Data Did by
Map No.
Other Work
Copied
Checked

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

F.B. 3805 Pg.

INDEX

Pages	Job	Description
		SAN GAB. TRANS. CORRIDOR RAPID TRANSIT DISTRICT 0809.00
1-8	Index	
9-26	Transit Line	Transit line from Mission Rd. NE'ly. to Soto St.
30-47	Transit Line	fr. Rosemead Blvd., E'ly to Santa Anita Ave. (El Monte) with Geodetic ties @ Tyler Ave. & Main line S.P.R.R.
48-74	B.M.	Bench levels from Del Mar Ave. to Santa Anita Ave.
75-80	Topo.	Loc. of improv. fr. Mission Rd. (Sta.1+00E) NE'ly to Macy St. Bridge Sta. 11+26.5, along S.P.R.R. (R.T.D. Route)
81-86	Topog.	Loc. of improvements along transit line vic. SPRR 12+20.8 to Sta. 23+00
87-98	Topog.	Loc. of improv. fr. Sta. 23+23.49 NE'ly. along S.P.R.R. to Sta. 56+00 (R.T.D. Route)
99-116	Topog.	Loc. of improv. along Transit line vic. S.P.R.R. fr. Sta. 57+00 to Sta. 73+72.49
117-155	X-Sec.	X-Sec. fr. Mission Rd. E'ly. along (R.T.D. Route) to Soto St.

(OVER)

Microfilmed Dec '84

FB 3805 Pg.

INDEX Cont.

Page	Job	Description
157-166	Topog.	Loc. of add'l. improv. on Aerial Topo. maps between Soto St. & Eastern Ave. along SPRR (R.T.D. Route)
167-178	Topog.	From E.End of Tunnel @ Gibson St. to Santa Anita Ave.
181-200	X-Sec.	X-Sec. on the above
201-208	X-Sec.	Random X-Sec. for contour checkin of State Topo. maps from Soto St. to Eastern Ave.

Notes Ck'd by	Survey of R.T.D.	F.B. 3805 Pg. 5
Map No.	JN 0809.00 Tape 0244 Sta. 68 °F	
Office Work	Surveyed by L.L. BROWN	
Checked	Notes L.L. BROWN Date 10-24-69	
Date	Indexed C. J. GALLI OCT 30 '69	

R.T.D. EXCLUSIVE EXPRESS BUSWAY

SAN GABRIEL TRANSPORTATION CORRIDOR

J.N. 0809.00

TRANSIT LINE FROM MISSION RD. NEAR. TO SOTO ST.

PARTY
BROWN, L.L.
MOODYMAN, W.
DOMINGUEZ, C.
FISHER, L.

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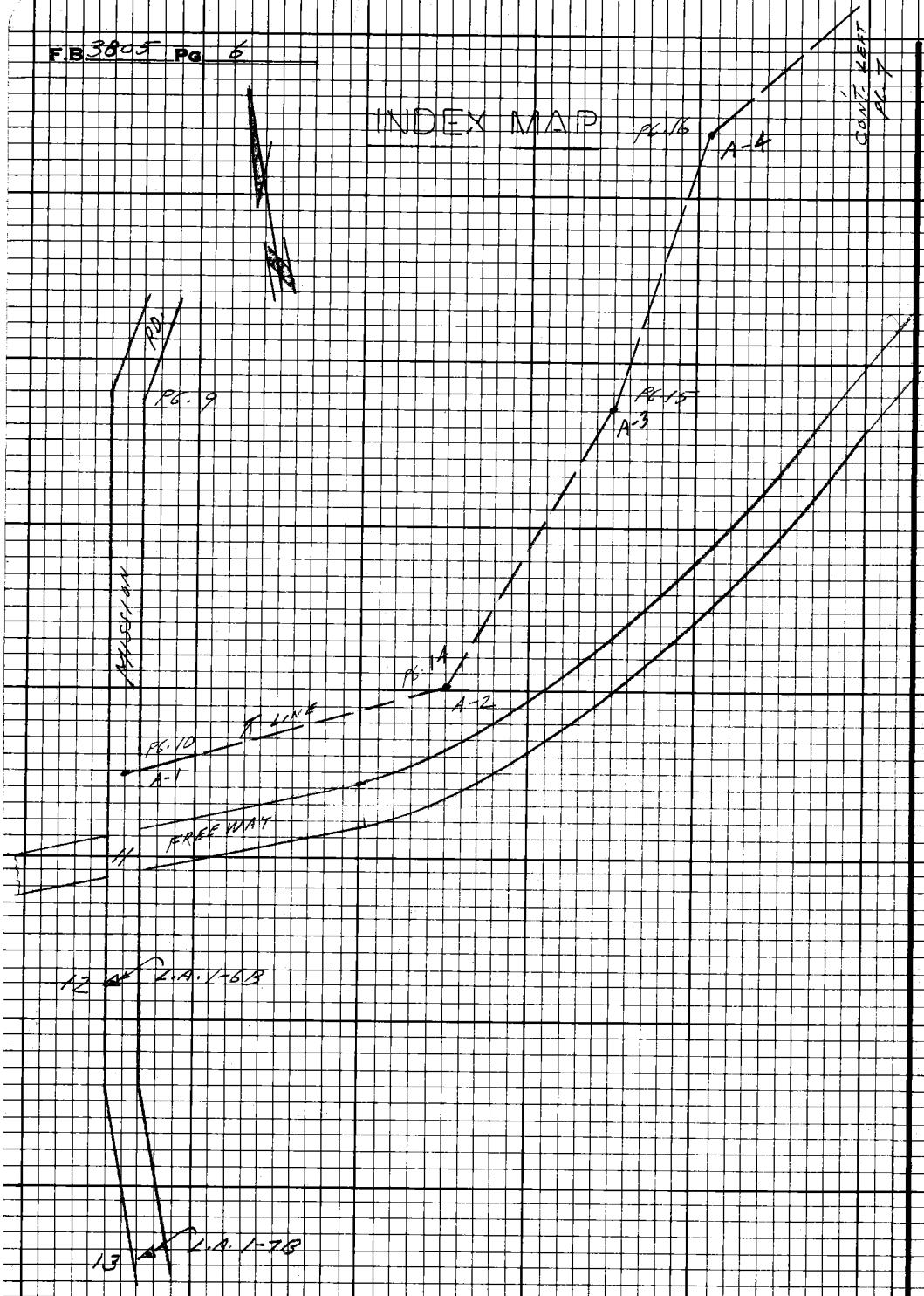
7ESD98 CE# 310 9.67

F.B. 3805 Pg. 6

INDEX MAP



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Date

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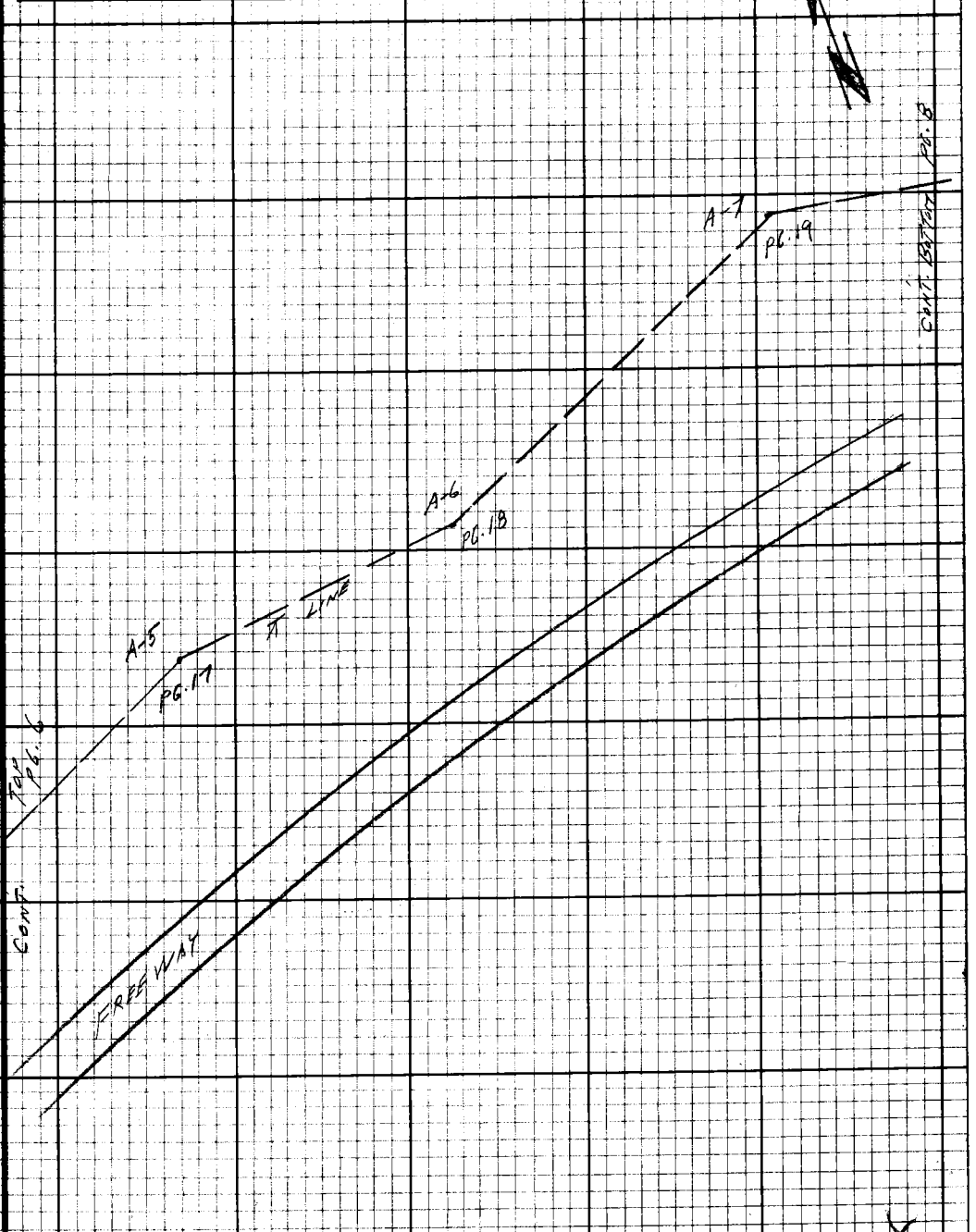
JN 0809-00 Tape 0244 Std 65 °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 10-24-69
Indexed C. J. GALLI

F.B. 3805 PG. 7



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7RS108 EE#310 9-67

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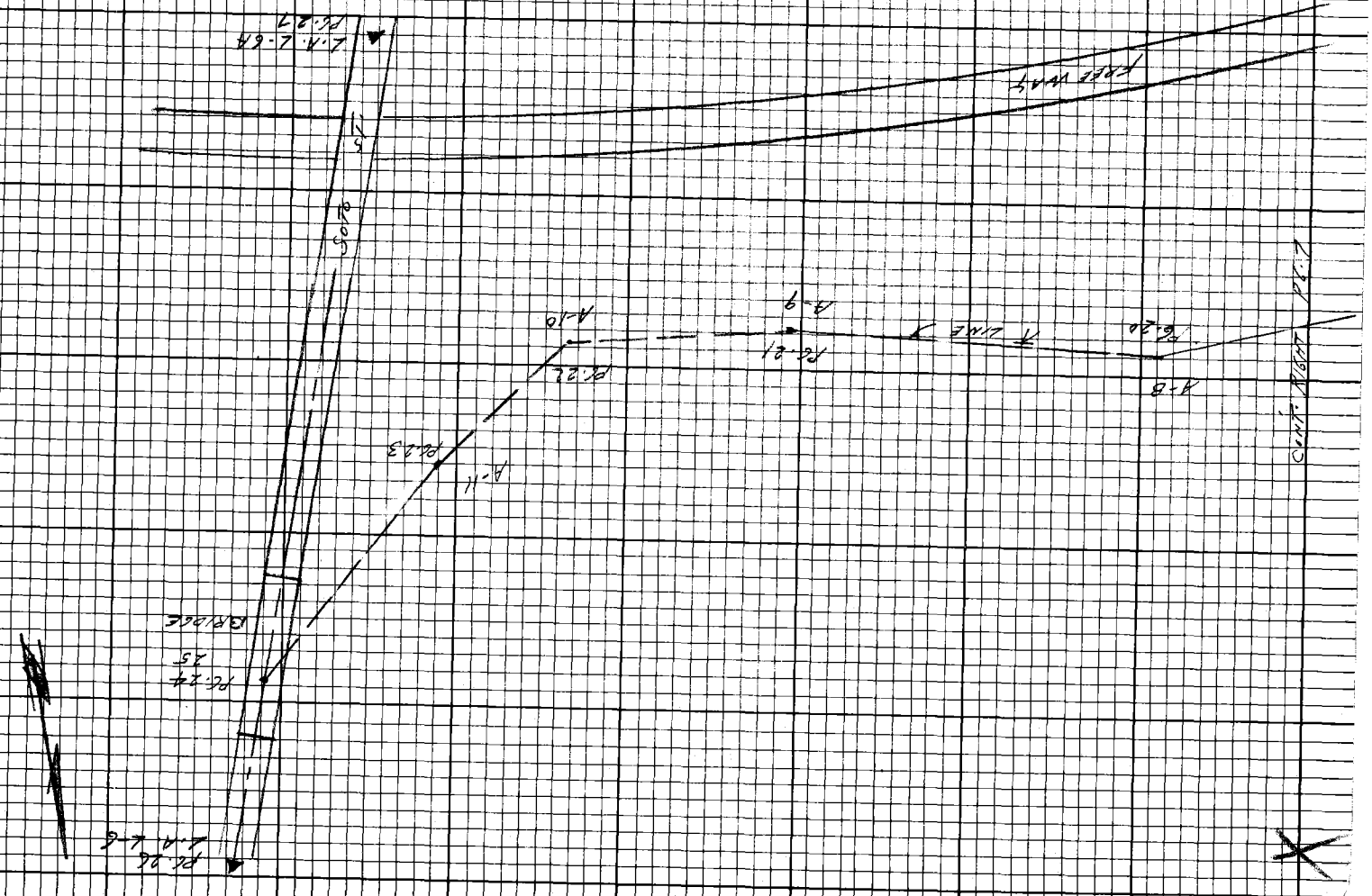

FB 3605 PG 8

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Map No.	JN 0809.00 Tape 0244 Std 68 °F
Office Work	Surveyed by L. A. BROWN
Checked	Notes L. A. BROWN Date 10-24-68
Date	Indexed C. J. GALLI

F.B. 3805 PG. 9

CONT. TOP ▼ PG. 10

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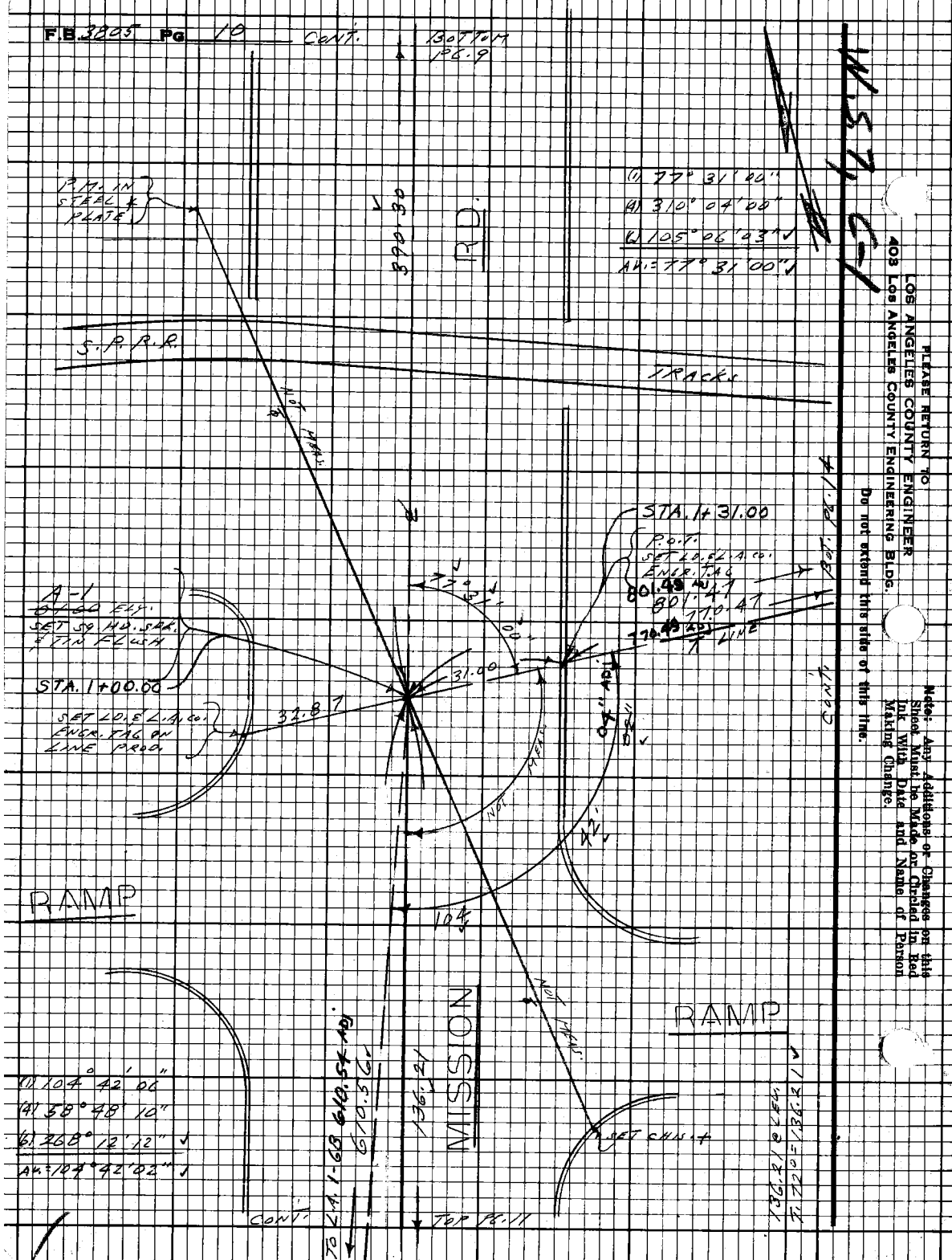
F.B. 3805 Pg. 10 Cont.



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JN 0809.00 Tape 0244 Std 58 °F
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Notes L.L. BROWN Date 10-24-69
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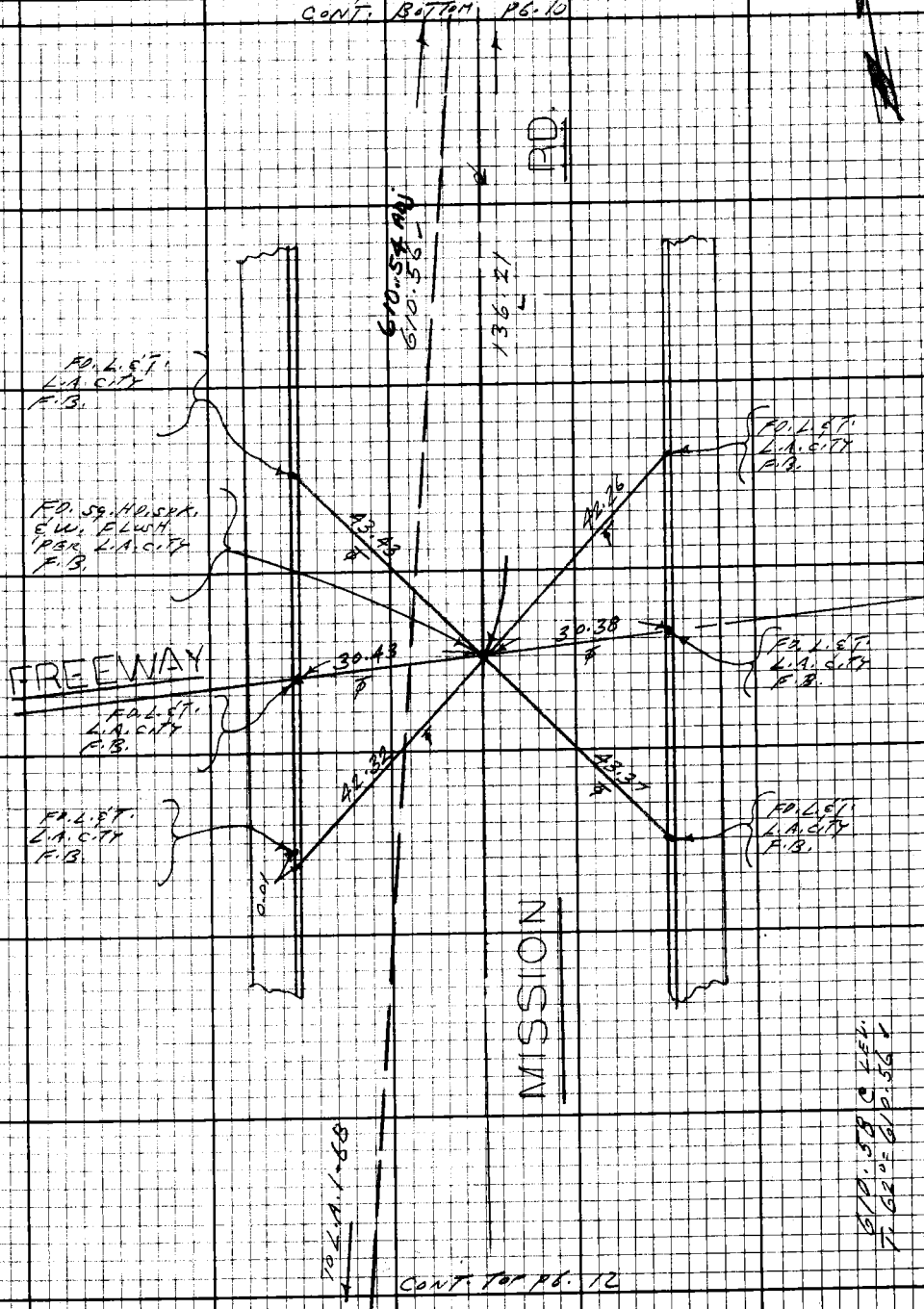
F.B. 3805 Pg. 11

CONT. BOTTOM PG. 10



CONT. TOP PG. 12

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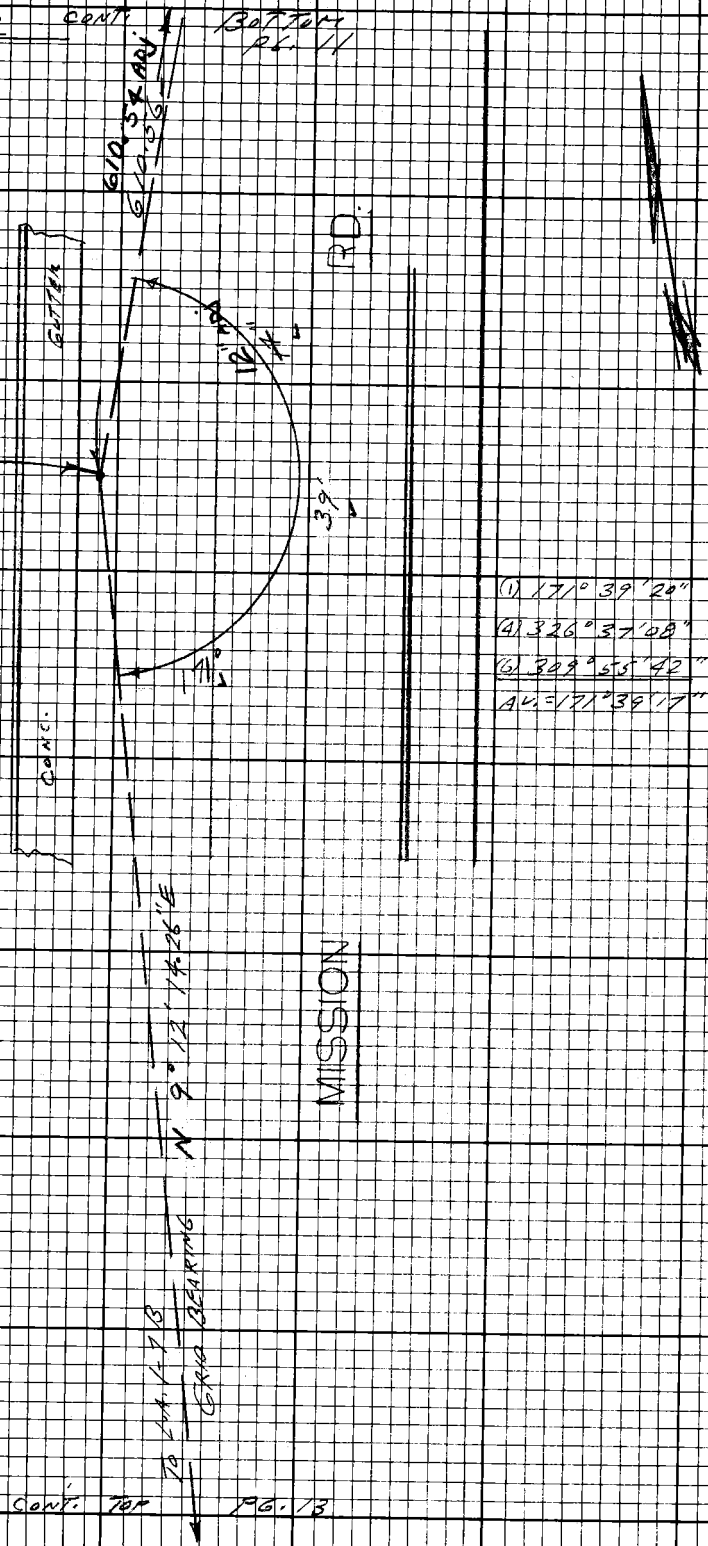
76E3008 LEE 310 9-67

F.B. 3805 Pg 12

CONT. BOTTOM PG. 11



(1) 171° 39' 20"
(4) 326° 37' 08"
(6) 309° 55' 42"
AV. = 171° 39' 17"

CONT. TOP PG. 13

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Map No.		JN 0909.00 Tape 0244 Sta 68 °F	
Office Work		Surveyed by L.L. BROWN	CONT. BOTTOM PG 12
Checked		Notes L.L. BROWN Date 10-25-68	
Date		Indexed C. J. GALLI	

WSZ-1

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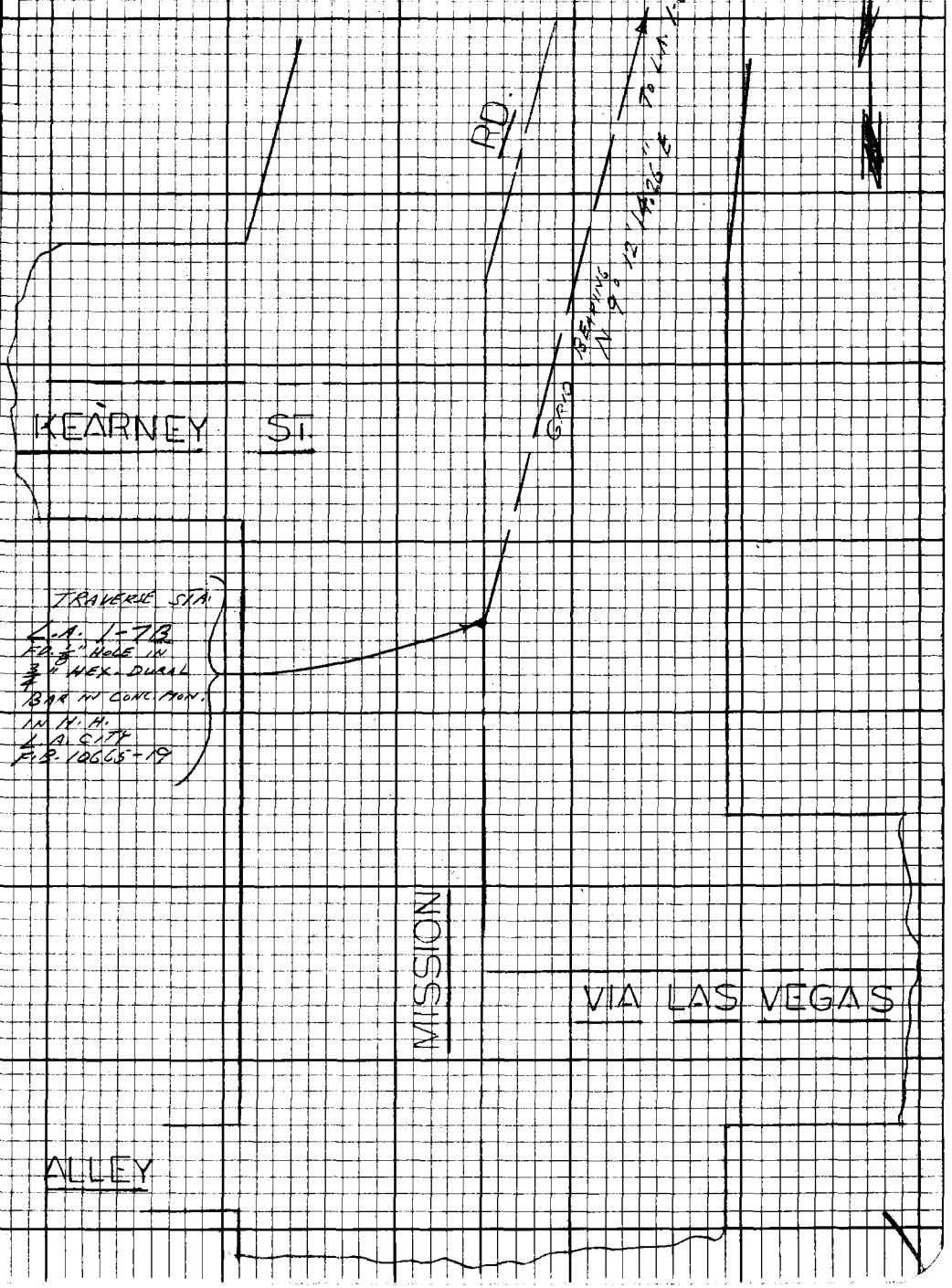
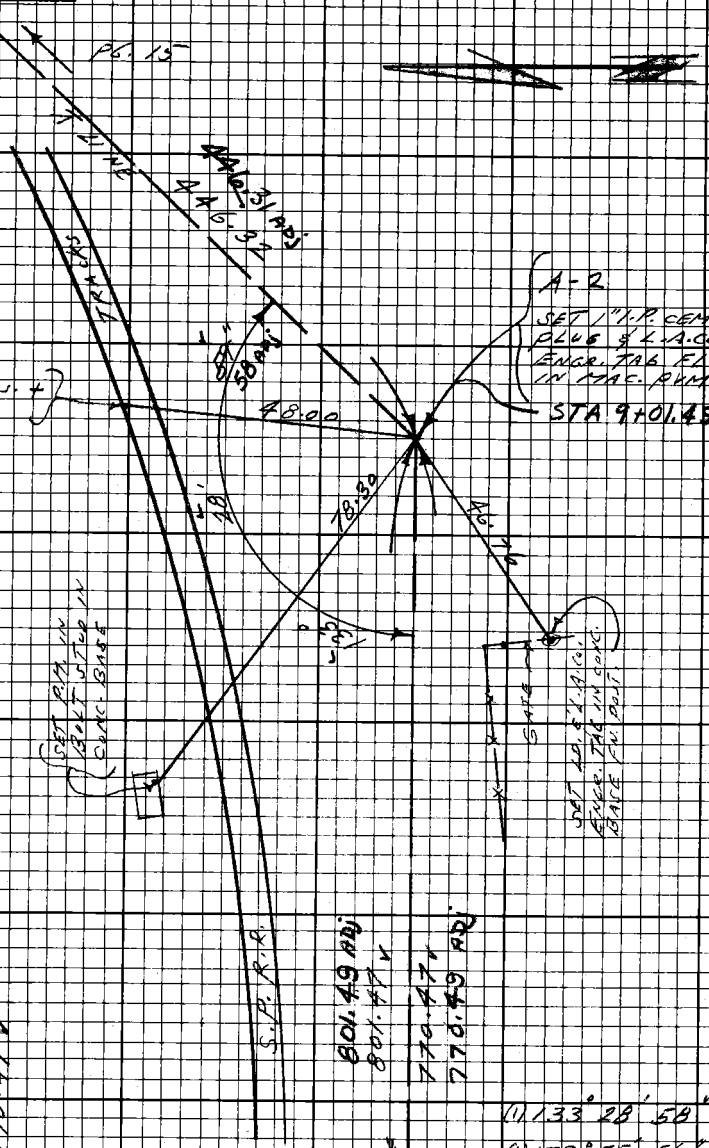


ZSF-G98 CE-310 9-67

F.B. 3805 Pg. 14

CONT. BOTTOM

PG. 13

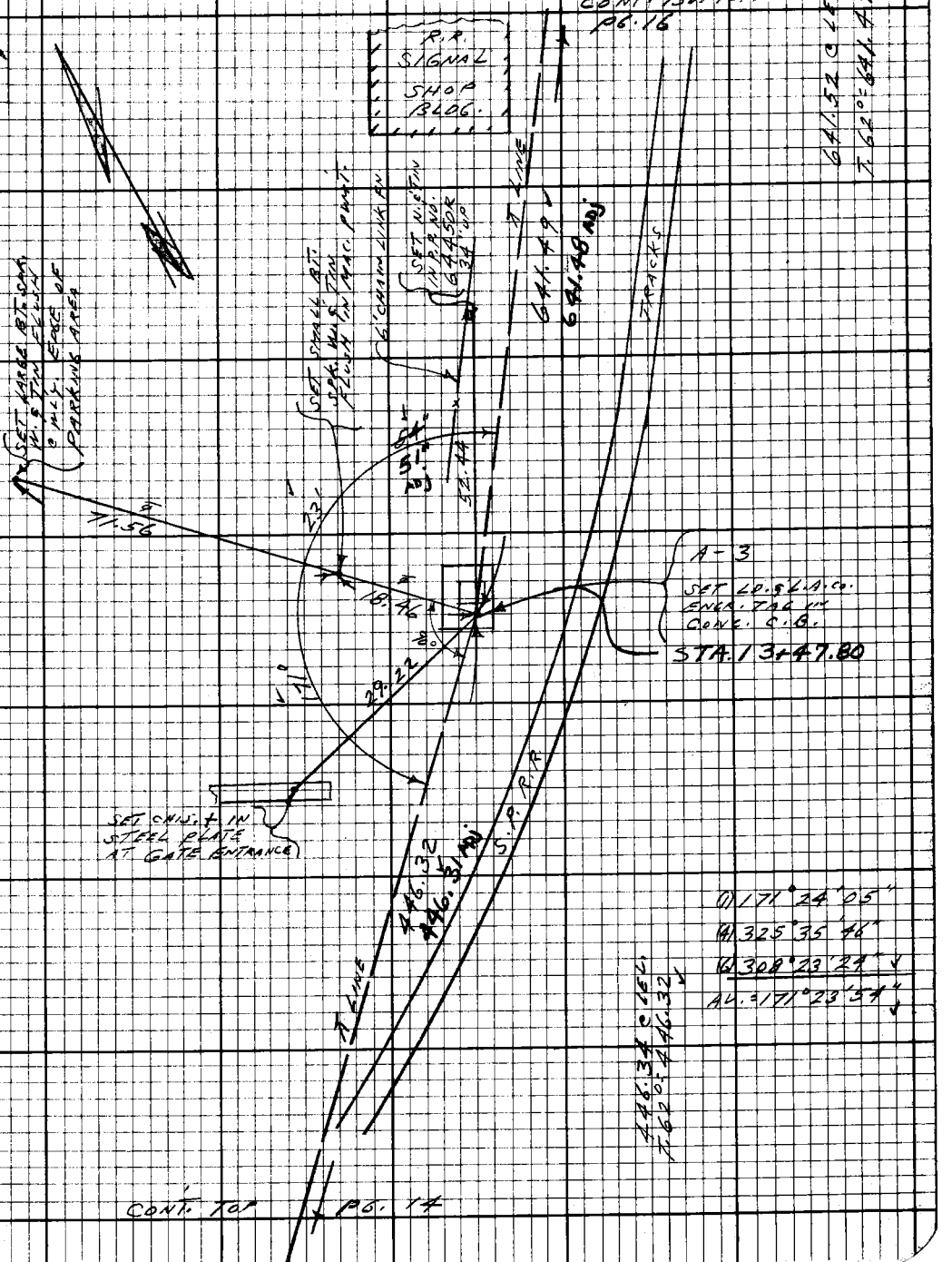


CONT. RIGHT PG. 10

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

Survey of P.T.D.
JN 0809.00 Tape 0244 Std 68 °F
Surveyed by L. L. BROWN
Notes L. L. BROWN Date 10-27-69
Indexed C. J. GALLI

F.B. 3805 PG. 15



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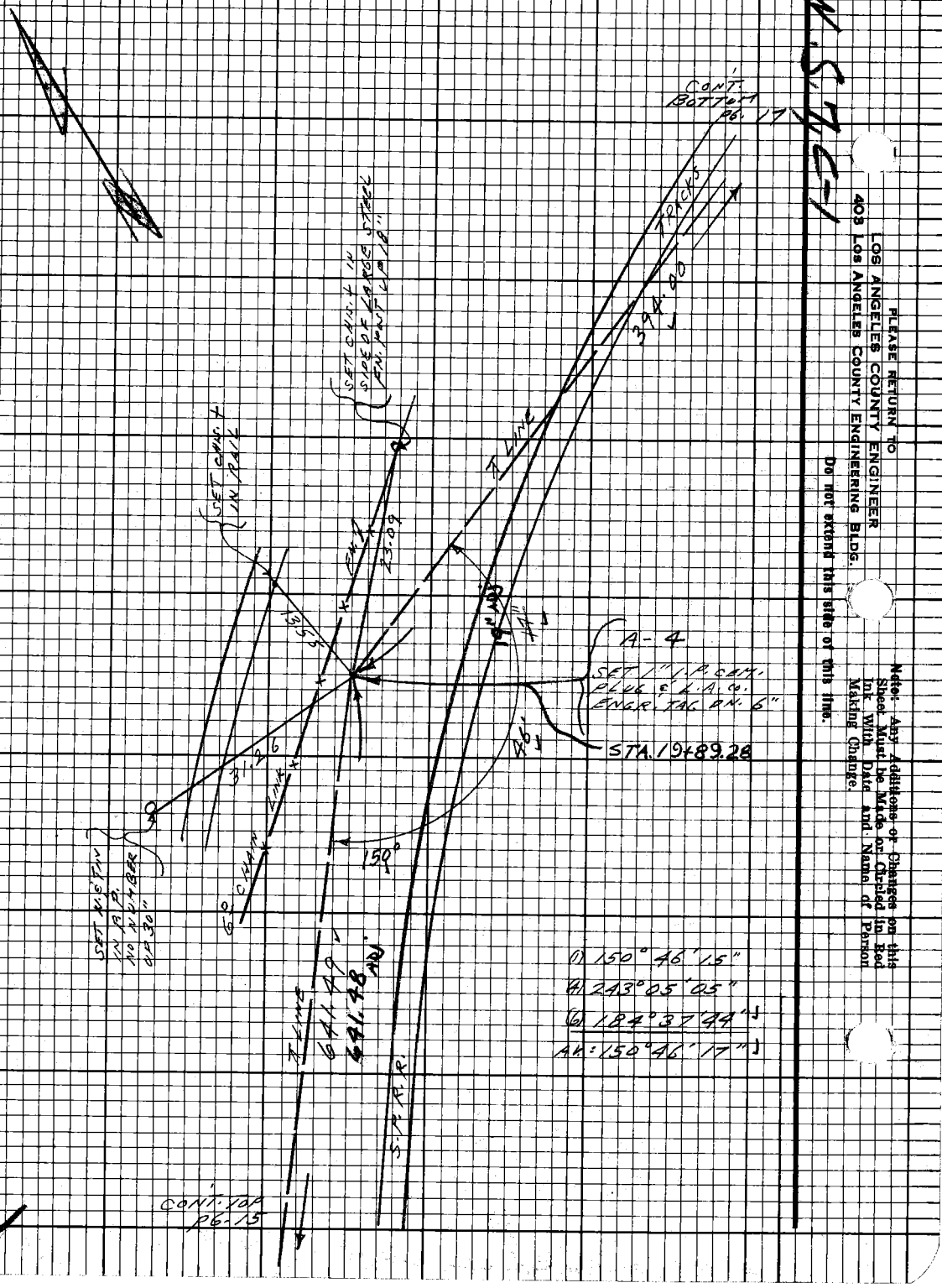
7E5908B CE #310 9.67

F.B. 3805 PG 16



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Map No.	JN 0809-00 Tape 0244 Sta 65 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 10-27-68
Date	Indexed C. J. GALLI

F.B. 3805 Pg. 17

PG. 18

CONT. BOTTOM

SET LARGE PT. SCR. W. ETTW. FACE PAC. PUST.

39.45

575.63 ADJ
575.62

16" ADJ

TRACKS

A-5
SET 1½" P. CAP. PLUG & L.A. CO. ENGR. TAG DN. 4"
STA. 23+83.28

SET CHW. + IN RAIL

39.59

5'

160°

394.00

P.O.T. SET CHW. + IN RAIL

(1) 160°51'10"
(4) 283°24'50"
(6) 245°07'20"
AV. = 160°51'13"

394.02 C LEN.
T.62° = 394.00

CONT. TOP PG. 16

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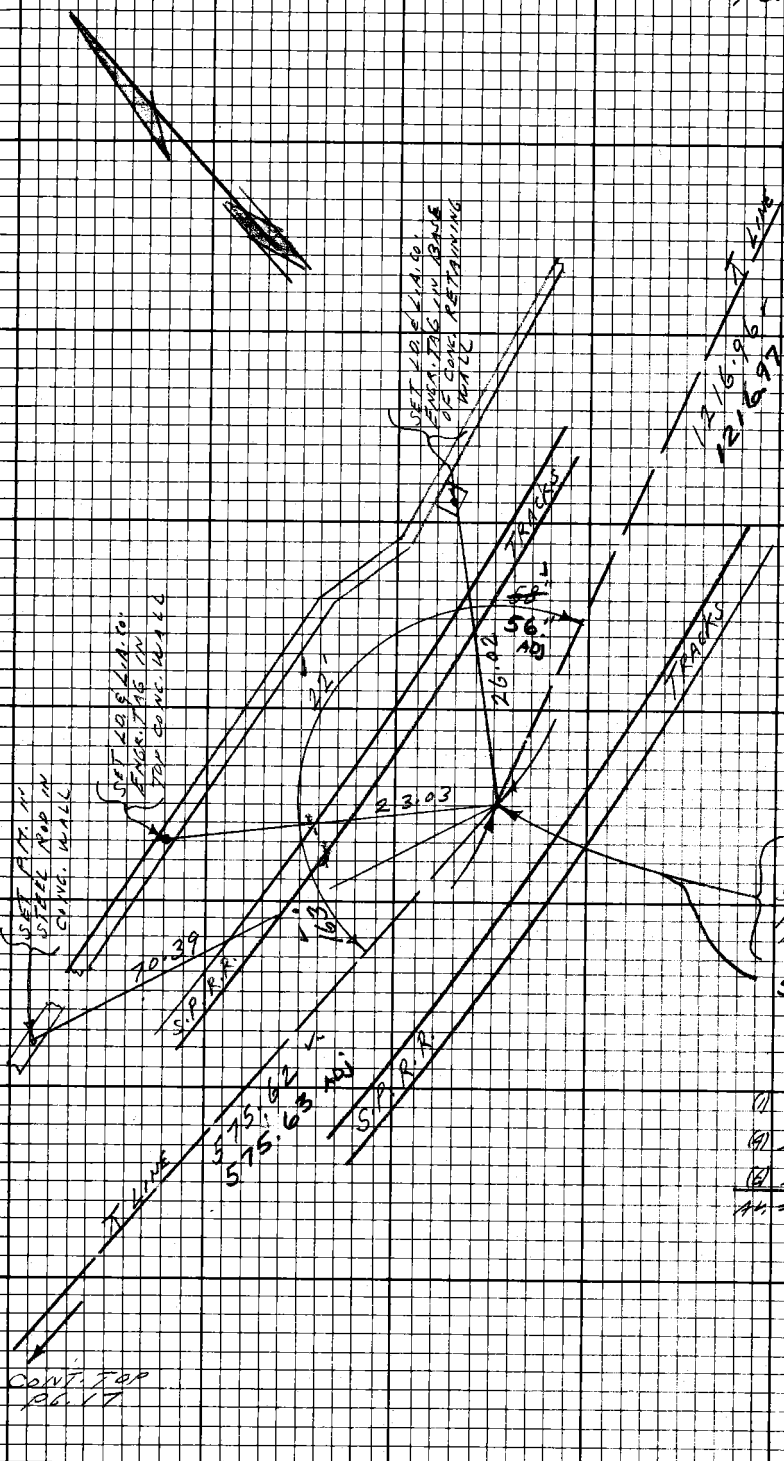
7SR3088 CE#31D 9.67

F.B. 3905 PG 18

CONT. BOTTOM PG. 19



MISSING

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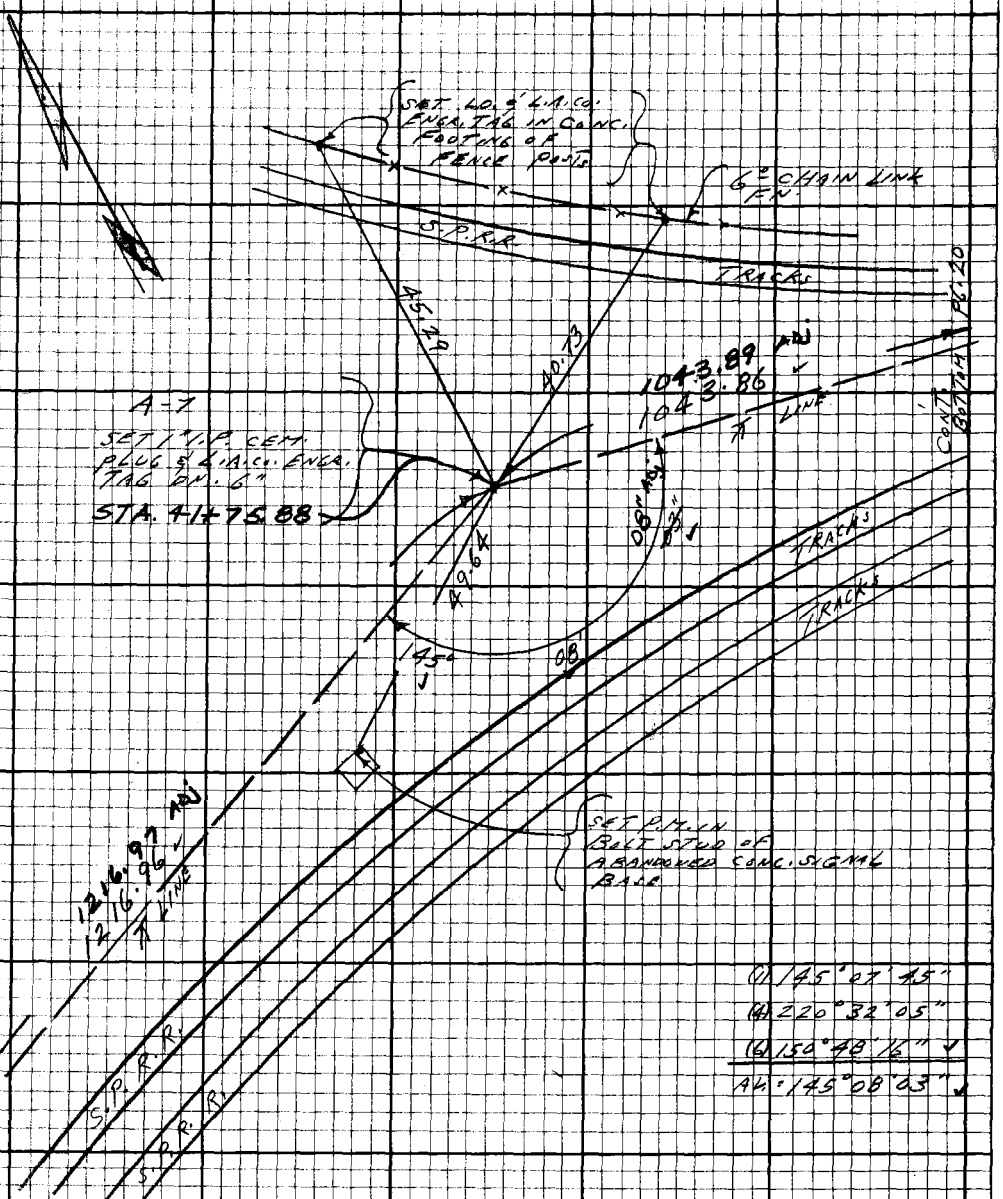
Map No.	JN 0809.00 Tape 0244 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 10-28-69
Date	Indexed C. J. GALLI

F.B. 3805 Pg. 18



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7E2C98 CE#310 9-67

FB 3805 Pg 20

CONT. BOTTOM PG. 21

W.S. 7/8/

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W.S. 7, D-1

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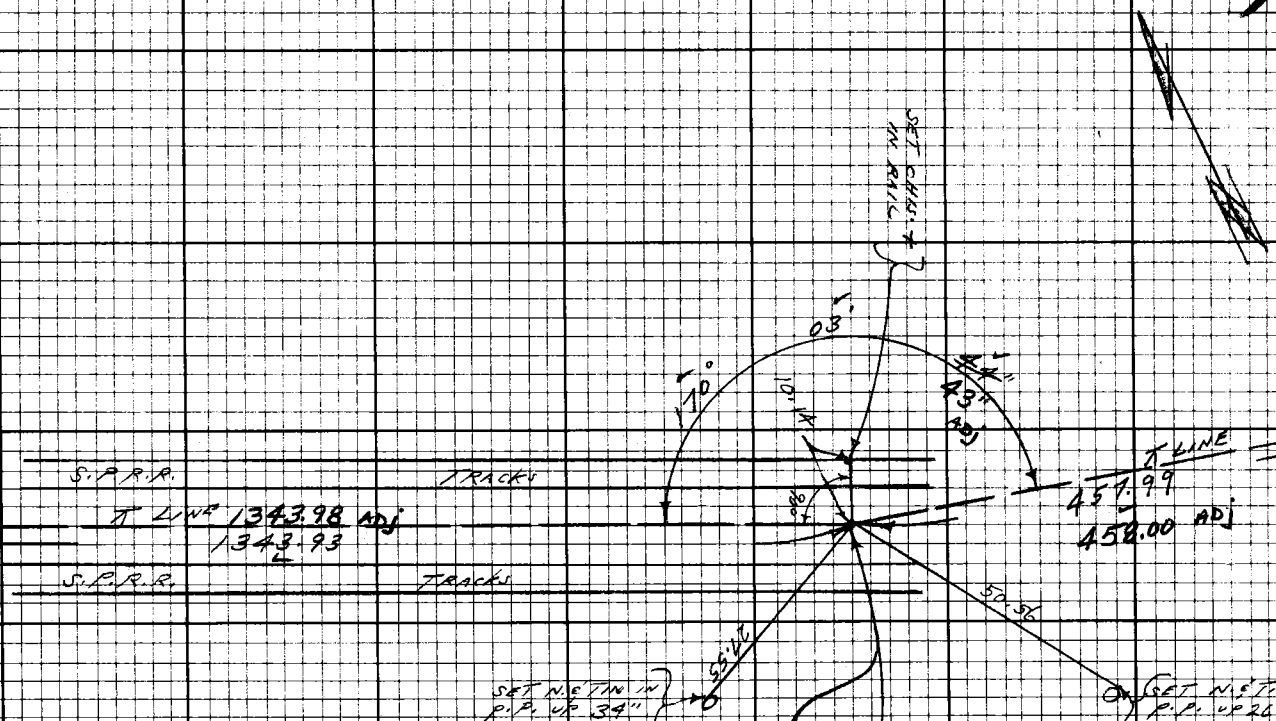
Office Work
Checked
Date

Survey of R.T.D.
JN 0899 COMPUTED AT 44 SHEETS "F"
Surveyed by Z.L. & B. Rowan
Notes Z.L. & B. Rowan Dated 10-26-59
Indexed C. J. GALLI

CONT. BOTTOM PG. 22



(1) 170°03'36"
(4) 320°14'44"
(6) 300°22'27" ✓
AVG = 170°03'44½" ✓

458.00 CALC.
T. 66 = 457.99 ✓

FB 3005 PG. 21

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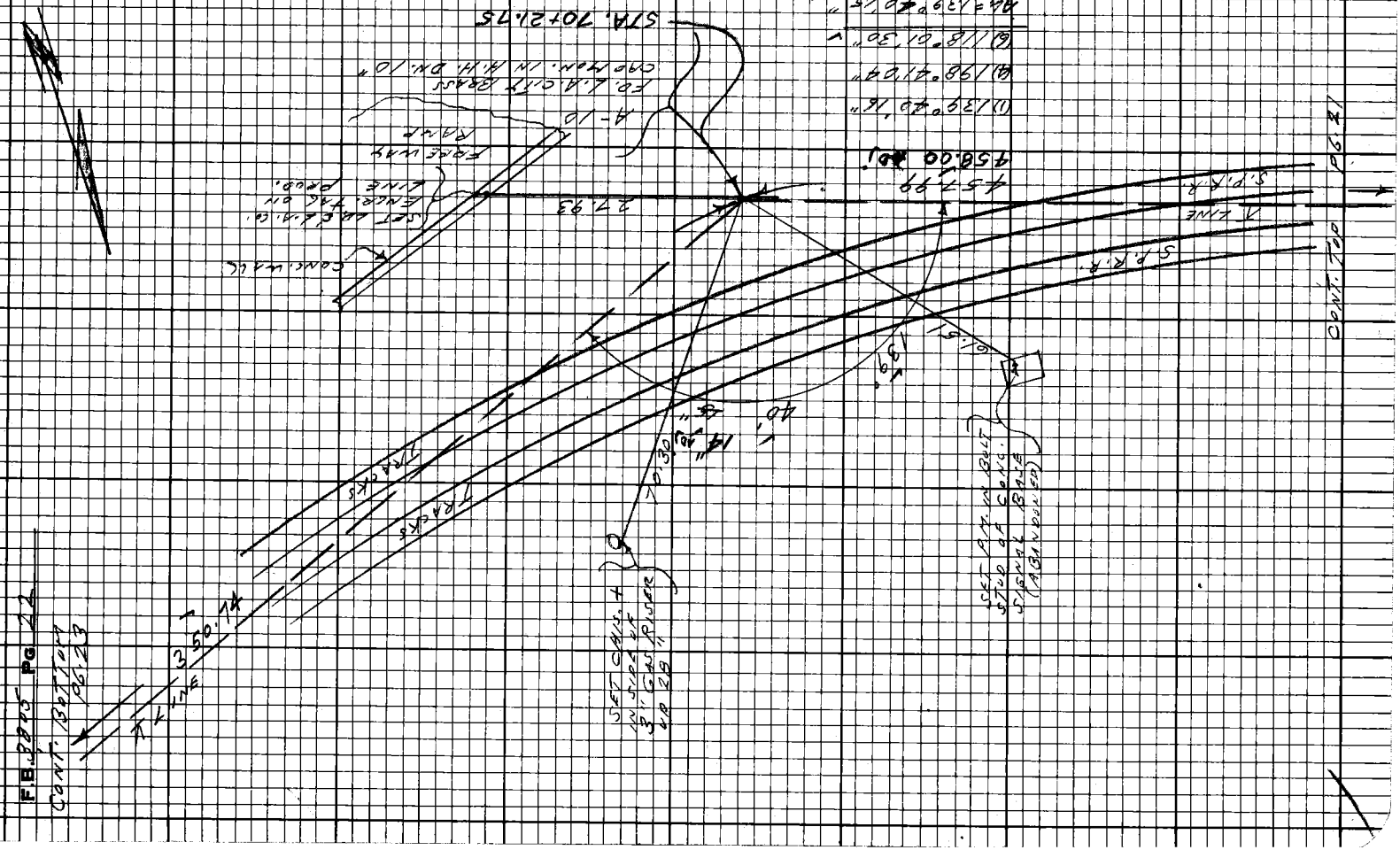
W.S.7, D-1



76F3098 CE#310 9-67

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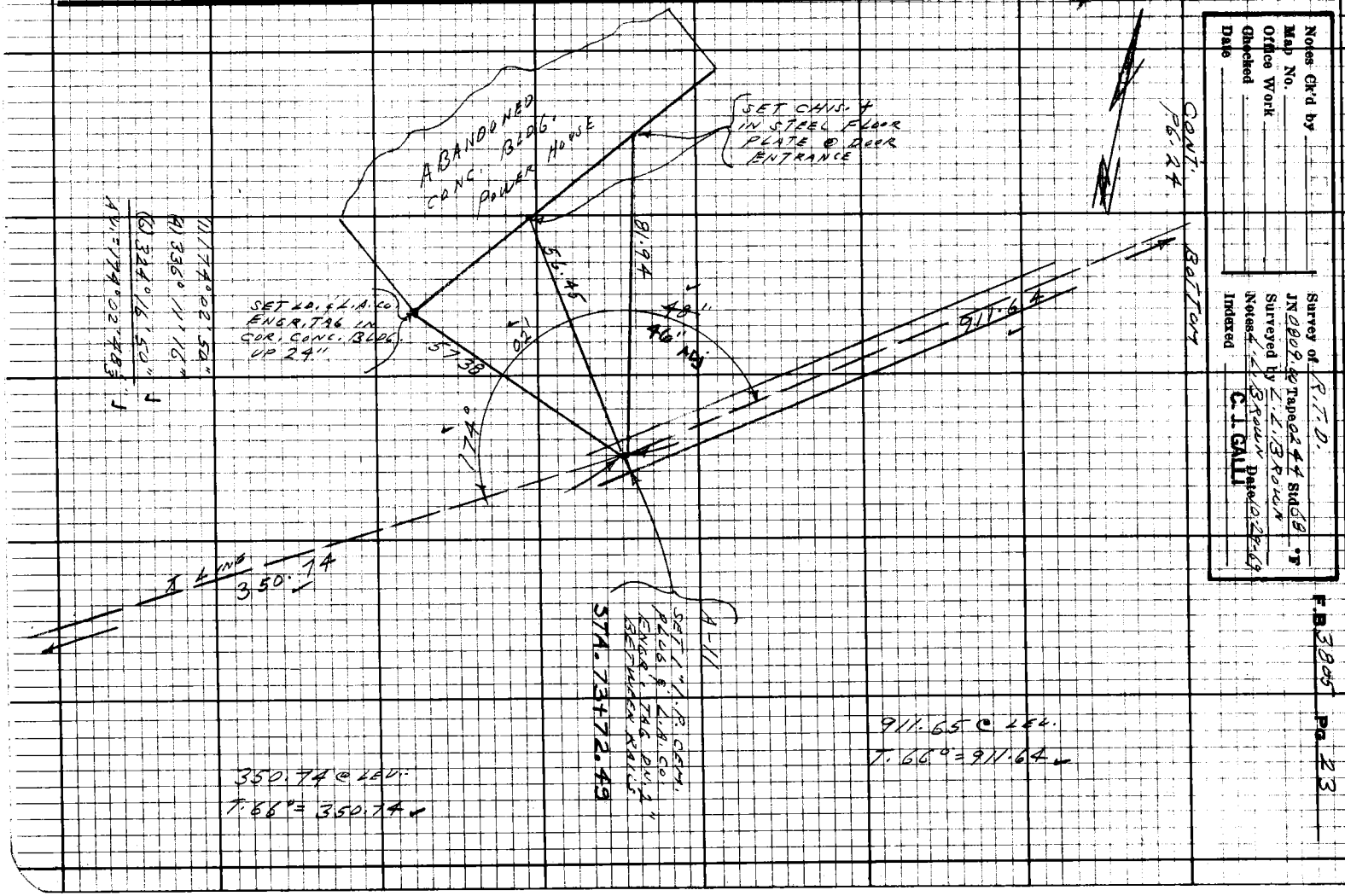
W.S.7.D-1



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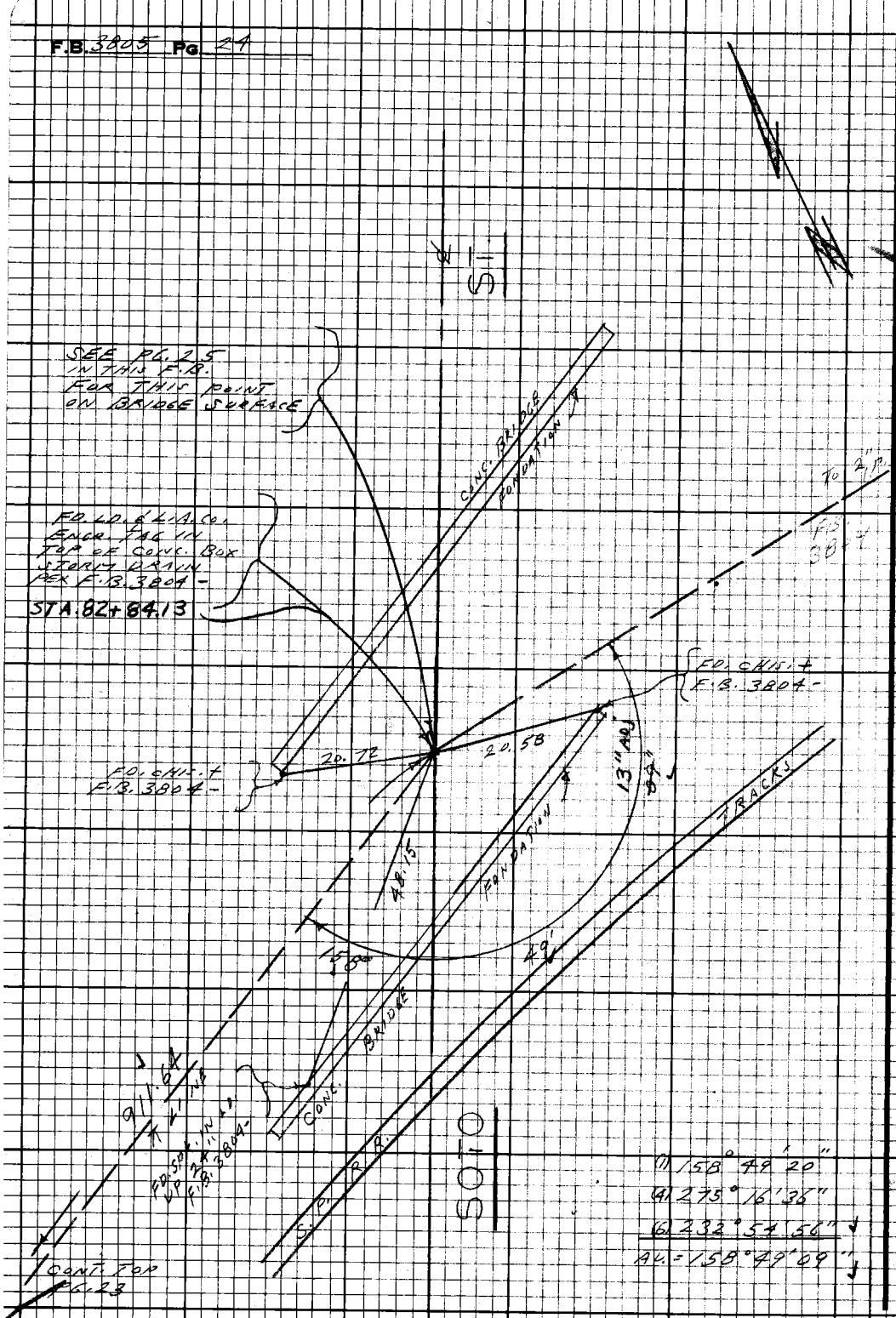
Office Work _____
Checked _____
Date _____

Survey of R.T.D.
JN 0802.8 Tape 0244 Std 08 "T"
Surveyed by E.L. & B. Rohr
Noted L.L. & B. Brown Date 10-22-69
Indexed C.J. GALLI

F.B. 3805 Pg. 23

F.B. 3805 PG. 24



US 1-10-1

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Date

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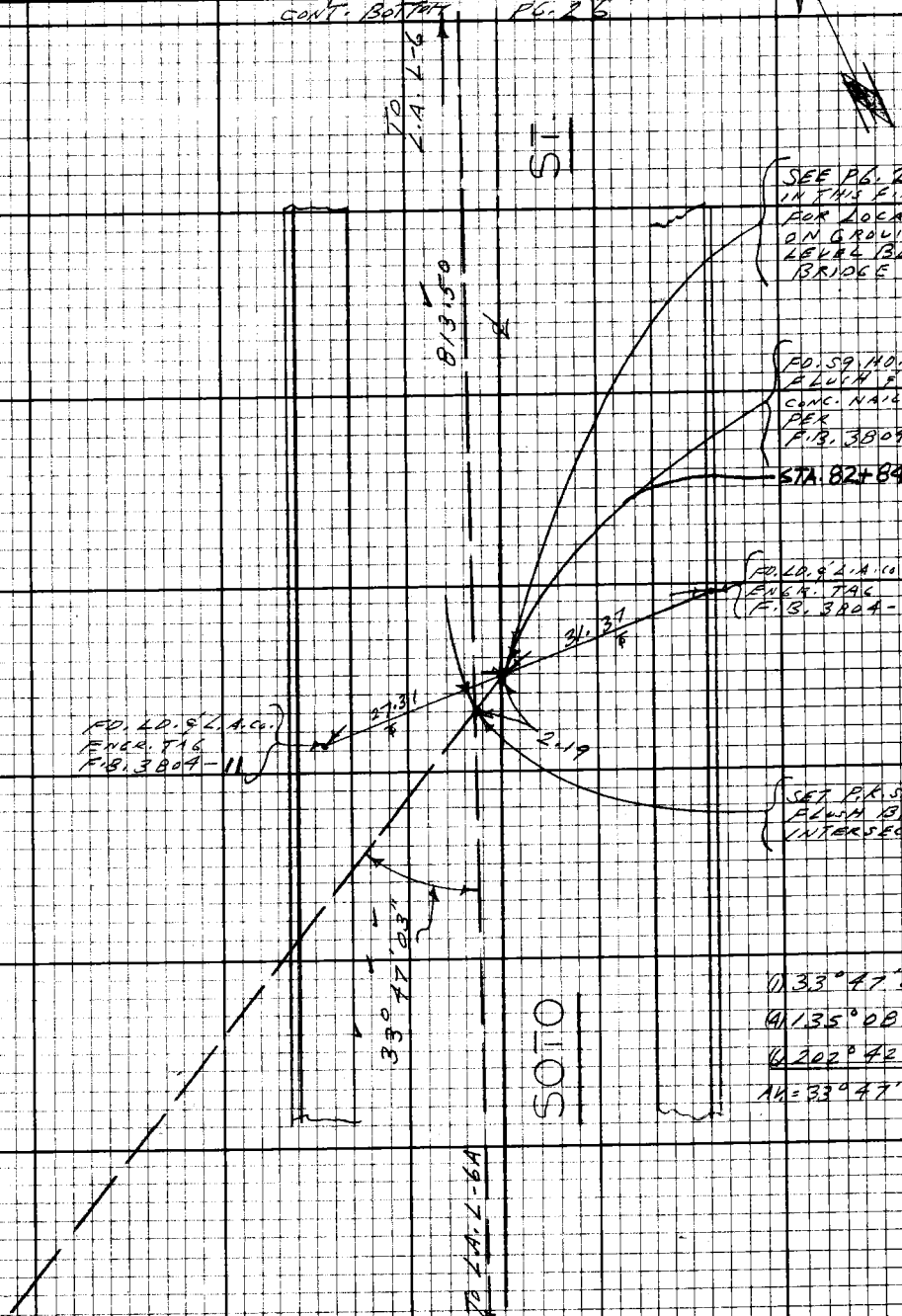
JN 0809.00 Tape 0244 Std 68 °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 10-29-69
Indexed C. J. GALLI

F.B. 3805 Pg. 25

CONT. BOTTOM PG. 26



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76F3008 CE# 310 9-67

FB 3895 PG 26

NOTE: USED 100 TIMES NO. 2244
STD. 28°

455.34 @ 1 EA.
1 EA. = 455.34

295.05
63.11
455.34
813.50 TOTAL

NOTE:
USED 200
TIMES 1 EA.
1 EA.
STD. 84°

(1) 296.74 @ 6 FT 0 IN 50"
7.80 = 295.05

(2) 296.68 @ 5 FT 7 IN 20"
7.80 = 295.05

AVE = 295.05

63.12 @ 1 EA.
7.80 = 63.11

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Map No.		JN 0809.00 Tape 0244 Std 52 °F	
Office Work		Surveyed by L.L. BROWN	
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Date		Indexed	

F.B. 3805 Pg. 27

BLACK

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765308 LE#310 9-57

F.B. 3005 PG 28

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Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F.B. 3335 Pg. 29

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76F3088 CE#310 9/67

F.B. 3805 PG. 30

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Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape 0244 Side 66 "F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 10-31-69
Date	Indexed [redacted] GALL [redacted] 5 [redacted]

F.B. 3805 PG. 31

R.T.D. EXCLUSIVE EXPRESS

BUSWAY

SAN GABRIEL TRANSPORTATION CORRIDOR

JN 0809.00

TRANSIT LINE FROM ROSEMEAD BLVD. EASTERLY TO SANTA ANITA AVE (EL MONTE) WITH GEODETIC TIES AT TYLER AVE. & MAIN LINE S.P.R.R.

PARTY
BROWN, L. L.
MOODYMAN, W.
DOMINGUEZ, C.
FISHER, L.

11,900

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

7R5008 REV. 310 9-67

Cont. Bottom Pg. 33

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INDEX MAP

CONC.

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B-4
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T LINE

FRAEKJS

B-3
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S.P.R.R.

FREEWAY

FREEWAY

B-2
Pg. 36

B-1
Pg. 35

ROSEMEAD

BLVD.

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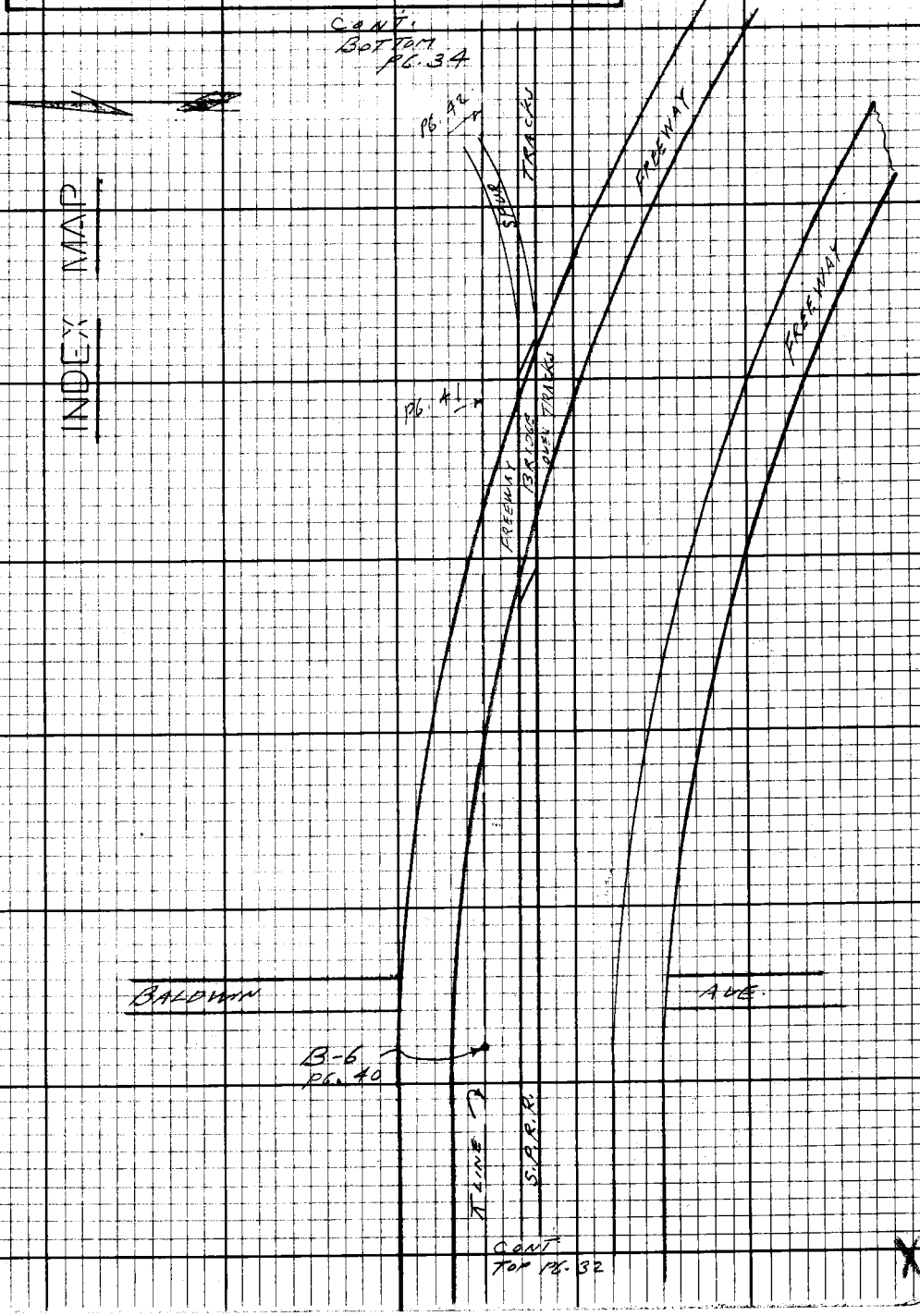
Office Work
Checked
Date

Survey of R.T.D.
JN 0809.00 Tape 0244 Std 68 °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 10-8-69
Indexed C.T. GALLI NOV 5 '69

F.B. 3805 PG. 33

CONT.
BOTTOM
PG. 34



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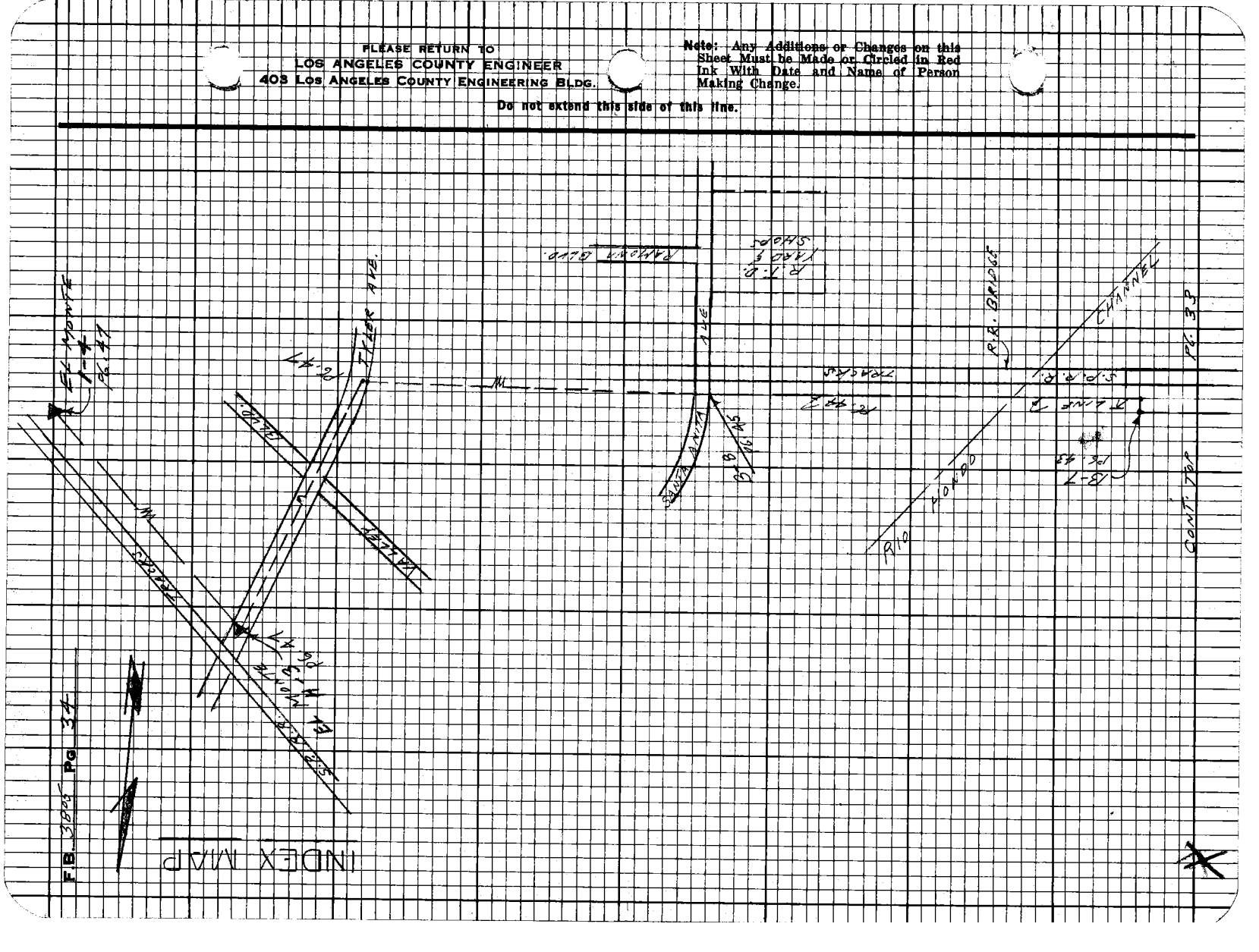

78F9098 CE# 810 9-67

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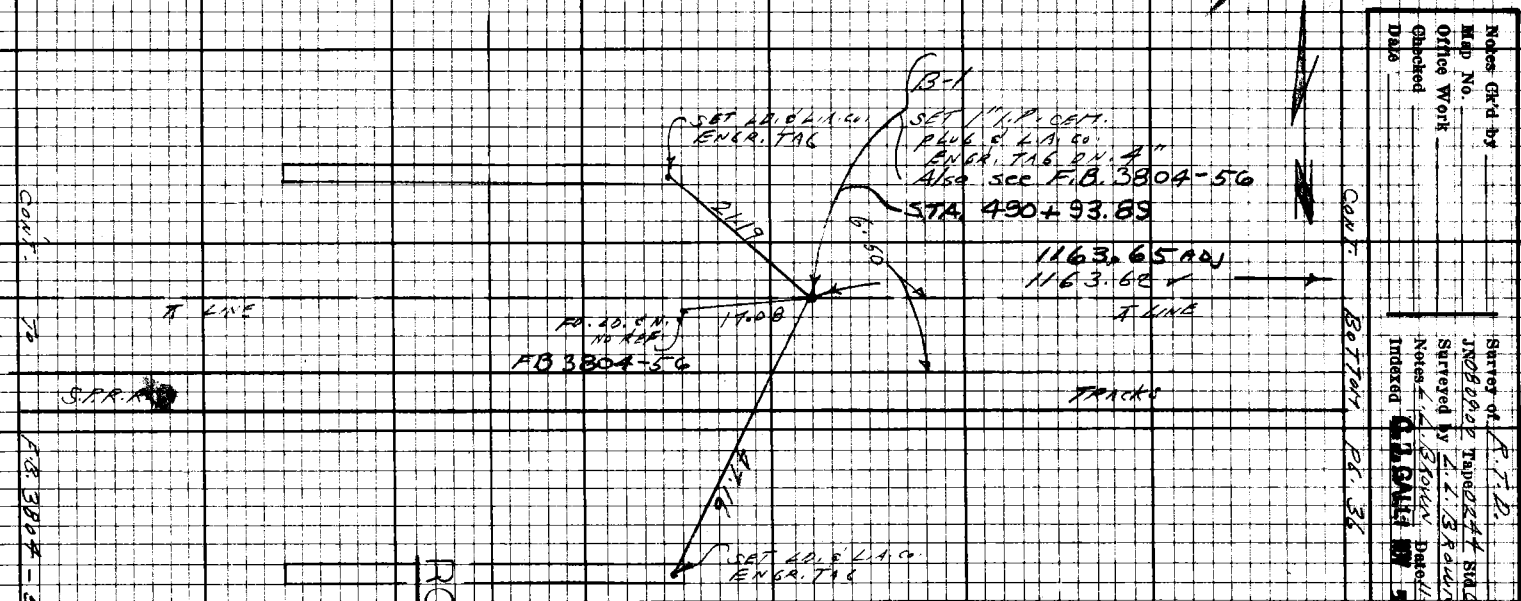
WS 44, 6-6

Notes Chk'd by
Map No.
Office Work
Checked
Data

Survey of F.T.D.
JNO BOND Tape 0244 SN 69 °F
Surveyed by L.K. & B. Brown
Notes L.K. & B. Brown Date 11-3-69
Indexed C.L. Date NOV 5 69

F.B. 3805 Pg. 35



1163.65 CLFV
T.69° = 1163.62 ✓

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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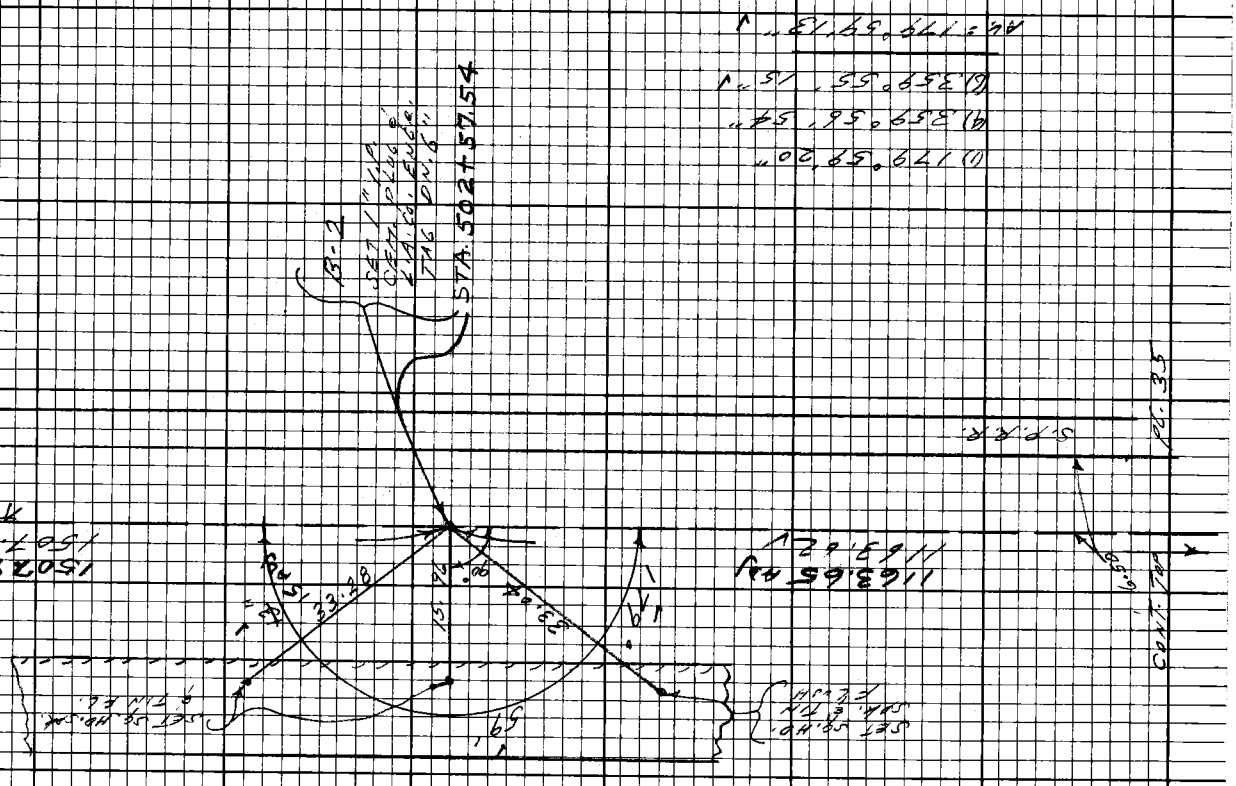
W.S 44, DT6



FB 3805 PG 36

76F3098 EE#310 9.67

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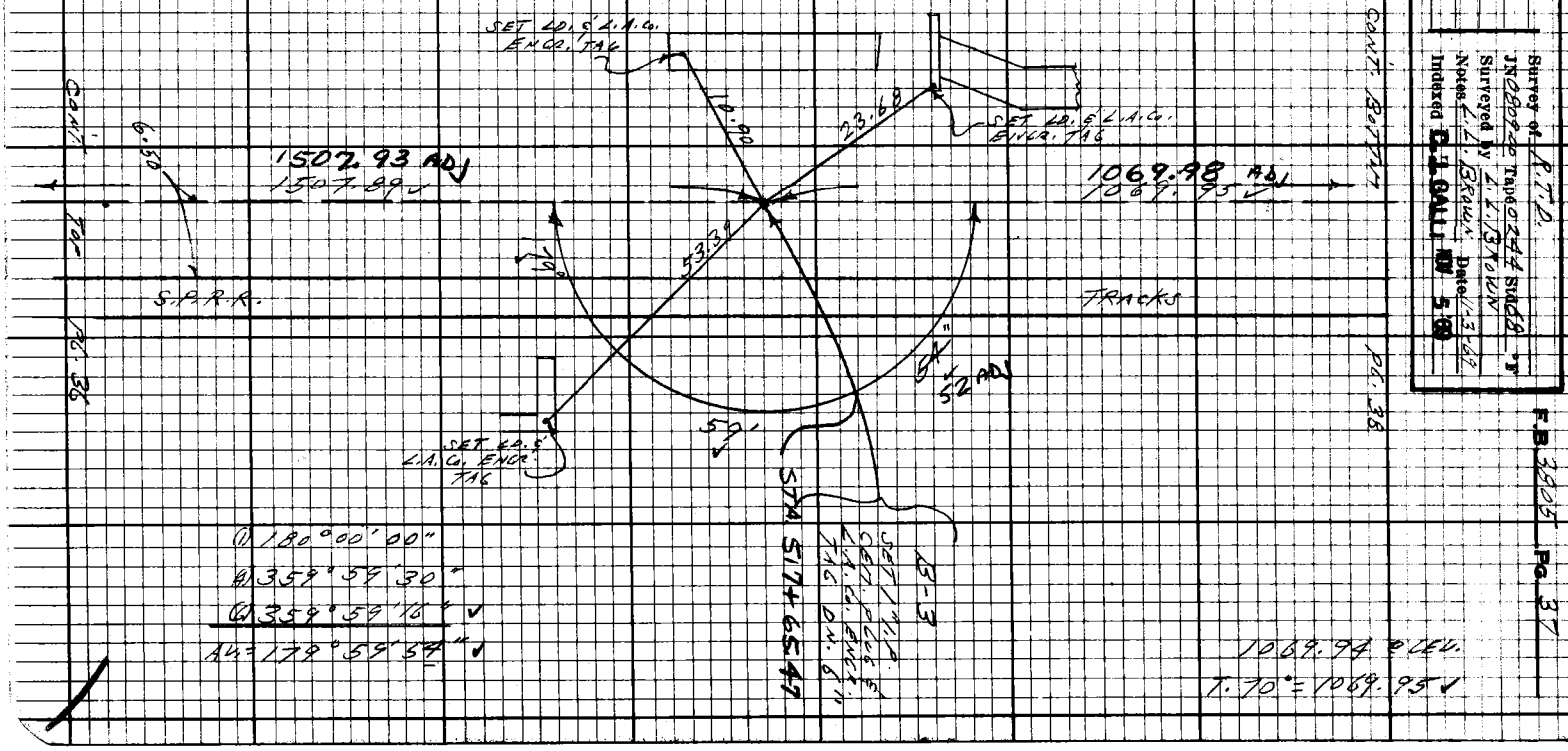
W.S. 44 D

Notes Ch'd by
M&D No.
Office Work
Checked
Date

Survey of R.T.D.
JN 089520 Tape 0244 Stage "F"
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 1-3-62
Indexed E.J. GALLI 5.68

F.B. 3905 Pg. 37



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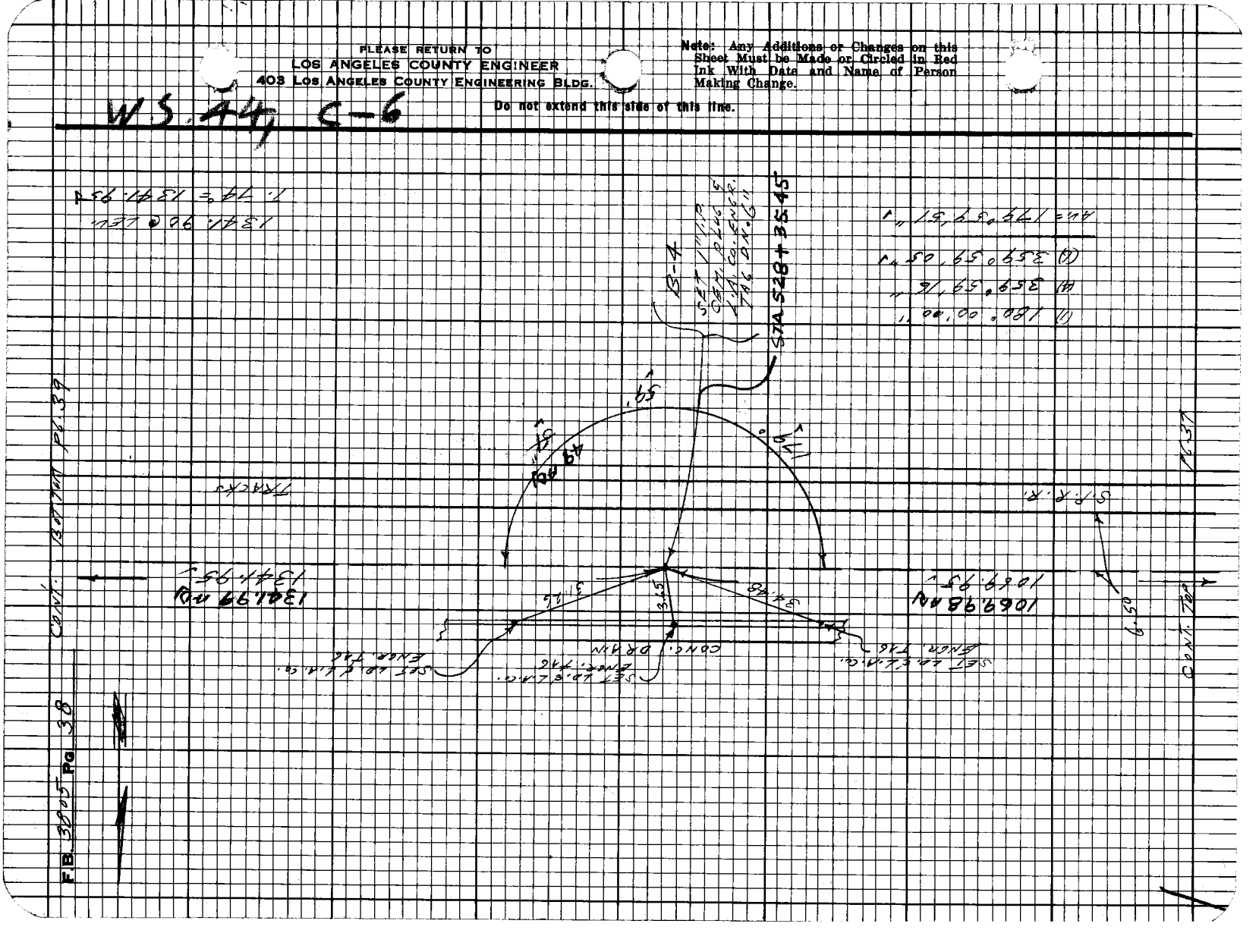
WS. 44, C-6



76F3098 CE#310 9-67

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W.S. 49 D-6

Notes: Grid by
Map No.
Office Work
Checked
Date

Survey of P.T.D.
JN0209.xxTape0244 SHEET °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Dated 1-3-62
Indexed [illegible] Dated [illegible]

CONC
CHANNEL

Δ1 180°00'00"
Δ2 360°00'02"
Δ3 359°59'57" ✓
Δ4 = 179°59'57" ✓

B-5
SET 1" I.P. CEN. PLUG & L.A.CO. ENGR. TAG ON 6"
STA 541+77.[illegible]

59'
59'
1°
30.37
1341.95 ✓
1341.99 MDJ
SET L.A. & L.A.CO. ENGR. TAG
CONT. BOTTOM PG. 38
S.P.R.R.
74.94
51.15
SET L.A. & L.A.CO. ENGR. TAG

62422 MDJ
624.20 ✓
T LINE
6.50
TRACKS
CONT. BOTTOM PG. 40
R.R. BRIDGE
624.16 @ LEG
T. 78° = 624.20 ✓

F.B. 3205 PG. 39

F.B. 3005 Pg. 40

CONT. BOTTOM PG. 41

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WSAH D-1

76F3098 CE#310 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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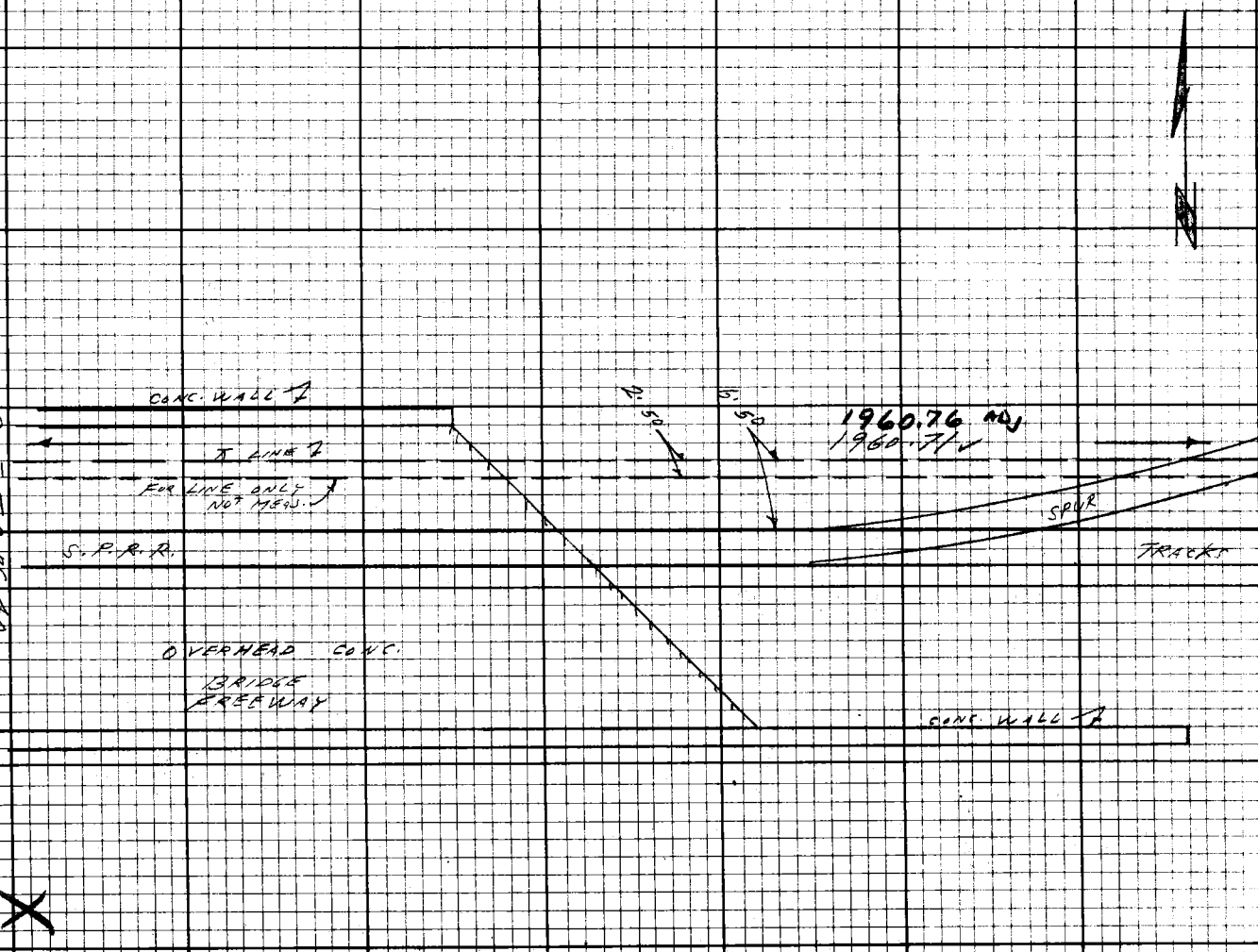
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of R.T.D.
JN 000900 Tape 0244 Stadia °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 1-3-69
Indexed

F.B. 3004 Pg 41



F.B. 3805 Pg 42 Cont. Bottom Pg. 43

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75F3098 CE 31D 9/87

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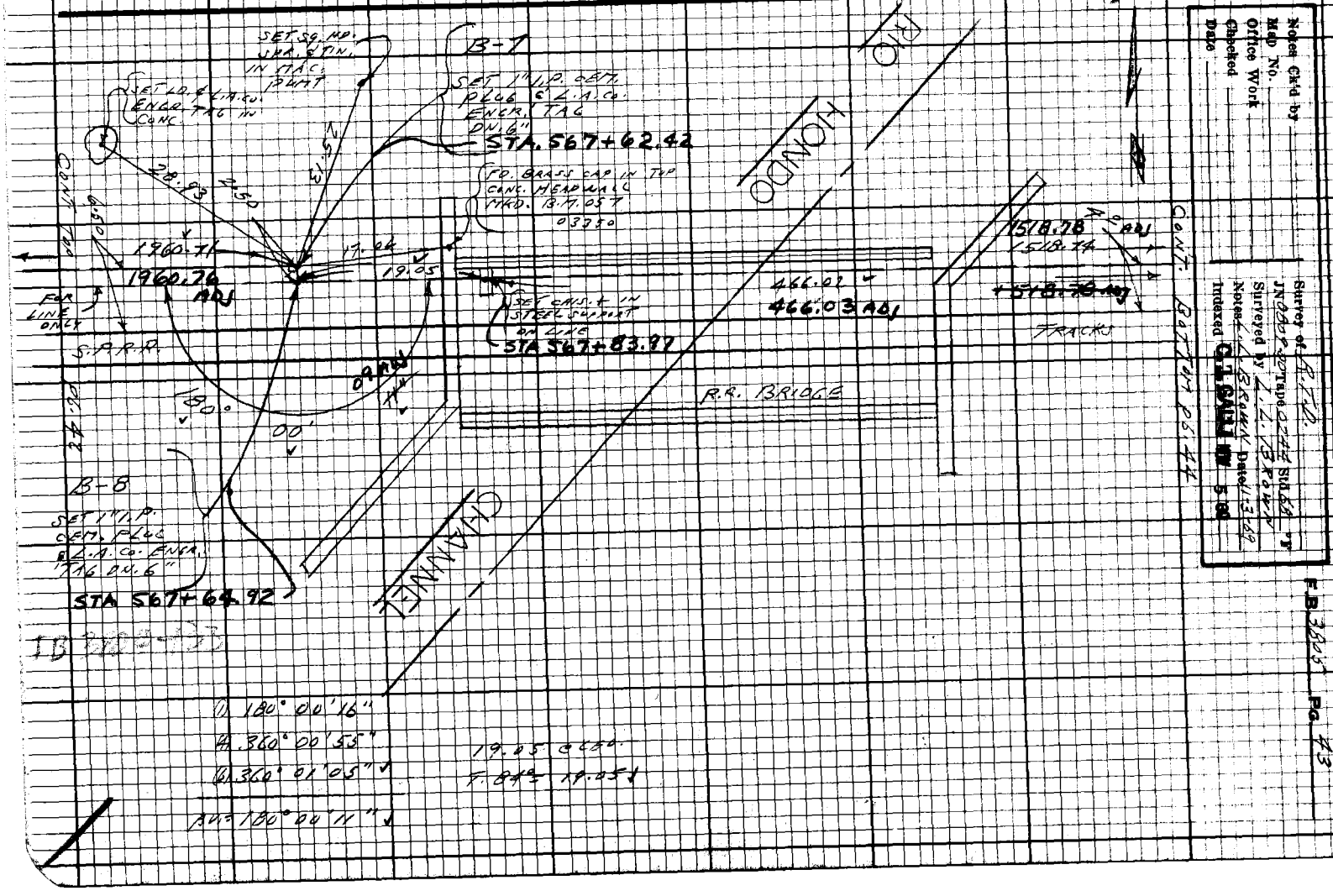
W.S. 44, D-6



Notes Ckd by
Map No.
Office Work
Checked
Date

Survey of BATTON
JN 0447-20 Tape OFFICE SURVEY
Surveyed by A.L. BRAMM
Notes L. BRAMM Date 11-3-49
Indexed C. GRAY Date 5-50

F.B. 3665 PG. 43

F.B. 3805 Pg. 44 CONT. LEFT PG. 75

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

Survey of R.T.D.
JN 0809.00 Tape 0244 Std 68 °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 11-1-69
Indexed C.J. CALL NOV 5 '69

F.B. 3805 Pg. 45

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

Do not extend the lines of this line.

PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.

7875098 CE#810 9/67

P.T.
F.O. SQ. NA. SPK.
S.W. 13N. 2"
PER
F.C. NOTES
NO F.O. NAILS

SET LD.E.L.A.CO.
ENGR. TAG

F.O. LD.E.L.A.CO.
F.C. TAG

F.O. R.R. SPK.
WITH CNIS. +
FLUSH PER
F.C. 3000-29

F.O. LD.E.L.A.CO.
F.C. TAG

SET LD.E.L.A.CO.
ENGR. TAG

F.O. LD.E.L.A.CO.
F.C. TAG

101.63 @ LEF
T. 86°-14'.64

PC. 47
CONT. BOTTOM

SANTA ANITA AVE

T LINE

TRACKS

S.P.R.R.

CONT. TOP PC. 44

SET LARGE BT.
SPK. W. 5 TIN
FLASH AT
INTERSECTION

137.24 @ LEF
T. 84°-13'.24

CONT. TOP PC. 46

571 582+83.70
B-9
SET LD.E.L.A.CO.
ENGR. TAG IN
CONC. CURB

1515.78 ADJ
1518.74
1033.67
1023.70 ADJ
1874.46 ADJ
1874.41

21.45
85.84
44.47
28.75
35.65
43.57
27.94
28.68
13.81
51.
89°
37'

(1) 89°51'26"
(4) 359°25'20"
(6) 179°08'00"
AV. = 89°51'20"

(1) 179°37'06"
(4) 358°28'24"
(6) 357°42'45"
AV. = 179°37'07"

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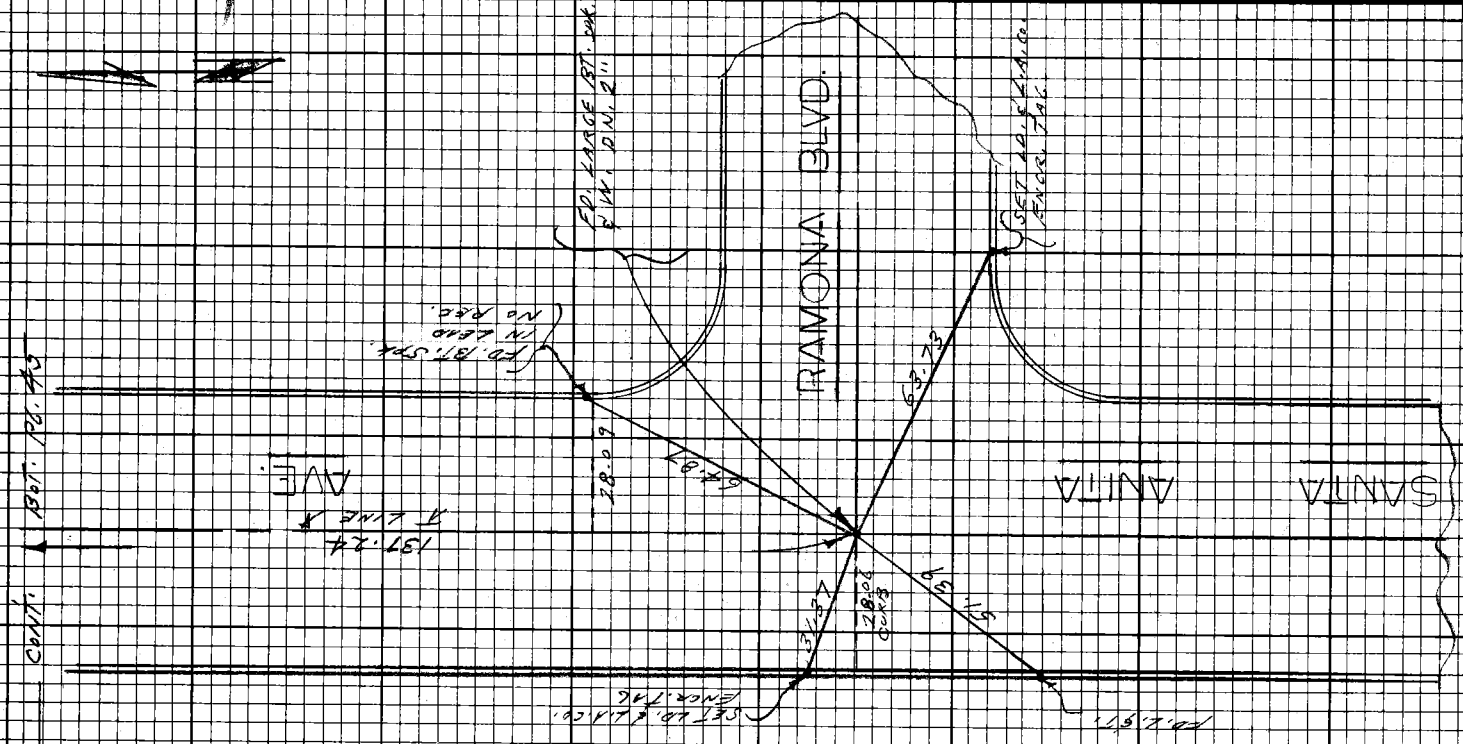
W.S. 4a, A-5



FB. 3803 Pg 46 CONT. PLOT. PL. 46

76F3098 CE#310 9-67

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W.S. 46, A-4

Notes Ch'd by
MD No.
Office Work
Checked
Date

Survey of P.T.D.
JN 0293.ac Tape 0244 Std 68 °F
Surveyed by L.L. & B.Rawlin Date 1-4-69
Notes
Indexed

F.B. 3805 Pg. 47

(1) 72° 07' 08"
(2) 288° 29' 08"
(3) 72° 43' 50"
AV. = 72° 07' 18 1/3"

EL MONTE
H-3
FD. C.S. MON.
IN H.H. ON
12" PER
F.B. 940-145

S.P.R.R.

FD. L.S.T.
PN. 1"
NO REP.

STA. 615+03.95

21.18 @ LEV. T. 70°
= 21.18

1345.77 @ LEV.
T. 70° = 1345.79

1874.46 @ LEV.
T. 64° = 1874.41

22.40
72° 07'

1345.79

1874.46 ADJ

CONT. RIGHT

℄ LINE ⅊
1874.41
1874.46 ADJ

SET SQ. HD.
SPK. & TIN
FLUSH

STA. 601+58.16

(1) 112° 00' 15"
(2) 87° 59' 40"
(3) 311° 59' 26"
AV. = 111° 59' 55.6"

EL MONTE
1-4
FD. C.S. MON. IN
CONC. ON 14"
PER
F.B. 940-75, 76

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F.B. 3005 PG. 40

NOTES RED. JOB NO. 0809.00 SURVEY OF R.T.D.
DATE SURVEY BY L.L. BROWN
NOTES CHKD. NOTES BY L.L. BROWN DATE 11-5-69
DATE INDEXED C.L.GALI DATE NOV 18 '69

F.B. 3805 PG. 49

DESCRIPTION

R.T.D. EXCLUSIVE EXPRESS BUSWAY

SAN GABRIEL TRANSPORTATION CORRIDOR.

J.N.0809.00

BENCH LEVELS

ADJ. ELEV.

BENCH LEVEL CIRCUIT FROM GARVEY MEMORIAL PARK TO DEL MAR AVE. ℄ S.P.R.R. (R.T.D. ROUTE) EASTERLY ALONG S.P.R.R. TO SANTA ANITA AVE. IN EL MONTE THEN S℄. TO GARVEY AVE.

3RD RUN

NOTE: TAKE OFF BENCH IS ON 1965 ADJ. ELEV.

BENCH AT END OF CIRCUIT IN EL MONTE IS ON 1966 ADJ. ELEV.

2ND RUN

DIFF.

PARTY
BROWN, L.L.
MOODYMAN, W.
DOMINGUEZ, C.
FINNER, L.

1ST RUN

B.M.

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

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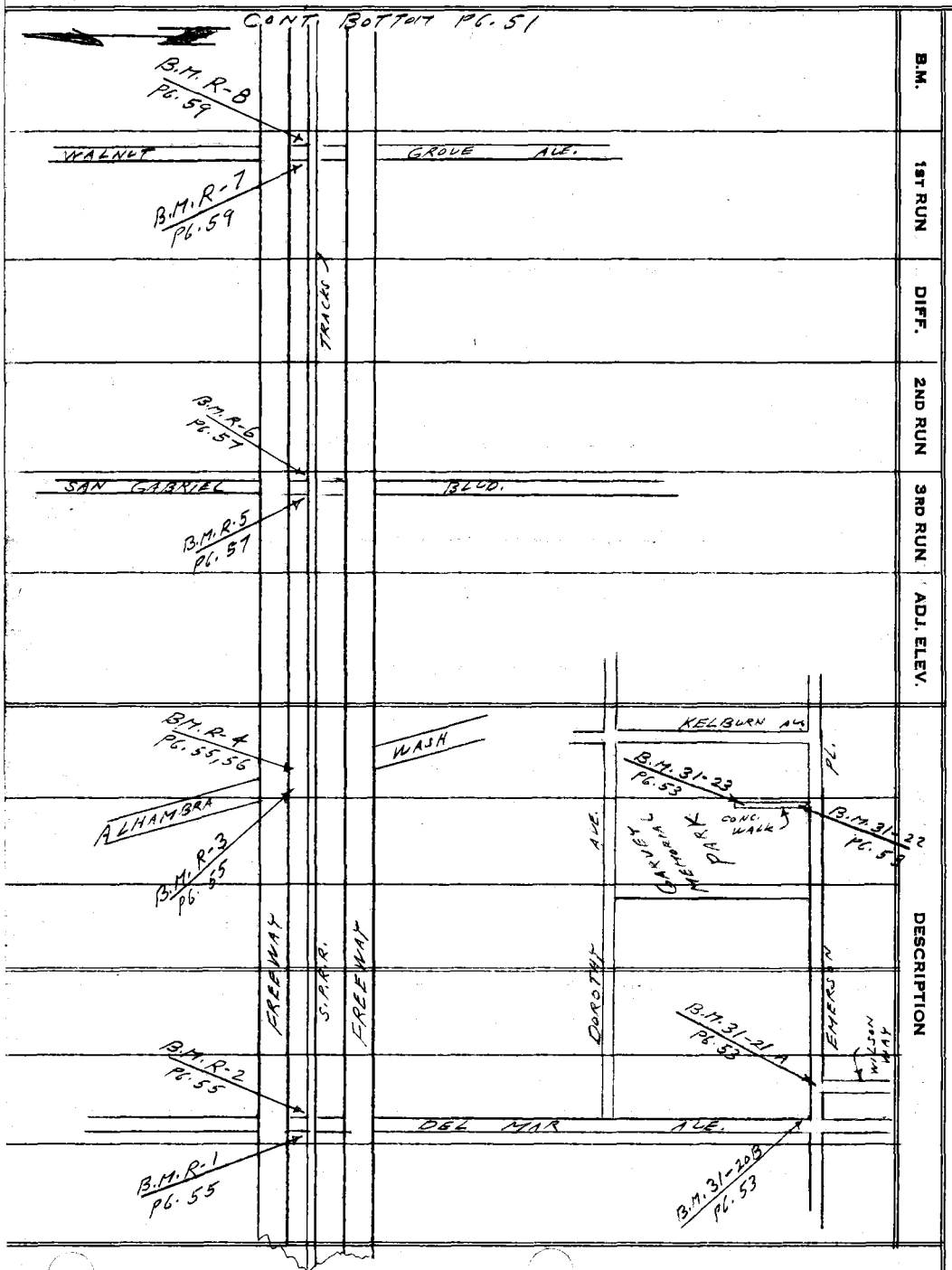
725 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 4-54

F. B. 3805 Pg. 50

JOB NO. 0809.00 SURVEY OF R.T.D. NOTES RED.
SURVEY BY L.L. BROWN DATE
NOTES BY L.L. BROWN DATE 11-5-69 NOTES CHKD.
INDEXED C.J. GAITI DATE DATE



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720 LOS ANGELES COUNTY ENGINEERING BLDG.

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765420 S & E-353 4-54

F. B. 3805 Pg. 51

NOTES RED. JOB NO. 0809.00 SURVEY OF R.T.O.
DATE SURVEY BY L.L. BROWN
NOTES CHKD. NOTES BY L.L. BROWN DATE 11-5-69
DATE INDEXED C.J. GALLI DATE NOV 19 '69

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
CONT.						
BOTTOM PG. 52						
B.M. R-22 PG. 65						
BALDWIN						
AVE						
B.M. R-21 PG. 65						
B.M. R-20 PG. 65						
CONC.						
CHANNEL						
B.M. R-19 PG. 65						
B.M. R-18 PG. 64						
B.M. R-17 PG. 63						
B.M. R-16 PG. 63						
B.M. R-15 PG. 63						
TRACKS						
S.P.R.R.						
FREEWAY						
B.M. R-14 PG. 62						
T.B.M. 1 PG. 62						
B.M. R-13 PG. 61						
ROSEMEAD						
BLVD.						
B.M. R-12 PG. 61						
FREEWAY						
B.M. R-11 PG. 61						
WASH						
B.M. R-10 PG. 60						
RUBIO						
B.M. R-9 PG. 60						
CONT. TOP PG. 50						

Do not extend notes this side of this line

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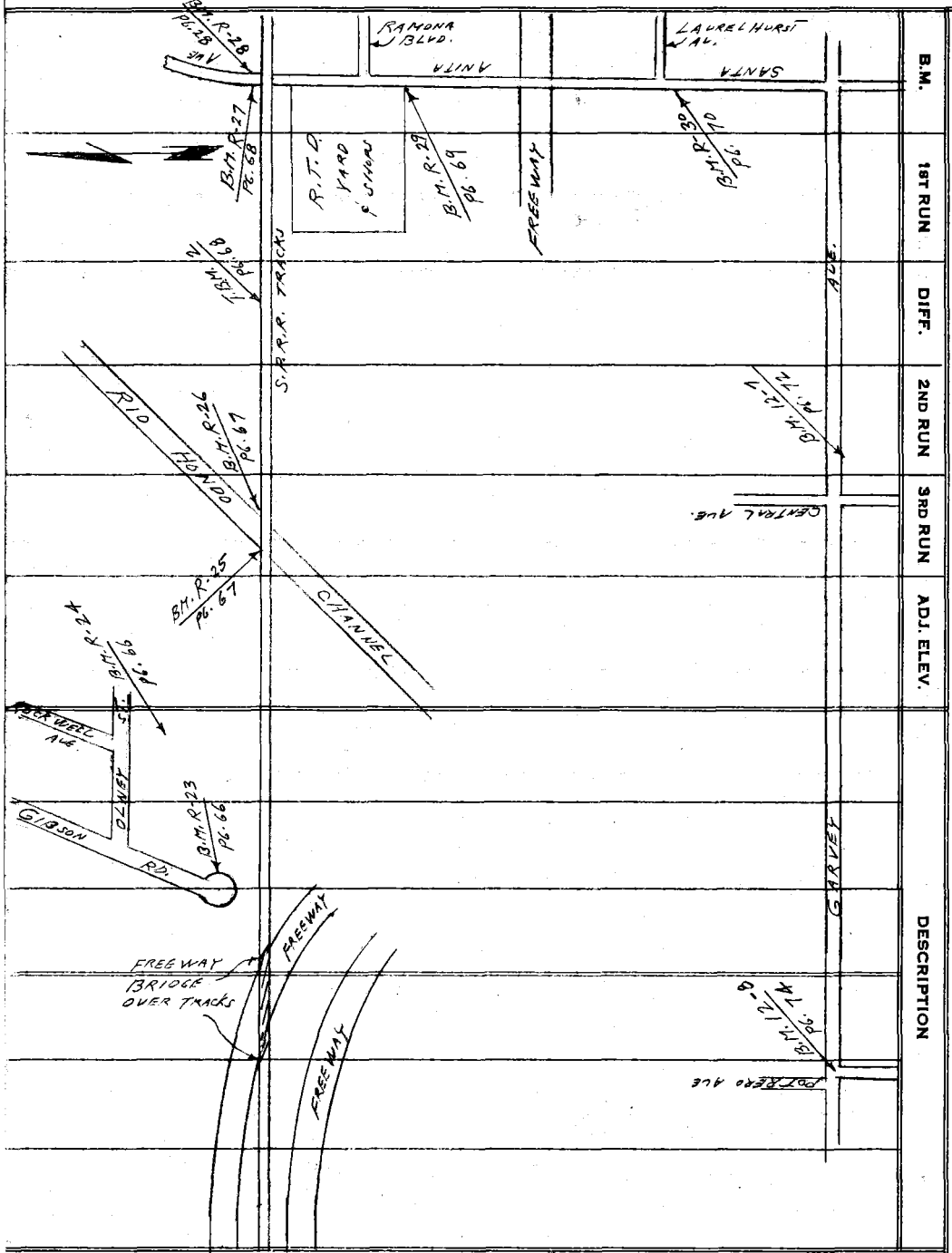
728 LOS ANGELES COUNTY ENGINEERING BLDG.

766420 S & E-353 4-54

F. B. 3805 PG. 52

JOB NO. 0809.00 SURVEY OF R.T.D. NOTES RED.
SURVEY BY L. L. BROWN DATE
NOTES BY L. L. BROWN. DATE 11-5-69 NOTES CHKD.
INDEXED D. L. GALLI DATE DATE



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

CONT. TOP PG. 51

Do not extend notes this side of this line

765420 S & E-353 4-54

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76S420 S & E-353 4-54

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Do not extend notes this side of this line

(FD.) B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 31-23	302 166	✓			302.166	B.M. 31-23 ELEV. 302.166 (1965 ADJ.) F.B. 1397-28
+	3 662		3 787			GARVEY MEMORIAL REC. CENTER. 7933 EMERSON PL. 330' ±
Σ	305 828	-3 348 ✓	-3 348 ✓			W. OF KELBURN AVE. & 330.2' N. OF ℄ OF EMERSON PL. L.A.Co.
(FD) -	7 010		7 135			SURVEYOR BRASS CAP SET FLUSH IN CENTER OF CONC. WALK
B.M. 31-22	298 818	✓			298.826	B.M. 31-22 ELEV. 298.826 (1965 ADJ.) F.B. 1397-28
+	7 697		7 828			GARVEY MEMORIAL REC. CENTER. 7933 EMERSON PL. 330' ±
Σ	306 515	+1 262 ✓	+1 260 ✓			W. OF KELBURN AVE. & 97.2' N. OF ℄ OF EMERSON PL. L.A.Co.
-	6 435		6 568			SURVEYOR BRASS CAP SET FLUSH IN CENTER OF CONC. WALK.
T.P.	300 080	✓				T.P. SPK.
+	5 467		5 520			
Σ	305 547	+0 008 ✓	+0 011 ✓			
-	5 459		5 509			
T.P.	300 088	✓				T.P. SPK.
+	5 818		5 929			
Σ	305 906	+1 261 ✓	+1 261 ✓			
-	4 557		4 668			
T.P.	301 349	✓				T.P. SPK.
+	5 580		5 682			
Σ	306 929	+0 711 ✓	+0 713 ✓			
(FD.) -	4 869		4 959			
B.M. 31-21A	302 060	✓			302.075	B.M. 31-21A ELEV. 302.075 (1965 ADJ.) F.B. 1397-25
+	7 745		7 904			EMERSON PL. & WILSON WAY ℄ & INT. C.E. MON. IN
Σ	309 805	+2 902 ✓	+2 902 ✓			H.H. P.N. 9"
(FD) -	4 843		5 002			
B.M. 31-20B	304 962	✓				B.M. 31-20B ELEV. 304.991 (1965 ADJ.) F.B. 3707-169
+	5 835		5 961			DEL MAR AVE. & EMERSON PL. ℄ N.E. COR. BT. SPK.
Σ	310 797	+0 945 ✓	+0 946 ✓			IN E. CURB OF DEL MAR AVE. 21.5' N. OF N. END
-	4 890		5 015			OF C.R.
T.P.	305 907	✓				T.P. SPK.

NOTES RED. _____ JOB NO. 0809.00 SURVEY OF. R.T.D.
DATE _____ SURVEY BY. L.L. Brown
NOTES CHKD. _____ NOTES BY. L.L. Brown DATE 11-5-69
DATE _____ INDEXED. C.J. GALLI DATE NOV 1969

F.B. Pg. 53

76S420 S & E-353 4-54

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JOB NO. 0809.00 SURVEY OF R.T.D.
SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-5-69
INDEXED O.J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3845 PG. 54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	305 907					T.P. SPK.
+	5 600		5 685			
Π	311 507	+0 862	+0 863			
−	4 738		4 822			
T.P.	306 769					T.P. SPK.
+	5 433		5 596			
Π	312 202	+2 685	+2 687			
−	2 748		2 909			
T.P.	309 454					T.P. SPK.
+	5 719		5 783			
Π	315 173	+0 451	+0 451			
−	5 268		5 332			
T.P.	309 905					T.P. SPK.
+	6 332		6 369			
Π	316 237	+1 772	+1 772			
−	4 560		4 597			
T.P.	311 677					T.P. SPK.
+	5 840		5 903			
Π	317 517	+1 391	+1 392			
−	4 449		4 511			
T.P.	313 068					T.P. SPK.
+	5 029		5 065			
Π	318 097	+3 542	+3 544			
−	1 487		1 521			
T.P.	316 610					T.P. 1X1 STAKE & N.
+	5 232		5 290			
Π	321 842	+0 258	+0 259			
−	4 974		5 031			
T.P.	316 868					T.P. SPK.

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	316 868 ✓					T.P. SPK.
+	6 803		6 897			
Σ	323 671	+3 242 ✓	+3 242 ✓			
(SET) −	3 561		3 655			
B.M. R-1	320 110 ✓				320.122	B.M. R-1 ELEV. 320.122 F.B. 3805-55
+	3 880		3 968			DEL MAR AVE. & S.P.R.R. WEST END OF
Σ	323 990	-0 929 ✓	-0 927 ✓			R.R. BRIDGE - ROUND HD. BOLT IN CONC. 3½'
(SET) −	4 809		4 895			E. OF W. END & 6' N. OF N. RAIL
B.M. R-2	319 181 ✓				319.193	B.M. R-2 ELEV. 319.193 F.B.
+	3 619		3 690			DEL MAR AVE. & S.P.R.R. EAST END OF
Σ	322 800	-2 184 ✓	-2 182 ✓			R.R. BRIDGE ROUND HD. BOLT 4½' W. OF E.
−	5 803		5 872			END & 6' N. OF N. RAIL
T.P.	316 997 ✓					T.P. SPK.
+	3 377		3 489			
Σ	320 374	-2 495 ✓	-2 495 ✓			
−	5 872		5 984			
T.P.	314 502 ✓					T.P. SPK.
+	3 202		3 291			
Σ	317 704	-1 978 ✓	-1 977 ✓			
−	5 180		5 268			
T.P.	312 524 ✓					T.P. SPK.
+	3 954		4 073			
Σ	316 478	+0 484 ✓	+0 482 ✓			
(SET) −	3 470		3 591			
B.M. R-3	313 008 ✓				313.019	B.M. R-3 ELEV. 313.019 F.B. 3805-55
+	3 693		3 831			ALHAMBRA WASH & S.P.R.R. WEST
Σ	316 701	-0 307 ✓	-0 306 ✓			END OF CONC. BRIDGE BT. SPK. IN LD.
(SET) −	4 000		4 137			18' N. OF N. RAIL
B.M. R-4	312 701 ✓				312.712	B.M. R-4 ELEV. 312.712 F.B.
						FOR DESC. SEE PG.

NOTES RED. _____ JOB NO. 0809.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY L.L. BROWN
NOTES CHKD. _____ NOTES BY L.L. BROWN DATE 11-5-69
DATE _____ INDEXED C.H. GALLI DATE NOV 19 '69

F.B. 3805 PG. 55

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M. (SET)	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. R-4	312 701				312.712	B.M. R-4 ELEV. 312.712 F.B. 3805-56
+	2 281		2 462			ALHAMBRA WASH & S.P.R.R. EAST END
Π	314 982	-3 078	-3 079			OF CONC. BRIDGE 4 FT. IN CONC. 175
−	5 359		5 541			N. OF N. RAIL
T.P.	309 623					T.P. SPK.
+	3 656		3 788			
Π	313 279	-0 874	-0 873			
−	4 530		4 661			
T.P.	308 749					T.P. SPK.
+	3 985		4 061			
Π	312 734	-0 997	-0 997			
−	4 982		5 058			
T.P.	307 752					T.P. SPK.
+	4 182		4 269			
Π	311 934	-0 897	-0 900			
−	5 079		5 169			
T.P.	306 855					T.P. SPK.
+	4 660		4 741			
Π	311 515	-0 909	-0 909			
−	5 569		5 650			
T.P.	305 946					T.P. SPK.
+	4 152		4 242			
Π	310 098	-0 899	-0 898			
−	5 051		5 140			
T.P.	305 047					T.P. SPK.
+	4 198		4 307			
Π	309 245	-0 824	-0 824			
−	5 022		5 131			
T.P.	304 223					T.P. SPK.

JOB NO. 0809.00 SURVEY OF R.T.D.
SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-5-69
INDEXED C.J. GALL DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 3805 PG. 56

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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.	304 223 ✓					T.P. SPK.
+	4 299		4 469			
Σ	308 522	-0 943 ✓	-0 943 ✓			
(SET) –	5 242		5 412			
B.M. R-5	303 280 ✓				303.288	B.M. R-5 ELEV. 303.288 F.B. 3805-57
+	5 081		5 128			SAN GABRIEL BLVD. & S.P.R.R. BRIDGE
Σ	308 361	-0 398 ✓	-0 397 ✓			WEST END. ROUND HD. BOLT 6¾' N. OF N.
(SET) –	5 479		5 525			RAIL & 04' S. OF L.A.C. ENGR. TAG M-6
B.M. R-6	302 882 ✓				302.890	B.M. R-6 ELEV. 302.890 F.B. 3805-57
+	4 109		3 920			SAN GABRIEL BLVD. & S.P.R.R. BRIDGE
Σ	306 991	-0 601 ✓	-0 602 ✓			EAST END. L. & T. IN CONC. 6 5/8' N. OF N. RAIL
–	4 710		4 522			
T.P.	302 281 ✓					T.P. SPK.
+	4 100		4 198			
Σ	306 381	-0 848 ✓	-0 849 ✓			
–	4 948		5 047			
T.P.	301 433 ✓					T.P. SPK.
+	4 268		4 352			
Σ	305 701	-0 754 ✓	-0 756 ✓			
–	5 022		5 108			
T.P.	300 679 ✓					T.P. SPK.
+	4 357		4 445			
Σ	305 036	-0 773 ✓	-0 776 ✓			
–	5 130		5 221			
T.P.	299 906 ✓					T.P. SPK.
+	4 288		4 365			
Σ	304 194	-0 762 ✓	-0 765 ✓			
–	5 050		5 131			
T.P.	299 144 ✓					T.P. SPK.

NOTES RED. _____ JOB NO. 08009.00 SURVEY OF R.T.O.
DATE _____ SURVEY BY L.L. BROWN
NOTES CHKD. _____ NOTES BY L.L. BROWN DATE 11-5-69
DATE _____ INDEXED B.H. CALLI DATE NOV 19 '69

F.B. 3805 PG. 57

769420 S & E-353 4-54

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NOTES RED. DATE
NOTES CHKD. DATE

JOB NO. 0809.00 SURVEY OF R.T.D.
SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-5-69
INDEXED C. L. GALLI DATE

F.B. 3805 PG. 58

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	299 144 ✓					T.P. SPK.
+	4 201		4 280			
Σ	303 345	-0 697 ✓	-0 694 ✓			
−	4 898		4 974			
T.P.	298 447 ✓					T.P. SPK.
+	4 022		4 111			
Σ	302 469	-0 839 ✓	-0 837 ✓			
−	4 861		4 948			
T.P.	297 608 ✓					T.P. SPK.
+	4 157		4 205			
Σ	301 765	-0 649 ✓	-0 647 ✓			
−	4 806		4 852			
T.P.	296 959 ✓					T.P. SPK.
+	3 742		3 067			
Σ	300 701	-0 945 ✓	-0 943 ✓			
−	4 687		4 010			
T.P.	296 014 ✓					T.P. SPK.
+	3 907		3 947			
Σ	299 921	-0 764 ✓	-0 762 ✓			
−	4 671		4 709			
T.P.	295 250 ✓					T.P. SPK.
+	3 933		3 909			
Σ	299 183	-0 801 ✓	-0 800 ✓			
−	4 734		4 709			
T.P.	294 449 ✓					T.P. SPK.
+	3 860		3 782			
Σ	298 309	-0 910 ✓	-0 908 ✓			
−	4 770		4 690			
T.P.	293 539 ✓					T.P. SPK.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	293 539 ✓					T.P. SPK.
+	4 077		4 198			
Σ	297 616	-0 906 ✓	-0 905 ✓			
(SET) −	4 983		5 103			
B.M. R-7	292 633 ✓				292.637	B.M. R-7 ELEV. 292.637 F.B. 3805-59
+	4 562		4 486			WALNUT GROVE AVE. & S.P.R.R. BRIDGE WEST
Σ	297 195	-0 413 ✓	-0 413 ✓			END BT. SPK. IN CONC. ABUTMENT 6' N. OF N.
(SET) −	4 975		4 899			RAIL & 1' W. OF L.A.C. ENGR. TAG (H-7)
B.M. R-8	292 220 ✓				292.224	B.M. R-8 ELEV. 292.224 F.B. 3805-59
+	3 990		3 913			WALNUT GROVE AVE. & S.P.R.R. EAST END
Σ	296 210	-0 975 ✓	-0 976 ✓			OF R.R. BRIDGE L.S.T. IN CONC. ABUTMENT
−	4 965		4 889			6' NORTH OF N. RAIL
T.P.	291 245 ✓					T.P. SPK.
+	3 737		3 683			
Σ	294 982	-1 483 ✓	-1 486 ✓			
−	5 220		5 169			
T.P.	289 762 ✓					T.P. SPK.
+	4 025		3 964			
Σ	293 787	-1 296 ✓	-1 297 ✓			
−	5 321		5 261			
T.P.	288 466 ✓					T.P. SPK.
+	3 806		3 756			
Σ	292 272	-1 569 ✓	-1 568 ✓			
−	5 375		5 324			
T.P.	286 897 ✓					T.P. SPK.
+	3 840		3 960			
Σ	290 737	-1 489 ✓	-1 488 ✓			
−	5 329		5 448			
T.P.	285 408 ✓					T.P. SPK.

NOTES RED _____ JOB NO. 0809.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY L.L. BROWN
NOTES CHKD. _____ NOTES BY L.L. BROWN DATE 11-5-69
DATE _____ INDEXED C.L. GALLI DATE NOV 19 '69

F.B. 3805 PG. 57

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JOB NO. 0809.00 SURVEY OF R.T.D.
SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-5-69
INDEXED [redacted] DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3805 Pg. 60

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	285 408 ✓					T.P. SPK.
+	3 825		3 721			
Π	289 233	-1 455 ✓	-1 453 ✓			
−	5 280		5 174			
T.P.	283 953 ✓					T.P. SPK.
+	4 043		3 970			
Π	287 996	-1 355 ✓	-1 357 ✓			
−	5 398		5 327			
T.P.	282 598 ✓					T.P. SPK.
+	3 961		3 928			
Π	286 559	-1 602 ✓	-1 602 ✓			
−	5 563		5 530			
T.P.	280 996 ✓					T.P. SPK.
+	4 165		4 065			
Π	285 161	-1 205 ✓	-1 205 ✓			
−	5 370		5 270			
T.P.	279 791 ✓					T.P. SPK.
+	4 550		4 495			
Π	284 341	-0 809 ✓	-0 807 ✓			
(SET) −	5 359		5 302			
B.M.R-9	278 982 ✓				278.983	B.M.R-9 ELEV. 278.983 F.B. 3805-60
+	5 426		5 557			RUBIO WASH & S.P.R.R. WEST END OF R.R.
Π	284 408	+4 842 ✓	+4 844 ✓			BRIDGE NO. 1087 L.&T. IN CONC. ABUTMENT
(SET) −	0 584		0 713			65' N. OF N. RAIL
B.M.R-10	283 824 ✓				283.825	B.M.R-10 ELEV. 283.825 F.B. 3805-60
+	0 406		0 244			RUBIO WASH & S.P.R.R. EAST END OF HWY.
Π	284 230	-1 339 ✓	-1 339 ✓			BRIDGE L.&T. IN CONC. ABUTMENT 17.8'
(SET)	1 745		1 583			NORTH OF N. RAIL
B.M.R-11	282 485 ✓				282.486	B.M.R-11 ELEV. 282.486 F.B.
						FOR DESC. SEE PG.

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B.M. (SET)	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. R-11	282 485 ✓				282.486	B.M. R-11 ELEV. 282.486 F.B. 3805-61
+	0 389		0 355			RUBIO WASH & S.P.R.R. EAST END OF HWY.
Σ	282 874	-4 926 ✓	-4 926 ✓			BRIDGE L. & T. IN CONC. ABUTMENT 37½' S.
-	5 315		5 279			OF N. RAIL
T.P.	277 559 ✓					T.P.
+	5 401		5 442			
Σ	282 960	+0 156 ✓	+0 156 ✓			
(SET) -	5 245		5 287			
B.M. R-12	277 715 ✓				277.715	B.M. R-12 ELEV. 277.715 F.B. 3805-61
+	5 560		5 621			ROSEMEAD BLVD. & S.P.R.R. BRIDGE
Σ	283 275	+0 0201	+0 0021 ✓			WEST END. L. & T. (P.O.T.) IN CONC. ABUTMENT
(SET) -	5 540		5 600			65' N. OF N. RAIL
B.M. R-13	277 735 ✓				277.735	B.M. R-13 ELEV. 277.735 F.B. 3805-61
+	5 196		5 401			ROSEMEAD BLVD. & S.P.R.R. BRIDGE
Σ	282 931	-0 317 ✓	-0 319 ✓			EAST END, L. & T. IN CONC. ABUTMENT
-	5 513		5 720			6' N. OF N. RAIL
T.P.	277 418 ✓					T.P. SPK.
+	4 288		4 210			
Σ	281 706	-1 110 ✓	-1 108 ✓			
-	5 398		5 318			
T.P.	276 308 ✓					T.P. SPK.
+	4 502		4 610			
Σ	280 810	-1 212 ✓	-1 209 ✓			
-	5 714		5 819			
T.P.	275 096 ✓					T.P. SPK.
+	4 528		4 780			
Σ	279 624	-1 117 ✓	-1 117 ✓			
-	5 645		5 897			
T.P.	273 979 ✓					T.P. SPK.

NOTES RED. _____ JOB NO. 0808.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY L. L. BROWN DATE 11-7-69
NOTES CHKD. _____ NOTES BY L. L. BROWN DATE _____
DATE _____ INDEXED P. J. GALLI DATE NOV 1969

F.B. 3805 PG. 61

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JOB NO. 0809.00 SURVEY OF R.T.D.
SURVEY BY L. L. BROWN
NOTES BY L. L. BROWN DATE 11-7-69
INDEXED D. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3805 Pg. 62

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	273 979					T.P. SPK.
+	4 565		4 552			
Σ	278 544	-1 171	-1 170			
−	5 736		5 722			
T.P.	272 808					T.P. SPK.
+	4 725		4 610			
Σ	277 533	-2 808	-2 809			
(GET) −	7 533		7 419			
B.M. R-14	270 000				269.998	B.M. R-14 ELEV. 269.998 F.B. 3805-62
+	3 561		3 452			S.P.R.R. 1" I.P. CEM. PLUG & L.A.C. ENGR.
Σ	273 561	-1 217	-1 218			TAG DN. 6" 6 ± N. OF N. RAIL (B-2
(GET) −	4 778		4 670			SEE F.B. 3805-36)
T.B.M. 1	268 783				268.781	T.B.M. NO. 1 ELEV. 268.781 F.B. 3805-62
+	5 362		5 298			S.P.R.R. SQ. HD. SPK. & TIN 22 ± N. OF
Σ	274 145	+1 079	+1 079			N. RAIL IN MAC. PMT. FREEWAY SHOULDER
−	4 283		4 219			OPPOSITE (1" I.P. B-2 SEE F.B. 3805-36)
T.P.	269 862					T.P. SPK.
+	3 580		3 548			
Σ	273 442	-2 560	-2 557			
−	6 140		6 105			
T.P.	267 302					T.P. SPK.
+	4 192		4 270			
Σ	271 494	-1 901	-1 900			
−	6 093		6 170			
T.P.	265 401					T.P. SPK.
+	3 962		3 840			
Σ	269 363	-1 926	-1 925			
−	5 888		5 765			
T.P.	263 475					T.P. SPK.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	263 475 ✓					T.P. SPK.
+	4 108		4 045			
Π	267 583	-1 974 ✓	-1 975 ✓			
-	6 082		6 020			
T.P.	261 501 ✓					T.P. SPK.
+	3 784		3 667			
Π	265 285	-1 356 ✓	-1 353 ✓			
-	5 140		5 020			
T.P.	260 145 ✓					T.P. SPK.
+	4 718		4 668			
Π	264 863	-1 032 ✓	-1 033 ✓			
(SET) -	5 750		5 701			
B.M.R-15	259 113 ✓				259.109	B.M. R-15 ELEV. 259.109 F.B. 3805-63
+	5 618		5 729			S.P.R.R. BT. SPK. IN LD. IN CONC. HEADWALL
Π	264 731	+0 111 ✓	+0 111 ✓			15' N. OF N. RAIL & 11 ± W. OF
(SET) -	5 507		5 618			(1" I.P. B-3 SEE F.B. 3805-37)
B.M.R-16	259 224 ✓				259.220	B.M. R-16 ELEV. 259.220 F.B 3805-63
+	5 344		5 382			S.P.R.R. BT. SPK. IN LD. IN CONC. HEADWALL
Π	264 568	+0 550 ✓	+0 549 ✓			16 ± N. OF N. RAIL & 21' ± E. OF
-	4 794		4 833			(1" I.P. B-3 SEE F.B. 3805-37)
T.P.	259 774 ✓					T.P. SPK.
+	5 051		5 031			
Π	264 825	-1 201 ✓	-1 200 ✓			
-	6 252		6 231			
B.M.R-17	258 573 ✓				258.568	B.M. R-17 ELEV. 258.568 F.B. 3805-63
+	6 562		6 449			S.P.R.R. BT. SPK. IN LD. IN S. WALL OF CONC.
Π	265 135	+1 187 ✓	+1 187 ✓			DRAIN 10' N. OF N. RAIL & 450' ± E.
-	5 375		5 262			OF (1" I.P. B-3 SEE F.B. 3805-37)
T.P.	259 760 ✓					T.P. SPK.

NOTES RED _____ JOB NO. 0809.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY L.L. & B. ROWN
NOTES CHKD. _____ NOTES BY L.L. & B. ROWN DATE 11-7-69
DATE _____ INDEXED C. J. GALLI DATE NOV 1969

F.B. 3805 PG. 63

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JOB NO. 0869.00 SURVEY OF R.T.D.
SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-10-69
INDEXED C. J. GALLI DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 3865 PG. 64

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	259 760					T.P. SPK.
+	5 268		5 190			
Σ	265 028	+0 233	+0 231			
−	5 035		4 959			
T.P.	259 993					T.P. SPK.
+	5 374		5 308			
Σ	265 367	+0 262	+0 260			
−	5 112		5 048			
T.P.	260 255					T.P. SPK.
+	5 166		5 147			
Σ	265 421	-1 017	-1 017			
(SET) −	6 183		6 164			
B.M. R-18	259 238				259.232	B.M. R-18 ELEV. 259.232 F.B. 3805-64
+	6 522		6 444			S.P.R.R. BT. SPK. IN L.D. IN S. WALL OF CONC.
Σ	265 760	+1 479	+1 482			DRAIN 10± N. OF IN. RAIL & 10± E. OF
−	5 043		4 962			(1" I.P. B-4)(SEE F.B. 3805-38)
T.P.	260 717					T.P. SPK.
+	5 378		5 252			
Σ	266 095	+0 311	+0 310			
−	5 067		4 942			
T.P.	261 028					T.P. SPK.
+	5 428		5 389			
Σ	266 456	+0 249	+0 249			
−	5 179		5 140			
T.P.	261 277					T.P. SPK.
+	5 327		5 292			
Σ	266 604	+0 358	+0 355			
−	4 969		4 937			
T.P.	261 635					T.P. SPK.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	261 635 ✓					T.P. SPK.
+	5 441		5 310			
Π	267 076	+0 297 ✓	+0 297 ✓			
−	5 144		5 013			
T.P.	261 932 ✓					T.P. SPK.
+	5 246		5 164			
Π	267 178	+0 841 ✓	+0 844 ✓			
(SET) −	4 405		4 320			
B.M. R-19	262 773 ✓				262.765	B.M. R-19 ELEV. 262.765 F.B. 3805-65
+	5 535		5 333			CONC. F.C. CHANNEL (600' ± W. BALDWIN AVE.)
Π	268 308	+0 084 ✓	+0 094 ✓			& S.P. R.R. BRIDGE W. END., BT. SPK. IN LD.
(SET) −	5 451		5 249			IN CONC. ABUTMENT 6° N. OF N. RAIL
B.M. R-20	262 857 ✓				262.849	B.M. R-20 ELEV. 262.849 F.B. 3805-65
+	4 249		4 169			CONC. F.C. CHANNEL (600'±)(W. BALDWIN AVE.)
Π	267 106	+0 071 ✓	+0 068 ✓			& S.P.R.R. BRIDGE E. END. BT. SPK. IN LD. IN
−	4 178		4 101			CONC. ABUTMENT 6° N. OF N. RAIL
T.P.	262 928 ✓					T.P. SPK.
+	3 842		3 770			
Π	266 770	+0 494 ✓	+0 496 ✓			
(SET) −	3 348		3 274			
B.M. R-21	263 422 ✓				263.414	B.M. R-21 ELEV. 263.414 F.B. 3805-65
+	3 492		3 383			BALDWIN AVE. & S.P. R.R. W. END OF R.R.
Π	266 914	+0 050 ✓	+0 051 ✓			BRIDGE BT. SPK. IN LD. IN CONC. ABUTMENT
(SET) −	3 442		3 332			3.5' E. OF W. END & 7.3' N. OF N. RAIL
B.M. R-22	263 472 ✓				263.463	B.M. R-22 ELEV. 263.463 F.B. 3805-65
+	3 649		3 527			BALDWIN AVE. & S.P.R.R. E. END OF R.R.
Π	267 121	-0 015 ✓	-0 013 ✓			BRIDGE BT. SPK. IN LD. IN CONC. ABUTMENT
−	3 664		3 540			7.3' N. OF N. RAIL
T.P.	263 457 ✓					T.P. SPK.

NOTES RED _____ JOB NO. 0802.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY L.L. BROWN
NOTES CHKD. _____ NOTES BY L.L. BROWN DATE 11-10-69
DATE _____ INDEXED C.J. GALLI DATE NOV 19 '69

F.B. 3805 PG. 65

768420 S & E-353 4-54

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JOB NO. 0809.00 SURVEY OF R.T.O.
SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-10-69
INDEXED C.L. GALL DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 3805 Pg. 66

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	263 457					T.P. SPK.
+	4 119		4 051			
Π	267 576	+0 677	+0 679			
−	3 442		3 372			
T.P.	264 134					T.P. SPK.
+	3 642		3 602			
Π	267 776	+0 891	+0 890			
(SET) −	2 751		2 712			
B.M. R-23	265 025				265.015	B.M. R-23 ELEV. 265.015 F.B. 3805-66
+	1 540		1 470			OLNEY ST. & GIBSON RD. 97'± S. &
Π	266 565	-4 308	-4 305			42'± E. OF ℄ INT. BT. SPK. IN E. CURB
(SET) −	5 848		5 775			OF CUL-DE-SAC
B.M. R-24	260 717				260.707	B.M. R-24 ELEV. 260.707 F.B. 3805-66
+	8 640		8 775			OLNEY ST. & ROCKWELL AVE. 61'± E. &
Π	269 357	+3 372	+3 373			108'± S. OF ℄ INT. BT. SPK. IN LD. IN TOP
−	5 268		5 402			OF CONC. HEADWALL 16'± S. OF N. END.
T.P.	264 089					T.P. SPK.
+	4 457		4 522			
Π	268 546	-0 624	-0 627			
−	5 081		5 149			
T.P.	263 465					T.P. SPK.
+	5 450		5 545			
Π	268 915	+0 669	+0 667			
−	4 781		4 878			
T.P.	264 134					T.P. SPK
+	5 709		5 778			
Π	269 843	+1 165	+1 166			
−	4 544		?			
T.P.	265 299					T.P. SPK.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	265 299	✓				T.P. SPK.
+	10 650		10 553			
Π	275 949	+8 069	+8 068	✓		
−	2 581		2 485			
T.P.	273 368	✓				T.P. SPK.
+	3 902		3 863			
Π	277 270	-1 398	-1 399	✓		
(SET) −	5 300		5 262			
B.M.R-25	271 970	✓			271.959	B.M. R-25 ELEV 271.959 F.B. 3805-67 RIO HONDO
+	5 712		5 645			CHANNEL & S.P. R.R. BRIDGE W. END BRASS DISC
Π	277 682	+1 520	+1 520	✓		IN CONC. ABUTMENT 7½' N. OF N. RAIL DISC IS
−	4 192		4 125			MARKED B.M. 057.003350
T.P	273 490	✓				T.P. SPK.
+	4 520		4 581			
Π	278 010	+0 111	+0 111	✓		
−	4 409		4 470			
T.P.	273 601	✓				T.P. SPK.
+	4 762		4 881			
Π	278 363	-0 259	-0 259	✓		
−	5 021		5 140			
T.P.	273 342	✓				T.P. SPK.
+	4 948		5 009			
Π	278 290	-1 314	-1 314	✓		
(SET) −	6 262		6 323			
B.M. R-26	272 028	✓			272.015	B.M. R-26 ELEV 272.015 F.B. 3805-67 RIO HONDO
+	6 226		6 288			CHANNEL & S.P. R.R. BRIDGE E. END PHILLIPS
Π	278 254	+1 296	+1 298	✓		HEAD SCREW IN LD. IN CONC. ABUTMENT
−	4 930		4 990			8' N. OF N. RAIL
T.P.	273 324	✓				

NOTES RED. _____ JOB NO. 0809.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY L.L. BROWN
NOTES CHKD. _____ NOTES BY L.L. BROWN DATE 11-10-69
DATE _____ INDEXED R.H. GALLI DATE NOV 19 '69

F.B. 3805 Pg. 67

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SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11/10-69
INDEXED G. L. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3845 PG. 68

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	273 324 ✓					T.P. SPK.
+	3 806		3 712			
Σ	277 130	+0 701 ✓	+0 698 ✓			
−	3 105		3 014			
T.P.	274 025 ✓					T.P. SPK.
+	4 362		4 291			
Σ	278 387	+1 852 ✓	+1 851 ✓			
(SET) −	2 510		2 440			
T.B.M. 2	275 877 ✓				275.864	T.B.M. No. 2 ELEV. 275.864 F.B. 3805-68 573 ± W. OF SANTA ANITA AVE. & 9 ± N. OF N. RAIL BT. SPK. IN P.P. No. 64803R
+	4 186		4 115			
Σ	280 063	+0 063 ✓	+0 065 ✓			
−	4 123		4 050			
T.P.	275 940 ✓					T.P. SPK.
+	5 243		5 207			
Σ	281 183	+0 692 ✓	+0 692 ✓			
−	4 551		4 515			
T.P.	276 632 ✓					T.P. SPK
+	5 650		5 598			
Σ	282 282	+0 1521	+0 1551 ✓			
(SET) −	5 498		5 443			
B.M. R-27	276 784 ✓				276.770	B.M. R-27 ELEV. 276.770 F.B. 3805-68 SANTA ANITA AVE. & S.P.R.R. TRACKS W. SIDE OF SANTA ANITA AVE. BT. SPK. IN LD. IN CONC. CURB 49 ± N. OF N. RAIL
+	6 182		6 257			
Σ	282 966	+0 012 ✓	+0 012 ✓			
(SET) −	6 170		6 245			
B.M. R-28	276 796 ✓				276.781	B.M. R-28 ELEV. 276.781 F.B. 3805-68 SANTA ANITA AVE. & S.P.R.R. TRACKS E. SIDE OF SANTA ANITA AVE. BT. SPK. IN LD. IN CONC. CURB 44.8' N. OF N. RAIL
+	5 702		5 661			
Σ	282 498	−1 024 ✓	−1 026 ✓			
−	6 726		6 687			
T.P.	275 772 ✓					T.P. SPK.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	275 772 ✓					T.P. SPK.
+	4 495		4 440			
Σ	280 267	-1 271 ✓	-1 270 ✓			
−	5 766		5 710			
T.P.	274 501 ✓					T.P. SPK.
+	5 668		5 722			
Σ	280 169	+0 749 ✓	+0 750 ✓			
(SET) −	4 919		4 972			
B.M. R-29	275 250 ✓				275.235	B.M. R-29 ELEV. 275.235 F.B. 3805-69
+	4 491		4 550			SANTA ANITA AVE. & RAMONA BLVD. IN SIDE
Σ	279 741	-1 717 ✓	-1 717 ✓			OF SANTA ANITA AVE. 250'± S. & 50'± W. OF
−	6 208		6 267			INT. BT. SPK. IN LD. IN CONC. CURBING @ S.E. COR. R.T.D. PROP. COR.
T.P.	273 533 ✓					T.P. SPK.
+	4 941		5 013			
Σ	278 474	-0 509 ✓	-0 509 ✓			
−	5 450		5 522			
T.P.	273 024 ✓					T.P. SPK.
+	5 698		5 638			
Σ	278 722	+0 089 ✓	+0 090 ✓			
−	5 609		5 548			
T.P.	273 113 ✓					T.P. SPK.
+	5 242		5 310			
Σ	278 355	-0 497 ✓	-0 497 ✓			
−	5 739		5 807			
T.P.	272 616 ✓					T.P. SPK
+	5 120		5 180			
Σ	277 736	-1 291 ✓	-1 291			
−	6 411		6 471			
T.P.	271 325 ✓					T.P. SPK.

NOTES RED _____ JOB NO. 0809.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY L.L. BROWN
NOTES CHKD _____ NOTES BY L.L. BROWN DATE 11-10-69
DATE _____ INDEXED C.J. GALLI DATE NOV 19 '69

F.B. 3805 PG. 69

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SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-10-69
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 3805 PG. 70

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	271 325					T.P. SPK.
+	6 031		6 125			
Σ	277 356	-0 094	-0 095			
−	6 125		6 220			
T.P.	271 231					T.P. SPK
+	5 865		5 942			
Σ	277 096	+0 198	+0 200			
−	5 667		5 742			
T.P.	271 429					T.P. SPK.
+	4 890		4 861			
Σ	276 319	-1 192	-1 192			
−	6 082		6 053			
T.P.	270 237					T.P. SPK
+	5 789		5 738			
Σ	276 026	-0 401	-0 401			
−	6 190		6 139			
T.P.	269 836					T.P. SPK.
+	5 928		5 987			
Σ	275 764	+0 445	+0 446			
−	5 483		5 541			
T.P.	270 281					T.P. SPK
+	5 194		5 259			
Σ	275 475	-0 524	-0 523			
(SET) −	5 718		5 782			
B.M. R-30	269 757				269.739	B.M. R-30 ELEV. 269.739 F.B. 3805-70 SANTA ANITA AVE. & LAUREL HURST AVE. 28° W. & 20± S. OF ℄ INT. BT. SPK. IN LD. IN CONC. CURB W. SIDE OF SANTA ANITA AVE. T.P. SPK.
+	5 261		5 347			
Σ	275 018	-1 411	-1 412			
−	6 672		6 759			
T.P.	268 346					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	268 346 ✓					T.P. SPK.
+	5 396		5 524			
Σ	273 742	-1 5731	-1 574 ✓			
−	6 969		7 098			
T.P.	266 773 ✓					T.P. SPK.
+	4 402		4 342			
Σ	271 175	-1 7381	-1 738 ✓			
−	6 140		6 080			
T.P.	265 035 ✓					T.P. SPK.
+	4 909		4 970			
Σ	269 944	-1 4601	-1 4591			
−	6 369		6 429			
T.P.	263 575 ✓					T.P. SPK.
+	5 522		5 671			
Σ	269 097	-0 878	-0 878 ✓			
−	6 400		6 549			
T.P.	262 697 ✓					T.P. SPK.
+	5 794		5 888			
Σ	268 491	+0 150	+0 150 ✓			
−	5 644		5 738			
T.P.	262 847 ✓					T.P. SPK.
+	4 995		5 069			
Σ	267 842	-0 466	-0 466 ✓			
−	5 461		5 535			
T.P.	262 381 ✓					T.P. SPK.
+	5 589		5 694			
Σ	267 970	-0 1981	-0 201			
−	5 787		5 895			
T.P.	262 183 ✓					T.P. SPK.

NOTES RED. _____ JOB NO. 0809.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY L. L. BROWN
NOTES CHKD. _____ NOTES BY L. L. BROWN DATE 11-12-69
DATE _____ INDEXED C. J. GALLI DATE NOV 19 '69

F. B. 3805 PG. 71

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SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-12-69
INDEXED C.J. GALT DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3805 PG. 74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	262 183					T.P. SPK.
+	5 902		5 956			
Σ	268 085	+0 4001	+0 3981			
(FD) −	5 502		5 558			
B.M. 12-7	262 583				262.562	B.M. 12-7 ELEV. 262.562 (1966 ADJ.) F.B. 1379-11
+	6 970		7 071			GARVEY AVE. & CENTRAL AVE. 179.5' E. OF ℄ INT. &
Σ	269 553	+1 8881	+1 8781			39.6' S. OF ℄ OF GARVEY AVE. C.S. MON. IN H.H.
−	5 089		5 193			ON. 14' BELOW TOP OF CURB.
T.P.	264 464					T.P. SPK.
+	5 260		5 308			
Σ	269 724	−0 7591	−0 7571			
−	6 019		6 065			
T.P.	263 705					T.P. SPK.
+	4 725		4 904			
Σ	268 430	−0 9531	−0 9501			
−	5 678		5 854			
T.P.	262 752					T.P. SPK.
+	4 884		4 828			
Σ	267 636	−1 1521	−1 1521			
−	6 036		5 980			
T.P.	261 600					T.P. SPK.
+	4 762		4 877			
Σ	266 362	−0 8781	−0 8751			
−	5 640		5 752			
T.P.	260 722					T.P. SPK
+	4 045		4 107			
Σ	264 767	−1 9031	−1 9031			
−	5 948		6 010			
T.P.	258 819					T.P. SPK.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	258 819					T.P. SPK.
+	5 446		5 548			
Π	264 265	-0 273	-0 270			
−	5 719		5 818			
T.P.	258 546					T.P. SPK.
+	4 684		4 759			
Π	263 230	-1 535	-1 532			
−	6 219		6 291			
T.P.	257 011					T.P. SPK.
+	4 978		5 042			
Π	261 989	-2 049	-2 047			
−	7 027		7 091			
T.P.	254 962					T.P. SPK.
+	4 939		5 037			
Π	259 901	-1 129	-1 128			
−	6 068		6 165			
T.P.	253 833					T.P. SPK.
+	5 248		5 320			
Π	259 081	-0 225	-0 228			
−	5 473		5 548			
T.P.	253 608					T.P. SPK.
+	5 021		5 078			
Π	258 629	-0 990	-0 991			
−	6 011		6 069			
T.P.	252 618					T.P. SPK.
+	4 943		5 071			
Π	257 561	-1 589	-1 591			
−	6 532		6 662			
T.P.	251 029					T.P. SPK.

NOTES RED. _____ JOB NO. 0809.00 SURVEY OF T.T.D.
DATE _____ SURVEY BY L. L. BROWN DATE 11-12-69
NOTES CHKD. _____ NOTES BY L. L. BROWN DATE _____
DATE _____ INDEXED C. J. GAIN DATE NOV 19 '69

F.B. 3805 PG. 73

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	251 029	✓				
+	5 612		5 702			
T	256 641	-1 075	-1 076			
(FD.) -	6 687		6 778			
B.M. 12-8	249 954	✓			249.944	B.M. 12-8 ELEV. 249.944 (1966 ADJ.) F.B. 3709-109 GARVEY AVE. & POTRERO AVE., 18.6' W. OF NLY. PROJECTION OF THE E. CURB LINE OF POTRERO AVE. & 17.6' N. OF THE S. CURB LINE OF GARVEY AVE. C.S. MON. IN H.H. DN. 8"

NOTES RED
DATE
NOTES CHKD.
DATE

JOB NO. 0809.00 SURVEY OF A.T.D.
SURVEY BY L.L. BROWN
NOTES BY L.L. BROWN DATE 11-12-69
INDEXED C.J. GALL DATE

F.B. 3805 PG. 74

Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-18-69
Date	Indexed C. J. GALLI DEC 5 '69

F.B. 3805 Pg. 75

R.T.D. EXCLUSIVE EXPRESS BUSWAY

SAN GABRIEL TRANSPORTATION CORRIDOR

J.N. 0809.00

TOPOGRAPHY

LOCATION OF IMPROVEMENTS FROM MISSION RD. N.ELY TO SOTO ST. ALONG S.P.R.R. (R.T.D. ROUTE)

PARTY

BROWN, L.L.

MOODYMAN, M.

DOMINGUEZ, C.

FISHER, L.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

7656DB CE#310 9-67

F.B. 3805 Pg. 76

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403 Los Angeles County Engineering Bldg.

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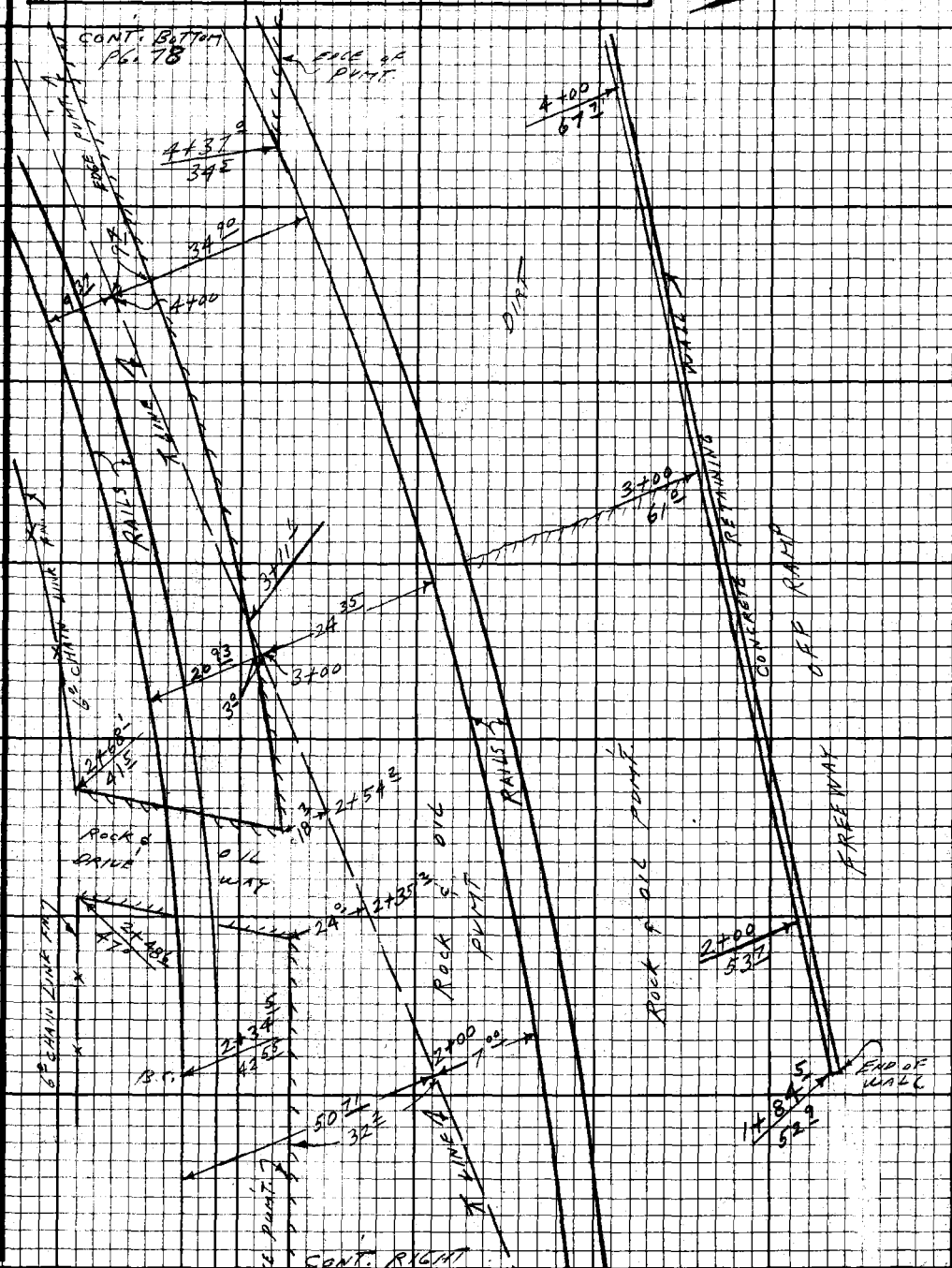
Notes Ck'd by	Survey of R.T.O.
Map No.	JN 0809.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-18-69
Date	Indexed G. J. GALLI

F.B. 3805 PG. 77



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

7SR008 CE#310 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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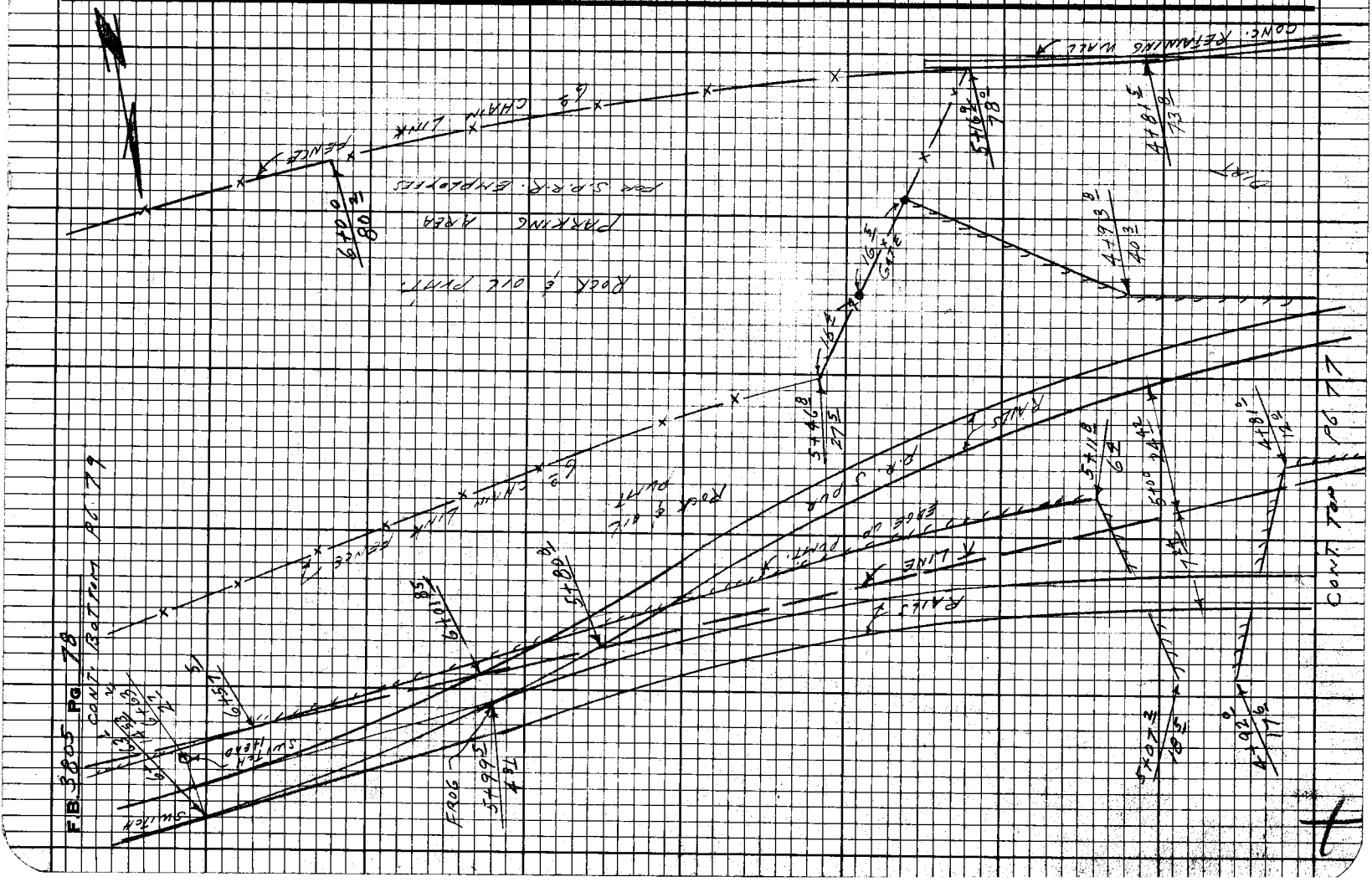
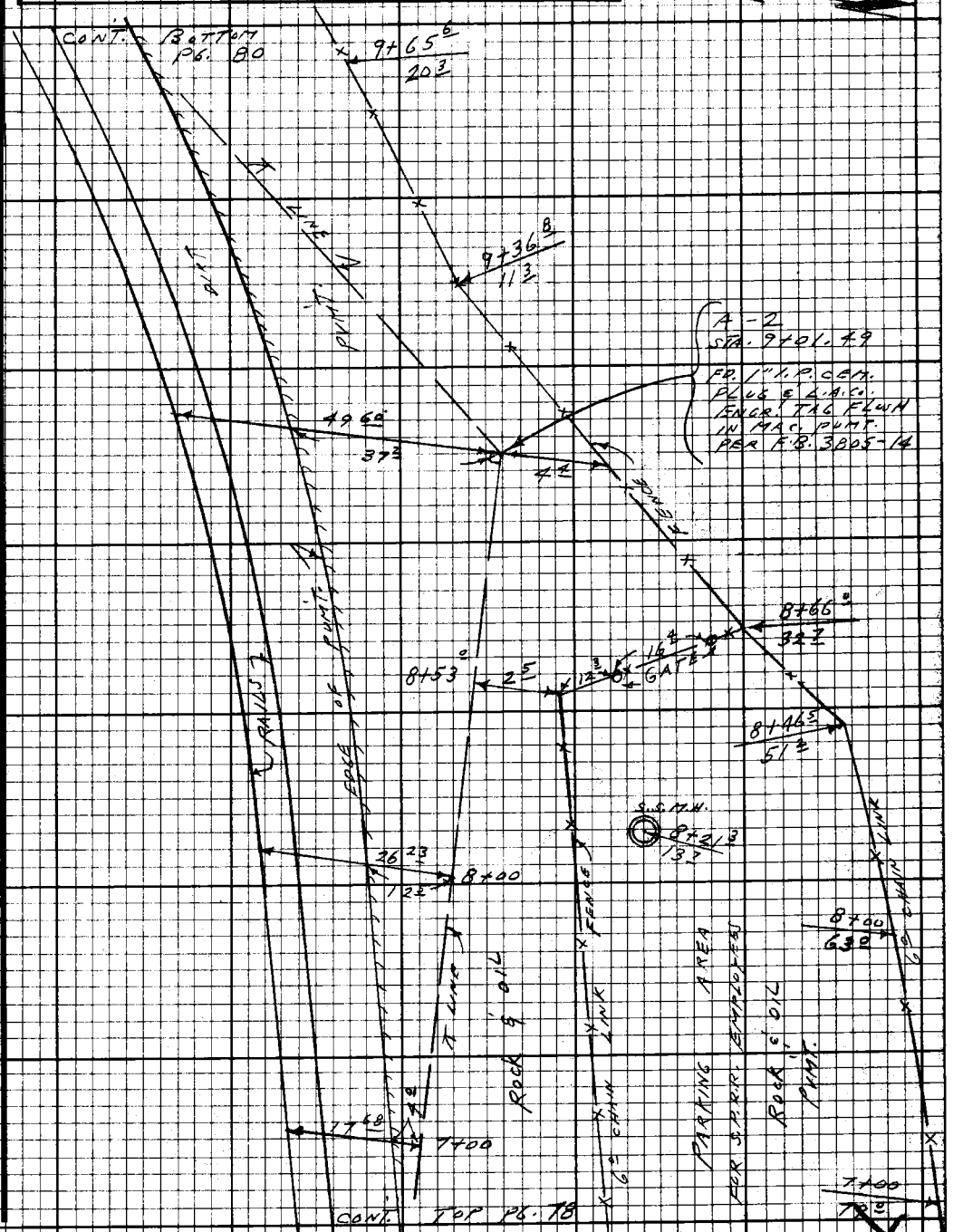


Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-18-69
Date	Indexed C.J. GALLI

F.B. 3805 Pg. 79



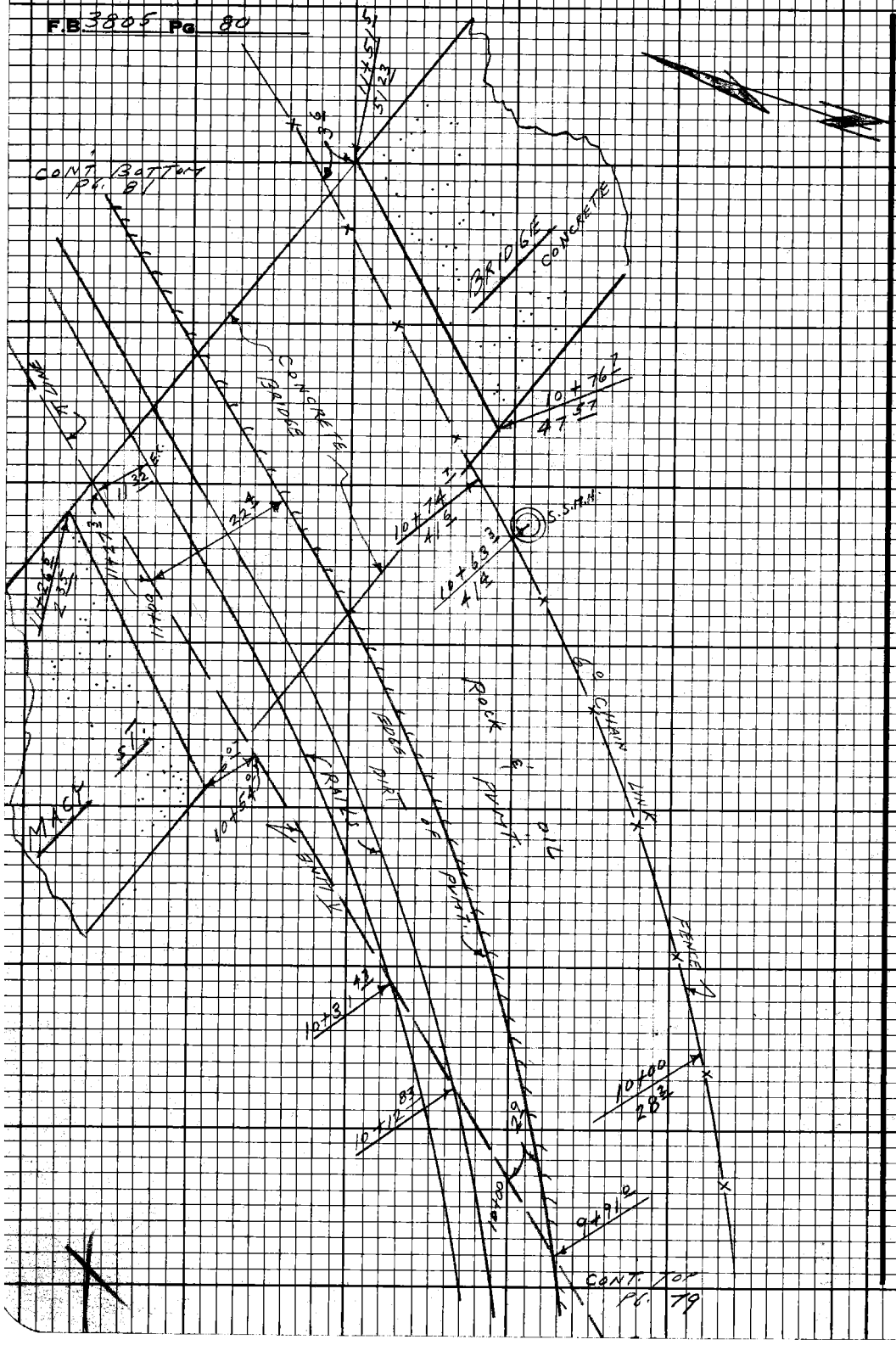
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F5088 CE#310 9.67

F.B. 3805 Pg. 80



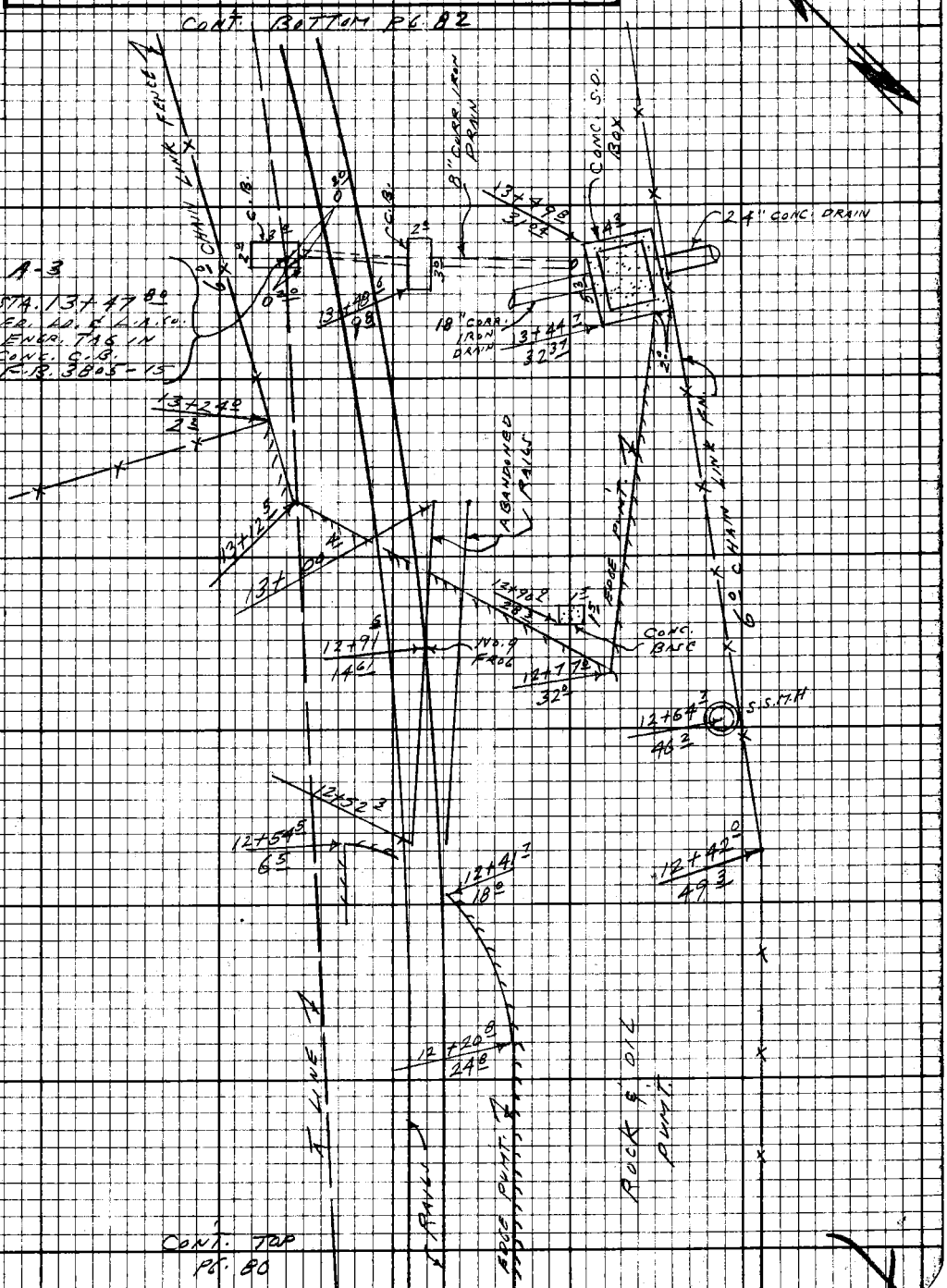
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend this side of this line.

Notes Ck'd by	Survey of R.T.D.
Map No.	JN 9809.0 Tape ____ Std ____ °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 11-19-69
Date	Indexed C. J. GALLI DEC 12 '69

F.B. 3805 Pg. 81



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

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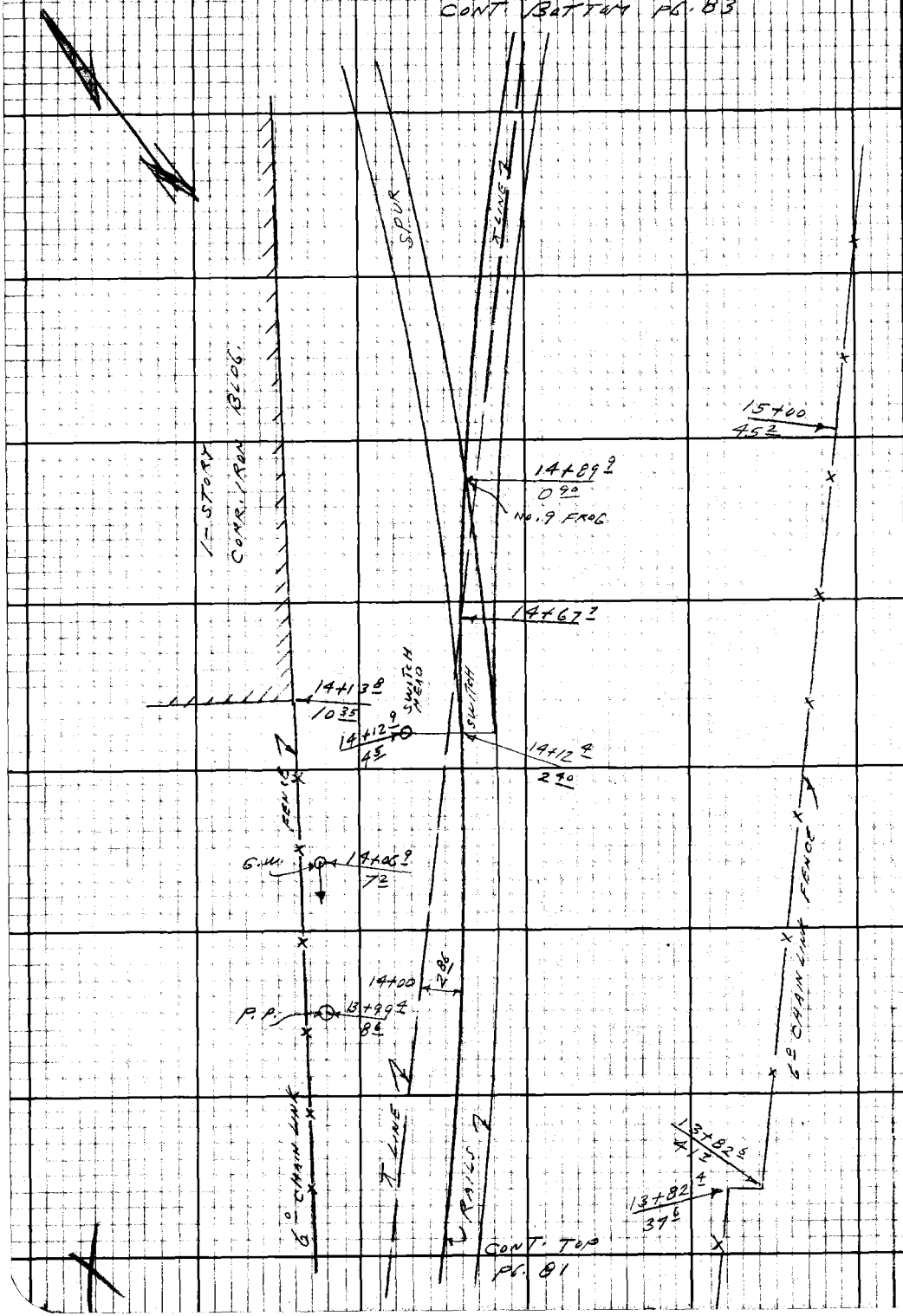
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

AS-5098 CE#310 8-67

F.B. 3895 PG. 82

CONT. BATTERY PG. 83



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

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76F3088 CE#31D 9-67

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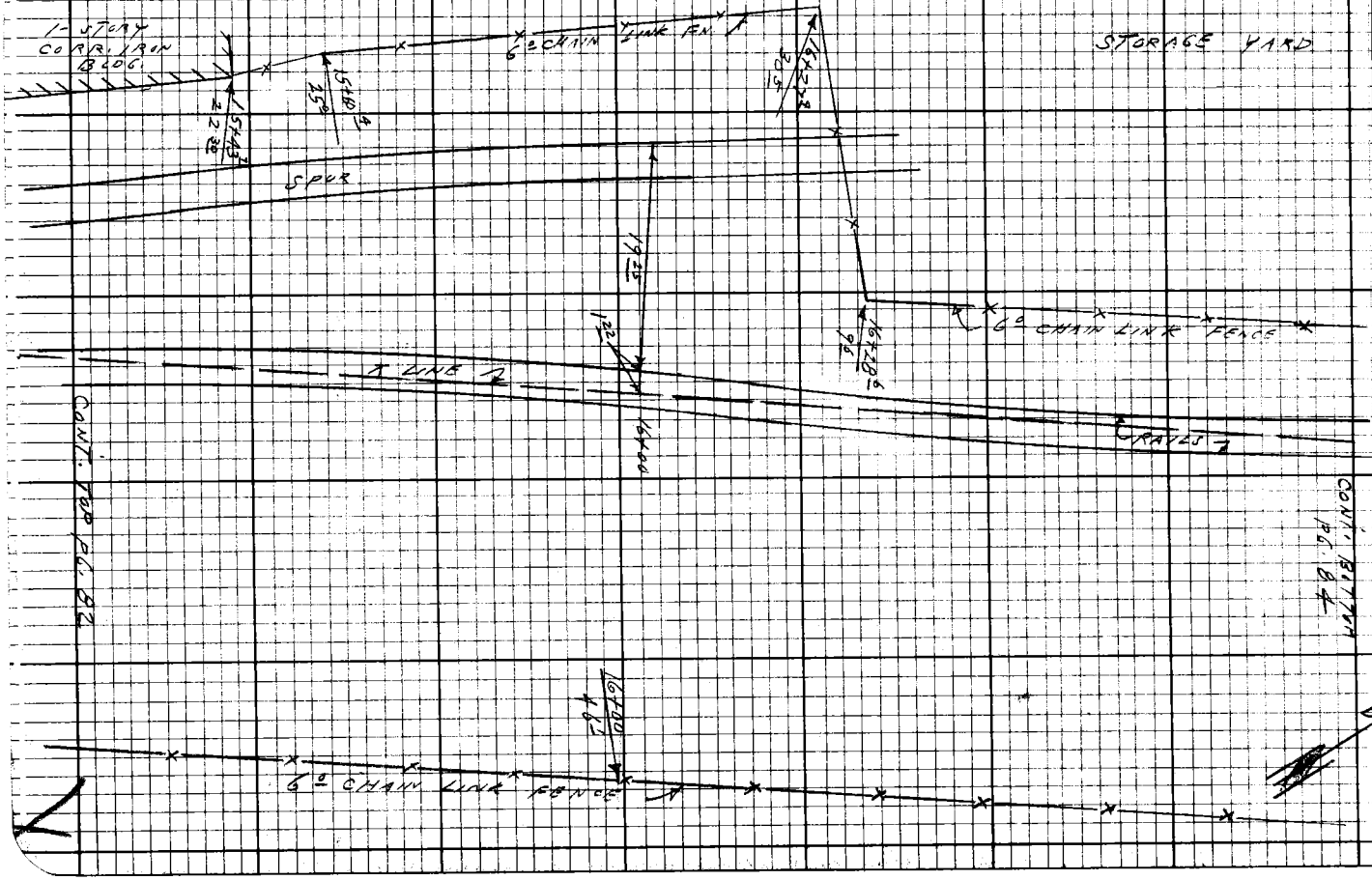
Notes Ckd by
Map No.
Office Work
Checked
Date

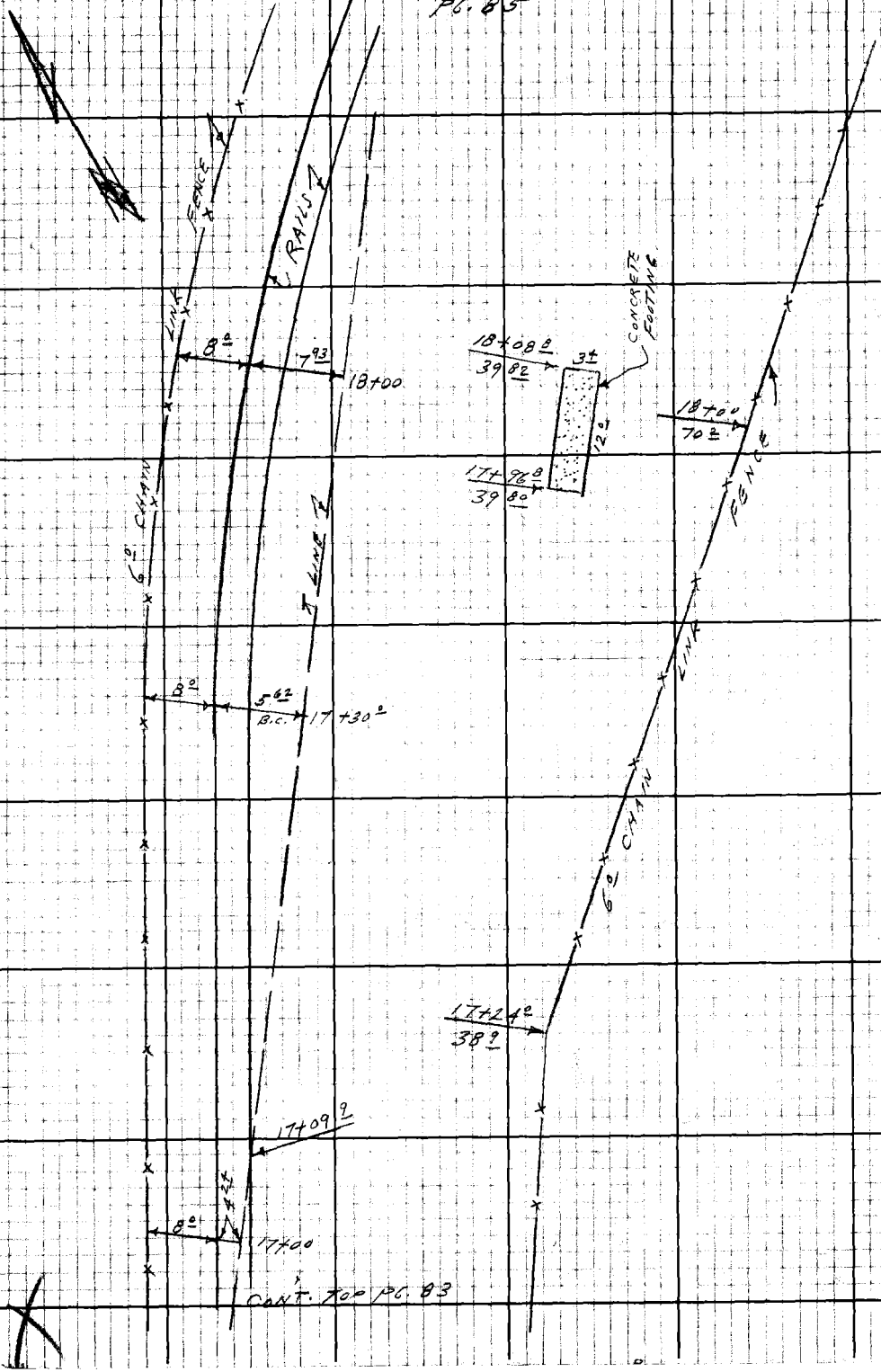
Survey of P.T.D. Std
JN 22098 Tape "F"
Surveyed by L.L. & Brown
Notes L.L. & Brown Page 119-60
Indexed C. L. GALL DEC 1 2 1960



F.B. 38005 PG. 83

F.B. 3805 PG 84

CONT. BOTTOM PG. 85



CONT. TOP PG. 83

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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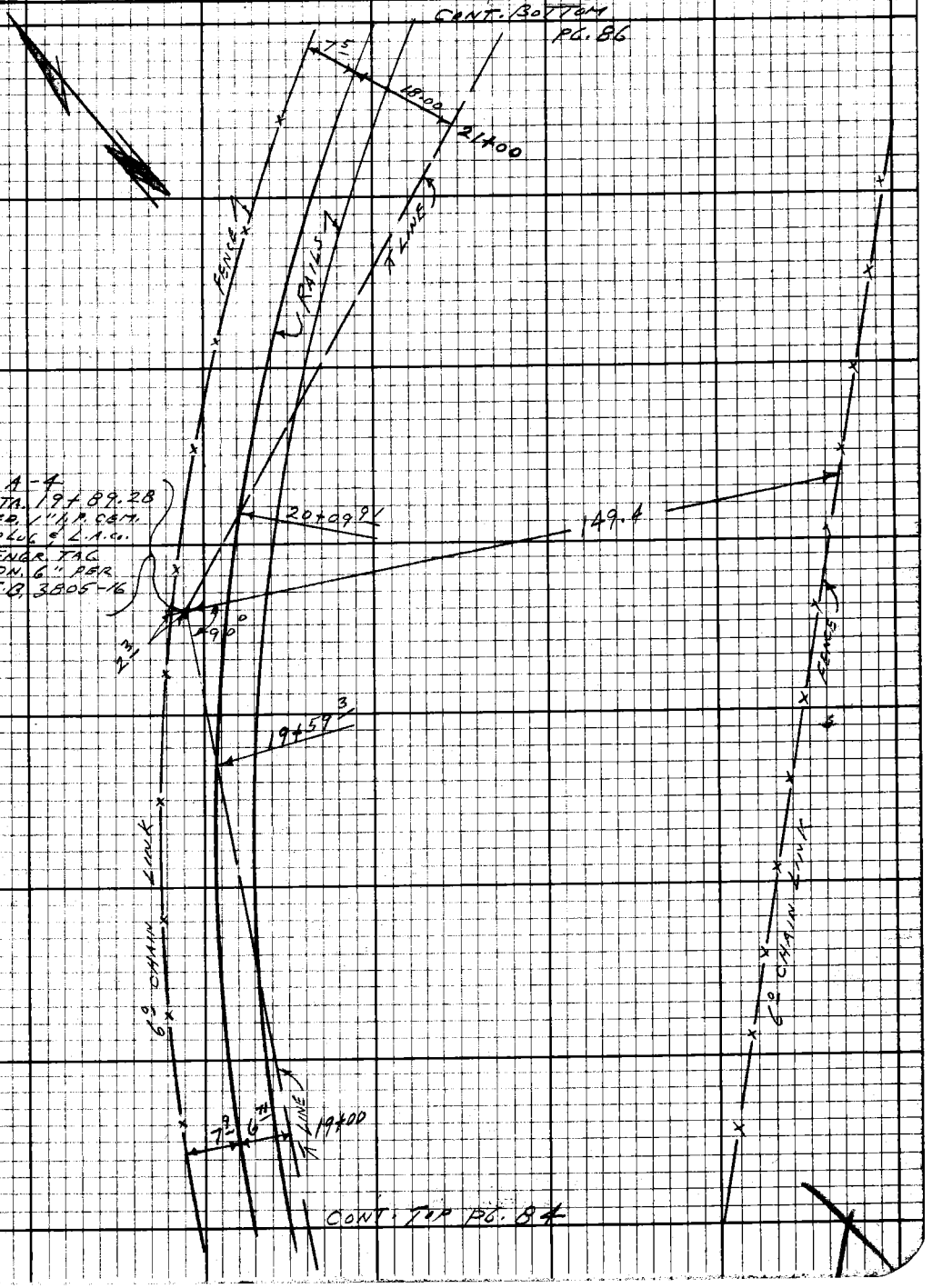
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of R.T.D.
JN 0809.00 Tape Std °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 11-19-69
Indexed C.T. GALLI DEC 12 '69

F.B. 3805 Pg. 85



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

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

78F5098 CE#310 9.67

F.B. 3805 Pg 86

CONT. BOTTOM PG. 87

CONT. TOP PG. 85

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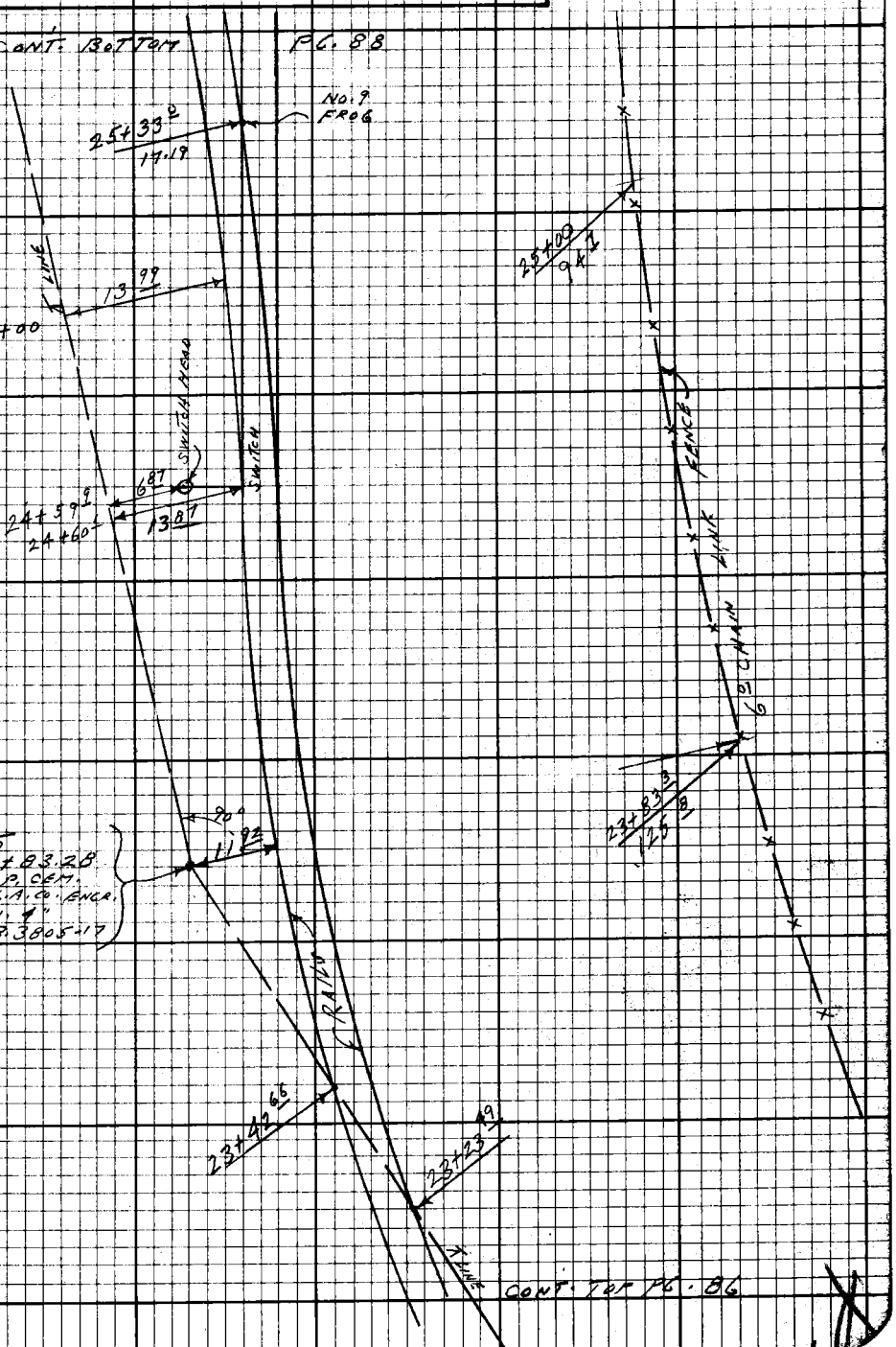
Notes Ck'd by	Survey of P.T.R.
Map No.	JN 0809.00 Tape Std °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 11-19-69
Date	Indexed C. J. GALLI

F.B. 3805 Pg. 87

CONT. BOT TOP PG. 88



CONT. TOP PG. 86

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

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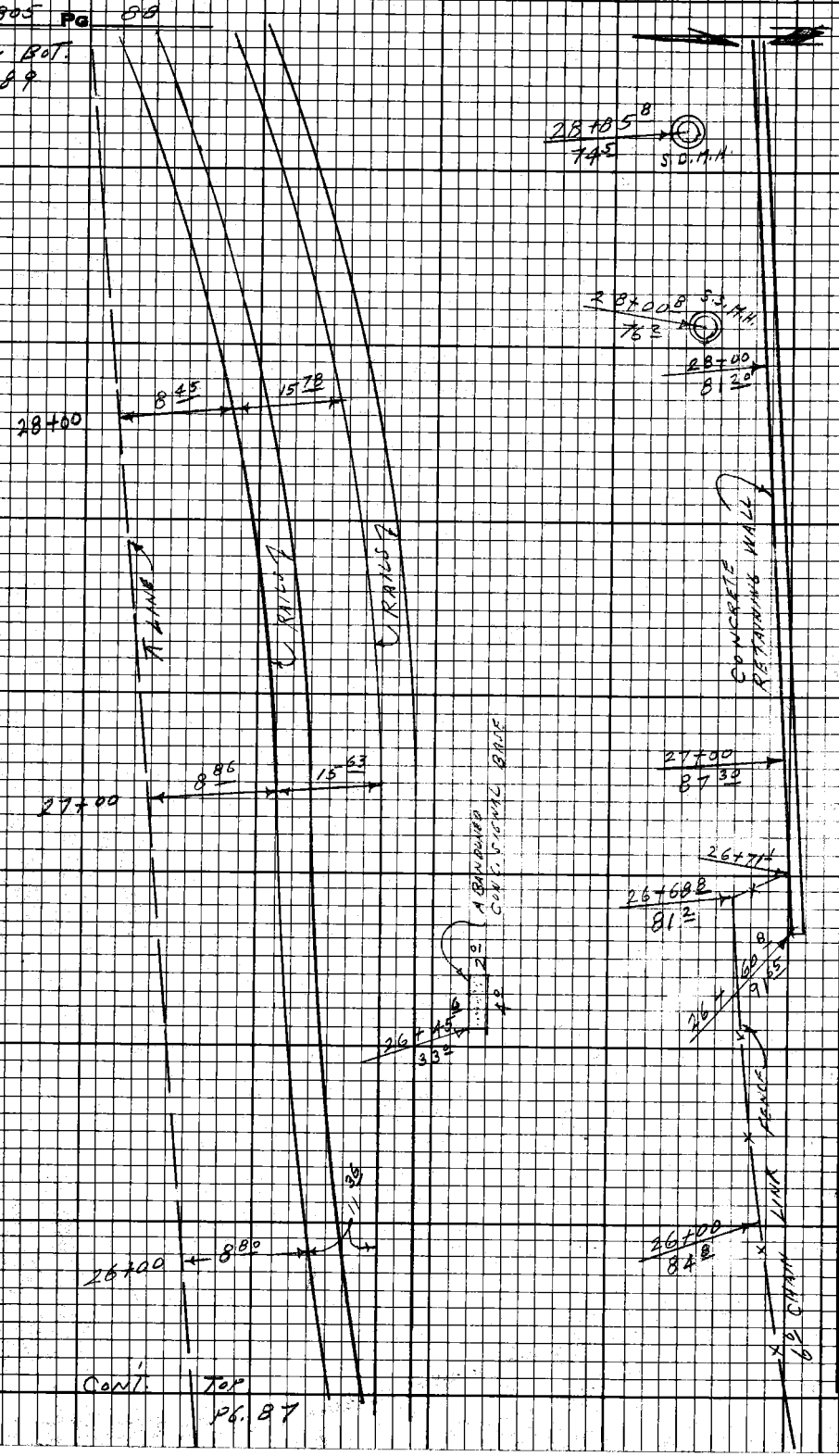
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7SFSC98 CE#310 2/67

F.B. 3805 Pg. 89

Cont. Bot. Pg. 89



Cont. Top Pg. 87

PLEASE RETURN TO
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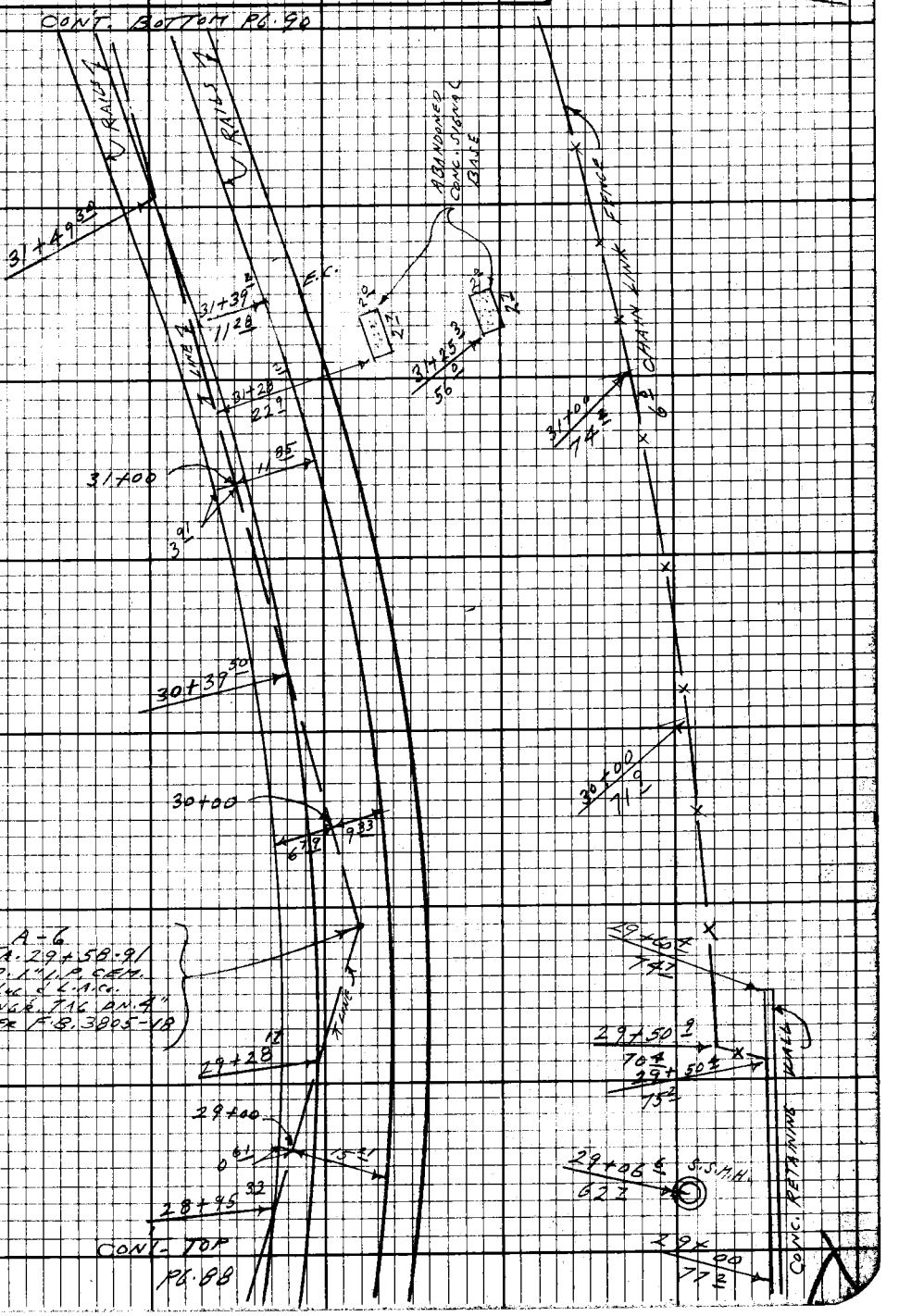
Note: Any Additions or Changes on this Sheet Must be Made or Checked in Red Ink With Date And Name of Person Making Change.

Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape Std "E"
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-20-69
Date	Indexed C.J. GALLI

F.B. 3805 PG. 89



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

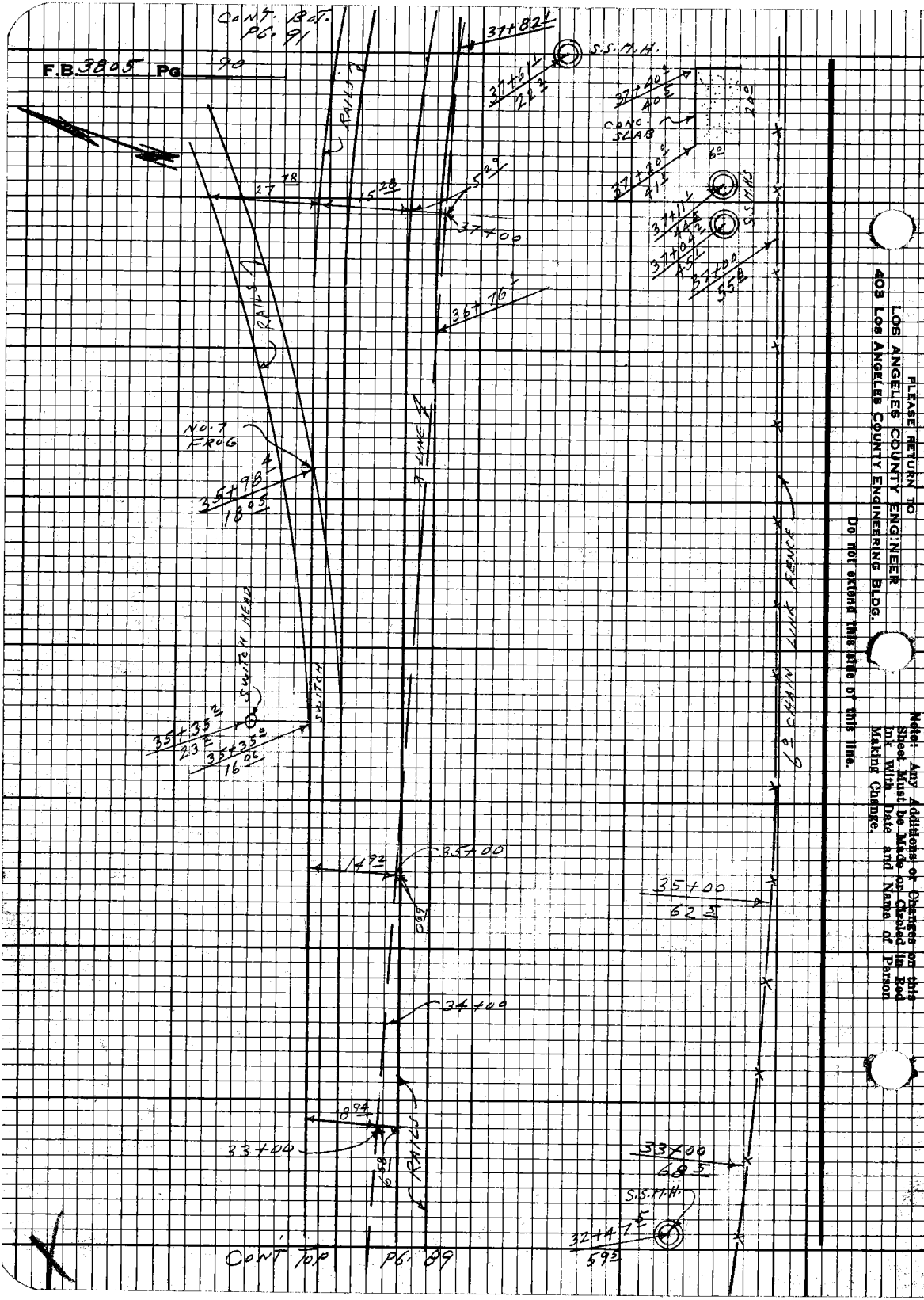
Do not extend into side of this line.

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

TRESCOTT CE#310 8-67

CONT. FROM PG. 91

F.B. 3805 Pg 90



CONT TOP PG. 89

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

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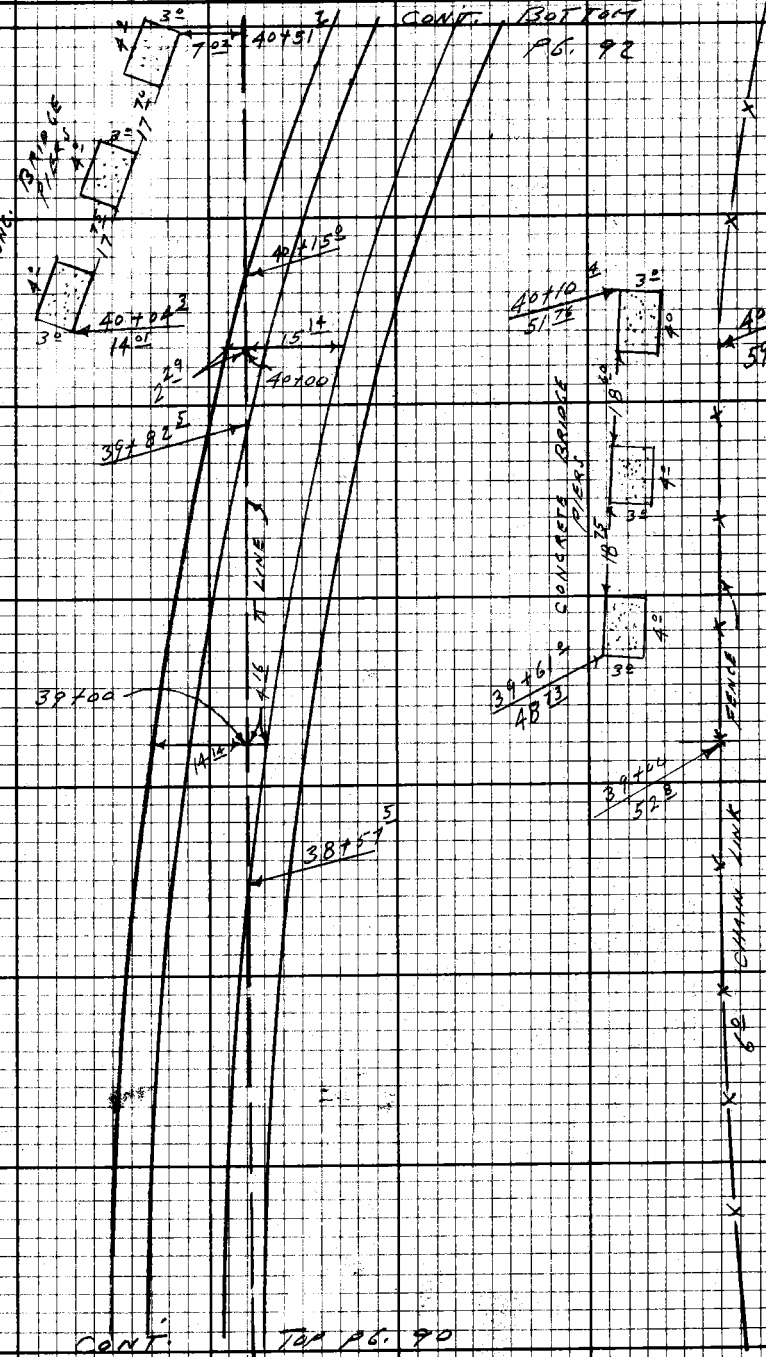
Notes Ck'd by	Survey of P.T.D.
Map No.	JN 0809.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-20-69
Date	Indexed C. J. GALLI

F.B. 3805 PG. 91



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

78F5098 CE#310 9.67

F.B. 3805 PG. 92

CONT. BOTTOM PG. 93

STA. 41+75.88
90.1' U.P. CEN.
PLUS E.R.W. CO. EMT.
TAB ON 61' PER
SWITCH HEAD F.B. 3805-18

CONT. TOP PG. 91

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403 Los Angeles County Engineering Bldg.
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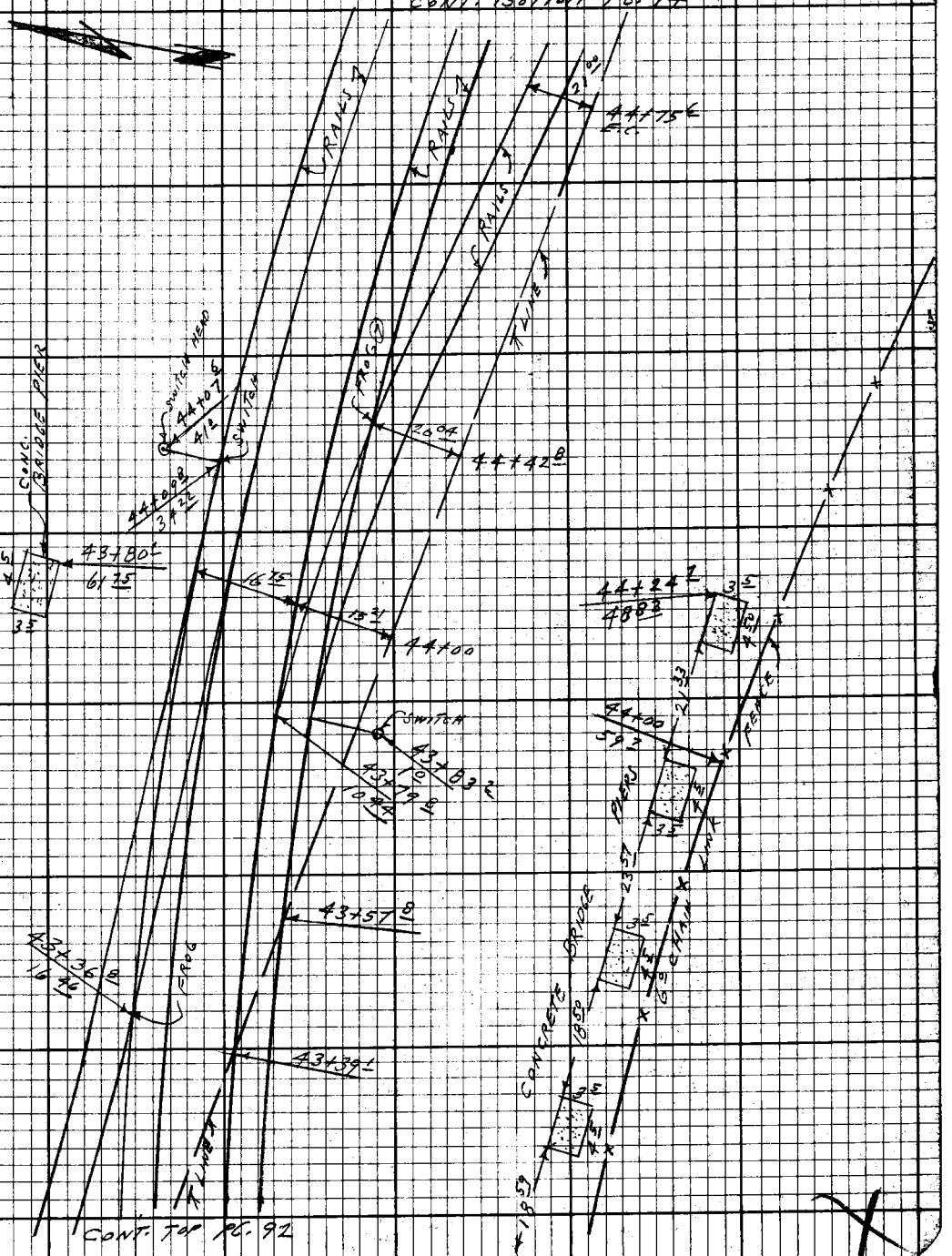
Note: Any Additions or Changes on this Sheet Must be Made or Checked in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0807.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-21-69
Date	Indexed C. J. GALLI

F.B. 3805 Pg. 95

CONT. BOTTOM PG. 94



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

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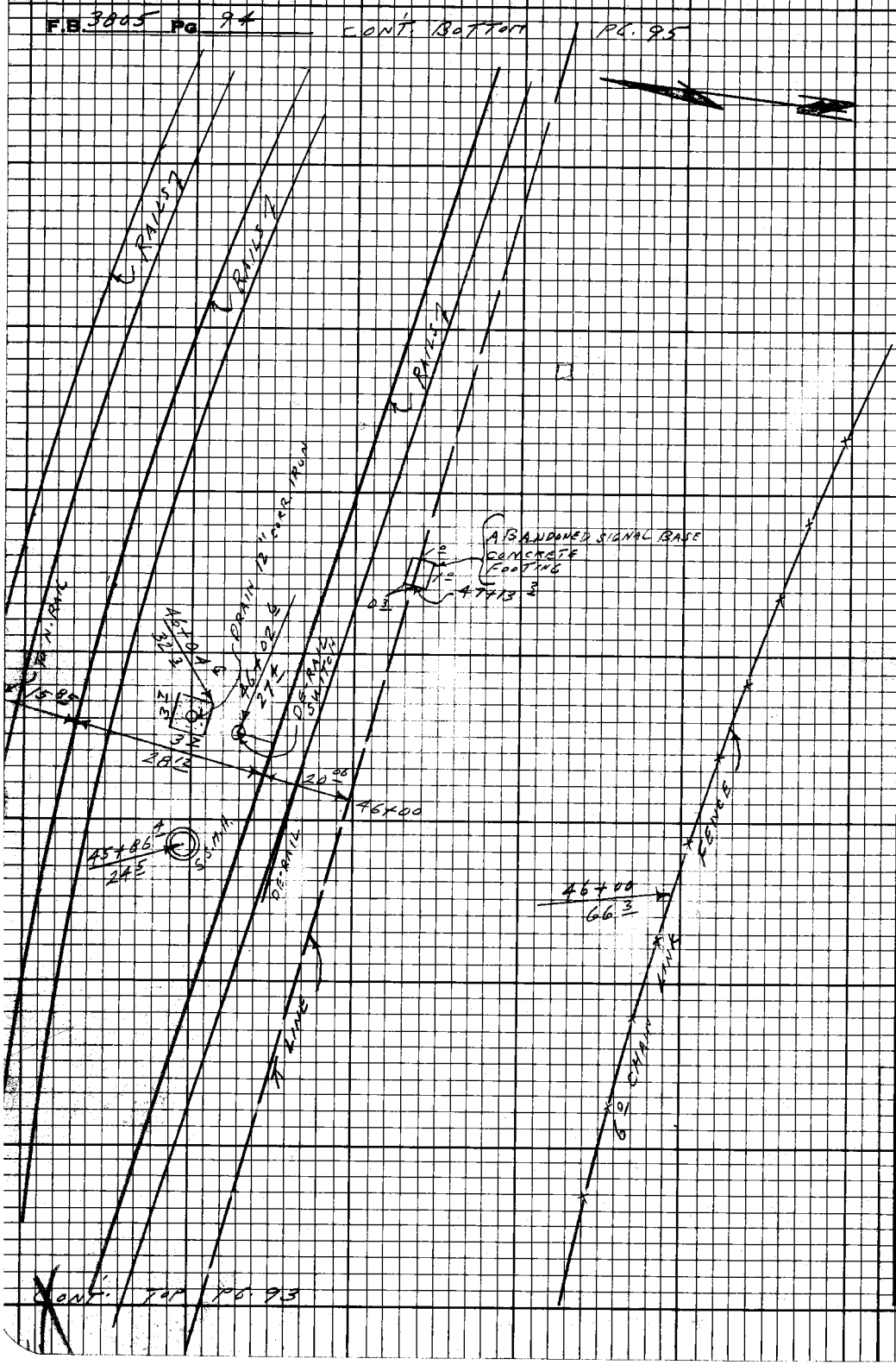
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7RESCOR CE#310 9.67

F.B. 3805 Pg 94 CONT. BOTTOM PG. 95



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

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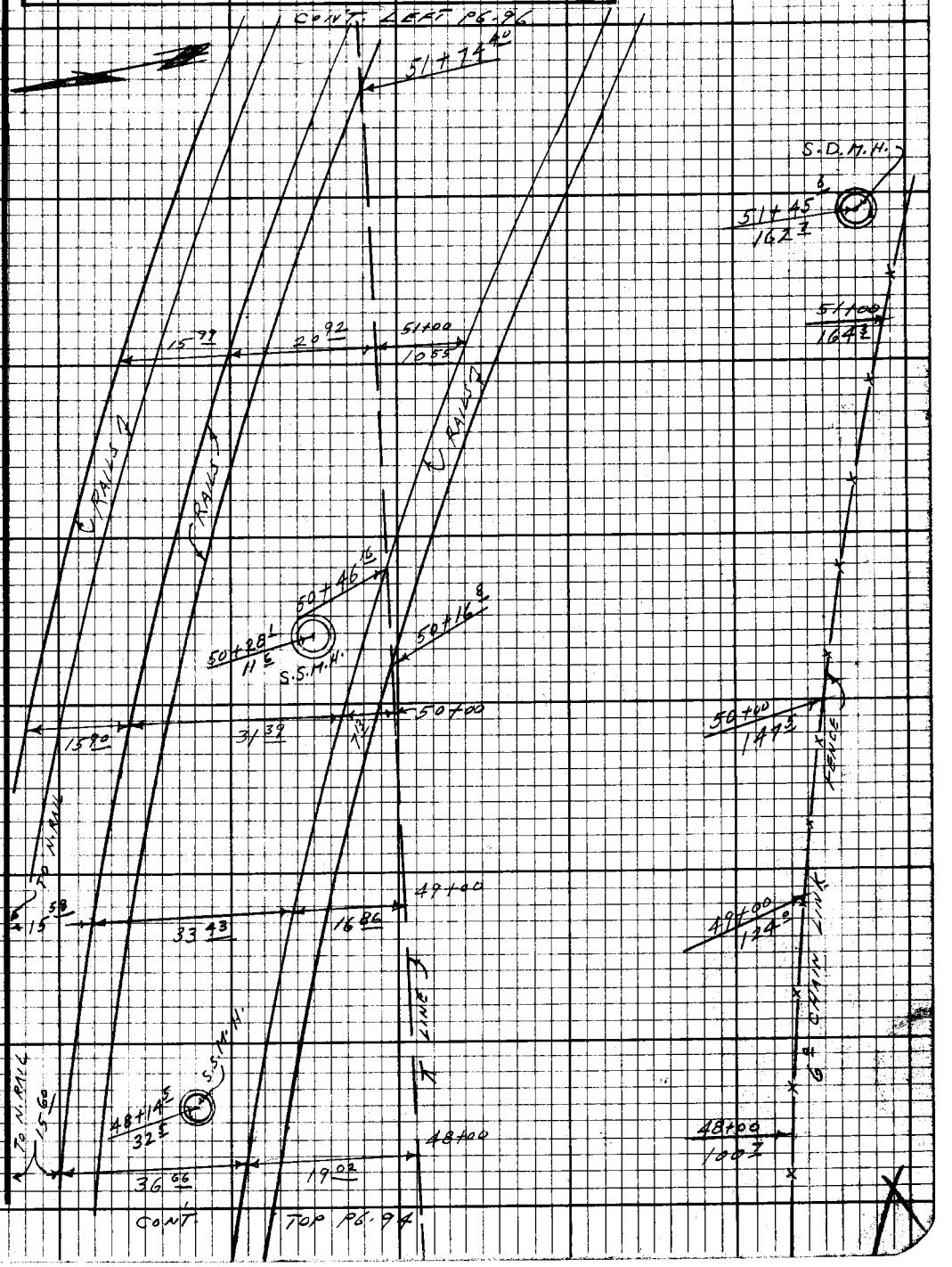
Note: Any Additions or Changes on this Sheet Must be Made or Checked in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of A.T.&.Q.
Map No.	JN 2809.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-21-69
Date	Indexed C. J. GALLI

F.B. 3805 Pg. 95



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

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

PROCOR CE #310 8.5x11

F.B. 3805 PG 86

A-8
STA. 52+19.77
FD. 3½" I.P.
CENT. PLUG & N.
DN. 12" DEK
F.B. 3805-20

RAILS

℄ LINE

RAILS

CONCRETE BRIDGE PIERS

RAILS

CONCRETE BRIDGE PIERS

CONCRETE BRIDGE PIERS

6" CHAIN LINK FENCE

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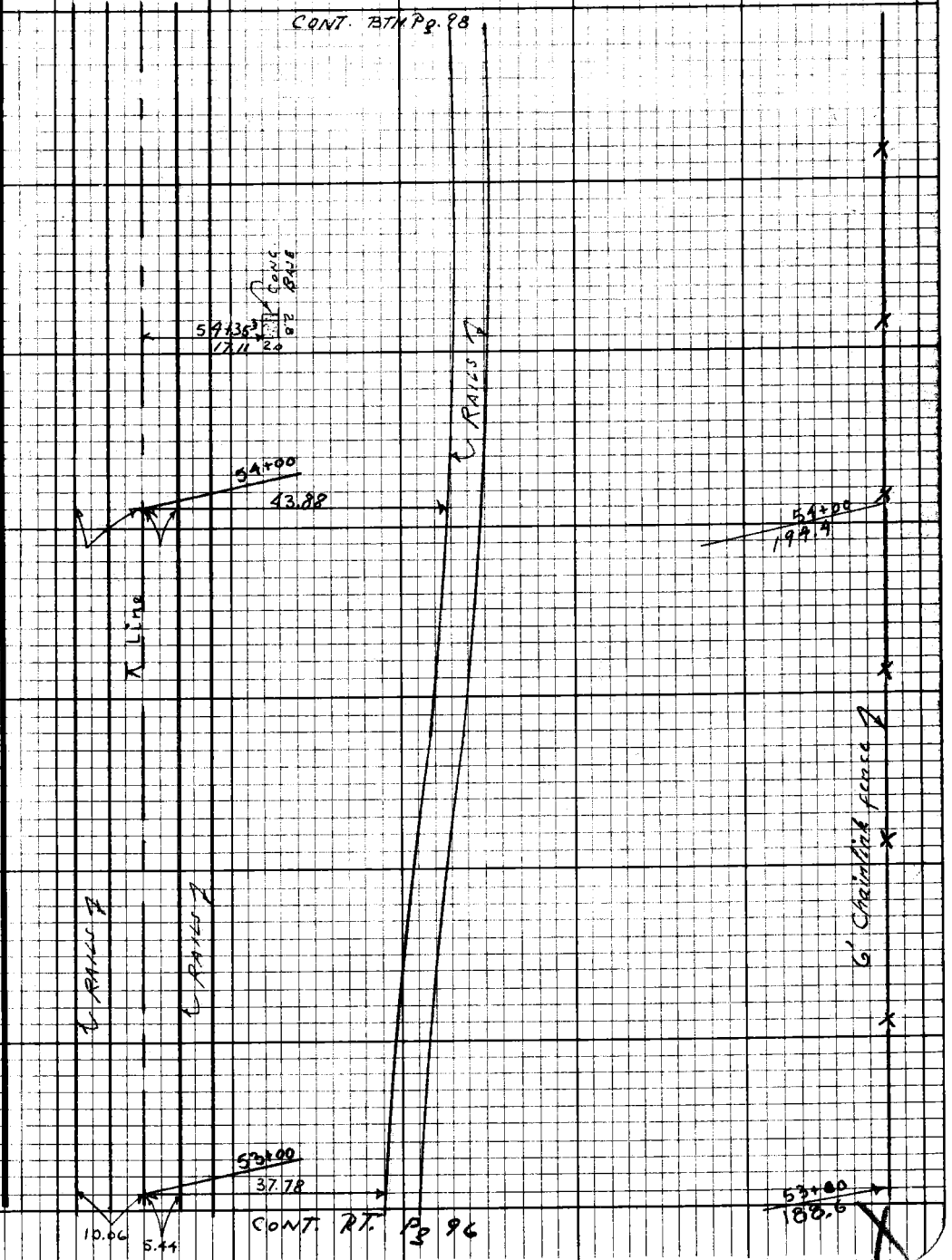
Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape Std °F
Office Work	Surveyed by L.L. Brown
Checked	Notes C. Dominguez Date 11/23/69
Date	Indexed C. J. GALLI

F.B. 3805 PG. 97



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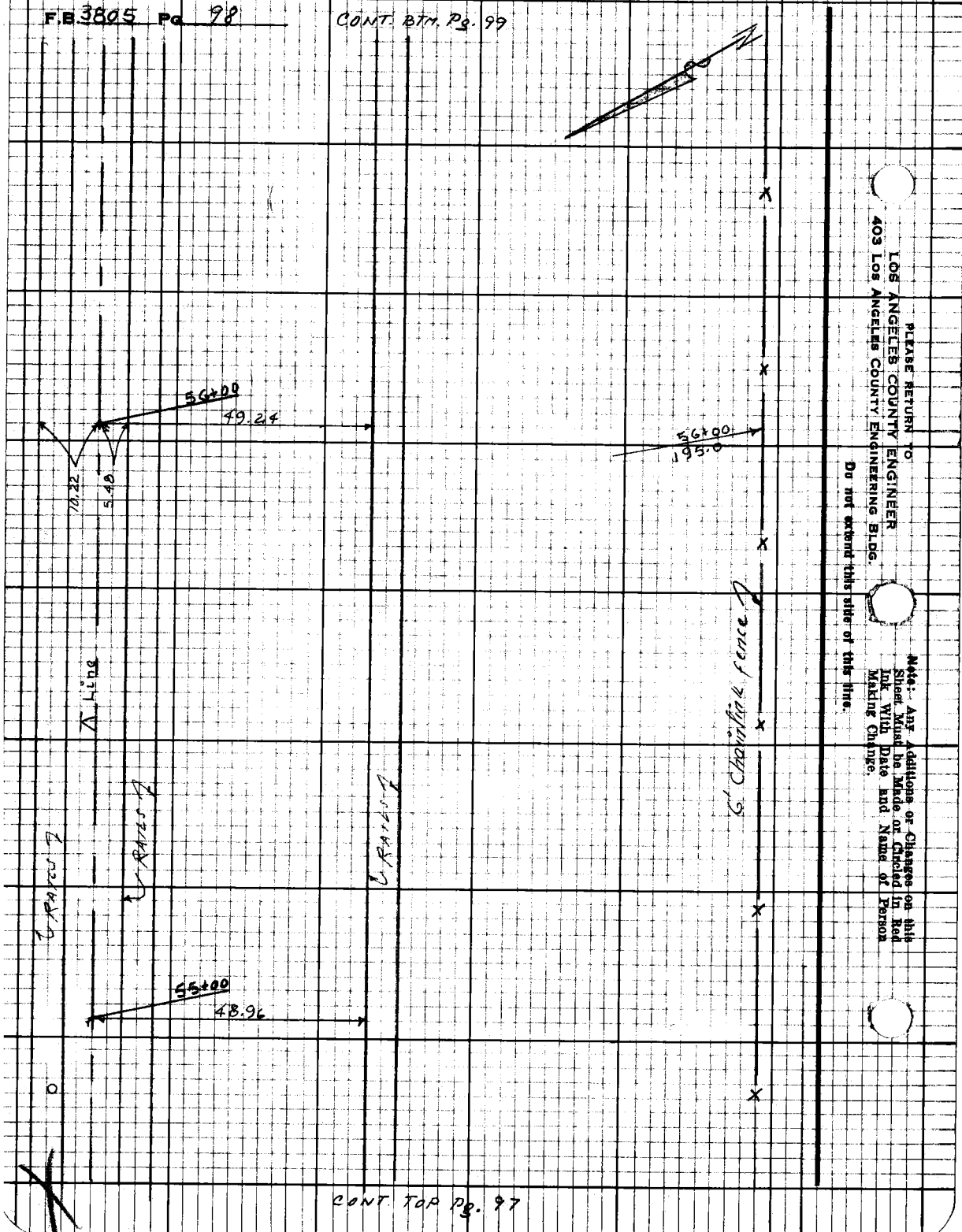
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7673008 LE #810 9-67

F.B. 3805 Pg. 98

CONT. BTM. Pg. 99



CONT. TOP Pg. 97

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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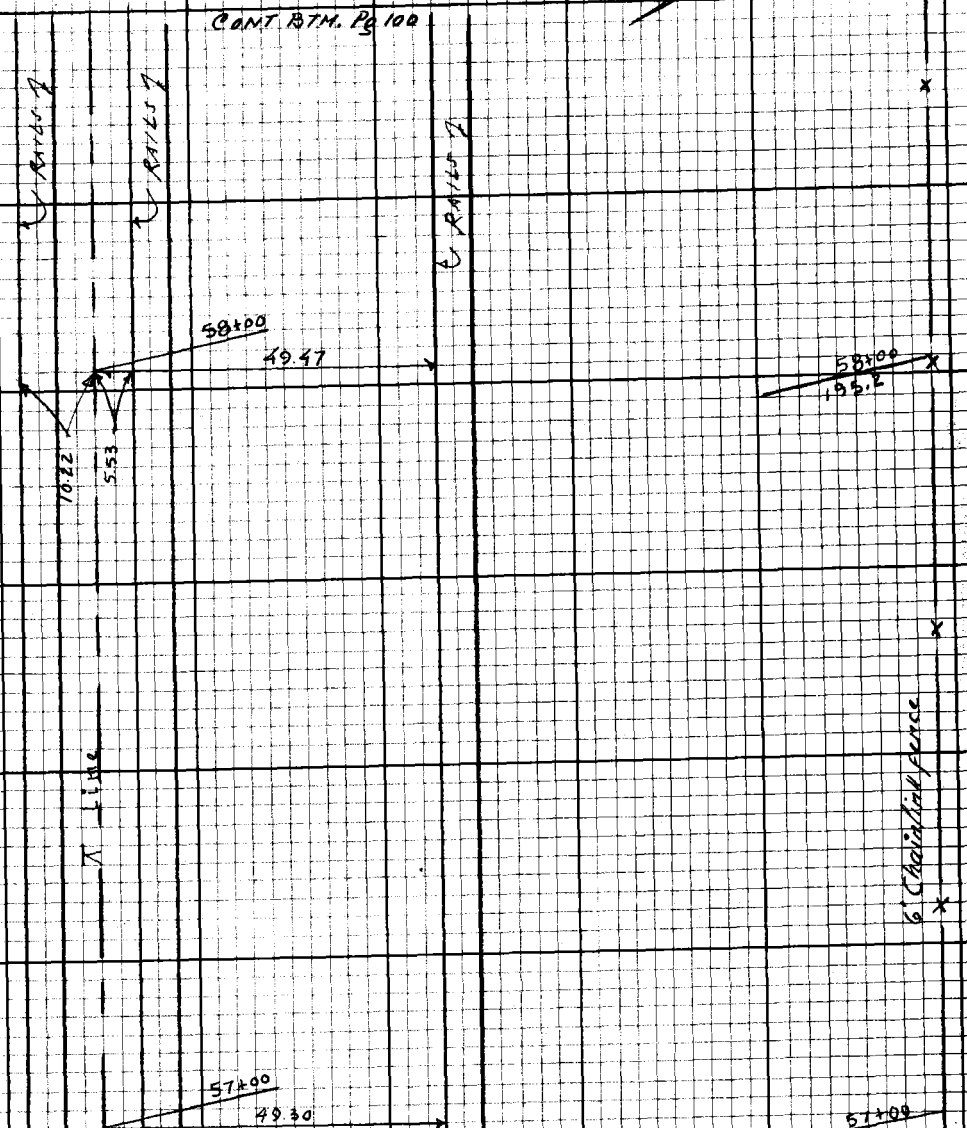
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of R.T.D.
JN 0809.00 Tape Std °F
Surveyed by L.L. Brown
Notes C. Dominguez Date 11/25/69
Indexed

LEGAL DEC 12 19

F.B. 3805 Pg. 99

CONT. BTM. Pg 100



CONT. TOP Pg. 98

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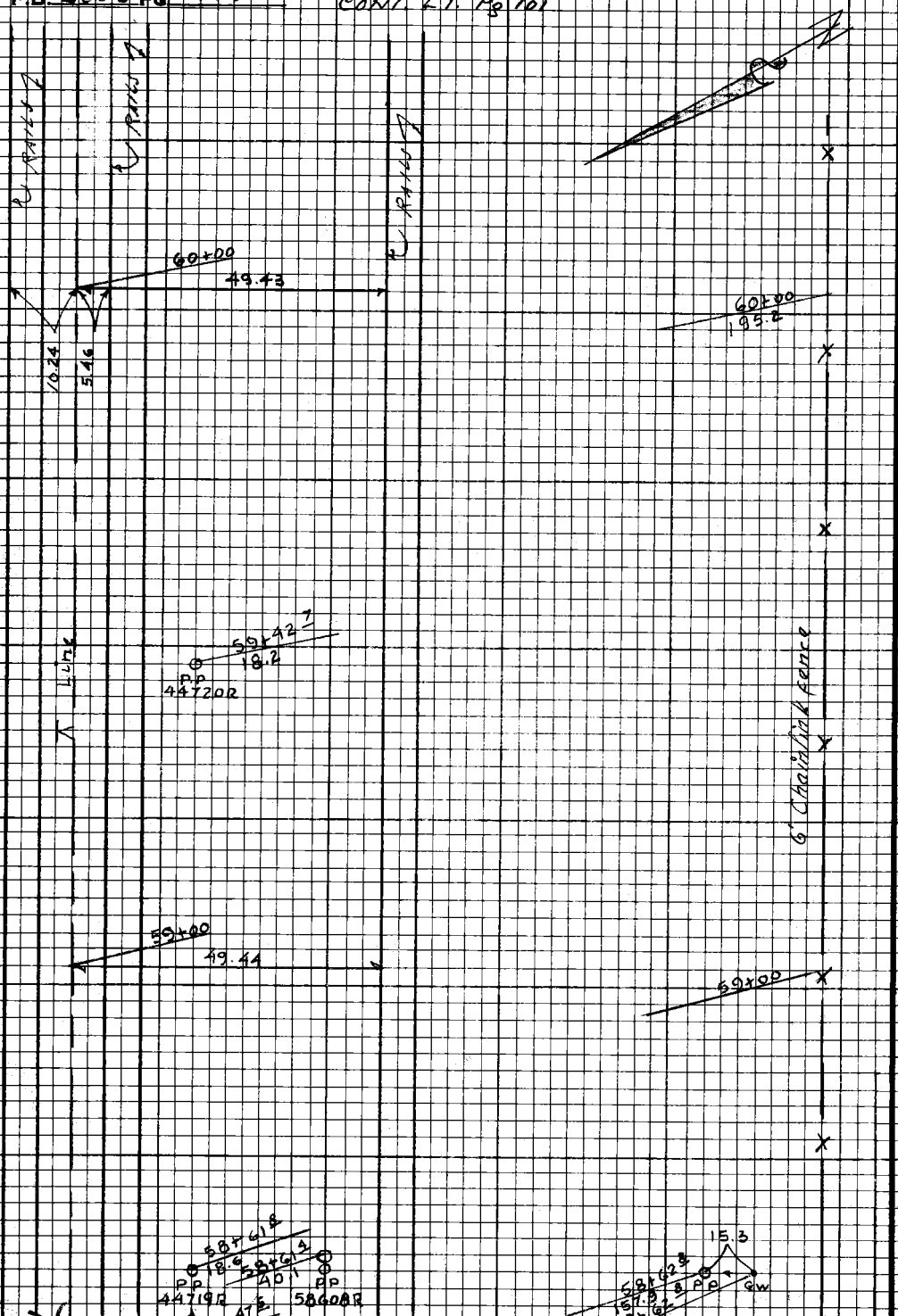
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

78F308 CE#310 9/67

F.B. 3805 Pg 100

CONT. L.T. Pg 101



CONT. TOP. Pg 99

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
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Note: Any Additions or Changes on this Sheet Must be Made or Checked in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of R.T.D.
Man No.	IN 0802.00 Tape Std. "F"
Office Work	Surveyed by L.L. Brewer
Checked	Notes C. Dominguez Date 7/23/63
Date	Indexed [illegible] DEC 1 2 [illegible]

F.B. 3805 Pg. 101

CONT LT. Pg 102

℄ RAILS

℄ RAILS

61+45.2
18.8
PP
44722R

61+00

61+00
142.93

60+92.0

6' Chainlink fence

℄ RAILS

60+43.8
18.2
PP
44721R

CONT TOP Pg 100

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403 Los Angeles County Engineering Bldg.

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76P3095 CE #310 8-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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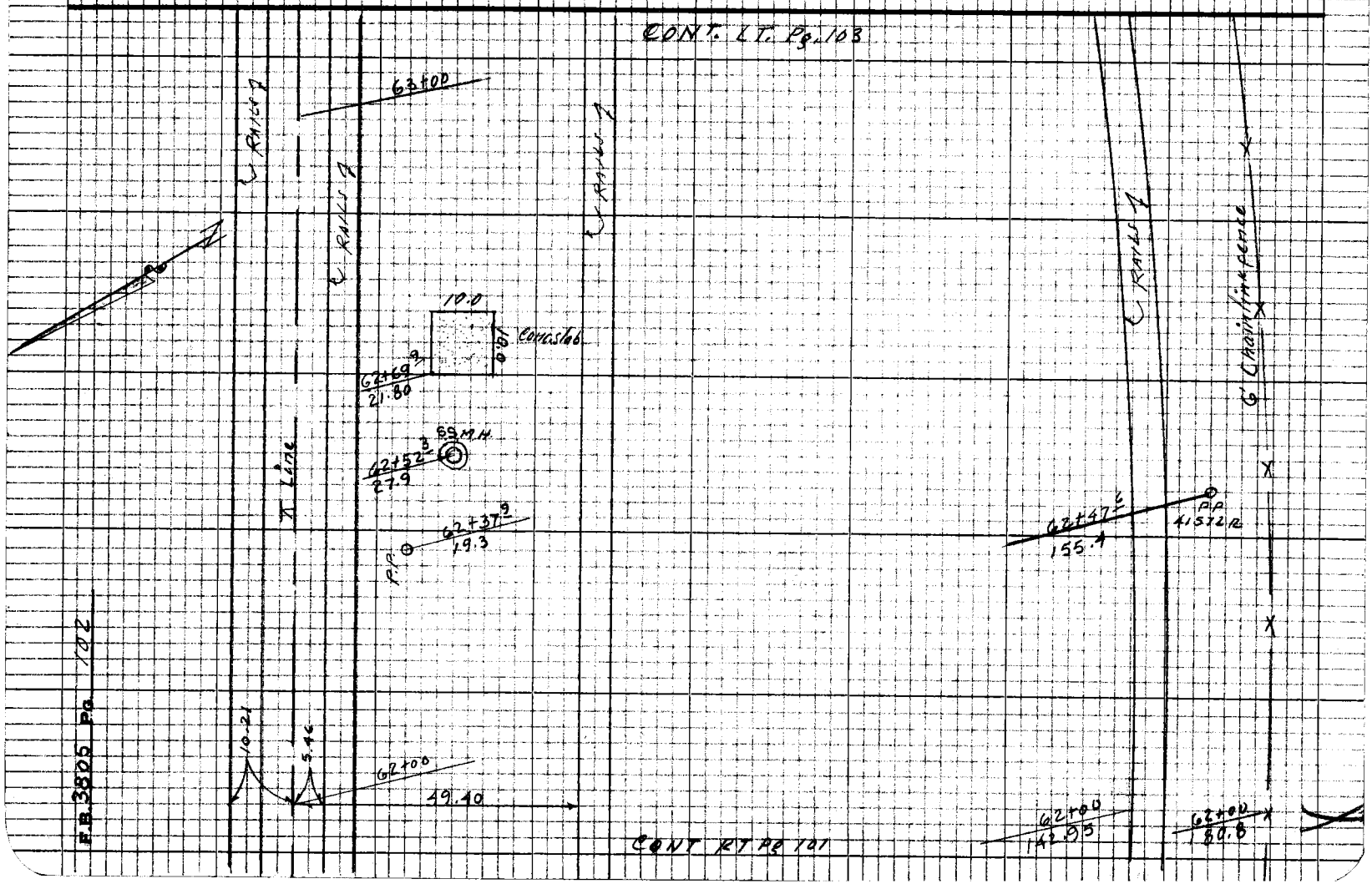
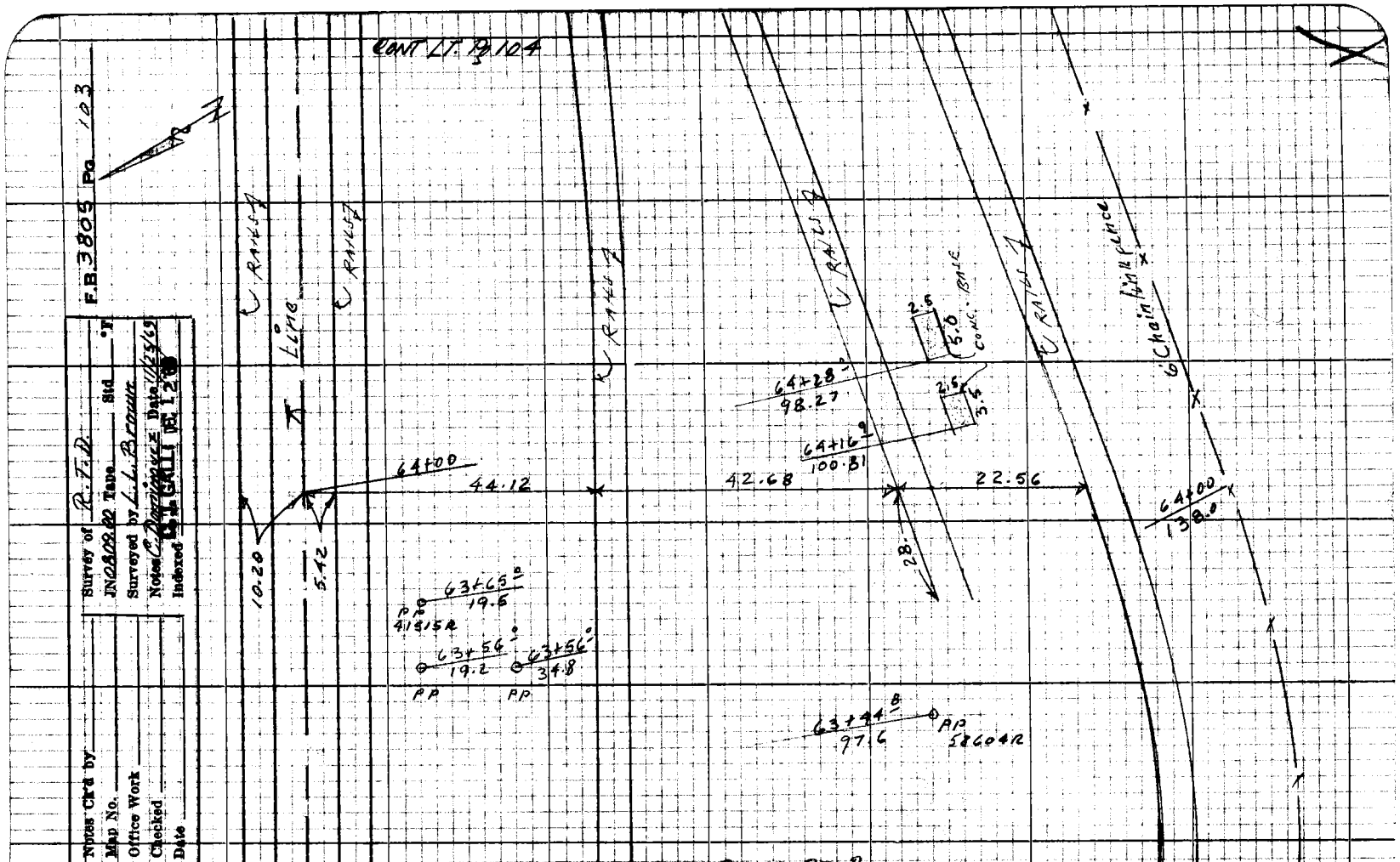
Do not extend this side of this line.



F.B. 3805 Pg. 102



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

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

76P5095 CE #310 8-66

PLEASE RETURN TO
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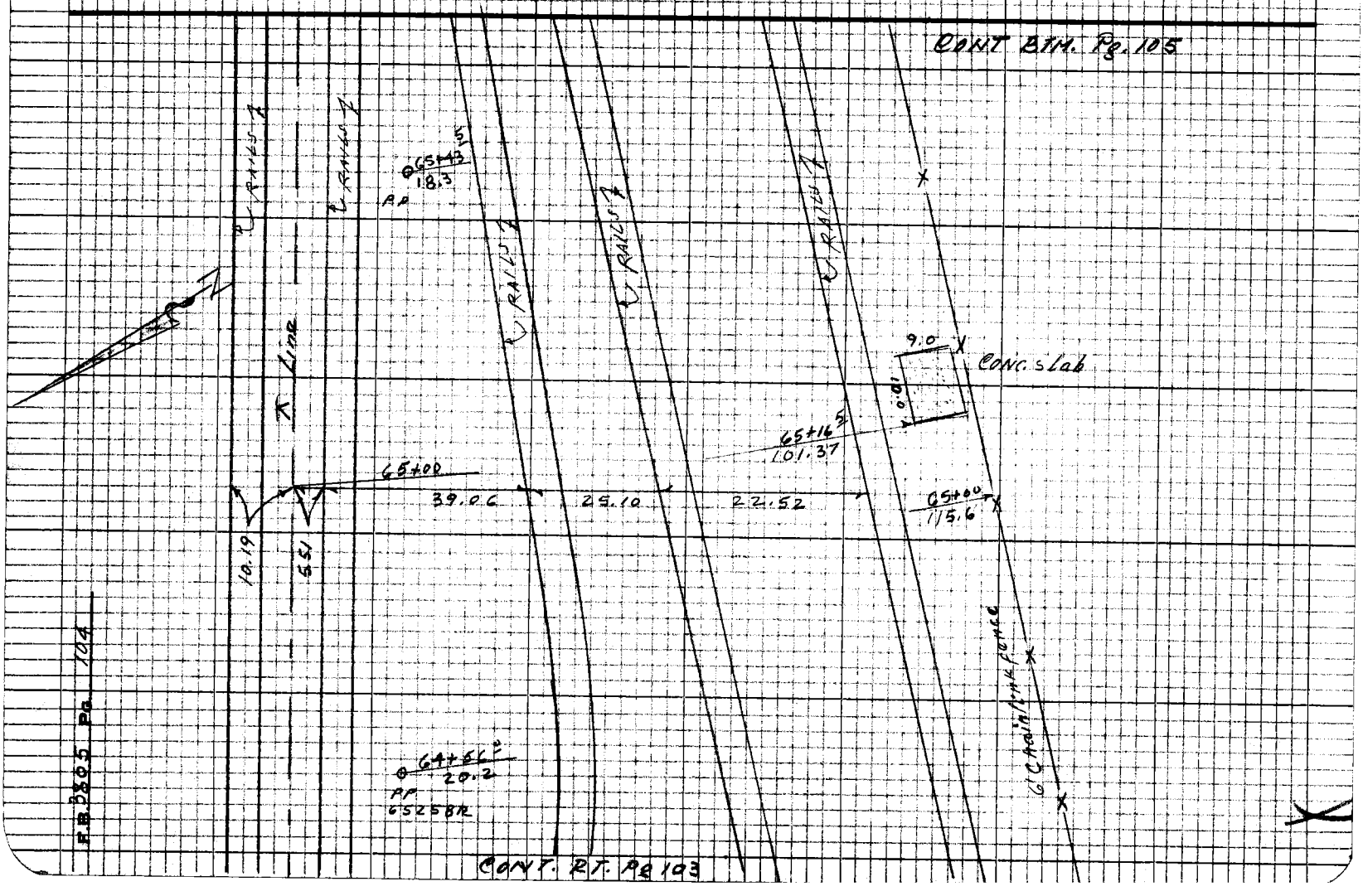
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

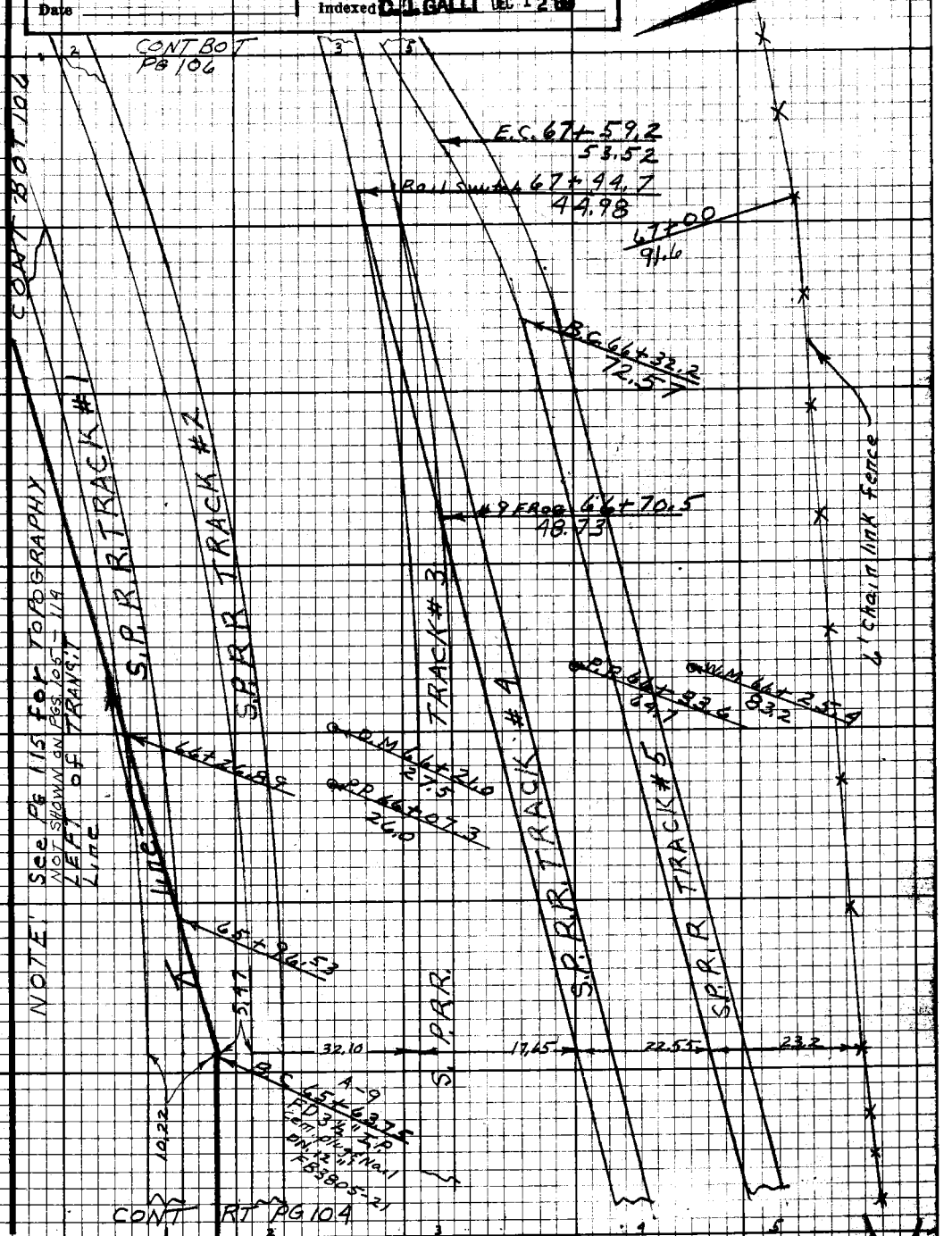
Do not extend this side of this line.



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

Survey of R.T.D
JN 0809.00 Tape Std °F
Surveyed by L.L. BROWN
Notes W.A. Moodyman Date 11-25-69
Indexed D.J. GALLI DEC 12 '69

F.B. 38.05 Pg. 105



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

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

7015008 rev#310 9-67

F.B. 3805 Pg 106

CONT BOT PG 107

69+73.13

S.S.M.H.
69+59.1
34.1

69+56.92

R.R. Switch #8020 STAND 69+54.9
13.73

Rail Switch 69+48.6
2.13

6' Chain link fence

69+00
63.3

69+06.81

68+80.75

#9 FROG 68+77.0
21.86

Rail Switch STAND #8029 68+66.9
36.69

Rail Switch 68+64.8
25.07

68+00
84.6

S.P.R.R. TRACK #1

S.P.R.R. TRACK #2

S.P.R.R. TRACK #3

S.P.R.R. TRACK #5

T. Line

68+00

9.10

16.07

#9 FROG 67+93.0
44.49

CONT TO PG LT PG 105

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403 Los Angeles County Engineering Bldg.

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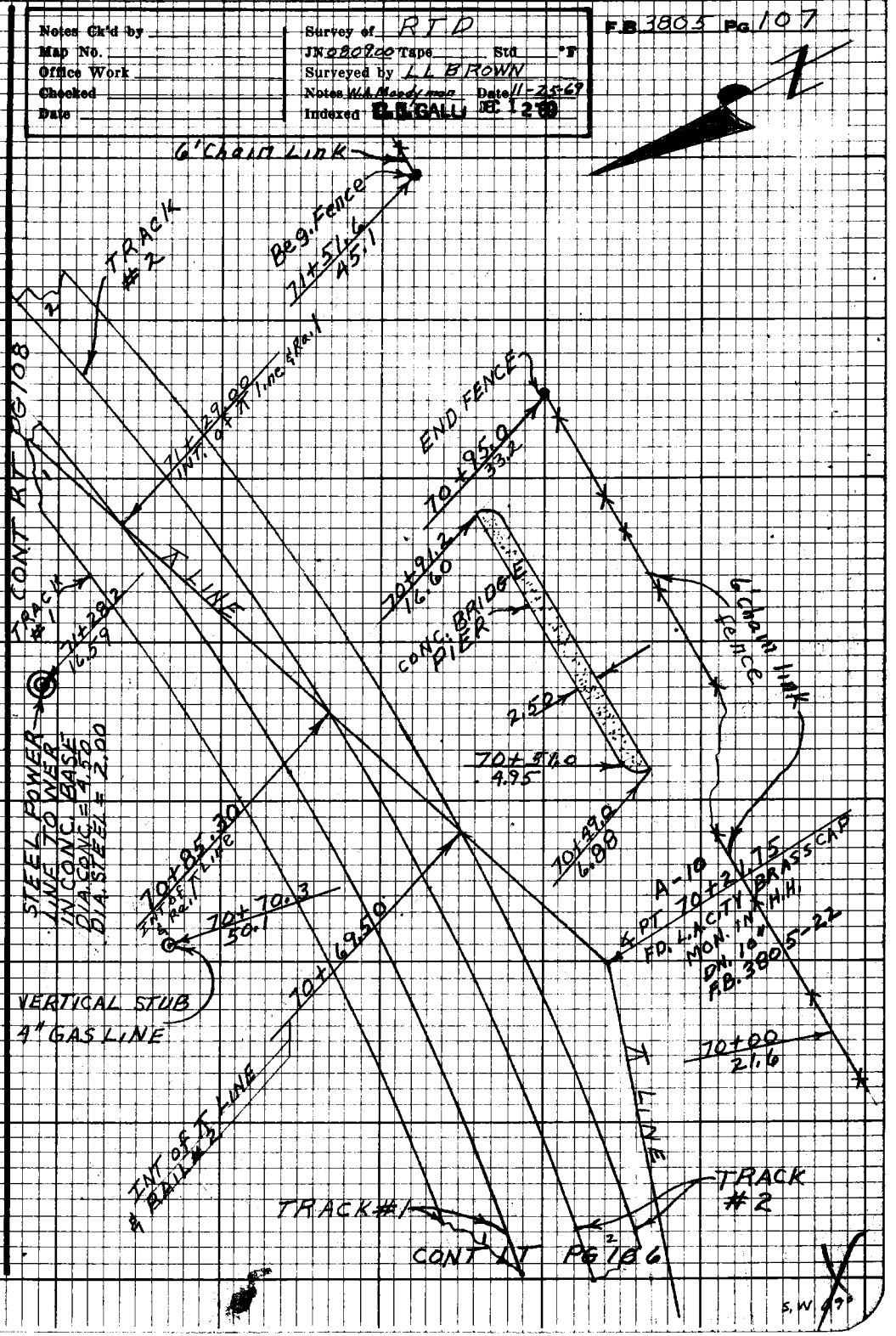
Notes Ck'd by	Survey of RTD
Map No.	JN 020900 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes W.A. Mandyman Date 11-25-69
Date	Indexed G.B. GALLI DEC 1 2 69

F.B. 3805 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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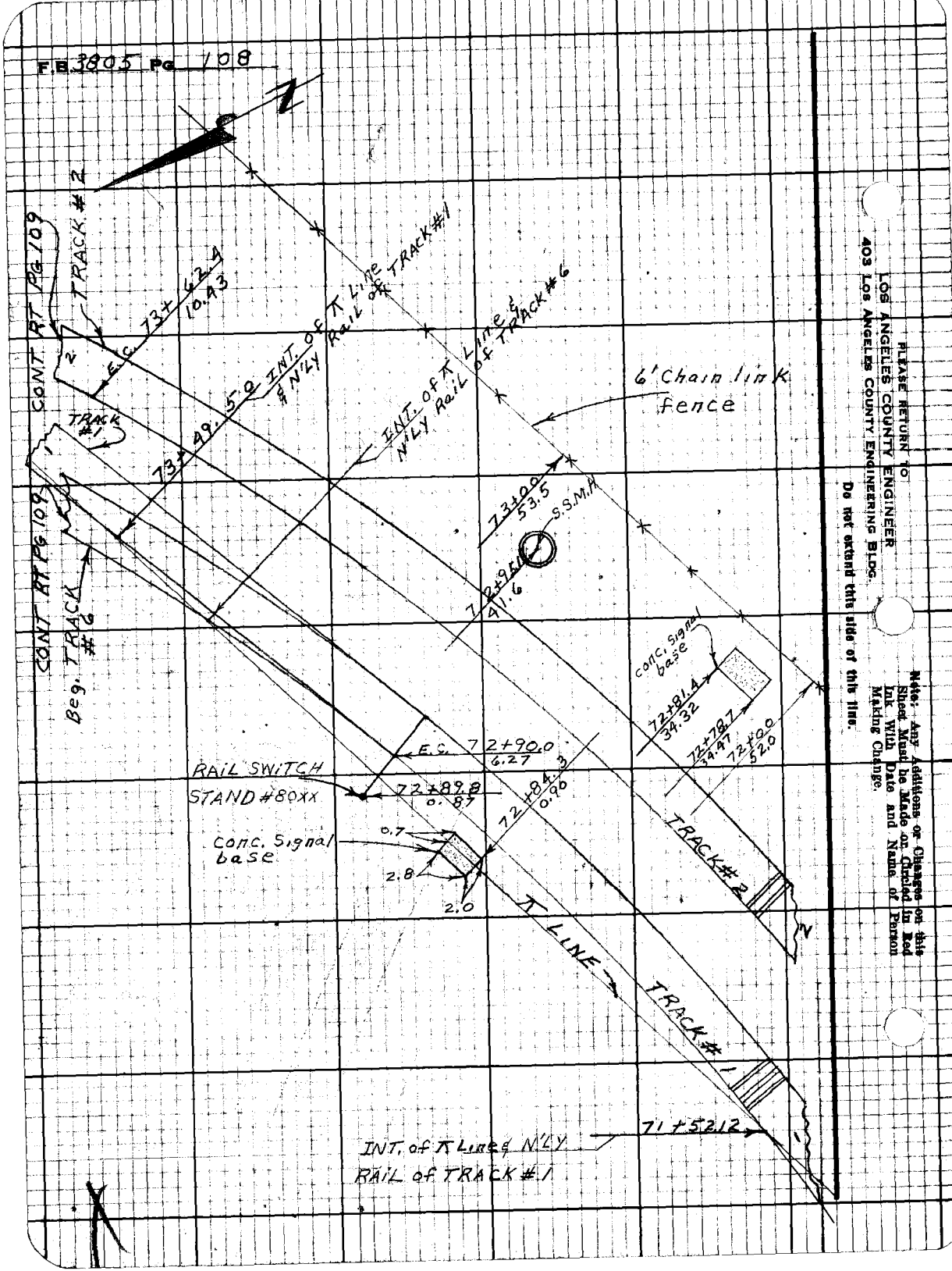
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7E5028 CE#310 9-67

F.B. 3805 Pg. 108



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

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76F3088 CE#310 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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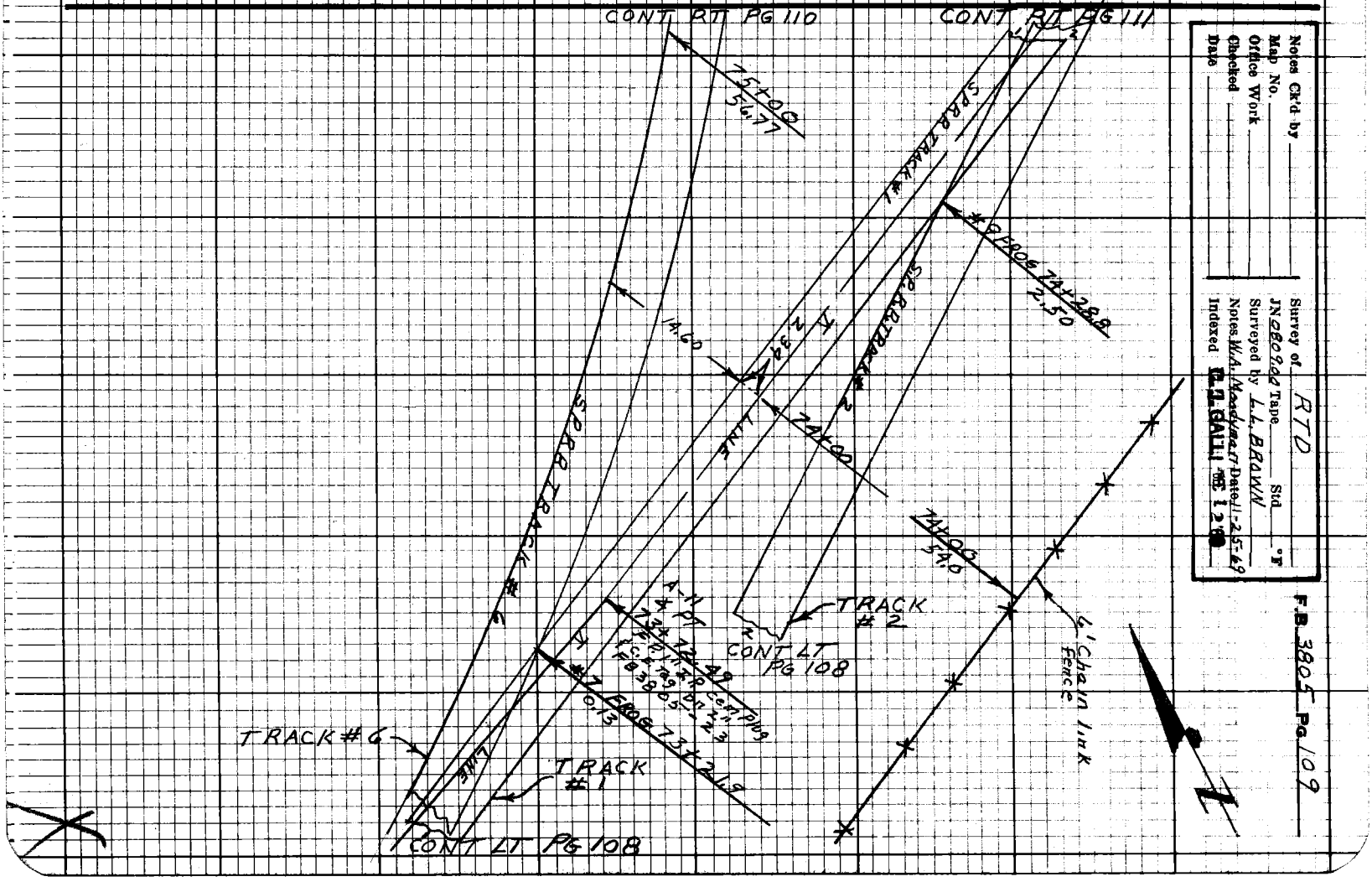
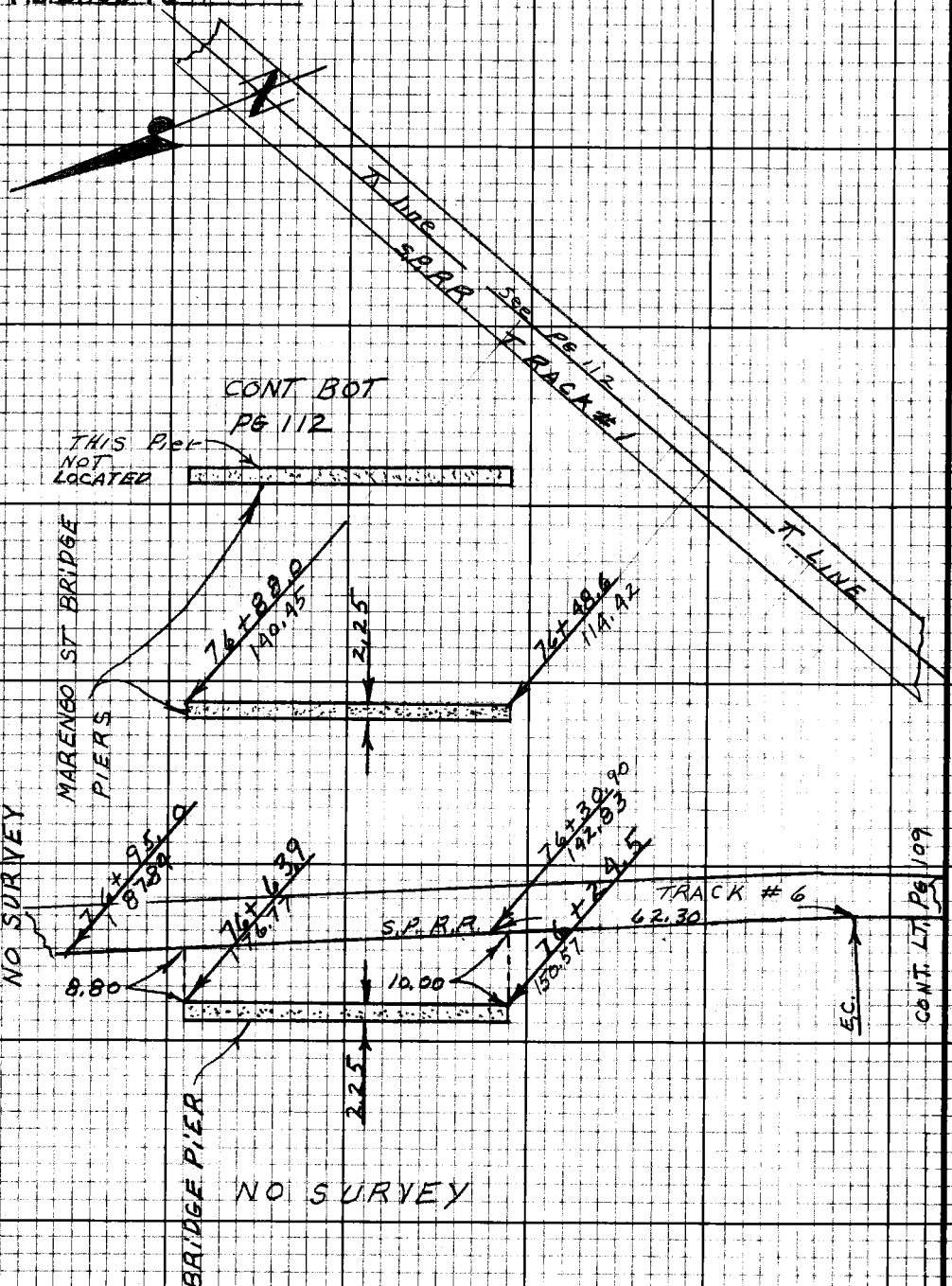
Do not extend this side of this line.



F.B. 3805 Pg 110



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LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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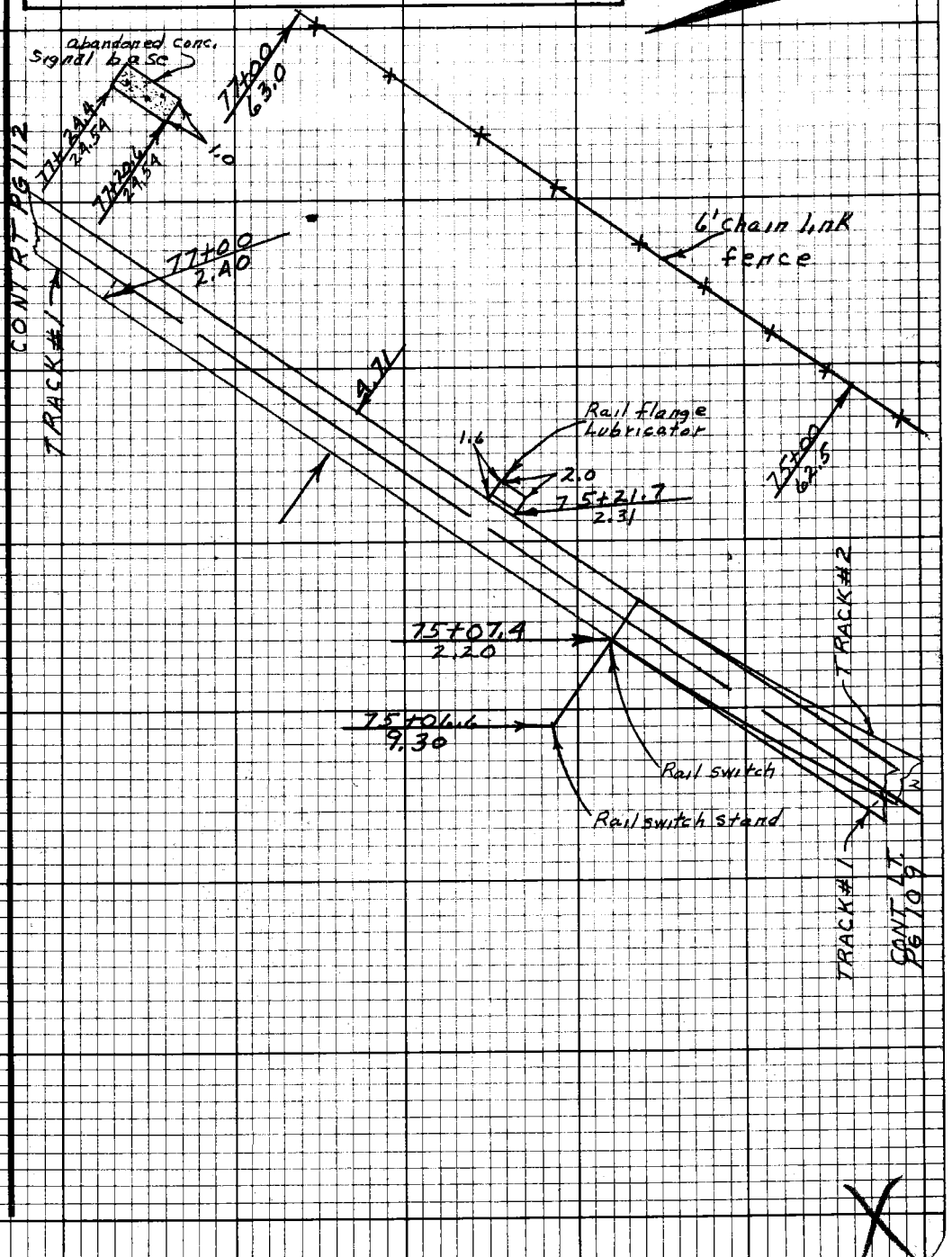
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of R.T.D.
JN 0809.00 Tape Std °F
Surveyed by L.L. BROWN
Notes W. A. Moodyman Date 11-25-69
Indexed C. J. GALLI DEC 12 '69

F.B. 380.5 PG. 111



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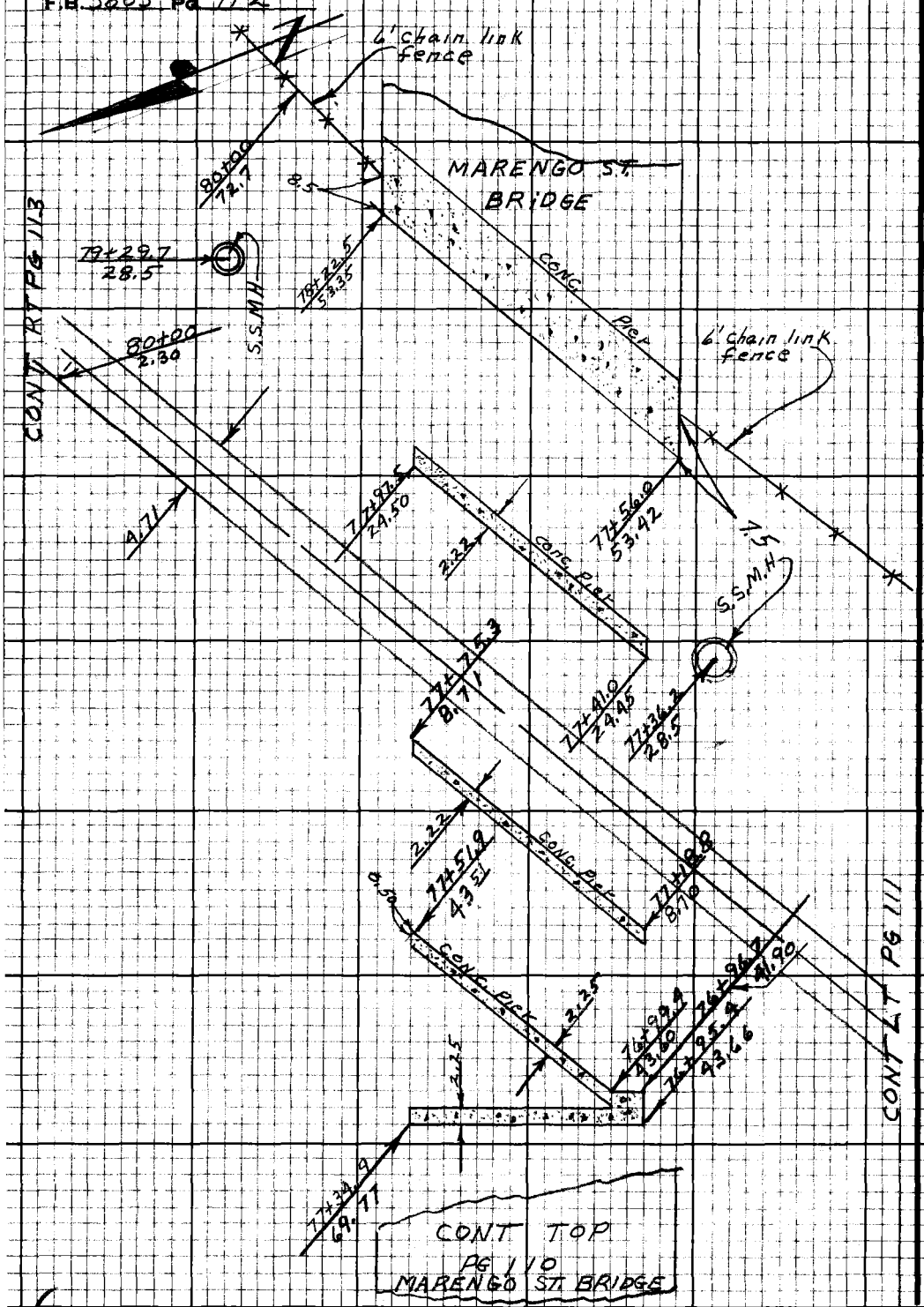
7E3008 CE#510 9-67

F.B. 3805 Pg 112



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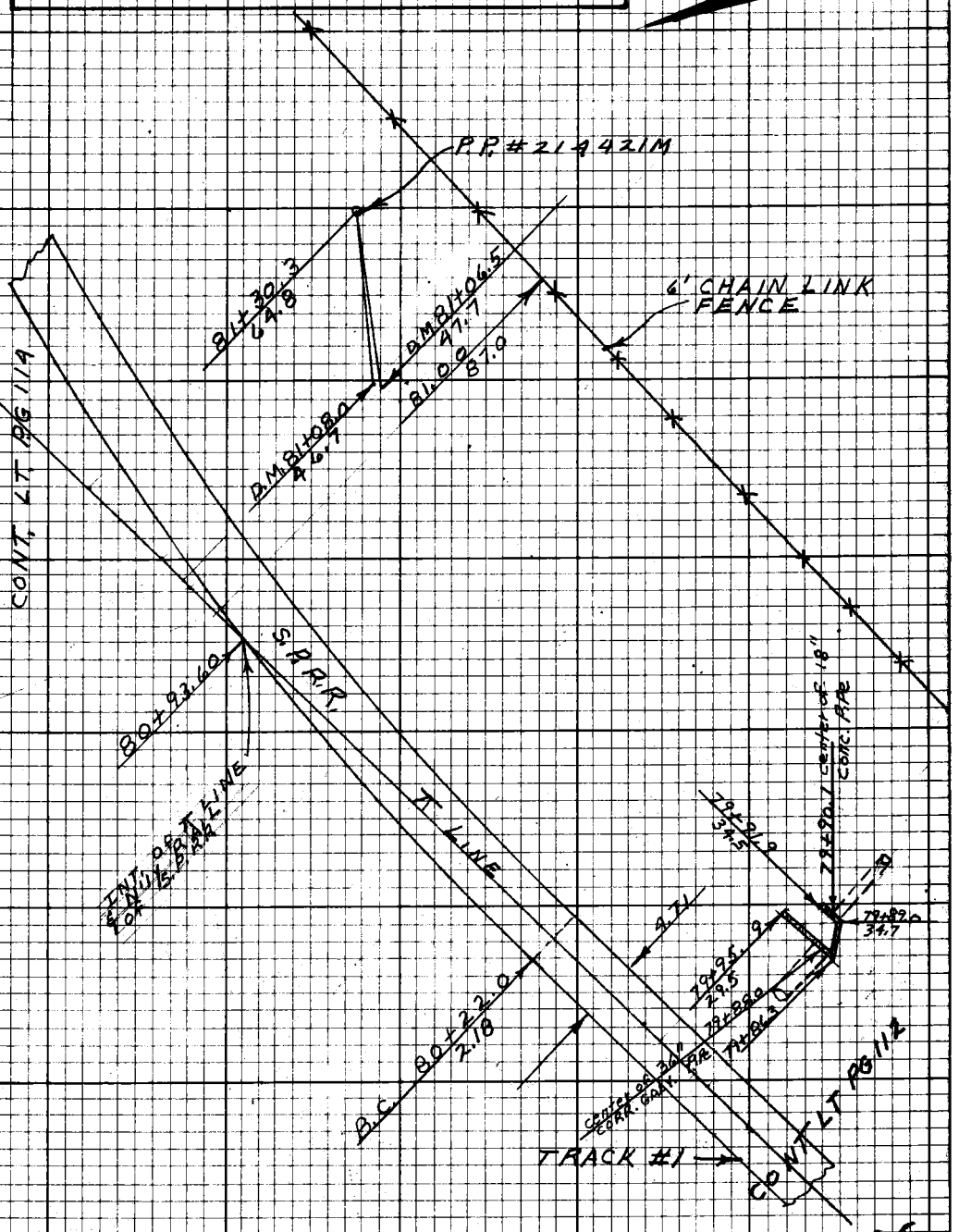
Notes Ck'd by	Survey of R.T.D
Map No.	JNO809.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes W.A. Meadyman Date 11-25-69
Date	Indexed D.D. GALLI DEC 12 '69

F.B. 3805 Pg. 113



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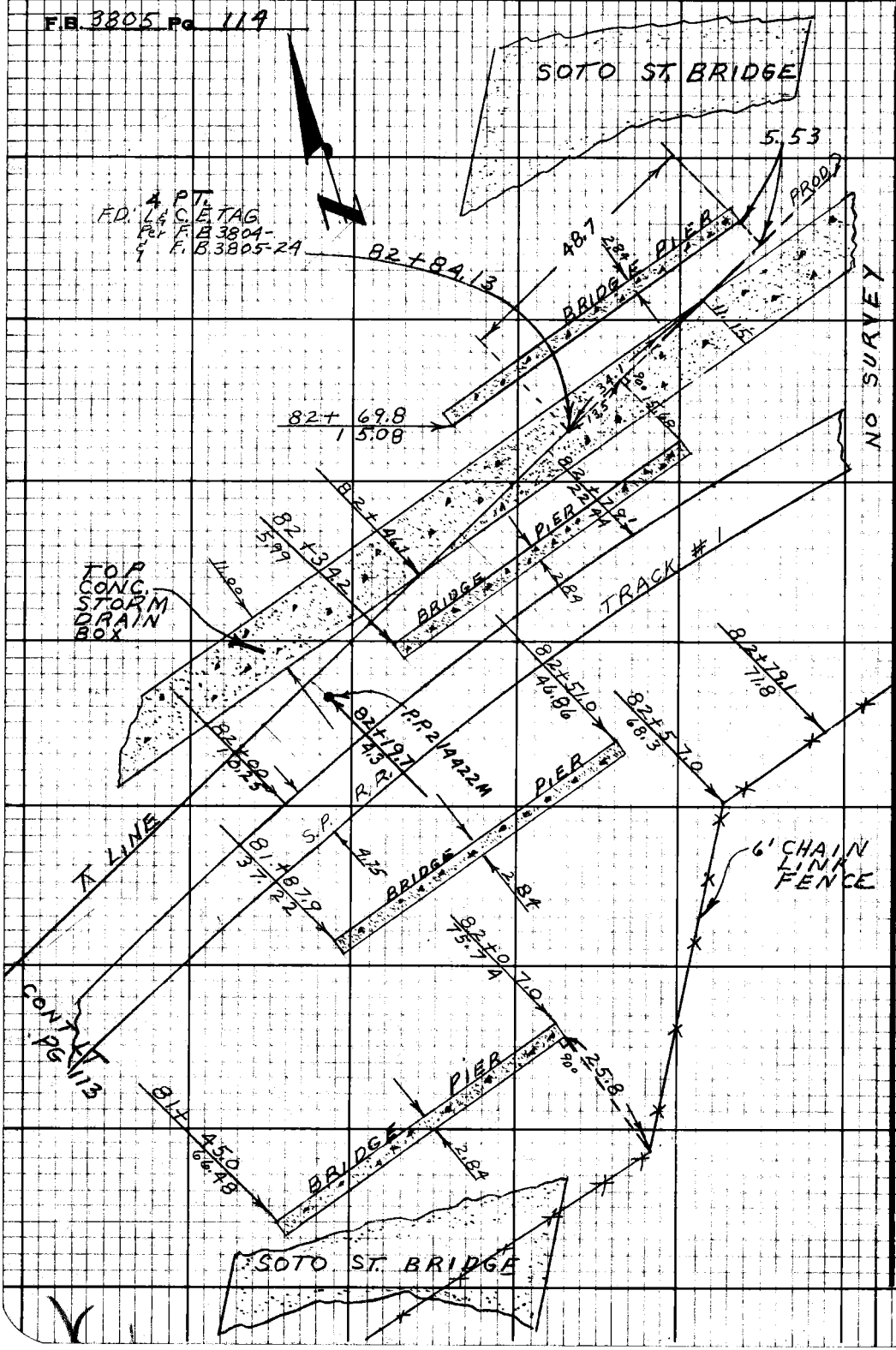
7E5098 CE#310 9-67

F.B. 3805 Pg. 114



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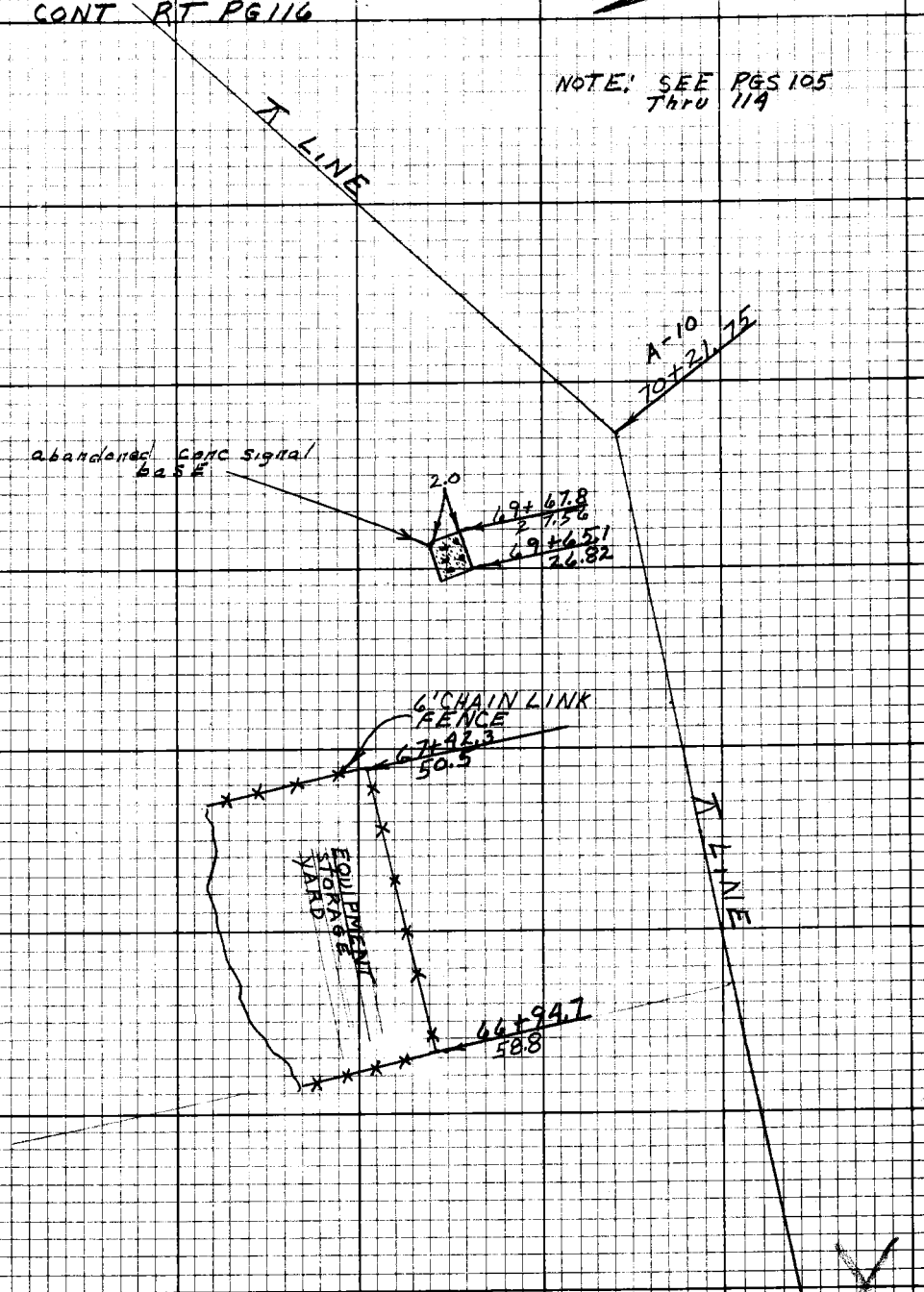
Notes Ck'd by	Survey of RT.D	F.B. 3805 Pg. 115
Map No.	JN 0809.00 Tape Std °F	
Office Work	Surveyed by L.L. BROWN	
Checked	Notes W.A. Moodyman Date 11-26-69	
Date	Indexed G.L. GALLI DEC 12	

CONT RT PG 116

NOTE: SEE PGS 105 Thru 119



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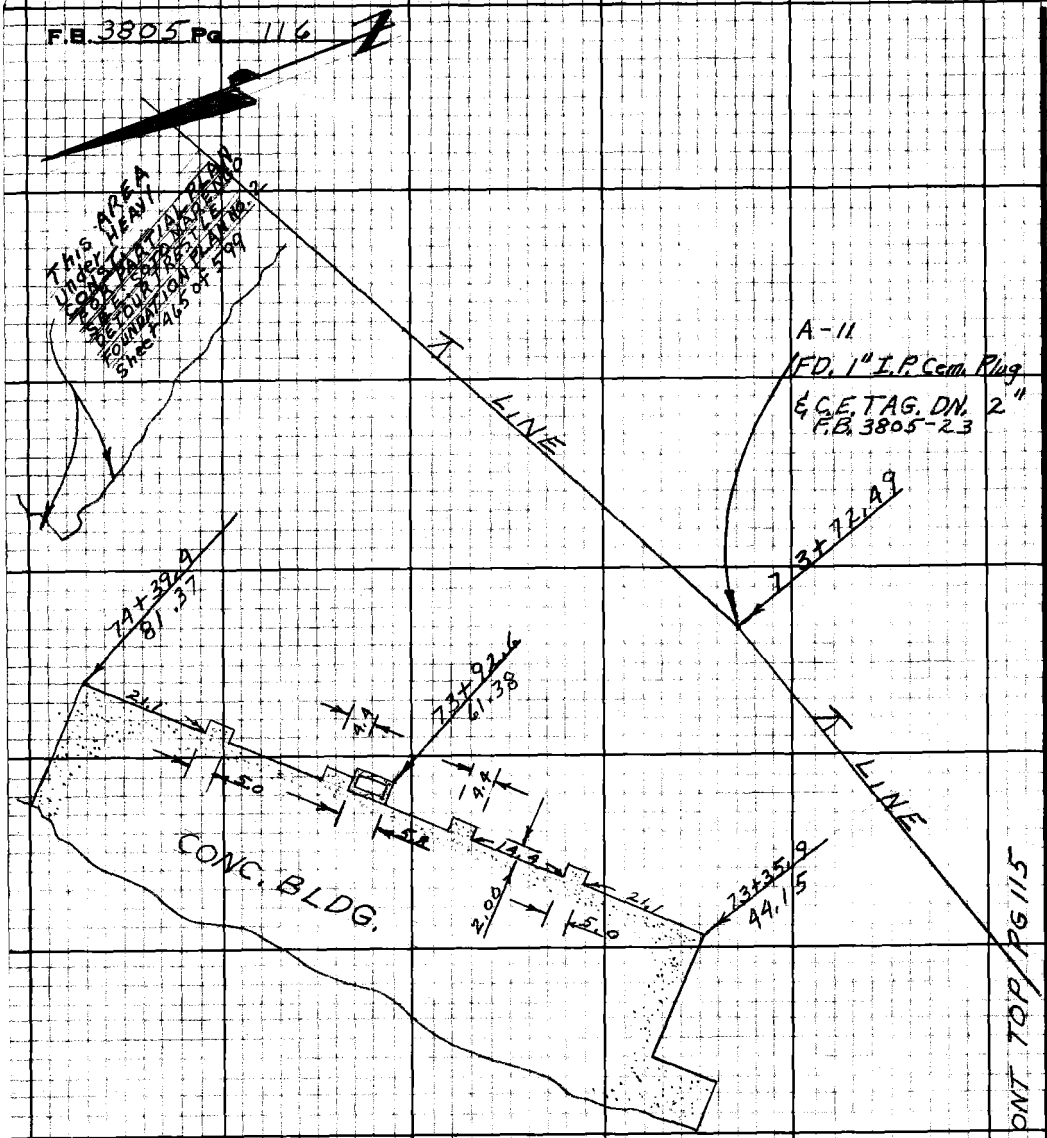
765098 CE#31D 9-67

F.B. 3805 Pg. 116



CONT FOR PG 115

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F. B. 3805 PG. 117

Profile No.	Notes Red	Plotted	Job No. 0809 00	Division No.	
	Date	Date	Survey of R.T.D.		
X-Sec. No.	Notes Chk'd.	Checked	Survey by L.L. BROWN	Notes L.L.B.	Date 12-2-69
	Date	Date	Map No.	Indexed H. E. OTT	Date DEC 19 '69

R.T.D. EXCLUSIVE EXPRESS BUSWAY
SAN GABRIEL TRANSPORTATION CORRIDOR.

J.N. 0809.00

CROSS SECTIONS FROM MISSION ROAD EASTERLY ALONG S.P. R.R. (R.T.D.) ROUTE TO SOTO ST.

STATION	B. S.	H. I.	F. S.	ELEV.
			PARTY BROWN, L.L. MOODY MAN, W. DOMINGUEZ, C. FISHER, L.	

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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F. B. 3805 Pg. 118

Job No. 0809 00 Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey of R.T.D. Date ____ Date ____ X-Sec. No. ____

Survey by L.L. BROWN Notes L.L.B. Notes Chk'd. ____ Checked ____

Indexed ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	MISSION	ROAD
					LEFT	RIGHT
B.M. E-2				278 66	B.M. E-2 ELEV. 278.662 ELY. SIDE. N.E. CR. OF WEST BOUND EXIT RAMP OF SAN BERNARDINO FRY. BT. SPK. IN LO. 3' N. OF N. C.R.	F.B. 3804-70 MISSION RD.
CROSS SECTIONS GOING NORTH ON MISSION ROAD.						
1+00				278 86		℄
				278 63		23°
				278 42		30° G.T.
				279 01		30° T.C.
				278 49	30° G.T.	
				279 12	30° T.C.	
1+36 3				280 34		50° COR. CONC. PAVT.
1+71 3				280 45		℄
				280 58		23°
				280 55		30° G.T.
				280 58		30° T.C.
				280 64		42° BACK WALK

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	MISSION ROAD LEFT	RIGHT
1+81 I				28 0 72		℄ TOP RAIL
	END CROSS SECTIONS GOING NORTH ON MISSION ROAD					
	BEGIN CROSS SECTIONS GOING SOUTH ON MISSION ROAD.					
1+00 9				279 38	50 2 CUR. CONC. APRON	
				280 40	65 0 PUMT	
1+16 8 B.C.				278 58		℄
				278 21	23 0 GUTOUT	
				277 98	30 0 GUT	
				278 57	30 0 T.C.	
				278 86	42 6 BACK WALK	

Profile Notes Red. ____ Plotted ____ Job No. 0808 Division No. ____
No. ____ Date ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.C.B. Date 12-2-67
No. ____ Date ____ Date ____ Map No. ____ Indexed D. E. U. Date DEC 19 '68

F.B. 3805 Pg. 119

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
B.M. E-1				282 02	B.M. E-1 EL. 282.015 F.B. 3804-69 MISSION RD. W'LY. SIDE. 20' ± N. S.P.R.R. R/W BT. JNK. IN LD. IN S'LY. COR. C.B.	
BEGIN CROSS SECTIONS GOING EAST ALONG R.T.D. ROUTE						
1+00						
1+51.4				279 62		
1+66.8				281 00		0.37 TOP RAIL
2+00				280 60		
				280 60		5.0 EDGE PVMT.
				280 47		7.0 TOP RAIL
				279 3		53.7 BOT. WALL
				280 06	32.2 EDGE PVMT.	
				280 1	42.2 GR.	
				280 69	50.7 TOP RAIL	
				280 0	52.7 GR.	

F.B. 3805 Pg. 120

Survey of R.T.D. Job No. 0809 00 Division No.
Survey by L.L. BROWN Notes L.L. BROWN Notes Red Date Plotted Date
Indexed Date Notes Chkd. Date Checked Date
Profile No. X-Sec. No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
3+00			⊙	279.66		T
				279.80		22.0 EDGE PVMT
				279.71		24.35 TOP RAIL
				279.1		61.0 BOT. WALL GRD.
				279.56	3.0 EDGE PVMT	
				279.4	14.0 GRD.	
				279.88	20.93 TOP RAIL	
				279.3	22.9 GRD.	
4+00				278.6		T
				279.15		9.4 EDGE PVMT.
				279.53		32.9 " "
				279.47		34.90 TOP RAIL
				279.0		67.7 BOT. WALL
				278.6	3.0 GRD.	
				279.29	9.37 TOP RAIL	
				278.7	11.3 GRD.	

Profile Notes Rod ____ Plotted ____ Job No. 0B09 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. ____ Notes Chk'd. ____ Checked ____ Survey by L.L. BRAUN Notes L.L.B. Date 12-2-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. QUIT Date DEC 19 69

F.B. 3805 PG. 121

76-L-298 CE 307 2-63

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F. B. 3805 Pg. 122
Job No. 0809 00 Division No.
Survey of R.T.D.
Survey by L.L. BROWN Notes L-L-13
Indexed

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red Date
Notes Chkd. Date

STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
4+93.8				279.06		40.3 PVMT.
5+00				279.02		
5+16.9				279.9		78.0 BOT. WALL
5+46.8				279.35		27.5 PVMT
6+00				278.4		
7+00				279.40		
				280.03		17.0 PVMT. @ FENCE
				281.87		76.0 PVMT
				281.3		79.0 GRD. @ FENCE
				279.38	4.0 EDGE PVMT	
				278.6	11.5 GRD.	
				279.19	17.68 TOP RAIL	
				278.6	19.7 GRD.	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
8+00				28 0 73		T
				28 1 06		8^{5} PVMT. @ FN.
				279 81	12^{5} EDGE PVMT.	
				279 0	18^{2} GRD.	
				279 50	26^{23} TOP RAIL	
				278 8	28^{2} GRD.	
8+ 53^{0}				28 1 52		2^{5} FENCE GRD.
8+ 66^{0}				28 2 39		32^{2} FENCE
9+01^{49}				28 1 77		T
A-2				28 1 89		4^{4} PVMT. @ FN.
				28 0 46	37^{2} EDGE PVMT.	
				279 3	42^{2} GR.	
				279 70	49^{50} TOP RAIL	
				279 1	51^{0} GRD	

Profile Notes Red ____ Plotted ____ Job No. 0809 ^{00} Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. BRAUN Notes L.L.B. Date 12-2-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date DEC 19 69

F.B. 3805 PG. 123

76-L-298 CE 307 5-66

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F. B. 3805 PG. 124

Job No. 0809 09 Division No. ____ Notes Red. ____ Plotted ____ Profile No. ____

Survey of R.T.D. Date ____ Date ____ X-Sec. No. ____

Survey by L.L. Brown Notes L.L.B. Notes Chk'd. ____ Checked ____

Indexed ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
9+91 0				279 98		⊼ PVMT.
10+00				279 2		⊼
				279 92		2 9 EDGE PVMT.
				280 83		28 3 PVMT. @ F.N.
10+31 43				279 78		⊼ TOP RAIL
10+54 0				279 3	6 07 GRD. @ MACY ST. BRIDGE	
10+76 1				280 31		47 57 PVMT. @ MACY ST. BRIDGE
				279 61	T.P.	
11+26 5				280 0	2 35 GRD. @ MACY ST. BRIDGE	
11+51 5				280 19		51 23 PVMT. @ MACY ST. BRIDGE

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
B.M. E-3				281 43	B.M. E-3 EL. 281.431 F.B. 3804-71 S.P.R.R. R/W-W'LY. SIDE @ MACY ST. OVERCROSSING 2-STORY BRICK BLDG. (S.D. & FENCE SOUTH) @ N'LY. SIDE LG. BT. SPK. IN MORTAR JOINT @ S.E. COR.	
12+20.8				280 04		24.3 EDGE PVMT
12+42.0				280 15		49.3 PVMT. @ FN.
12+54.5				280 91		6.6 PVMT
12+77.0				280 05		32.0 PVMT
12+91.6				281 24		14.61 FROG
13+24.0				281 64	2.2 PVMT FENCE COR.	

Profile Notes Red ____ Plotted ____ Job No. 0809 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 12-2-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. UT Date DEC 19 '69

F. B. 3805 PG. 125

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
13+44.7 S.D. BOX				281.61		32.37 COR. CONC. S.D. BOX
					281.61 TOP BOX - 6.90	281.61 TOP BOX - 6.80
					INV.= 274.71 24" CONC. DRAIN	INV. = 274.81 18" CORR. IRON DRAIN
13+47.80 A-3				281.60	COR. C.B.	
13+48.6				281.49		9.82 COR. C.B.
13+82.4				281.8		37.6 GRD. @ FENCE
16+00				283.11		
				283.0		46.1 GRD. @ FENCE
				283.62	1.22 TOP RAIL	
				283.74	1.25 " "	

Job No. 0809 00 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Date ____ Date ____ No. ____
Survey of R.T.D. Notes L.L.B. Notes Chk'd. ____ Checked ____ X-Sec. ____
Survey by L.L. BROWN Date ____ Date ____ No. ____
Indexed ____ Date ____ Date ____

F.B. 3805 PG. 126

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. ROUTE LEFT	RIGHT
16+00				2834	26.5 GRD. @ FENCE	
16+27.5				2839	30.5 GRD. @ FENCE COR.	
16+28.5				2834	9.5 GRD. @ FENCE COR	
17+00				2836		
				28421	4.24 TOP RAIL	
				2842	12.2 GRD. @ FENCE	
17+24.2				2834		38.2 ± FT. FENCE
18+00				2841		
				2840		37.2 TOE SLOPE
				2921		70.2 TOP BANK @ FN.
				28481	7.93 TOP RAIL	
				2846	15.2 GR. @ FN.	

Profile Notes Red ____ Plotted ____ Job No. 0809 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 12-2-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

H. E. OLD
DEC 19 '69

F. B. 3805 PG. 127

76-L-298 CE 307 5-66

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F. B. 3805 PG. 128

Survey of R.T.D.
Survey by L.L. BROWN Notes L.L.B.
Indexed Date

Job No. 4809 00 Division No.
Notes Red Date
Notes Chk'd. Date
Checked Date
Plotted Date
Profile No.
X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. ROUTE LEFT	RIGHT
19+00				285 1		⊼
				284 0		37° TOE SLOPE
				289 1		53° TOP BANK
				294 1		112° GR. @ FN.
				285 64	6 TOP RAIL	
				285 1	14 GR. @ FN.	
B.M. E-5				284 84	B.M. E-5 EL. 284.839 F.B. 3804-72 S.P.R.R.	R/W
					W/L. SIDE ADJ. TO MAIN. YARD CHAIN LINK FN. 1" I.P.	
					CEMT. PLUG & L.A. CO. ENGR. TAG ON, 3" X PT. A-4 F.B. 3805-17	
19+59 3				286 00		⊼ TOP RAIL
19+89 28 A-4				285 3		⊼ GRD.
				284 5		50° TOE SLOPE
				289 9		68° TOP BANK
				294 9		149 GRD. @ FENCE
				285 3	2 GRD. @ FENCE	
20+09 91				286 12		⊼ TOP RAIL

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
22+00				2861		⊼
				2851		26° TOE SLOPE
				2907		41° TOP BANK
				2957		119° GR. @ FENCE
				28704	22.07 TOP RAIL	
				2865	24± GRD.	
22+06±				2863	30° GR. @ FENCE COR.	
			0	28734	T.P	
23+83.28 A-5				2872		⊼ GRD.
				2870		9° GRD.
				28785		11.92 TOP RAIL
				2864		57° TOE SLOPE
				2914		71° TOP BANK
				2954		125.8 GRD. @ FENCE

Profile Notes Red ____ Plotted ____ Job No. 08092 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. Grim Notes L.L.G. Date 12-3-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. Olp Date DEC 17 69

F. B. 38005 PG. 129

76-L-298 CE 307 5-66

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F. B. 3805 PG. 130

Job No. 0809 CO Division No. Notes Red Date Plotted Date Profile No.
Survey of R.T.D. Notes Chk'd. Date Checked Date X-Sec. No.
Survey by L.L./BRAN Notes L.L.B. Date
Indexed

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
25+00				2874		X
				2874		12° GRD.
				2885		13.99 TOP RAIL
				2871		63° TOE SLOPE
				2906		73° TOP BANK
				2945		94.1 GRD. @ FENCE
			⊙	2884	T.P.	
26+68.8				2881		71° GRD.
				2900		81° GRD. @ FENCE
26+71.1				2918		GRD. @ BOT. CONC. WALL
				2978		TOP CONC. WALL
27+00				2889		X
				2886		7° GRD.
				28911		8.86 TOP RAIL
				28897		24.49 " "

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
27+00				2886		34° TOP BRK.
				2877		38° BOT. BRK.
				2880		72° TOE SLOPE
				2915		87 30 GRD. @ BOT. CONC. WALL
29+00				2894		
				28988	0 61 TOP RAIL	
				29015		15 82 TOP RAIL
				2897		28° TOP BRK.
				2892		33° BOT. BRK
				2893		62° TOE SLOPE
				2923		77 2 GRD. @ BOT. CONC. WALL
B.M. E-6				289 95	B.M.E-6 EL. 289.950 F.B. 3804-73 S.P.R.R. R/W W'ly. SIDE L.A.CO. ENGR. TAG IN LD. IN CONC. FOOTING OF CONC. PILASTER OF CONC. RETAINING WALL @ ℄ PT. IN WALL 7' W. OF W'LY. RAIL NEAR S'LY. END OF WALL.	

Profile Notes Rod ____ Plotted ____ Job No. 0809 Division No. 22
No. X-Sec. Date ____ Date ____ Survey of R.T.D.
No. ____ Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 12-3-69
Date ____ Date ____ Map No. ____ Indexed Lt. Ex. 011 Date ____

F.B. 3805 Pg. 131

76-L-298 CE 307 2-63

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F. B. 3805 PG. 132 | Job No. 0809 22 | Division No. | Notes Red | Plotted | Profile
Survey of R.T.D. | Notes L.L.B. | Date | Date | No.
Survey by L.L. BROWN | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
29+50 4				2925		75 2 GRD. @ CONC. WALL
				2979		75 2 TOP CONC. WALL
29+50 9				2895		60 0 TOE SLOPE
				2917		70 4 GRD. @ FENCE COR.
31+00				2901		T
				29052	3 91 TOP RAIL	
				2894	6 0 GRD. TOE BALLAST	
				29080		11 85 TOP RAIL
				2900		23 0 TOP BRK.
				2891		27 0
				2900		30 0
				2904		52 0
				2893		58 0
				2905		74 2

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
33+00				2912		
				29164	8 94 TOP RAIL	
				2904	TOE BALLAST	
				29160		6 59 TOP RAIL
				2912		18 5 TOP BRK.
				2907		21 0 BOT. "
				2911		24 0 TOP "
				2910		47 0 TOP "
				2903		51 0 BOT. BRK.
				2914		68 5 GRD. @ FENCE
			⊙	29149	T.P.	
35+00				2920		
				29254	14 82 TOP RAIL	
				2921	TOE BALLAST	
				29253		0 69 TOP RAIL
				2919		40 0
				2915		44 0
				2919		48 0
				2921		62 5 GRD @ FENCE

Profile Notes Red ____ Plotted ____ Job No. 0809 00 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L.B. Rew. Notes L.L.B. Date 12-3-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OLI Date DEC 19 69

F.B. 3805 PG. 133

76-L-298 CE 307 5-66

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F. B. 3805 PG. 134

Job No. 0809 00 Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey of R.T.D. Date ____ Date ____ X-Sec. No. ____

Survey by L.L. Brown Notes L.L.B. Notes Chk'd. ____ Checked ____

Indexed ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
37+00				2932		
				29342	5^{29} TOP RAIL	
				29346	15^{28} " "	
				2930	17^{3} GRD.	
				2933		14^{0}
				2927		17^{0}
				2924		30^{0}
				2929		35^{0}
				2934		55^{8}
			⊙	29301	T.P.	
39+00				2940		
				29436	14^{14} TOP RAIL	
				2938	16^{2} GRD.	
				29439		4^{16} TOP RAIL
				2933		27^{0} BRK
				2960		52^{8} GRD. @ FENCE

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
39+61±				2949		48 73 GRD. @ BRIDGE PIER
40+04±				2940	14 01 GRD. @ BRIDGE PIER	
40+10±				2953		51 75 GRD. @ BRIDGE PIER
40+51±				2942	7 00 GRD. @ BRIDGE PIER	
			0	29537	T.P.	
41+00				2950		T
				2951		13 7 GRD
				29580		15 79 TOP RAIL
				29537		51 75
				2950		52 0
				2981		25 0
B.M. E-8				29953	B.M. E-8 EL. 299.531 F.B. 3804-74 @ GOLDEN STATE FRY. OVERCROSSING BT. SPK. IN N. W'LY. COR. OF MOST W'LY. CONC. PIER	S.P.R.R. R/W S'LY. SIDE

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0809 00 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of R.T.D.
Notes Chk'd. ____ Checked ____ Survey by L.L. BROWN Notes L.C.S. Date 12-3-69
Date ____ Date ____ Map No. ____ Indexed H. E. OLI Date ____

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76-L-298 CE 307 5-66

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F.B. 3805 PG. 136

Job No. 0809 Division No. 00 Notes Red ____ Plotted ____ Profile No. ____

Survey of R.T.D. Date ____ Date ____ X-Sec. No. ____

Survey by L.L. Brown Notes L.L.B. Notes Chk'd. ____ Checked ____

Indexed ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
42+00				2957		
				29706	24^{00} TOP RAIL	
				2955		24^{0} GRD.
				29614		26^{44} TOP RAIL
				29586		43^{24} " "
				2951		62^{0} BRK.
				2984		95^{2} GRD. @ FENCE
$42+32^{3}$				2975		70^{28} GRD. @ BRIDGE PIER
44+00				2967		
				29766	15^{21} TOP RAIL	
				29791	31^{96} " "	
				2973	34^{0} GRD.	
				3004		59^{1} GRD. @ FENCE
$44+24^{1}$				2993		48^{03} GRD. @ BRIDGE PIER
B.M. E-9				30120	B.M. E-9 EL. 301.198 FB. SLF. SIDE @ GOLDEN STATE FRY. IN NE. CF. COR. OF MOST E CF.	3804-75 S.P.R.R. R/W OVERCROSSING BT. SPK. CONC. PIER

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
46+00				2985		
				298.84	20^{06} TOP RAIL	
				299.27	48^{18} " "	
				299.41	64^{03} " "	
				298.1	68^{0} GRD.	
				299.6		38^{0} GRD.
				300.2		66^{3} GRD. @ FENCE
46+04.6				297.87	32^{3} TOP CONC. DRAIN	
			0	299.47	T.P.	
49+00				300.1		
				300.64	16^{86} TOP RAIL	
				301.48	50^{29} " "	
				301.79	65^{87} " "	
				301.0	69^{0} GRD.	
				300.2		40^{0} GRD
				300.6		124^{0} GRD. @ FENCE

Profile Notes Red ____ Plotted ____ Job No. 0809.00 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of R.T.D.
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by L.L. BROWN Notes L.L.B. Date 12-4-69
Map No. ____ Indexed H. E. OTT Date ____

F.B. 3805 Pg. 137

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
51+00				30.18		
				303.38	20.92 TOP RAIL	
				303.51	36.92 " "	
				302.9	39.0 GRD.	
				302.41		10.55 TOP RAIL
				301.6		60.0
				302.5		154.0 TOE SLOPE
				304.3		164.3 GRD. @ FN.
			⓪	301.97	T.P.	
B.M. E-10				308.51	B.M. E-10 EL. 308.505 F.B. 3804-76 S.P.R.R. R/W N Ly. SIDE 50'± W. STATE ST. OVERCROSSING BT. SPK. IN CONC. BLOCK RETAINING WALL IN MORTAR JOINT NEAR ELy. END.	

F.B. 3805 Pg. 138

Survey of R.T.D.
Survey by L.L. BROWN Notes 2.2.13.
Indexed Date

Job No. 0809 Division No. 00 Profile No.
Notes Red Date Plotted Date X-Sec. No.
Notes Chkd Date Checked Date No.

F.B. 3805 Pg. 139

Profile No.	Notes Red	Plotted	Job No. 0809 00	Division No.
	Date	Date	Survey of R.T.D.	
X-Sec. No.	Notes Chkd.	Checked	Survey by L.L. BROWN	Notes L.L.B. Date 12-4-69
	Date	Date	Map No.	Indexed H. E. OTT Date

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

STATE ST. BRIDGE

PROFILE LINE A

A-8
52+19.77
3½" I.P.
F.B. 3805-20

℄ RAILS ↗ 90°

℄ LINE ↗

52+77.8 E
=1400 N.

℄ RAILS ↗

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. 0809 02
Notes L.L.B. Date ____
Survey of R.T.D.
Survey by L.L. BROWN
Indexed ____

F.B. 3805 Pg. 140

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE LINE A	
B.M. E-10				308 51	B.M. E-10 EL. 308.505 FOR DESC. SEE PG. 138	F.B. 3804-76
1+00				304 1		
1+18°				304 6		TOE SLOPE
1+28°				310 3		TOP BANK
1+41°				312 7		SIDE HILL
			⊙	312 97	T.P.	
1+71°				319 2		SIDE HILL
1+95°				322 6		TOE SLOPE
2+03°				326 25		TOP MAC. PVMT.
2+17°				326 07		MAC. PVMT.
			⊙	321 08	T.P.	
B.M. E-10				308 51	B.M. E-10 EL. 308.505 FOR DESC. SEE PG. 138	F.B. 3804-76

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
3.M. E-10				308.51	S.M. S-10 EL. 308.505 FOR DESC. SEE PG. 128	F.B. 3804-76
53+00				3044		
				30500	10.06 TOP RAIL	
				3045	13.0 GRD.	
				30496		5.44 TOP RAIL
				30396		37.78 " "
				3036		100.0 GRD.
				3027		188.6 GRD. @ FENCE
				30513	T.P.	
56+00				3071		
				30739	10.22 TOP RAIL	
				3070	12.0 GRD.	
				30751		5.48 TOP RAIL
				30714		49.27 " "
				3066		100.0 GRD.
				3058		195.0 GRD. @ FENCE

Profile Notes Red ____ Plotted ____ Job No. 0809 00 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Ch'd. ____ Checked ____ Survey by L.L. BRAUN Notes L.L.B. Date 12-5-69
No. ____ Date ____ Map No. ____ Indexed L. F. OTT Date ____

F.B. 3805 PG. 141

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Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date ____ Notes Chk'd. ____ Date ____

Division No. ____ Job No. 0809 00

F. B. 3805 PG. 142

Survey of R.T.D.

Survey by L.L. BROWN Notes L.L.B.

Indexed ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
58+00				3084		
				308 90	10 22 TOP RAIL	
				307 5	15° GRD.	
				308 97		5 53 TOP RAIL
				308 60		49 47 " "
				307 7		100° GRD.
				307 5		195° GRD. @ FENCE
B.M. E-11				311 11	B.M. E-11 EL. 311.105 F.B.3 SIDE BT. SQK. IN LD. IN CONC. @ S.L.J. END. COR. COUNTY	804-77 S.P.R.R. R/W N.L.J. CAP OF CONC. BLOCK WALL PARKING LOT.
60+00				3100		
				310 49	10 24 TOP RAIL	
				309 6	12° GRD.	
				310 59		5 46 TOP RAIL
				309 74		49 43 " "
				309 7		100° GRD.
				310 2		195° GRD. @ FENCE.
			⊙	310 42	T.P.	

F. B. 3805 Pg. 143

Profile No.	Notes Red	Plotted	Job No. 0809 00	Division No.	
	Date	Date	Survey of R.T.D.		
X-Sec. No.	Notes Chkd.	Checked	Survey by L.L. BROWN	Notes L.L.B.	Date 12-5-69
	Date	Date	Map No.	Indexed H. E. OTT	Date

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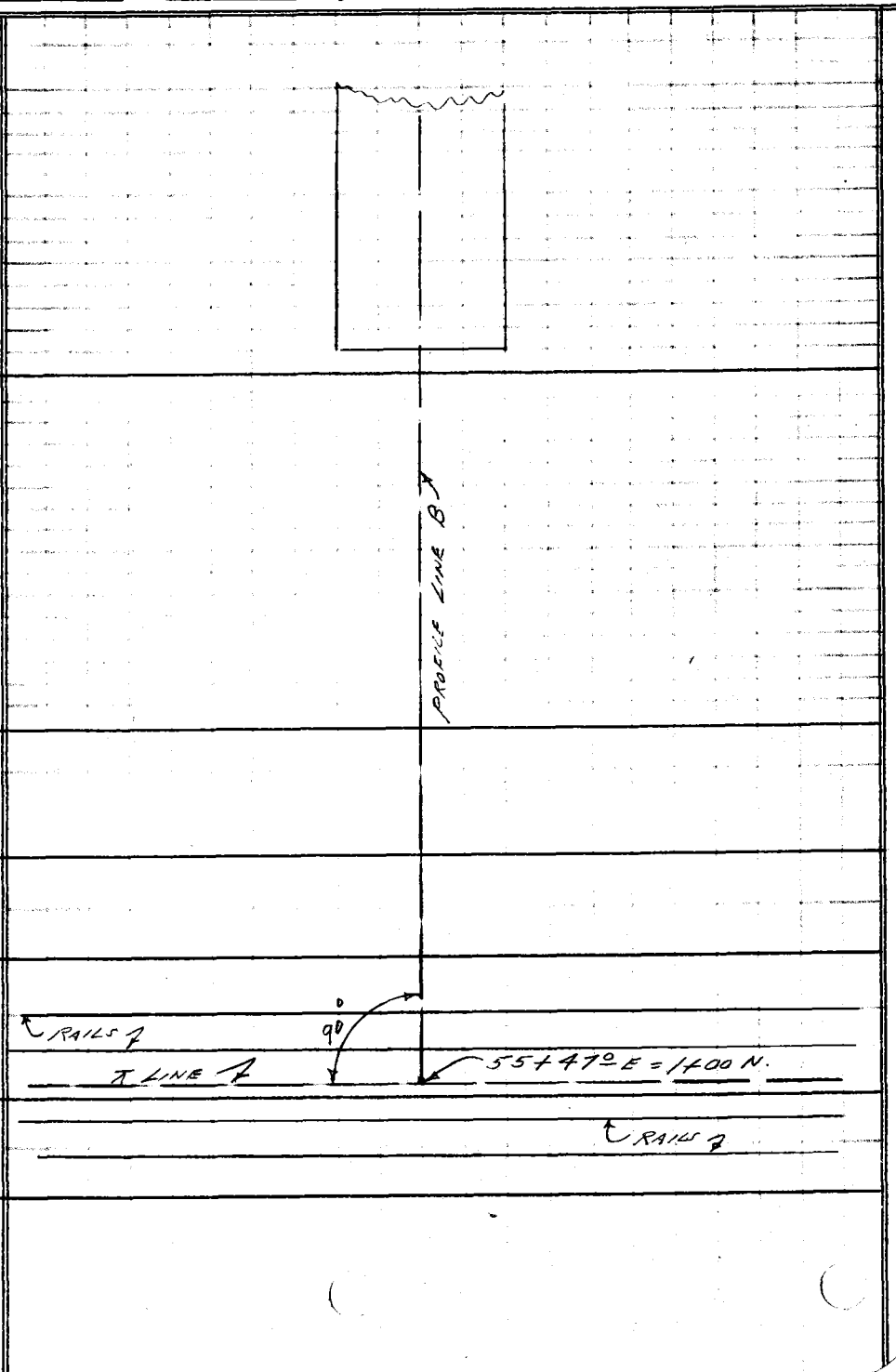

76-L-298 CE 307 2-63

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F.B. 3805 Pg. 144

Job No. 0809 Division No. 02 Notes Red ____ Date ____ Plotted ____ Date ____ Profile No. ____

Survey of R.T.D. Notes L.L.B. Notes Chkd. ____ Date ____ Checked ____ Date ____ X-Sec. No. ____

Survey by L.L. BROWN Indexed ____

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE LINE B		
1+00				3067		X	
1+24±				3060		X	TOE SLOPE
			⊙	31187	T.P.		
			⊙	32021	T.P.		
1+43±				3231		X	TOP BANK
1+77±				32335		X	MAC. PVMT. STREET
2+77±				32419		X	MAC. PVMT. STREET
			⊙	32037	T.P.		
				31261	T.P.		
B.M. E-11				31111	B.M. E-11 EL. 311.105 F.B. 3804-77		
					FOR DESC. SEE PG. 142		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
B.M. E-12				308 70	B.M. E-12 EL. 308.598 F.B. 3804-77 S.P.R.R. R/W NL/F. SKE AT CUTTINGS ST. BT. SPK. IN W.L/F. CURB @ WATER METER @ HD. NO. 1011	
60+92.0				31 046		14.2 TOP RAIL
62+00				3116		
				31202	10.21 TOP RAIL	
				3115	12.0 GRD.	
				3124		5.46 TOP RAIL
				3113		25.0 GRD.
				31100		49.40 TOP RAIL
				3103		100.0 GRD.
				31167		142.25 TOP RAIL
				3113		180.8 GRD. @ FENCE
64+00				3134		
				31385	10.20 TOP RAIL	
				3133	12.0 GRD.	
				31385		5.42 TOP RAIL
				3131		25.0 GRD.
				31281		44.12 TOP RAIL

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0809 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of F.T.D. Date ____
Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by L.L. Bark Notes L.L.B. Date 12-5-69
Map No. ____ Date ____ Indexed H. E. OTT Date ____

F. B. 3805 PG. 145

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F. B. 3805 PG. 146 | Job No. 0809 | Division No. | Notes Red | Plotted | Profile No.
Survey of R.T.D. | Date | Date | X-Sec. No.
Survey by L.L.B. Rodin | Notes L.L.B. | Notes Chk'd. | Checked
Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
64+00				3126		70° GRD.
				31411		86 20 TOP RAIL
				31368		109 35 " "
				3136		138° GRD. @ FENCE
			⊙	31380	T.P.	
65+63 75				3147		
				31517	10 22 TOP RAIL	
				3146	14° TOP BRK	
				3116	26° BOT. "	
				31515		5 47 TOP RAIL
				3147		25° GRD
				31444		37 51 TOP RAIL
				31480		55 23 " "
				31456		77 27 " "
				3142		101° GRD @ FENCE

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
66+46°				3149		T TOP BANK
				3131	9° RT. BNK.	
				3154	22° TOP "	
66+49°				3166	32° TOE SLOPE	
66+72				3398	58° TOP BANK	
67+00				3142		T
				3148	7° TOE SLOPE	
				3386	85° TOP BANK	
				3153		1° TOE BALLAST
68+00				3152		T
				3155	13° TOE SLOPE	
				3352	45° TOP BANK	
				3359	75°	
				3160		7° TOE BALLAST
				3186		9° TOP BANK

Profile Notes Red ____ Plotted ____ Job No. 2809 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 12-5-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. L. Date DEC 19 1969

F. B. 3805 PG. 147

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F. B. 3805 PG. 148

Job No. 2809 Division No. Notes Red. Plotted Profile

Survey of R.T.D. Date Date No.

Survey by L.L. BRAUN Notes L.L.B. Notes Chk'd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
69+05				317.11		25.2 TOP RAIL
				316.9		62.2
				315.8		84.6 SIDE FENCE
				(B) 316.45	T.P.	
68+80.75				317.64		↑ TOP RAIL
69+00				317.3		↑
				317.75	3.5 TOP RAIL	
				317.0	6.0	
				315.6	12.0 BOT.	
				316.5	22.0 TOE SLOPE	
				326.9	41.0 TOP BANK	
				337.6	91.0 GRD.	
				316.8		63.3 GRD. @ FENCE
69+56.42				317.97		↑ TOP RAIL

76-L-298 CE 307 5-66

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
70+00				318 6		
				317 8	32° BOT. BANK	
				316 5	40° BOT. BANK	
				315 5	49° TOE SLOPE	
				332 2	80° TOP BANK	
				317 5		21° SOD [illegible]
70+20°				316 3	58° [illegible]	
				339 5	80° TOP BANK	
70+49°				318 7		5 [illegible] GRO[illegible]
70+85.30				319 16		TOP [illegible]
70+91.2				319 2		16 [illegible] SOD & BRIDGE PIER
71+00°				339 7	TOP BANK	
71+47°				318 3	114° TOE SLOPE	

Profile Notes Red ____ Plotted ____ Job No. 0809 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. Baker Notes L.L.B. Date 12-5-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. Q. Date ____

F. B. 3805 Pg. 149

76-L-298 CE 307 5-66

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F. B. 3805 PG. 150

Job No. 0809 Division No. 22 Notes Red ____ Plotted ____ Profile No. ____
Date ____ Date ____
Survey of R.T.D. Notes Chk'd. ____ Checked ____ X-Sec. No. ____
Survey by L.L. Brown Notes L.E.B. Date ____ Date ____
Indexed ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
B.M. E-13				318.94	B.M. E-13 EL. 318.935 F.B. 3804-80 S.P.R.R. R/W N.W. SIDE @ ELY. SIDE CORNWELL ST. BT. SOK. IN LD. IN 42" CONC. BASE OF ELEC. TRANSMISSION POLE 9' N. OF N. RAIL	
71+36 0				318.6	28° TOE SLOPE	
71+52 12				319.32		TOP RAIL
71+75 0				319.2	17° TOE SLOPE	
				331.1	47° TOP BANK	
				319.6	84° TOE SLOPE	
72+00				319.0		
				319.2	12° TOE SLOPE	
				330.2	37° TOP BANK	
				330.8	83° GRD.	
				319.6		52° GRD. @ FENCE
73+00				320.2		
				320.6	12° TOE SLOPE	
				324.4	23° TOP BANK	
				325.4	50° TOP	
				320.76		4° TOP RAIL

76-L-298 CE 307 2-63

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
73+00				32093		20^{9} TOP RAIL
				3205		53^{5} GRD. @ FENCE
			O	32082	T.P.	
$73+35^{2}$				3209	17^{0} TOE SLOPE	
				3231	27^{0} TOP BANK	
				3229	44^{15} COR. CONC. B206.	
74+00				3212		
				32173	2^{34} TOP RAIL	
				32167	16^{92} " "	
				3213		54^{0} GRD. @ FENCE
$74+39^{4}$				3224	8^{37} COR. CONC. B206.	

Profile Notes Red. ____ Plotted ____ Job No. 0809 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 12-8-69
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F.B. 3805 Pg. 151

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
75+00				321 8		
				322 46	2^{2} TOP RAIL	
				322 72	56^{7} " "	
				322 5		62^{5} GRD. @ FENCE
			0	322 75	T.P.	
77+00				323 5		
				323 96	2^{40} TOP RAIL	
				324 1	43^{6} GRD.	
				325 4		60^{0} GRD.
				326 4		63^{0} GRD. @ FENCE
			0	324 40	T.P.	
78+22.5				324 7		38^{0} GRD
				325 1		53^{25} GRD. @ BRIDGE PIER
79+00				326 4		
				325 90	2^{30} TOP RAIL	

F. B. 3805 PG. 152
Job No. 0809.00 Division No.
Survey of R.T.D. Notes L.L.B.
Survey by L.L. BROWN
Indexed
Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
79+00				324 7	6° TOE BALLAST	
				325 8	30° GRD.	
				325 2		30° TOE SLOPE
				326 8		42° TOP BANK
				328 1		64° GRD. @ FENCE
79+38.5				324 36		29.7 TOP CONC. HEADWALL
				320 66		29.7 INV. 36" CORR. IRON DRAIN
79+90.1				323 06		34.7 TOP CONC. HEADWALL
				320 71		34.7 INV. 18" CONC. DRAIN
80+00				326 1		
				326 59	2.30 TOP RAIL	
				325 6	7° TOE BALLAST	
				325 8	40° GRD.	
				325 5		7° TOE BALLAST
				325 9		20° TOP BAR
				322 7		33° BOT. DITCH

Profile Notes Red ____ Plotted ____ Job No. QB09-20 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of R.T.D.
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 12-8-69
Date ____ Map No. ____ Indexed H. E. OTT Date [redacted] 19 69

F.B. 3805 Pg. 153

76-L-298 CE 307 2-63

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F.B. 3805 Pg. 154

Job No. 0809 00 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of R.T.D. Date ____ Date ____ No. ____ X-Sec. ____
Survey by L.L. Brown Notes L.L.B. Notes Chkd. ____ Checked ____ No. ____
Indexed ____ Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
80+00				3256		43° TOP BANK
				3289		72¹ GRD. @ FENCE
				32665	T.P.	
81+00				3269		
				3262	4° TOE BALLAST	
				32641	21² TOP CONC. BOX S.O.	
				32639	32² " " " "	
				32739		0.4° TOP RAIL
				3264		9.5 TOE BALLAST
				3264		23° TOP BRK
				3257		30⁵ BOT. DITCH
				3275		40° TOP BRK.
				3294		87° GRD. @ FENCE
81+45°				3272		25° GRD.
				3265		33° BOT. DITCH
				3267		45° TOP BRK.
				3285		66 AB GRD. @ BRIDGE PIER

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
81+87.2				3274		37.22 GRD. @ BRIDGE PIER
82+07.0				3290		75.24 GRD. @ BRIDGE PIER
82+34.2				3278	5.99 GRD. @ BRIDGE PIER	
82+69.8				3288	15.08 GRD. @ BRIDGE PIER	
B.M. E-14				328.29	B.M. E-14 EL. 328.287 F.B. 3804-80 S.P.R.R. R/W @ SOTO ST. & A. L.A.C. ENGR. TAG IN LEAD IN TOP 10' CONC. DRAIN TUNNEL - FLUSH WITH GROUND.	

Profile Notes Red ____ Plotted ____ Job No. 0809 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of R.T.D.
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 12-8-69
Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 3805 Pg. 155

F.B. 3805 Pg. 156

Job No. 0809 00 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of R.T.D. Date _____ Date _____ No. _____

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L.298 CE 307 2-63

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Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. Brown Date 12-9-69
Date	Indexed H. E. OTT 12-19-69

F.B. 3805 Pg. 157

R.T.D. EXCLUSIVE EXPRESS BUSWAY

SAN GABRIEL TRANSPORTATION CORRIDOR

J.N. 0809.00

LOCATION OF ADDITIONAL IMPROVEMENTS ON AERIAL TOPOG. MAPS BETWEEN SOTO ST. AND EASTERN AVE. ALONG S.P.R.R. (R.T.D. ROUTE)

PARTY
BROWN, L.L.
MOODYMAN, W.
DOTINGUEZ, C.
FISHER, L.

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ZEF3098 CE#310 8/67

F.B. 3805 Pg 158

CONT. 130+74.4
PG. 159

S-B ⊥ PT.
STA. 106+39.32
FD. P.K. SPK. IN
R.R. TIE PAC
F.B. 3804-17

3.36
2

C.T. LINE

L

P.P. No.
86/3638

105+47
20.2

105+20.5
18.5

G.W.

105+00
4.67

105+00
75.8

6.0 CHAIN LINK FENCE

104+91.8
7.37

104+91.2
7.74

CONCRETE PIER
PEDESTRIAN
13.0 DEE

13.8
13.8
13.0
13.0

7.34

7.76

GRAVEL

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

Survey of R.T.D.
JN 9809.10 Tape Std "T"
Surveyed by L.L. Brown
Notes L.L. Brown Date 2-9-68
Indexed A. E. OTT 19

F.B. 3805 Pg. 159

CONT. BOTTOM PG. 158

3°

24 96
118+12 3
24 97

118+12 3
3 2 8

4 PT. S-7
118+23.49
FD. 2" I.P.
WOOD PLUG & N.
FLUSH
F.B. 3804-19

E. PROPERTY

32" DIA STEEL SIGN POST

118+13 3
23 3

FENCE

P.O.T.
STA. 112+09.90
FD. 2" I.P.
OFF. PLUG &
GRASS NAIL
FLUSH PER
F.B. 3804-17

112+09 90
4 85

PROPERTY

E LINE

60' COMM. LINE

CONT. TOP PG. 158

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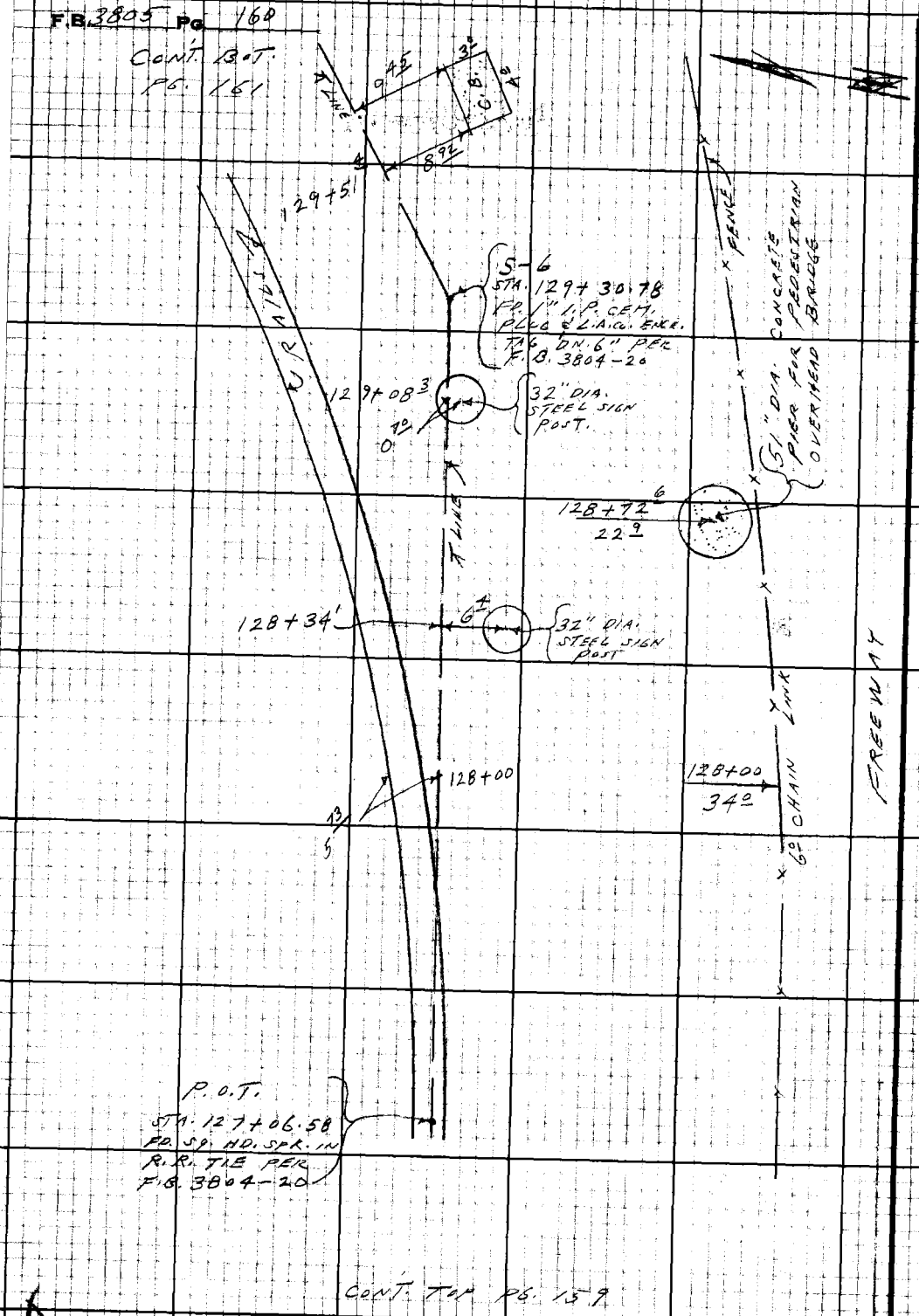
403 LOS ANGELES COUNTY ENGINEERING BLDG.

2ed3098 CE#31D 9-67

F.B. 3805 Pg. 160

CONT. B.O.T. PG. 161



CONT. TOP PG. 159

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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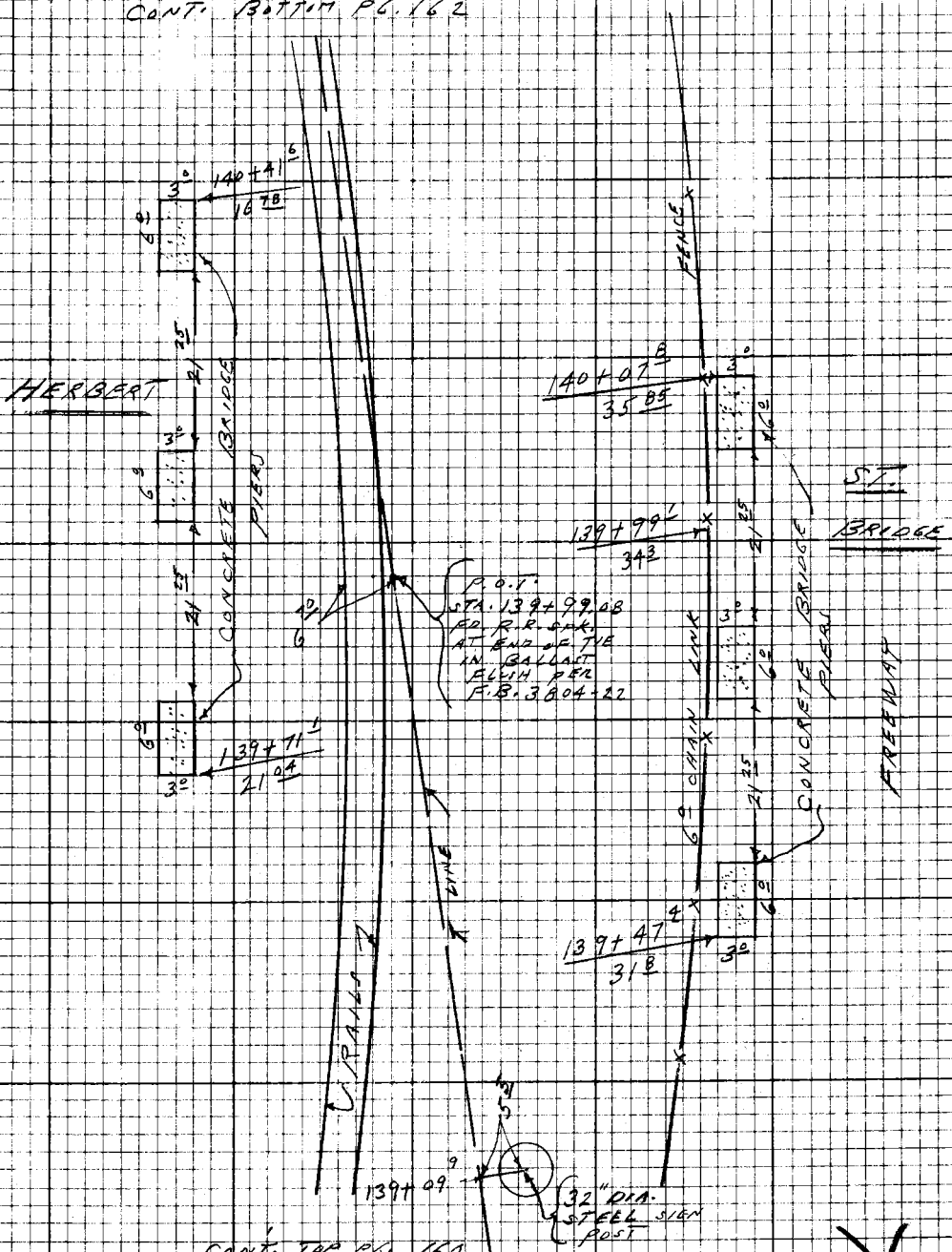
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of P.T.D.
Map No.	JN 08809.40 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-8-69
Date	Indexed H. E. OTT 12-19-69

F.B. 3805 Pg. 161

CONT. BOTTOM PG. 162



CONT. TOP PG. 160

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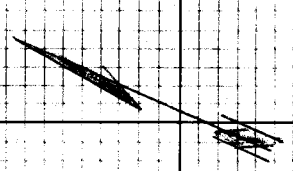
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7654088 CE#31D 9-67

F.B. 3805 Pg. 162



CONT. BOTTOM PG. 163

RAILS

℄ LINE

32" DIA. SIGN STEEL POST

143 + 15 4

15'

FENCE

LINK

FREEWAY

P.O.T.
STA. 142 + 81.30
FD. CONC. NAIL
ON R.R. TIE
PER
F.B. 3804-25

2 35

142 + 81 3

39 5

CO. CHAIN

CONT. TOP PG. 161

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of P.T.D.
Map No.	JN 4809.40 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-9-69
Date	Indexed

F.B. 3805 PG. 163

CONT. BOTTOM PG. 164

151+67 20 E

151+44.5 20 E

32 DIA. STEEL PIPE

CHAIN LINK FENCE

60 CHAIN

1 FALLS

1 LINE

149+32 27 22

149+28 27 23

3°

6.5'

14

10

S. 2 H.H.

149+17.8 47 E

ASSUMED CONC. SIDEWALK PACE

149+07 24 E

2.5

3.5

P.O.T.
STA. 149+17.77
FD. SQ. HO. SPK
LC. & SMALL W.
FLUSH IN R.R. TIE
F.B. 3804 - 25

CONT. TOP PG. 161

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165608 CR#310 9-67

F.B. 3805 Pg. 164

CONT. BOTTOM PG. 165

P.O.T.
STA. 159+95.22
FR. NARLIN
R.R. TIE
F.B. 3804-26

283

159+95 2
47 5

RAILS

32" DIA. STEEL SIGN POST

158+51 3
20 3

158+28 9
20 5

LINK FENCE

FREEWAY

T LINE

6° CHAIN

157+69 6 3°
27 95

C.B.

4°

157+65 6
27 91

157+41 2
24 06

23 5

PEDESTRIAN TUNNEL

157+33 8
24 35

CONC. WALL

CONT. TOP PG. 163

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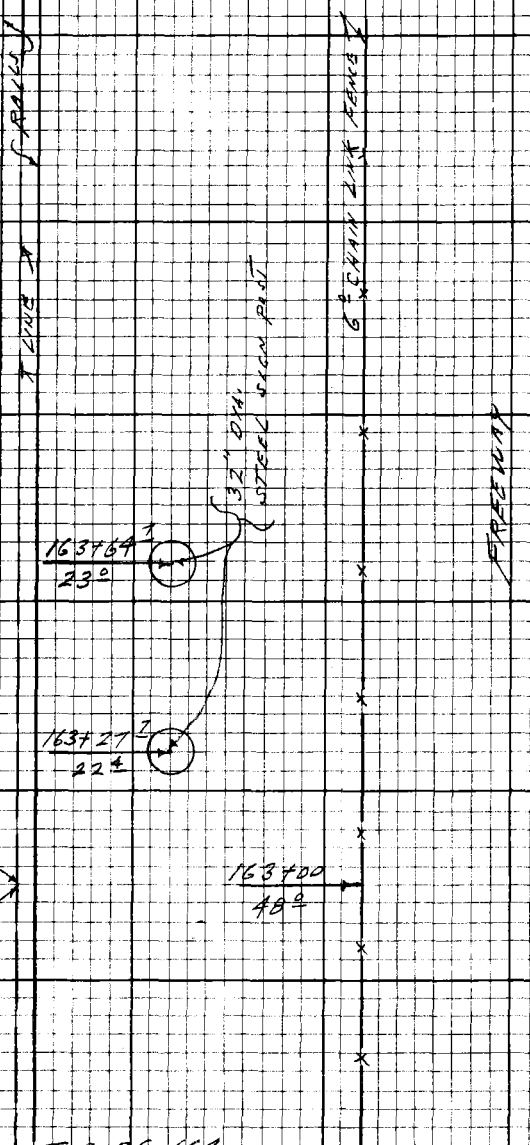
Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape Std "T"
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-9-59
Date	Indexed H.E. OTT

F.B. 3805 Pg. 165

CONT. BOTTOM PG. 166



CONT. TOP PG. 164

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

JEF 0098 CE#31D 9.67

FB. 3805 Pg. 166

END OF TOPOG.

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403 Los Angeles County Engineering Bldg.

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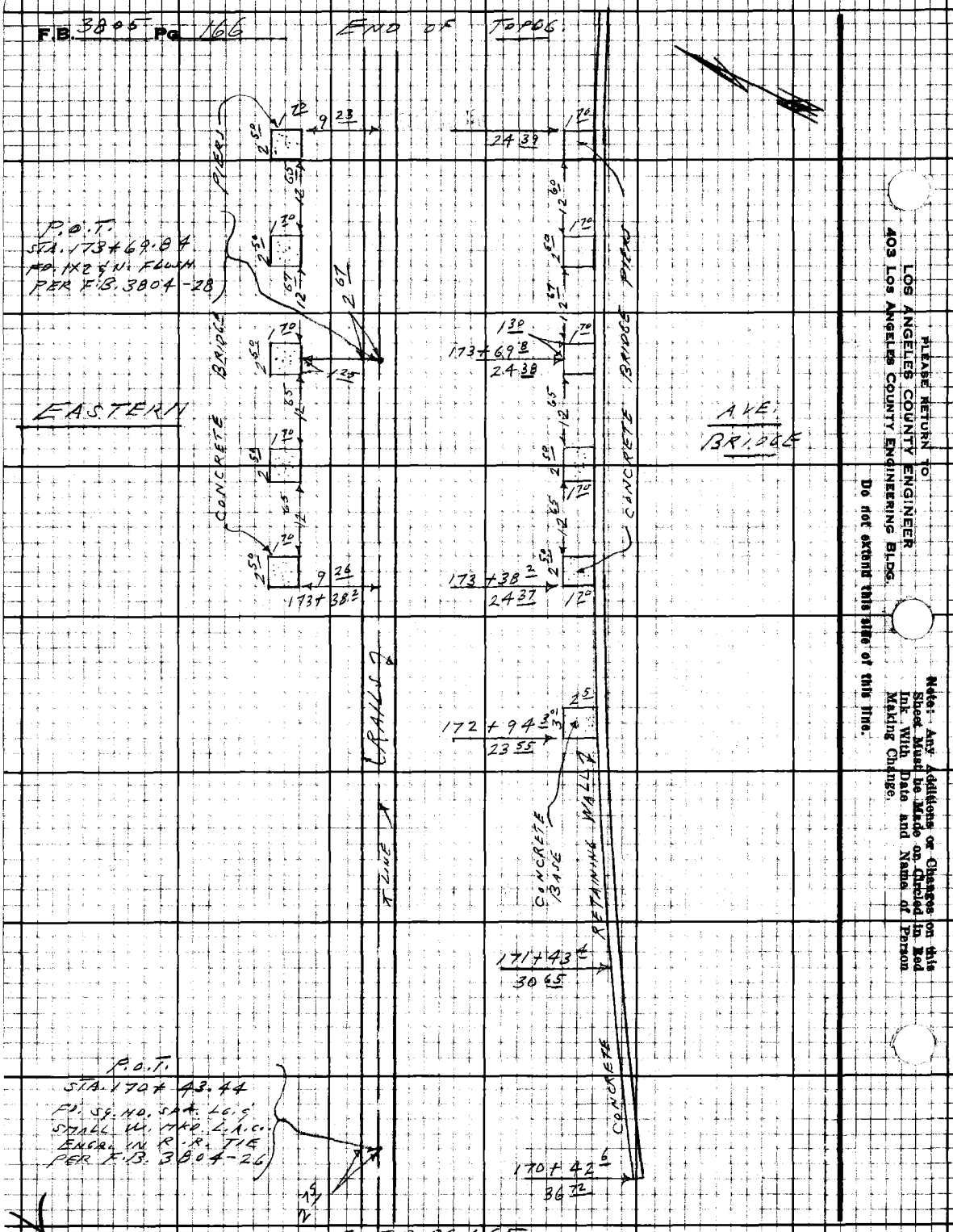
Note: Any Additions or Changes on this Sheet Must be Made on Check in Red Ink With Date and Name of Person Making Change.



Notes Ck'd by	Survey of RTD
Map No.	JN 22-7.00 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes W. Moodyman Date 12-10-69
Date	Indexed H.E. OTT Date 19

F.B. 3805 Pg. 167

RTD EXCLUSIVE
EXPRESS
BUSWAY
SAN GABRIEL
TRANPORTATION
CORRIDOR
J.N. 0809.00

TOPOGRAPHY FROM
E. END OF TUNNEL
AT
GIBSON ST.
TO
SANTA ANITA AVE.

PARTY
L.L. BROWN
W.A. MOODYMAN
C. DOMINGUEZ
L. FISHER

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76F308A CE#310 9-67

F.B. 3805 Pg 168

CONT BOT PG. 169

6' chain link fence

554+49.3
34.37

1.10

554+03.33

SPUR

554+00.0
6.56

554+00.0
6.43

554+00.0
34.28

553+88.6 #9 FROG
6.59

TRACK

CONC. RETAINING WALL

T LINE

S.P.R.R.

Switch

B.C. 553+16.4
6.48

553+17.3
0.67

1.10

4.73

553+05.6
34.40

Switch STAND

553+00.0
6.54

CONC. TUNNEL
E. END

552+72.5
1.06

1.85

CONT TOP PG 167

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403 Los Angeles County Engineering Bldg.

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

Survey of RTD
JN 80700 Tape Std °F
Surveyed by L. L. BROWN
Notes Moodyman Date 12-2-69
Indexed H. E. OLIE 19

F.B 3805 PG 169

CONT BOT PG 170

557+000.0
6.48

4.70

CONT. head Wall

556+55.4
42.93

1.0

30" V.C.P.

556+54.0 30" V.C. Pipe

30" V.C.P.

556+47.8 30" V.C. Pipe

556+43.2
43.05

1.0

556+00.0
6.51

4.70

556+00.0
88.8

T LINE

TRACK

S.P.R.R.

NO SURVEY

T LINE

6' Chain link fence

555+08.2
33.6

4.75

555+00.0
6.54

4.71

555+00.0
18.15

S.P.R.R.

4.70

CONT TOP PG. 168

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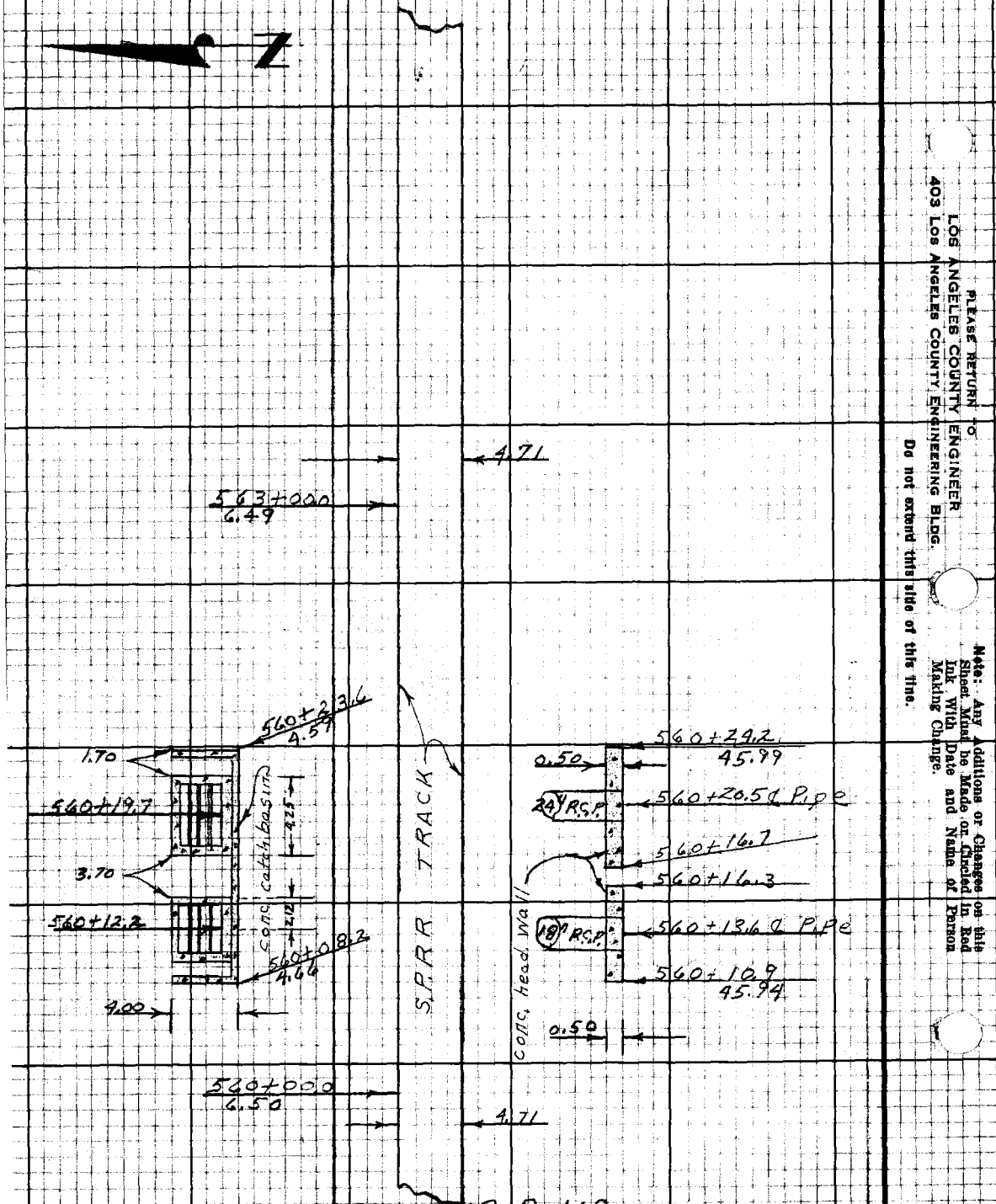
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7583088 CE#31D 9.67

F.B. 3805 Pg 170

CONT BOT PG 171



CONT TOP PG 169

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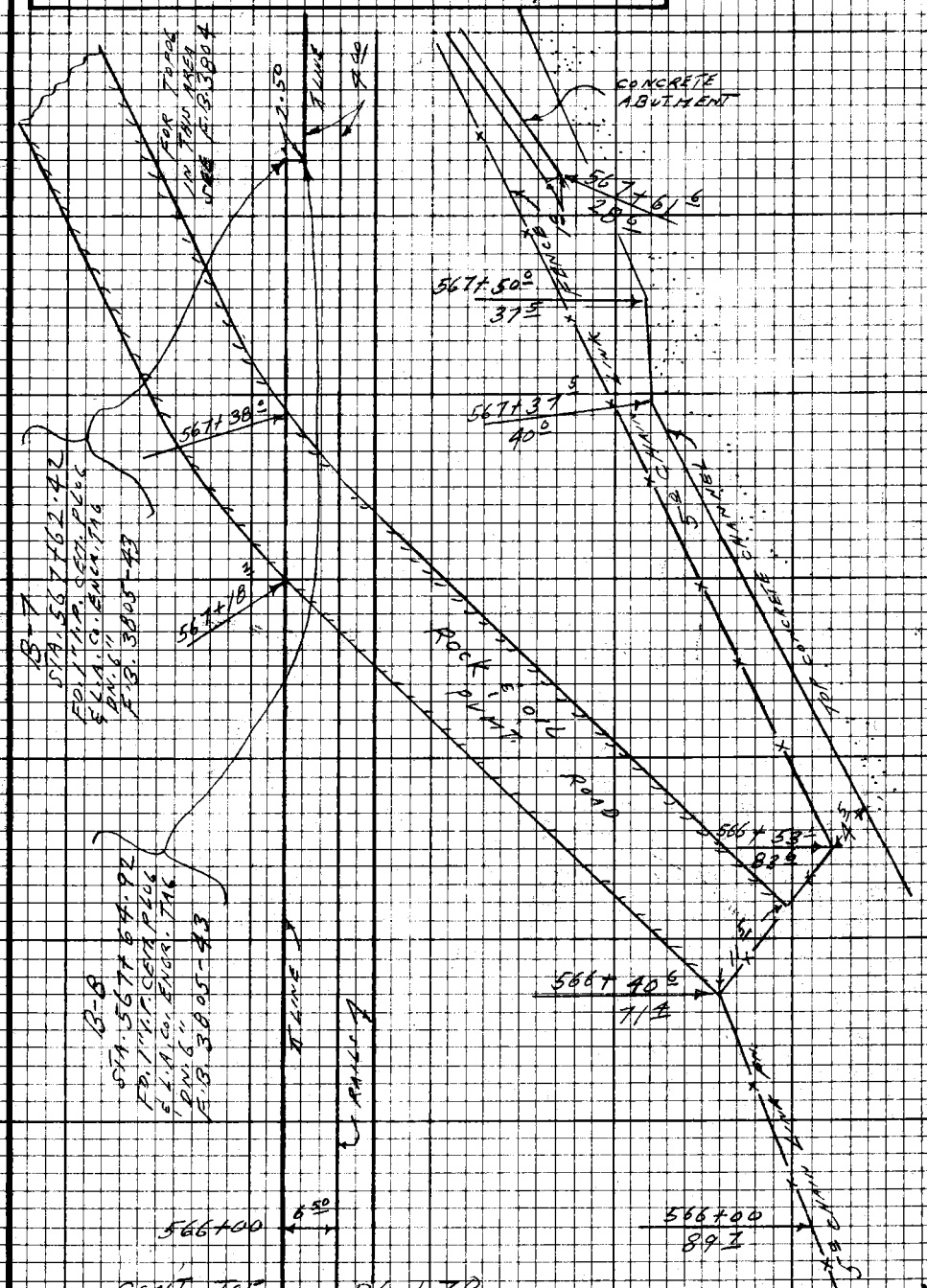
Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape Std. °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-12-69
Date	Indexed by E. [illegible]

F.B. 3805 Pg. 171



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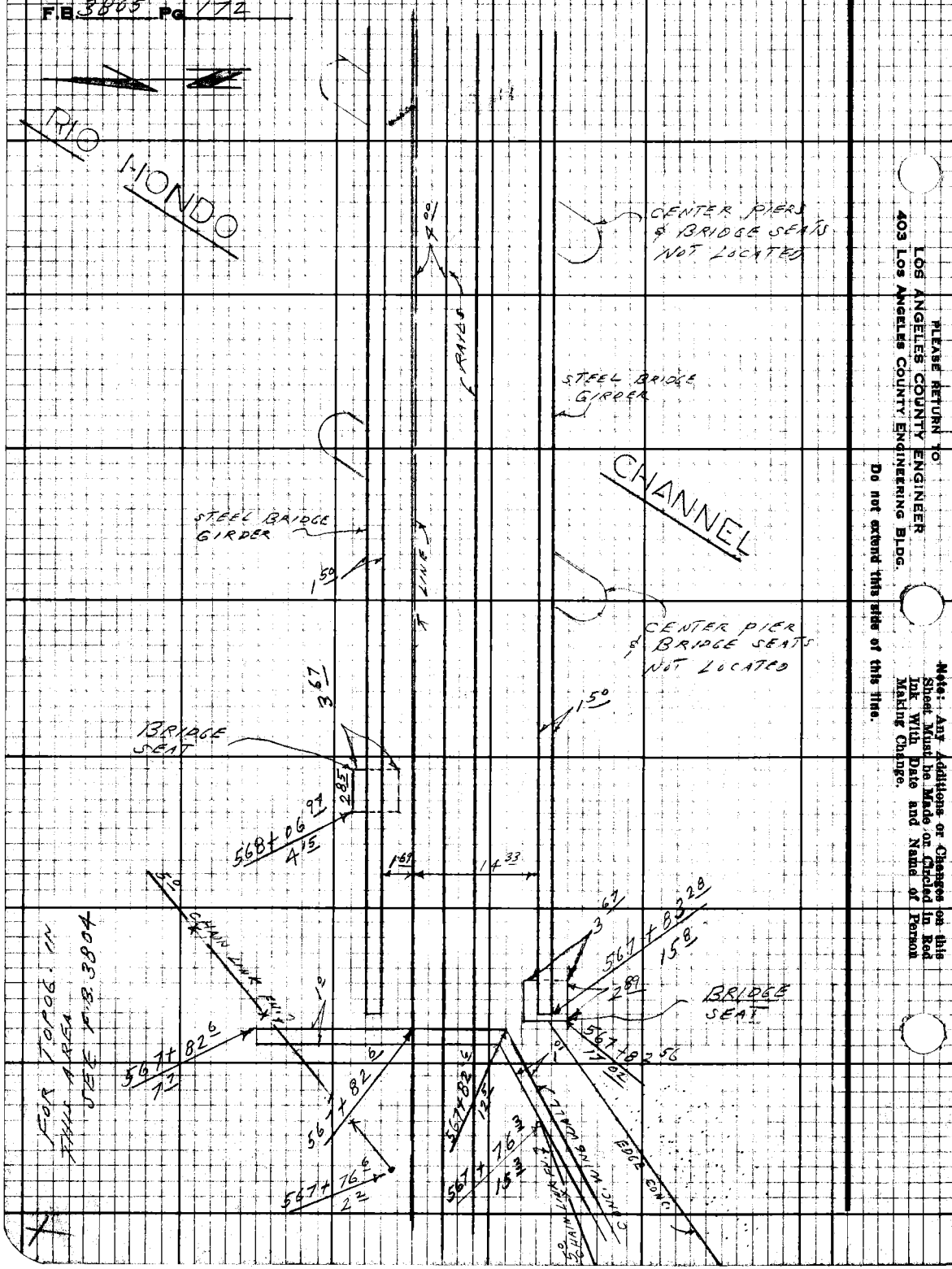
SEPARGE CO#310 9.67

F.B. 3805 Pg. 172



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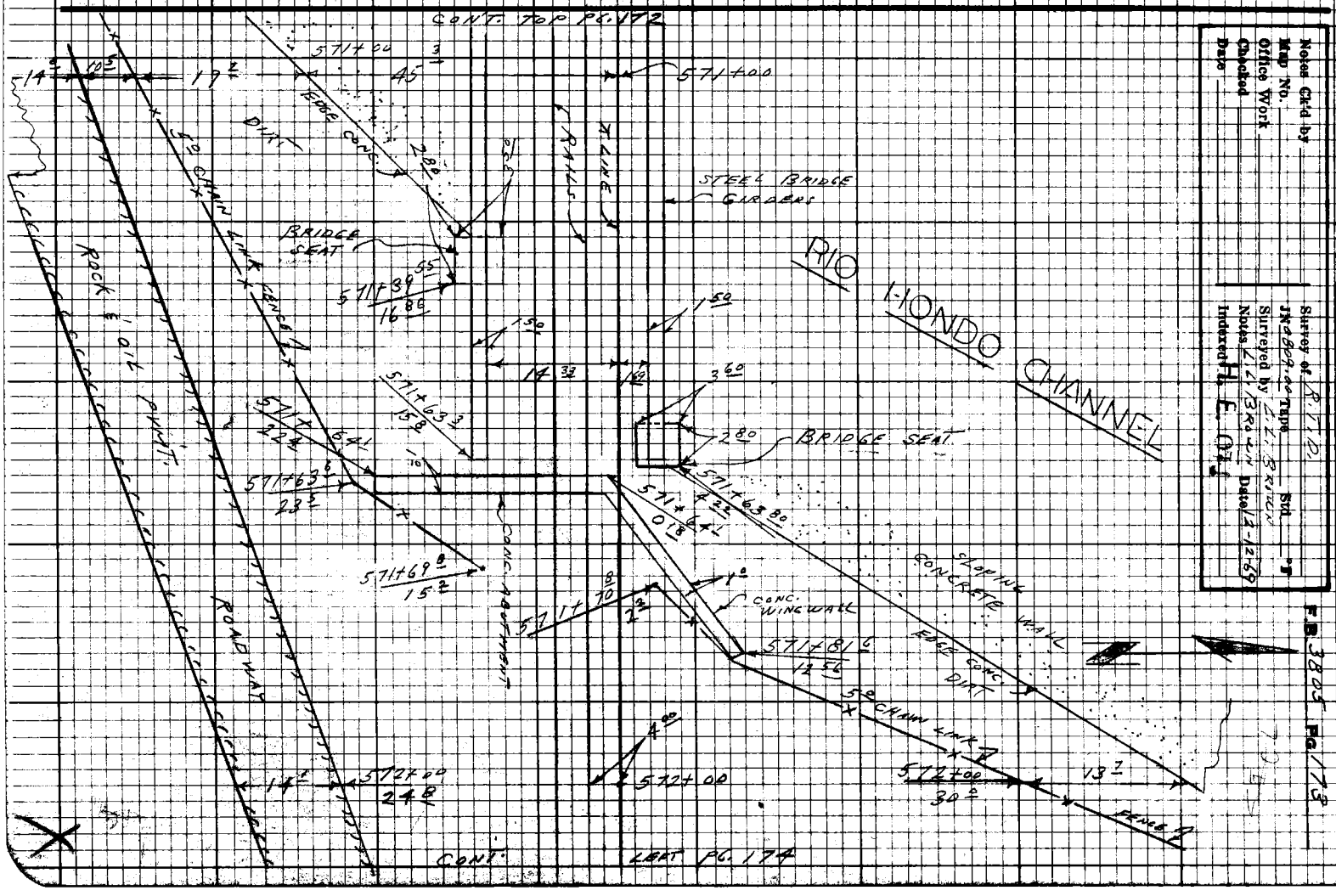

Notes Chkd by ____
Map No. ____
Office Work ____
Checked ____
Date ____

Survey of R.T.P.
JN 3804-06 Tape ____ Std ____
Surveyed by L.L. BRICKER
Notes L.L. BRICKER Date 12-12-69
Indexed H.E. Orf

F.B. 3805 Pg. 173

FB 3805 Pg 174

PL 175

CONT. BOTTOM

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

Survey of R.T.D.
JN 0809.00 Tape Std °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 12-12-69
Indexed

F.B. 3805 PG. 175

CONT. BOTTOM PG. 176

577400
26 4

6' CHAIN LINK FENCE

TUNNEL

CANYON

26°
573435 4

CONT. RIGHT PG. 174

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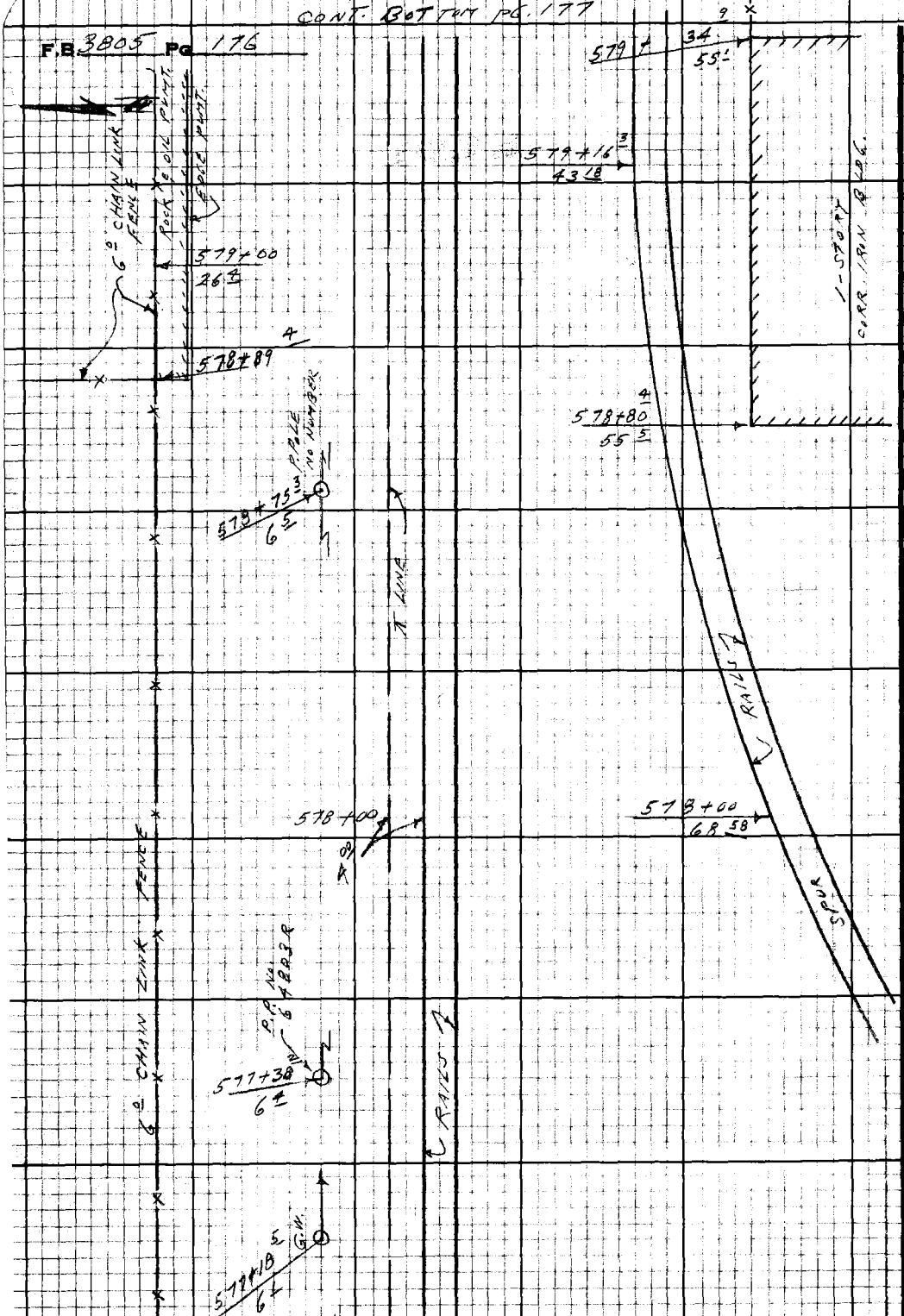
7684088 CE#310 R.67

CONT. BOTTOM PG. 177

F.B. 3805 PG. 176



CONT. TOP PG. 175

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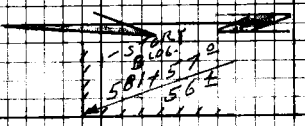
Office Work
Checked
Date

Survey of R.T.D.
JN 0809.00 Tape Std. °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 12-12-69
Indexed

F.B. 3805 Pg. 177



CONT. BOT. PG. 178

581+56
55±

P.P. NO. 64B06R

581+47.8
6.4

581+40.4
3.4

SWITCH HEAD

SWITCH

CONC. BLOCK WALL

CORR. IRON BLDG.

1-STORY

581+14.4
5.8

581+00
43.35

580+89.3
26.5

CHAIN LINK FENCE

TT LINE

RAILS

RAILS

6' CHAIN LINK FENCE

P.P. NO. 64B05R

580+71.1
6.1

CONT. TOP PG. 176

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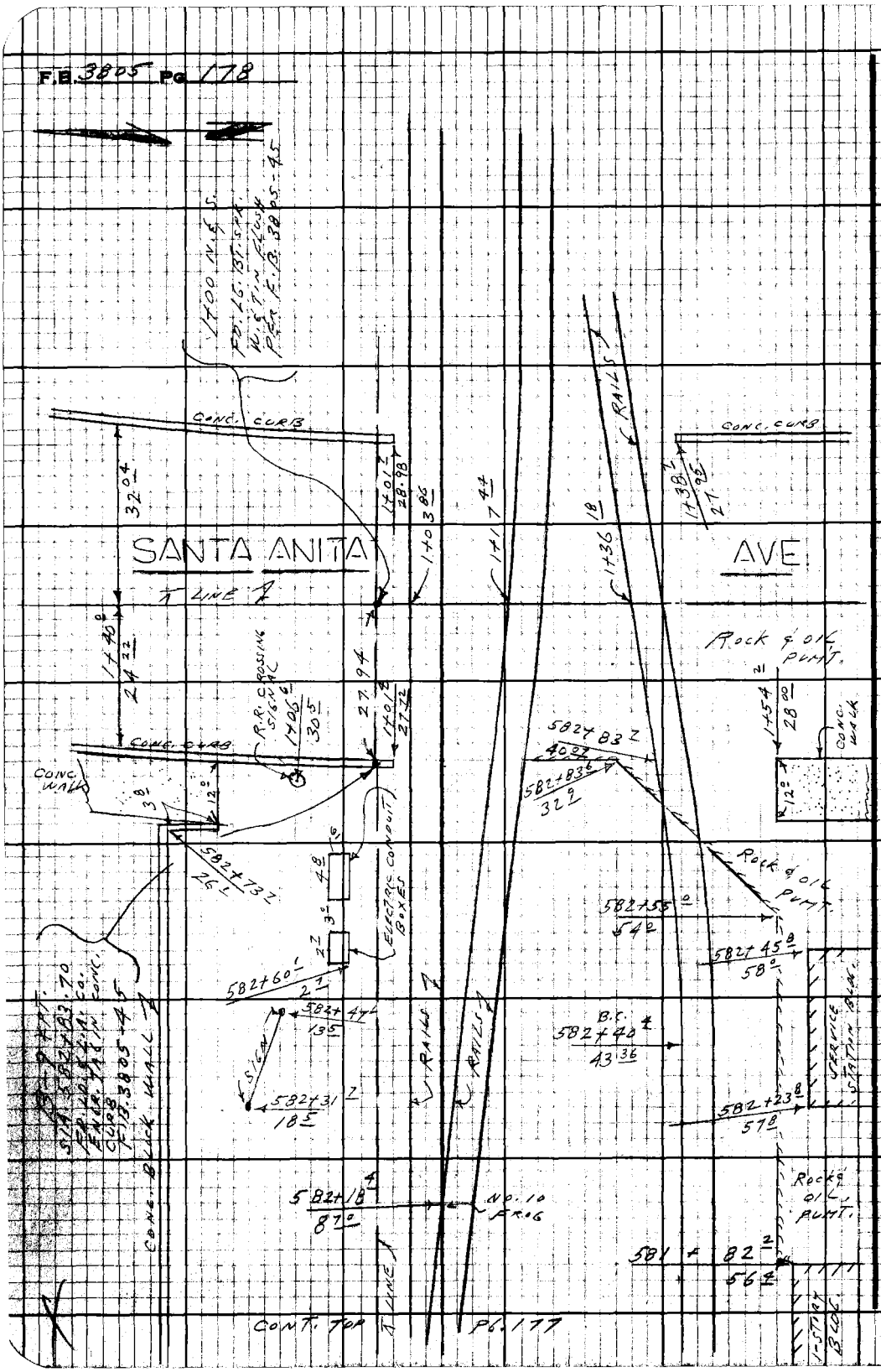
7693088 CE#310 9.67

F.B. 3805 PG. 178



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

F.B. 3805 Pg. 119

BLANK

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78FS098 CE#810 9-67

F.B. 3855 Pg. 100

Blank

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F.B. 3805 Pg. 181

Profile No.	Notes Red	Plotted	Job No. 0809 00	Division No.
	Date	Date	Survey of R.T.D.	
X-Sec. No.	Notes Chkd.	Checked	Survey by L.L. BROWN	Notes L.L.B. Date 12-15-69
	Date	Date	Map No.	Indexed H. E. OTT Date

R.T.D. EXCLUSIVE EXPRESS BUSWAY

SAN GABRIEL TRANSPORTATION CORRIDOR.

J.N.080900

CROSS SECTIONS FROM E. END OF TUNNEL AT GIBSON ST. EASTERLY TO SANTA ANITA AVE.

ELEV.

F.S.

PARTY
BROWN, L.L.
MOODYMAN, W.
DOMINGUEZ, C.
FISHER, L.

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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PLEASE RETURN TO
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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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F.B. 3805 PG. 182

Profile No. ____ Plotted ____ Date ____
X-Sec. No. ____ Checked ____ Date ____
Notes Red ____ Date ____
Notes Chkd. ____ Date ____
Division No. ____
Job No. 0809 00
Survey of R.T.D.
Survey by L.L. Brown Notes L.L.B.
Indexed ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
B.M. R-24				260 71	B.M. R-24 ELEV. 260.707 F.B. 3805-66	
					OLNEY ST. ℄ ROCKWELL AVE. 61' ± E. ℄ 108' ± S. of	
					℄ INT. BT. SPK. IN LD. IN TOP OF CONC. HEADWALL	
					16' S. of N. END.	
552+72 5				263 3		
				263 2		3° TOE BALLAST
				264 52		6 5 TOP RAIL
				262 9		17° TOE BALLAST
				262 9		34 ± GRD. @ EDGE TUNNEL
				263 4	1 06 GRD. @ EDGE TUNNEL	
				263 5	20° GRD.	
554+00				264 4		
				265 07		0 43 TOP RAIL SPUR LINE
				265 02		6 50 TOP RAIL MAIN LINE
				263 3		17° TOE BALLAST
				263 2		34 ± GRD. @ BOTTOM WALL
				263 3	5 5 TOE BALLAST	

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
554+00				2630	15° TOP BANK	
				2593	27° BOT. BANK	
				2581	44° BOT.	
555+08½				2636		33° ± OT. FENCE GRD.
556+00				2649		
				2649		2° TOE BALLAST
				2607		5° TOP BANK
				2645		16° TOE BALLAST
				2643		40° TOP BANK
				2636		54° BRK.
				2600		38° GRD. @ FENCE
				2636	60° GRD.	

Profile Notes Red ____ Plotted ____ Job No. 1802 00 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 12-15-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H.F.O. Date ____

F.B. 3805 Pg. 183

76-L-298 CE 307 5-66

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F. B. 3805 Pg. 184

Job No. 0809 00 Division No. Notes Red Plotted Profile
Date Date No.
Survey of R.T.D. Notes Chk'd. Checked X-Sec.
Survey by L.L. Brown Notes L.L.B. Date Date No.
Indexed Date

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
556+43 2				264 4		34 0 TOP BANK
				260 86		43 05 TOP CONC. HEADWALL
556+47 7				256 65	INV. 30" V.C. PIPE	43 2 30" V.C. DRAIN PIPE
556+51 0				256 55	INV. 30" V.C. PIPE	43 0 30" V.C. DRAIN PIPE
556+55 4				260 80		42 93 TOP CONC. HEADWALL
558+00				265 6		
				265 8		2 0 TOE BALLAST
				266 95		6 50 TOP BANK
				265 9		17 2 TOE BALLAST
				263 9		42 0 TOP BANK
				258 6		50 0 BOT. "
				258 6		75 0 BOT.
				264 3	25 0 GRD.	

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
				26 6 99	T.P.	
560+08 2				26 6 5		3 2 TOP
				26 4 59	4 66 TOP CONC. PERIMETER	
560+10 2				26 5 5		37 2 TOP BANK
				26 0 22		45 2 TOP CONC. PERIMETER
560+12 2				262 29	5 6 TOP GRATE C.B.	262.29 TOP GRATE
				258 29	5 6 INV. C.B.	− 4.00
						INV. 258.29
560+13 6				257 30	INV. 18" R.C.P. DRAIN PIPE	45 2 18" R.C.P. DRAIN
560+19 2				262 29	5 6 TOP GRATE C.B.	262.29 TOP GRATE
				258 09	5 6 INV. C.B.	− 4.20
						INV. = 258.09

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0809 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Date ____ Survey of R.T.D.
Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by L.L. BROWN Notes L.L.B. Date 12-15-69
Map No. ____ Indexed H. E. Q. Date ____

F. B. 3805 PG. 185

76-L-298 CE 307 5-66

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F. B. 3805 PG. 186 | Job No. 0809 00 | Division No. | Notes Red | Plotted | Profile No.
Survey of R.T.D. | Date | Date | X-Sec. No.
Survey by L.L. Brown | Notes L.L.B. | Notes Chk'd. | Checked
Indexed | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
560+20.5				257 08	INL. 24" R.C.P. DRAIN	45.2 24" R.C.P. DRAIN
560+23.6				264 54	4.5 TOP CONC. HEADWALL	
560+24.2				26 0 66		45.2 TOP CONC. HEADWALL
561+00				266 2		
				267 2		2 TOE BALLAST
				268 30		6.5 TOP RAIL
				266 8		16 TOE BALLAST
				266 2		35 BRK.
				265 2		43 TOP BANK
				260 4		50 BOT. "
				259 0		75 BOT.
				264 8	7 TOE SLOPE	
				264 5	20 GRD.	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
563+00				2682		
				2684		2° TOE BALLAST
				26986		6.5° TOP RAIL
				2684		16.5 TOE BALLAST
				2666		50° TOP BANK
				2621		58° BOT. "
				2606		78° BOT.
				2680	4° TOP BANK	
				2654	10° BOT. "	
				2650	20° BOT.	
			⊙	26948	T.P.	
564+35°				2669		65.5 TOP BANK
				2618		82.5 BOT. "
				2597		100° BOT.

Profile Notes Red ____ Plotted ____ Job No. 0809 Division No. ____
No. ____ Date ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 12-15-69
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. Ott Date ____

F.B. 3805 PG. 187

76-L-298 CE 307 5-66

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F. B. 3805 PG. 188

Job No. 0809 00 Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey of R.T.D. Date ____ Date ____ X-Sec. No. ____

Survey by L.L. Brown Notes L.L.B. Notes Chk'd. ____ Checked ____

Indexed ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
565+00				2703		⊥
				2704		2° TOE BALLAST
				271 74		6 5° TOP RAIL
				2703		17° TOE BALLAST
				2680		50° GRD.
				2657		100° GRD.
				2704	6° TOP BANK	
				2668	15° BOT. BANK	
				2665	30° BOT.	
566+00				2713		⊥
				2715		2° TOE BALLAST
				272 65		6 5° TOP RAIL
				2714		17° TOE BALLAST
				2688		50° GRD.
				2668		89 2 GRD. @ FENCE
				2712	5° TOP BANK	
					NOTE: FOR BOTTOM SHOTS SEE F.B. 3804	

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
566+40.6				26.76		71.4 PVMT. & FENCE & PT.
566+53.4				26.72		83.6 GRD. & FENCE & PT.
567+00				27.23		T
				27.23		2.3 TOE BALLAST
				27.317		6.50 TOP RAIL
				27.27		13.5 TOE BALLAST
				27.28		17.5 BRK.
				27.330		19.5 EDGE MAC. ROADWAY
				27.271		35.0 " " " TOP
				26.80		49.0 BOT. BRK
				26.78		61.5 TOP CONC. OPENING WALL
				27.22	6.0 TOP BRK	
					NOT AT THE BOTTOM SAME	SEE F.B. 3804
567+18.2				27.324		T EDGE MAC. ROADWAY
567+38.0				27.324		T EDGE MAC. ROADWAY

Profile Notes Red ____ Plotted ____ Job No. 0609 Division No. 00
No. ____ Date ____ Date ____ Survey of P.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. BRUN Notes L.C.B. Date 12-15-68
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OH Date [redacted]

F.B. 3805 PG. 189

76-L-298 CE 307 5-66

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F. B. 3805 PG. 190

Job No. 0809 Division No. 20 Notes Red ____ Date ____ Plotted ____ Date ____ Profile No. ____

Survey of R.T.D. Notes Chk'd. ____ Date ____ Checked ____ Date ____ X-Sec. No. ____

Survey by L.L. BROWN Notes L.L.B. Date ____ Indexed ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
567+61 6				271.20		18 5 TOP BANK
				267.8		28 6 BOT. BANK (END CONC. WALL)
567+82 56				266.88		17 02 BRIDGE SEAT
567+82 58				272.63		12 5 TOP CONC. ABUTMENT
567+82 62				272.63		7 TOP CONC. ABUTMENT
				273.52		4 20 TOP RAIL
568+06 97				266.91	4 15 BRIDGE SEAT	
B.M. R-25				271.96	BM. R-25 EL. 271.959 F.B. CHANNEL & S.P.R.R. BRIDGE CONC. ABUTMENT 7 2' N. OF N. RAIL B.M. 057.003350	3805-67 RIO HONDO W. END BRASS DISC. IN DISC. IS MKD.

76-L-298 CE 307 2-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
B.M. R-26				272 02	B.M. R-26 ELEV. F.B. 3805-67 S.P.R.R. BRIDGE E. END IN CONC. ABUTMENT 8' N.	RIO HONDO CHANNEL & PHILLIPS HEAD SCREW IN LD. OF N. RAIL
571+00				267 86		45^{3} TOP CONC. CHANNEL WALL
				268 2		64^{5} GRD. @ FENCE
				269 18		75^{0} EDGE PVMT. ROADWAY
				268 91		89^{0} " " "
$571+39^{55}$				266 99		16^{86} BRIDGE SEAT
$571+63^{80}$				266 99	4^{22} BRIDGE SEAT	
571+64'				272 69		0^{18} TOP CONC. ABUTMENT
				273 67		4^{0} TOP RAIL
				272 05		15^{0} TOP CONC. ABUTMENT
				268 7		22^{4} GRD. @ END ABUTMENT

Profile Notes Red ____ Plotted ____ Job No. 0809 00 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of R.T.D.
No. ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 12-16-69
Date ____ Date ____ Map No. ____ Indexed H. E. OLT Date ____

F.B. 3805 Pg. 191

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
571+81.6				267.5	12.56 GRD. @ END CONC. ABUTMENT	
571+81.5				272.4		17.0 BRK.
572+00				272.8		
				273.62		4.0 TOP RAIL
				273.0		12.0 TOE BALLAST
				273.34		24.8 EDGE PVMT. ROAD
				273.10		38.9 " " "
				272.7		46.0 TOP BANK
				265.1		76.0 BOT. "
				262.1		100.0 BOT.
				271.8	7.0 TOP BANK	
				267.5	16.0 BOT. "	
				266.1	30.0 GRD. @ FENCE	
				265.91	43.7 TOP CONC. CHANNEL WALL	

F.B. 3805 PG. 192

Profile No. ____ Plotted ____ Date ____ Checked ____ Date ____
X-Sec. No. ____ Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Job No. 0809 Division No. 20
Survey of R.T.D.
Survey by L.L. BROWN Notes L.L.B.
Indexed ____ Date ____

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
572+52.5				273.60		T
				273.51		12.5 EDGE PAVM'T. RIM
				275.0		13.0 BRK.
				272.7		20.0 TOP BANK
				264.7		53.0 BOT. BANK
				261.[illegible]		105.0 BOT.
				273.51	5.0 EDGE PAVM'T	
				273.3	10.0 TOP BANK	
				267.7	25.0 BOT. BANK	
				266.5	50.0 BOT.	
				266.3	82.6 GRD. @ FENCE	
572+58.5				267.9	30.0 BOT.	
572+70.0				272.79	30.0 EDGE PAVM'T. TOP ROADWAY	

Profile Notes Red ____ Plotted ____ Job No. 4502.0 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 12-16-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3805 PG. 193

76-L-298 CE 307 5-66

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F. B. 3805 PG. 194 Job No. 0809 Division No. 22 Notes Red ____ Plotted ____ Profile No. ____
Survey of R.T.D. Date ____ Date ____ X-Sec. No. ____
Survey by L.L. BRAUN Notes L.L.B. Notes Chk'd. ____ Checked ____
Indexed ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
572+73.0				272.9		T
				271.9		20.0 TOP BANK
				264.4		39.0 BOT. "
				262.0		100.0 BOT.
572+84.5				272.70	22.5 EDGE PVMT. TOP ROADWAY	
573+00				272.5		T
				273.55		4.00 TOP BANK
				271.6	5.0 TOP BANK	
				274.6	23.0 BOT. "	
573+35.4				274.2	18.0 BOT. BANK	
				273.5	26.0 BOT. @ FENCE COR.	
				273.30	T.P.	

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
574+00				2726		T
				2732		4° TOP RAIL
				2719		18° TOP BANK
				2662		37° BOT. "
				2635		61° BOT. BK.
				2642		81° BOT. "
				2662		100° BOT. "
				2724	4° TOP BANK	
				2640	17° BOT. "	
				2642	26° GRD. @ FENCE	
574+21°				2706		25° TOP BANK
				2653		43° BOT. "
				2650		63° "
574+45°				2714		23° TOP BANK
				2703		35° TOP BANK
				2697		50° BOT. "
				2714		70° GRD.
				2703		100° GRD.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0809 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Date ____ Survey of R.T.D.
Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 12-16-69
Date ____ Date ____ Map No. ____ Indexed H.E. Ott Date ____

F.B. 3805 Pg. 195

76-L-298 CE 307 2-63

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F.B. 3805 PG. 196

Survey of R.T.D. Profile No. X-Sec. No.
Survey by L.L. Brown Notes L.L.B. Plotted Date Checked Date
Indexed Date Notes Red Date Notes Chkd. Date
Job No. 0809 00 Division No.

STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
			0	273.93	T.P.	
576+00				273.1		⊥
				274.46		4.0 TOP RAIL
				272.9		15.0 TOE BALLAST
				272.1		50.0 GRD.
				272.9		100.0 GRD.
				272.7	4.0 TOP BANK	
				266.4	15.0 BOT. "	
				266.0	26.0 GRD. @ FENCE	
T.B.M. No. 2				275.86	T.B.M. No. 2 ELEV. 275.864 W. OF SANTA ANITA AVE., IN P.P. No. 64803R	F.B. 3805-68 573'± 9.8 N. OF N. RAIL BT. SPK.
578+00				274.2		⊥ TOE BALLAST
				275.52		4.0 TOP RAIL
				274.3		14.0 TOE BALLAST
				274.7		36.0 GRD.
				276.18		68.58 TOP RAIL

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D. LEFT	ROUTE RIGHT
578+00				2739	4° TOP BANK	
				2675	14° BOT. "	
				2676	26 2 BOT. @ FENCE	
578+49°				2741	5° TOP BANK	
				2681	17 5 BOT. "	
				2686	26 2 [illegible] FENCE	
578 +80 4				2759		55 5 GRD. @ COR. BLDG.
578+89 4				2745	14° GRD.	
				2746	20° GRD.	
				2754	26° BOT. BANK	
				2773 23	26 2 TOP BANK [illegible]	
581+00				2759		
				2769 6		4 00 TOP RAIL
				2763		13° TOE BALLAST
				2757		40° " "
				2762 5		43 35 TOP RAIL
				2758		54 8 GRD

Profile Notes Red. ____ Plotted ____ Job No. 0809 Division No. 00
No. X-Sec. ____ Date ____ Date ____ Survey of R.T.D.
No. ____ Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 12-16-58
Date ____ Date ____ Map No. ____ Indexed H. E. Ott Date ____

F.B. 3805 Pg. 197

76-L-298 CE 307 2-63

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F.B. 3805 PG. 198

Job No. 0809 00 Division No. Notes Red Plotted Profile
Survey of R.T.D. Date Date No. X-Sec.
Survey by L.L. Brown Notes L.L.B. Notes Chkd. Checked No.
Indexed Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D.	ROUTE
					LEFT	RIGHT
581+00				27555	3° GRD.	
				27552	14° "	
				27556	21° BOT. BANK	
				27761	26 5 TOP BANK PVMT.	
			⊙	27657	T.P.	
582+00				27688		
				27725		4 00 TOP RAIL
				27688		24° GRD.
				27661		40° TOE BALLAST
				27666		43 36 TOP RAIL
				27664		57° GRD.
				27663	4° GRD.	
				27660	10 5 GRD.	
				27662	20° TOE MAC. SLOPE	
				27778	26 2 BOT. WALL	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	SANTA ANITA AVE.	
					LEFT ℄ WEST	RIGHT ℄ EAST
B.M. R-27				276 77	B.M. R-27 ELEV. 276.770	F.B. 3805-68 SANTA ANITA
					AVE. ℄ S.P.R.R. TRACKS W.	SIDE OF SANTA ANITA AVE
					BT. SPK. IN LD. IN CONC.	CURB 44.8' N. OF N. RAIL
1+00				277 79		X
1+20				276 90		X
				276 08		32.24 GUT.
				276 77		32.24 T.C.
				276 11	24.22 GUT.	
				276 81	24.22 T.C.	
END OF X-SECTIONS GOING NORTH ON SANTA ANITA AVE.						

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2809-00 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Date ____ Survey of R.T.D.
Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by L.L. Brown Notes L.L.S. Date 12-16-68
Map No. ____ Indexed H. E. Ott Date ____ Date 12-19-68

F.B. 3805 PG. 199

76-L-298 CE 307 5-66

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F. B. 3805 PG. 200 | Job No. 0809 00 Division No. | Notes Red | Plotted | Profile No.
Survey of R.T.D. | Date | Date | X-Sec. No.
Survey by L.L. Brown Notes L.L.B. | Notes Chk'd. | Checked
Indexed | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	SANTA ANITA AVE	
					LEFT ℄ EAST	RIGHT ℄ WEST
B.M.R-27				276 77		
BEGIN X-SECTIONS GOING SOUTH ON SANTA ANITA AVE						
1+01 4				277 68		27 72 T.C. NO GUT.
1+01 7				277 71	28 98 T.C. NO GUT.	
1+03 86				277 80		⊼ TOP RAIL
1+17 44				277 91		⊼ TOP RAIL
1+36 18				277 66		⊼ TOP RAIL
1+38 1				277 67		⊼
				277 93	27 95 T.C. NO GUT.	
1+54 2				277 66		⊼
				277 50		28 00 T.C. NO GUT.
				277 72		40° BACK WALK
	END					

Profile No.	Notes Red	Plotted	Job No. 0809.00	Division No.	F.B. 3805 Pg. 201
	Date	Date	Survey of R.T.D		
X-Sec. No.	Notes Chkd.	Checked	Survey by L.L. Brown	Notes W.A.M.	Date 12-17-69
	Date	Date	Map No.	Indexed H. E. OLD	Date 19

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76-L-298 CE 307 2-63

R.T.D. EXPRESS BUSWAY

SAN GABRIEL
J.N. 0809.00

RANDOM CROSS SECTIONS
CONTOUR for CHECKING
STATE of TOPOGRAPHIC MAPS
SOTO ST. from TO EASTERN AVE

PARTY

L. BROWN
W. MOODYMAN
C. DOMINGUEZ
L. FISHER

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

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D.	Route
B.M.E-17				356.82	B.M. E-17, Elev 356.822 F.B. 3804-83 S.P.R.R. R/W @ Romona Housing AREA Ped. overcrossing (Evergreen Ave) Rd. Hd. Nail in lead in conc. ftr (sic) Ely side Conc, Pier Conc, Pier @ Sly edge Exist Rails	
					Left	Right
105+00				356.4		Ground
				356.94	4.67 Top N. Rail	
				356.3	7' Ground	
				356.3		3' Bot ballast
						18' Ground
						39' "
						75.8 " @ fence
B.M E-17				356.82	See above description	

F.B. 3805 PG. 262
Survey of R.T.D.
Survey by L.L.B.
Indexed
Notes W. Macdymott
Job No. 080880
Division No.
Date
Notes Red
Date
Notes Chkd.
Date
Plotted
Date
Checked
Date
No.
Profile
No.
X-Sec.
No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	Route
B.M. E-18				365.76	B.M. E-18. Elev 365.763 F.B. 3804-84. S.P.R/W-N'ly side @ Indiana Ave Prod. Fd. L.A.Co. ENGR. TAG in W'ly end conc. hd. Wall 21.5 N'ly of N. Rail.	
					Left	Right
112+09.9				366.4		Ground
				366.3		6' " edge ballast
				366.3		14' "
				366.5		26' "
				366.2		39' " Top
				364.8		48.5 " @ fence
				367.05	2.40 Top rail	
				366.5	5' Top ballast	
				366.2	7' Bot ballast	
B.M. E-18				365.76	See above descrip.	

Profile No. ____ X-Sec. ____ Notes Red ____ Date ____ Notes Chkd. ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____ Job No. 0809 CC Division No. ____ Survey of R.T.D. Survey by L.L. Brewin Notes W.A.N. Date 12-17-69 Map No. ____ Indexed H. E. O'L Date DEC 19 68

F.B. 3805 Pg. 203

76-L-298 CE 307 2-63

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F.B. 3805 PG. 204 Job No. 0809.00 Division No. Notes Red. Plotted Profile
Survey of R.T.D. Date Date No. X-Sec.
Survey by L.L.B. Notes W. Moodyman Notes Chkd. Checked
Indexed Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D.	ROUTE
B.M. E-21				392.59	"B.M. E-21, ELEV 392.592 FB.380A-86 S.P. R/W @ overcrossing. A set sm. bt. spk, in lead in N'ly side 42" conc. Pier, 30' 5'ly of South rail,	
					Left	Right
128+00				389.0		Ground
				389.0		1' "
				388.5		4' "
				389.0		10' "
				388.7		23 " bot bank
				391.1		30' " Top "
				391.8		34' " fence
				389.46	5.73 Top rail	
				388.7	9' Ground Toe ballast	
				387.8	16' " bot	
				388.3	20' " brk & bot bank	
				392.7	27' " Top bank	
				393.4	32' " brk.	
B.M. E-21				392.59	see above description	

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
B.M. E-23				403 60	B.M. E-23, Elev 403.602, F.B. 3804-88 Bonnie Beach Place @ S. P. R/W. "A Set Sm. bt. spk in lead. in S'ly edge of ctr. conc. Elec. Vault & flush with ground W'ly side Bonnie Beach Pl. 100± N R.R. P/L	
					Left	Right
142+ 81.3				4002		
				3998		9' Toe ballast
				4004		18' ToP brk
				3994		25' boT "
				4036		37' ToP "
				4036		39.5' Ground @ fence
				4006.5	2.35 Top rail	
				4001	5' ToP ballast	
				399.5	9' bot "	
				399.5	13' bot bank	
				408 5	24' ToP "	
B.M. E-23				403 60	see above description	

Profile Notes Red ____ Plotted ____ Job No. 2809 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 12-17-69
No. ____ Date ____ Date ____ Map No. ____ Indexed F. C. Date ____

F. B. 3805 Pg. 205

76-L-298 CE 307 2-63

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F. B. 3805 PG. 206
Survey of R.T.D. Job No. 0802.00 Division No.
Survey by L.H.B. Notes W. Meadymian Notes Red Plotted Profile
Indexed Date Date Date Notes Chkd. Checked X-Sec.
Date Date Date No. No. No.

STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D.	ROUTE
B.M. E-25				408.12	B.M. E-25 ELEV 408.117 F.B. 3804-90 S.P. R/W @ Prod Miller St. "A Fd. L&TK. Top conc. Ped. undercrossing 6.5'± N'ly North rail	
					LEFT	Right
158+00				408.7		ground
				408.4		6' Toe ballast
				408.2		18' Ground Top BK
				408.1		29' " bot BK
				408.1		47' " @ fence
				409.34	2.92 To Rail	
				408.5	9' Toe ballast	
				408.5	11' Ground Top BK	
				403.0	25' " Bot BK	
B.M. E-25				408.12	See above description	

70-1-296 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	R.T.D	ROUTE
B.M.E-26				411 76	B.M.E-26, Elev 411.757 FB 3804-90 S.P. R/W N'ly side @ P/L A Set Bt. spk in P.P. #103253E (SIG)	
					LEFT	RIGHT
163+00				412 1		
				411 9		5' Toe ballast
				411 7		8' Ground
				412 3		19. Top BK
				411 2		25. Bot "
				413 9		39. Top BK
				414 3		48 Ground @ fence
				412 56	2.95 Top rail	
				411 8	5' Top ballast	
				410 2	11 Bot ballast	
				409 9	14.5 Bot BK	
B.M.E-26				411 76	see above description	

Profile Notes Red ____ Plotted ____ Job No. 0809.00 Division No. ____ F.B. 3805 Pg. 207
No. ____ X-Sec. ____ Date ____ Date ____ Survey of R.T.D.
No. ____ Notes Clkd. ____ Checked ____ Survey by L.L. Brewer Notes W.M. Date 12-18-69
Date ____ Date ____ Map No. ____ Indexed H. E. Ott Date FEB 19 69

F.B. 3805 Pg. 208 Job No. 0869.00 Division No. Notes Red Plotted Profile
Survey of R.T.D. Date Date No.
Survey by L.L. Brown Notes W. Maedyma Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

415.04

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STATION	B.S.	H.I.	F.S.	ELEV.	R.T.D	ROUTE
B.M.E-27				416.77	B.M.E-27 Elev 416.77 72, FB 3804-90	
					S.P. R/W N'ly. side @ P/L A set Bt. Spk	
					in P.P.# 1032530 E	
					LEFT	RIGHT
170+42				416.3		
				416.5		A Toe Ballast
				416.0		3 Ground
				[illegible]		13.5 "
				[illegible]		20 " ToP
				[illegible]		22 " BoT
				425.[illegible]		36.7 " To P @ fence
				[illegible]	2.5' To P rail	
				416.3	5 Toe ballast	
				[illegible]	9 Ground BoT	
B.M.E-27					See above description	

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

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

F.B. _____ Pg. _____

F.B._____ Pg_____