234 | -8,435 | -8,437 | | | |
| | 9,043 | | 8976 | | | |
| T.P. | 509,191 | | | | | |
| | 1860 | | 1,772 | | | |
| ⊼ | 511,051 | -6,003 | -6,003 | | | |
| | 7863 | | 7,775 | | | |
| T.P. | 503,188 | | | | | |
| | 0566 | | 0432 | | | |
| ⊼ | 503,754 | -5,992 | -5,990 | | | |
| BM | 6,558 | | 6422 | | | BM # 38-9 EL=496.986 FB1359-15 |
| 38-9 | 497,196 | | | | 496.986 | Hacienda Blvd & Los Altos Rd, 63' E of ℄ int. A Std. COUNTY SURVEYOR MON. in a Hand hole stmpd BM 38-9, 1954 RE63 |

NOTES RED. JOB NO. 007504 SURVEY OF Luitwieler Rd
DATE SURVEY BY R.L. Willey
NOTES CHKD. J.G. NOTES BY [illegible] C. Johnson DATE 4-8-59
DATE 6-23-59 INDEXED DATE

F.B. 2234 PG. 153

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD. |
| Map No. B2626 | JN 0075.04 Tape ___ Std ___ °F |
| Office Work R. L. GREEN | Surveyed by A.N. Hellstrom |
| Checked J. AJA | Notes A.N.H. Date 6-10-59 |
| Date Sept. 1959 | Indexed A. C. Johnson 6-15-59 |

F. B. 2234 PG. 155




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

Do not extend this side of this line.

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

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD. |
| Map No. B2626 | JN 0075.04 Tape 142 Std 84 °F |
| Office Work R. L. GREEN | Surveyed by A.N. HELLSTROM |
| Checked J. AJA | Notes A.N.H. Date 6-10-59 |
| Date Sept. 1959 | Indexed A. C. Johnson |

F. B. 2234 Pg. 157

CONT. ON BOTTM. Pg. 158

WS 37-E5

19.75 @ 0-0 T76 = 19.75
(1) 300.01 @ 3-28 T76 = 299.44
(2) 299.98 @ 3-21 T" = 299.45
235.17 @ 0-0 T" = 235.16
Avg. = 554.35

(40)

110.64 M. To Bt. Spk W&T

Set Lrg. Bt. Spk W&T. In Pvmt.

(20) VIEWFIELD AVE

TRACT #11120

REICHLING ST.

TRACT LINE

554.35 M.

(1) 256.78 @ 10-02 T72 = 252.83
(2) 257.03 @ 10-20 T" = 252.84

(1) 109.05 @ 10-51 T72 = 107.08
(2) 109.32 @ 11-32 T" = 107.08
Avg = 359.91

(40)

110°-16'-55" M.

21.25

0.275

21.04

Fd. 2" I.P. - 12" dp Tag R.E. 2317 N.E. Cor. Lot #19 - Tr. 3206 Pr. Tr. #11120

Fd. 2" I.P. - 5" dp Conc. Plug - No Nail N.E. Cor. Lot #11 Pr. Tr. #11120

359.91 M.

(1) 110-17-00
(4) 81-07-30
(6) 301-41-20
110-16-55

Fd. 1" I.P. & Nail - Up 18" S.E. Cor. Tr. #3206 S.E. Cor Lot #11 - Pr. Tr. #11120

Set 1x1 - 12" dp at 21.31 S from 2" I.P. ½ Road Width Pr. Tr. 11120

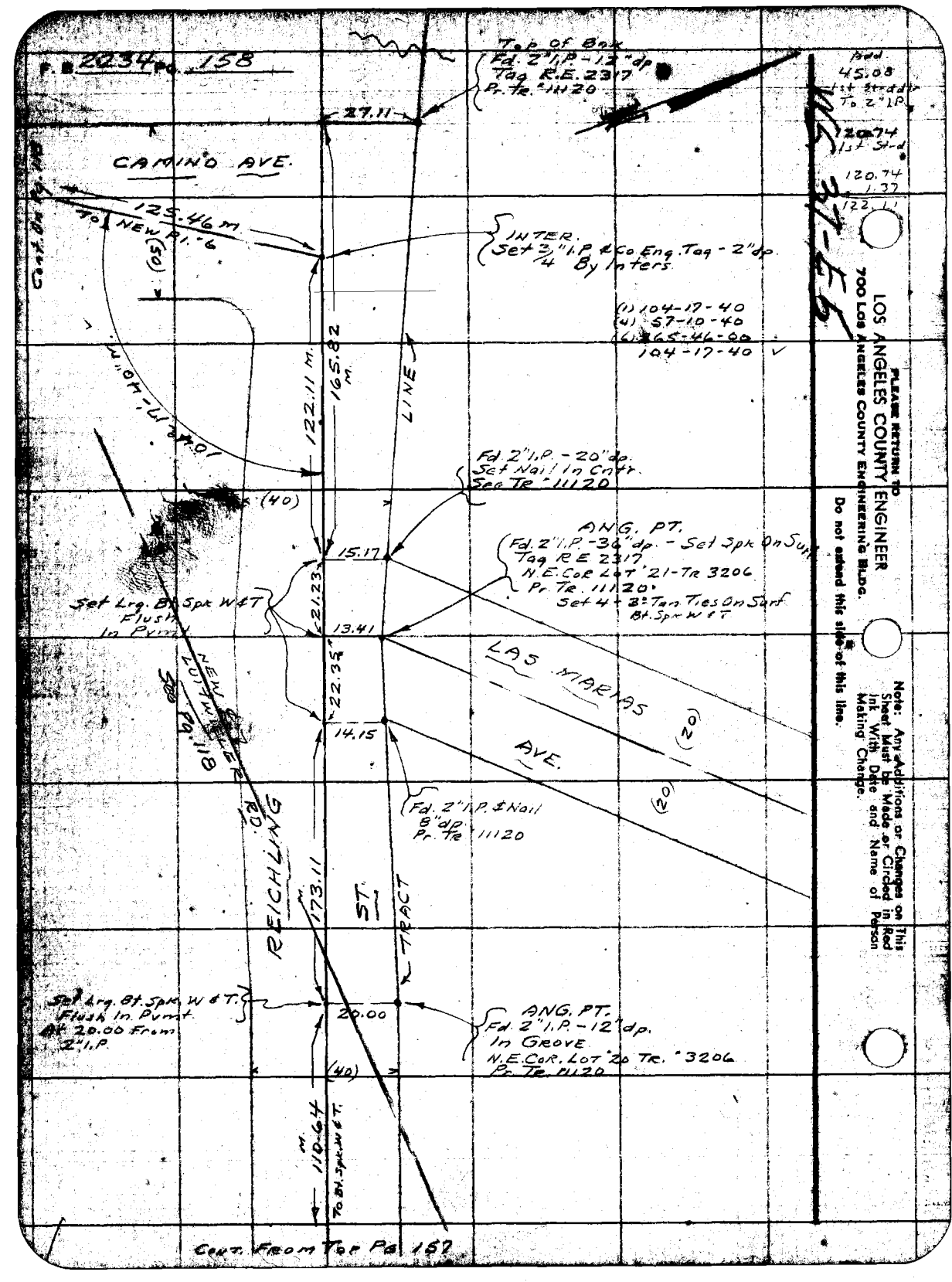
Fd. 2x2 & Nail 12" dp No Ref. 0.01 E. of Line

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

Do not extend this side of this line.

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

78F3098 S&E #247 1-56


F.B. 2234 Pg. 158
Top of Box
Fd. 2" I.P. - 12" dp.
Tag R.E. 2317
Pr. Tr. 11120
27.11
CAMINO AVE.
125.46 m.
To NEW Pl. 6
(50)
INTER.
Set 3/4" I.P. & Co Eng. Tag - 2" dp.
By Inters.
(1) 104-17-40
(4) 57-10-40
(6) 265-46-00
104-17-40
122.11 m.
165.82 m.
LINE
Fd. 2" I.P. - 20" dp.
Set Nail In Cntr.
See Tr. 11120
(40)
ANG. PT.
Fd. 2" I.P. - 36" dp. - Set Spk On Surf.
Tag R.E. 2317
N.E. Cor. Lot 21 - Tr. 3206
Pr. Tr. 11120
Set 4 + 3 Tan Ties On Surf.
Bt. Spk W & T
15.17
21.23
Set Lrg. Bt. Spk W & T
Flush
In Pvmt.
13.41
22.35
LAS MARIAS
AVE.
(20)
(20)
14.15
NEW LUTWILLER RD.
See Pg. 118
Fd. 2" I.P. & Nail
8" dp.
Pr. Tr. 11120
REICHLING
173.11
ST.
TRACT
Set Lrg. Bt. Spk. W & T.
Flush In Pvmt.
At 20.00 From
2" I.P.
20.00
ANG. PT.
Fd. 2" I.P. - 12" dp.
In Grove
N.E. Cor. Lot 20 Tr. 3206
Pr. Tr. 11120
(40)
110.64 m.
To Bt. Spk. W & T.
Cont. From Top Pg. 157
Add
45.08
1st Strd dir
To 2" I.P.
120.74
1st Strd
120.74
1.37
122.11
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUTHWIELER RD. |
| Map No. B-2626 | JN 8075.04 Tape ____ Std ____ °F |
| Office Work R. L. GREEN | Surveyed by A.H. Hellstrom |
| Checked J. AJA | Notes A.H.H. Date 6-1959 |
| Date Sept. 1959 | Indexed C. Johnson |

F. B. 2234 Pg. 177

July 30-1959
(1) 77-47-00
(4) 311-09-00
(6) 106-43-40
77-47-15

N

P.I.
Fd. C.S. Br. Cp. Mon.
18" dp
Pr. F.B. 764-91

BLVD

℄
Δ = 37-24-10
R = 200.03
T = 67.71
L = 130.58

Set 2" I.P. & Tag - 24" dp
By Calc. Ang. & Dist.
See Pg. 166

Set 2" I.P. & Co. Eng. Tg
12" dp - By Inter.

F.B. 764-91
484.33

77-47-15"
M.

Δ = 38°20'00"
40.958

P.O.C. - Set 3/4" I.P.
In Bot. of Wash

LUTHWIELER RD

1835.98 Calc

Set 2" I.P. & Tag
By Calc. Ang. & Dist.
See Pg. 166

INTER
Set 2" I.P. & Co. Eng. Tg
12" dp By Inter.

253.28 Calc

53.28 M
20.46 calc.
20.40 M

111.38 M

℄
Δ = 38-46-25
R = 299.69
T = 105.56
L = 202.81

To RD

210.93

Calc
2103.24

Line

10.13

0.07

To EW P.I. 6

262.52
Calc.

See F.B. 691-198
old ℄

RD

1946.47

To old P.I. A-1

Cont From Top Pg. 118

75.48
Calc

Prich. Mrk
In Mon
Pr. F.B. 691
pg. 198

P.I.
Fd. C.S. Mon. 30" dp
Pr. F.B. 764-91
" TR 19761
" F.B. 691-198

Proposed P.I.
Set 2" I.P. & Tag - 20" dp
By Calc. Ang. & Dist.
See pg. 166

PROPOSED HACIENDA BLVD

HACIENDA BLVD

Proposed Hacienda Blvd

℄
Δ = 19-53-10
R = 299.20
T = 52.45
L = 103.84

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

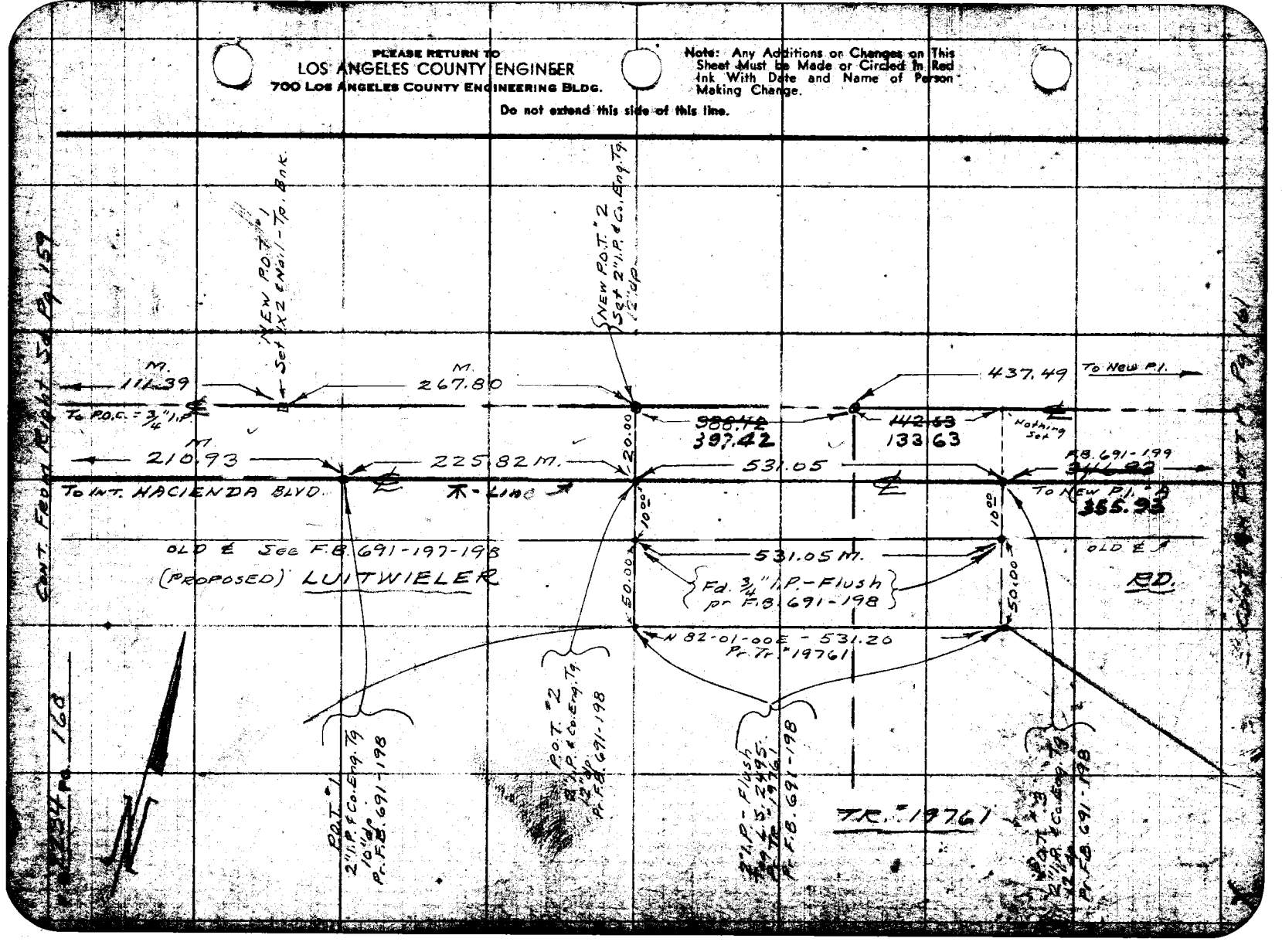
Do not extend this line.

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

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

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

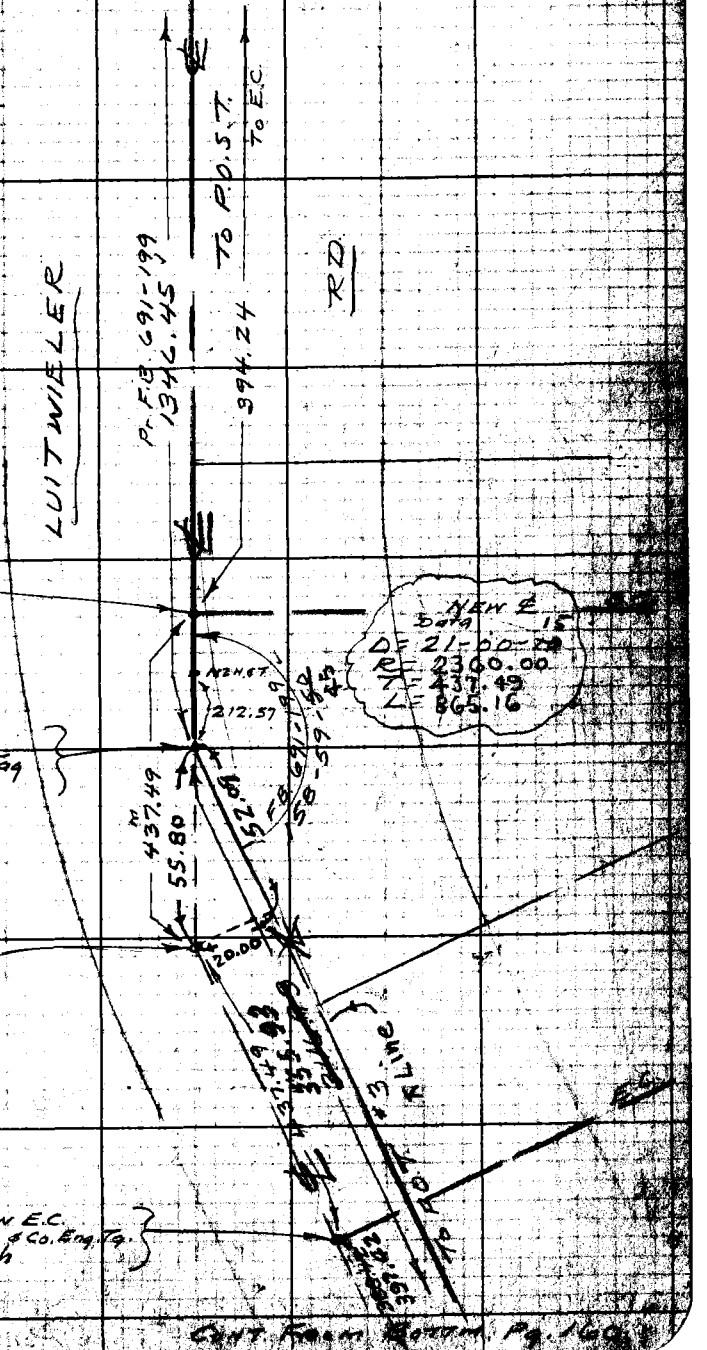
Do not extend this side of this line.



| | |
|---|---|
| Notes Ck'd by Galli | Survey of LUITWIELER RD. |
| Map No. B2626 | JN 0075.04 Tape 124 Std 84 °F |
| Office Work R. L. GREEN | Surveyed by A.N. Hellstrom |
| Checked J. AIA | Notes A.N.H. C. Date 6-1959 |
| Date Sept. 1959 | Indexed |

F.B. 2234 Pg. 161

CONT. ON BOTTOM Pg. 162




CONT. FROM BOTTOM Pg. 160

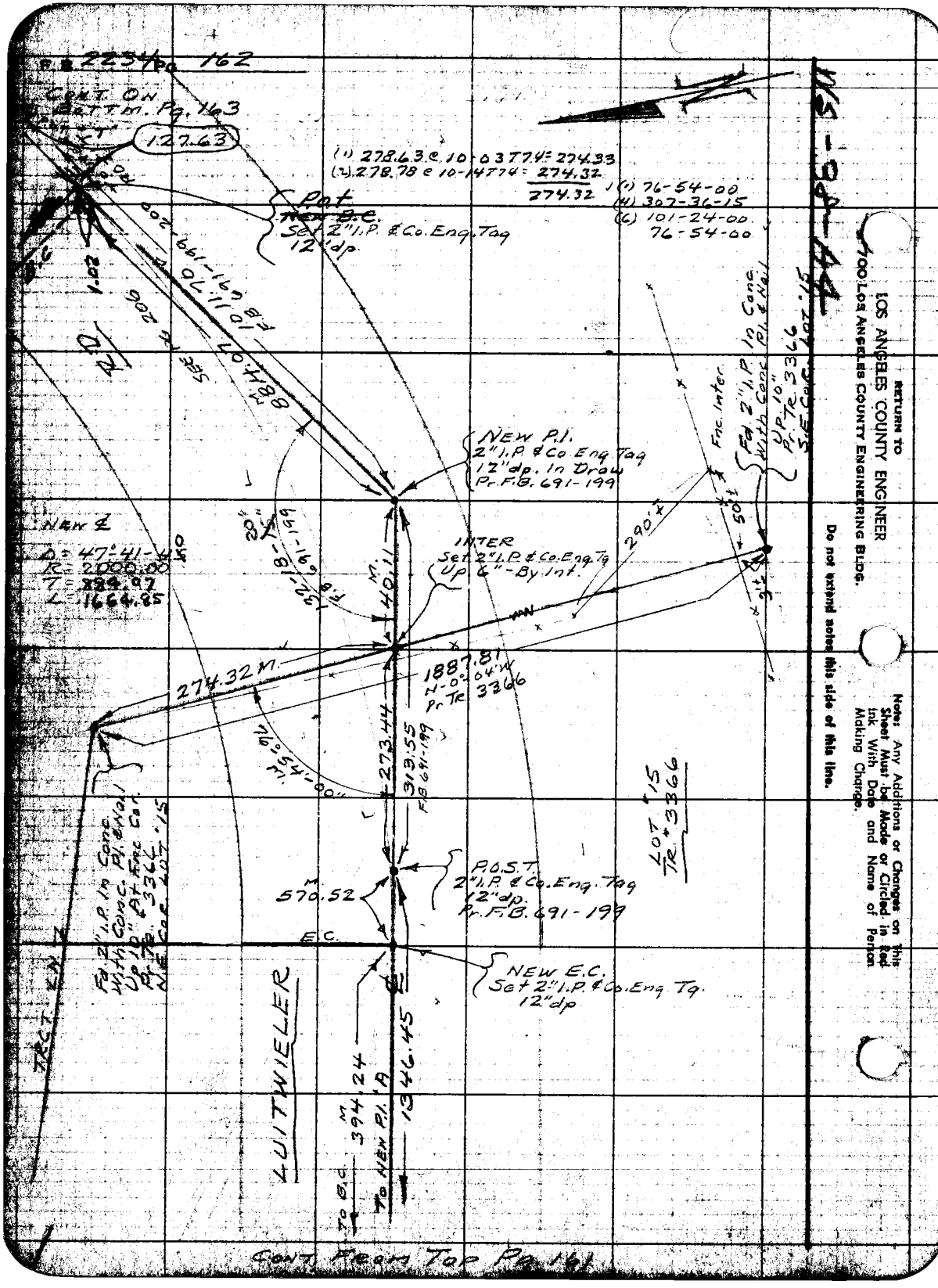
W.S. 38-44

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

Do not extend notes this side of this line.

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

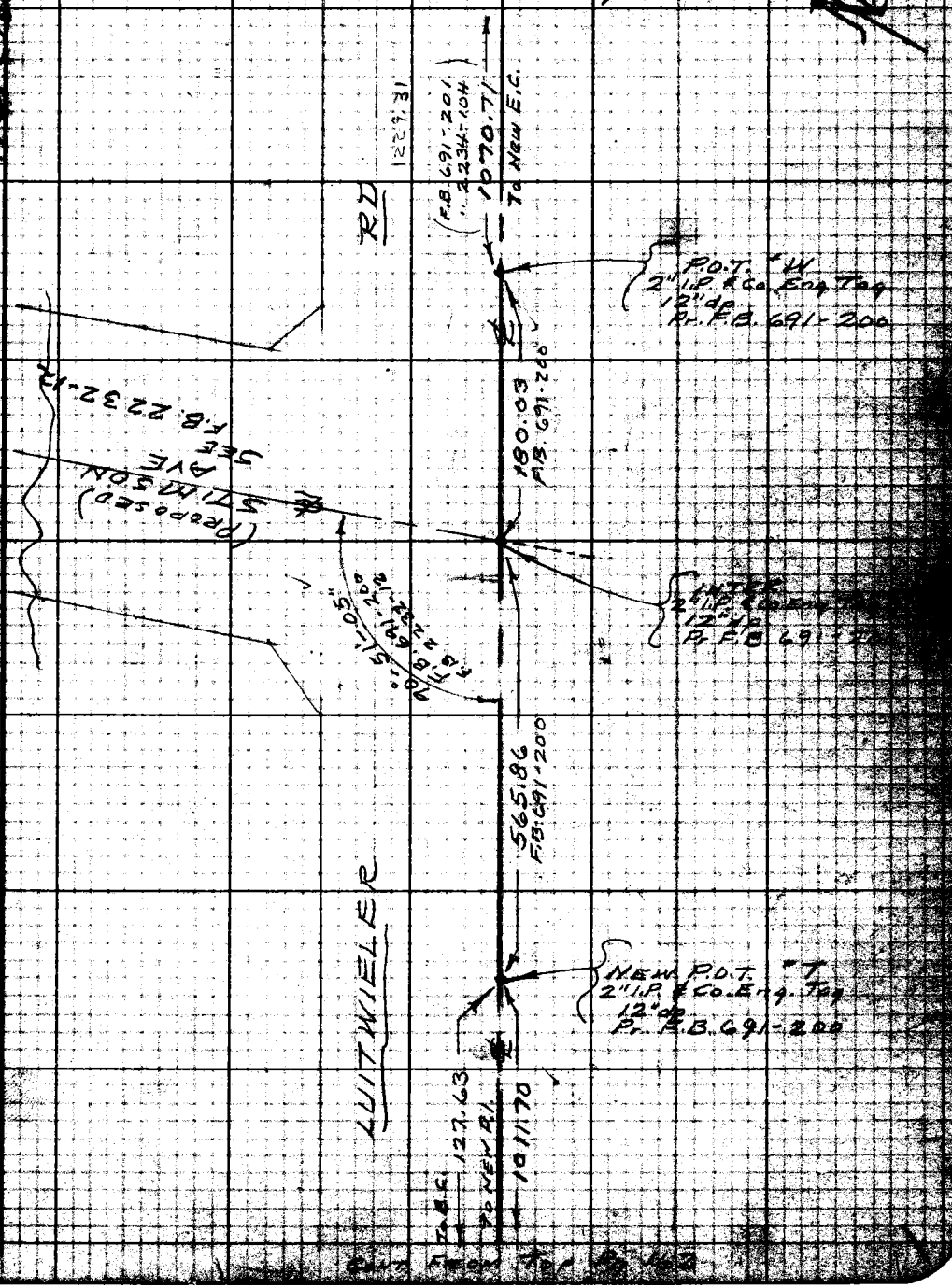
76P309S CE #247—3-57


F.B. 2234 Pg. 162
Cont. On Bottm. Pg. 163
127.63
(1) 278.63 @ 10-03 T74 = 274.33
(2) 278.78 @ 10-14 T74 = 274.32
274.32
(1) 76-54-00
(4) 307-36-15
(6) 101-24-00
76-54-00
Pot
New B.C.
Set 2" I.P. & Co. Eng. Tag
12" dp.
1.02
Sec. 206
10-11-70
F.B. 691-199-200
884.07
New P.I.
2" I.P. & Co. Eng. Tag
12" dp. In Draw
Pr. F.B. 691-199
Fnc. Inter.
Fd. 2" I.P. In Conc.
With Conc. Pl. & Nail
Up 10"
Pr. Tr. 3366
S.E. Cor. Lot 15
New ℄
Δ = 47°41'-40"
R = 2000.00
T = 884.07
L = 1664.85
INTER
Set 2" I.P. & Co. Eng. Tg
Up 6" - By Int.
290'±
50'±
3'±
40.11
274.32 M.
1887.81
N-0°04'W
Pr. Tr. 3366
76°54'-00"
273.44
313.55
F.B. 691-199
Lot 15
Tr. 3366
P.O.S.T.
2" I.P. & Co. Eng. Tag
12" dp.
Pr. F.B. 691-199
570.52
E.C.
New E.C.
Set 2" I.P. & Co. Eng. Tg.
12" dp
Fd. 2" I.P. In Conc.
With Conc. Pl. & Nail
Up 10" At Fnc. Cor.
Pr. Tr. 3366
N.E. Cor. Lot 15
Trct. ℄ N
LUITWIELER
394.24
1346.45
To B.C.
To New P.I. A
Cont. From Top Pg. 161
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

| | |
|---|---|
| Notes Ck'd by: Galli | Survey of: LUITWIELER RD |
| Map No.: B2626 | IN 0075.04 Tape 150 Std 84 °F |
| Office Work: R. L. GREEN | Surveyed by: A.N. Hellstrom |
| Checked: J. AJA | Notes: A.N.H. Date: 6-1959 |
| Date: Sept. 1959 | Indexed: E. C. Johnson |

F.B. 2234 Pg. 163

Cont. On Bottm. Pg. 164

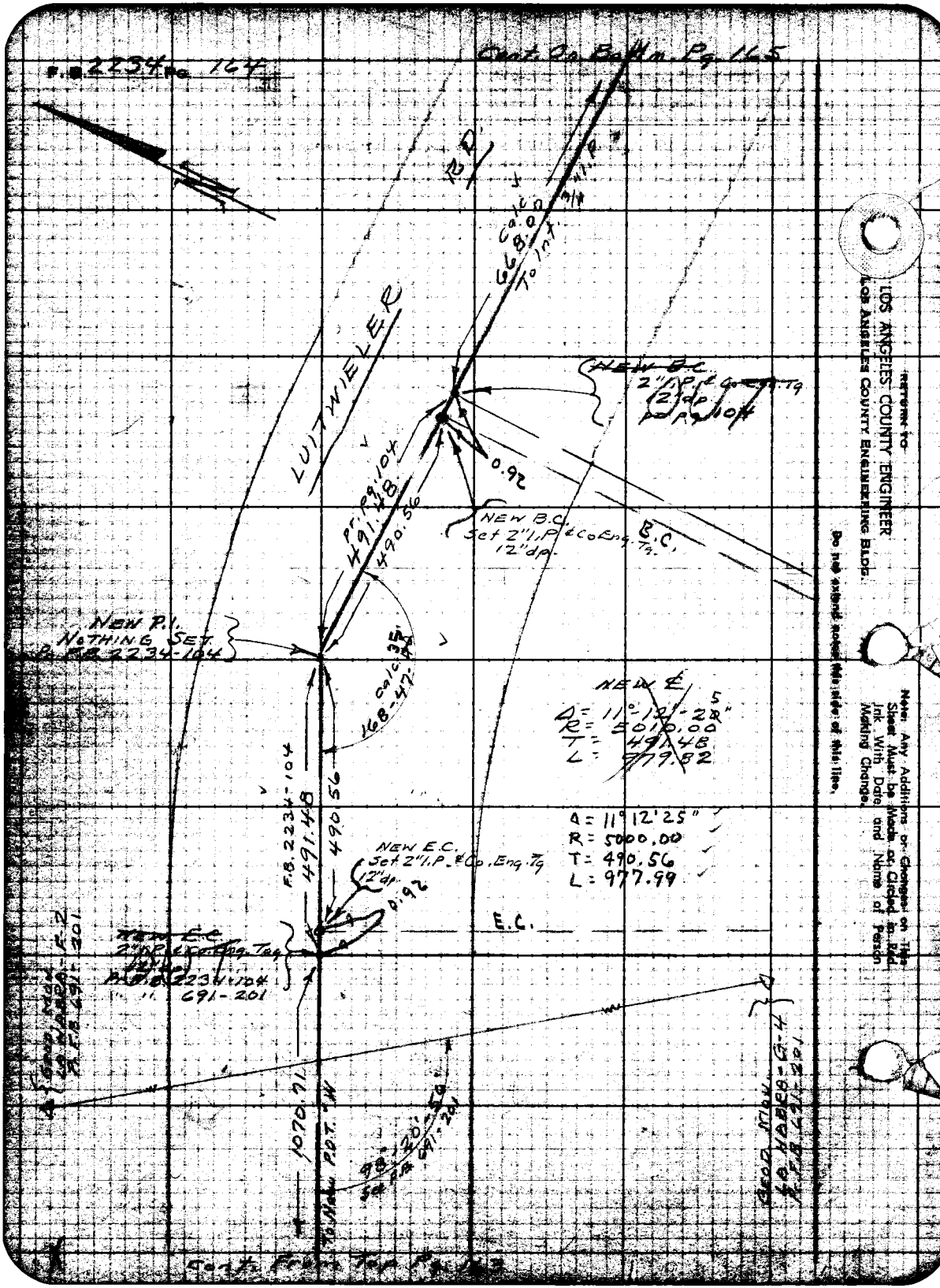



Cont. From Top Pg. 162

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

Do not extend notes this side of this line.

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


F.B. 2234 Pg. 164
Cont. On Bottom Pg. 165
LUITWIELER
R.D.
Calc. 668.00 To Int.
NEW B.C.
2" I.P. & Co. Eng. Tg.
12" dp.
0.92
NEW B.C.
Set 2" I.P. & Co. Eng. Tg.
12" dp.
B.C.
Pr. Pg. 104
491.48
490.56
NEW P.I.
NOTHING SET
F.B. 2234-104
Calc. 168-47.35
NEW ℄
Δ = 11°-12'-20"
R = 5010.00
T = 491.48
L = 979.82
Δ = 11°12'25"
R = 5000.00
T = 490.56
L = 977.99
F.B. 2234-104
491.48
490.56
NEW E.C.
Set 2" I.P. & Co. Eng. Tg.
12" dp.
0.92
E.C.
NEW E.C.
2" I.P. & Co. Eng. Tg.
F.B. 2234-104
691-201
1070.71
To New P.O.T. W
98°-20'-50"
Set F.B. 691-201
GEOD. MON.
LA HABRA-G-4
F.B. 691-201
Cont. From Top Pg. 163
RETURN TO
LOS ANGELES COUNTY ENGINEER
LOS ANGELES COUNTY ENGINEERING BLDG.
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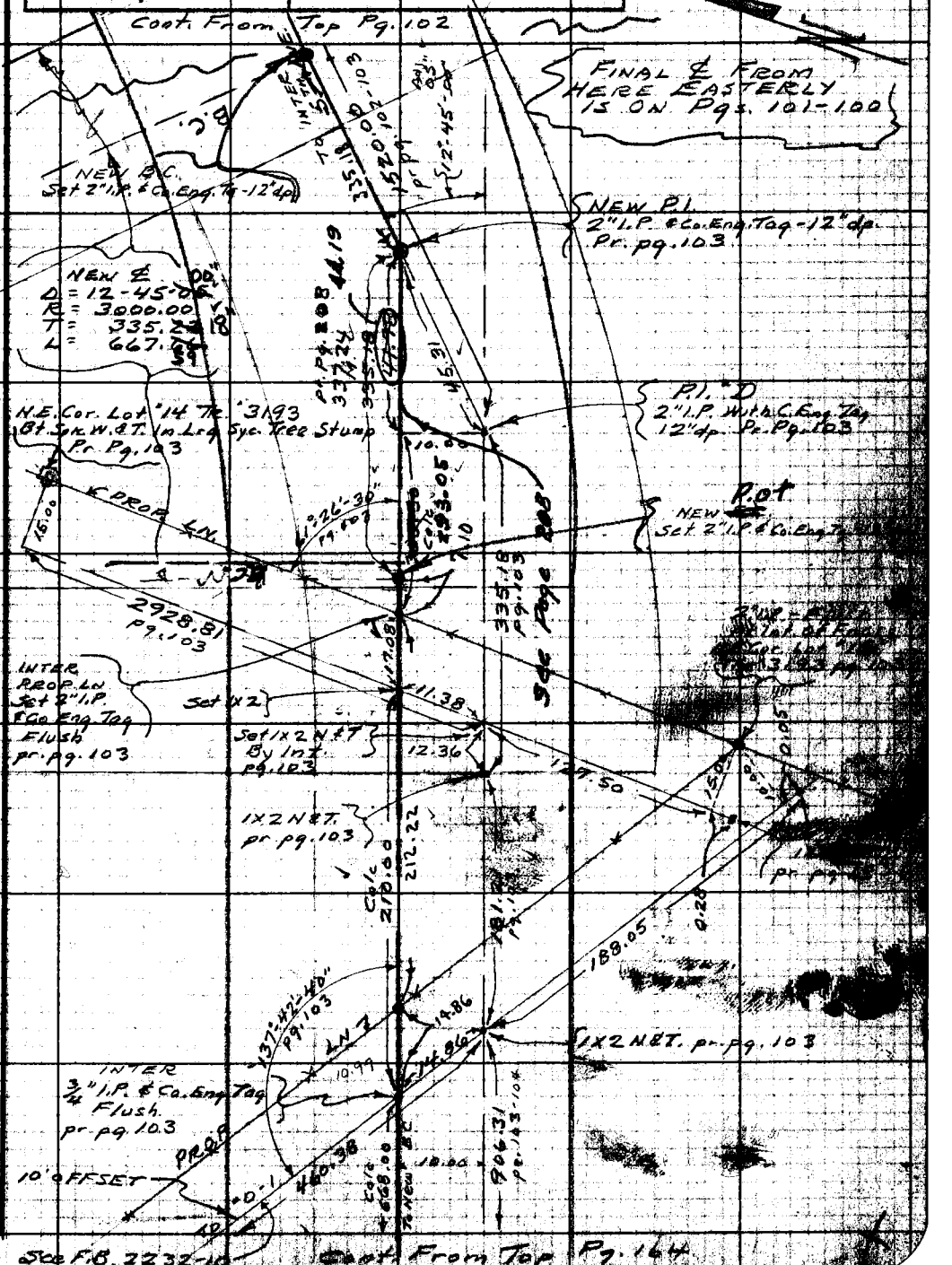
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by Galli
Map No. CSB-2626
Office Work R. L. GREEN
Checked J. AJA
Date Sept. 1959

Survey of LUITWIELER RD
JN P075.04 Tape ____ Std ____ °F
Surveyed by A.N. Hellstrom
Notes A.N.H. Date 6-1959
Indexed K. C. Johnson

F.B. 2234 Pg. 165




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

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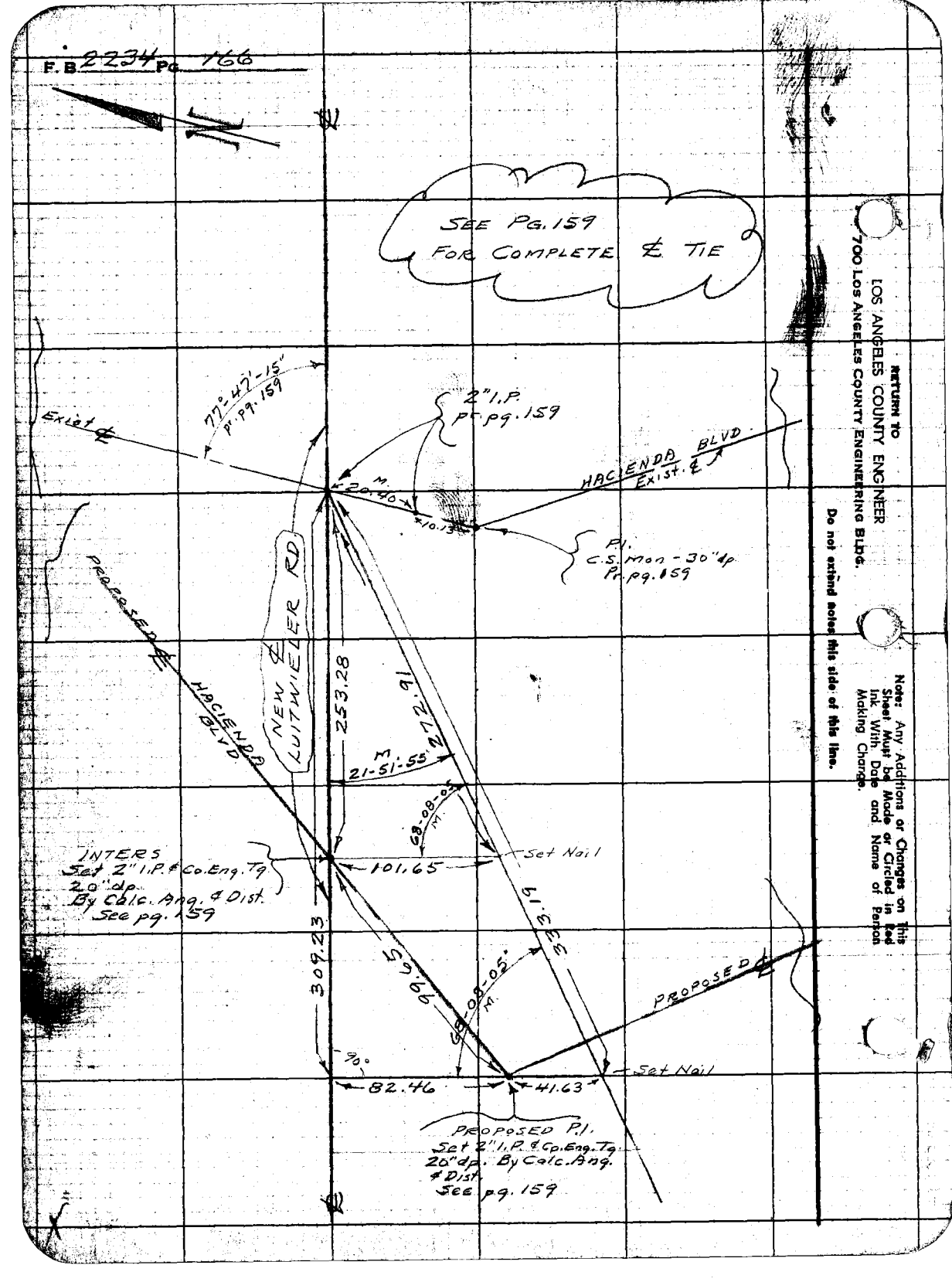
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #247—3-57

F.B. 2234 PG. 166




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

Do not extend notes this side of this line.

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

| | |
|---|---|
| Notes Ck'd by J. AJA | Survey of LUITWIELER RD. |
| Map No. B 2626 | W. O. 0075.04 Tape No. ____ St'd. ____ °F |
| Office Work Green | Surveyed by A.N. HELLSTROM |
| Checked J. AJA | Notes A.N.H. Date 4-11-57 |
| Date Sept. 1959 | Indexed E. C. Johnson 4-15-57 |

F.B. 2234 Pg. 167

J.N. #0075.04

LUITWIELER ROAD

THIS SURVEY IS TO PROVE UP ON ℄ of LUITWILER RD. FROM ℄ WHITTIER BLVD. TO P.I. #4 - LUITWIELER RD. AS SHOWN IN F.B. 691 - pgs. 126 - 132 {ORIGINAL SURVEY / C.S. B-1717} - 1948 yr. AND AS SHOWN IN F.B. 2131 - pgs. 7 - 22 - 1956 yr.

A.N. HELLSTROM
W.E. NEWMAN
C.W. ADAMS
M.V. DURAN

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

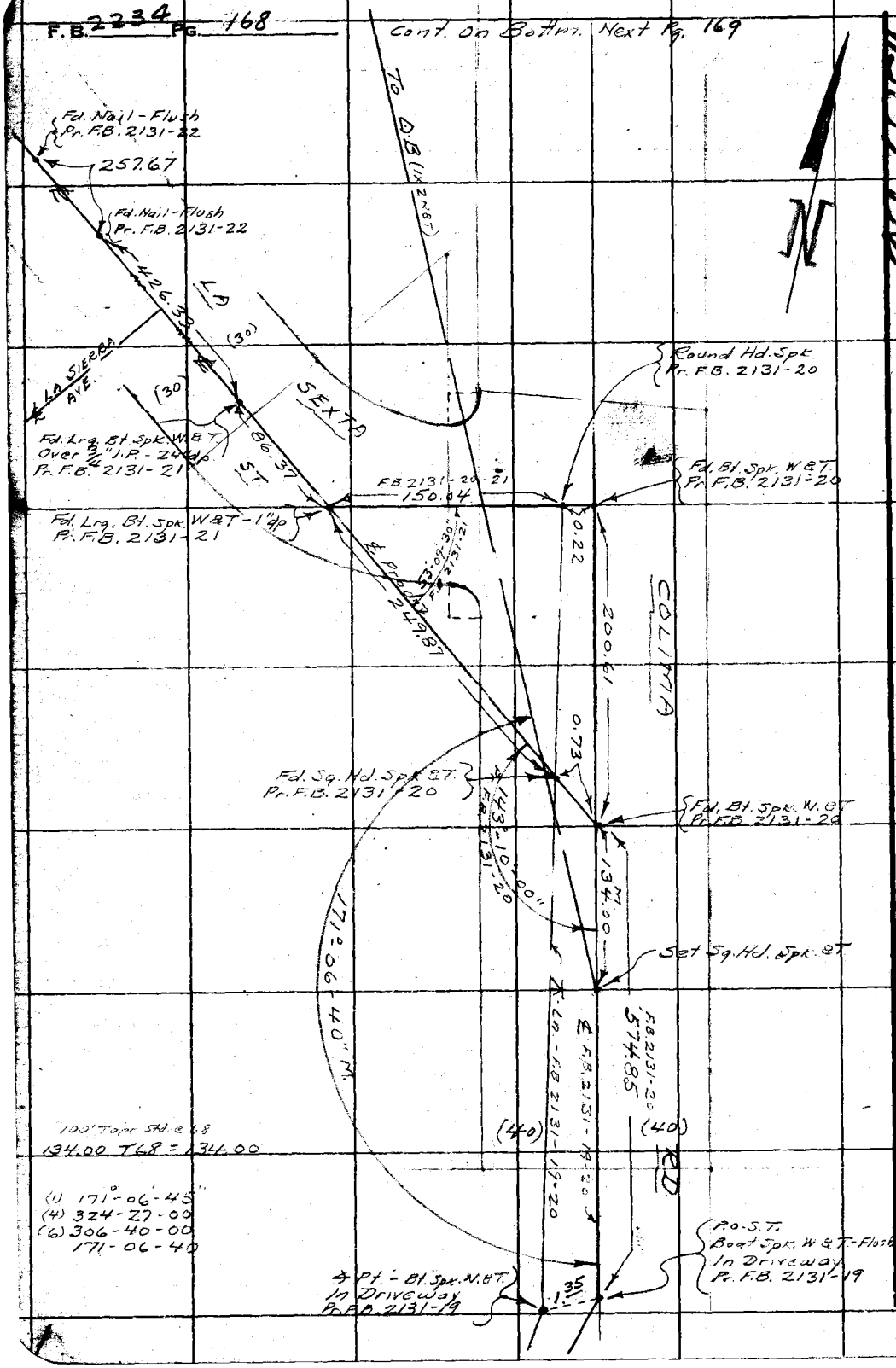
Do not attend notes this side of this line.

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

76F3098 S&E #247. 8-54

F.B. 2234 PG. 168

Cont. On Bottm. Next Pg. 169





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

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


WS.37-D6

| | |
|---|---|
| Notes Ck'd by J. AJA | Survey of LUITWIELER RD. |
| Map No. B 2626 | W. O. 0075.04 Tape No. ____ St'd. ____ °F |
| Office Work Green | Surveyed by A.N. Hellstrom |
| Checked J. AJA | Notes A.N.H. Date 4-11-59 |
| Date Sept. 1959 | Indexed C. Johnson |

F. B. 2234 Pg. 169

Cont. F.B. 691-132

N

D-A
1 x 1
Pt. F.B. 691-132
Not Fd.

P.O.S.T. = 3/4" I.P.
P.F.B. 691-132

To P.O.T. 3A 316.06

(1) 172°-43'-45"
(4) 330°-55'-00"
(6) 316-22-45
172-43-47½

Ang. At Point "X"
(1) 154-20-30
(4) 257-22-00
(6) 206-03-00
154-20-30

Ang At D B
(1) 100°-16-30
(4) 41-06-30
(6) 241-39-45
100°-16'-37½"

P.I. #3
Fd. 3/4" I.P. - 8" dp
P.F.B. 691-132

36.54
99.42
172°-43'-47½"
155°-57'-30"
F.B. 691-132
546.07
F.B. 691-131-132
438.67
F.B. 691-131-132

Set Nail in 10" or. Tr. at Crotch

56+86.25
P.O.T. 2A
Fd. 3/4" I.P. - 8" dp.
P.F.B. 691-131 - 154.92 Dist. DB To P.O.T. 2A

Point "X"
Set 1X1 - Flush

2.58
Set Nail in 8" or. Tr. 1' above grd
13.76
16.41
D-B
Fd. 1 X 2 NBT
Flush
P.F.B. 691-131

8.29
154.92
100°-16'-37½"
100°-40'-00"
F.B. 691-131
164°-20'-30"
M.

SEE F.B. 691-130-131-132 FOR ORIGINAL BEARINGS and DISTS. ON LUITWIELER RD. FROM P.I. #2 To P.I. #3

Set Chis. x)
Top 12" Stw. Pp.

S 33°E

Bt. Spk. W.B.T.
Pr. Prev. Pg.

To EC 46+59.10
P.F.B. 691-131

1344.00
P.F.B. 691-131
5748.75
P.F.B. 691-131
P.F.B. 691-131

Sq. Hd. Spk & T
Pr. Prev. Pg.

Cont. From Top Prev. Pg. 168.

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

76F3095 S&E #247. 8-54

| Profile | Notes Red | Plotted | Job No. 0075.51 | Division No. 10 | F. B. 2234 Pg. 201 |
|---|---|---|---|---|---|
| No. | Date | Date | Survey of ~~LUITWIELER RD~~ Hadley St. | | |
| X-Sec. | Notes Chkd. JM | Checked | Survey by Hellstrom | Notes A.N.H. | Date 11-3-59. |
| No. | Date | Date | Map No. | Indexed E. C. Johnson | Date 11-4-59 |

J.N. #0075.51
Hadley St. (Additional)
~~LUITWIELER ROAD~~

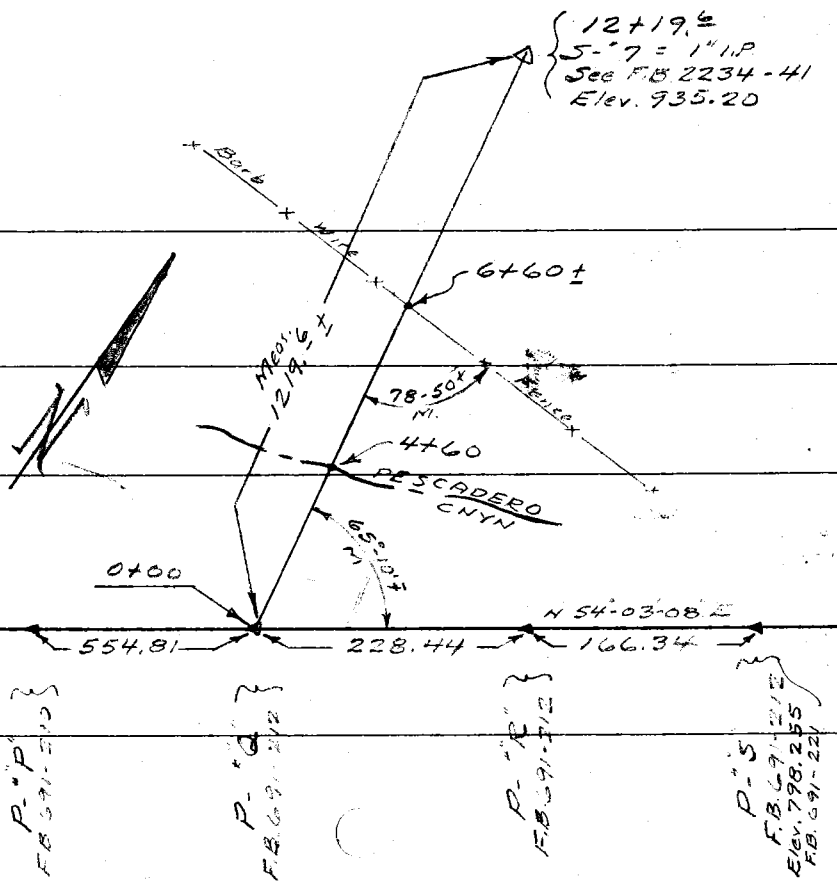
PROFILE BETWEEN Δ-S-"7 & P-"Q".

(USING ELEV. 935.20 FOR "S-7 AS BASIS OF PROFILE)

A.N. Hellstrom
E.T. Monkey-Jr.
R.A. Swann
C.A. Pyle

PLAN OF STATIONING ON THIS PAGE

PROFILE ON FOLLOWING 3-PAGES




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

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| P-"S" | | | | 798 61 | This Elev. Is The Check In Elev. Using ⊙ S-7 As Elev 935.20-F.B. 2234-41 P-"S"-Elev. 798.255 Pr. F.B. 691-221 | |
| 0+00 | | | | 818 31 | P-"Q" = 3/4" I.P.-Flush-F.B. 691-212 | |
| (Sta. 75+00) | T.P. ℄ LUITWIELER RD - | | | 811 94 | Fd. 1X1 With Mrkr Sta. 75+00 (Rd. Dpt.) Opposite P-"Q" | |
| 0+50 | | | | 806 60 | | |
| T.P. | | 802 88 | | | | |
| 1+00 | | | | 796 20 | | |
| T.P. | | 793 78 | | | | |
| T.P. | | 784 43 | | | | |
| +50 | | | | 778 30 | | |
| T.P. | | 774 94 | | | | |
| T.P. | | 765 72 | | | | |
| 2+00 | | | | 758 50 | | |
| T.P. | | 756 30 | | | | |
| T.P. | | 746 92 | | | | |
| T.P. | | 737 65 | | | | |
| +50 | | | | 734 40 | | |
| T.P. | | 728 28 | | | | |
| T.P. | | 719 14 | | | | |
| 3+00 | (T.P.) | | | 709 79 | | |

F.B. 2234 Pg. 202

Job No. 0075.51 Division No. 10 Notes Red. Plotted Profile

Survey of ~~Luitwieler Rd~~ Hadley St. (Alt) Date Date No. X-Sec.

Survey by Hellstrom Notes A.N.H. Notes Chkd. Checked

Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| T.P. | | 70037 | | | | |
| 3+50 | (T.P.) | | | 69100 | | |
| 3+92 | | | | 66200 | Bttm. Sm. Draw | |
| 4+00 | | | | 66610 | Sd. of Small Spur | |
| 4+25 | | | | 66450 | Top Sm. Spur | |
| +50 | | | | 64940 | Sd. of Bttm. of Cnyn. | |
| 4+60 | | | | 64700 | Bottm. of Cnyn (PESCADERO CNYN) | |
| 4+68 | | | | 64750 | Bottm " " Toe of Slope | |
| 5 — +00 | | | | 66460 | Side of Cnyn. | |
| T.P. | | 68274 | | | | |
| T.P. | | 69161 | | | | |
| T.P. | | 70092 | | | | |
| +50 | | | | 70340 | Side Hill | |
| T.P. | | 71035 | | | | |
| T.P. | | 71955 | | | | |
| T.P. | | 72901 | | | | |
| 6+00 | | | | 73290 | | |
| T.P. | | 73842 | | | | |
| T.P. | | 74754 | | | | |
| T.P. | | 75684 | | | | |
| +50 | | | | 76180 | | |
| T.P. | | 76593 | | | | |
| T.P. | | 77528 | | | | |
| 7+00 | (T.P.) | | | 78483 | | |
| T.P. | | 79415 | | | | |
| T.P. | | 80355 | | | | |
| +50 | | | | 80530 | | |
| T.P. | | 81287 | | | | |
| T.P. | | 82242 | | | | |
| 8 — +00 | | | | 82520 | Side Hill | |

Profile No. X-Sec. No. Notes Red. Date Plotted Date Notes Chkd. Checked Date Job No. 0075.51 Division No. 10 Survey of ~~[illegible]~~ RD. Hedley St. (Hold) Survey by Hellstrom Notes A.N.H. Date 11-3-59 Map No. Indexed C. Johnson Date

F. B. 2234 Pg. 233

76L-298 S & E #307—1-56

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

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| T.P. | | 83178 | | | | |
| T.P. | | 84125 | | | | |
| 8+50 | | | | 84290 | Side Hill | |
| T.P. | | 85062 | | | | |
| T.P. | | 86004 | | | | |
| 9+00 | | | | 86000 | | |
| T.P. | | 86918 | | | | |
| +50 | | | | 87500 | | |
| T.P. | | 87864 | | | | |
| T.P. | | 88795 | | | | |
| 10+00 | | | | 90170 | | |
| T.P. | | 89741 | | | | |
| T.P. | | 90694 | | | | |
| +50 | | | | 90860 | | |
| T.P. | | 91651 | | | | |
| 11+00 | | | | 91980 | | |
| T.P. | | 92588 | | | | |
| +50 | | | | 92810 | Side Hill | |
| 12+19.6 = S-"7 | | | | 93520 | - S-"7 = Q PT. = 1" I.P. - Elev. 935.20 pr F.B. 2234-41 | |

F. B. 2234 Pg. 204

Job No. 0075.51 Division No. 10 Notes Red. Plotted Profile

Survey of ~~Luitwieler~~ RD. Hadley St. Date Date No. X-Sec.

Survey by Hellstrom Notes B.N.H. Notes Chkd. Checked No.

Indexed K. C. Johnson Date Date Date

| | |
|---|---|
| Notes Ck'd by Ajo | Survey of LUITWIELER RD. |
| Map No. B 2626-1 | JN 0075.04 Tape 300' Std 84 °F |
| Office Work | Surveyed by A.N. Hellstrom |
| Checked Ajo | Notes A.N.H. Date 2-25-60 |
| Date 2-29-60 | Indexed K. C. Johnson |

F. B. 2234 PG. 205

J.N. # 0075.04

LUITWIELER ROAD.

RECHAINING ℄ LUITWIELER RD
AS PER F.B. 691-199 & 200
" " F.B. 2234-103-104 & 162-165.

(EAST OF HACIENDA BLVD.)

PAGES - 205-208

A.N. Hellstrom
H.H. Spriggs
C.A. Pyle
J.M. Sullivan

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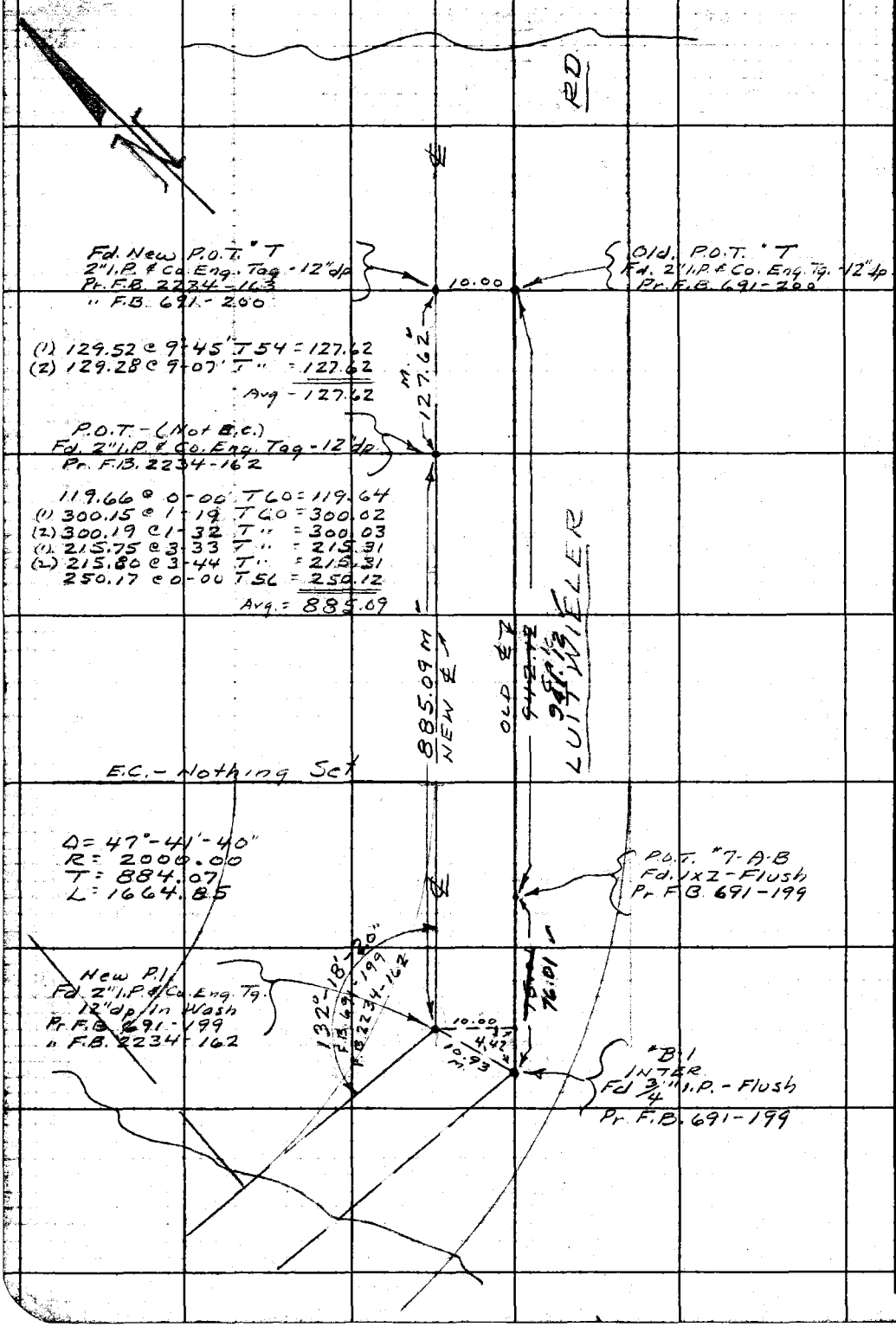
763095 CE #247—7 53

F.B. 2234 PG. 206

W.S. 38-B-4

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F.B. 2234 PG. 208

W.S. 38-B4

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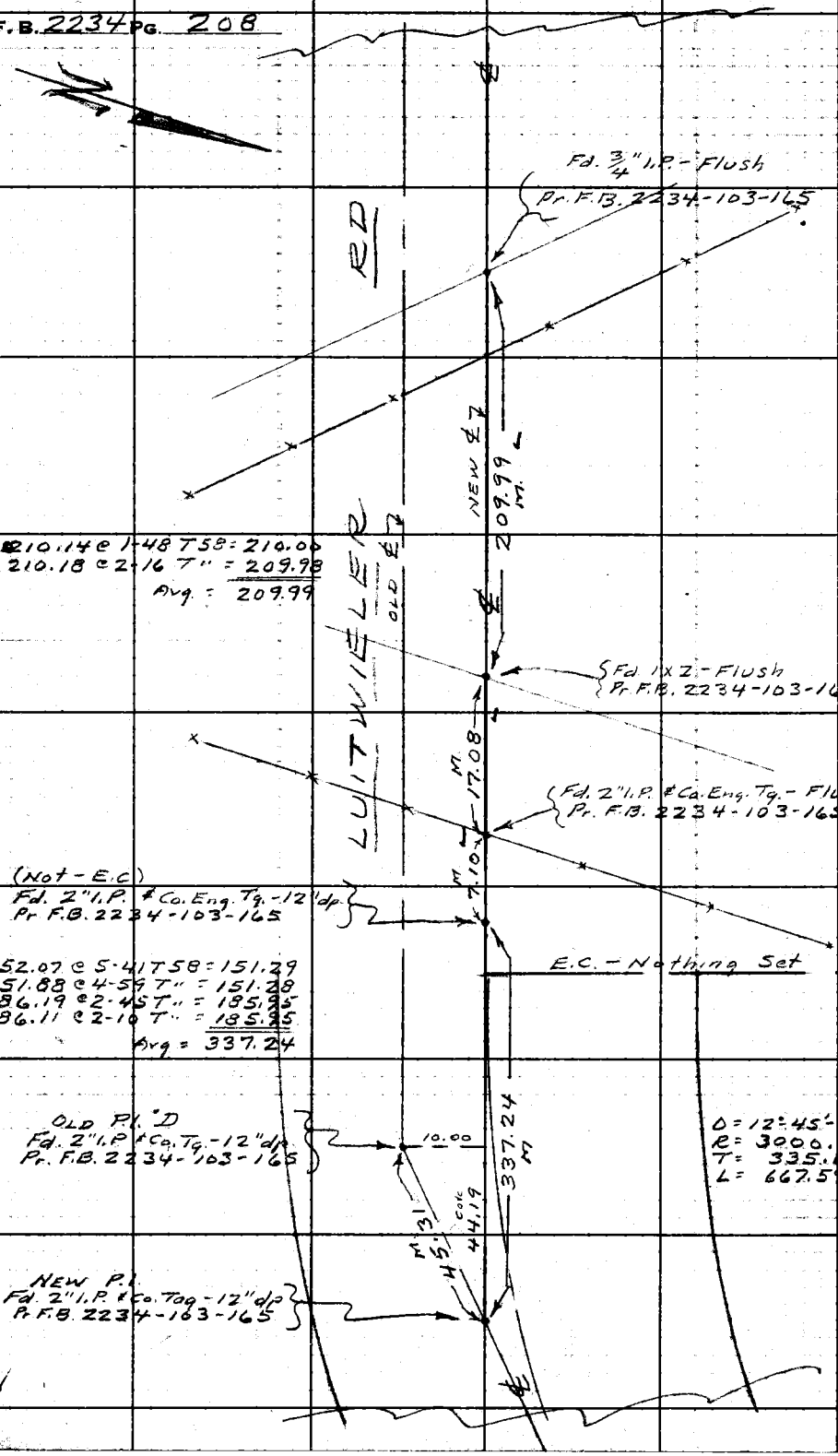

| | |
|---|---|
| Notes Ck'd by D. SAPPELL | Survey of COLIMA RD. |
| Map No. | JN 0302.01 Tape 173 Std 84 °F |
| Office Work | Surveyed by M. SOTRO |
| Checked | Notes SOTRO Date 2-18-66 |
| Date | Indexed C. J. CALLE |

F. B. 2234 PG. 209

0302.01

2-18-66

COLIMA RD.

SECTION LINE

T. 2. S., R. 11. W.

1/4 COR. SEC. 25 & 26.

M. SOTRO

H. FRONK

E. MOYA

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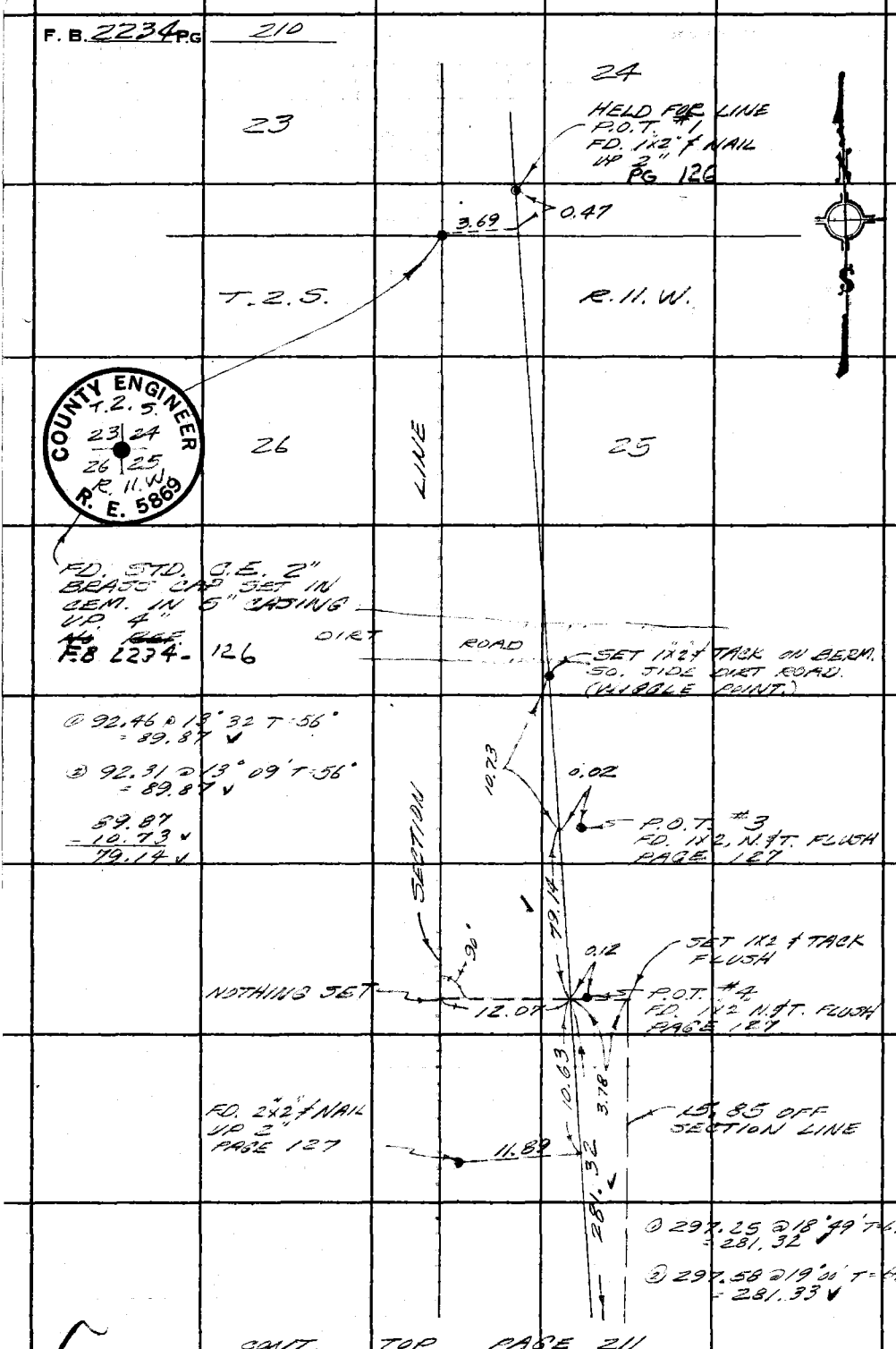
76F309S CE #310 8-53

F. B. 2234 PG 210




CONT. TOP PAGE 211

WS 37 D-5

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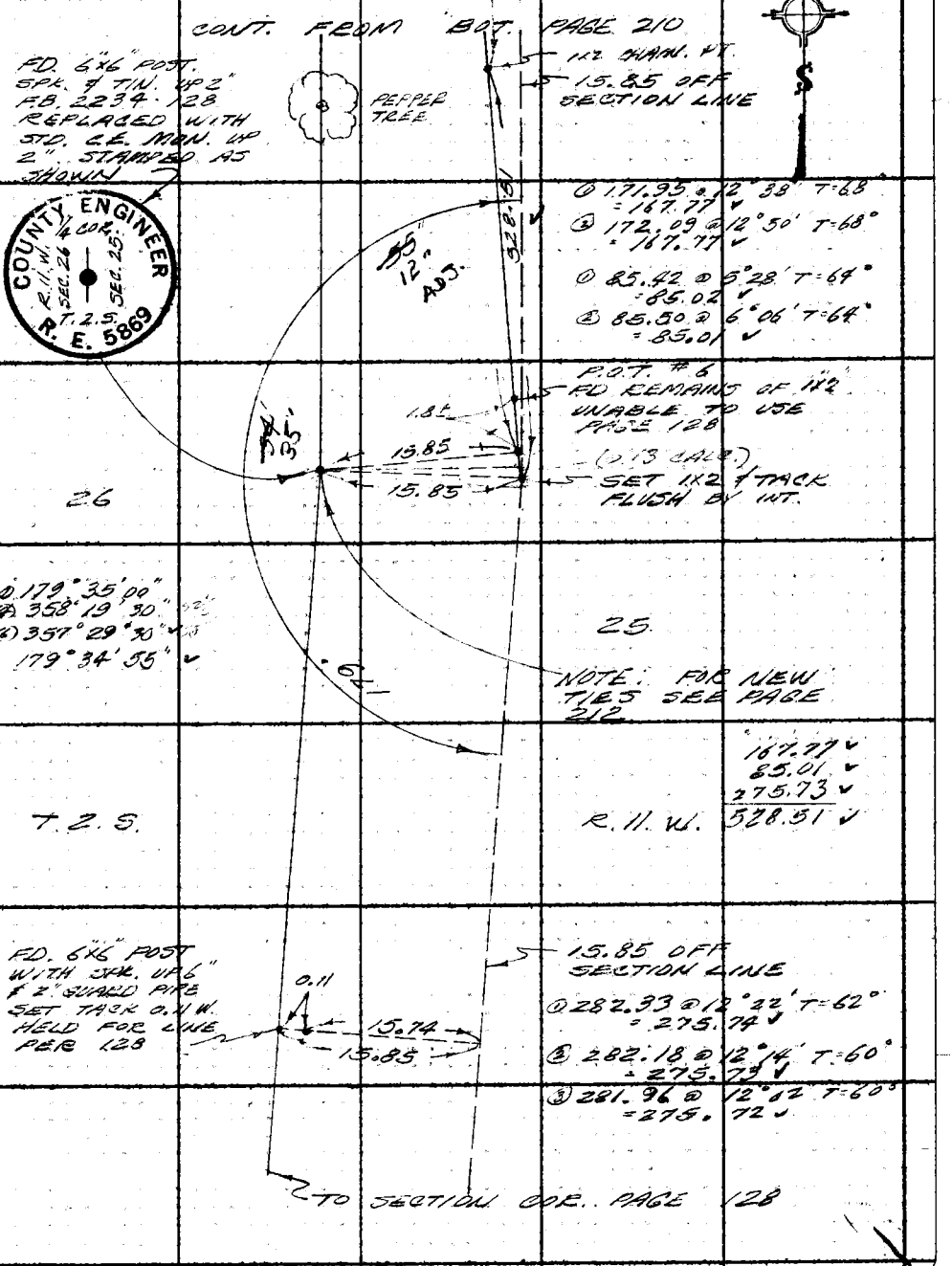
| | |
|---|---|
| Notes Ck'd by D. SAPPELL | Survey of COLIMA RD. |
| Map No. | JN 0302.01 Tape 178 Std 84 °F |
| Office Work | Surveyed by M. SOTRO |
| Checked | Notes SOTRO Date 3-25-66 |
| Date | Indexed G. J. GALLI |

F. B. 2234 PG. 211

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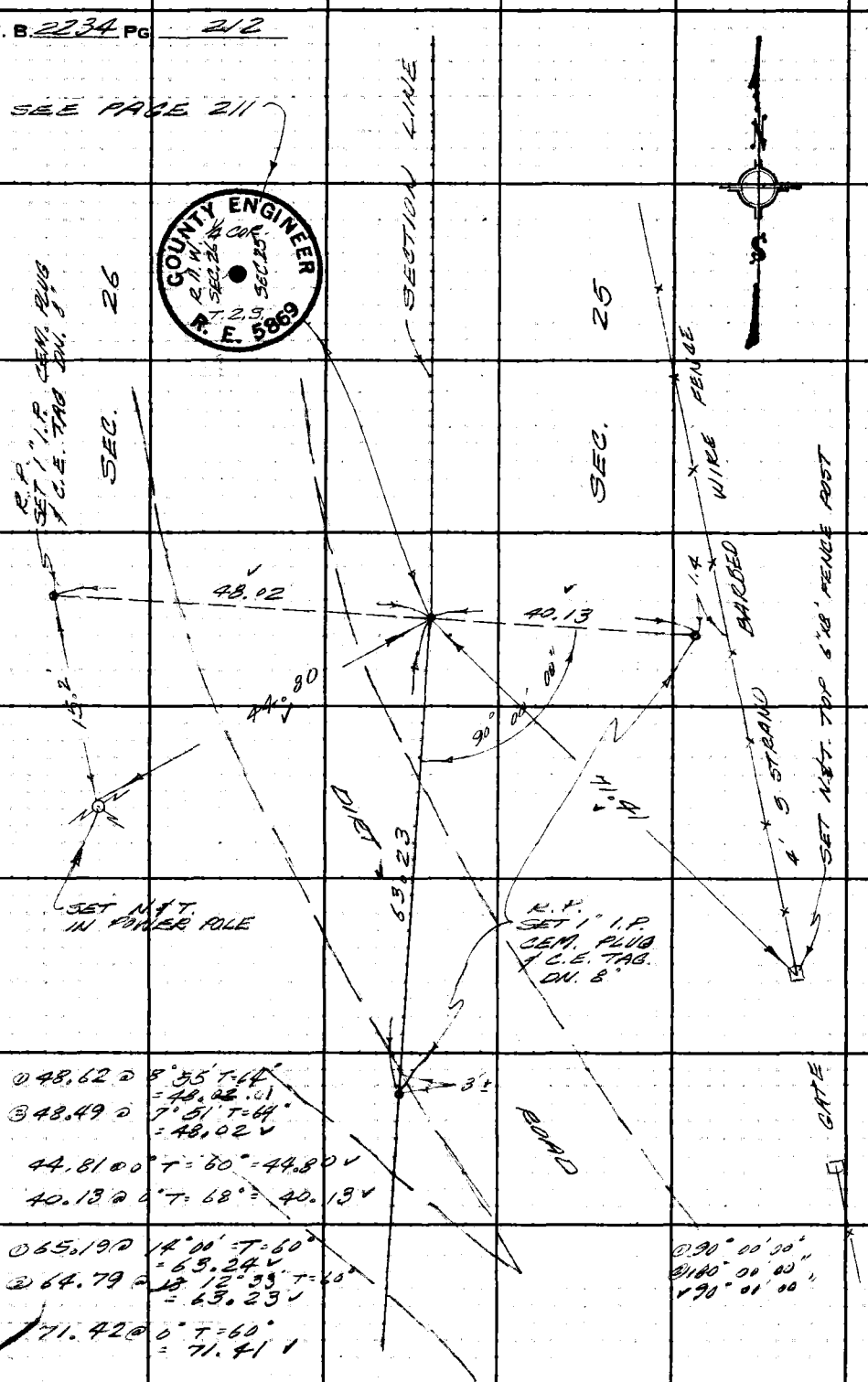
76F309S CE #310 6-63

F. B. 2234 PG 212

SEE PAGE 211

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MS37-96