Ck'd by

Work

Survey of

JN Tape Std °F

Surveyed by

Notes Date

Indexed

F.B. 2389 Pg.

Job	Description
	LAKE HUGHES BOYS CAMP - 8410.02
Loc. Imp.	Loc. & grades of electric underground conduits.
Loc. Imp.	Loc. & grades of roads & curbs.
00 Bdry.	Bdry. property & section lines Sec. 33, T7N R15W.
5 Bdry.	Prop. lines in along E. bdry. in Sec. 33, T7N R15W.
8 B.M.	Bench level circuit for Pump Base of Wells #1 & #2 and at tank site.
Loc.	Loc. of old well in Sec. 33, So. of Elizabeth Lake Cyn. Rd.
	MUNTZ-MENDENHALL BOYS CAMP SEWER TREATMENT PLANT-9609.07
0 Imp.	P-line & improvements
0 X-sec.	X-sections.
+ Loc. Imp.	Loc. of Manholes.
6 B.M.	Bench levels & profiles.
	LAKE HUGHES REHABILITATION CENTER GARAGE ALTERATIONS J.N. 0060.09
0 Index	
	Grade stakes for 8" V.C.P. sewer line
	Grade stakes for 6" V.C.P. sewer line
2 B.M.	Bench levels for Topo.

Microfilmed Jan 86

over

F.B. 2389 Pg.

Page	Job	Description
173-178	Topo.	control for Suppression Camp #7
179-182	B.M.	Bench level

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Map No.	JN 84102 Tape 152 Std 85 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 5-58
Date	Indexed C. Johnson 7-28-58

F. B. 2389 PG. 5

LAKE HUGHES

BOYS CAMP

JN 84102

LOCATED AT 42222 ELIZABETH CN.
RD. 3 MILES WEST OF LAKE HUGHES
. IN SECTION 33 T.7.N. R.15.W.

PARTY

R.C. DALE
C.H. MORRISON
B.A. PEAVY
R.M. ELLER

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76F3098 SAE #247 1-56

F. B. 2389 Pg. 6

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47-60	Roads & Curbs
61-100	Property Lines. Subdivision of Sec. 33 T.1N. R.15W.

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Map No.	JN 8410.02 Tape 134 Std 84 °F	
Office Work	Surveyed by R.C. Dale	
Checked	Notes R.C. Dale Date 5-58	
Date	Indexed C. Johnson	

LAKE HUGHES BOYS CAMP

JN 8410.02

ELECTRICAL UNDERGROUND

PARTY

L.V. Smith
C.V. Crow
V.L. Huckaby
I.F. Tretteen
B.L. Carlander
R.C. Dale
C.H. Morrison
B.A. Peavy
R.M. Eller

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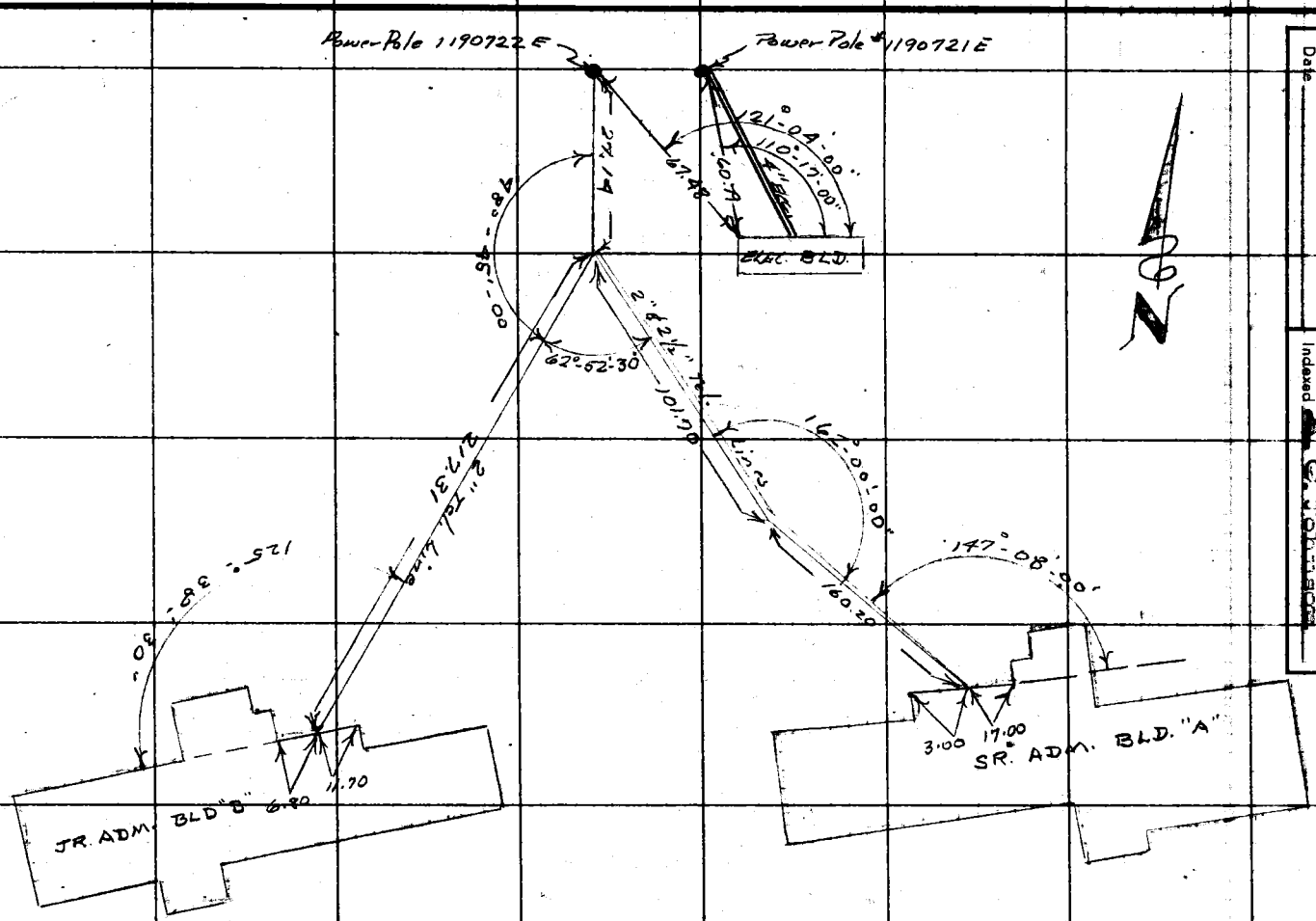

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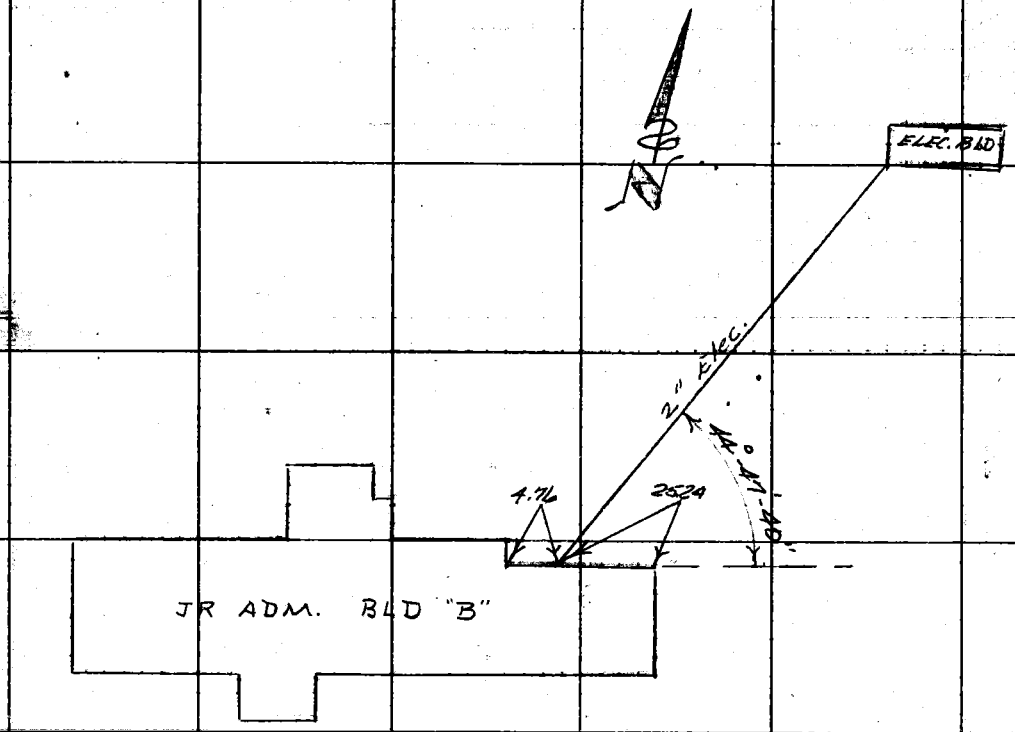
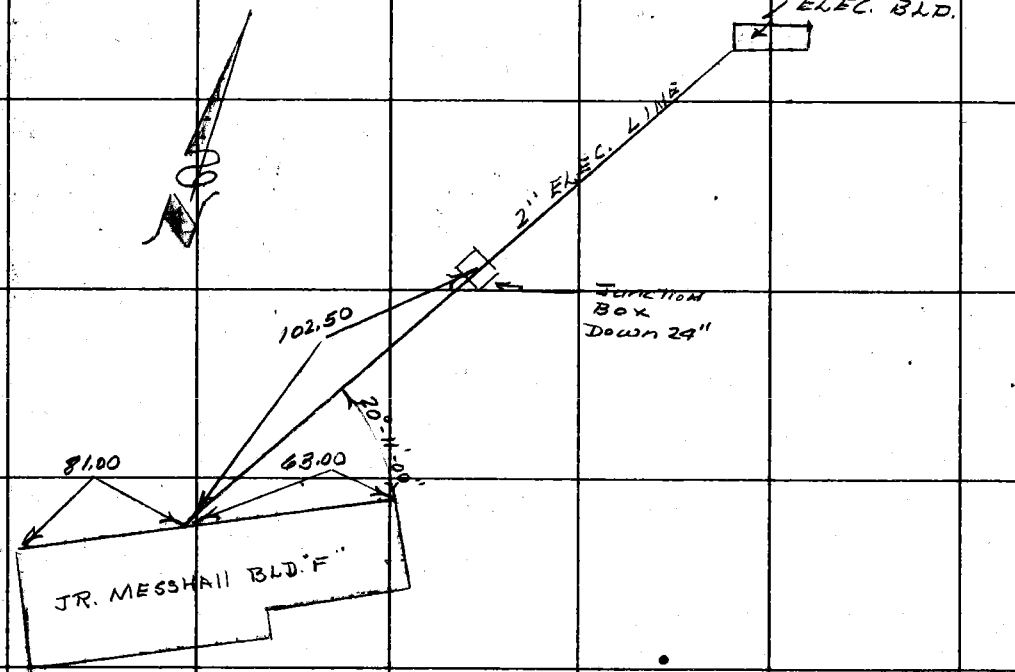
Date

Survey of Lake Hughes Boys Camp
JN 8410 Tape 134 Std 52 °F
Surveyed by R.C.D. Date 6-58
Notes
Indexed

F. B. 2389 PG. 9

F. B. 2389 Pg. 10





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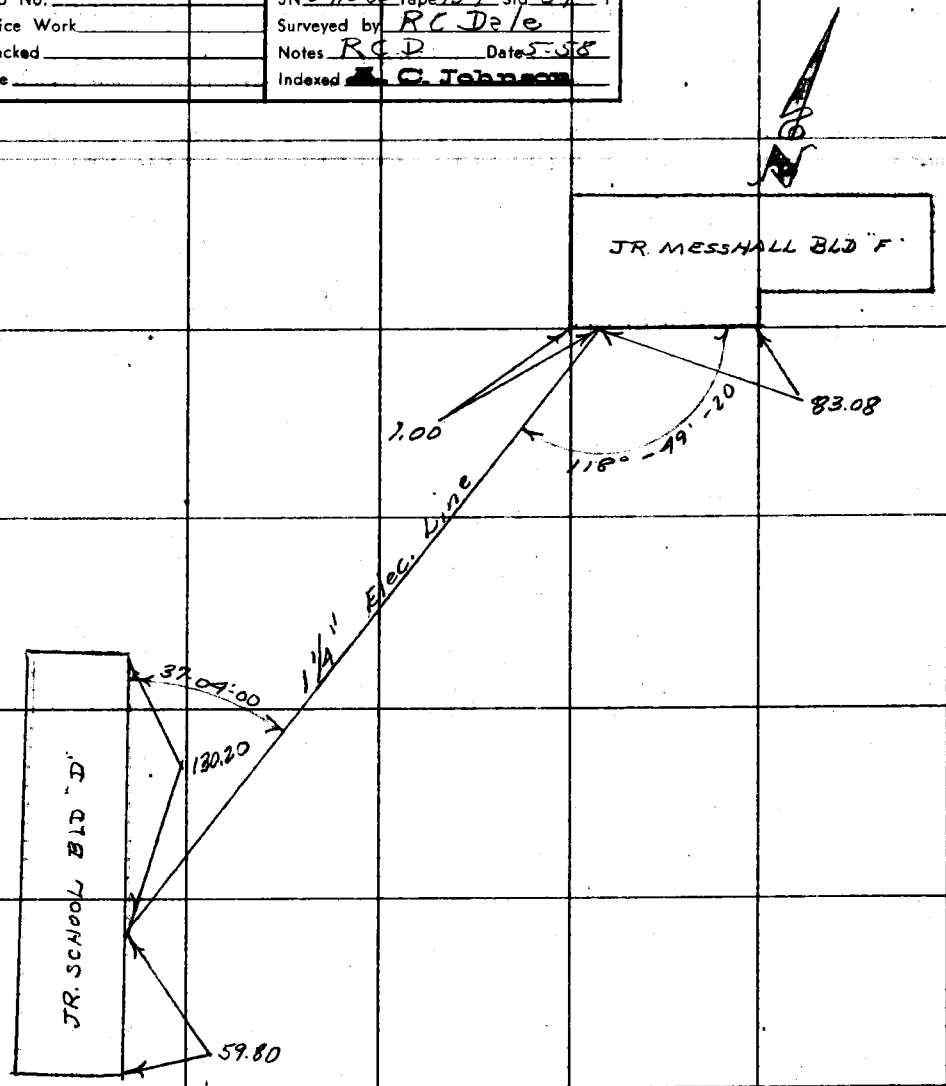
Office Work	Surveyed by RC Dale
Checked	Notes RCD Date 5-58
Date	Indexed C. Johnson

F. B. 2389 PG. 11



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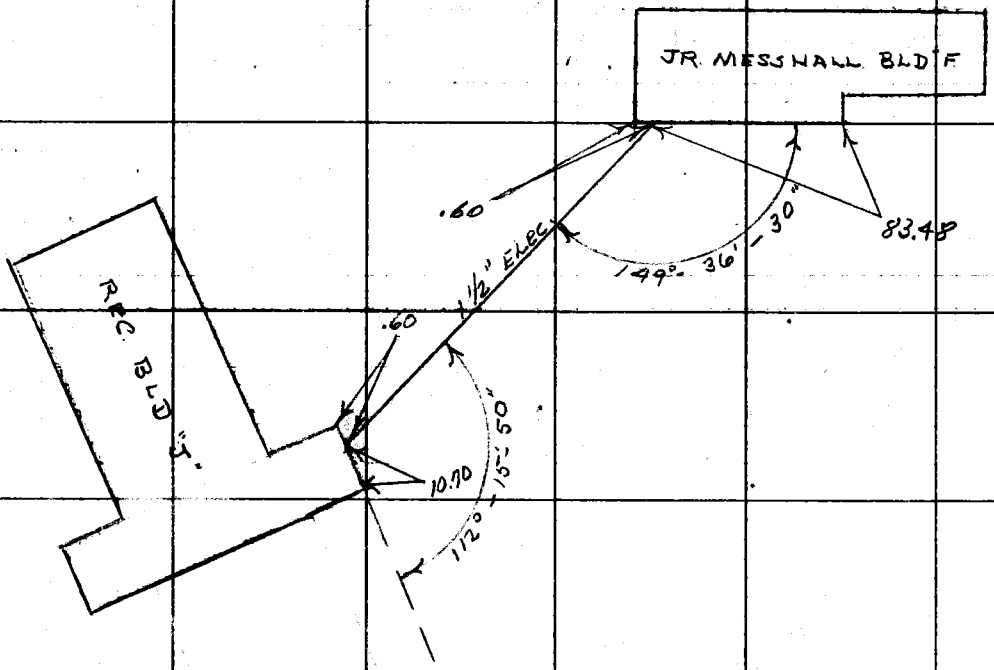

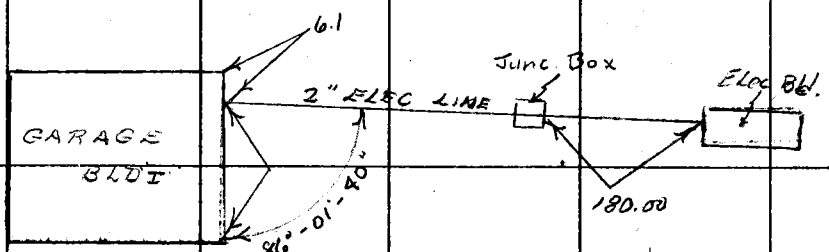

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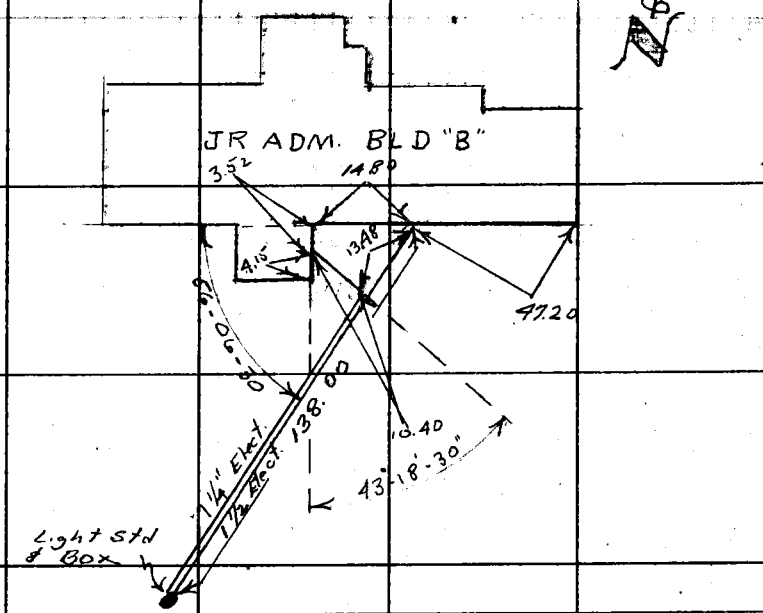
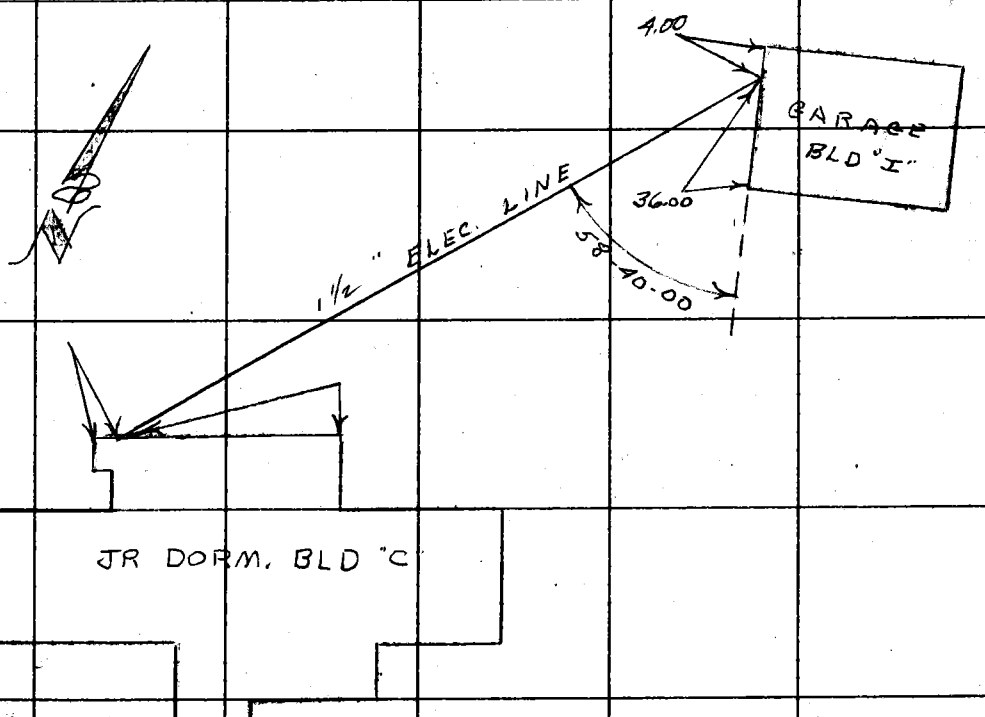
Survey of Lake Hughes Boys Camp F. B. 2389 PG. 13
JN 9410.02 Tape 134 Std 84 °F
Surveyed by R.C. Dale
Notes R.C.D. Date 6-58
Indexed C. Johnson





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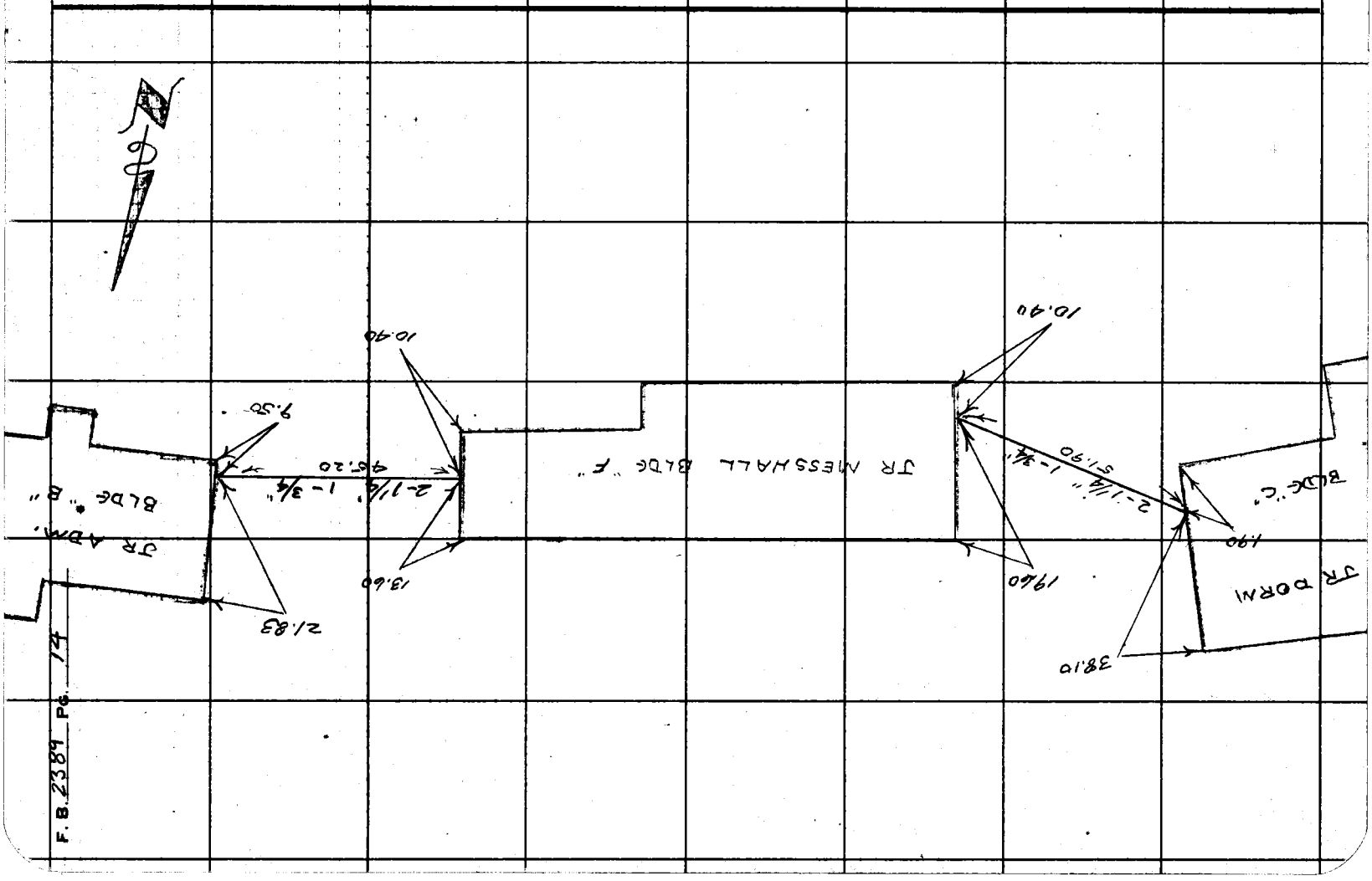

F. B. 2389 PG. 14

Notes Ck'd by	Survey of LAKE HUGHES BOYS CAMP
Map No.	JN 8410.02 Tape 88 Std 84 °F
Office Work	Surveyed by L.V. SMITH
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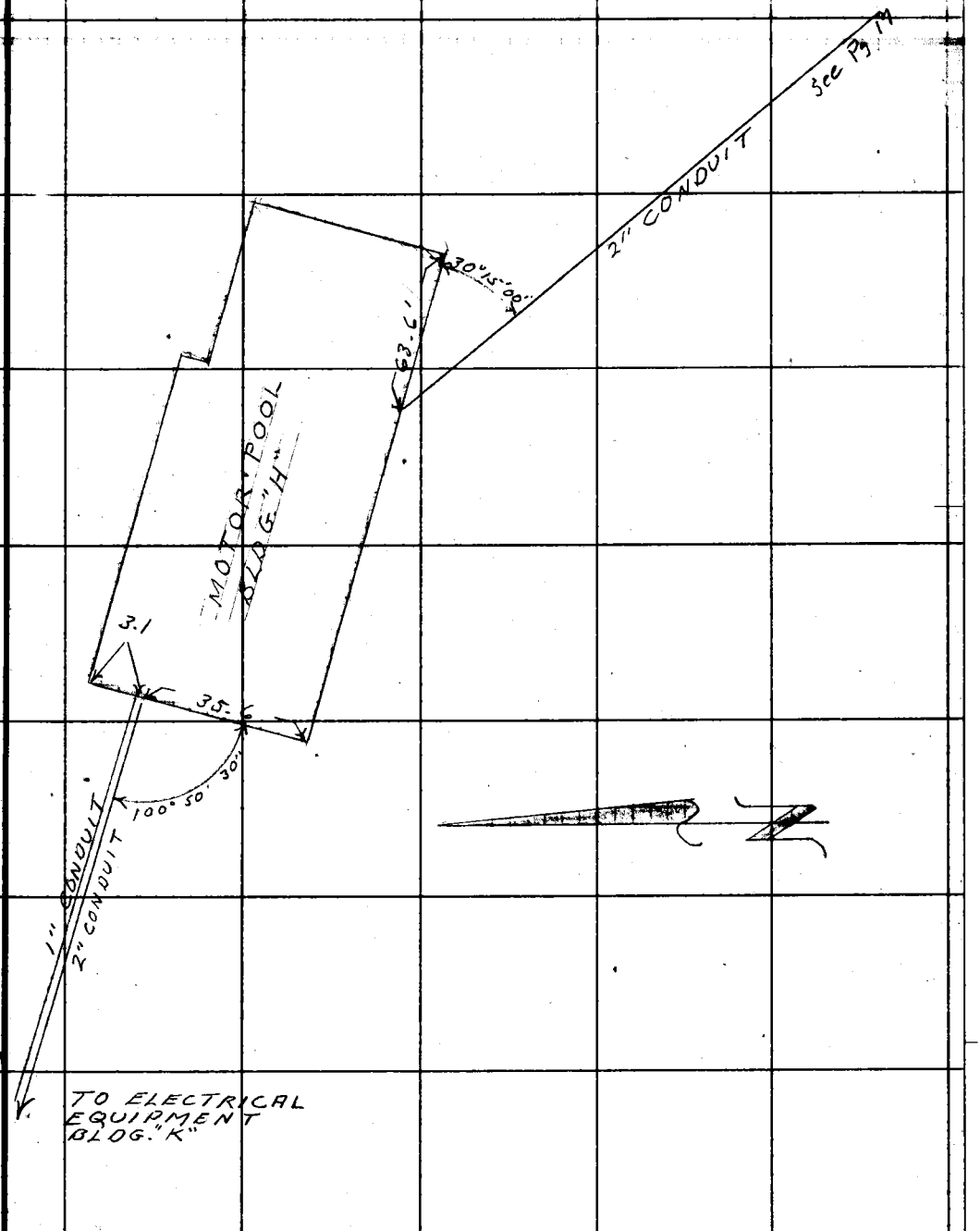

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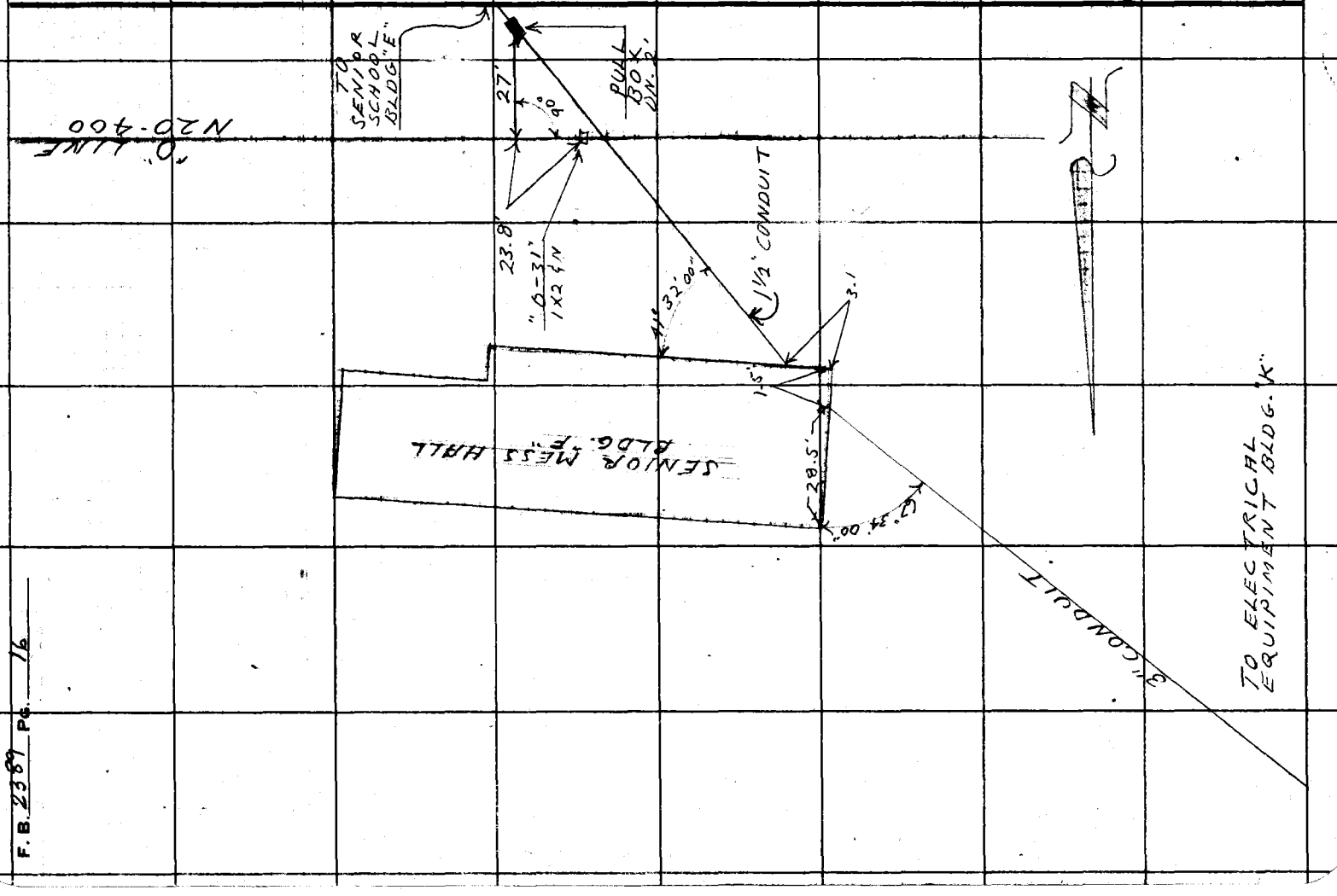

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Notes Ck'd by	Survey of LAKE HUGHES BOY CAMP F. B. 2389 PG. 17
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Office Work	Surveyed by L-V. SMITH
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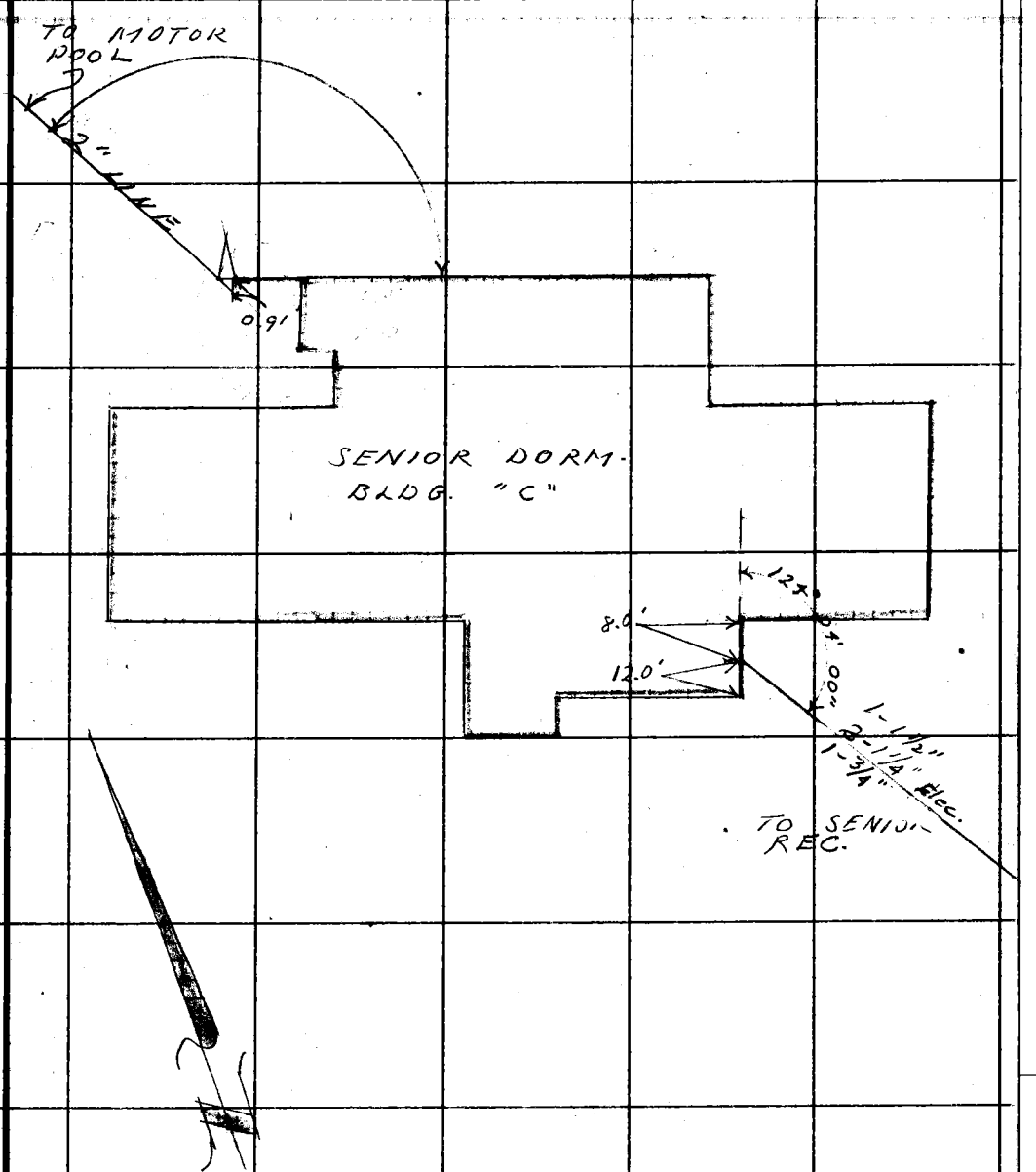
Date	Indexed C. Johnson



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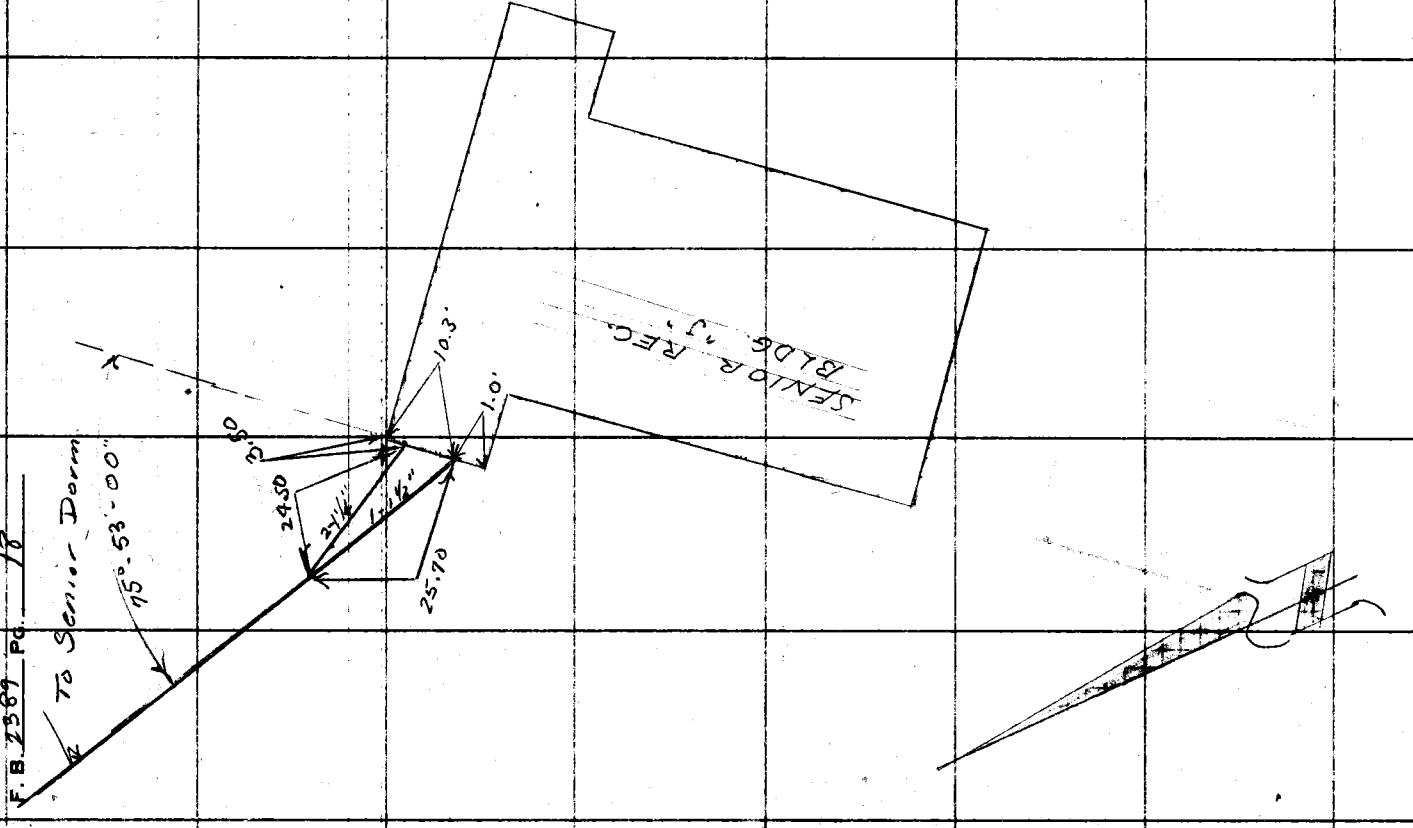

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Map No.	JN 8410.02 Tape 88 Std 84 °F
Office Work	Surveyed by L-V-SMITH
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Date	Indexed C. Johnson

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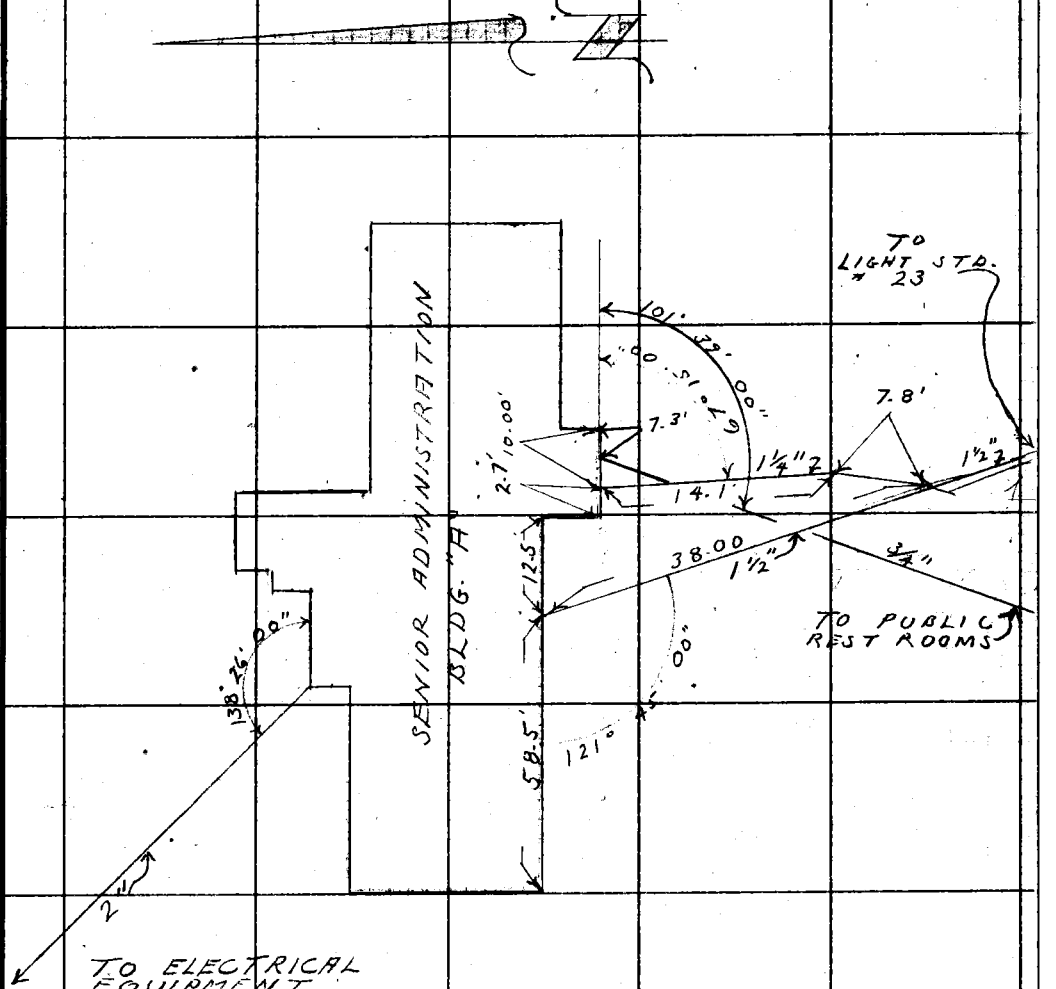

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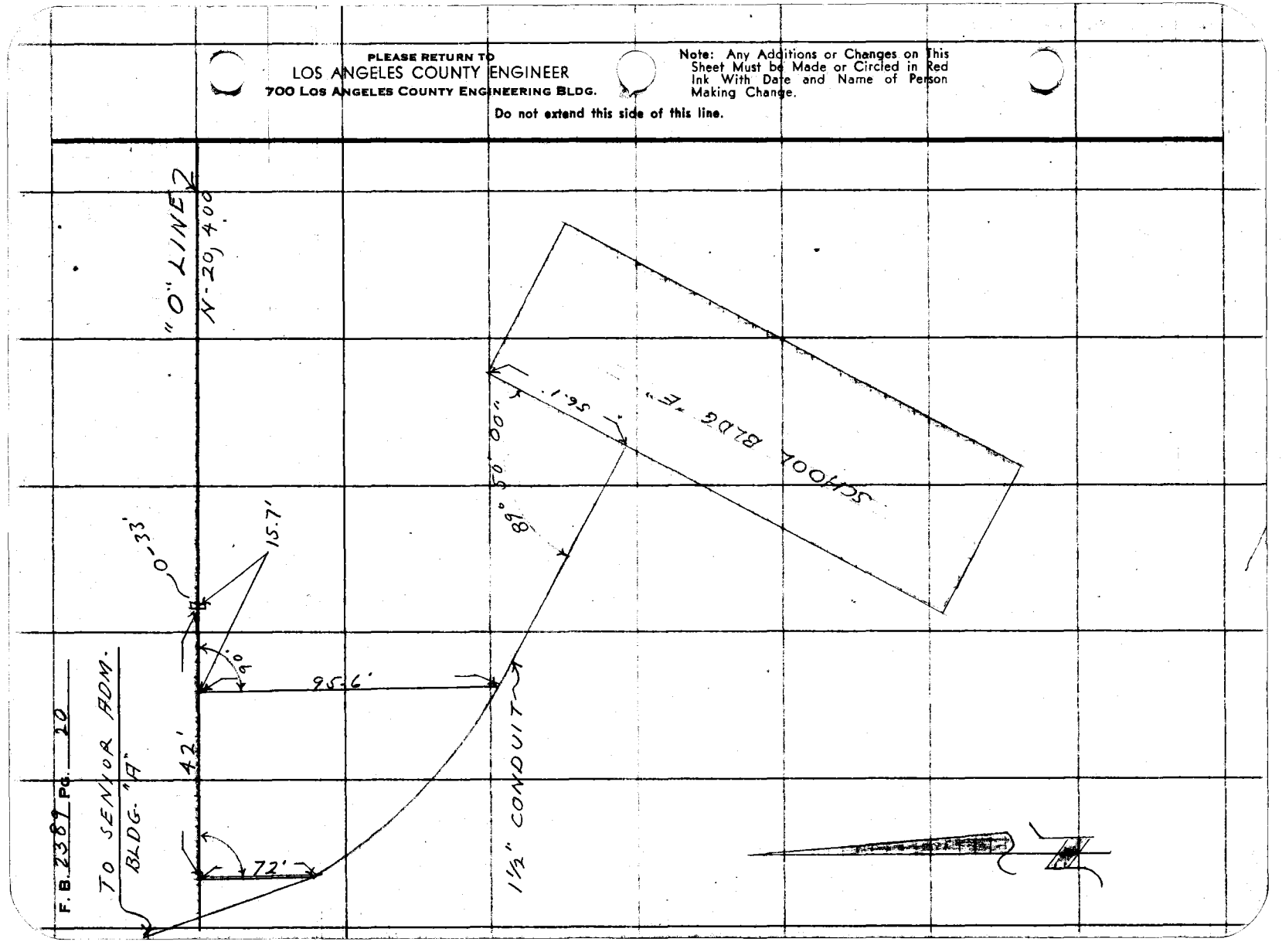

F. B. 2381 Pg. 20

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Date	Indexed C. Johnson

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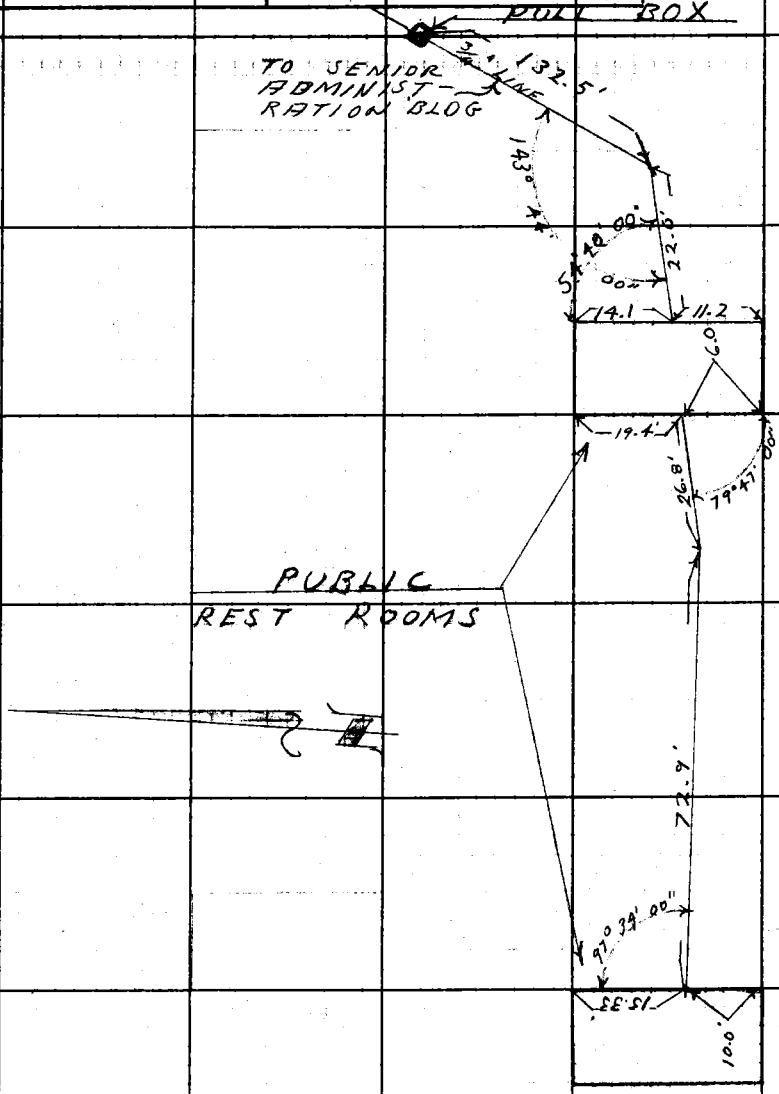

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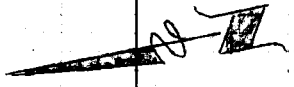

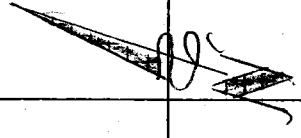

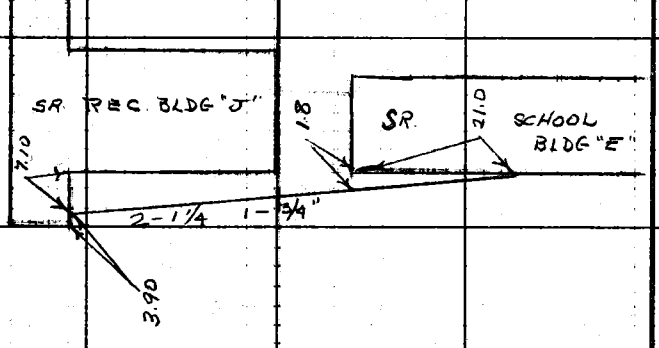

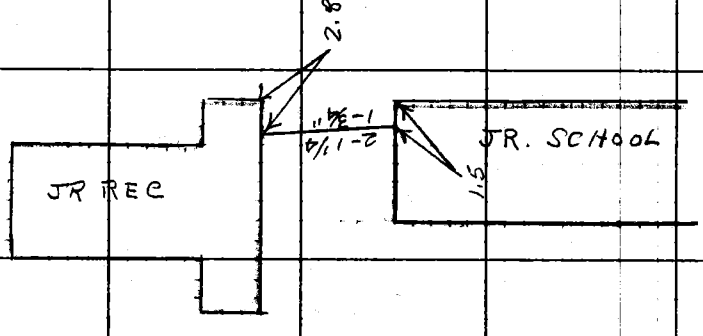

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Map No.	JN 8416.02 Tape 134 Std 84 °F
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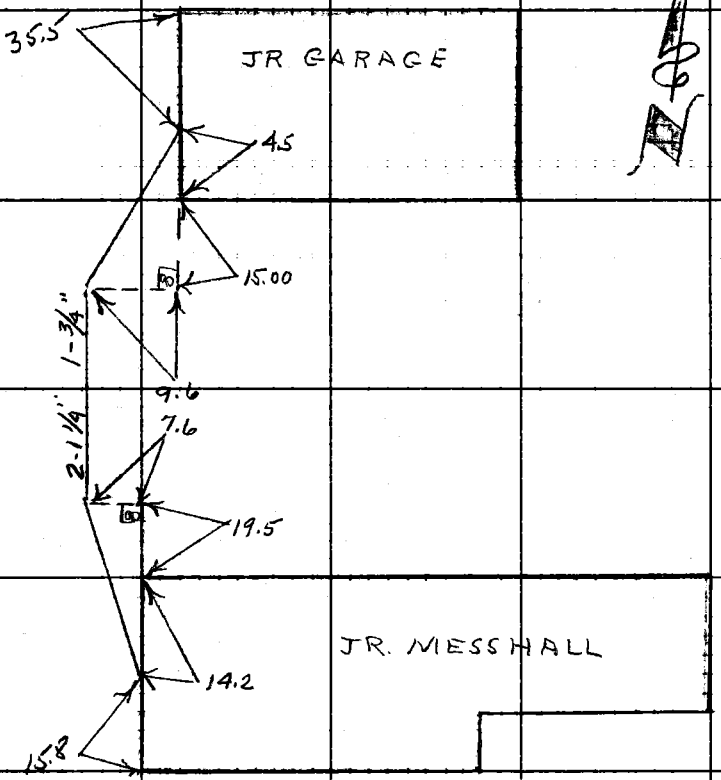

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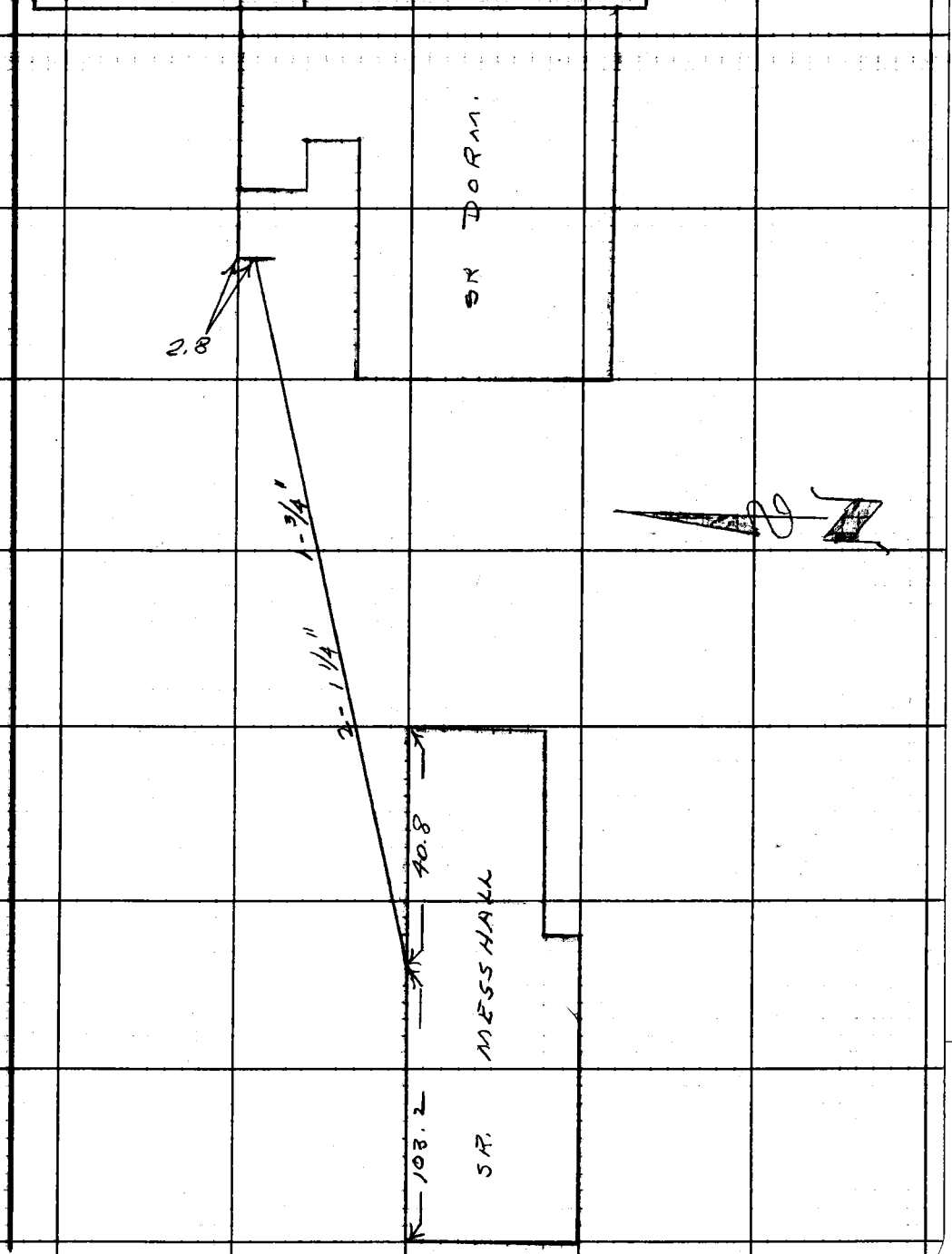
Checked	Notes R.C.D. Date 5-58
Date	Indexed C. Johnson

F. B. 2389 PG. 25



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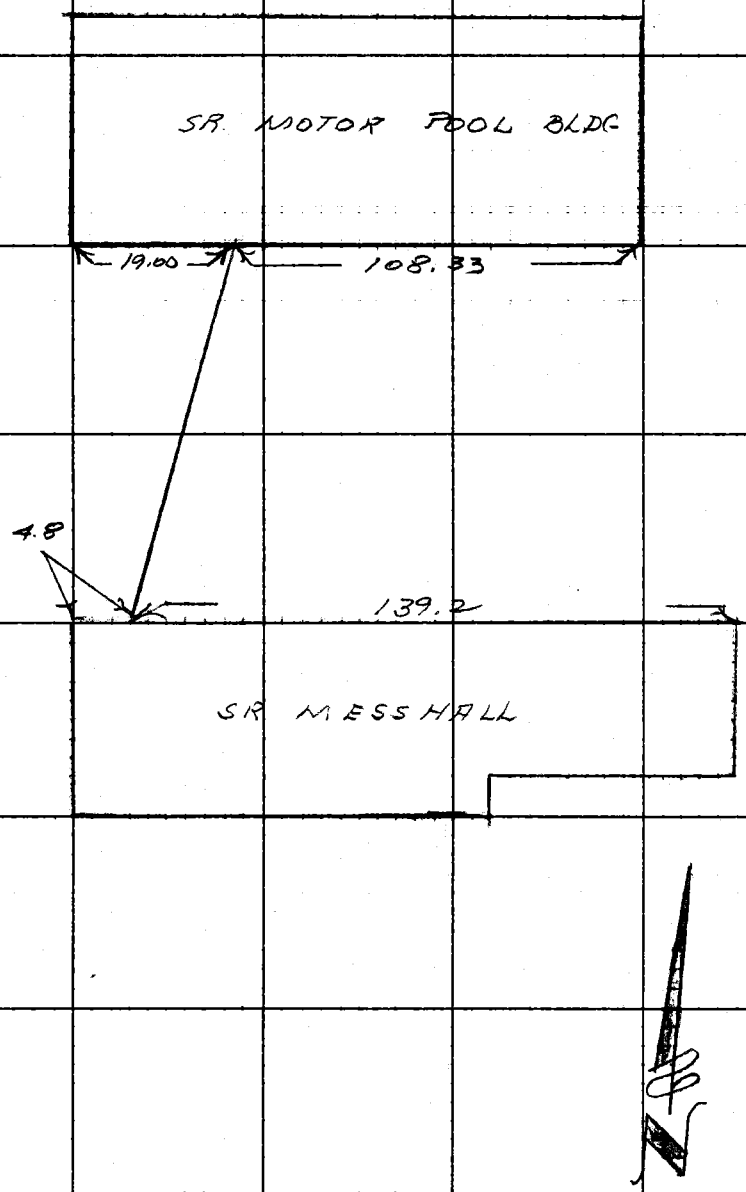
F. B. 2389 Pg. 26



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Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 54002 Tape 134 Std. 84 °F
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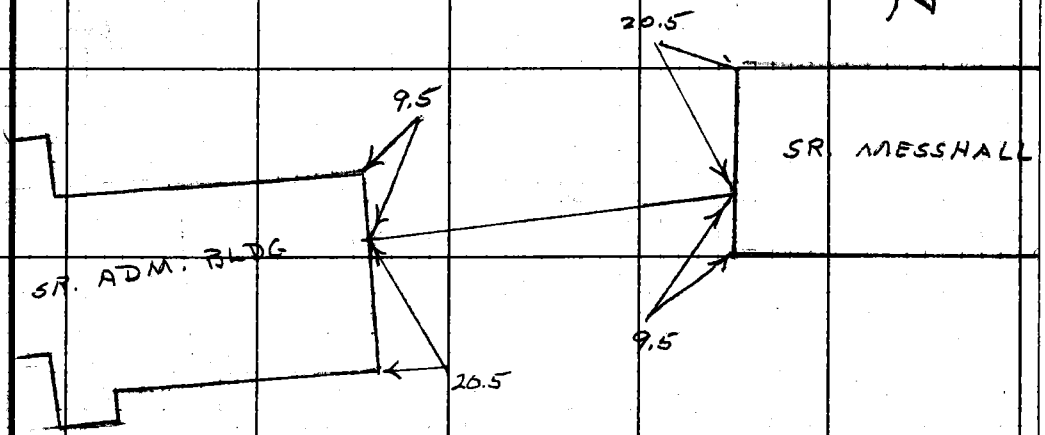

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Date	Indexed C. Johnson

F. B. 2389 PG. 29

LAKE HUGHES BOY'S CAMP

J.N. 8410.02

LOCATION OF LIGHT STANDARDS & ELECTRIC CONDUIT TO BLDGS.

PARTY
L.V. SMITH
C.V. CROWE
V.A. HUCKABY
B.L. CARLANDER
I.R. TRETTEEN

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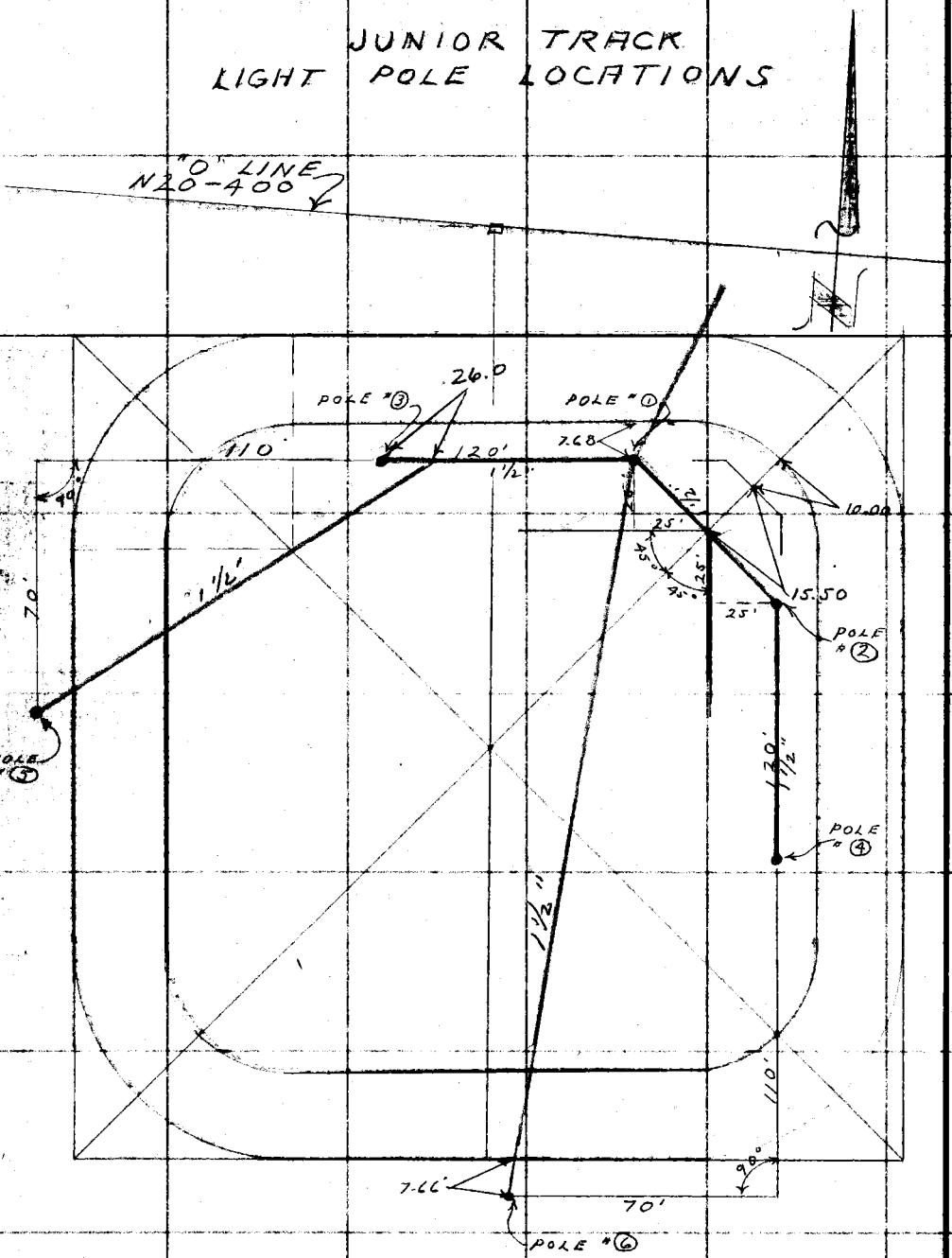
F. B. 2589 Pg. 30

JUNIOR TRACK LIGHT POLE LOCATIONS



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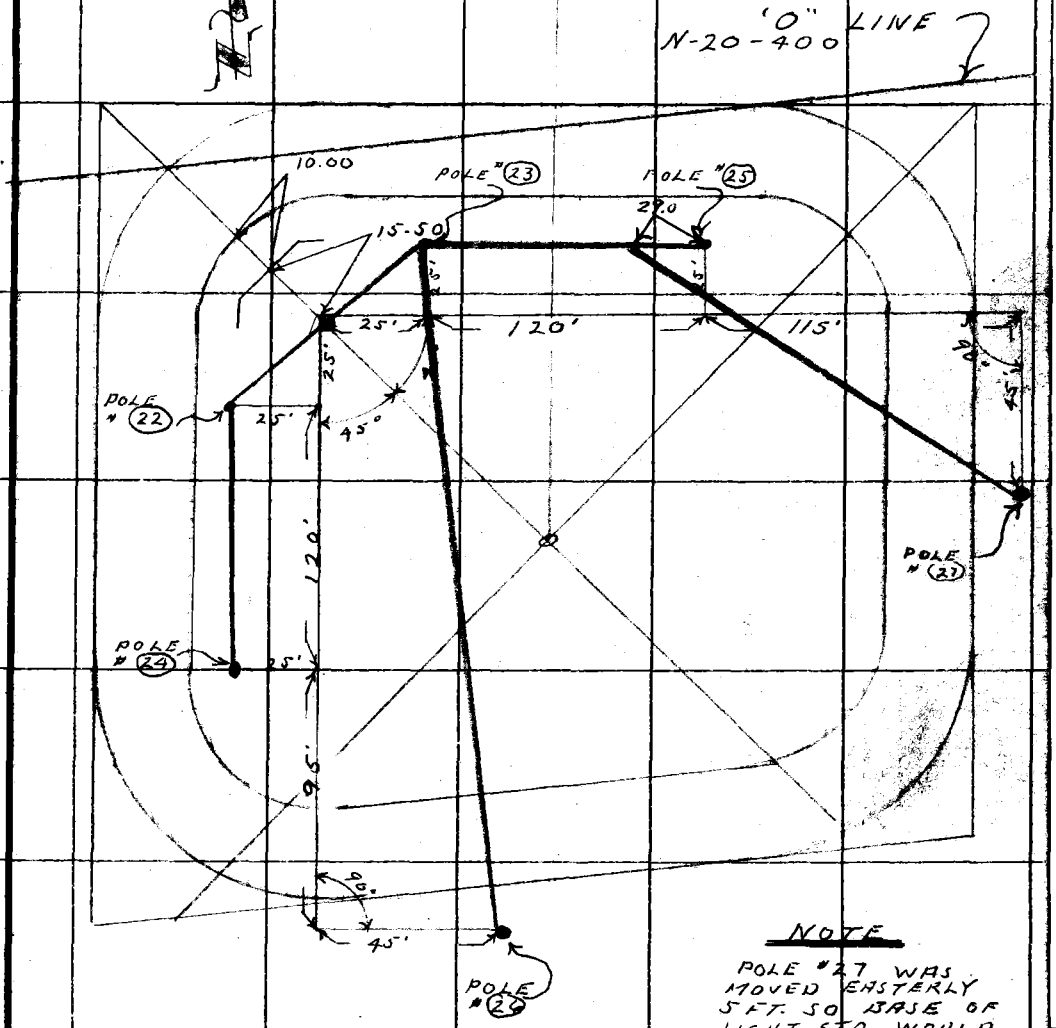
Map No.	W. 84 10.02 Tape No. 88 St'd. 84 °F
Office Work	Surveyed by L-V-SMITH
Checked	Notes L.V.S. Date 4-25-58
Date	Indexed C. Johnson

F.B. 2987 PG. 31

SENIOR TRACK LIGHT POLE LOCATIONS



NOTE

POLE #27 WAS MOVED EASTERLY 5 FT. SO BASE OF LIGHT STD. WOULD CLEAR 60" STORM DRAIN.

POLE #26 LOCATED 95' SOUTHERLY OF POLE #24 - ///

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76F3095 SAE #247. 8-54

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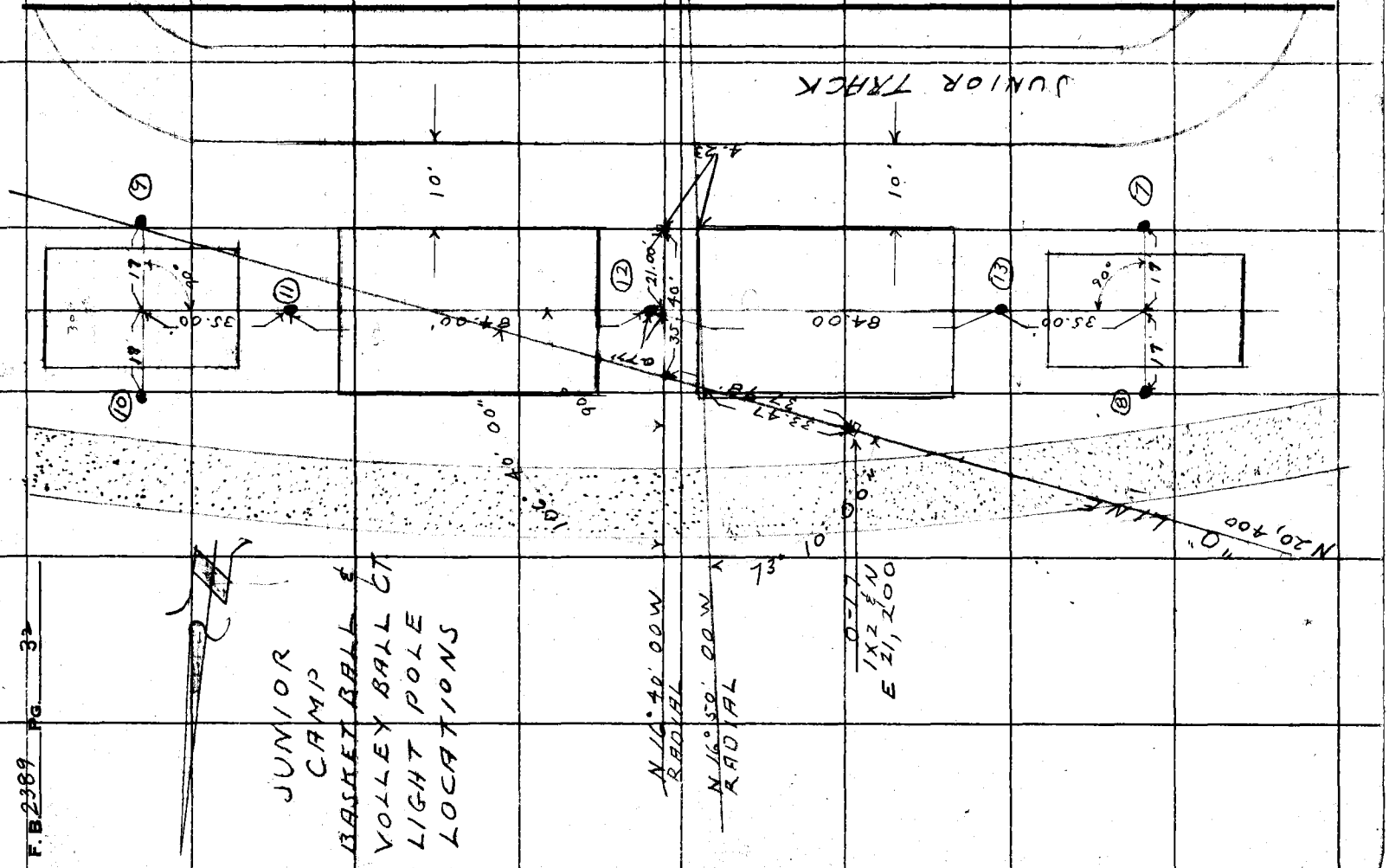

F.B. 2389 PG. 32

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Map No.	JN 8410.02 Tape 88 Std. 84 °F
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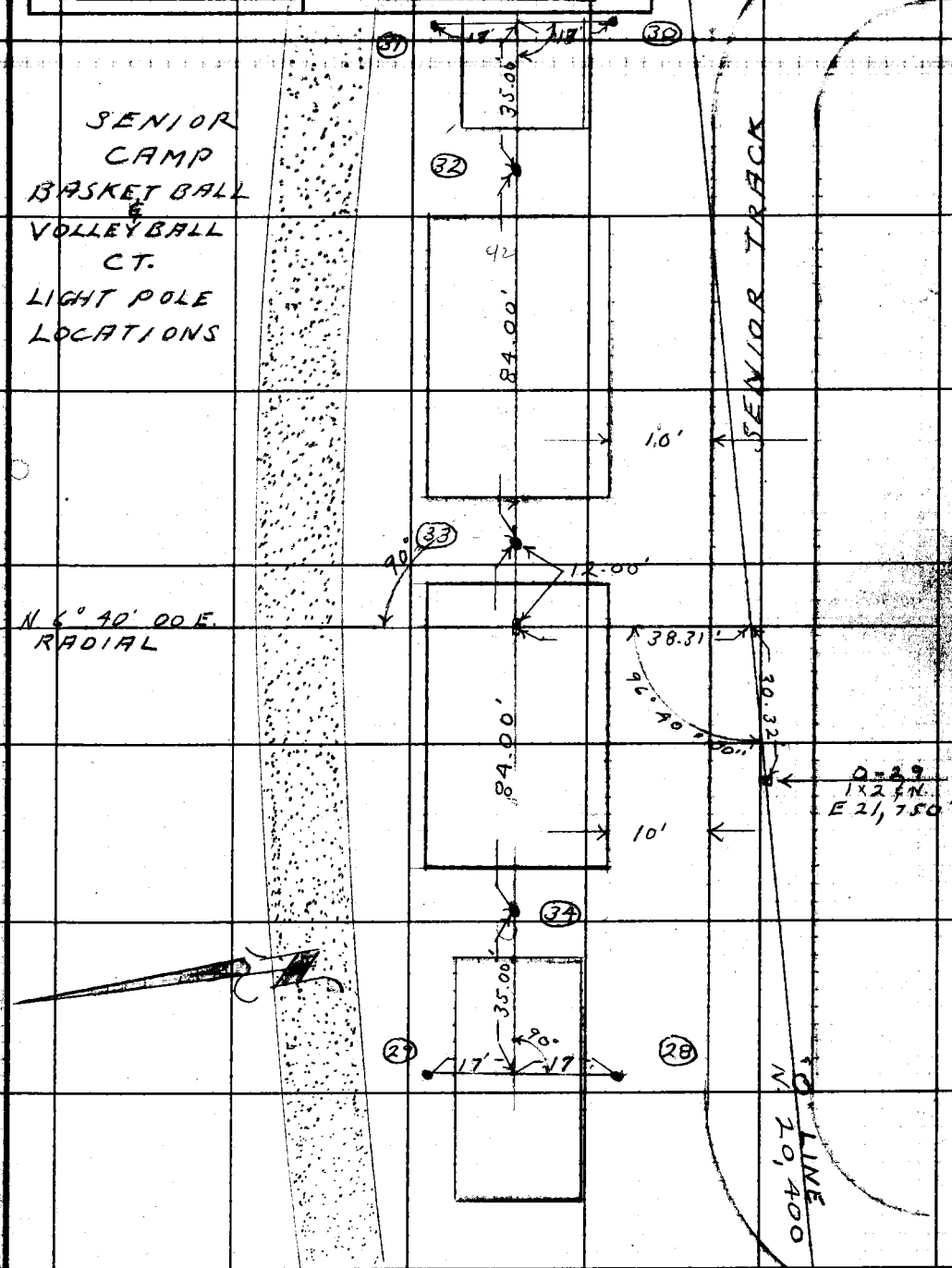
F. B. 2389 Pg. 33



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7673028 CE #247—3-57

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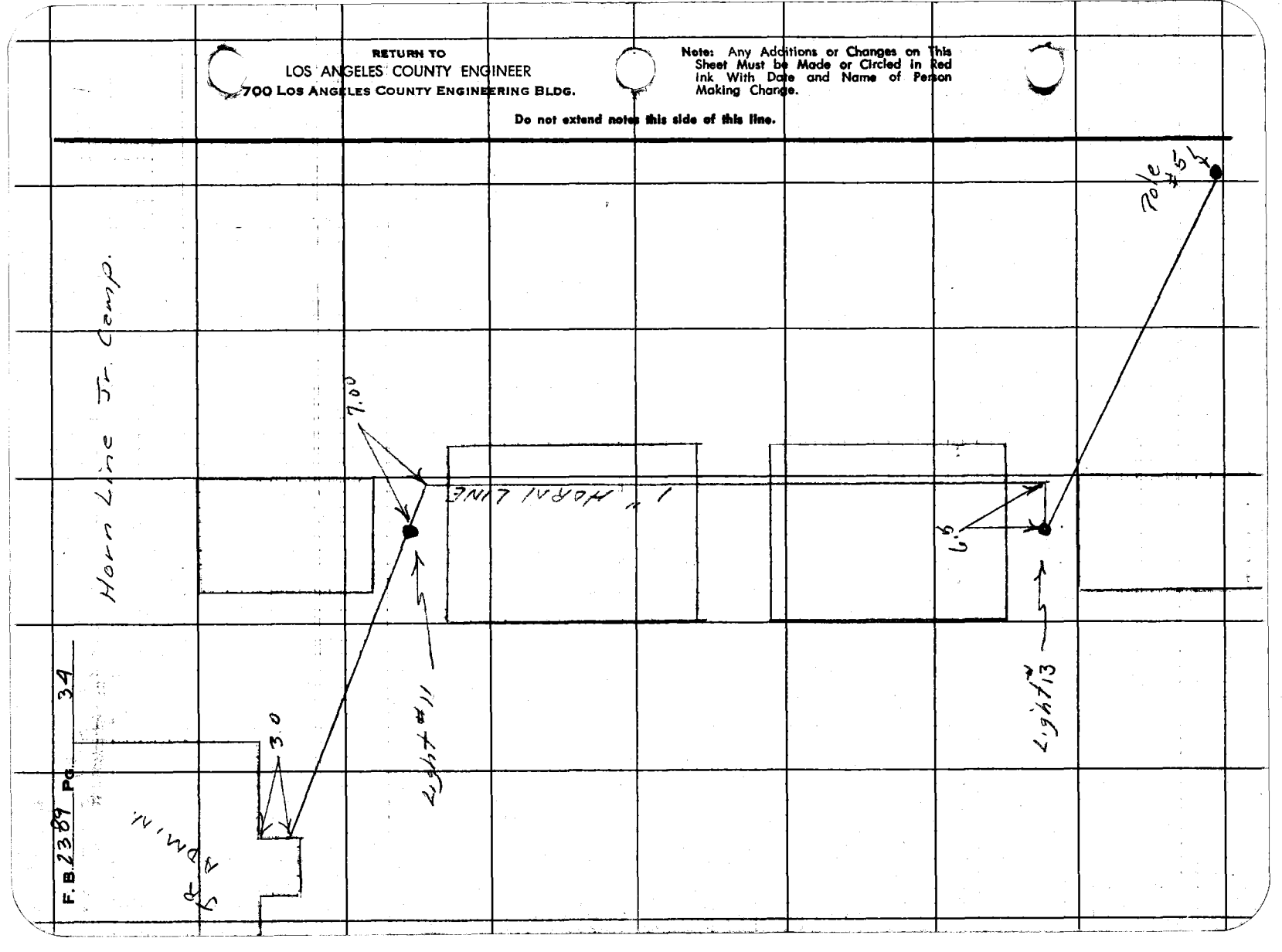

F. B. 2389 Pg. 35

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 84062 Division No. ____

Date ____ Date ____ Survey of LAKE HUGHES BOYS CAMP

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.V.S. Notes L.V.S. Date 4-25-58

Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	
					ELEV. ON BLUE TOPS FOR GRADE AT LOCATION OF LIGHT STD. SENIOR TRACK

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

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F. B. 2389 Pg. 36 | Job No. | Division No. | Notes Red. | Plotted | Profile
Survey of | Date | No. | X-Sec.
Survey by | Notes | Notes Chkd. | Checked
Indexed C. Johnson Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	ELEVATIONS FOR BLUE TOPS ON 10' R.P.S FOR LIGHT STDS. SENIOR TRACK
BC-PI #33	0.94	2928 15		2927 21	B.C. P.I #33 ELEV. = 2927.206 FB 1852-180
T.P.	4.81	2921 76	11,20	2916.95	
T.P.	3.51	2919,54	5,73	2916.03	
10' R.P. POLE #23			3 54	2916 00	SET BLUE TOP TO GRADE
10' R.P. POLE #22			3 64	2915 90	" " " " "
10' R.P. POLE #24			3 64	2915 90	" " " " "
10' R.P. POLE #20			4 24	2915 30	" " " " "
10' R.P. POLE #27			4 44	2915 10	" " " " "
10' R.P. POLE #25			3 64	2915 90	" " " " "
T.P.	1040	2927 80	214	291740	" " " " "
B.C. P.I. #33			056	292724	B.C. P.I. #33 ELEV. = 2927.206 F.B. 1852-180

Profile No. | Notes Red. | Plotted | Job No. | Division No. | F. B. 2389 Pg. 37
Date | Date | Survey of
X-Sec. No. | Notes Chkd. | Checked | Survey by | Notes | Date
Date | Date | Map No. | Indexed K. C. Johnson | Date

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STATION	B. S.	H. I.	F. S.	ELEV.	
					ELEV. ON BLUE TOPS FOR GRADE AT LOCATION OF LIGHT STDS. JUNIOR TRACK

761.298 S & E #307 9-84

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M.'Y'	10 84	2906 74		2895 90		
10 FT. R.P. POLE #6			4.94	2901 80	2901.8	
10' R.P. " #5			5 74	2901 00		
T.P	4 92	2907 02	4 64	2902 10		
10' R.P. POLE #3			5 02	2902 00		
10' R.P. POLE #1			5 12	2901 90		
10' R.P. POLE #2			5 22	2901 80		
10' R.P. POLE #4			5 22	2901 80		
T.P.	4 36	2906 67	4 71	2902 31		
T.B.M.'Y"			10 76	2895 91		

F. B. 2389 PG. 38

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

Survey of ____ Date ____ Date ____ No. ____ X-Sec. ____

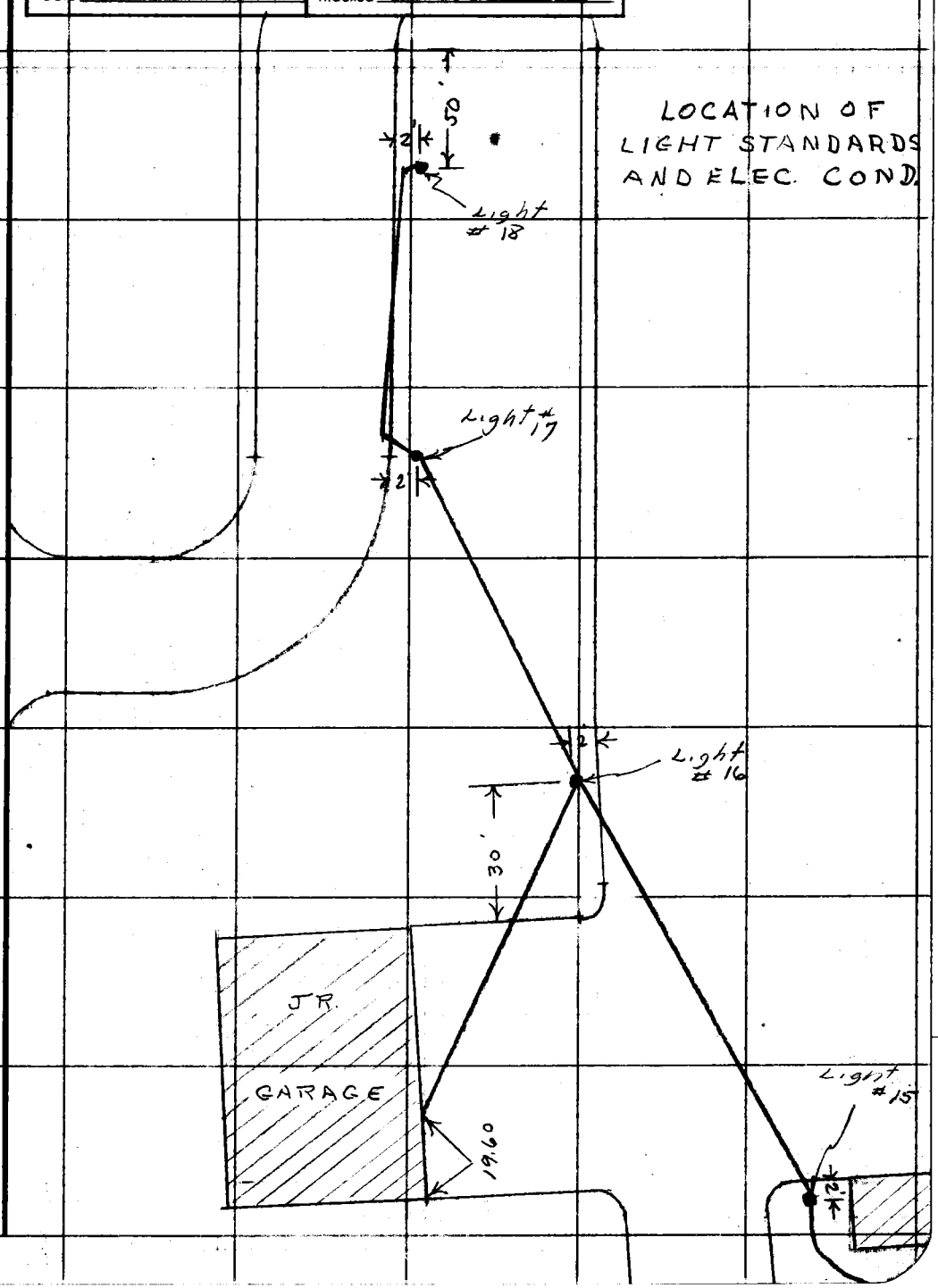
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of Lake Hughes Boy's Camp
Map No.	JN 8410.01 Tape 152 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R.C.D. Date 5-29-59
Date	Indexed C. Johnson

F. B. 2389 PG. 39

LOCATION OF LIGHT STANDARDS AND ELEC. COND.



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76F309S 9&E #247 1-56

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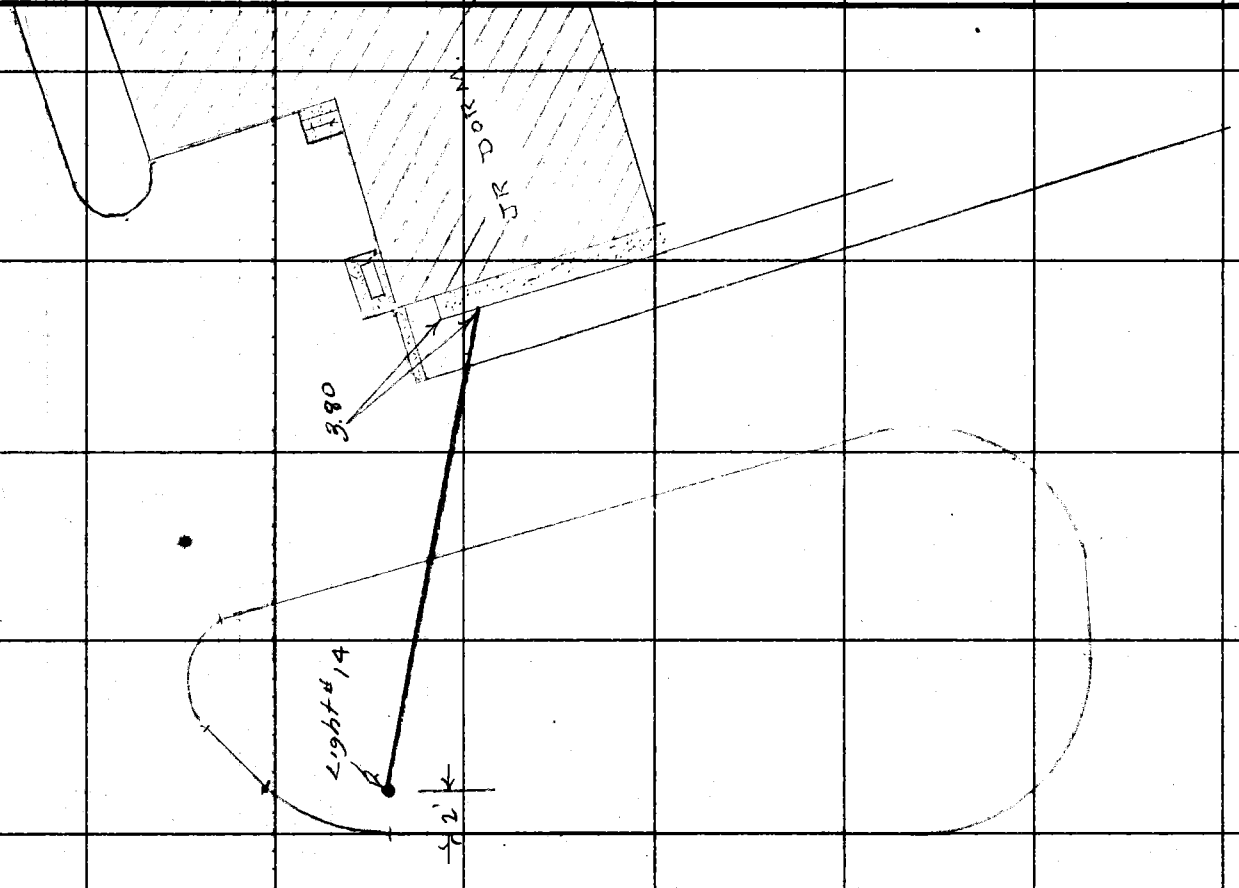
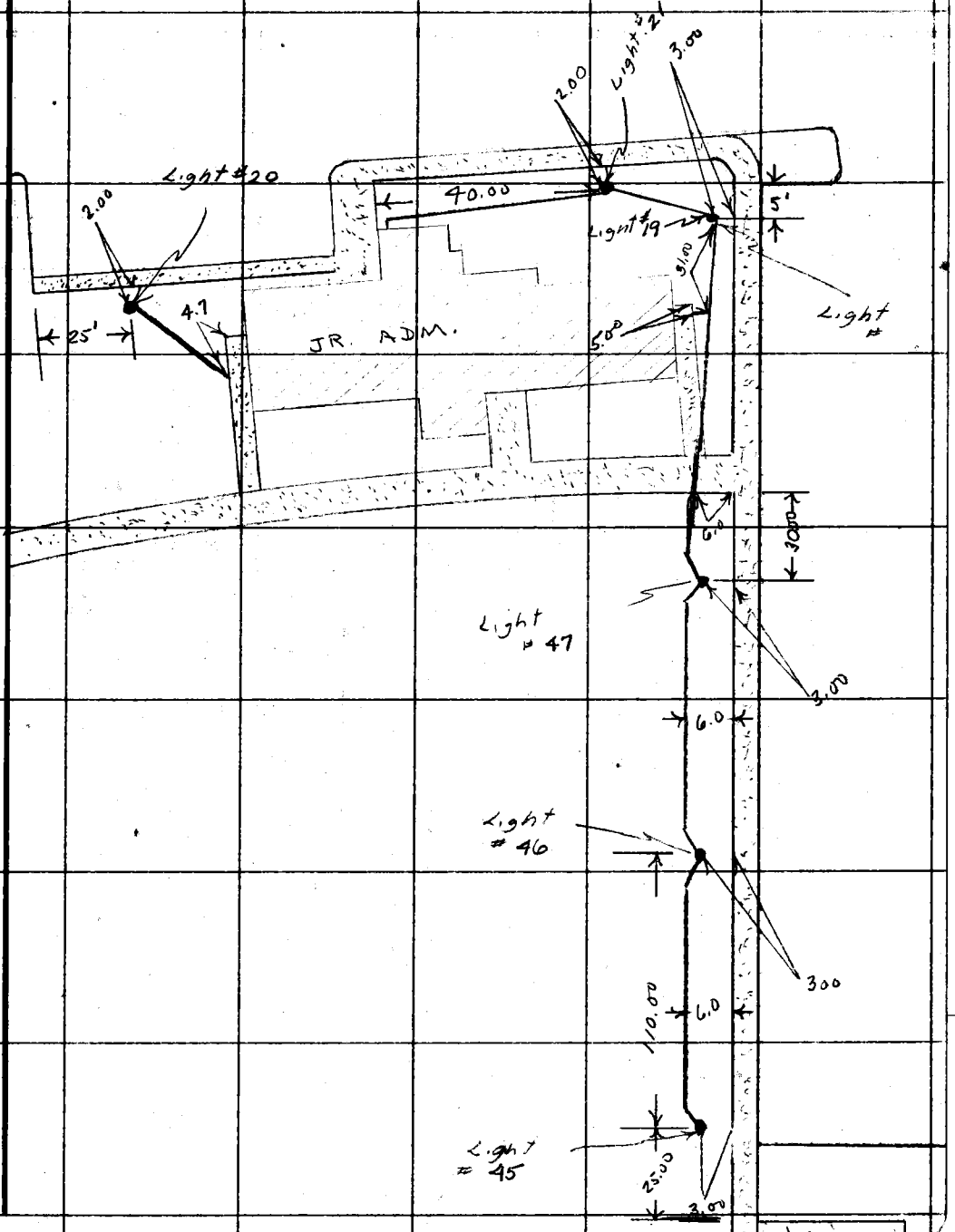


F. B. 2385 Pg. 40

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 84100.2 Tape 152 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R.C.D Date 5-27-59
Date	Indexed C. Johnson

F. B. 2389 PG. 41



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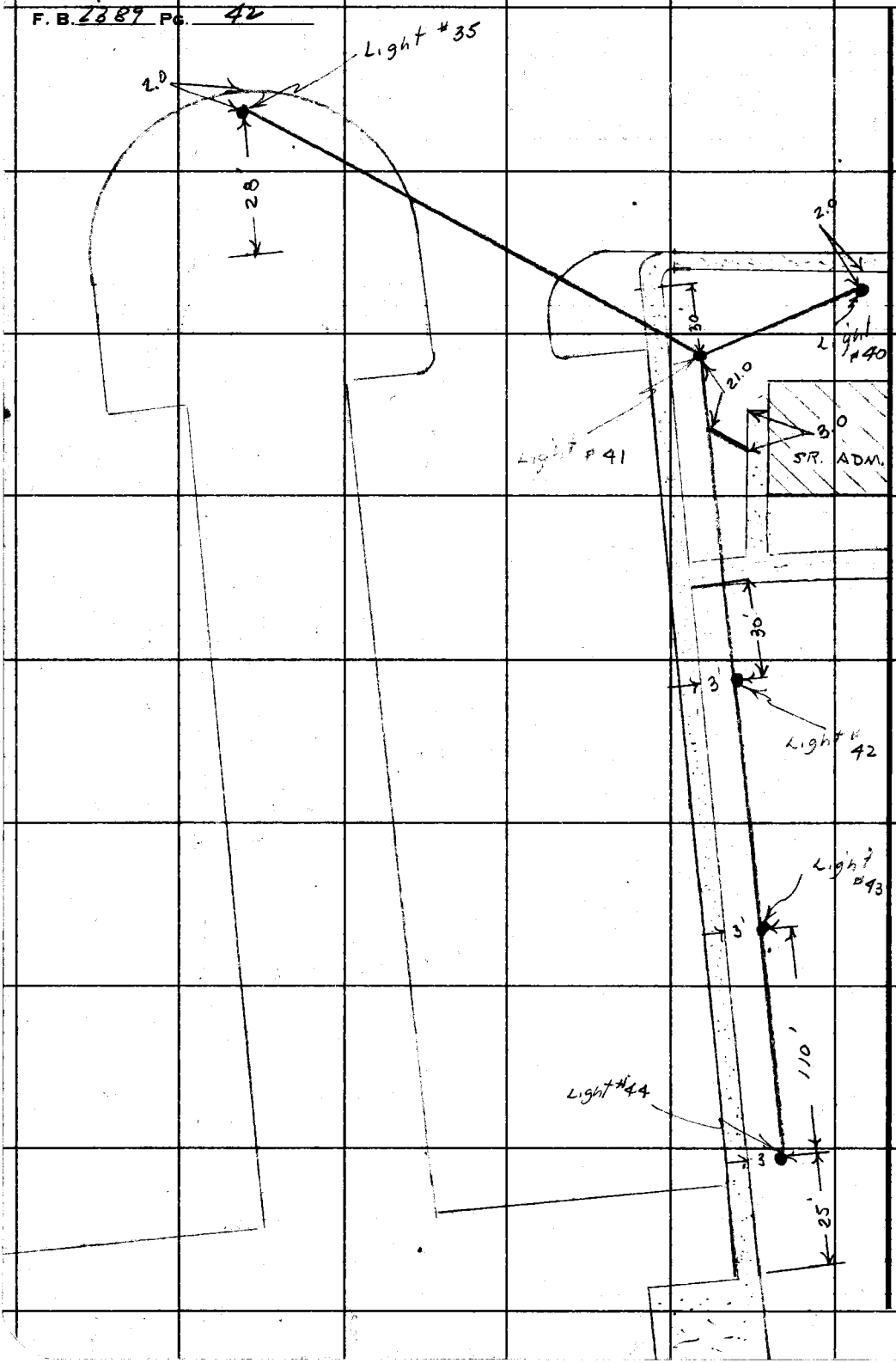
76F3095 SSE #247 1-56

F. B. 2889 Pg. 42



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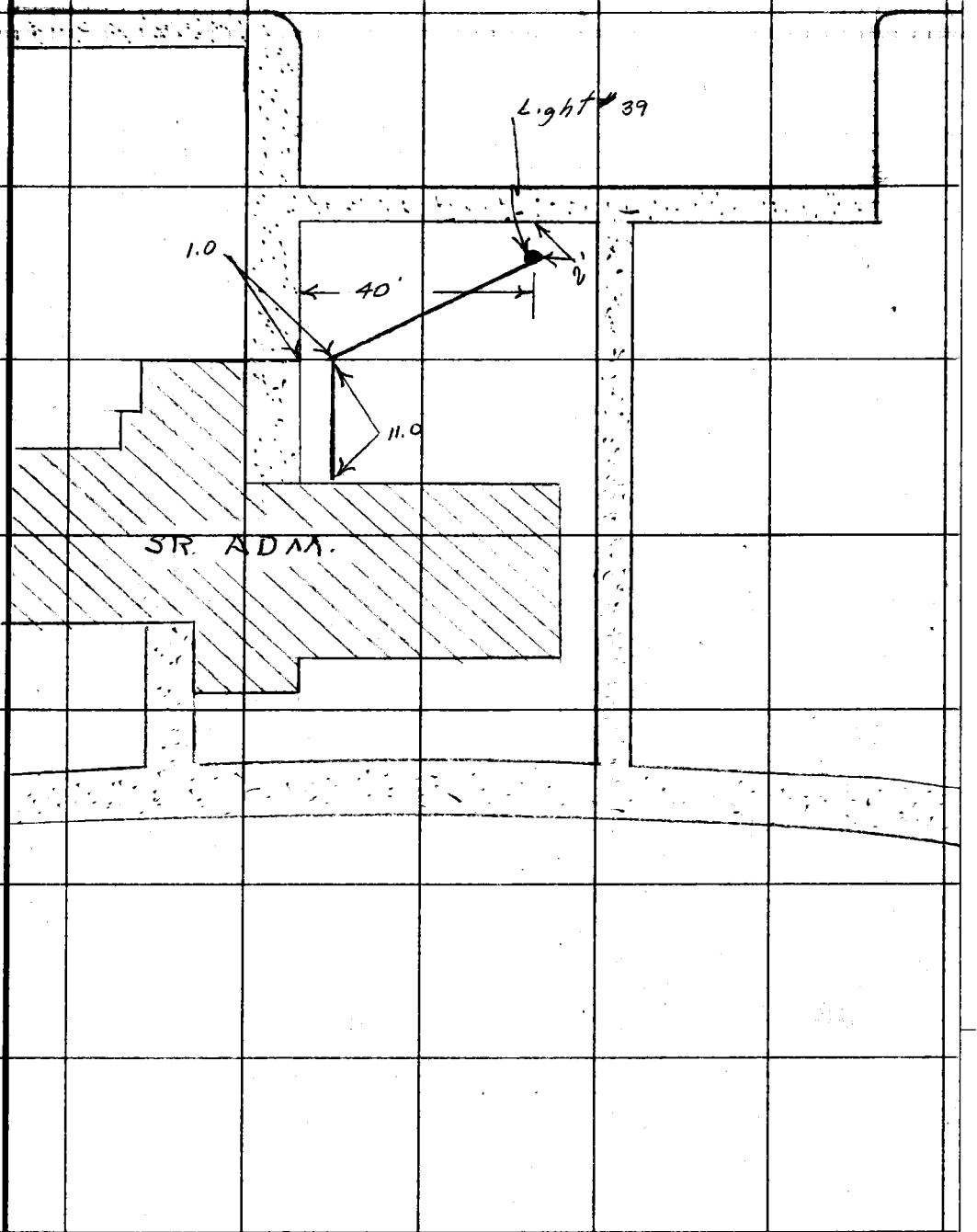
Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 8410.02 Tape 152 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R.C.D. Date 5-28-59
Date	Indexed C. Johnson

F. B. 2389 PG. 43



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76F309S SAE #247 1-56

F. B. 2389 Pg. 44

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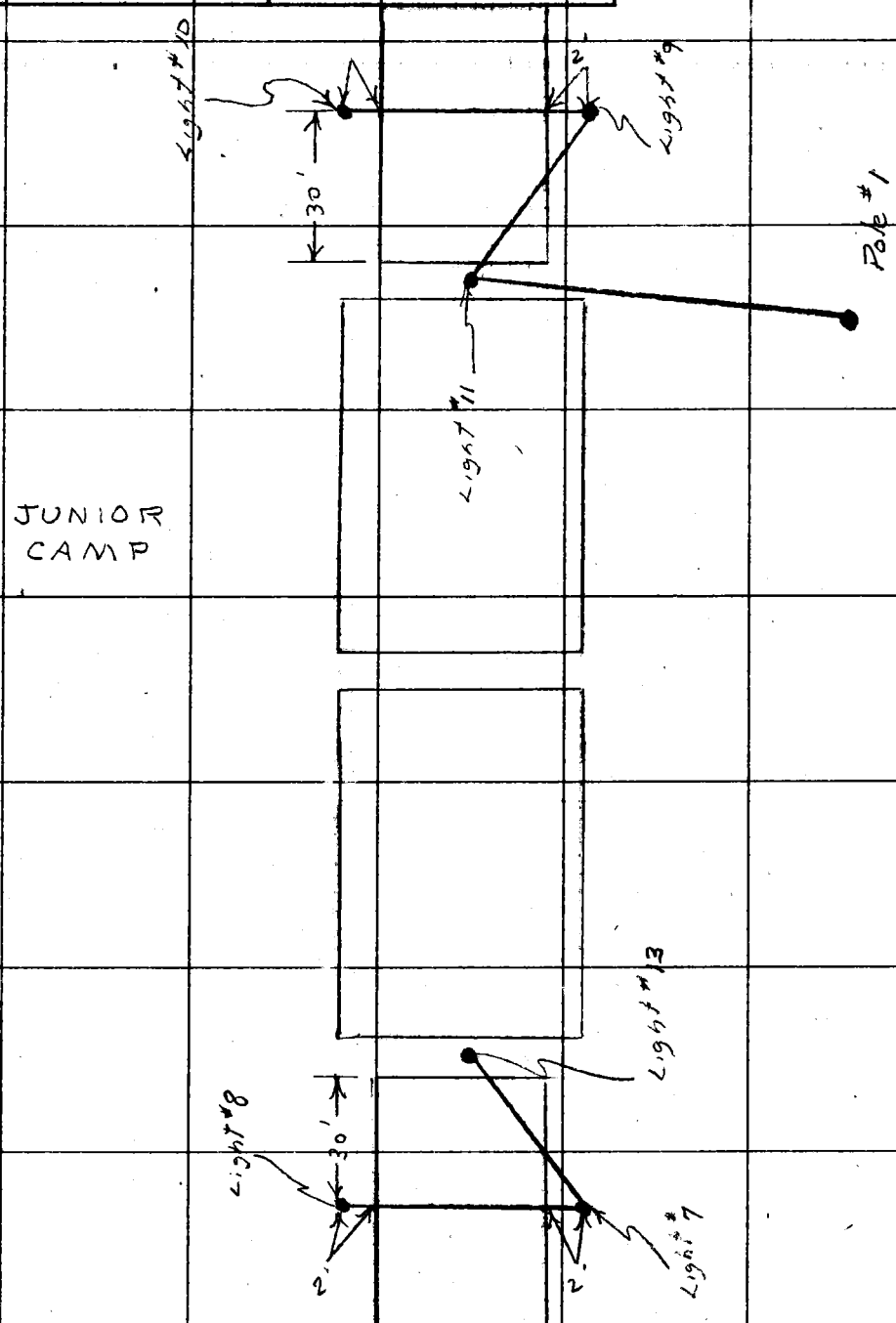
Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 8410.02 Tape 152 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R.C.D. Date 5-28-59
Date	Indexed C. Johnson

F. B. 2389 PG. 45



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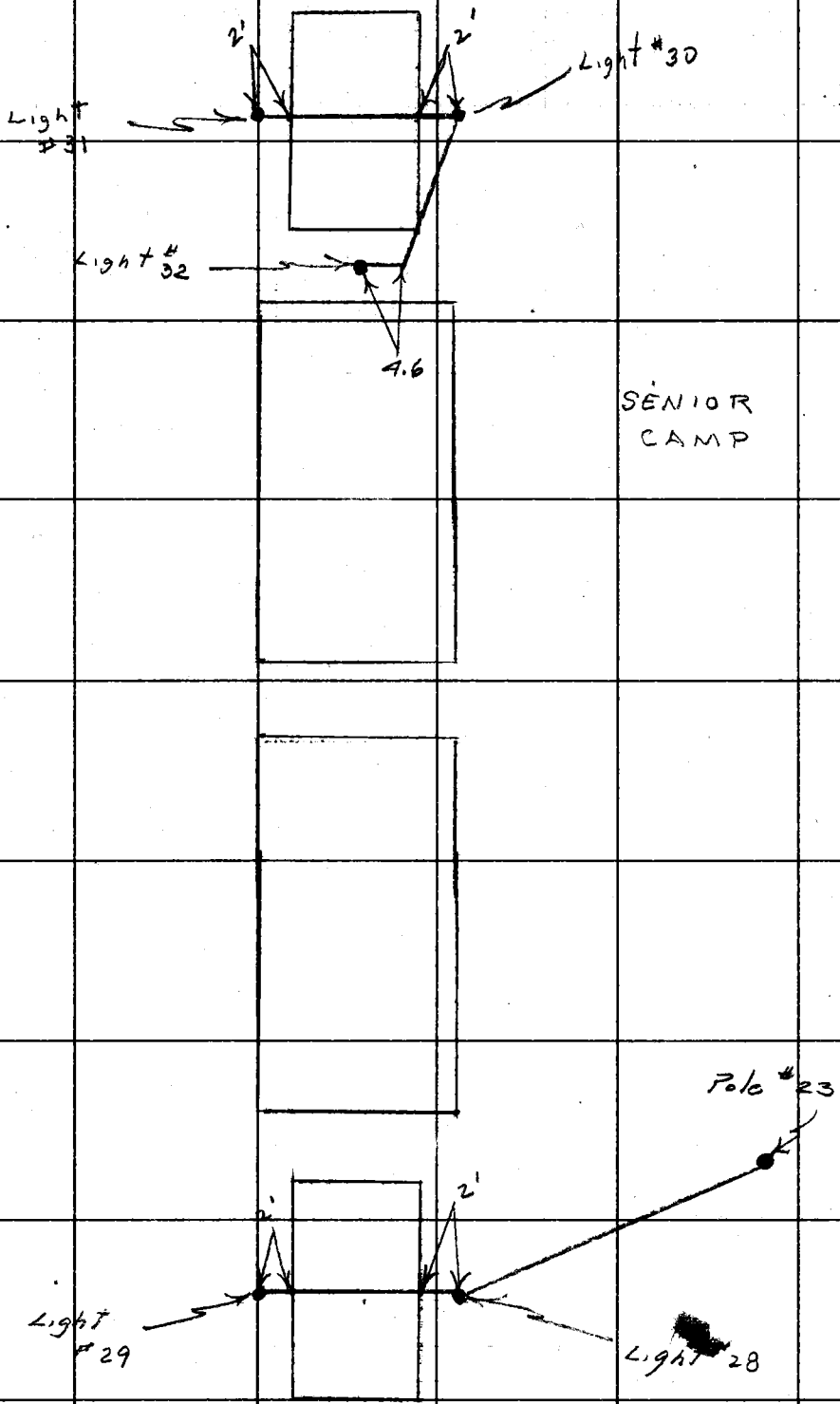
F. B. 2389 Pg. 46



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Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 8410 02 Tape 151 Std. 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D Date 5-7-59
Date	Indexed H. C. Johnson 7-28-59

F. B. 2389 Pg. 47

LAKE HUGHES BOYS CAMP

JN 8410.02

ROADS & CURBS

PARTY

RC DALE
CH MORRISON
B.A. PENNY
L.W. JONES
D.L. LIDEN

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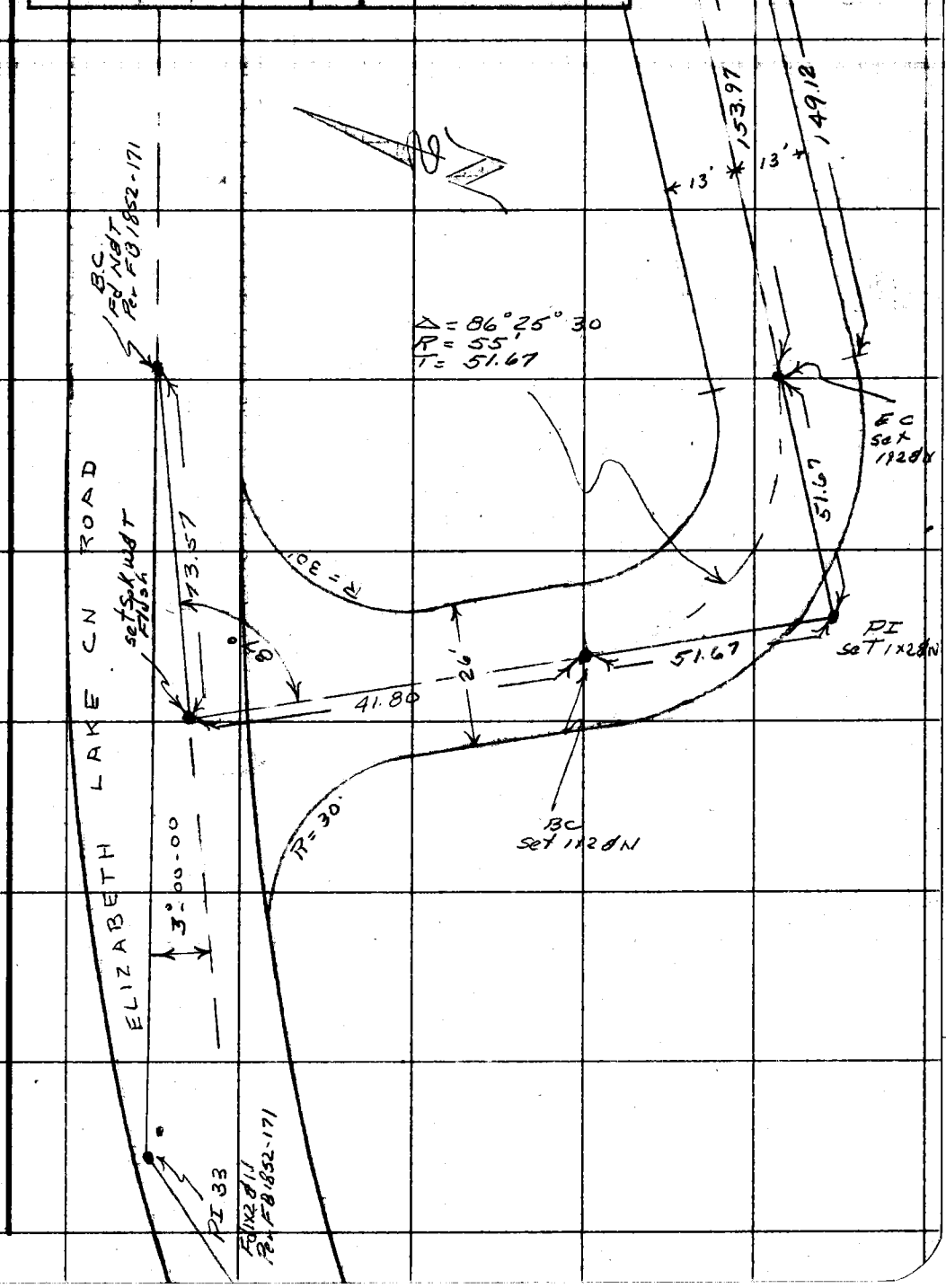
76F3095 SAE #247 1-56

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 84 10.02 Tape 152 Std 84 °F
Office Work	Surveyed by RC Dale
Checked	Notes Date 5-6-59
Date	Indexed C. Johnson

F. B. 2389 PG. 49
Cont Bot Left
Pg # 50



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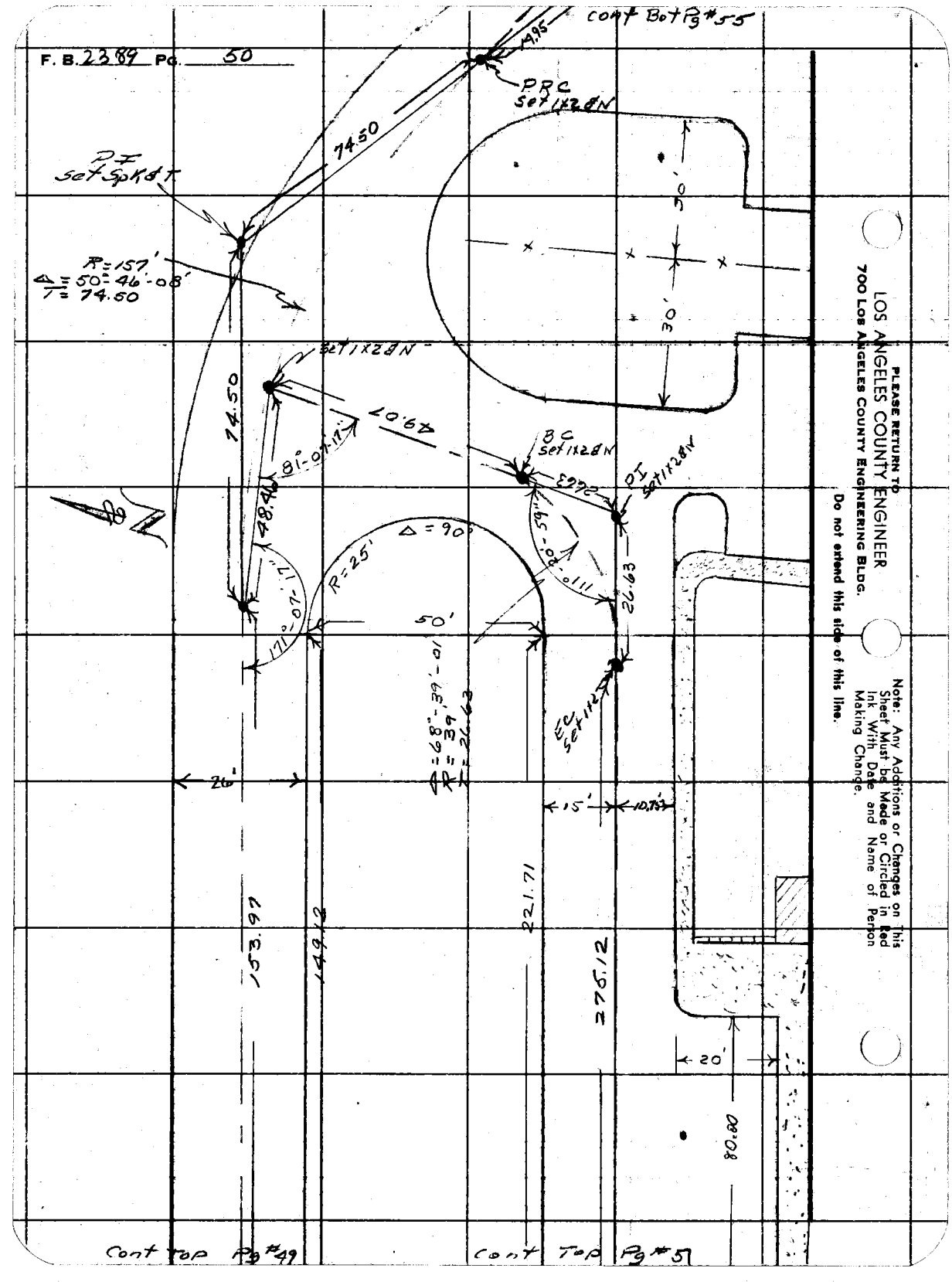
76F309S S&E #247 1-56

F. B. 2389 Pg. 50



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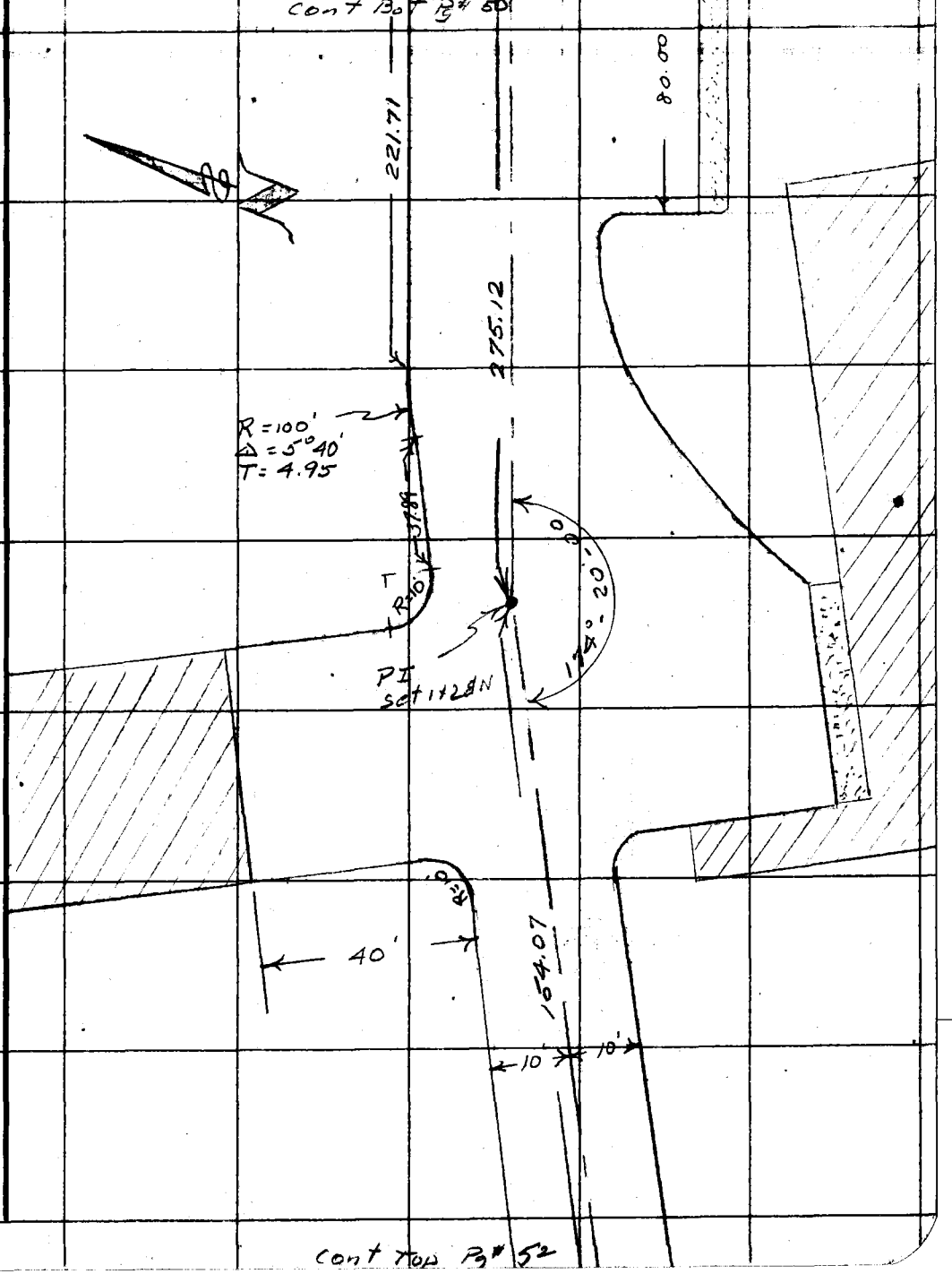
Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 8410.02 Tape 152 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R C D Date 5-6-59
Date	Indexed C. Johnson

F. B. 2389 PG. 51



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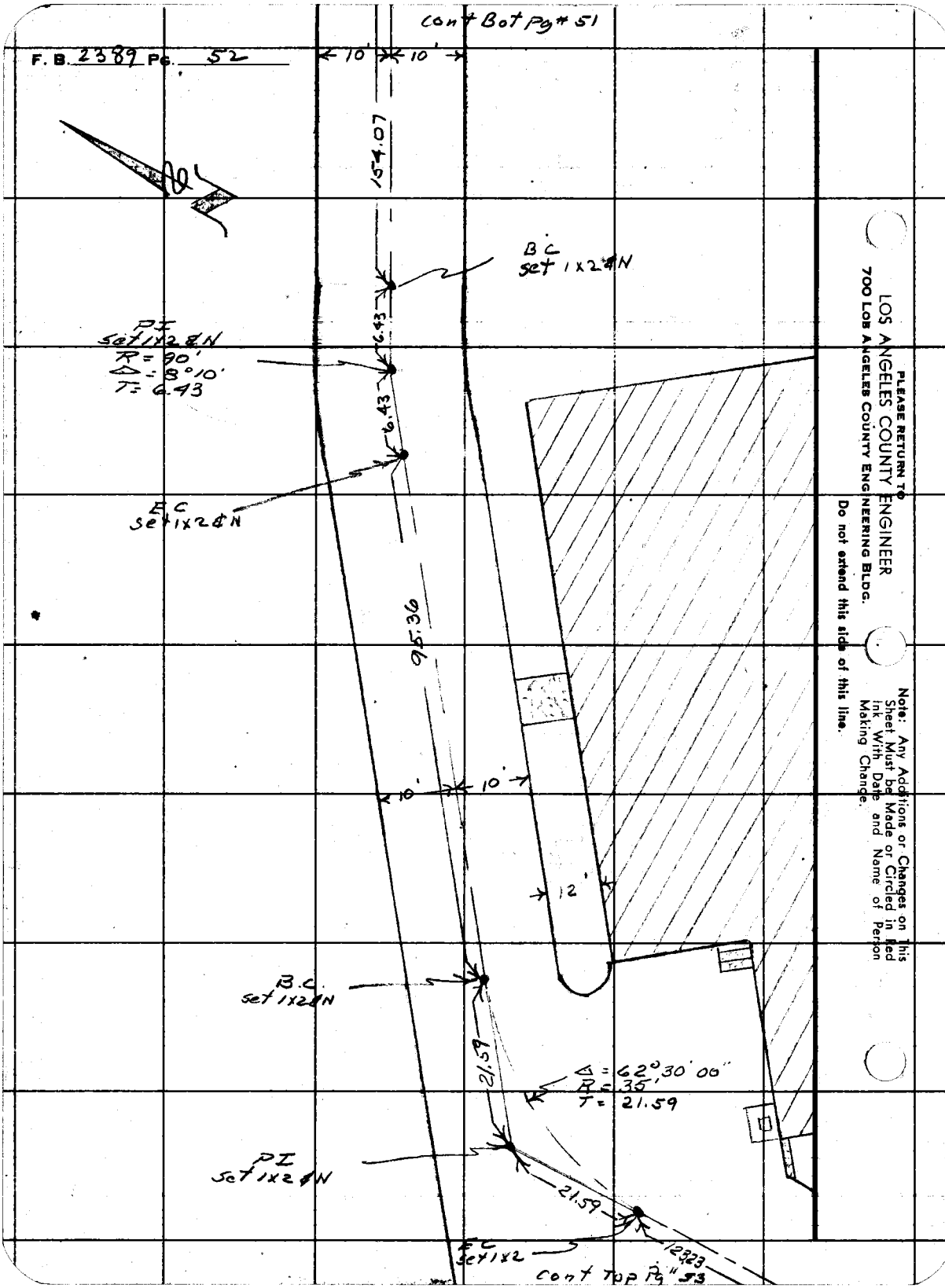
76F309S S&E #247 1-56



Cont Bot Pg # 51
F. B. 2389 Pg. 52
10'
10'
154.07
B C
set 1x2 ⌀N
PI
set 1x2 ⌀N
R = 90'
Δ = 8°10'
T = 6.43
6.43
6.43
E C
set 1x2 ⌀N
95.36
10'
10'
12'
B.C.
set 1x2 ⌀N
21.59
Δ = 62°30'00"
R = 35'
T = 21.59
PI
set 1x2 ⌀N
21.59
E C
set 1x2
123.23
Cont Top Pg # 53
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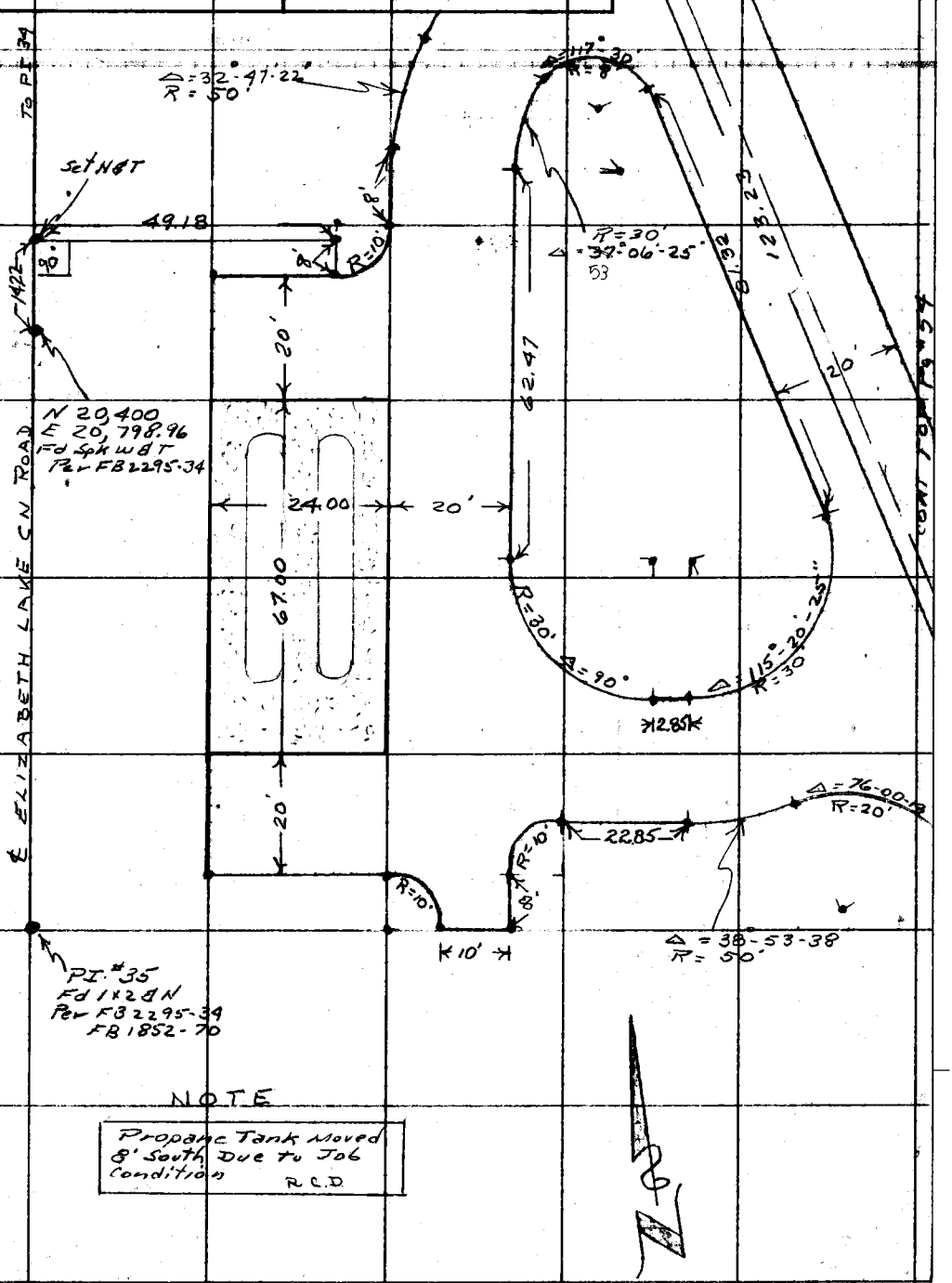
Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 84102-02 Tape 15' Std. 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R.C.D. Date 5-6-59
Date	Indexed M. C. Johnson

F. B. 2389 Pg. 53
Cont To Pg #52



NOTE

Propane Tank Moved 8' South Due to J06 Condition R.C.D

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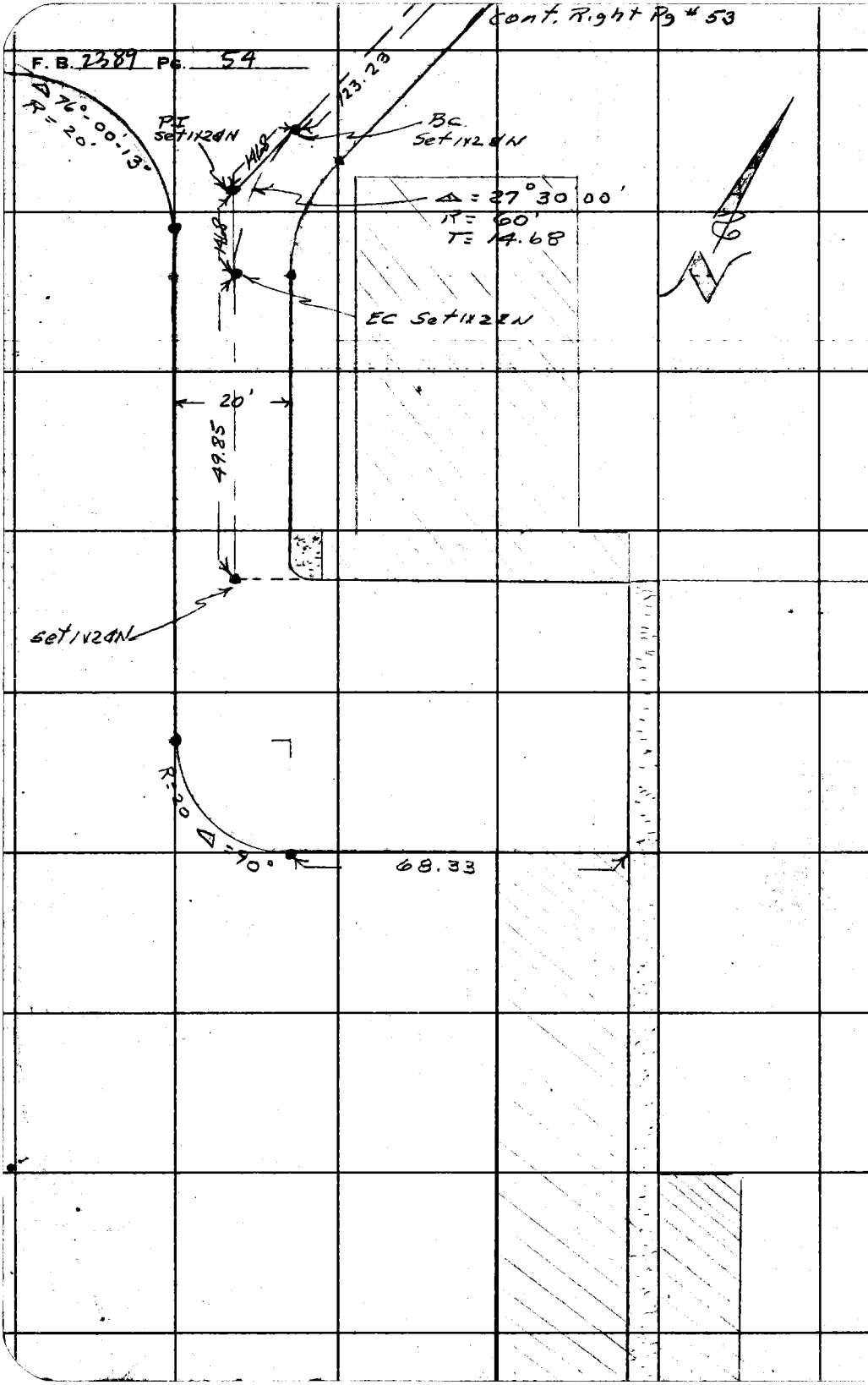
76F3095, SAE #247 1-56



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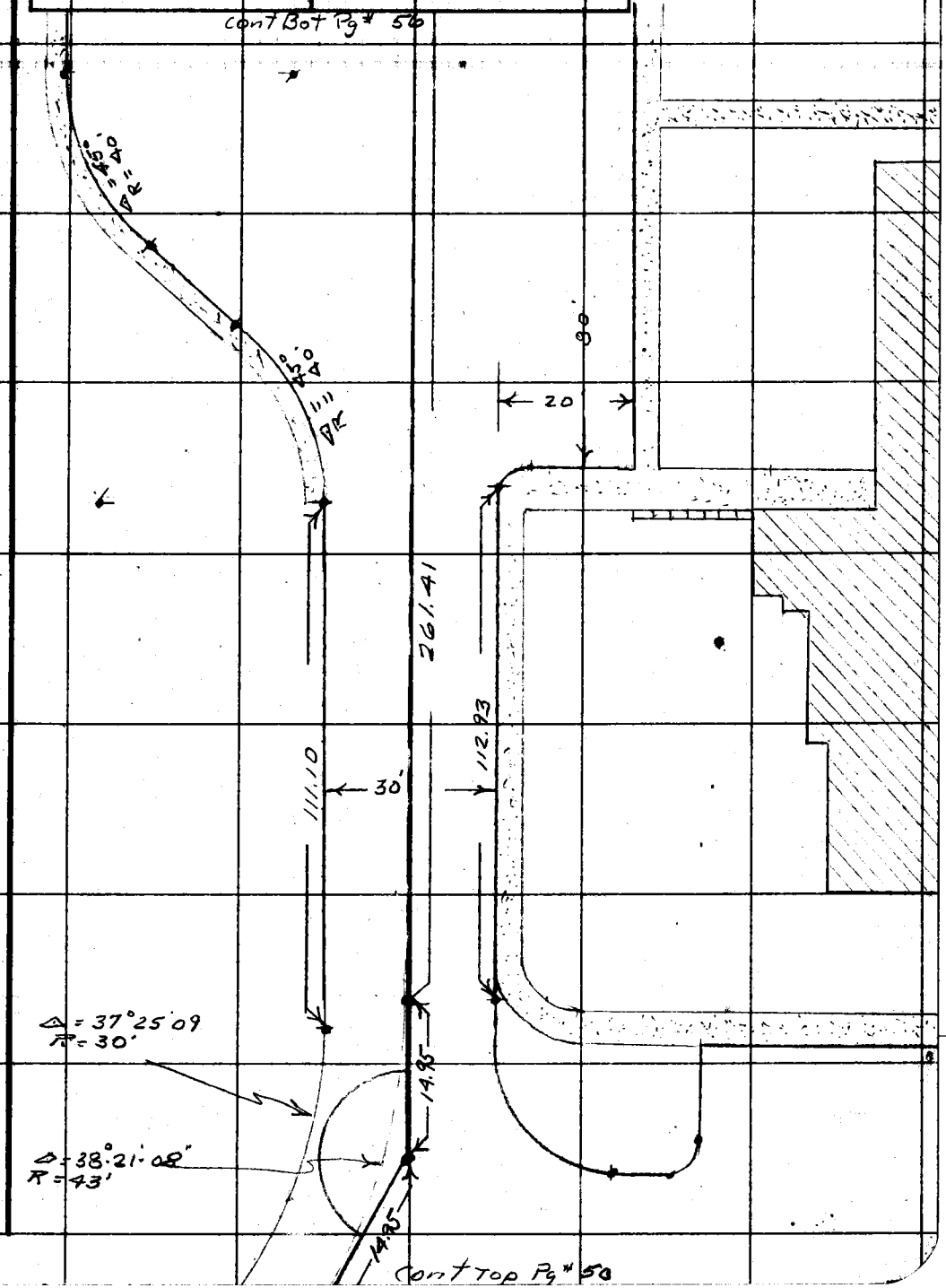
Notes Ck'd by	Survey of Lake Hughes Boys Camp	F. B. 2389 PG. 55
Map No.	JN 6410.02 Tape 152 Std. 84 °F	
Office Work	Surveyed by R C Dale	
Checked	Notes R.C.D. Date 5-7-59	
Date	Indexed E. C. Johnson	



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76F309S S&E #247 1-56

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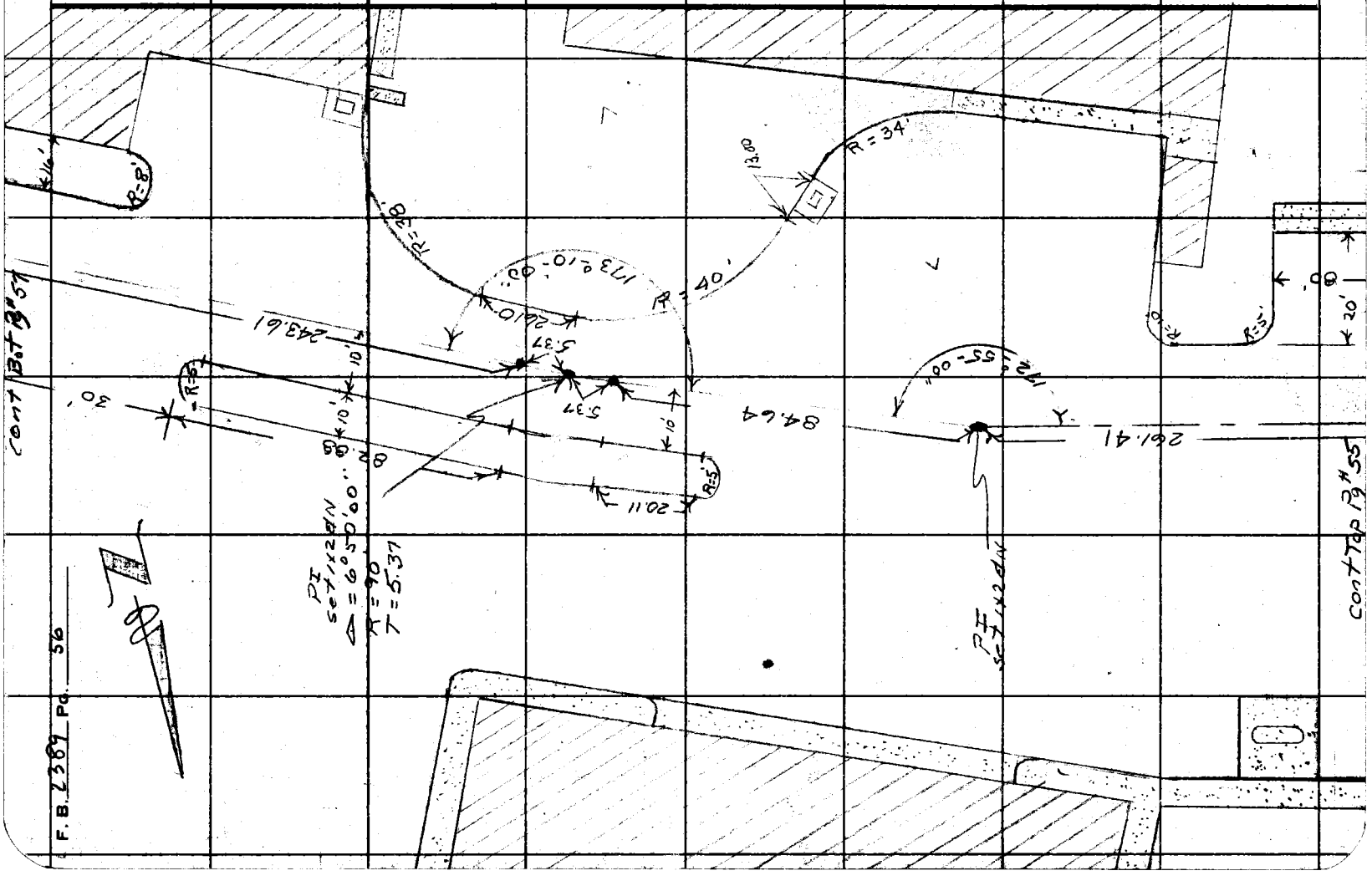

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 8410.00 Tape 152 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R.C.D. Date 5-7-59
Date	Indexed L. C. Johnson

F. B. 2389 PG. 57

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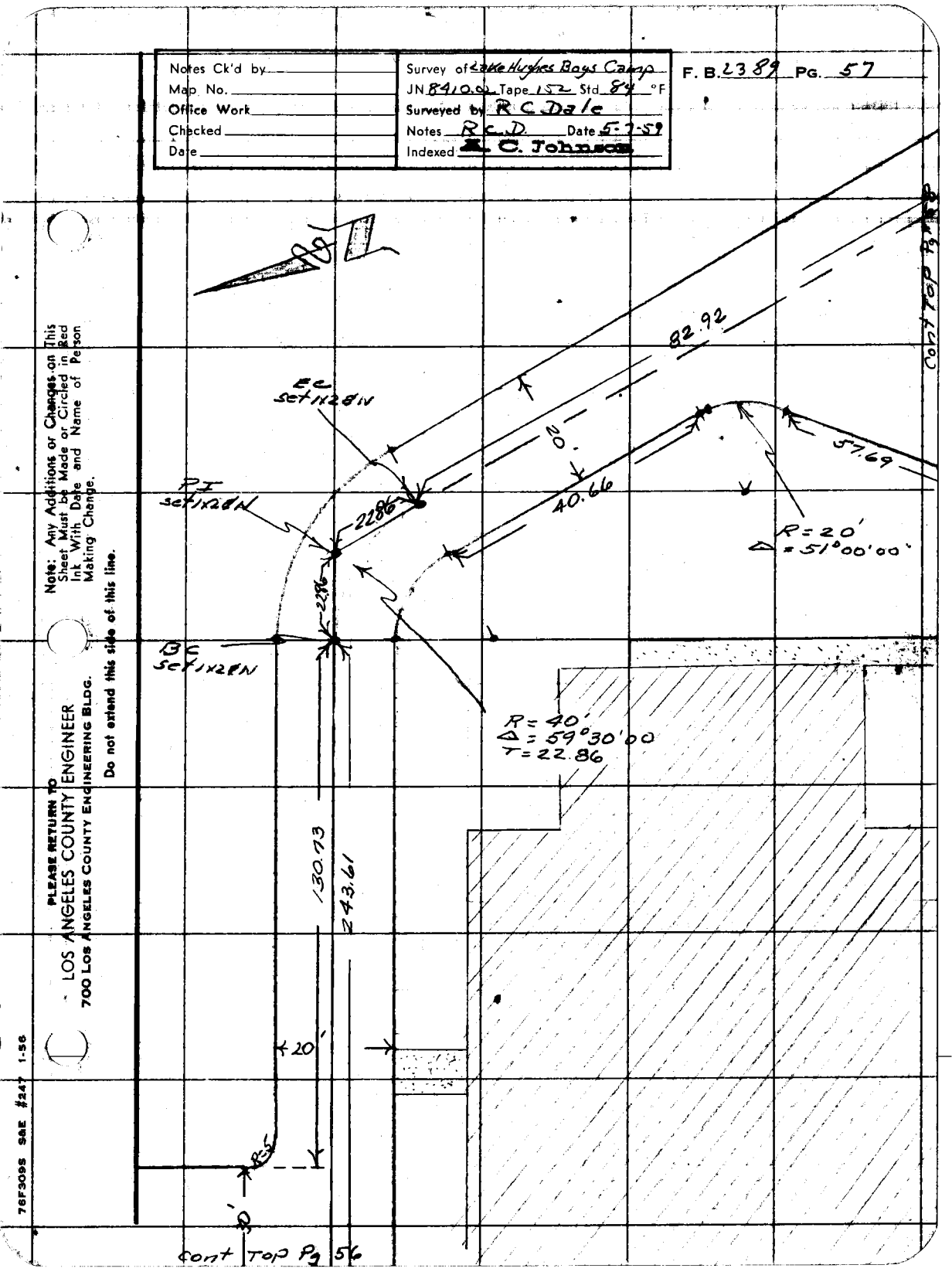
78F3095 SAE #247 1-56



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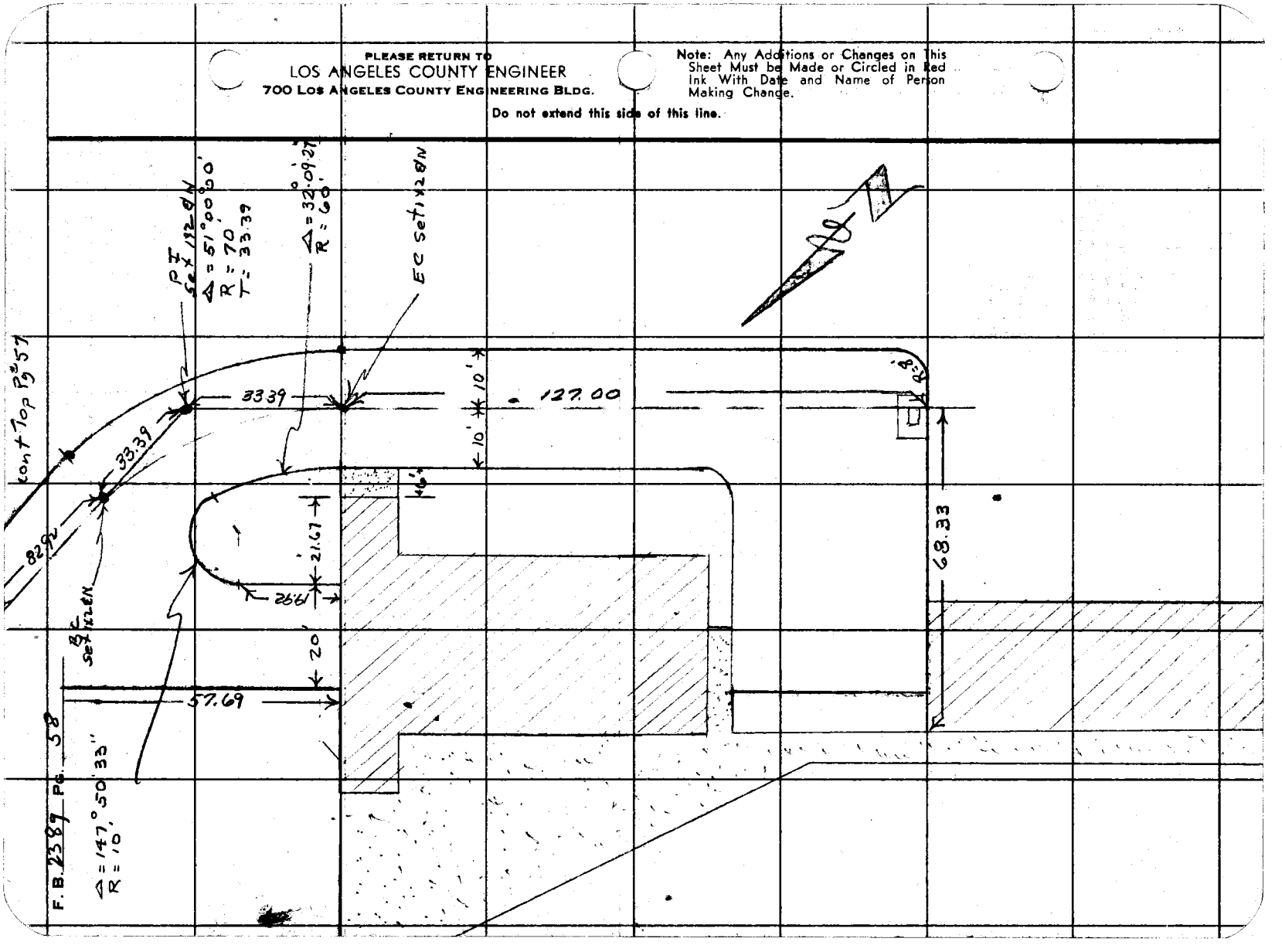

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 8410.02 Tape 152 Std 84 °F
~~Office Work~~	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 5-27-59
Date	Indexed C. Johnson

F. B. 2389 PG. 59

LAKE HUGHES

BOYS CAMP

JN 8410.02

EASEMENT LINE TO BE FENCED

PARTY
R C DALE
C.H. MORRISON
R B SMITH
B A PEAVY
L.W. JONES

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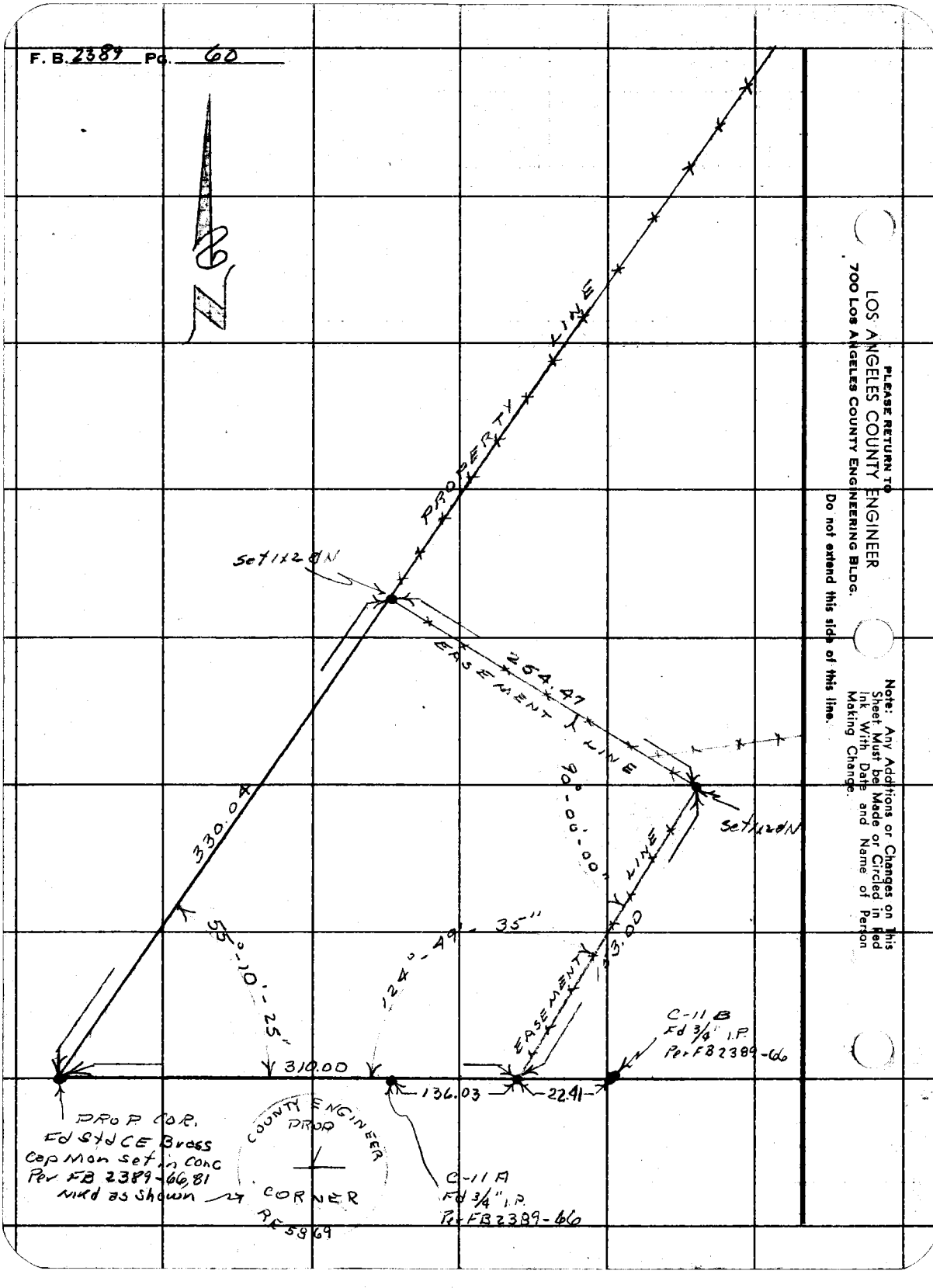
F. B. 2389 Pg. 60



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Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	JN 0000.99 Tape 154 Std 84 °F
~~Office Work~~	Surveyed by RC Dale
Checked	Notes R.C.D Date 7-9-58
Date	Indexed C. Johnson 7-24-58

F. B. 2389 PG. 61

LAKE HUGHES

BOYS CAMP

JN 8410.02

PROPERTY LINES

SUBDIVISION SECTION 33

T.7N. R.15W.

REF

FB 1852-151-240

PARTY

RC Dale

CH. Morrison

B.A. Peavy

R M Eller

R B Smith

LW Jones

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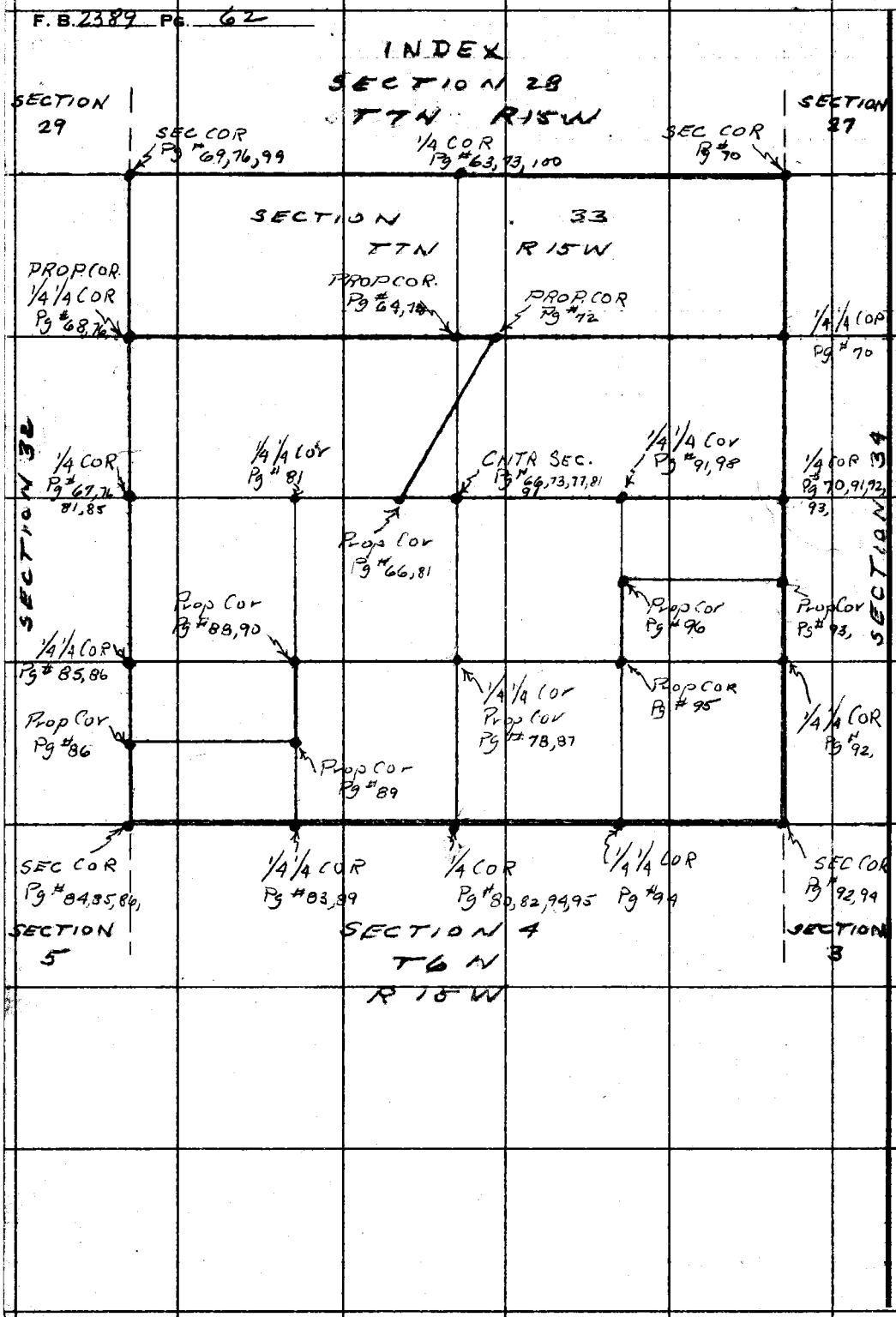
76F3095 SAE #247 1-56

F.B. 2389 Pg. 62



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Notes Ck'd by H. E. AUSTIN	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 0060.09 Tape 124 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 7-9-58
Date MAY 1960	Indexed C. Johnson

F. B. 2389 PG. 63

W.S. 73-D5

SECTION 28
T 7 N
R 15 W

1/4 COR.
Fd 1/4 on Face of Granite Cliff
with Spike Set in Lead
Per FB 1852-238

See Pg # 99, 100
For this Line

50.58

51.15 @ 8°34' T=80=50.58

A-1 0+50.58
Set 3/4" I.P. d Cap

SECTION 33
T. 7. N.
R. 15. W.

344.05

103.77 @ 20°04' T=82°= 97.47
252.38 @ 12°19' T=90°= 246.58
344.05
3

LINE

A-2 3+94.63
Set 1x28N
Top Spur

1/4

51.67 @ 14°23' T=80°= 50.05
292.89 @ 8°59' T=86°= 289.30
17.33 @ Lev. T=86°= 17.33
356.68

356.68

TRUE

Cont Top Pg #64

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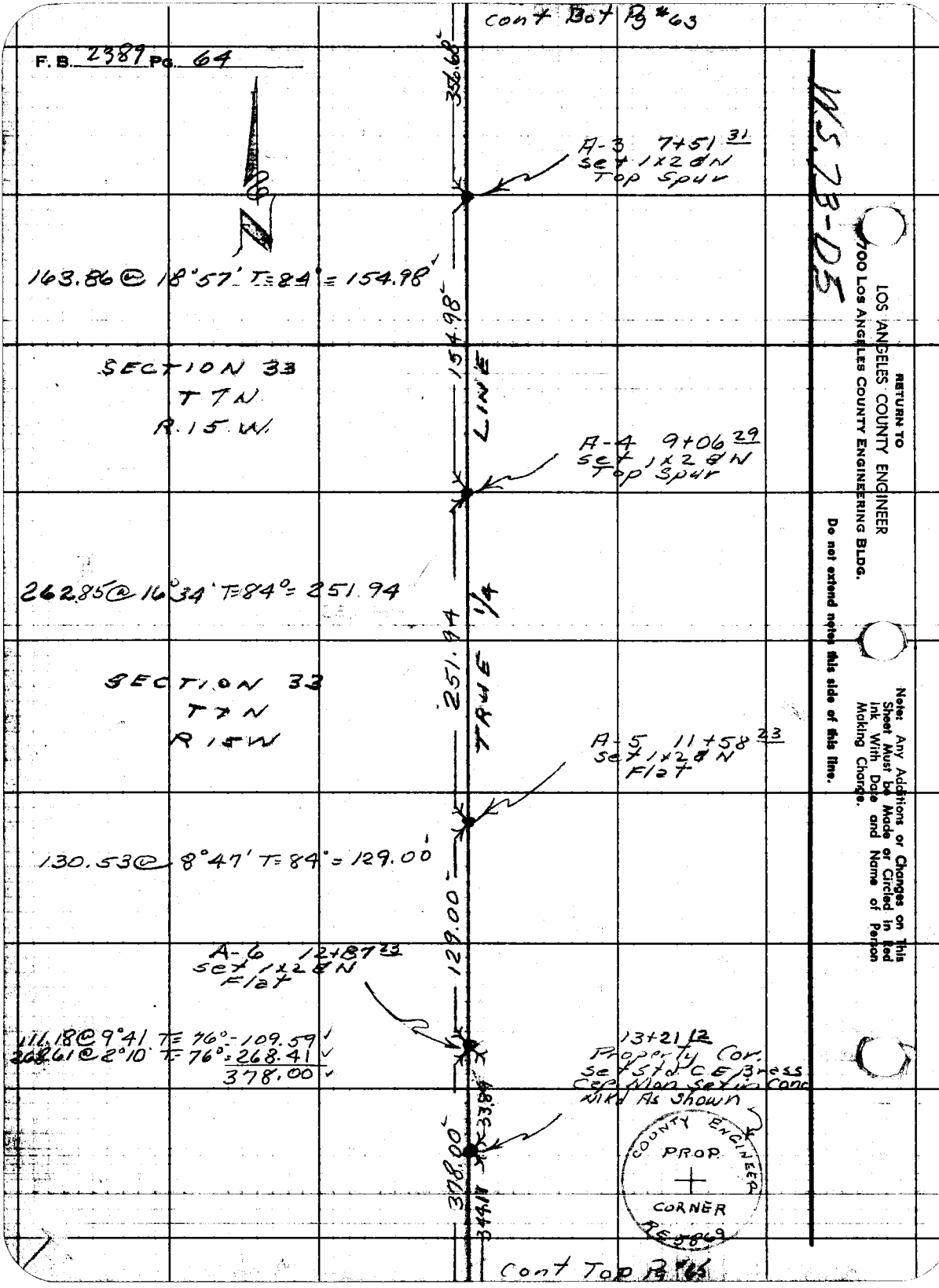
700 LOS ANGELES COUNTY ENGINEERING BLDG.

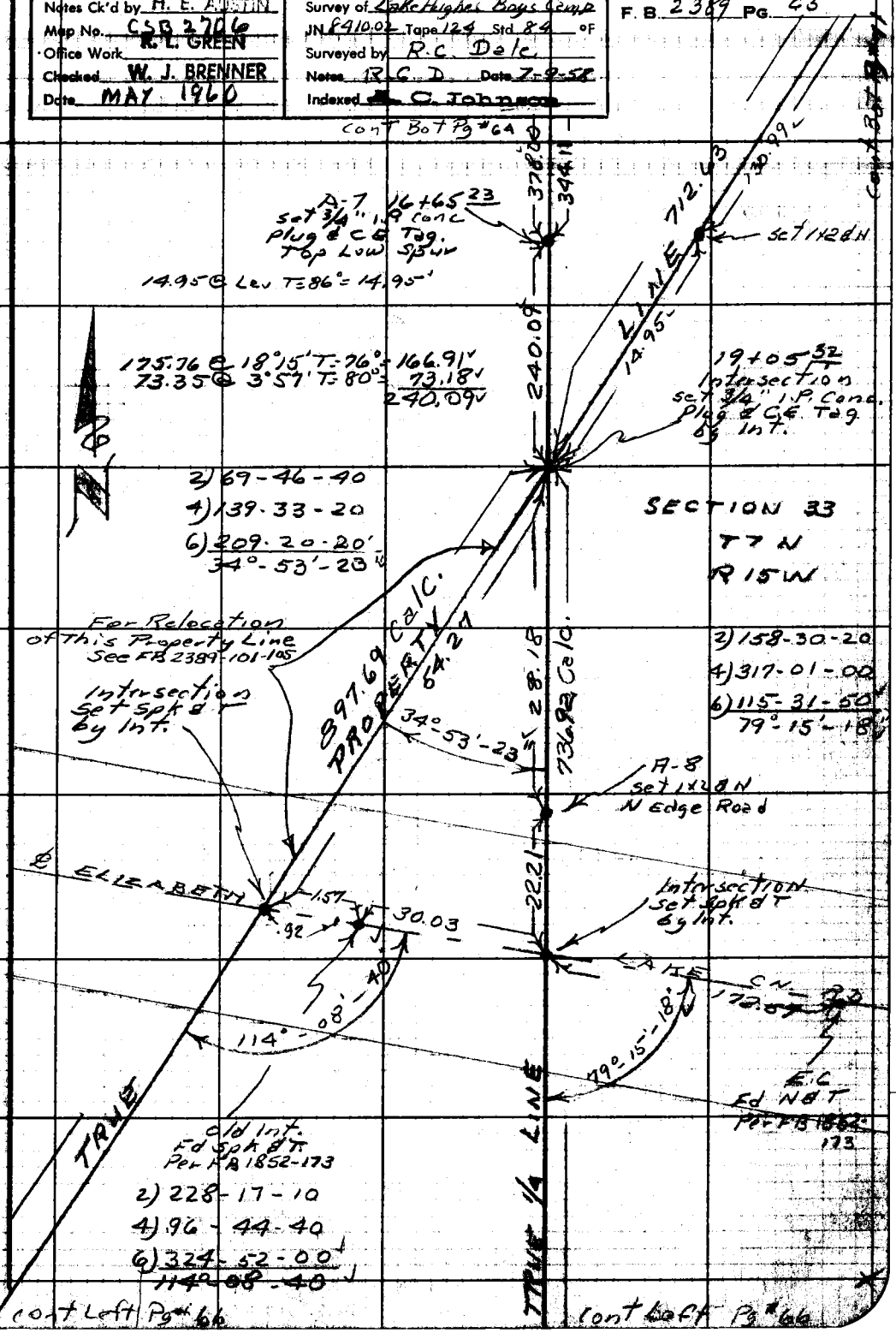
76F809S CE #247—3-57



Cont Bot Pg #63
F.B. 2389 Pg. 64
N
356.68'
A-3 7+51 31
Set 1x2 & N
Top Spur
163.86 @ 18°57' T=84° = 154.98'
154.98'
SECTION 33
T7N
R.15W.
LINE
A-4 9+06 29
Set 1x2 & N
Top Spur
262.85 @ 16°34' T=84° = 251.94
251.94
1/4
SECTION 33
T7N
R15W
TRUE
A-5 11+58 23
Set 1x2 & N
Flat
130.53 @ 8°47' T=84° = 129.00'
129.00'
A-6 12+87 23
Set 1x2 & N
Flat
111.18 @ 9°41 T=76° = 109.59
268.61 @ 2°10 T=76° = 268.41
378.00
13+21 12
Property Cor.
Set Std. C.E. Brass
Cap Mon Set in Conc
Mkd As Shown
33.84
378.00'
344.17
COUNTY ENGINEER
PROP.
CORNER
RE 5869
Cont Top Pg #65
WS 73-D5
RETURN TO
LOS ANGELES COUNTY ENGINEER
1700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. E. AUSTIN	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 8410.02 Tape 124 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 7-9-58
Date MAY 1960	Indexed C. Johnson

F. B. 2389 PG. 65

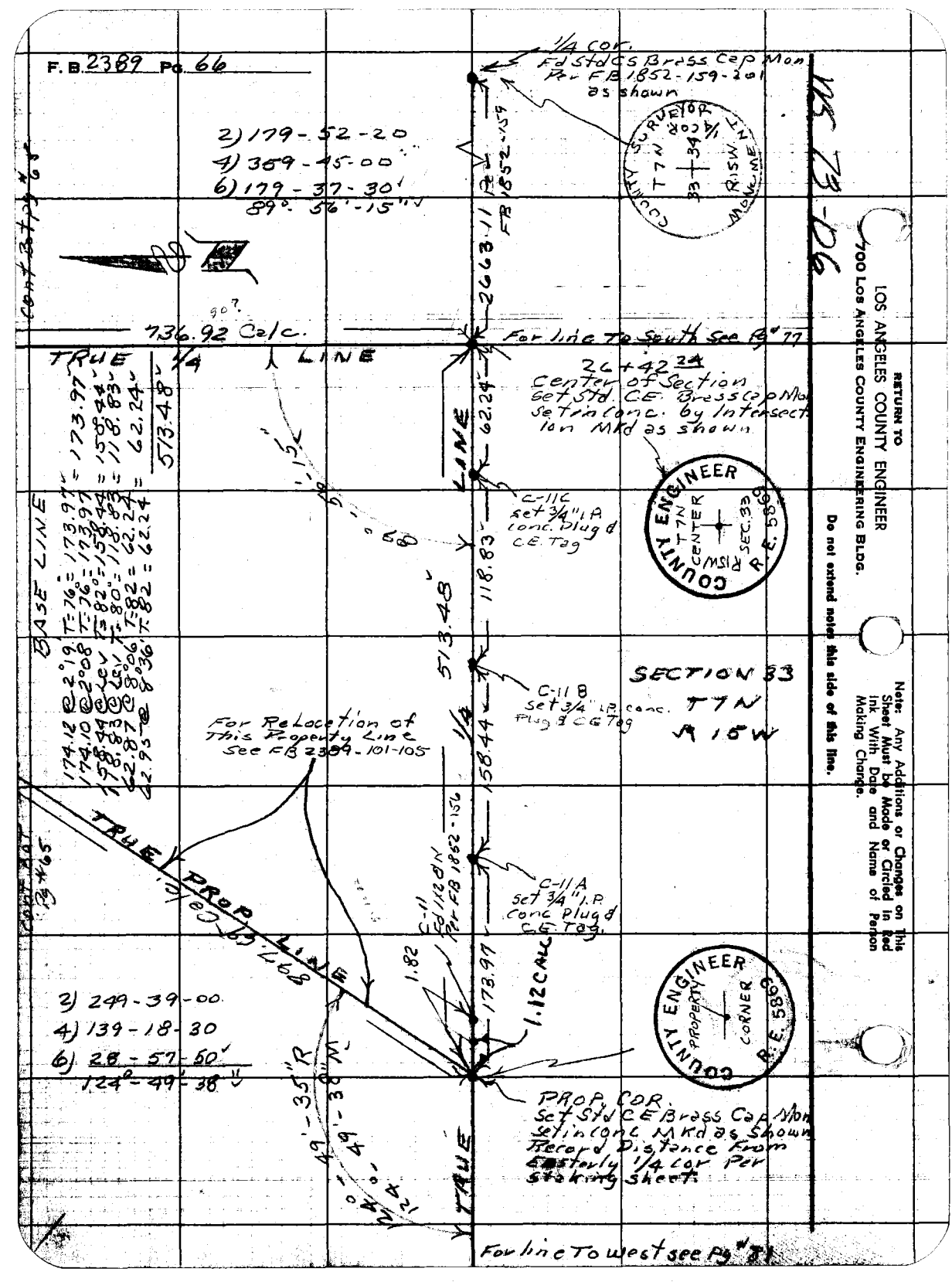


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3099 CE #247—3-57


F.B. 2389 Pg. 66
1/4 Cor.
Fd Std CS Brass Cap Mon
Per FB 1852-159-201
as shown
COUNTY SURVEYOR
T7N
33 34
1/4 COR
R15W
MONUMENT
2) 179-52-20
4) 359-45-00
6) 179-37-30
89°-56'-15"
2663.11 Pe
FB 1852-159
Cont Bot Pg #65
736.92 Calc.
For line To South see Pg #77
TRUE 1/4 LINE
26+42.24
Center of Section
Set Std. C.E. Brass Cap Mon
Set in Conc. by Intersection Mkd as shown
62.24
LINE
C-11C
Set 3/4" I.P.
Conc. Plug &
C.E. Tag
COUNTY ENGINEER
T7N
CENTER
R15W
SEC. 33
R.E. 5869
118.83
513.48
BASE LINE
174.12 @ 2°19' T=76° = 173.97
174.10 @ 2°08' T=76° = 173.97
158.44 @ Lev T=82° = 158.44
118.83 @ Lev T=80° = 118.83
62.87 @ 8°06' T=82 = 62.24
62.95 @ 8°36' T=82 = 62.24
513.48
C-11B
Set 3/4" I.P. Conc.
Plug & C.E. Tag
SECTION 33
T7N
R15W
For Relocation of
This Property Line
See FB 2389-101-105
1/4
158.44
TRUE PROP LINE
Cont Bot Pg #65
C-11A
Set 3/4" I.P.
Conc Plug &
C.E. Tag
C-11
Fd 1/2 DN
Per FB 1852-156
1.82
173.97
1.12 CALC
2) 249-39-00
4) 139-18-30
6) 28-57-50
124°-49'-38"
COUNTY ENGINEER
PROPERTY
CORNER
R.E. 5869
PROP. COR.
Set Std C.E. Brass Cap Mon
Set in Conc. Mkd as Shown
Record Distance From
Easterly 1/4 Cor Per
Staking Sheet
TRUE
For line To West see Pg #81
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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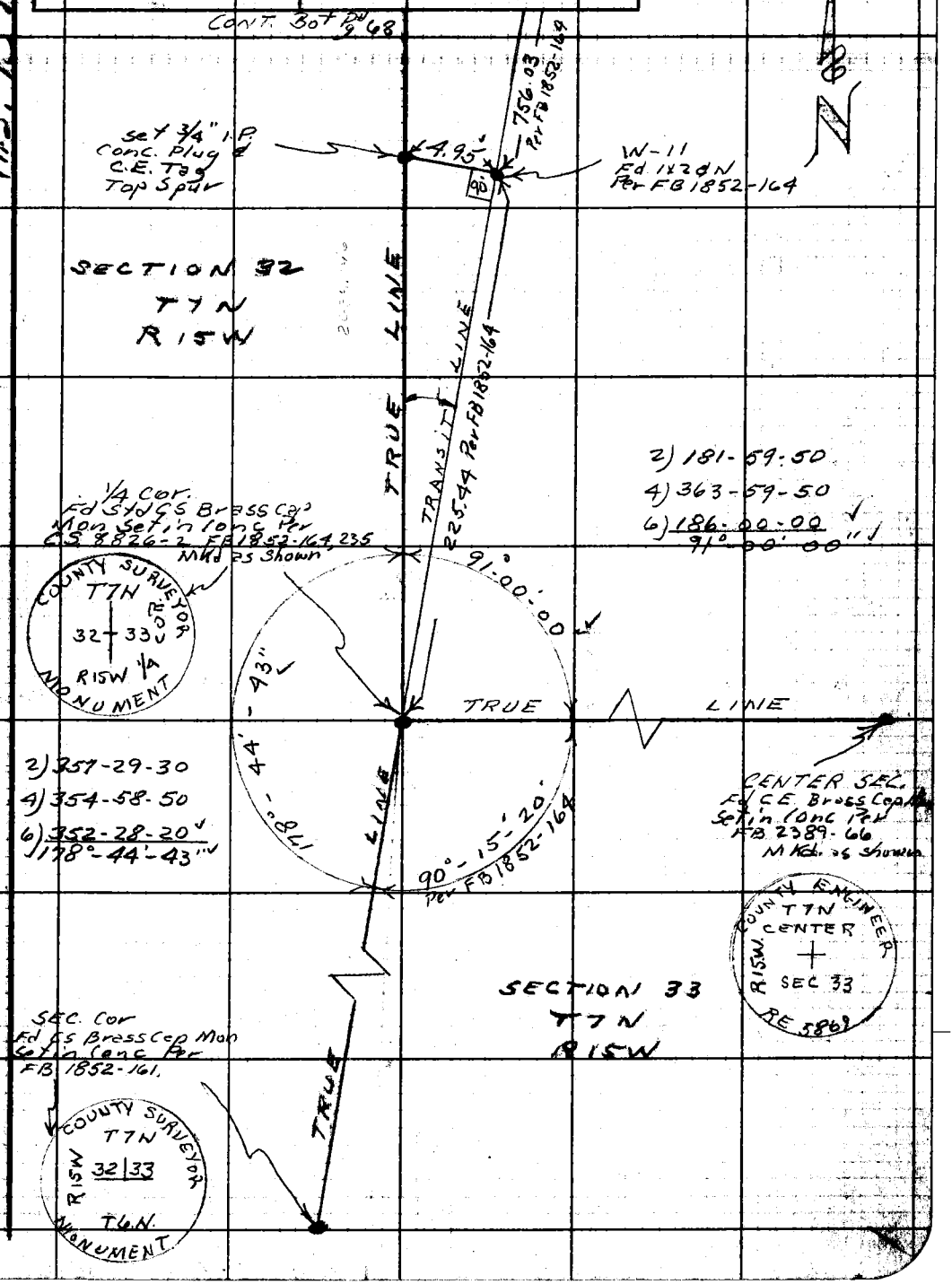
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by [illegible]	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN0060.09 Tape 124 Std. 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 7-27-58
Date MAY 1960	Indexed [illegible] C. Johnson

F. B. 2389 PG. 67

W.S. 73-06

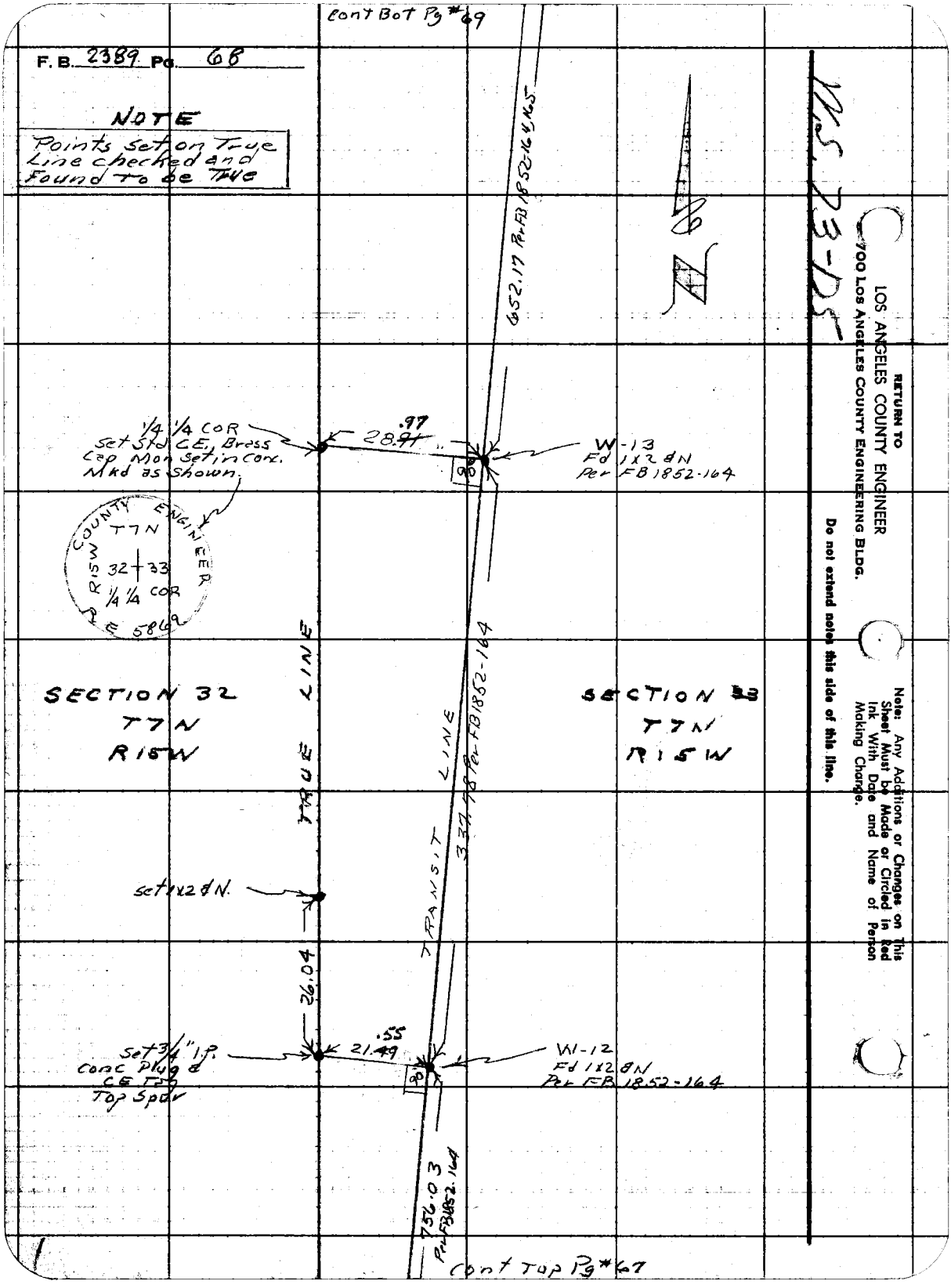


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

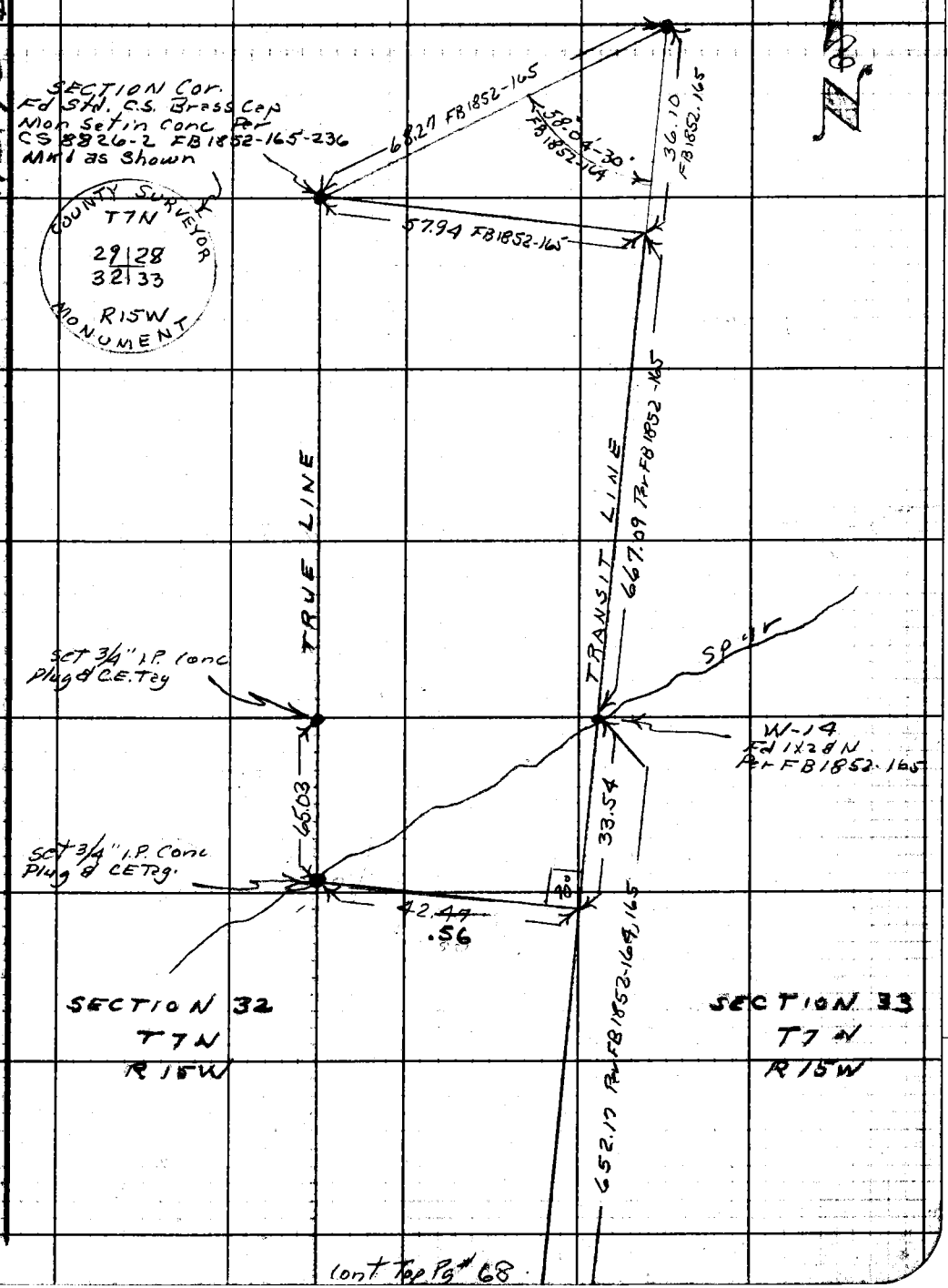
76F309S CE #247—3-57


Cont Bot Pg #69
F.B. 2389 Pg. 68
NOTE
Points set on True Line checked and Found to be True
652.17 Per FB 1852-164, 165
1/4 1/4 COR
Set Std CE, Brass Cap Mon Set in Conc. Mkd as shown.
28.91
.97
W-13
Fd 1x2 8N
Per FB 1852-164
COUNTY ENGINEER
T7N
R15W
32 33
1/4 1/4 COR
RE 5869
SECTION 32
T7N
R15W
TRUE LINE
TRANSIT LINE
337.78 Per FB 1852-164
SECTION 33
T7N
R15W
set 1x2 8N.
26.04
Set 3/4" I.P. Conc Plug & CE Tag Top Spur
21.49
.55
W-12
Fd 1x2 8N
Per FB 1852-164
756.03
Per FB 1852-164
Cont Top Pg #67
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No. CSB 27010	JN 0060.09 Tape 124 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 7-22-58
Date MAY 1960	Indexed C. Johnson

F. B. 2389 PG. 69

MS 73-D5



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

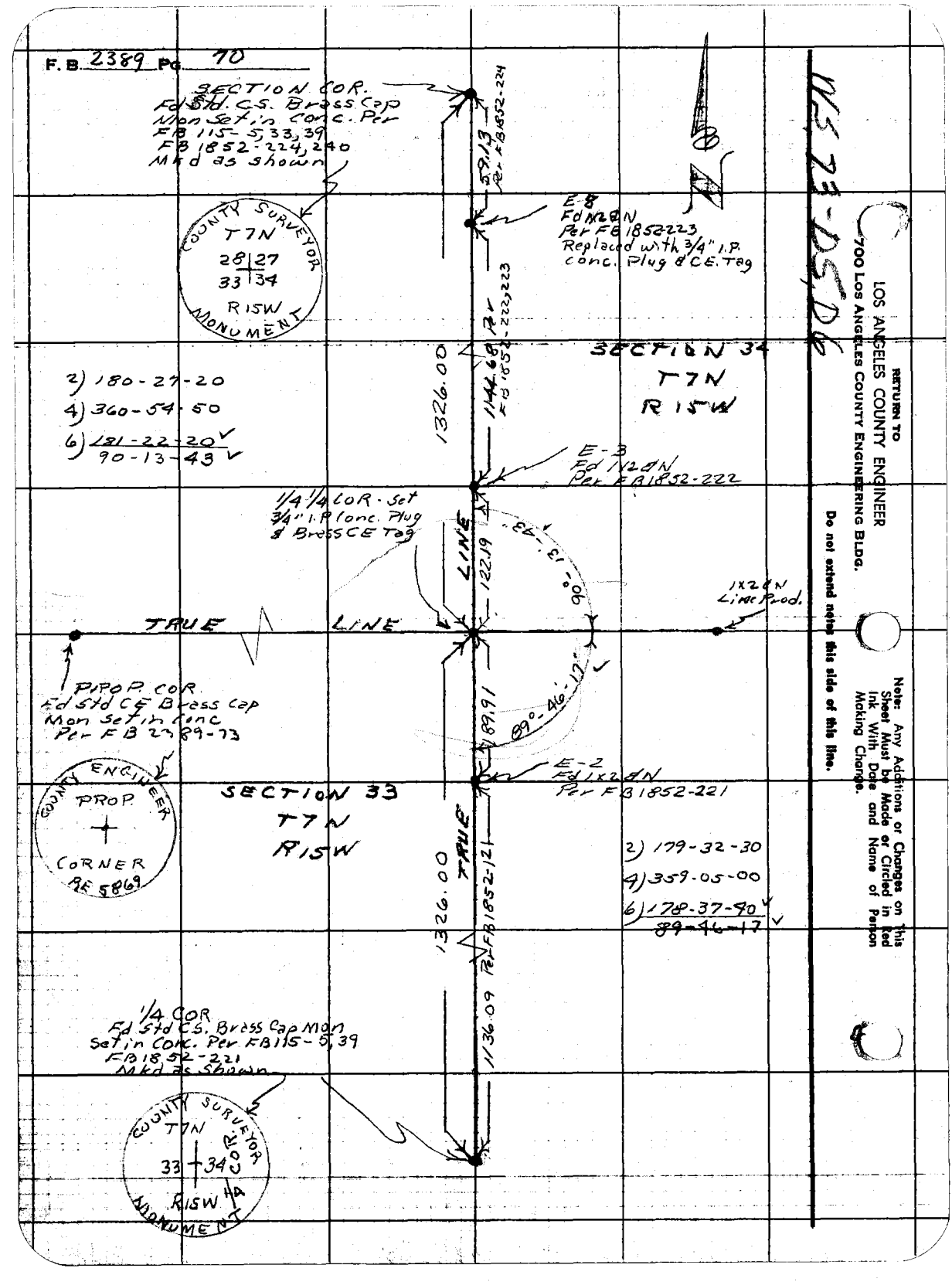
Do not extend notes this side of this line.

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

76F3095 CE #247—3-57

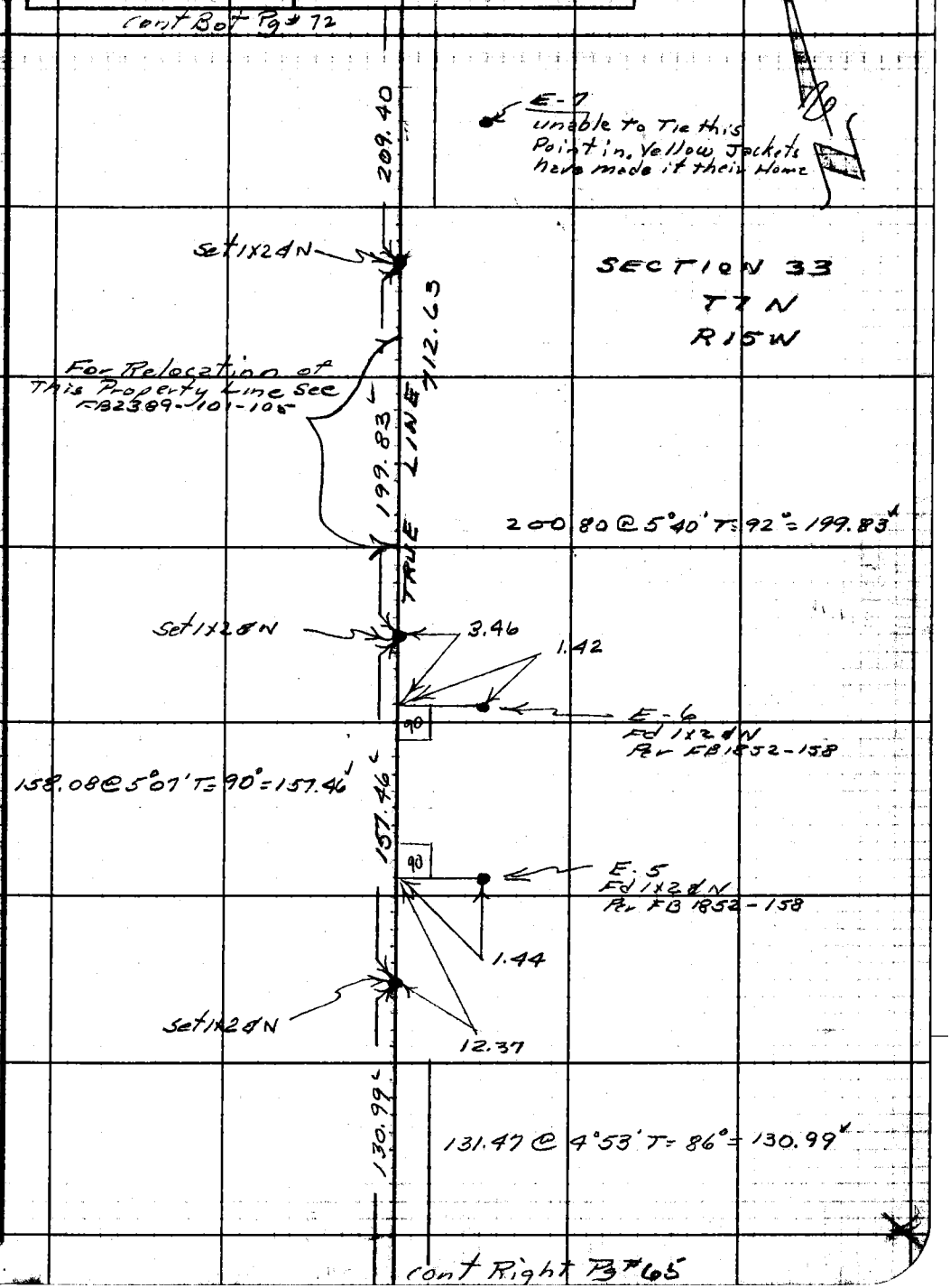
Cont Top Pg # 68

F.B. 2389 Pg. 70


SECTION COR.
Fd Std. C.S. Brass Cap
Mon Set in Conc. Per
FB 115-5, 33, 39
FB 1852-224, 240
Mkd as shown
COUNTY SURVEYOR
T7N
28 | 27
33 | 34
R15W
MONUMENT
59.13
Per FB 1852-224
E-8
Fd N2.0N
Per FB 1852223
Replaced with 3/4" I.P.
conc. Plug & CE. Tag
1326.00
1144.68
FB 1852-222, 223
SECTION 34
T7N
R15W
2) 180-27-20
4) 360-54-50
6) 181-22-20
90-13-43
E-3
Fd 1N2.0N
Per FB 1852-222
1/4 1/4 COR - Set
3/4" I.P. Conc. Plug
& Brass CE Tag
LINE
122.19
90°-13'-43"
1X2.0N
Line Prod.
TRUE
LINE
PROP. COR.
Fd Std CE Brass Cap
Mon Set in Conc
Per FB 2389-73
COUNTY ENGINEER
PROP.
CORNER
RE 5869
89°-46'-17"
89.91
E-2
Fd 1X2.0N
Per FB 1852-221
SECTION 33
T7N
R15W
TRUE
1326.00
Per FB 1852-121
2) 179-32-30
4) 359-05-00
6) 178-37-40
89-46-17
1136.09
1/4 COR
Fd Std CS. Brass Cap Mon
Set in Conc. Per FB 115-5, 39
FB 1852-221
Mkd as Shown
COUNTY SURVEYOR
T7N
33 | 34
R15W
1/4 COR
MONUMENT
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No. CSB 27D76	JN 0060.09 Tape 124 Std. 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 7-28-58
Date MAY 1960	Indexed [illegible] O. Johnson

F. B. 2389 PG. 71



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

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

76F3099 CE #247—3-57

F.B. 2389 Pg. 72

SECTION 33
T7N
R15W

VLS. 73-D5

291.67 @ 3°37' T=88 = 291.10

21.28 @ Lev T=90 = 21.28

E-8
Fd 1x2 d N
Per FB 1852-158

90°

1.42

1/4 1/4 COR
Fd 3/4" I.P. Conc
Plug & CE Tag
Per FB 2389-70

Set 1x2 d N

12.84

2" I.P.
up 3'

5.00

407.64

TRUE LINE

21.28

291.10

PROPERTY COR.
Set Std C.E. Brass Cap
Mon Set in Conc. by
Intersection Mkd
as shown

55°-04'-10"

For Relocation of
This Property Line
See FB 2389-101-105

COUNTY ENGINEER
PROP.
CORNER
RE 5869

2) 110-08-20
4) 220-16-40
6) 330-25-00
55°-04'-10

209.40

712.63

TRUE LINE

210.30 @ 5°20' T=92° = 209.40

Cont Top Pg #73

Cont Top Pg #11

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

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

Notes Ck'd by H. E. AUSTIN	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 0060.07 Tape 124 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 7-28-58
Date MAY 1960	Indexed R. C. Johnson

F. B. 2389 PG. 73

W.S. 73-85 D6

CONT. Left Pg # 72

2) 180-04-40
4) 360-09-20
6) 180-14-20
90°-02'-23"

95.26 @ Lev T=90°=95.26

SECTION 33
T 1 N
R 15 W

291.10
407.64

Set 1x2 8 N
Top Low Spur

2) 179-55-10
4) 359-50-30
6) 179-46-00
89°-57'-40"

COUNTY ENGINEER PROP CORNER RE 5869

PROP COR
Fd Std CE Brass
Cap Mon Set in
Conc Per FB 2389-66
0+00 WEST

89°-57'-40"
95.26
TRUE LINE
90°-02'-23"

TRUE LINE
1321.12
1321.12

1/4 COR
Fd Spk. Set in Lead
on Granite
cliff Per FB 1852-238
FB 2389-63

CNTR. SECTION
Fd Std Brass Cap
Mon Set in Conc
Per FB 2389-66

89°-58'-10"
216.18
90°-01'-53"

216.41 @ 2°39' T=84°=216.18

2+16 18
Set 1x2 8 N
Top Low Spur

COUNTY ENGINEER T 1 N CENTER R 15 W SEC 33 RE 5869

2) 180-03-40
4) 360-07-20
6) 180-11-20
90°-01'-53"

2) 179-56-20
4) 359-52-40
6) 179-49-00
89°-58'-10"

226.20
TRUE LINE

226.24 @ 0°52' T=78°=226.20

Cont Top Pg # 74

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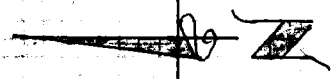
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

cont Bot Pg #73

F.B. 2389 Pg. 74



226.40

4+42 38
Set 1x2 DN
Top Low Spur

246.49 @ 8°14' T=76° = 243.94

248.94 TRUE

SECTION 33
T7N
R15W

6+86 92
Set 1x2 DN
Top Low Spur

295.23 @ 1°07' T=82 = 295.17

295.17 TRUE

9+81 49
Set 1x2 DN
Side Hill

142.72 @ 24°47' T=88° = 129.55
18.87 @ Lev T=88° = 18.87
148.42

148.45 TRUE

11+29 94
Set 3/4" I.R. Conc
Plug & CE Tag
Top Spur

298.38 @ Lev T=82° = 298.38

298.38 TRUE

Cont Top Pg #75

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

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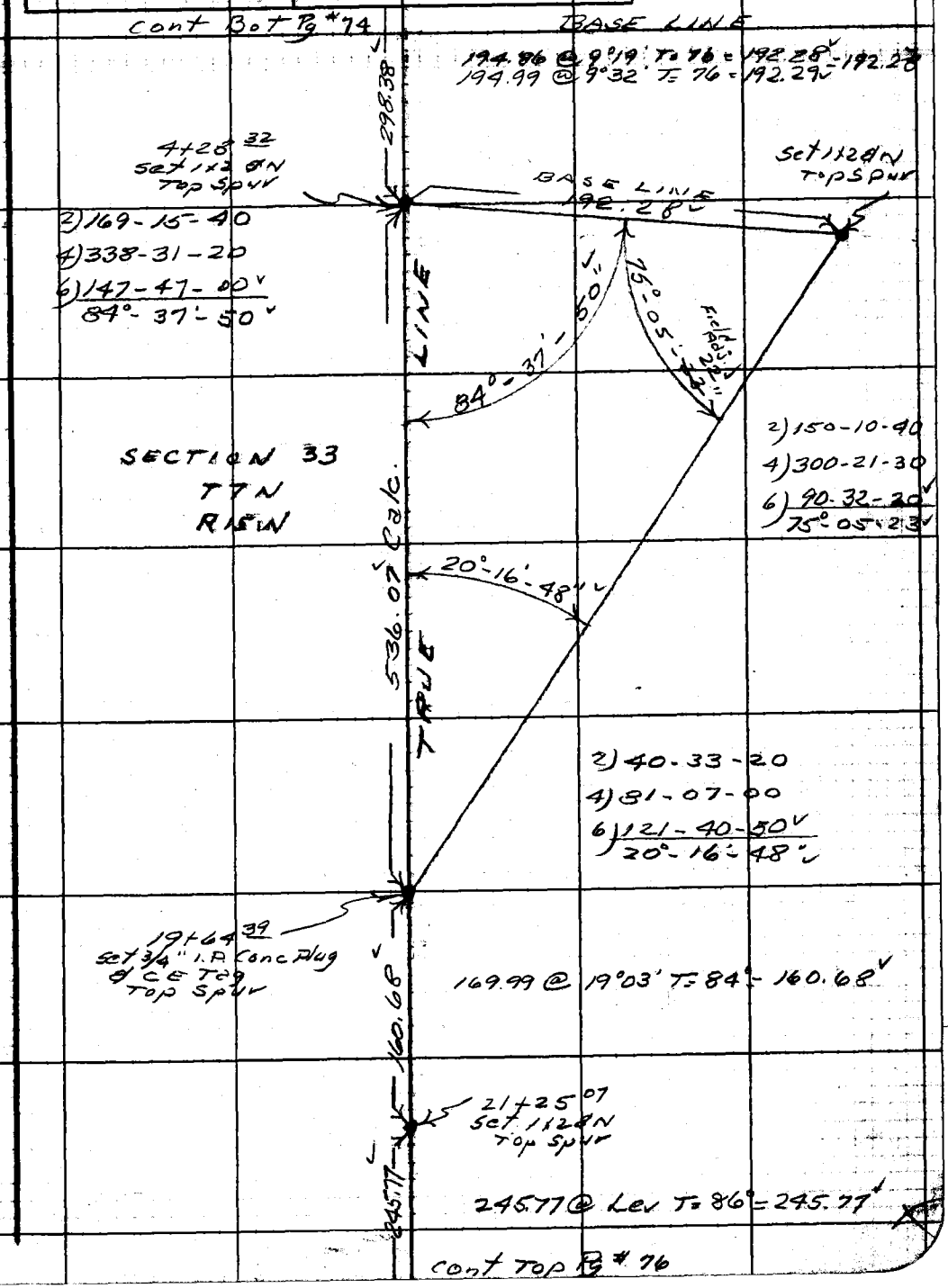
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by [illegible]	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 0060.09 Tape 124 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 7-28-58
Date MAY 1960	Indexed [illegible] C. Johnson

F. B. 2389 PG. 75

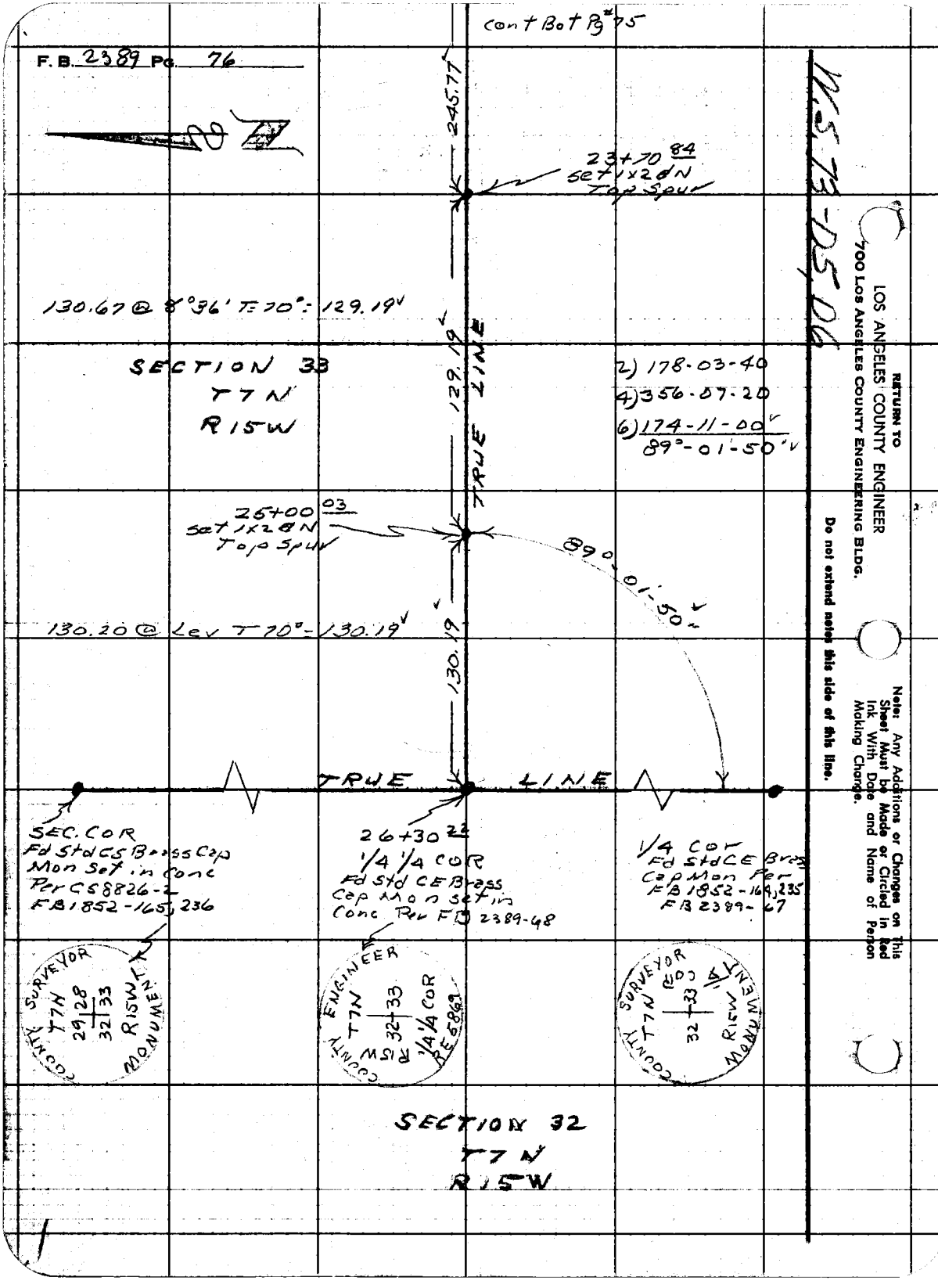


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57



cont Bot Pg #75
F.B. 2389 Pg. 76
245.77
23+70 84
set 1x2 ⊗N
Top Spur
130.67 @ 8°36' T=70°: 129.19
SECTION 33
T7N
R15W
129.19
TRUE LINE
2) 178-03-40
4) 356-07-20
6) 174-11-00
89°-01-50
25+00 03
set 1x2 ⊗N
Top Spur
89°-01-50
130.20 @ Lev T 70°-130.19
130.19
TRUE LINE
SEC. COR
Fd Std CS Brass Cap
Mon Set in Conc
Per CS 8826-2
FB 1852-165, 236
26+30 22
1/4 1/4 COR
Fd Std CE Brass
Cap Mon set in
Conc Per FB 2389-48
1/4 COR
Fd Std CE Brass
Cap Mon Per
FB 1852-164, 235
FB 2389-67
COUNTY SURVEYOR
T7N
29 28
32 33
R15W
MONUMENT
COUNTY ENGINEER
T7N
32 33
R15W
1/4 1/4 COR
RE 5869
COUNTY SURVEYOR
T7N
32 33
R15W
MONUMENT
SECTION 32
T7N
R15W
W.S. 73-D5, 06
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by
Map No. CS13 2706
Office Work R. L. GREEN
Checked W. J. BRENNER
Date MAY 1960

Survey of Lake Hughes Boys Camp
JN 0060.09 Tape Std 84 °F
Surveyed by R.C. Dale
Notes R.C.D. Date 8-7-58
Indexed [illegible] C. Johnson

F. B. 2389 Pg. 77

N.S. 73-D6

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

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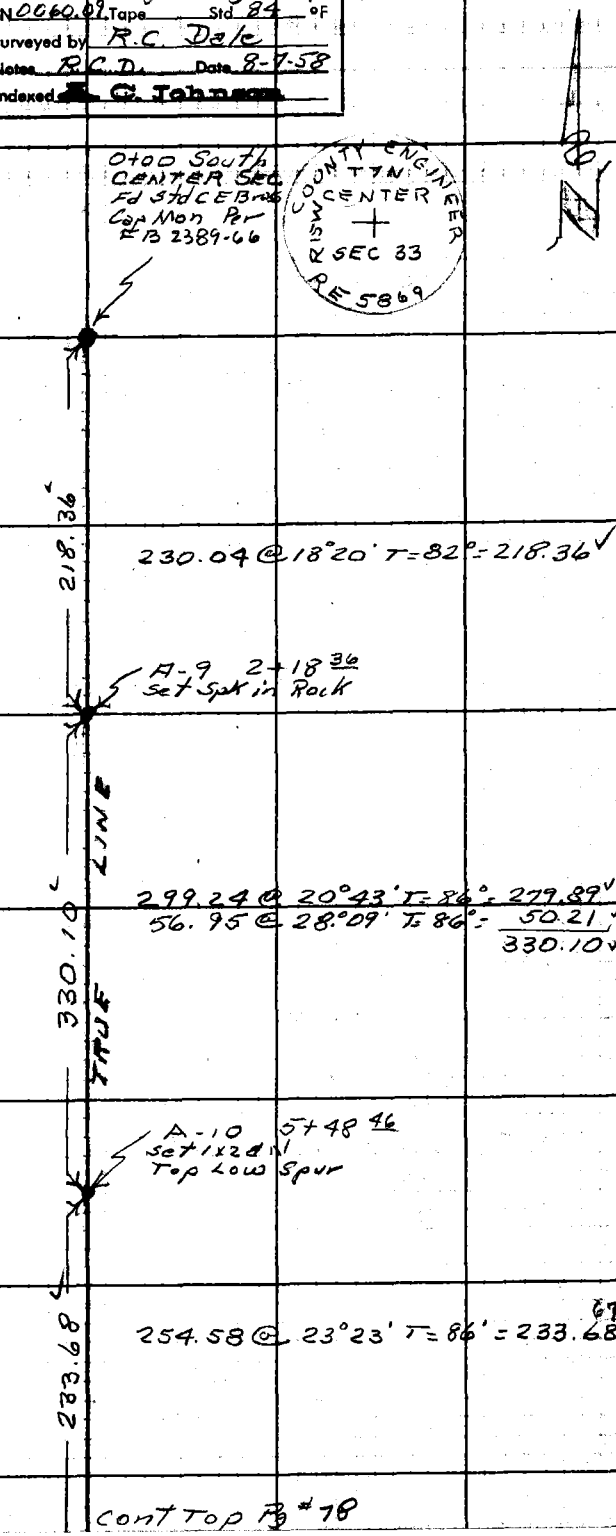
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57



Cont Top Pg #78

Cont Bot Pg # 77

F.B. 2389 Pg. 78

233.68

A-11 7+82 14
Set 3/4" I.P. Conc
Plug & CE Tag
Top Ridge

110.31 @ 13°45' T=88° = 107.15

107.15

SECTION 33
T7N
R15W

LINE

A-12 8+89 29
Set 1x2 & N
Spur

286.94 @ 11°46' T=90° = 280.92 .91

280.92 .91

TRUE

A-13 11+70 21
Set 1x2 & N
Top Low Spur

173.24 @ 11°07' T=92° = 170.00

151.715

170.00

13+21 925
Property Cor.
(1/4 1/4 Cor)
Set Std CE Brass
Cap Mon Set in Conc.

158.645 @ 17°01 T=94° = 151.715

COUNTY ENGINEER
PROP.
CORNER
RE 5869

19.58 @ 38°05' T=92 = 15.41
2.875 @ Lev T=92 = 2.875
18.285 .29

18.285 .29

Cont Top Pg # 79

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

Do not extend notes this side of this line.

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

KS 73-06

Notes Ck'd by
Map No. CS B 2706
Office Work R. L. GREEN
Checked W. J. BRENNER
Date MAY 1960

Survey of Lake Hughes Boys Camp
JN 0060.09 Tape Std. 84 °F
Surveyed by R.C. Dale
Notes R.C.D. Date 8-7-58
Indexed C. Johnson

F. B. 2389 Pg. 79

cont Bot Pg # 78

170.00

18.28

A-14 13+40.21
Set 1x2 IN
S. Side Draw

110.20 @ 31°50' T=86° = 93.62
59.71 @ 22°17' T=86° = 55.25
148.87

148.87

SECTION 33
T 7 N
R 15 W

A-15 14+89.08
Set 1x2 IN
N Side Spur

44.60 @ 9°24' T=88° = 44.00

44.00

A-16 15+33.08
Set 1x2 IN
S. Side Spur

175.42 @ 5°11' T=88° = 174.70

174.70

A-17 17+07.28
Set 1x2 IN
Top Low Spur

118.36 @ 11°22' T=88° = 116.04

116.04

Cont Top Pg # 80

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

Do not extend notes this side of this line.

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

76F309S CE #247—3.57

Cont Bot Pg # 79

F.B. 2389 Pg. 80

116.04

A-18 18+23 82
set 1x2 d N
Side hill

248.73 @ 11°21' T=92° = 243.88

243.88 LINE

A-19 20+67 90
set 1x2 8 N
Low Spur

SECTION 33
T7N
R15W

218.61 @ 27°24' T=92° = 194.10
31.30 @ 22°04' T=88° = 29.01
223.11

223.11 TRUE

A-20 22+90 81
set 1x2 8 N
Top Spur

8.00 @ Lev T=92° = 8.00
296.64 @ 17°01' T=92° = 283.67
71.60 @ 31°00' T=88° = 61.37
353.04

353.04

26+43 85

1/4 Cor.
Fd 18 X 12 X 4 Granite Stone
1/4 on N. Face. Stone Md on
South Side. Per CS 9273
FB 1852-230 Replaced
with Std CE Brass Cap Mon
set in Conc. Mkd as Shown

COUNTY ENGINEER
T7N
R15W SEC33
SEC4 1/4 COR
T6N
RE 5869

Vis 73-D6

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

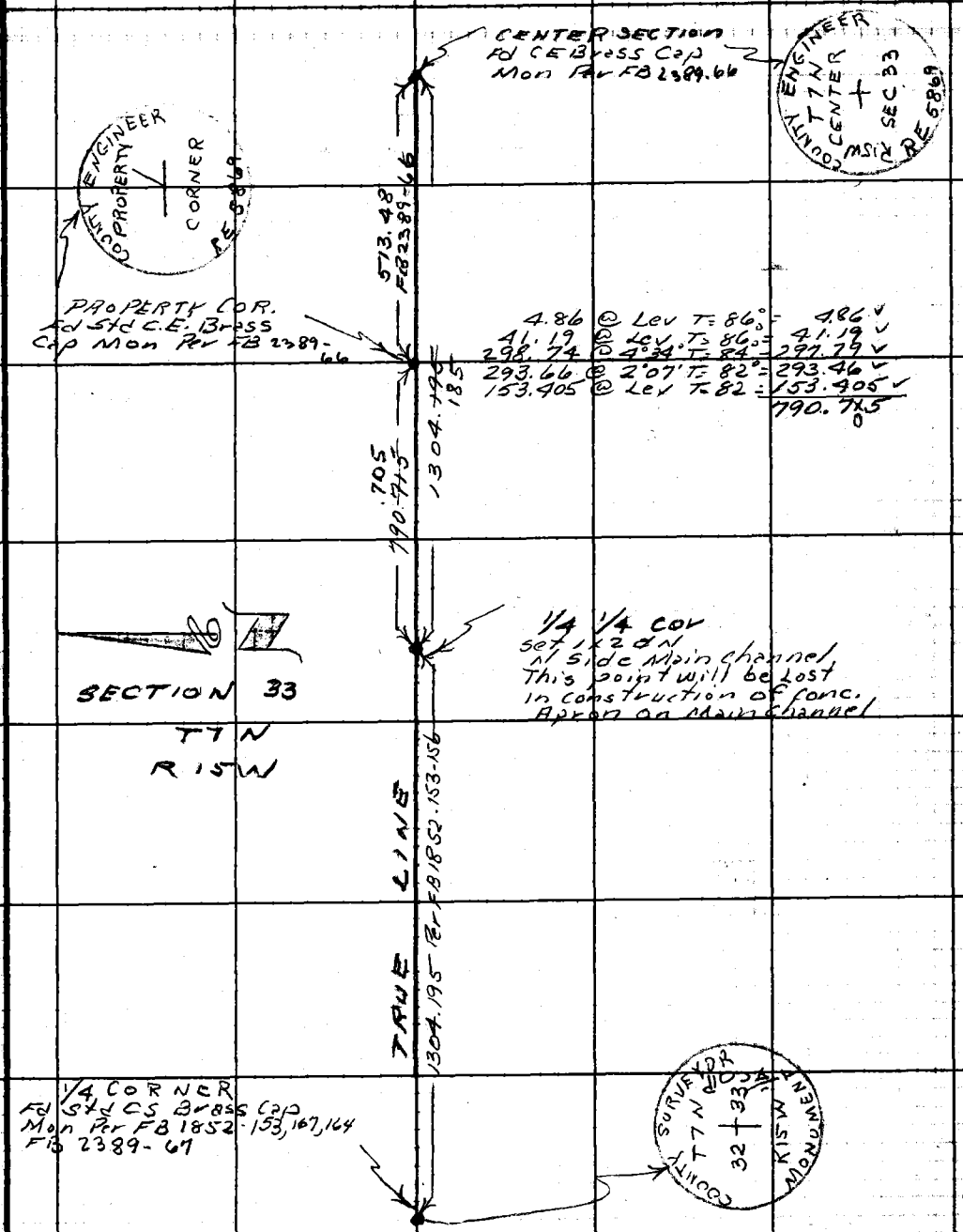
Do not extend notes this side of this line.

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

Notes Ck'd by H. E. AUSTIN	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 5060.09 Tape Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 8-7-58
Date MAY 1960	Indexed E. C. Johnson

F. B. 2389 Pg. 81

W.S. 73-D6



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

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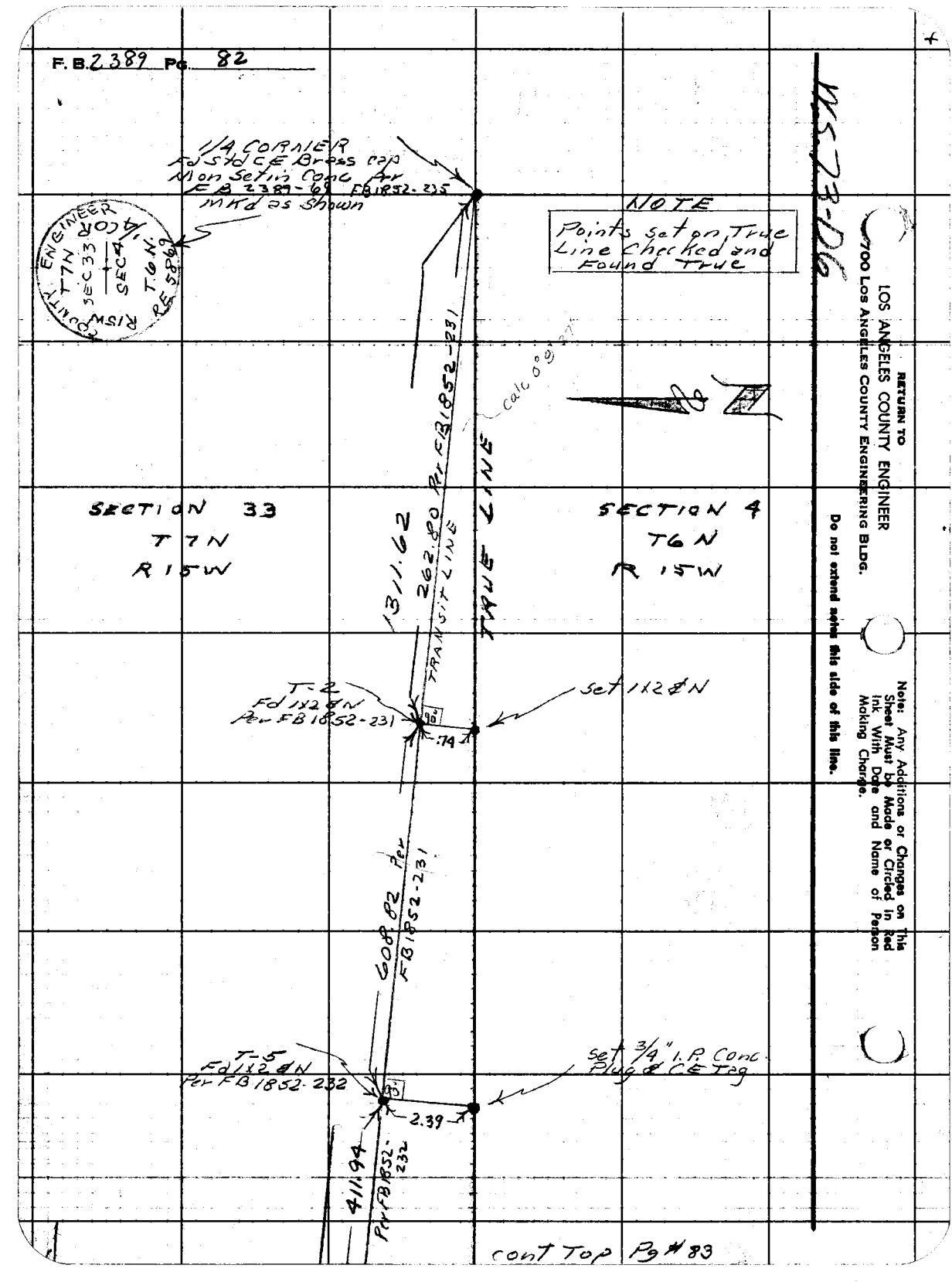
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3099 CE #247—3-57

F.B. 2389 Pg. 82



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700 Los Angeles County Engineering Bldg.

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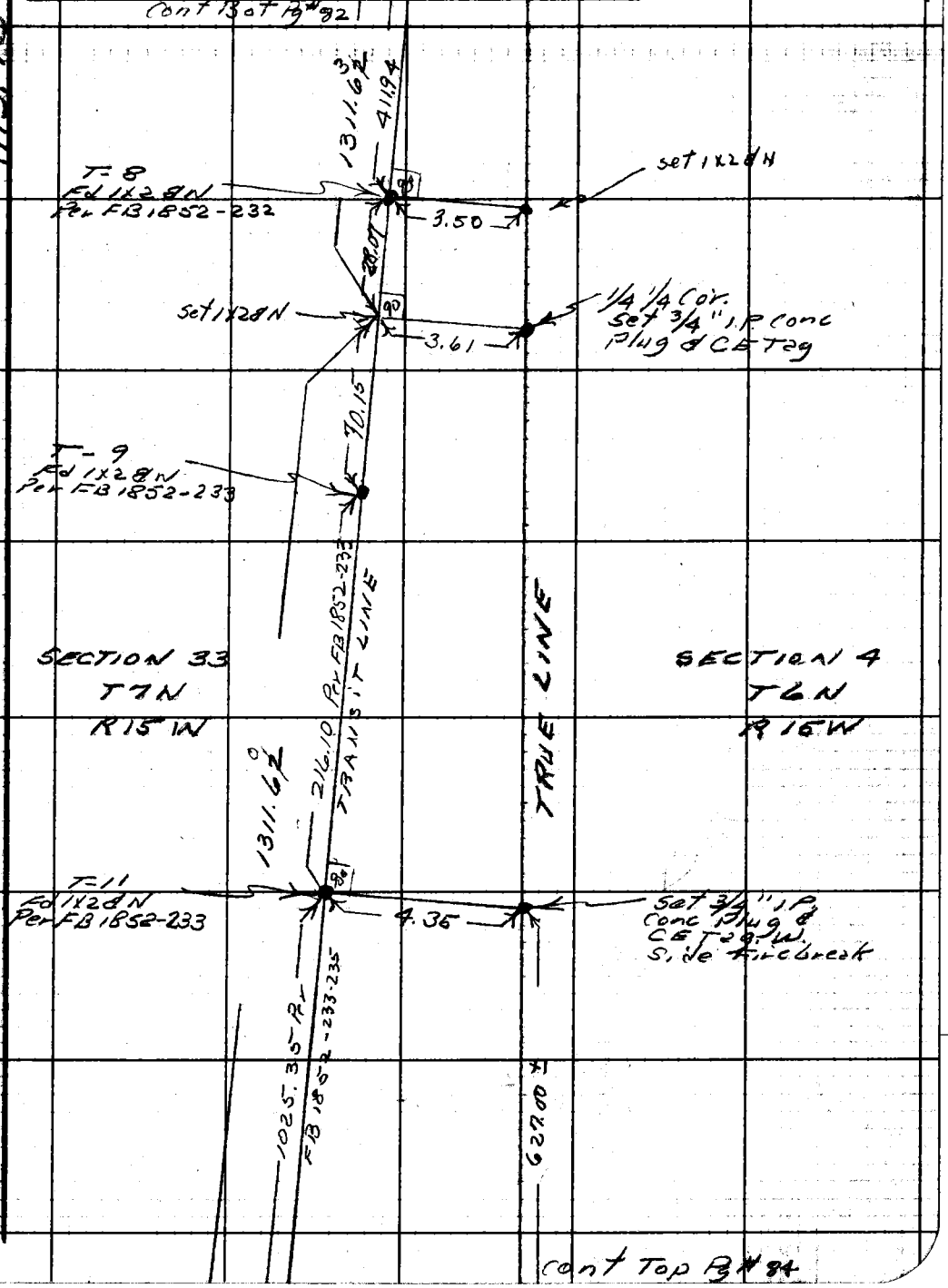
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. L. AUSTIN	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 006009 Tape 124 Std 84 °F
Office Work R. L. GREEN	Surveyed by R. C. Dale
Checked W. J. BRENNER	Notes R. C. D. Date 8-21-58
Date MAY 1960	Indexed R. C. Johnson

F. B. 2389 PG. 83

W.S. 73-D6

Cont Bot Pg #82



Cont Top Pg #84

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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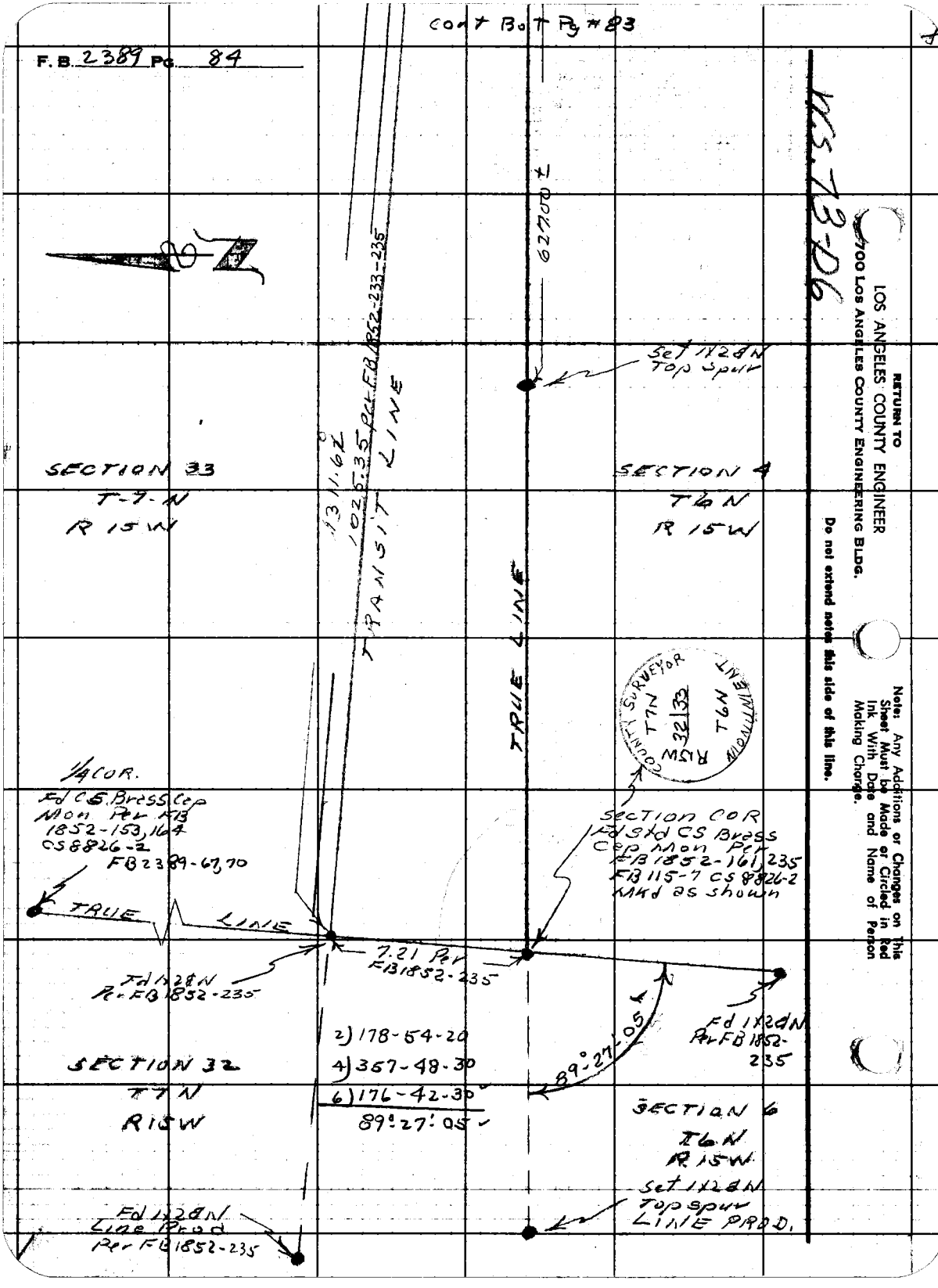
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57



Cont Bot Pg #83
F.B. 2389 Pg. 84
W.S. 73-D6
RETURN TO
LOS ANGELES COUNTY ENGINEER
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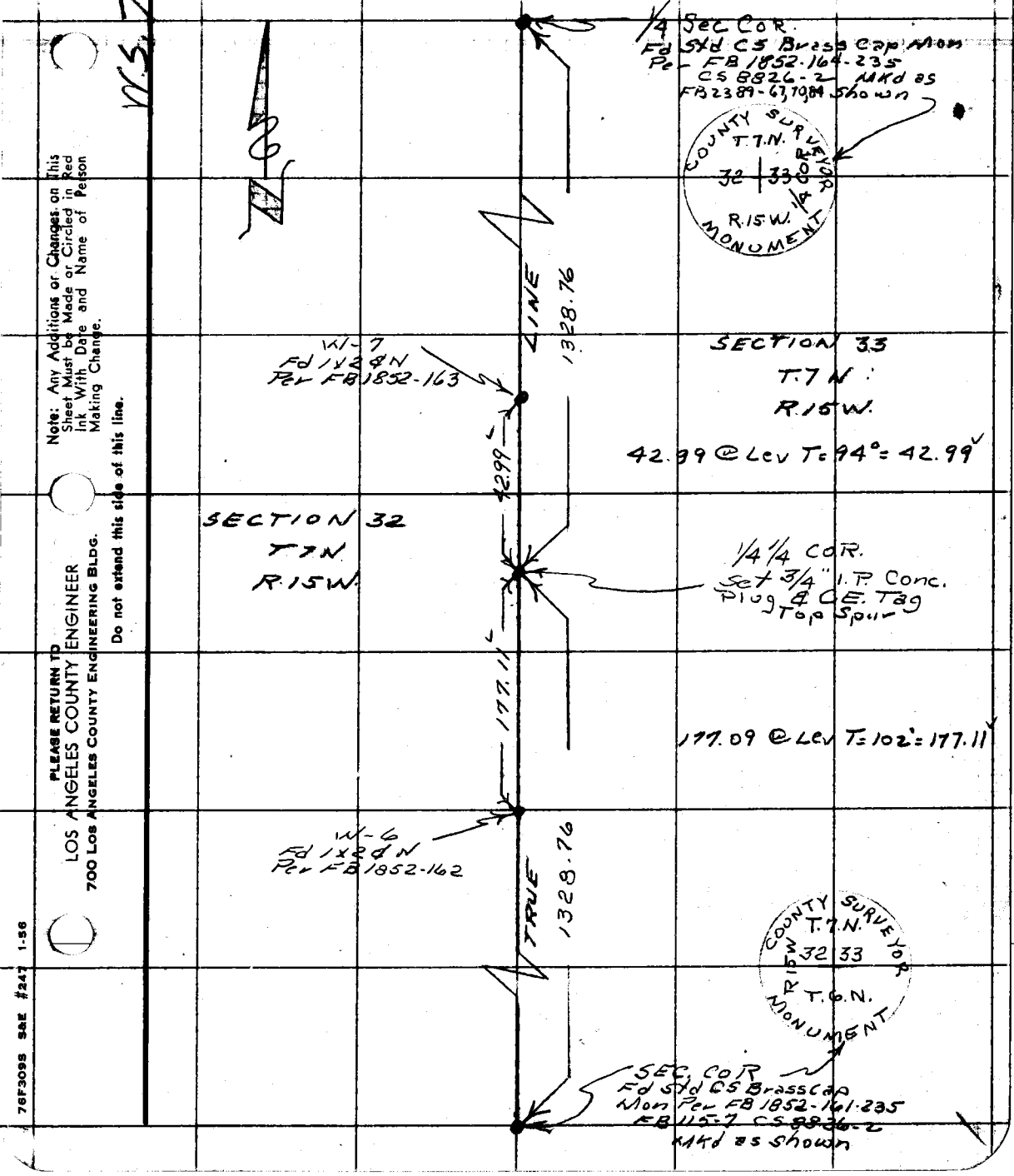
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
627.00 ±
Set 1X2&N Top Spur
SECTION 33
T-7-N
R 15W
SECTION 4
T6N
R 15W
1311.62
1025.35 Per FB 1852-233-235
TRANSIT LINE
TRUE LINE
COUNTY SURVEYOR
T7N
T6N
R15W
32 33
MONUMENT
1/4 COR.
Fd CS Brass Cap Mon Per FB 1852-153, 164 CS 8826-2 FB 2389-67, 70
TRUE LINE
Section COR
Fd Std CS Brass Cap Mon Per FB 1852-161, 235 FB 115-7 CS 8826-2 Mkd as shown
7.21 Per FB 1852-235
Fd 1X2&N Per FB 1852-235
Fd 1X2&N Per FB 1852-235
2) 178-54-20
4) 357-48-30
6) 176-42-30
89°27'05
89°27'05
SECTION 32
T7N
R15W
SECTION 6
T6N
R15W
Set 1X2&N Top spur LINE PROD.
Fd 1X2&N Line Prod Per FB 1852-235

Notes Ck'd by H. E. AUSTIN	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN0060.09 Tape 152 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R C D Date 9-10-58
Date MAY 1960	Indexed C. Johnson

F. B. 2389 PG. 85

WS 73-D6



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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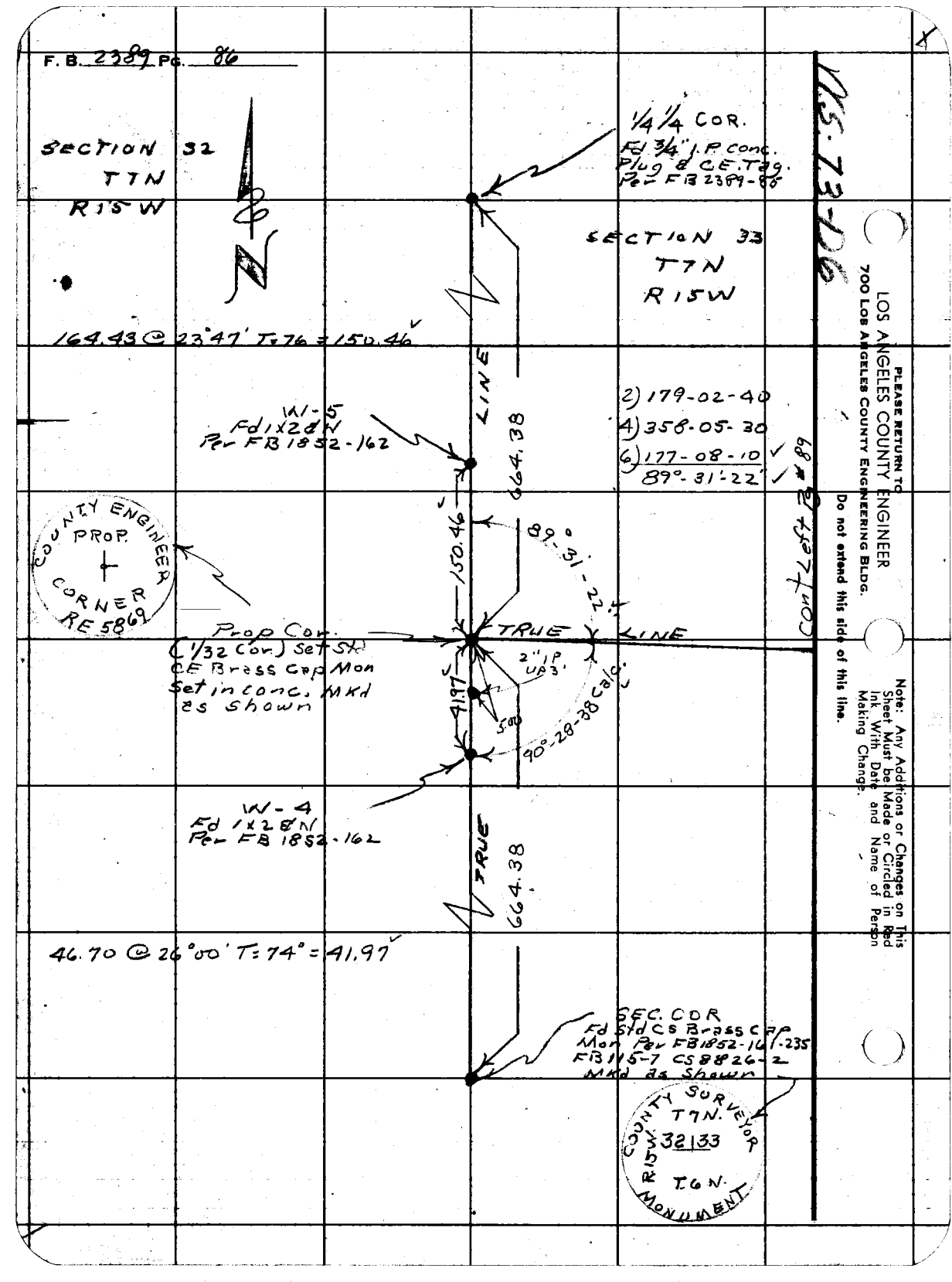
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 1-56

F. B. 2389 PG. 86



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

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

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No. CSR 2706	JN 0060.09 Tape 152 Std 84 °F
Office Work L. L. GREEN	Surveyed by R. C. Dale
Checked W. J. BRENNER	Notes R. C. D. Date 9-10-58
Date MAY 1960	Indexed L. C. Johnson

F. B. 2389 PG. 87

W.S. 79-D6

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PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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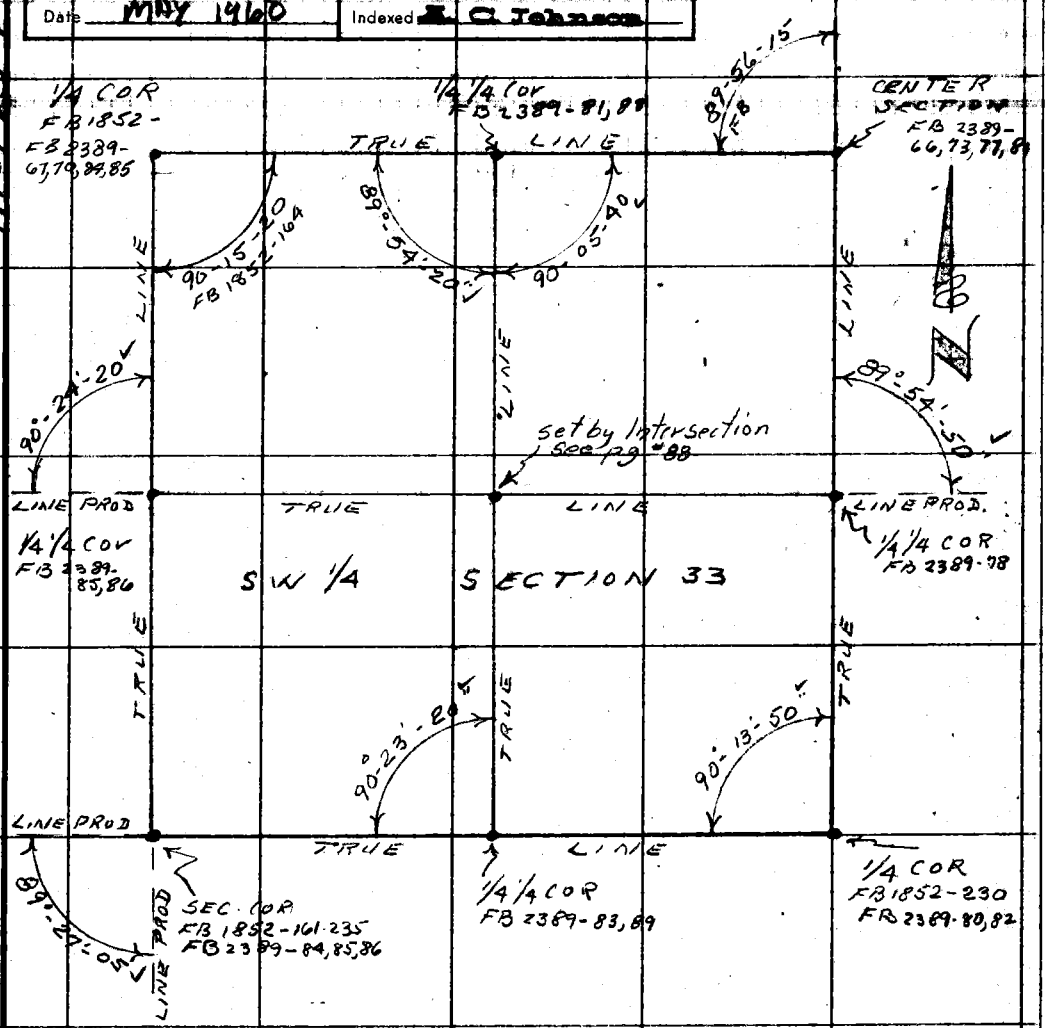
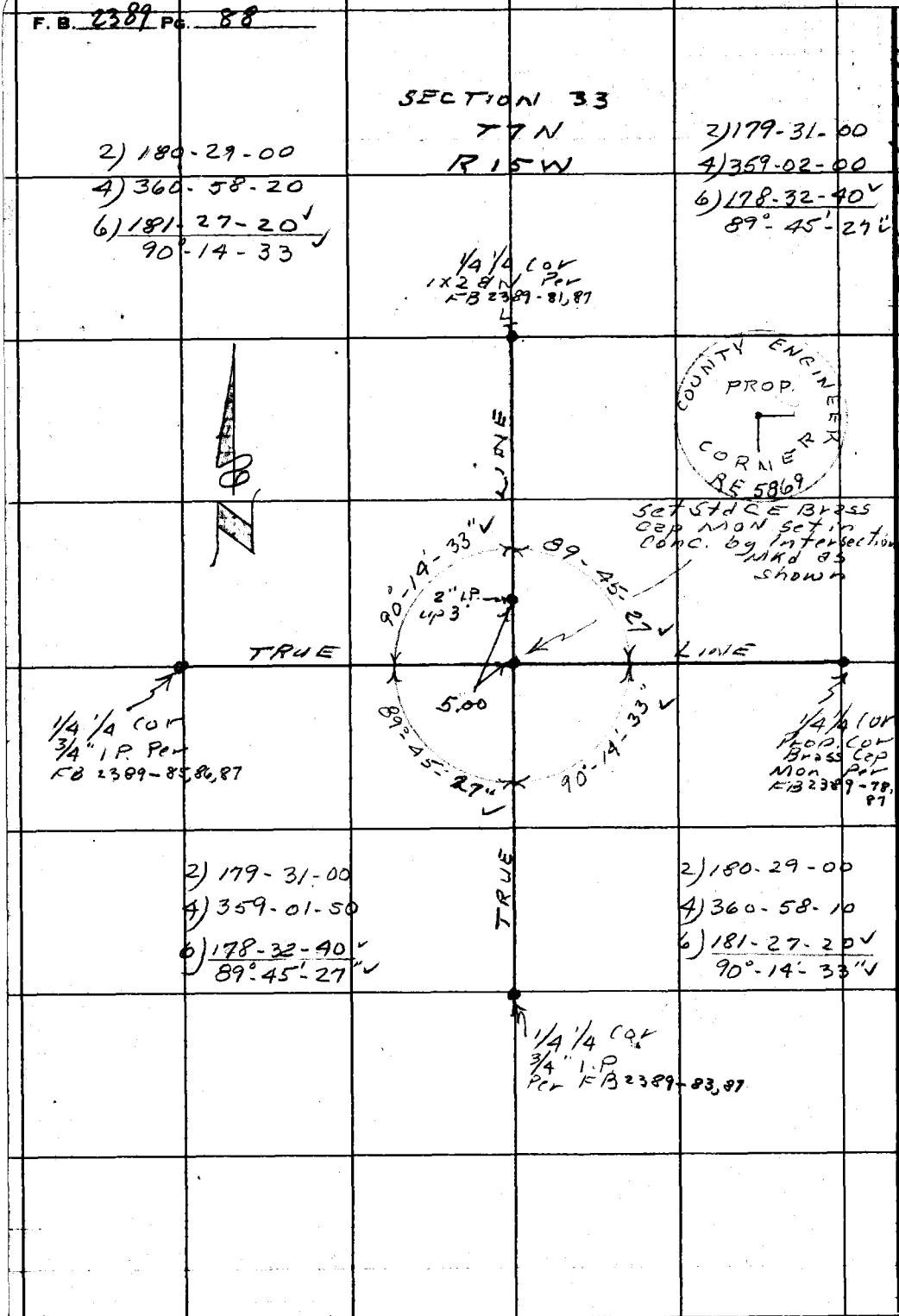


2) 179-48-20	2) 180-11-30	2) 179-49-40	2) 180-27-50
4) 359-37-20	4) 360-22-50	4) 359-39-20	4) 360-55-20
6) 179-26-00 / 89°-54-20	6) 180-34-00 / 90°-05-40	6) 179-29-00 / 89°-54-50	6) 181-23-00 / 90°-13-50
2) 180-46-40	2) 178-54-20	2) 180-48-40	
4) 361-33-20	4) 357-48-30	4) 361-37-20	
6) 182-20-00 / 90°-23-20	6) 176-42-30 / 89°-27-05	6) 182-26-00 / 90°-24-20	

76F3098 S&E #247 1-56

F. B. 2389 PG. 88



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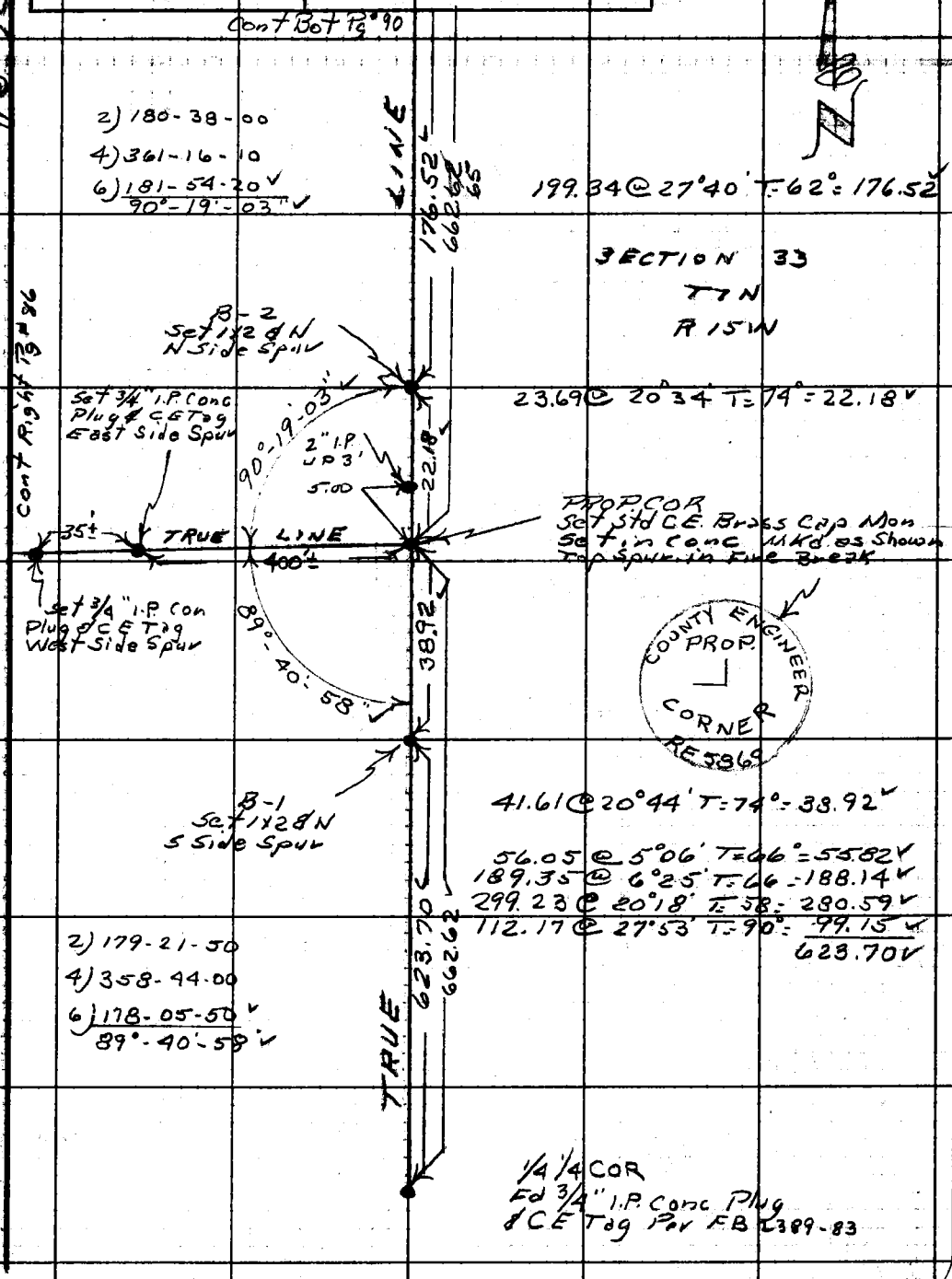
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

RS. 73-06

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No. CSB 3706	JN 0060.09 Tape 154 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 4-5-59
Date MAY 1960	Indexed E. C. Johnson

F. B. 2389 PG. 89

MS-73-D6



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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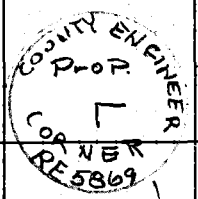
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 2389 Pg. 90

COUNTY ENGINEER
PROP.
L
CORNER
RE 5869



PROP COR.
Ed CE Brass Cap
Mon Mkd as
shown Per FB 2389-87,88

8.14 @ Lev T=62° = 8.14

8.14

B-5
set 1x2 8N
Sidehill

248.15 @ 18°00' T=62° = 235.97

235.97

LINE

SECTION 33
T7N
R15W

B-4
set 1x2 8N
Sidehill

662.62
5

266.16 @ 34°18' T=62° = 219.~~81~~ 84

TRUE

219.~~81~~ .84

B-3
set 1x2 8N
Sidehill

176.52

Cont Top Pg #89

WS 73-D6

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by R. E. Alexander	Survey of Lake Hughes Boys Camp
Map No. CSB 27D16	JN 006009 Tape 152 Std 84 °F
Office Work R.L. GREEN	Surveyed by R. E. Dale
Checked W. J. BRENNER	Notes R.C.D Date 5-26-59
Date May 1960	Indexed R. C. Johnson

F. B. 2389 PG. 91

W.S. 73-D6

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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700 LOS ANGELES COUNTY ENGINEERING BLDG.

78F3098 SEE #242 1-56

1/4 COR. Fd CSB 1955 Cap Mon Per FB 1852-159

134.86 @ 1°41' T=76° = 132.05
4.955 @ Lev T=76 = 4.955
137.005

Fd 1" I.P. RE Tag 2410

2) 158-40-10
4) 317-20-05
6) 116-00-20
79-20-03 00
Field Adj

Fd 3/4" I.P. & Cap Per FB 1852-159

137.005
1331.535

COUNTY SURVEYOR T 7 N R 15 W 33 | 34 MONUMENT

Set 1/2" I.P. & Tag

551.30

BASE LINE

Set 1/2" I.P. & Tag

15-05-50
79-20-00

1/4 1/4 COR Set 3/4" I.P. Conc Plug & CE Tag

2) 150-11-40
4) 300-23-30
6) 90-35-20
75°-05-53 50
Field Adj.

SECTION 33
T 7 N
R 15 W
BASE LINE

75.76 @ 22°05' T=64° = 70.19
76.20 @ 22°53' T=64° = 70.19 = 70.19
299.92 @ 15°40' T=64° = 288.74
300.21 @ 15°52' T=64° = 288.74 = 288.74
192.38 @ Lev T=74 = 192.37 = 192.37
551.30

Fd CSB 1955 Cap Mon Per FB 1852-159

1331.535 R
1334.36 Calc.
1331.535
FB 1852-159

2) 51-08-20
4) 102-16-40
6) 153-25-00
25°-34'-10

25°-34-10

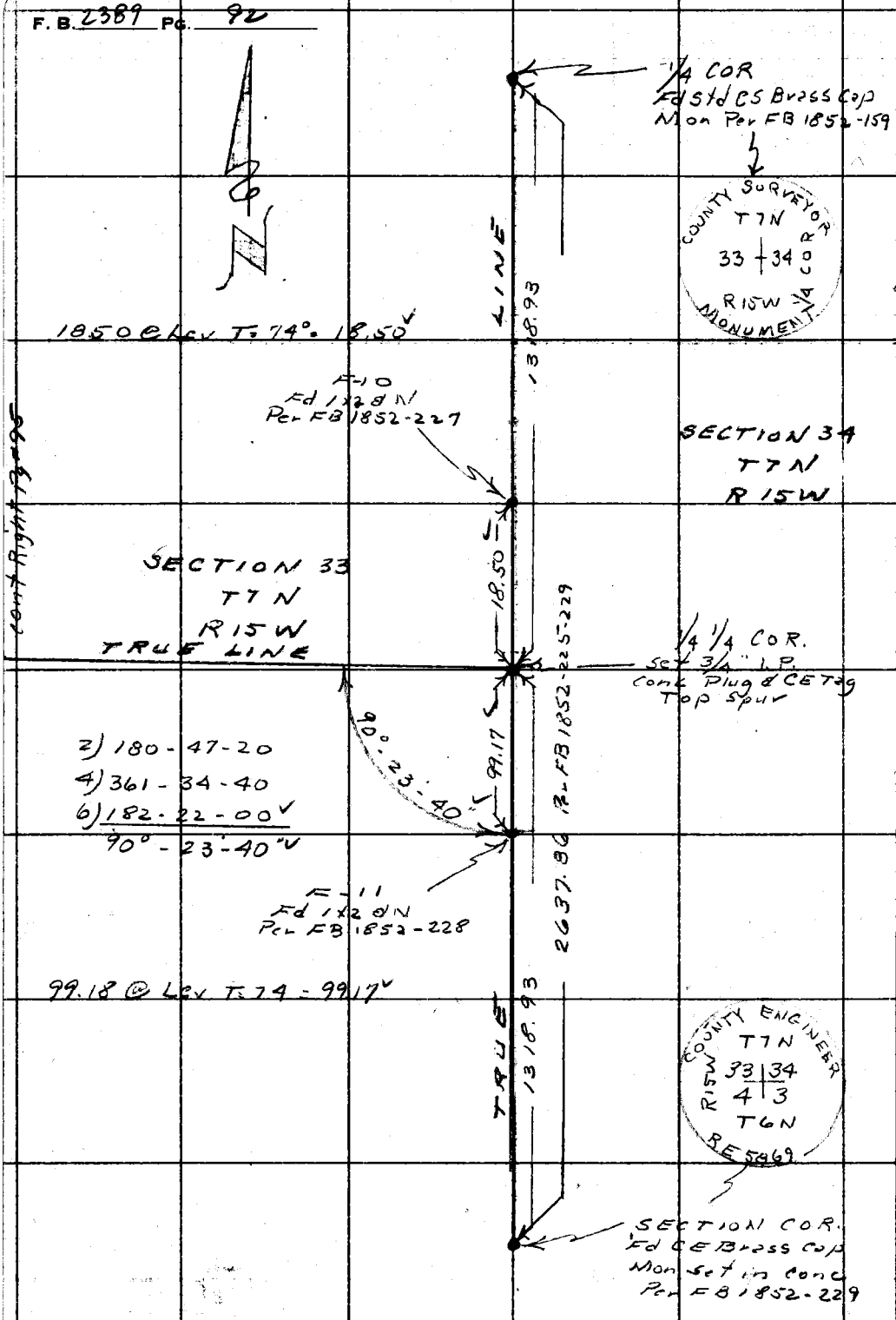
ENGINEER COUNTY CENTER T 7 N R 15 W SEC 33 RE 5869

52.21 @ Lev T=70° = 52.21
46.60 @ 15°01' T=70° = 45.01
97.22

Set 1/2" I.P.

CENTER SECTION
Fd CE Brass Cap Mon
Per FB 2389-66, 73, 77, 81

F. B. 2389 PG. 92



W573-D6

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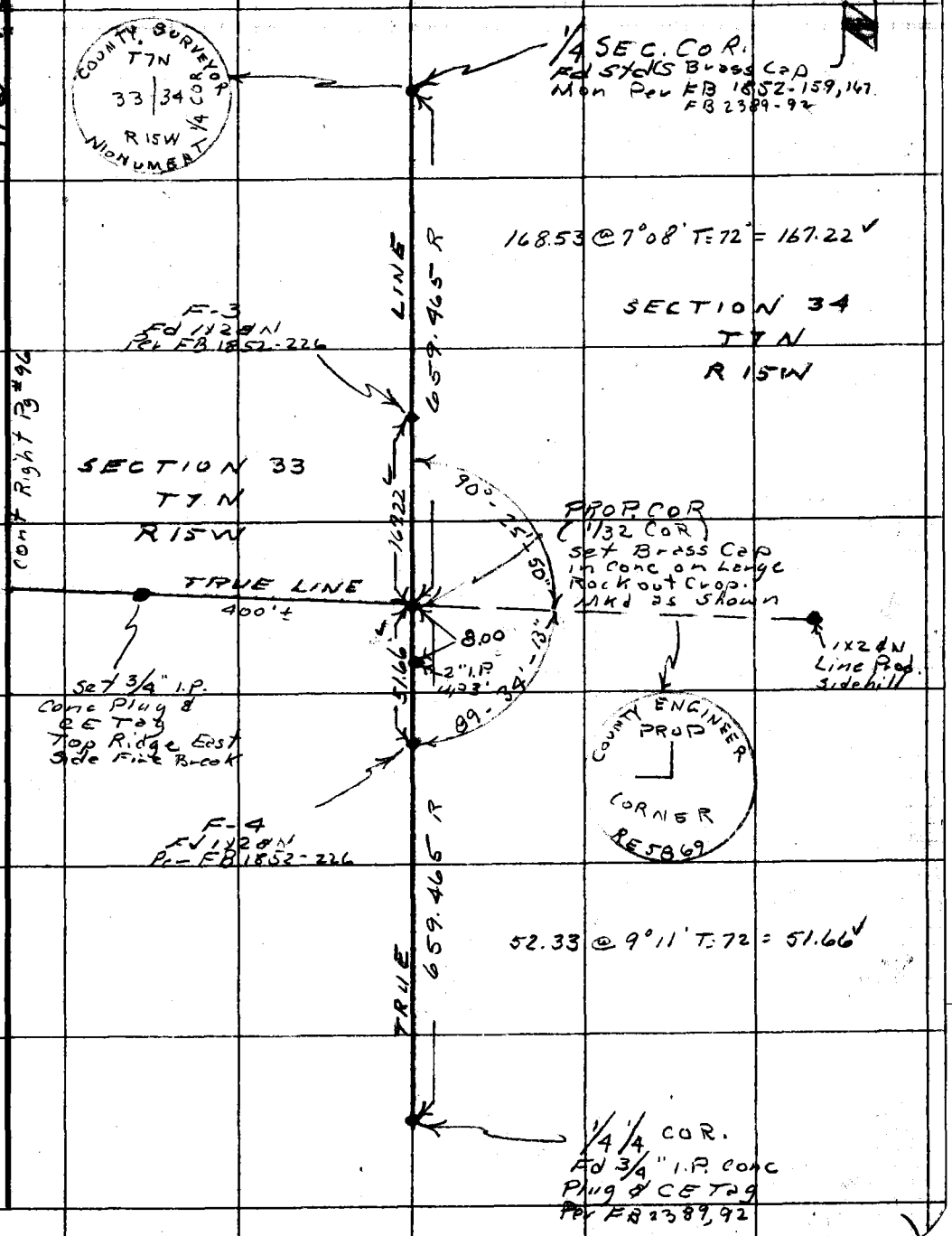
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by [illegible] AUSTIN	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 0060.09 Tape 152 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 5-26-59
Date MAY 1960	Indexed [illegible] C. Johnson

F. B. 2389 PG. 93

WS-73-D6



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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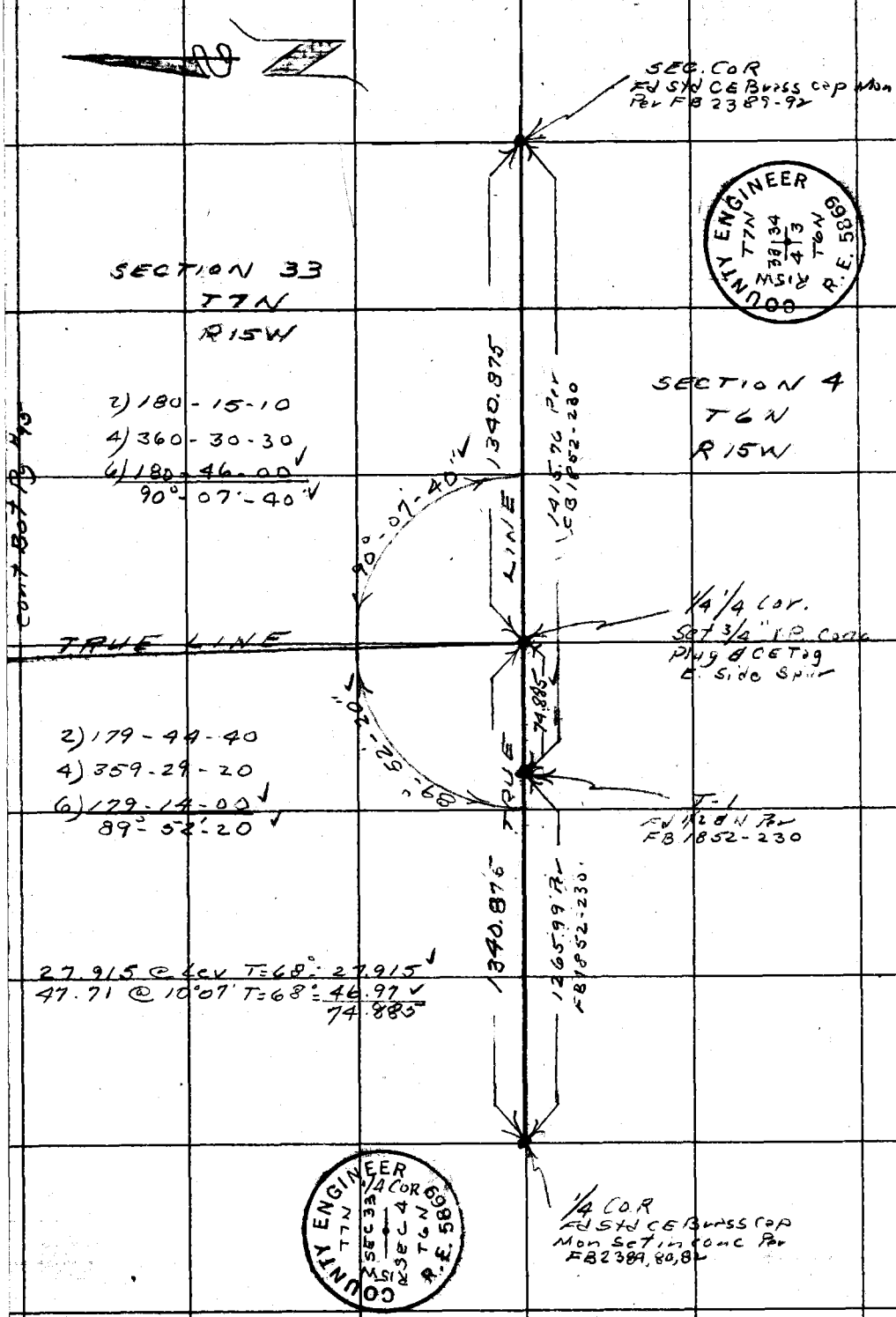
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 1-56

F. B. 2389 Pg. 94



W.S. 73-D6

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 0060.09 Tape 152 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 6-18-59
Date MAY 1960	Indexed [redacted] C. Johnson

F. B 2389 PG. 95

W.S.-73-D6

Cont Left Pg # 96

202.43 @ 4°07' T=86°=201.91

SECTION 33
T7N
R15W

201.91

G-2
Set 1x2 & N
Sidehill

2) 179-59-00
4) 359-58-30
6) 179-57-40
89°-59'-37"

COUNTY ENGINEER
T7N
CENTER
R15W
SEC 33
RE 5869

2) 179-36-50
4) 359-13-50
6) 178-50-30
89°-48'-25"

77.63 @ Lev T=86°=77.63

2) 180-23-10
4) 360-46-00
6) 181-09-00
90°-11'-30"

77.63

CNTR. SECTION
Fd CE Brass Cap Mon
Per FB 2389-66,73

Prop cor (1/4 1/4)
Fd CE Brass Cap Mon
Per FB
2389-78

COUNTY ENGINEER
PROP.
CORNER
RE 5869

G-1
Set 1x2 & N
Sidehill

86.02 @ 9°30 T=86°=83.85

89°-59'-37"

89°-48'-25"

90°-11'-30"

83.85

5.00

Set 3/4" IP con
Plug & CE Tag
Top Ridge

Cont Left Pg # 92

TRUE LINE

TRUE LINE

Set 3/4" I.P. Conc
Plug & CE Tag
Top Ridge

2" I.P.
UP 3'

Prop. COR.
Set Std CE Brass Cap
Mon. Set in conc 2' East
of Draw with 2" I.P. Marker
5' East. Set by intersection
Mkd as shown

90°-00'-25"

COUNTY ENGINEER
T7N
SEC 33
R15W
1/4 COR
SEC 4
T6N
RE 5869

2) 180-01-00
4) 360-01-50
6) 180-02-30
90°-00'-25"

Set 3/4" I.P.
conc Plug &
CE Tag Top
Ridge

COUNTY ENGINEER
PROP.
CORNER
RE 5869

1/4 Cor.
Fd CE Brass Cap
Mon set in Conc
Per FB 2389-80,82,94,95

cont Left Pg # 94

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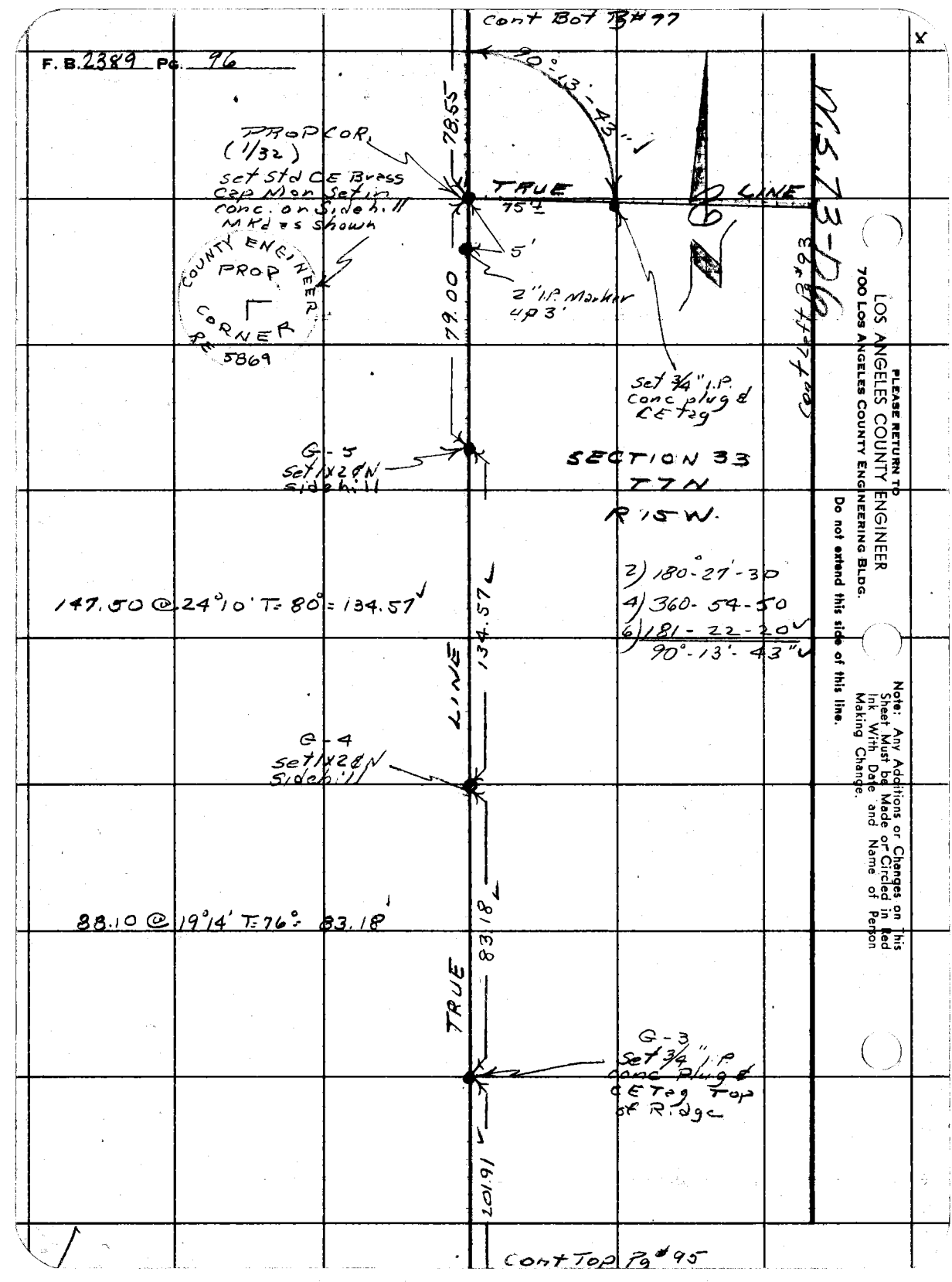
76F309S S&E #247 1-56



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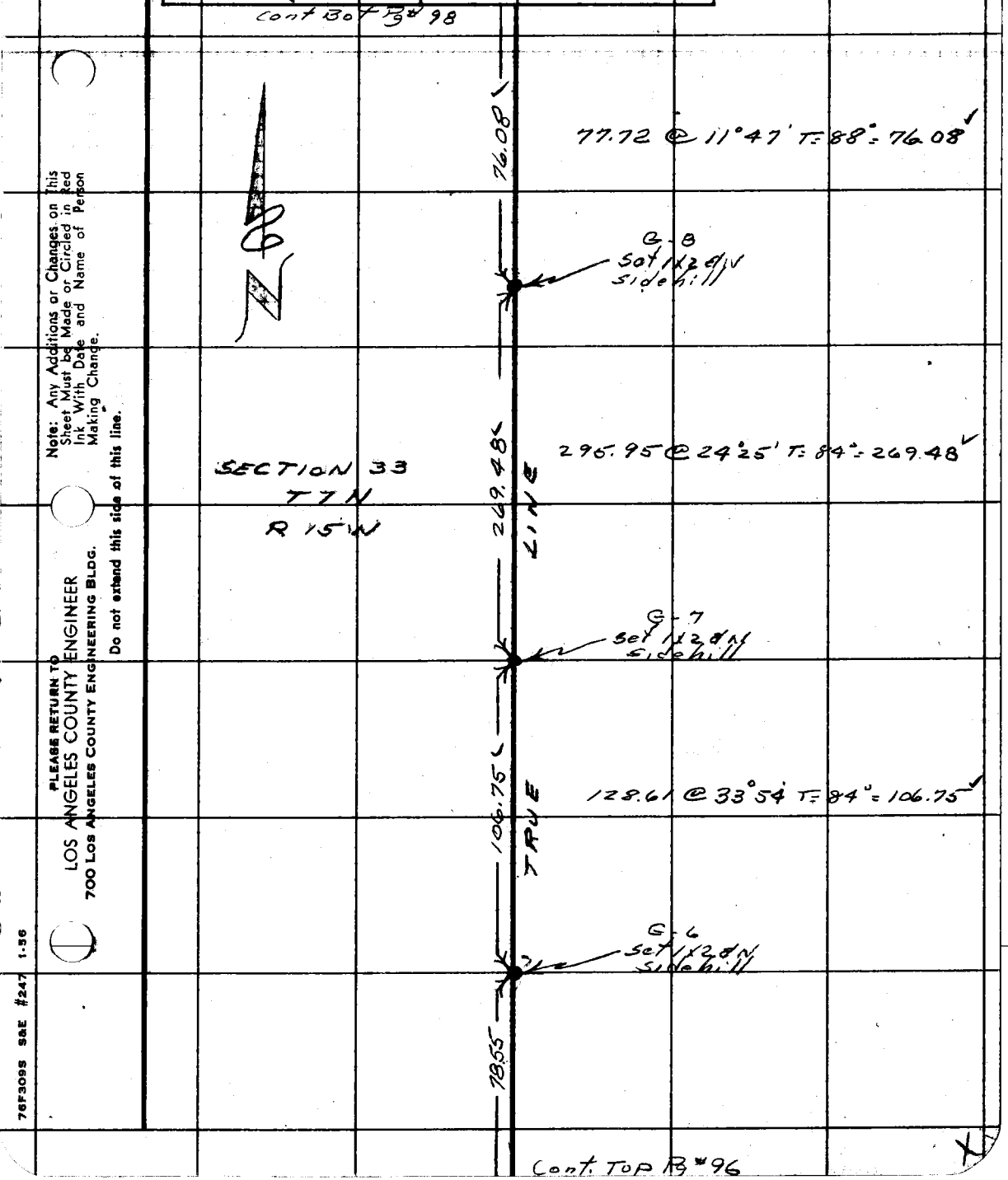
Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No. CSB 2206	JN 006009 Tape 152 Std 84 °F
Office Work R. L. GREEN	Surveyed by R C Dale
Checked W. J. BRENNER	Notes R. C. D. Date 6-18-59
Date MAY 1960	Indexed R. G. Johnson

F. B. 2389 PG. 97

Cont Bot Pg # 98



Cont. Top Pg # 96

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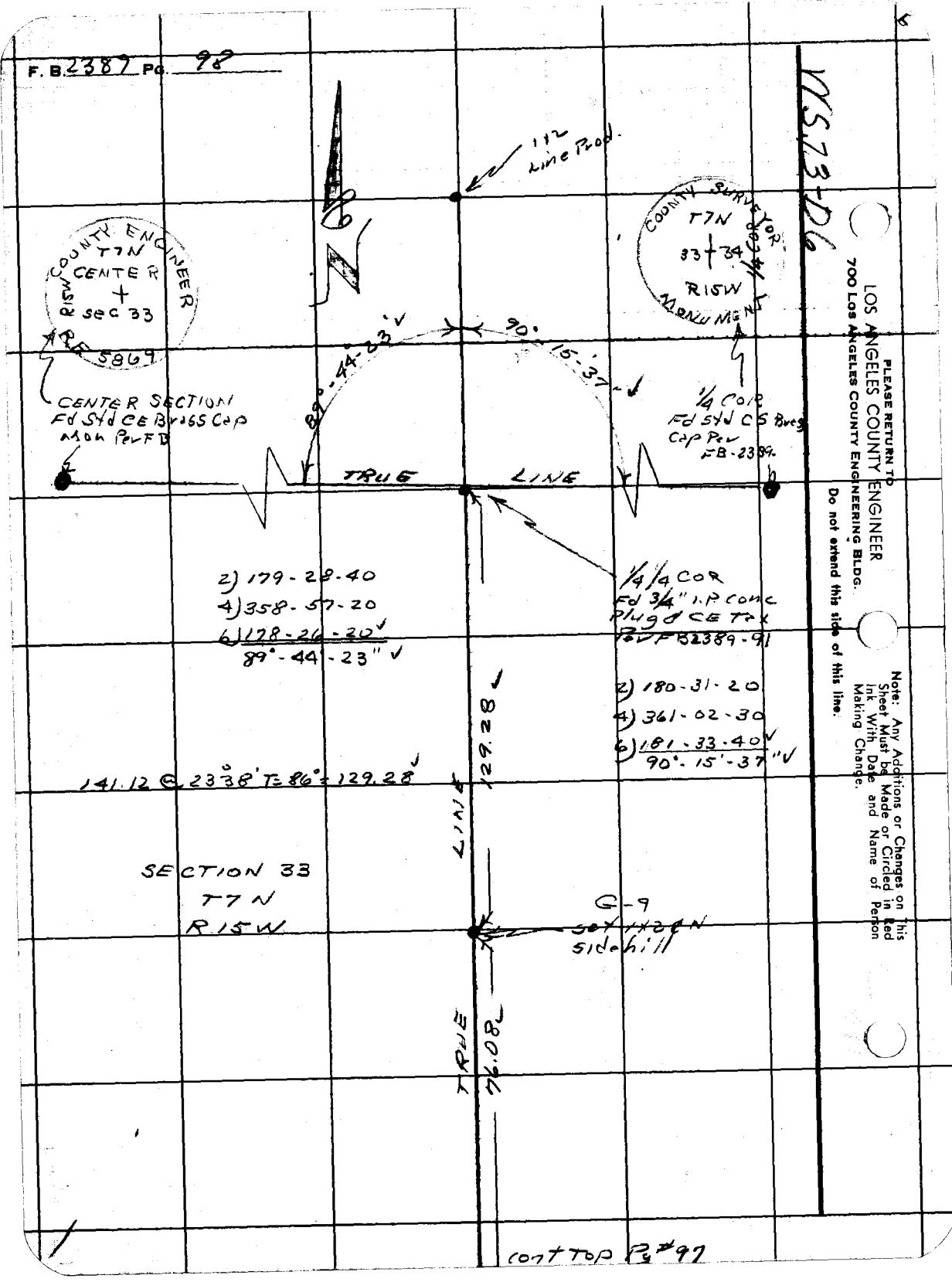
76F309S S&E #247 1-56

F.B. 2389 Pg. 98



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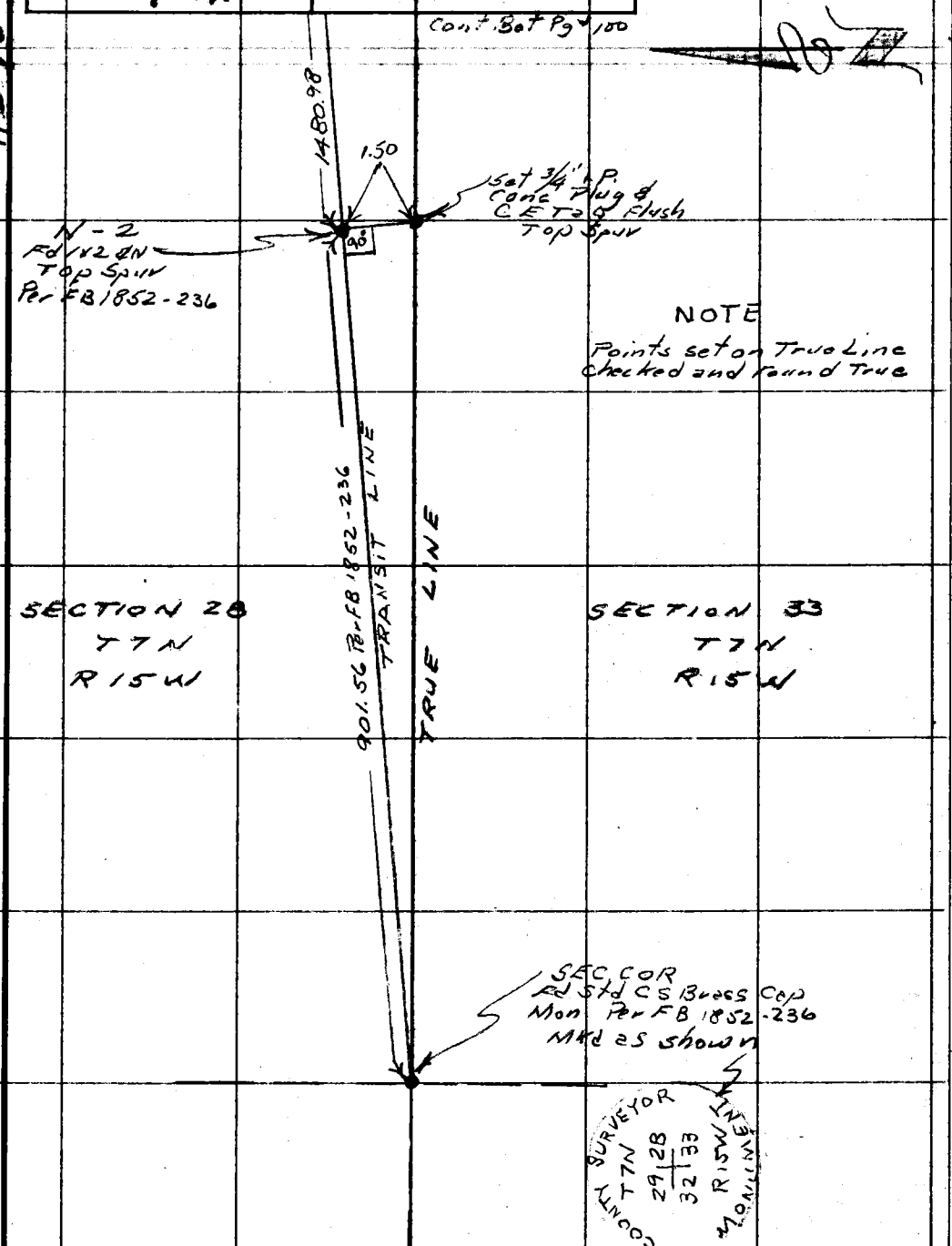
Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 006009 Tape 152 Std 84 °F
Office Work R. L. GREEN	Surveyed by R C Dale
Checked W. J. BRENNER	Notes R C D Date 6-30-59
Date MAY 1960	Indexed C. Johnson

F. B. 2389 Pg. 99

WS 73-D6

Cont. Bot Pg 100



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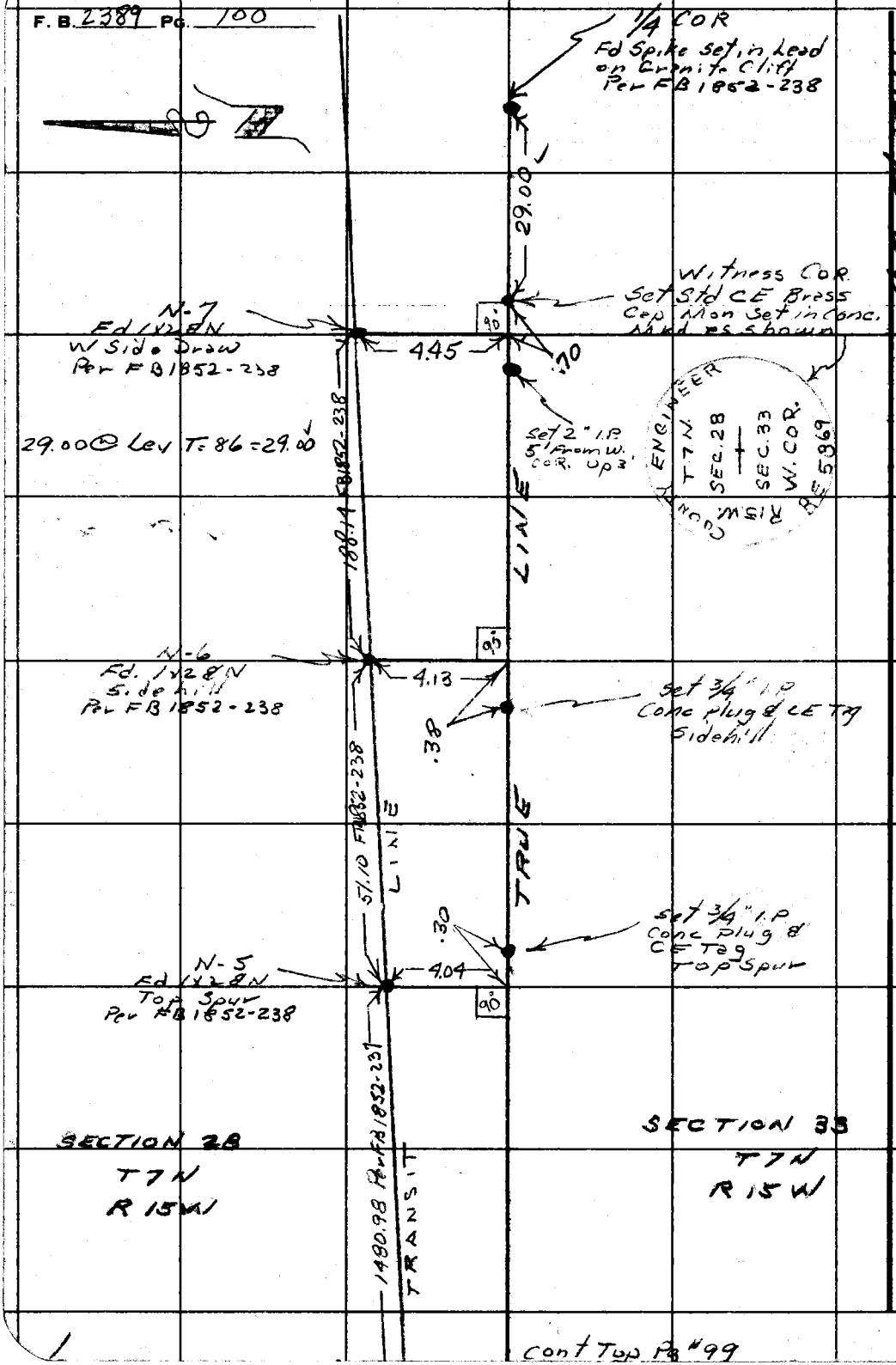
76F309S S&E #247 1-56

F. B. 2389 Pg. 100



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cont Top Pg #99

Notes Ck'd by W. J. BRENNER	Survey of Lake Hughes Boys Camp
Map No. CSB 2706	JN 0302.01 Page 152 Std 84 of
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 4-12-60
Date MAY 1960	Indexed L. O. Johnson 4-22-60

F. B. 2399 PG. 101

LAKE HUGHES BOYS CAMP

JN 0302.01

APRIL 12 1960

PROPERTY LINES

RELOCATION OF A PORTION OF THE EASTERLY BDY. OF LAKE HUGHES BOYS CAMP. SECTION 33 T7N. R.15W.

REF.

FB 2389 - 65-66, 71-72

FB 1852 - 156-158, 173-174

PARTY

R.C. DALE

C.H. MORRISON

R.B. SMITH

B.A. PEAVY

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RETURN TO

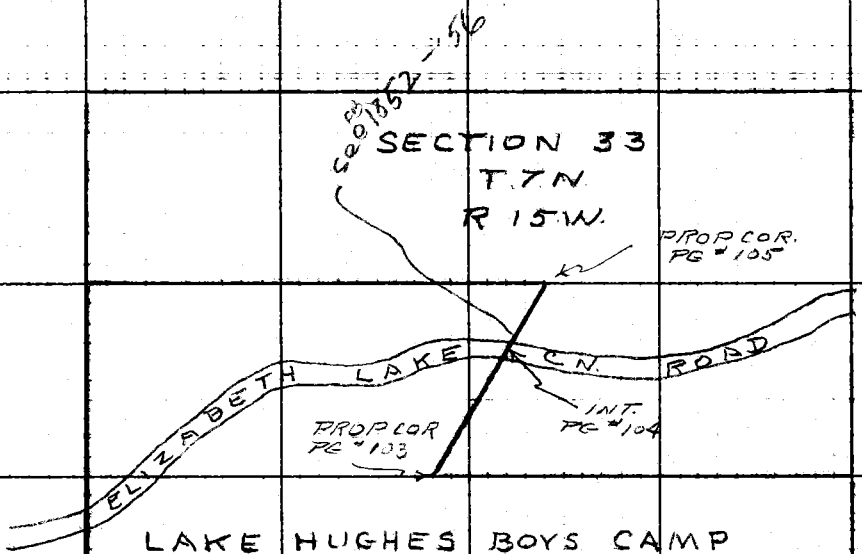
LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2389 Pg. 102

INDEX



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700 Los Angeles County Engineering Bldg.

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

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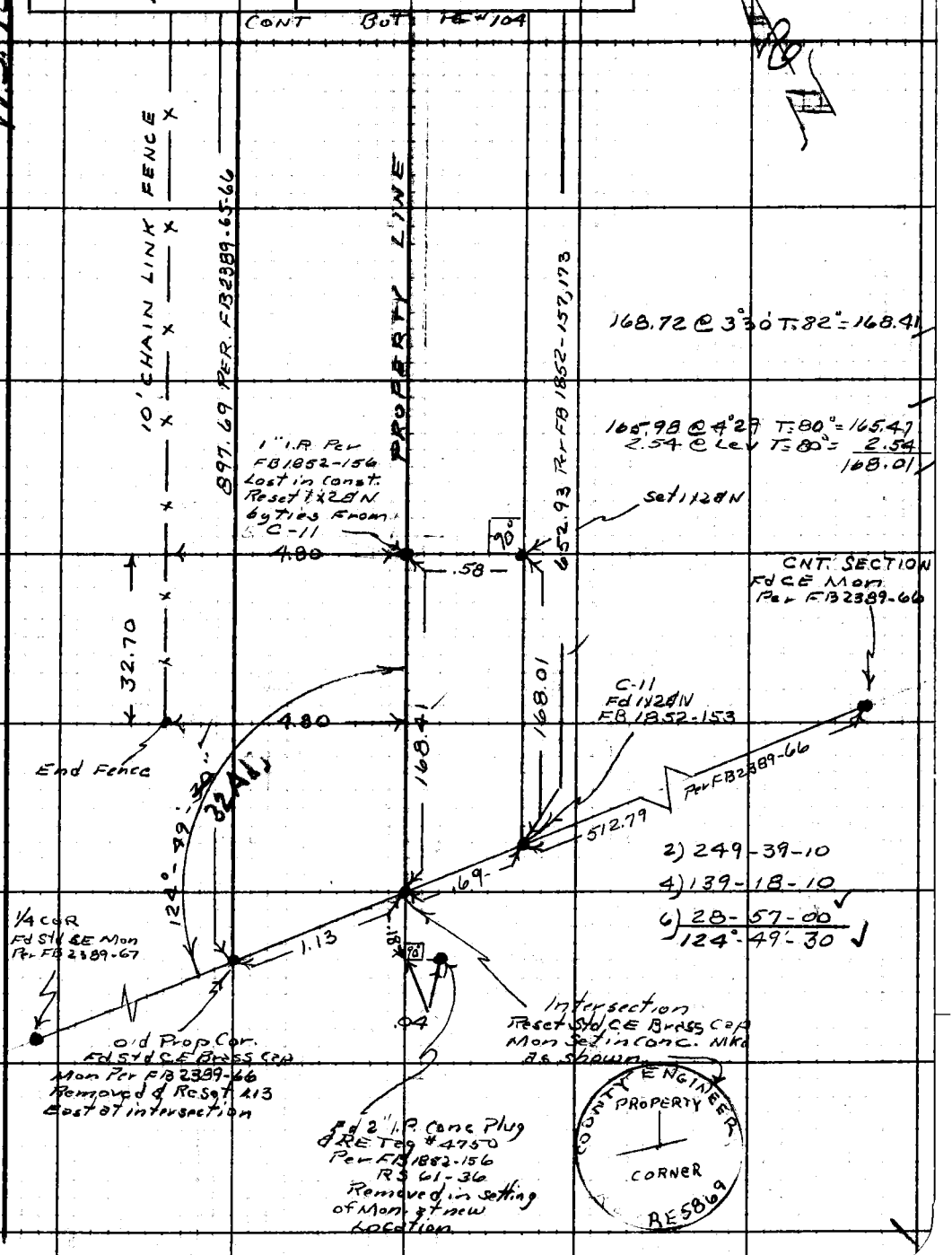
Notes Ck'd by W. J. BRENNER	Survey of Lake Hughes Boys Camp
Map No. CS32706	JN 030201 Tape 152 Std 84 °F
Office Work R. L. GREEN	Surveyed by R.C. Dale
Checked W. J. BRENNER	Notes R.C.D. Date 4-12-60
Date MAY 1960	Indexed R. C. Johnson

F. B. 2389 Pg. 103

W.S. 73-D6



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

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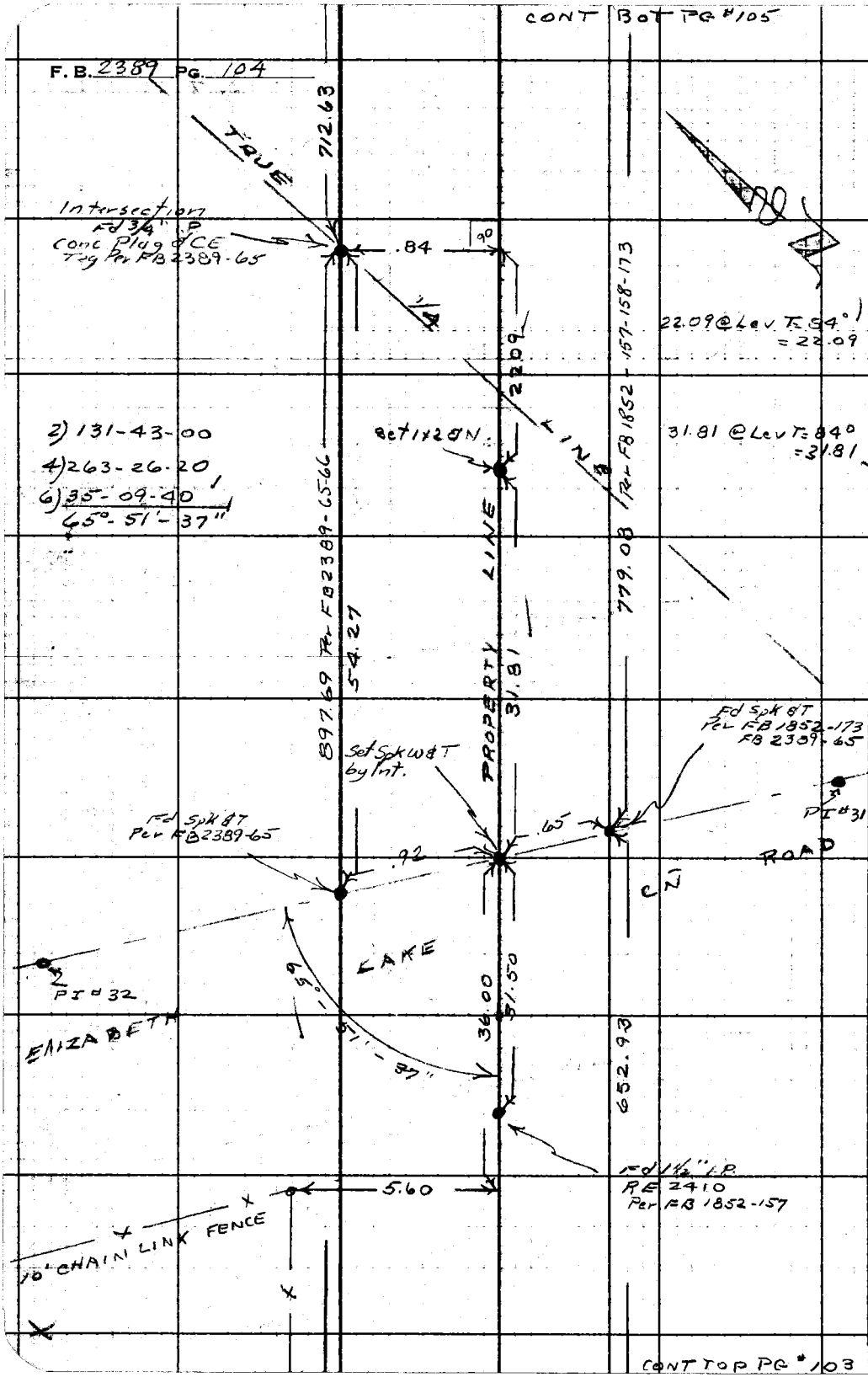
RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53



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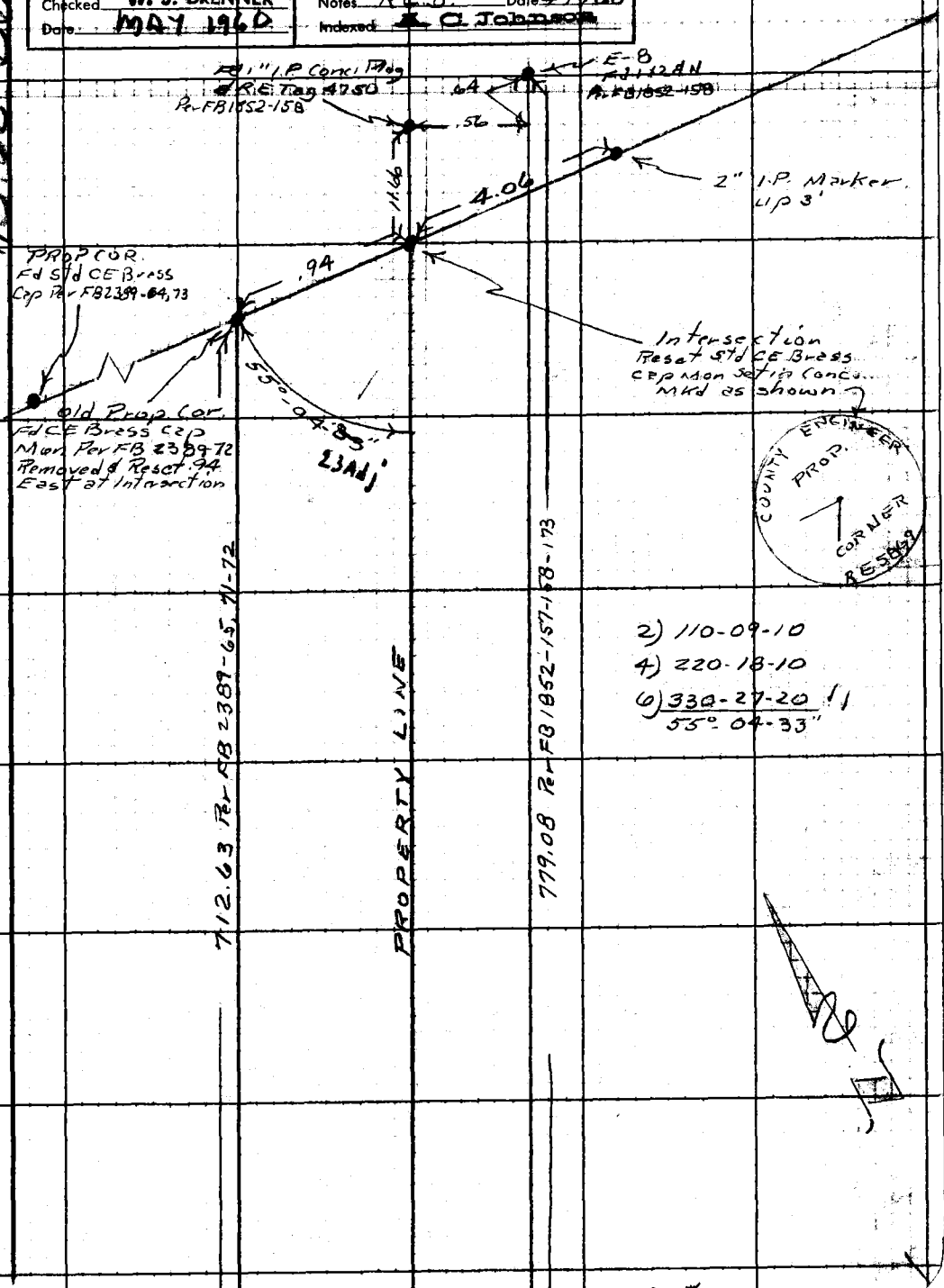
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of Lake Hughes Boys Camp	F. B. 2389 PG. 105
Map No. C&B 27016	IN 93020 Tape 152 Std 84 °F	
Office Work R. L. GREEN	Surveyed by R C Dale	
Checked W. J. BRENNER	Notes R.C.D. Date 4-13-60	
Date MAY 1960	Indexed R. C. Johnson	



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-55

CONT TOP PG # 104

F. B. 2389 PG. 107

NOTES RED. _____ JOB NO. 0435.00 SURVEY OF Lake Hughes Boys Camp

DATE _____ SURVEY BY R.C. Dale

NOTES CHKD. Miller NOTES BY R.C.D. DATE 3-29-60

DATE April 1960 INDEXED A. C. Johnson DATE 4-1-60

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						LAKE HUGHES BOYS CAMP
						JN 0435.00
						MARCH 1960
						Bench Level Circuit to establish elevations on Pump Base of Wells #1 #2 and at tank site
			REF FB 1852-177-184			PARTY R.C. Dale C.H. Morrison R.B. Smith B.A. Peavy

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765420 S & E-353 4-54

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JOB NO 24357.00 SURVEY OF Lake Hughes Boys Camp
SURVEY BY R.C.D. DATE
NOTES BY R.C.D. DATE 3-29-60 NOTES CHKD
INDEXED S. Johnson DATE NOTES RED
F.B. 2389 Pg. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
1/4 COR	2945.205					1/4 Cor. Elev = 2945.205 ✓ Fd Std.
	1.198		0.863			CS Brass Cap Mon. Per FB 1852-169, 179
	2946.403 ✓	+10.477	-10.477			
	11.675		11.340			
T.P.	2934.728 ✓					
	1.420		1.251			
	2936.148	-9.883	-9.883			
	11.303		11.134			
T.P.	2924.845 ✓					
	0.240		0.370			
	2925.085	-11.360	-11.360			
	11.600		11.730			
T.P.	2913.485 ✓					
	0.963		0.847			
	2914.448	-10.462	-10.463			
	11.425		11.310			
T.P.	2903.023 ✓					
	2.981		2.793			
	2906.004	-3.831	-3.829			
	6.812		6.622			
PI #36	2899.192 ✓					PI. 36 Elev = 2899.198 Fd Spk w/ ST
	7.814		7.713			Flush @ Elizabeth Lake Cn Road Per
	2807.006 ✓	-3.238	-3.139			FB 1852-169, 179
	11.052		10.952			
T.P.	2895.954 ✓					
	0.327		0.448			
	2896.281 ✓	-10.911	-10.911			
	11.238		11.359			
T.P.	2885.043 ✓					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	2885.043 ✓					
	5.263		5.074			
	2890306	- 3.857	- 3.856			
	9.120		8930			
T.P.	2881.186 ✓					
	4.046		4.082			
	2885.232	- 1.472	- 1.472			
	5.518		5.554			
BM #1	2879.714 ✓					BM #1 Set Spk in Lead on S.W.
	5.248		5278			Cor. of Conc. Pump Base, Well #1
	2884.962	+ 2.409	+ 2.409			
	2.839		2869			
T.P.	2882.123 ✓					
	10.852		10.967			
	2892.975	+ 10.428	+ 10.429			
	0.424		0.538			
T.P.	2892551 ✓					
	9.250		9.432			
	2901.801	+ 9.046	+ 9.045			
	0.204		0.387			
T.P.	2901.597 ✓					
	11.270		11.255			
	2912867	+ 10.953	+ 10.955			
	0.317		0.300			
T.P.	2912550 ✓					
	11.411		11.540			
	2923.961	+ 10.744	+ 10.743			
	0667		0.797			
T.P.	2923.294 ✓					

NOTES RED. _____ JOB NO. 0435.00 SURVEY OF Lake Hughes Boys Camp
DATE _____ SURVEY BY R.C. Dale
NOTES CHKD Miller NOTES BY R.C.D. DATE 3-30-60
DATE April 1960 INDEXED R. C. Johnson DATE

F.B. 2389 PG. 109

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JOB NO. 0435.00 SURVEY OF Lake Hughes Boys Camp NOTES RED. DATE
SURVEY BY R.C. Dale NOTES CHKD. DATE
NOTES BY R.C.D. DATE 3-29-60 DATE
INDEXED C. Johnson DATE

F.B. 2389 Pg. 110

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	2923.294 ✓					
	11.020		11.218			
	2934.314	+10.468	+10.468			
	0.552		0.750			
T.P.	2933.762 ✓					
	11.119		11.235			
	2944.881	+10.009	+10.009			
	1.110		1.226			
T.P.	2943.771 ✓					
	9.062		9.145			
	2952.833	+8.874	+8.874			
	0.188		0.271			
T.P.	2952.645 ✓					
	9.571		9.710			
	2962.216	+9.382	+9.381			
	0.189		0.329			
T.P.	2962.027 ✓					
	11.298		11.377			
	2973.325	+11.000	+10.998			
	0.298		0.379			
T.P.	2973.027 ✓					
	11.469		11.577			
	2984.496	+11.269	+11.269			
	0.200		0.308			
T.P.	2984.296 ✓					
	11.446		11.516			
	2995.742	+11.076	11.075			
	0.370		0441			
T.B.M.	2995.372 ✓					TBM Spk on S. side Power Pole N. side of road to Tank

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NOTES RED. JOB NO. 0435.00 SURVEY OF Lake Hughes Boys Camp
DATE SURVEY BY R.C. Dale
NOTES CHKD. Walker NOTES BY R.S.D. DATE 3-31-60
DATE April 1960 INDEXED R.C. Johnson DATE

F.B. 2389 PG. 111

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	2995.372 ✓					
	10.845		10.896			
	3006.217	+10.649	+10.649			
	0.196		0.241			
T.P.	3006.021 ✓					
	11.332		11.136			
	3017.353	+10.822	+10.823			
	0.510		0.313			
T.P.	3016.843 ✓					
	11.073		11.134			
	3027.916	+10.874	+10.874			
	0.199		0.260			
T.P.	3027.717 ✓					
	11.290		11.344			
	3039.007	+10.853	+10.853			
	0.437		0.491			
T.P.	3038.570 ✓					
	11.361		11.557			
	3049.931	+11.107	+11.107			
	0.254		0.450			
T.P.	3049.677 ✓					
	11.059		11.196			
	3060.736	+10.414	+10.414			
	0.645		0.782			
T.P.	3060.091 ✓					
	11.161		11.326			
	3071.252	+10.741	+10.740			
	0.420		0.586			
T.P.	3070.832 ✓					

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JOB NO. 0435.00 SURVEY OF Lake Hughes Boys Camp NOTES RED
SURVEY BY R.C. Dale DATE
NOTES BY R.C.D. DATE 3-31-60 NOTES CHKD.
INDEXED C. Johnson DATE

F.B. 2389 Pg. 112

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	3070.832 ✓					
	10.548		10.746			
	3081.380	+ 9.991	+ 9.991			
	0.557		0.755			
T.P.	3080.823 ✓					
	10.986		11.172			
	3091.809	+10.794	+10.794			
	0.192		0.378			
T.P.	3091.617 ✓					
	11.050		11.237			
	3102.667	+10.621	+10.621			
	0.429		0.616			
T.P.	3102.238 ✓					
	9.799		9.890			
	3112.037	+ 9.119	+ 9.118			
	0.680		0.772			
T.P.	3111.357 ✓					
	10.327		10.471			
	3121.684	+8.634	+8.633			
	1.693		1.838			
T.P.	3119.991 ✓					
	4.792		4.717			
	3124.783	+ 2.819	+ 2.819			
	1.973		1.898			
BM-2	3122.810 ✓				3122.810	BM #2 Set Std. CE Brass Cap Bench Mark South side and just above where access road meets Tank pad. 77± S.E. of Tank
	2.871		3.008			
	3125.681	- 2.005	- 2.006			
	4.876		5.014			
TBM	3120.805 ✓				3120.805	TBM X on bottom flang of Tank. Below and 3' Left of shut off Valve.

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NOTES RED. JOB NO. 243-100 SURVEY OF Lake Hughes Boys Camp
DATE SURVEY BY R.C. D&C
NOTES CHKD Miller NOTES BY R.C.D. DATE 3-31-60
DATE April 1960 INDEXED [redacted] C. Johnson DATE

F. B. 2389 PG. 113

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	3120.806 ✓					
	5.078		5.180			
	3125.883	-4.194	-4.194			
	9.272		9.374			
T.P.	3116.611 ✓					
	0.674		0.741			
	3117.285	-9.886	-9.887			
	10.560		10.628			
T.P.	3106.725 ✓					
	0.277		0.440			
	3107.002	-10.706	-10.706			
	10.983		11.146			
T.P.	3096.019 ✓					
	0.197		0.364			
	3096.216	-11.312	-11.312			
	11.509		11.676			
T.P.	3084.707 ✓					
	0.409		0.518			
	3085.116	-11.128	-11.128			
	11.537		11646			
T.P.	3073.579 ✓					
	0.407		0.526			
	3073.986	-10.492	-10.492			
	10.899		11.018			
T.P.	3063.087 ✓					
	0.322		0.385			
	3063.409	-10.842	-10.842			
	11.164		11.227			
T.P.	3052.245 ✓					

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JOB NO. 04350.00 SURVEY OF Lake Hughes Boys Camp NOTES RED. DATE
SURVEY BY R.C.D. Jr. NOTES CHKD.
NOTES BY R.C.D. DATE 3-31-60 DATE
INDEXED A.C. Johnson DATE

F. B 2389 Pg. 114

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	3052.245 ✓					
	1.532		1.396			
	3053.777	-9.157	-9.156			
	10.689		10.552			
T.P.	3043.088 ✓					
	1.019		0.879			
	3044.107	-10.565	-10.564			
	11.584		11.443			
T.P.	3032.523 ✓					
	0.443		0.741			
	3032.966	-10.331	-10.331			
	10.774		11.072			
T.P.	3022.192 ✓					
	0.644		0.547			
	3022.836	-10.949	-10.948			
	11.593		11.495			
T.P.	3011.243 ✓					
	0.323		0.417			
	3011.566	-10.393	-10.393			
	10.716		10.810			
T.P.	3000.850 ✓					
	0.892		1.112			
	3001.692	-9.755	-9.755			
	10.597		10.867			
T.P.	2991.095 ✓					
	0.469		0.585			
	2991.564	-9.243	-9.244			
	9.712		9.829			
T.P.	2981.852 ✓					

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NOTES RED. JOB NO 0435.00 SURVEY OF Lake Hughes Boy Camps
DATE SURVEY BY R. S. Date
NOTES CHKD. Miller NOTES BY R. S. D. DATE 6-31-60
DATE April 1960 INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	2981.852 ✓					
	0.770		0.650			
	2982.622	-10.217	-10.217			
	10.987		10.867			
T.P.	2971.635 ✓					
	0.525		0.509			
	2972.160	- 9.842	- 9.843			
	10.367		10.352			
T.P.	2961.793 ✓					
	0.755		0.852			
	2962.548	- 8.835	- 9.336			
	9.590		9.688			
T.P.	2952.958 ✓					
	0.807		0.725			
	2953.765	- 10.425	- 10.426			
	11.232		11.151			
T.P.	2942.533 ✓					
	0.995		0.873			
	2943.528	- 9.905	- 9.905			
	10.900		10.778			
T.P.	2932.628 ✓					
	2857					
	2935.485	- 7.929				
	10.786					
T.P.	2924.699 ✓					
	0.969		0.903			
	2925.668	- 6.714	- 6.714			
	7.683		7617			
BM #3	2917.985 ✓				2917.985	BM #3 Set Spk in lead on NW corner Conc. Pump Base Well #2.

F. B. 2389 PG. 115

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JOB NO. 2435.90 SURVEY OF Lake Hughes Boys Camp NOTES RED.
SURVEY BY R.C. Dale DATE
NOTES BY R.C.A. DATE 4-1-60 NOTES CHKD.
INDEXED C. Tolman DATE DATE

F.B. 2389 Pg. 116

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	2917.985 ✓					
	8.938		8.812			
	2926.923	+ 8.350	+8.350			
	0.588		0.462			
T.P.	2926.335 ✓					
	11.104		11.177			
	2937.439	+10.782	+10.782			
	0.322		0.395			
T.P.	2937.117 ✓					
	11.073		11.363			
	2948.190	+10.768	-10.757			
	0.315		0.606			
T.P.	2947.875 ✓					
	11.221		11.237			
	2959.096	+ 10.718	+10.718			
	0.503		0.519			
T.P.	2958.593 ✓					
	11.358		11.379			
	2969.951	+10.400	+10.401			
	0.958		0.978			
Int.	2968.993 ✓					Int. Elev = 2968.940 Unadj. FD Spkwdt
	2.131		2.160			Int. Random Property Line @ E
	2971.124 ✓	5.189	-5.191			Elizabeth Lake Cyn Rd R-RB-1852-173,180
	7.320		7.351			
T.P.	2963.804 ✓					
	0.825		0.693			
	2964.629	-8.690	-8.690			
	9.515		9.383			
T.P.	2955.114 ✓					

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NOTES RED. JOB NO. 243500 SURVEY OF Lake Hughes Boys Camp
DATE SURVEY BY R.C. Dale
NOTES CHKD. Miller NOTES BY R.C.D. DATE 4-1-60
DATE April 1960 INDEXED Johnson DATE

F.B. 2389 PG. 117

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	2955.114 ✓					
	0.907		1.033			
	2956021	- 7.322	- 7.322			
	8.229		8356			
T.P.	2947.792 ✓					
	2.171		2.139			
	2949.963	- 5.898	- 5.900			
	8.069		8.039			
T.P.	2941.894 ✓					
	0.939		0.801			
	2942.833	- 8.219	- 8.218			
	9.158		9.019			
T.P.	2933.675 ✓					
	0896		0.826			
	2934.571	- 8.491	- 8.490			
	9387		9.316			
Int.	2925.184 ✓					Int. Fd Spk W&T Flush. Intersection Elizabeth Lake Cr Rd and access road To main camp os. Per FB. 2389-49
	1.609		1.719			
	2926.793	- 7.329	- 7.329			
	8.937		9.048			
T.P.	2917.856 ✓					
	2.012		1.955			
	2919.868	- 5.119	- 5.119			
	7.131		7.074			
T.P.	2912.737 ✓					
	3670		3.475			
	2916.407	- 2.908	- 2.908			
	6578		6 383			
T.P.	2909.829 ✓					

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JOB NO. 093500 SURVEY OF Lake Hughes Boys Camp NOTES RED. DATE
SURVEY BY R.C. Dale
NOTES BY R.C.D. DATE 4-1-60 NOTES CHKD.
INDEXED C. Johnson DATE

F.B. 2389 Pg. 118

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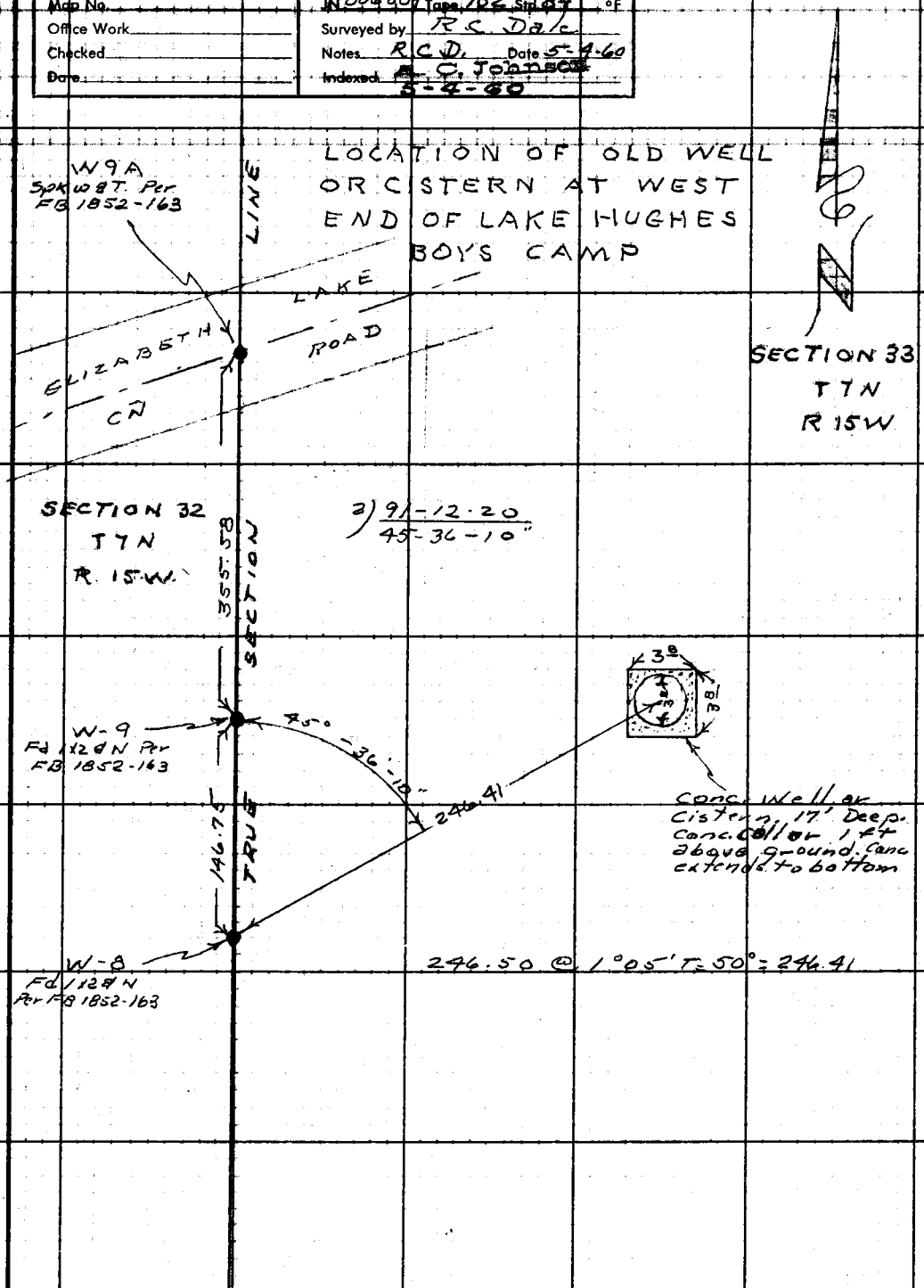
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	2909.829 ✓					
	3.913		3.744			
	2913.742	- 3.200	- 3.202			
	7.113		6.946			
T.P.	2906.629 ✓					
	3.750		3.547			
	2910.379	- 2.870	- 2.869			
	6.620		6.416			
T.P.	2903.759 ✓					
	3.100		2.924			
	2906.859	- 4.330	- 4.580			
	7.680		7.504			
P.I. #36	2999.179 ✓					PI #36 Elev = 2899.198 ✓ unadj. Ref FB 1852-179. Fd Sp Kwd T Flush FB 1852-169 & FB 2389-106

Notes Ck'd by	Survey of Lake Hughes Boys Camp
Map No.	IN 006009 Tape 152 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R C D. Date 5-4-60
Date	Indexed A. C. Johnson 5-4-60

F. B. 2389 PG. 119



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763098 CE #247—7-53

MUNZ MENDENHALL BOYS

Notes Ck'd by M. OSHITA	Survey of CAMP SEWER TREATMENT PLANT F. B. 2389 PG. 121
Map No.	JN 960907 Tape 196 Std 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C. PIERCE Date 2-6-64
Date	Indexed C. J. GALLI FEB 21 '64

JN. 9609.07

MUNZ-MENDENHALL BOYS CAMP

SEWER TREATMENT PLANT

PIERCE
MENDONCA
ALBRIGHT
HILL
TALBOT

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76F3095 CE #310 6-62

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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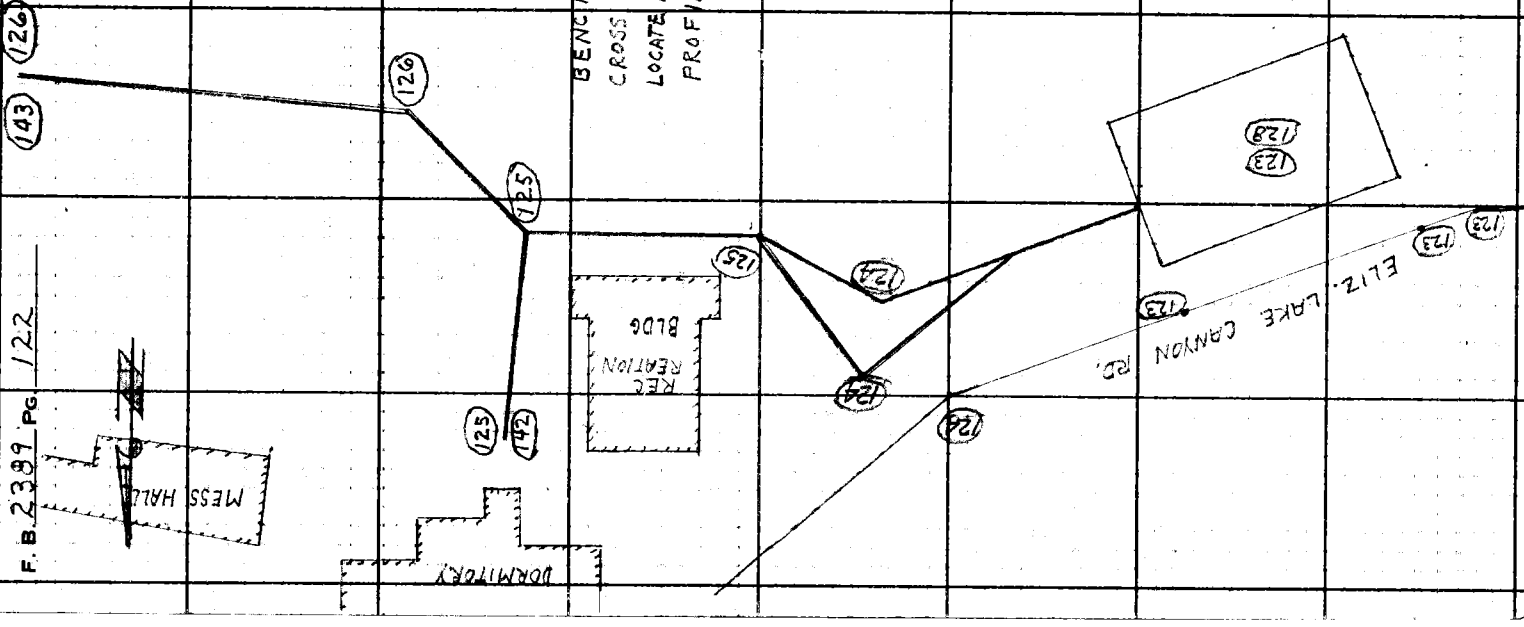
BENCH LEVELS PGS. 146-147
CROSS SECS GRID AREA PGS 131-139
LOCATE EXIST S.S. PGS 142-143
PROFILE PGS. 149-150

F. B. 2389 PG. 122



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

Survey of MUNZ-MENDENALL CAMP. SS.
JN 9609.07 Tape 196 Std 84 °F
Surveyed by J. C. PIERCE
Notes PIERCE Date 2-7-64
Indexed C. J. GALLI

F. B. 2389 PG. 123

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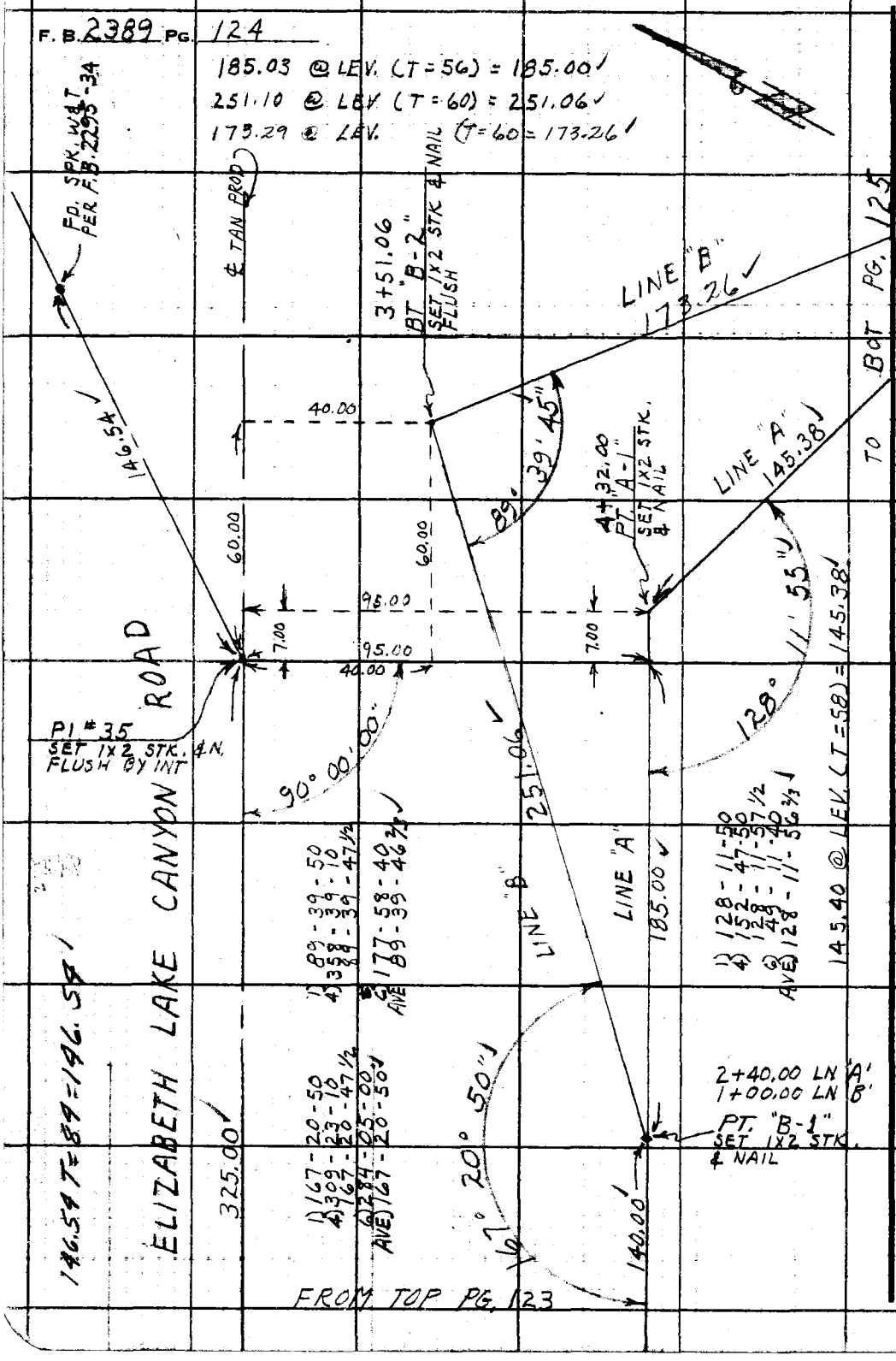
76F309S CE #310 6-62

F. B. 2389 PG. 124

185.03 @ LEV. (T=56) = 185.00

251.10 @ LEV (T=60) = 251.06

173.29 @ LEV. (T=60 = 173.26



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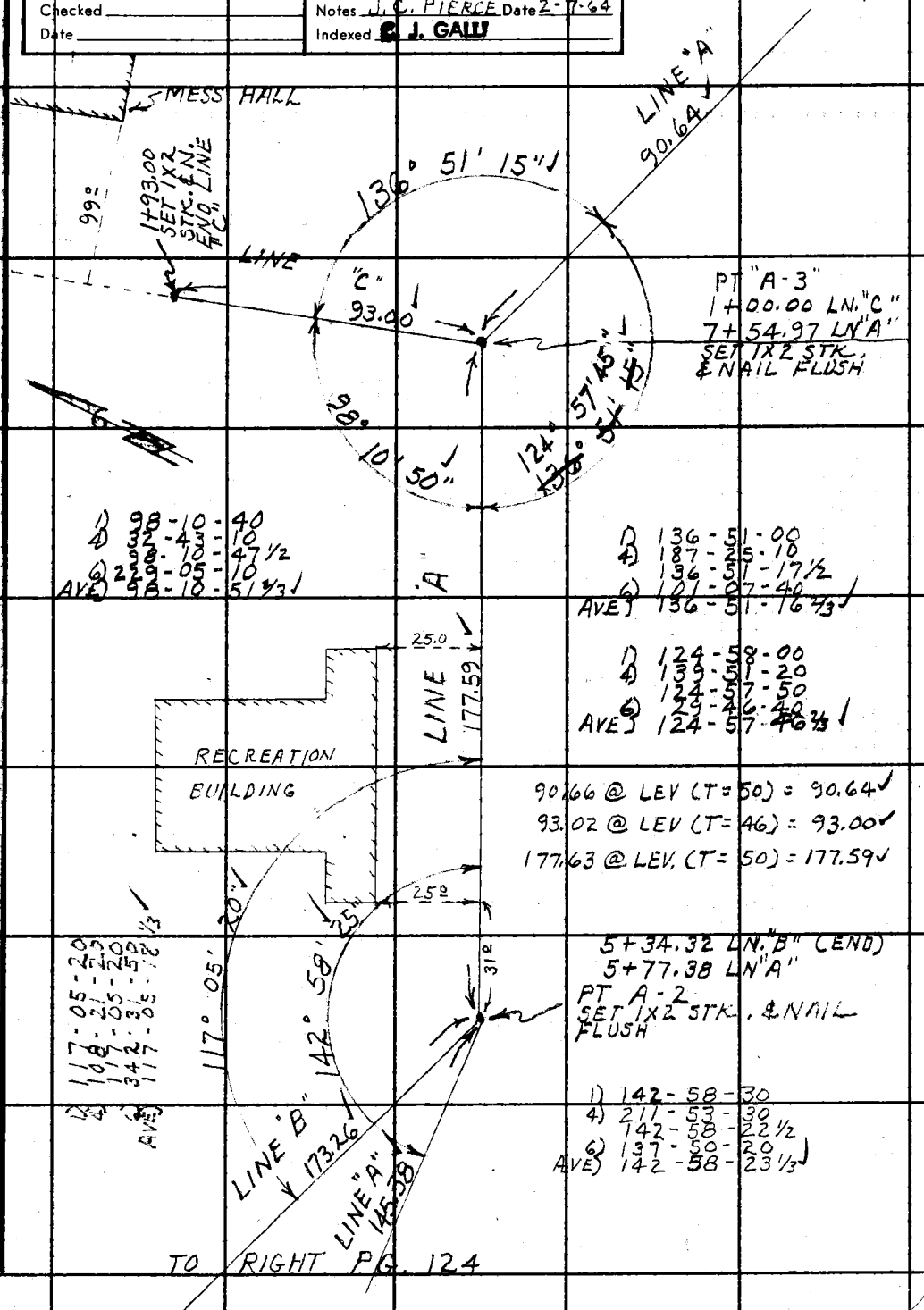
Notes Ck'd by M. OSHITA	Survey of MENDENHALL - MUNZ S.S.	F. B 2389 PG. 125
Map No.	JN 9609.07 Tape 196 Std 84 °F	TO BOT. PG. 126
Office Work	Surveyed by J. C. PIERCE	
Checked	Notes J. C. PIERCE Date 2-7-64	
Date	Indexed E. J. GALLI	



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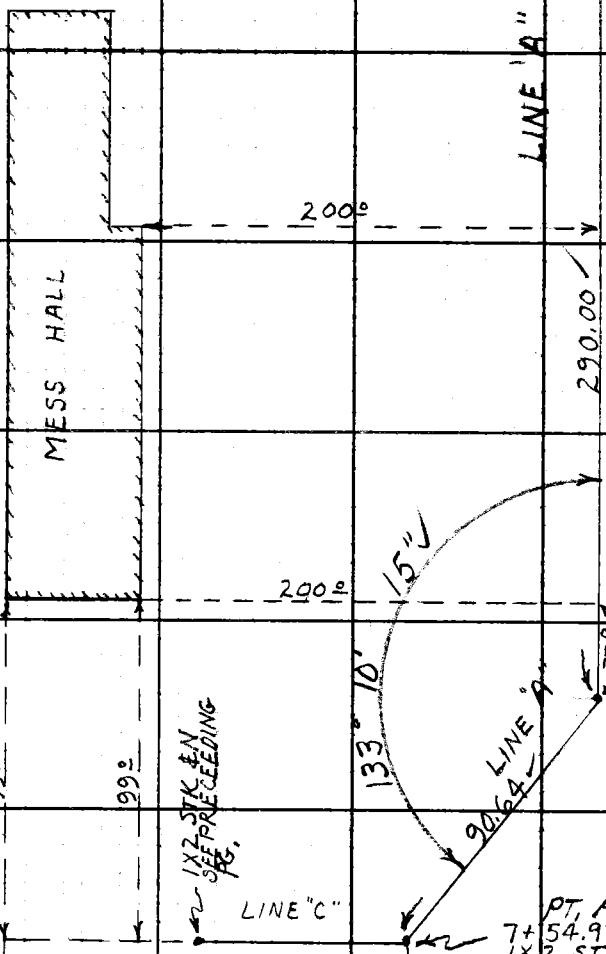
76F309S CE #31 82

F. B. 2389 PG. 126



1 133 - 10 - 20
2 133 - 10 - 15
AVG 133 - 10 - 13 1/3

90.66 @ LEV. (T=50) = 90.64

TO TOP PG 125

LOS ANGELES COUNTY ENGINEER
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Notes Ck'd by M. OSHITA	Survey of MUNZ BOYS CAMP SS
Map No.	JN 9609.07 Tape 196 Std 84 °F
~~Office Work~~	~~Surveyed by~~ J. C. PIERCE
Checked	Notes J. C. PIERCE Date 2-13-64
Date	Indexed C. J. GALLY FEB 21 '64

F. B. 2399 PG. 127

J.N. 9609.07

MUNZ-MENDENHALL BOYS CAMP

SAN. SEWER SYSTEM

25' GRID SYSTEM FOR
325' X 200' AREA TO BE
CROSS SECTIONED

PIERCE
MENDONCA
HILL
ALBRIGHT
TALBOT

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76F3095 C.E. #310 6-62

F. B. 2389 PG. 128

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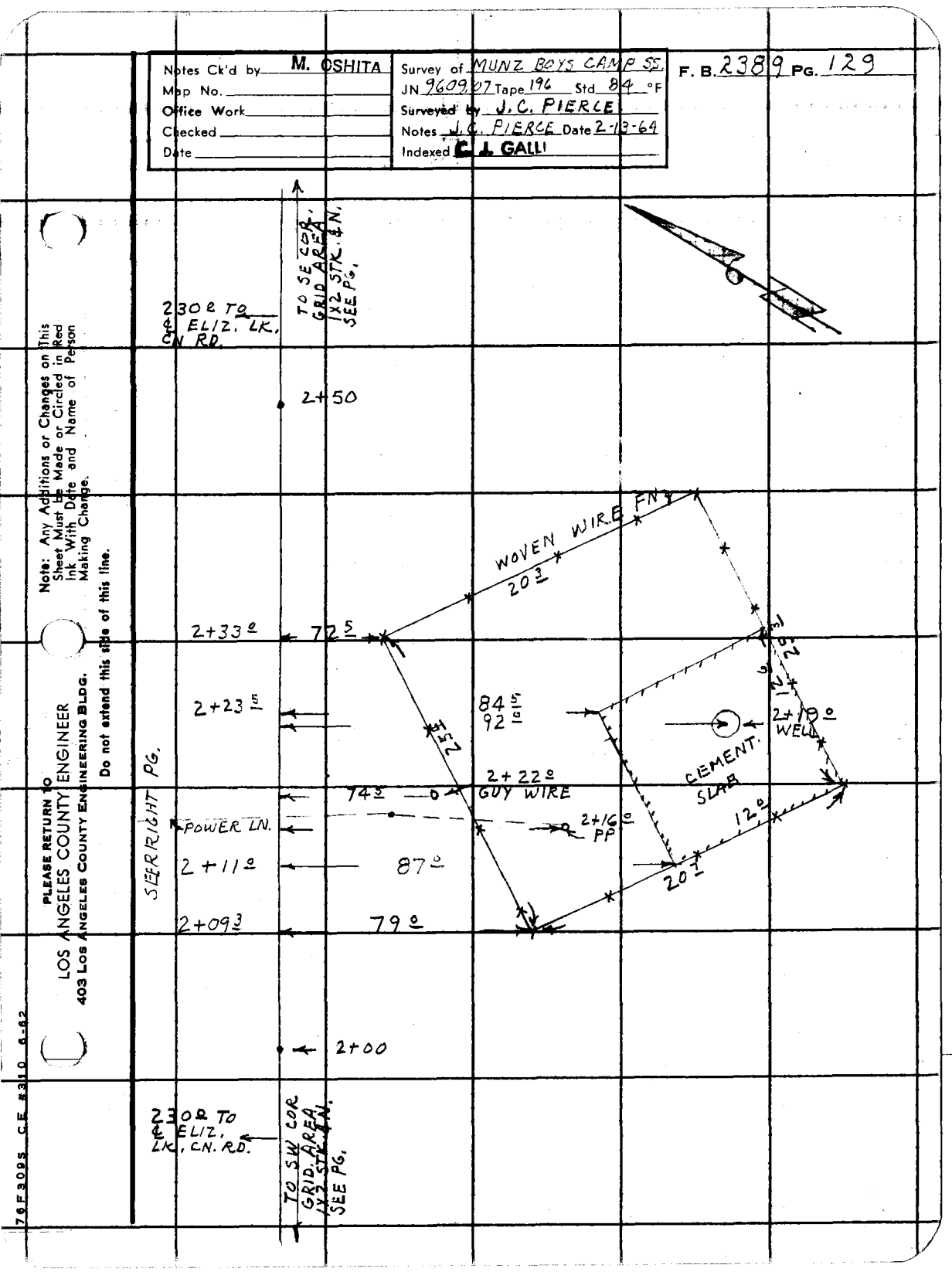
Notes Ck'd by M. OSHITA	Survey of MUNZ BOYS CAMP SS.	F. B. 2389 PG. 129
Map No.	JN 960907 Tape 196 Std 84 °F	
Office Work	Surveyed by J.C. PIERCE	
Checked	Notes J.C. PIERCE Date 2-13-64	
Date	Indexed C. J. GALLI	



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76F3095 C.E. #310 6-62

Profile No. | Notes Red | Plotted | Job No. 9609.07 | Division No. 11 | F.B. 2389 Pg. 131
X-Sec. No. | Notes Chkd. M. OSH | Checked | Survey of MENDENHALL-MUNZ BOYS CAMP S.S.
Date | Date | Survey by J.C. PIERCE Notes J.C.P. Date 2-13-64
Date | Date | Map No. | Indexed C. J. GALLI Date FEB 21 '64

J.N. 9609.07

MUNZ - MENDENHALL BOYS CAMP S.S.

CROSS SECTIONS ON 325' X 200' AREA

PIERCE
MENDONCA
HILL
TALBOT
ALBRIGHT

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

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76-L.296 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2389 Pg. 132 | Job No. 9609.07 Division No. 11 | Notes Red | Plotted | Profile
Survey of MENDENHALL - MUNZ BOYS CAMP S.S. | Date | No. | X-Sec.
Survey by J.C. PIERCE Notes J.C.P. | Notes Chkd. | Checked
Indexed C. J. GALLI | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		
INT	170	2906 45		2904 748	INT = T.BM ELEV. = 2904.748 PER F.B. 1852 PG 179 AT INTERSECTION OF ELIZABETH LAKE CANYON RD. AND CONTROL LINE 'C' SEE F.B. 1852 PG 169 A N&T IN PVM'T.	
P.I. #36	215	2901 36	724	2899 21	P.I. # 36 ELEV = 2899.198 PER F.B. 1852 - 179 ON ELIZABETH LK. CANYON RD. 0.25± MI. W. OF ENTRANCE TO MENDENHALL - MUNZ BOYS CAMP 60'± W. OF PP# 1190731-E A LRG BT SPK. W. & T. IN PVM'T.	
T.P. LINE "D"	526	2903 69	293	2898 43	IX.I STK.	
0+00			53	2898 4	SLOPE	LINE "D"
0+25			69	96 8		
0+50			73	96 4		
0+75			57	98 0		
1+00			47	99 0		
1+25			44	99 3		
1+50			42	99 5		
1+75			16	99 1		
2+00			43	2899 4		
2+25			36	2900 1		
2+50			31	00 6		
2+75			24	01 3		
3+00			23	01 4		
3+25			21	2901 6		

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
LINE "E"						
0+00		2903.69	[illegible]	2892 3	SLOPE	LINE "E"
0+25			105	93 2		
0+50			104	93 3		
0+75			90	94 7		
1+00			81	95 6		
1+25			76	96 1		
1+50			76	96 1		
1+75			[illegible]	96 1		
2+00			68	96 9		
2+25			68	96 9		
2+50			69	96 8		
2+75			58	97 9		
3+00			49	98 8		
3+25			45	99 2		
LINE "F"						LINE "F"
0+00			166	87 1		
0+25			143	89 4		
0+50			129	90 8		
0+75			119	91 8		
1+00			110	92 7		
1+25			107	93 0		
1+50			110	2892 7		

Profile Notes Red ____ Plotted ____ Job No. 9609.07 Division No. 11 F.B. 2389 Pg. 133
No. ____ Date ____ Date ____ Survey of MENDENHALL-MUNZ BOYS CAMP S.S.
X-Sec. Notes Chkd. M. OSHIRO Checked ____ Survey by J.C. PIERCE Notes J.C.P. Date 2-13-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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F.B. 2389 Pg. 134 | Job No. 9609.07 Division No. 11 Notes Red Plotted Profile
Survey of MENDENHALL-MUNZ BOYS CAMP S.S. Date No. X-Sec.
Survey by J.C. PIERCE Notes J.C.P. Notes Chkd. Checked
Indexed C. J. GALL Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
LINE "F"						LINE "F"
1+75		2903.69	101	2993 6	SLOPE	
2+00			97	94 0		
2+25			98	93 9		
2+50			93	94 4		
2+75			81	95 6		
3+00			75	96 2		
3+25			72	96 5		
T.P.	084	2897 14	739	2896 3	IVI STK.	
LINE "G"						LINE "G"
0+00			129	84 7	SLOPE	
0+25			107	86 4		
0+50			89	88 2		
0+75			77	89 4		
1+00			69	90 2		
1+25			69	90 2		
1+50			78	89 7		
1+75			62	90 8		
2+00			56	91 5		
2+25			53	91 8		
2+50			45	92 6		
2+75			40	93 1		
3+00			34	2893 7		

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
LINE "G" 3+25		289714	32	2893 9	SLOPE	LINE "G"
LINE "H" 0+00			175	79 6		LINE "H"
0+25			142	82 9		
0+50			122	84 9		
0+75			108	86 3		
1+00			97	87 4		
1+25			100	87 1	TOP BRK.	
1+40			130	84 1	B[illegible]	
1+50			134	83 7	FLAT	
1+65			124	84 7	BOT. BRK.	
1+75			110	86 1	SLOPE	
1+86			86	88 5	TOP BRK.	
2+00			82	88 9	SLOPE	
2+25			71	90 0		
2+50			66	90 5		
2+75			62	90 9		
3+00			55	91 6		
3+22			57	91 4	TOP BRK.	
3+25			68	90 3	℄ DRAIN	
3+29			55	2891 6	TOP BRK.	

Profile Notes Red ____ Plotted ____ Job No. 9609.07 Division No. 11 F.B. 2389 Pg. 135
No. ____ Date ____ Date ____ Survey of MENDENHALL-MUNZ BOYS CAMP S.S.
X-Sec. Notes Chkd. M. OSHITA Checked ____ Survey by J.C. PIERCE Notes J.C.P. Date 2-13-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F.B. 2389 Pg. 136 | Job No. 9609.07 Division No. 11 Notes Red Plotted Profile
Survey of MENDENHALL - NUNZ BOYS CAMP S.S. Date Date No. X-Sec.
Survey by L.C.P. Notes L.C.P. Notes Chkd. Checked No.
Indexed C.J. GALLI Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
		289714				
T.P.	105	289260	559	289155	IXI STK.	
LINE "I"						LINE "I"
0+00			156	770	SLOPE	
0+25			138	788		
0+50			114	812		
0+75			94	832		
1+00			86	840		
1+25			81	845		
1+35			80	846	TOP BANK	
1+41			103	823	HOT "	
1+50			110	816	FLAT	
1+63			109	822	HOT BANK	
1+75			73	853	TOP "	
2+00			55	871	SLOPE	
2+25			19	877		
2+50			39	887		
2+75			31	895		
2+94			33	893	TOP BANK	
3+00			47	879	& DRAIN	
3+16			21	905	TOP BANK	
3+25			18	289?8	SLOPE	

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
LINE "J" 0+00		289260	185	28741	SLOPE	LINE "J"
0+25			170	756		
0+50			146	780		
0+75			122	804		
1+00			116	810		
1+25			106	820		
1+50			110	816		
1+75			96	830		
2+00			80	846		
2+25			78	848		
2+50			66	860		
2+75			52	874		
2+93			45	881	TOP BRK.	
3+00			58	868	℄ DRAIN	
3+03			44	882	TOP BRK.	
3+25			40	886	SLOPE	
LINE "K" 0+00			200	726		LINE "K"
0+25			190	736		
0+50			172	754		
0+75			153	773		
1+00			146	28780		

Profile Notes Red ____ Plotted ____ Job No. 9609.07 Division No. 11 F.B. 2389 Pg. 137
No. ____ Date ____ Date ____ Survey of MENDENHALL - MUNT BOYS CONF S.C.
X-Sec. Notes Chkd. M. OSHIRA Checked ____ Survey by J. C. PIERCE Notes J.C.P. Date 2-13-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAULT Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
LINE "K"						LINE "K"
1+25		2892.60	130	2879 6	SLOPE	
1+50			115	81 1		
1+75			115	81 1		
2+00			105	82 1		
2+25			95	83 1		
2+50			[illegible]	84 2		
2+75			[illegible]	85 7		
2+90			6	86 0	℄ DRAIN (END OF DRAIN)	
3+00			62	86 4	SLOPE	
3+25			60	86 6	"	
T.P.	2.95	2885.89	966	2882 94	1x1 STK.	
LINE "L"						LINE "L"
0+00			124	73 5	SLOPE	
0+25			118	74 1		
0+50			115	74 4		
0+75			108	75 1		
1+00			96	76 3		
1+25			85	77 4		
1+50			76	78 3		
1+75			50	80 9		
2+00			56	80 3		
2+25			48	81 1		

F.B. 2389 PG. 138 Job No. 9609.07 Division No. 11 Notes Red Plotted Profile
Survey of MENDENHALL-MUNZ BOYS CAMP S.S. Date Date No. X-Sec.
Survey by J.C. PIERCE Notes J.C.P. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
LINE "L"					LINE "L"	
2+50		2835 89	34	2882 5	SLOPE	
2+75			20	83 9		
3+00			23	83 6		
3+25			12	84 7		
T.B.M. #1	10 63	2891 45	507	2880 [illegible]		
T.P.	11 65	2901 74	136	2890 09	[illegible]	
T.P.	10 37	2911 60	051	2901 23	1X1 STK.	
INT.			684	2904 76	INT ELEV = 2904.784 F.B. 1852 - 179 N&T IN PVMT. (ELIZ. LK. CANYON RD.)	

Profile Notes Red ____ Plotted ____ Job No. 9609.07 Division No. 11 F.B. 2389 Pg. 139
No. ____ Date ____ Date ____ Survey of MENDENHALL - MUNIZ BOYS CAMP S.S.
X-Sec. Notes Chkd. M. OSHITA Checked ____ Survey by J.C. PIERCE Notes J.C.P. Date 2-13-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

Notes Ck'd by M. COSTA	Survey of MUNZ MENDENHALL B.C. S.S.
Map No.	JN 9609.07 Tape 196 Std 24 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C. PIERCE Date 2-14-64
Date	Indexed C. J. GALLI FEB 21 '64

F. B. 2389 PG. 141

J.N. 9609.07

MUNZ-MENDENHALL BOYS CAMP S.S.

LOCATION OF EXISTING MANHOLES

PIERCE
MENDONCA
HILL
TALBOT
ALBRIGHT

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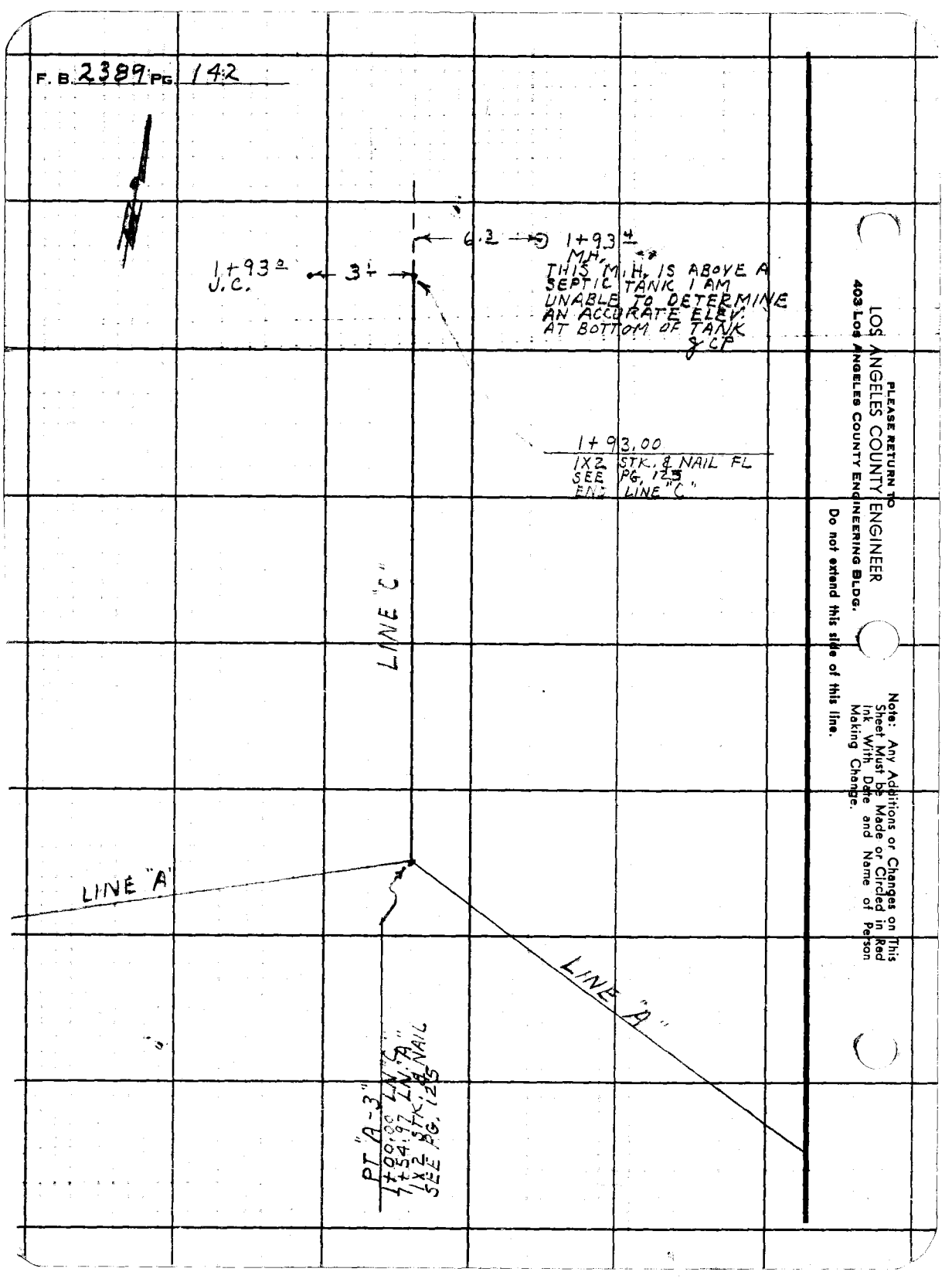
76F3095 C.E. #310 6-62

F. B. 2389 PG. 142



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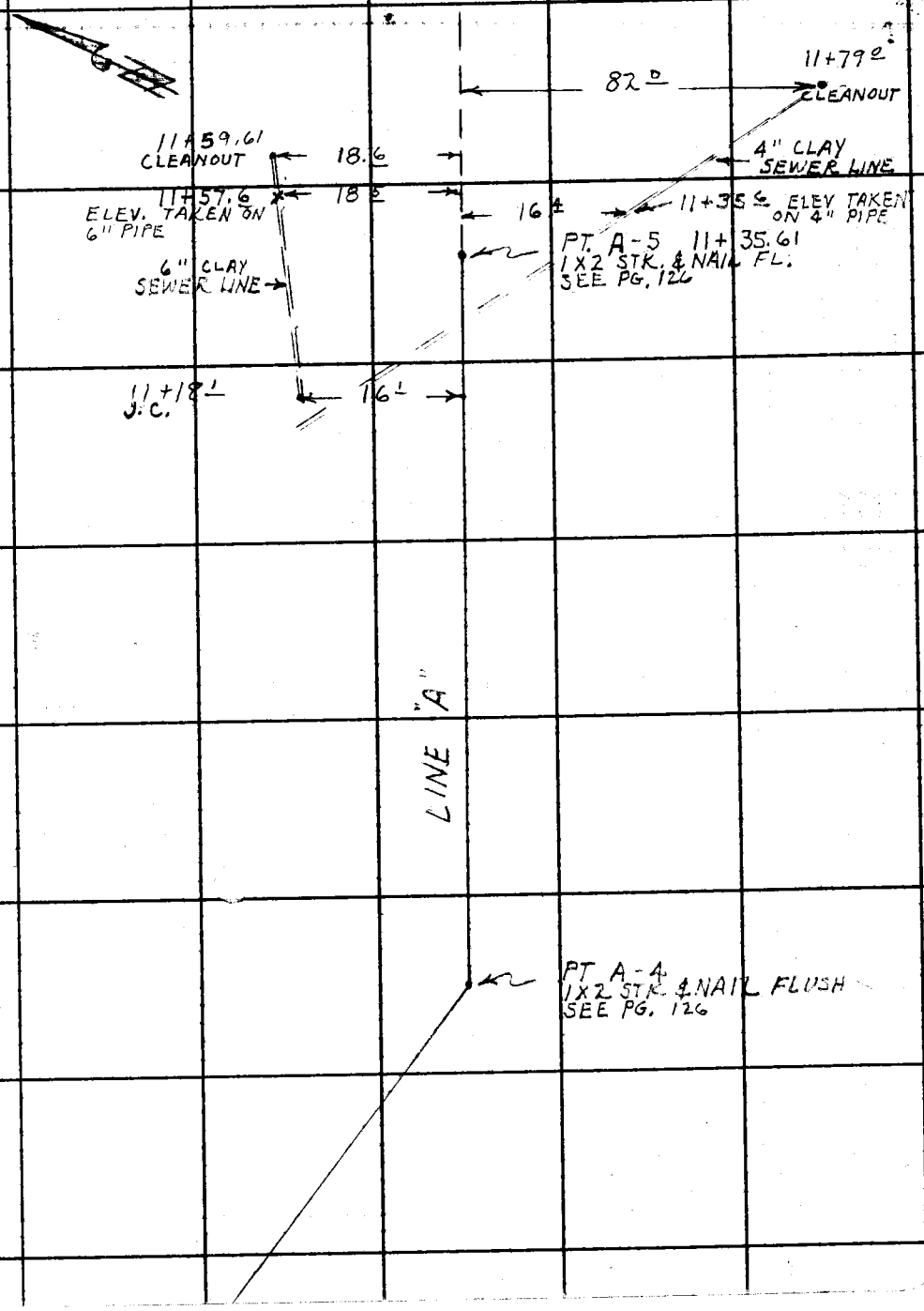
Notes Ck'd by	Survey of MUNZ BOYS CAMPSS
Map No.	JN 9609.07 Tape 196 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 2-13-64
Date	Indexed C. J. GALLI

F. B. 2389 PG. 143



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76F309S CE #310 6-62

F.B. 2389 PG. 145

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chkd. M. OSHITA Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 9609.07 Division No. II

Survey of MUNZ - MENDENHALL BOYS CAMP

Survey by J.C. PIERCE Notes J.C.P. Date 2-14-63

Map No. ____ Indexed C. J. GALLI Date FEB 21 '64

J. N. 9609.07

BENCH LEVELS

FOR

PRELIM. S.S. SURVEY AT

MUNZ-MENDENHALL BOYS CAMP

PIERCE
MENDONCA
HILL
TALBOT
ALBRIGHT

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

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76-L296 CE 307 3-61

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F.B. 2389 Pg. 146 | Job No. 9609.07 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MUNZ - MENDENHALL BOYS CAMP | Date | Date | No.
Survey by J.C. PIERCE Notes MENDONCA | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
P.I. # 36	7300	2906498		2899.198	P.I. # 36 ELEV. 2899.198 F.B. 1852-179 ON ELIZABETH LAKE CANYON RD. 0.25± MI. WEST OF ENTRANCE TO MUNZ-MENDENHALL BOYS CAMP 60'± WEST OF PP # 1190731-E A LRG BT. SPK. W. & T. IN PVM'T.	
INT.	6215	2910 951	1762	2904 736	INT. - ELEV. = 2904.748 FB. 1852-179 AT INTERSECTION OF ELIZABETH LAKE CANYON RD. & CONTROL LINE "C" FOR MUNZ-MENDENHALL BOYS CAMP SEE FB. 1852-169 A NAIL & TIN IN PVM'T.	
T.P.	5014	2904570	11395	2899556	1X1 STK.	
1+00	9365	2904 265	9670	2894900	STATION 1+00 ON LINE "A". 1X2 STK.	
PT. # B-1	1944	2902 997	3212	[illegible]	" " " " "B" " "	
T.P.	5662	2905005	3654	2899343	1X1 STK	
PT. # A-2	5310	2906 517	3798	2901207	PT. # A-2 ON LINE 'A' 1X2 STK.	
SET T.B.M. # 2	4345	2906 775	4690	2901827	T.B.M. # 2 ELEV. = 2901.827 F.B. 2389-146 AT MUNZ BOYS CAMP, SOUTH OF DORMITORY BLDG. IN FLAG POLE BASE, 8" SOUTH OF FLAG POLE. A SPK & LEAD IN CONC.	
T.P.	4070	29 07 777	3068	2903 707	1X1 STK.	
SET T.B.M. # 3	3700	2907 915	3562	2904 215	T.B.M. # 3 ELEV. = 2904.215 F.B. 2389-146 AT MUNZ BOYS CAMP, 30'± S.W. OF ADMINISTRATION BLDG. IN DRINKING FOUNTAIN CONC. BASE. 1'N. & 1'E. OF S.W. COR. A SPK. & LEAD IN CONC.	
T.P.	4298	2905 735	6428	2901 487	1X1 STK.	
T.P.	10402	29 15 437	0750	2905 035	1X1 STK.	
T.P.	2185	2911 792	5830	2909.607	1X1 STK.	

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		2911.792				
INT.			7055	2904.737	INT. ELEV = 2904.748 F.B. 1852-179 SEE PRECEEDING PG.	

Profile Notes Red Plotted Job No. 9609.07 Division No. 11 F. B. 2389 Pg. 147
No. X-Sec. Date Date Survey of MUNZ-MENDENHALL BROS CAMP
No. Notes Chkd M. OSHITA Checked Survey by J.C. PIERCE Notes MENDONCA Date 2-14-64
No. Date Date Map No. Indexed C. J. GALL Date

Profile No. _____ X-Sec. No. _____

Notes Red _____ Date _____ Notes Chkd. M. OSHITA Date _____

Plotted _____ Date _____ Checked _____ Date _____

Job No. 9609.07 Division No. 11

Survey of MUNZ - MENDENHALL BOYS CAMP S.S.

Survey by J.C. PIERCE Notes J.C.P. Date 2-14-64

Map No. _____ Indexed C. J. GAIN Date FEB 21 '64

F.B. 2389 PG. 149

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

J. N. 9609.07

MUNZ-MENDENHALL BOYS CAMP

SAN. SEWER PRELIMINARY PROFILE ON LINE "A"

PIERCE
MENDONCA
HILL
TALBOT
ALBRIGHT

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2389 PG. 150 | Job No. 9609.07 Division No. 11 Notes Red Plotted Profile
Survey of MUNZ - MENDENHALL BOYS CAMP S.S. Date Date No. X-Sec.
Survey by J.C. PIERCE Notes MENDONCA Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.		
1+00				2894.90	1X2 STK & N. ELEV = 2894.900	F.B. 2389-146
1+14				94 8	TOP BRK	
1+16				93 4	& DRAIN	
1+22				95 7	TOP DRAIN	
1+25				9534	1X1 STK. SLOPE	
1+50				9786		
1+75				9877		
2+00				9910		
2+25				290021		
Pt. # B-1						
2+40				0103	1X2 STK.	
2+50				0150	1X1 STK.	
2+75				0166		
3+00				0195		
3+25				0213		
3+50				0220		
3+75				290082	TOP BRK.	
4+00				289897	TOP "	
Pt. # A-1						
4+32.00				9967	1X2 STK & N. SLOPE	
4+50				289979	1X1 STK.	
4+75				290017		
5+00				290045		

76-L298 CE 307 3-61

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Profile Notes Red Plotted Job No. 9609.07 Division No. 11
No. X-Sec. Date Date Survey of MUNZ-MENZENHALL BOYS CAMP S.S.
No. Notes Chkd M. OSHITA Checked Survey by J.C. PIERCE Notes MENDOZA Date 2-14-64
No. Date Date Map No. Indexed C.J. GALLI Date

F.B. 2389 Pg. 154

STATION	B.S.	H.I.	F.S.	ELEV.		
5+25				290105	1X1 STK. FLAT	
5+50				01 12	" "	
PT. #A-2						
5+77 38				01 21	1X2 STK. "	
5+83 1				0179	TOP ASPHALT CURB	
5+83 1				01 28	EDGE PAVE.	
6+00				01 14	PAVE. N&T	6+75
6+25				011E	" "	
6+50				01 28	" "	
6+ 71 5				01 49	EDGE PAVE.	
6+ 71 5				0191	TOP CONC. CURB - IN EDGE CONC. WALK	
6+75				0189	CHSLD "4" in CONC. WALK	
6+79				01 32	E. EDGE CONC. WALK.	
7+00				01 71	CHSLD "4" IN 8'X10' CONC. PORCH TABLES #2	
7+25				0138	1X1 STK. FLAT	
PT. #A-3						
7+54 97				0053	1X2 STK. & N.	
7+75				01 06	1X1 STK	
8+00				0202	"	
PT. #A-4						
8+45 61				0153	1X2 STK. & N	
8+75				0121	1X1 STK.	
9+00				0154		
9+25				290148		

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STATION	B. S.	H. I.	F. S.	ELEV.		
9+50				290137	1X1 STK. FLAT	
9+75				0132		
10+00				0149		01.26
10+25				0143		00.29
10+50				0142		
10+75				0176		
11+00				0201		
11+25				[illegible]		
PT. #A-5 11+35.61				[illegible]	1X2 STK. & H	
11+17.0				290239	16.1 L. W. RIM MANHOLE	
11+17.0				290029	16.1 L. W. INVERT – 6" OUTLET	
11+18.1				0240	17.2 L. N. RIM M.H.	
11+18.1			CKD. 6-23-65 J.C.P.	00.26 ~~0126~~	17.2 L. N. INVERT – 6" OUTLET	
11+19.2				0239	16.1 L. E. RIM M.H.	
11+19.2				0029	16.1 L. E. INVERT – 6" INLET	
11+35.6				0098	16.4 R. TOP OF 4" CLAY PIPE	
11+57.6				290176	18.5 L. TOP OF 6" CLAY PIPE	
T.B.M. #3				290422	T.B.M. #3 ELEV. 2904.215 F.B. 2389 – 146 AT MUNZ BOYS CAMP, 30'± S.W. OF ADMINISTRATION BLDG. IN DRINKING FOUNTAIN CONC. BASE 1'N. & 1'E. OF S.W. COR. A SPK. & LEAD IN CONC.	

F.B. 2389 PG. 152

Job No. 9609.07 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of MUNZ-MENDENHALL BOYS CAMP S.S. Date ____ Date ____ No. ____ X-Sec. ____

Survey by J.C. PIERCE Notes MENDONCA Notes Chkd. ____ Checked ____ No. ____

Indexed G. J. GALLI Date ____ Date ____ Date ____

Profile No.	Notes Red Date	Plotted Date	Job No. 9609.07	Division No. 11	F.B. 2389 Pg. 153
X-Sec. No.	Notes Chkd. M. CSHEA Date	Checked Date	Survey of MUNZ - MENDENHALL BOYS CAMP S.S.		
			Survey by J.C. PIERCE	Notes J.C.P.	Date 2-14-64
			Map No.	Indexed J. GAIN	Date FEB 21 '64

J.N. 9609.07

MUNZ - MENDENHALL BOYS CAMP S.S.

PROFILE

ON

LINE "B"

PIERCE
MENDONCA
HILL
ALBRIGHT
TALBOT

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

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76-L288 CE 307 3-61

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F.B. 2389 Pg. 154 | Job No. 9609.07 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MUNZ - MENDENHALL BOYS CAMP S.S. | Date | No. | X-Sec.
Survey by J.C. PIERCE | Notes MENDONCA | Notes Chkd. | Checked
Indexed C.J. GALL | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	
1+00				2901.05	PT.#B-1 IX2 STK & N. ELEV.=2901.053 F.B. 2389-146
1+25				02.66	IX1 STK. SLOPE
1+50				02.79	
1+75				03.24	
2+00				04.50	
2+25				04.92	
2+50				04.85	
2+75				04.68	
3+00				04.22	
3+25				02.62	
PT. #B-2 3+51.06				02.09	IX2 STK & N.
3+59.5				01.94	TOP ASPHALT CURB
3+59.5				01.92	EDGE PAVE.
3+70.8				01.87	" "
3+70.8				01.85	TOP ASPHALT CURB
3+75				01.17	IX1 STK. FLAT
4+00				00.95	
9+25				01.24	
4+50				01.28	
4+75				01.05	
5+00				01.04	
PT. #A-2 5+24.32				2901.21	PT. # A-2 IX2 STK & N. ELEV.=2901.207 FB 2389 - 146

F.B. 2389 Pg. 155

Profile No. Notes Red Plotted Job No. 9609.07 Division No. 11
Date Date Survey of MUNZ - MENDENHALL BOYS CAMP S.S.
X-Sec. No. Notes Chkd. M. OSHITA Checked Survey by J.C. PIERCE Notes J.C.P. Date 2-14-64
Date Date Map No. Indexed C. J. GALLI Date FEB 21 '64

J.N. 9609.07

MUNZ - MENDENHALL BOYS CAMP

S. S.

PROFILE ON LINE "C"

PIERCE
MENDONCA
HILL
ALBRIGHT
TALBOT

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

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76-L296 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2389 Pg. 156 | Job No. 9609.07 | Division No. 11 | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile ____ No. ____
Survey of MUNZ - MENDENHALL BOYS CAMP S.S. Date ____ | Notes Chkd. ____ Date ____ | Checked ____ Date ____ | X-Sec. ____ No. ____
Survey by J.C. PIERCE Notes PIERCE
Indexed C. J. GAIN Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M. #2	5 17	2907 66		2901 83	T.B.M. #2 ELEV=2901.827 F.B. 2389-146 AT MUNZ BOYS CAMP, SOUTH OF DORMITORY BLDG. IN FLAG POLE, BASE, 8" SOUTH OF FLAG HOLE, & SPK. & LEAD IN CONC.	
PT. #A-3						
1+00			6 49	2900 51	1X2 STK. #A.	FLAT
1+25			6 28	2900 72	1X1 STK.	
1+50			5 74	2901 26		
1+75			538	2901 62		
1+93			5 47	2901 53	1X2 STK. #A.	END LINE "C"
1+91.2 J.C.			5 51	2901 49	3 1/2 L S. RIM J.C.	
			9 40	2897 60	3 1/2 L INV. ELEV. 6" OUTLET	
1+93.9 J.C.			5 49	2901 51	1 1/2 L E RIM J.C.	
			9 71	2897 29	1 1/2 L INV. ELEV. 6" INLET	
1+93.8 J.C.			5 53	2901 47	4 1/2 L W. RIM J.C.	
			935	2897 65	4 1/2 L INV. ELEV 6" INLET	
1+93.4 MH			5 62	2901 38	5° R. W. RIM M.H.	
			280	2904 20	T.B.M # 3 ELEV. = 2904.215 F.B. 2389 PG. 146 AT MUNZ BOYS CAMP 30'± S.W. OF ADMINISTRATION BLDG. IN DRINKING FOUNTAIN CONC. BASE 1'N & 1'E. OF S.W. COR. A SPK. & LEAD IN CONC.	

Notes Ck'd by	Survey of MUNZ-MENDENHALL B.S. F. B. 2389 PG. 157
Map No.	JN 9609.07 Tape 184 Std 84 °F
Office Work	Surveyed by J.E. PIERCE
Checked	Notes J.C.P. Date 6-65
Date	Indexed G. D. BAILEY NOV 28 1972

C.P. 9609.07

MUNZ-MENDENHALL BOYS CAMP

SEWER

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PIERCE
HUBBARD
ALBRIGHT
TALBOT

76F3095 CE #310 6-63

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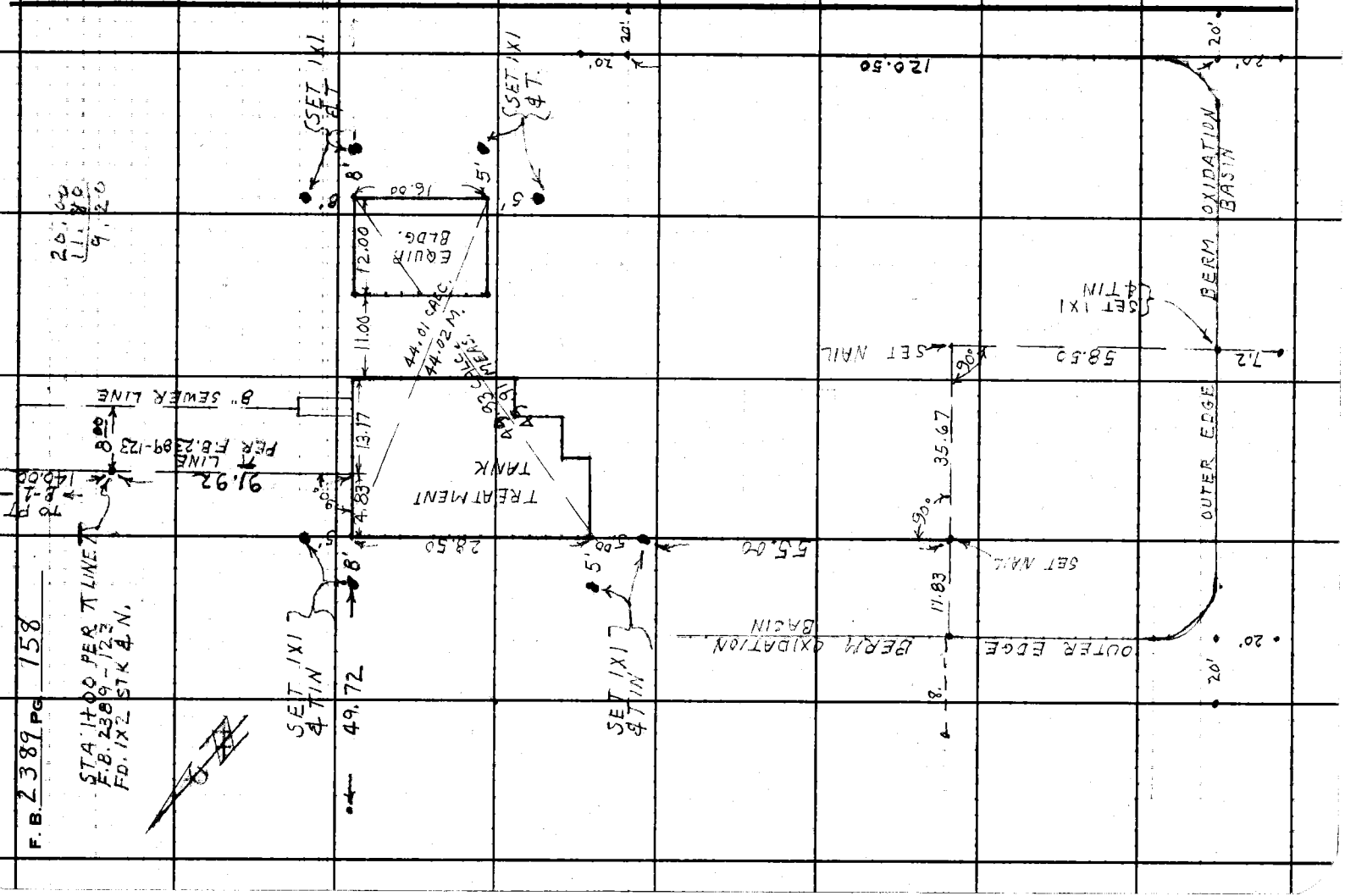
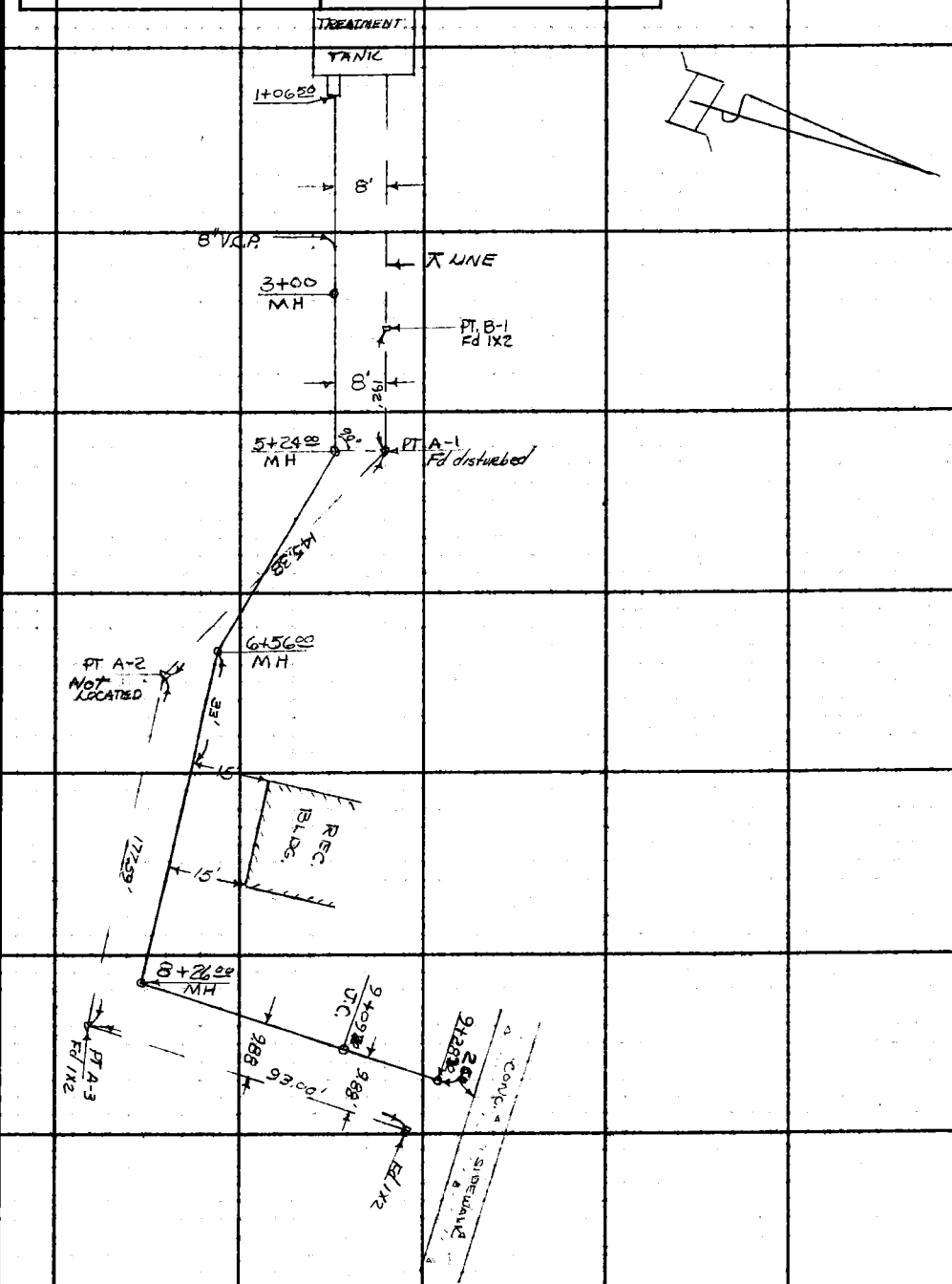
F.B. 2389 PG 158



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

Survey of MUNZ-MENDENHALL S.D. F. B. 2389 PG. 159
JN 960907 Tape 184 Std. 84 °F
Surveyed by J. C. PIERCE
Notes H. C. HUBBARD Date 6-65
Indexed G. D. BAILEY NOV 28 1972



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78F3095 CE #310 6-53

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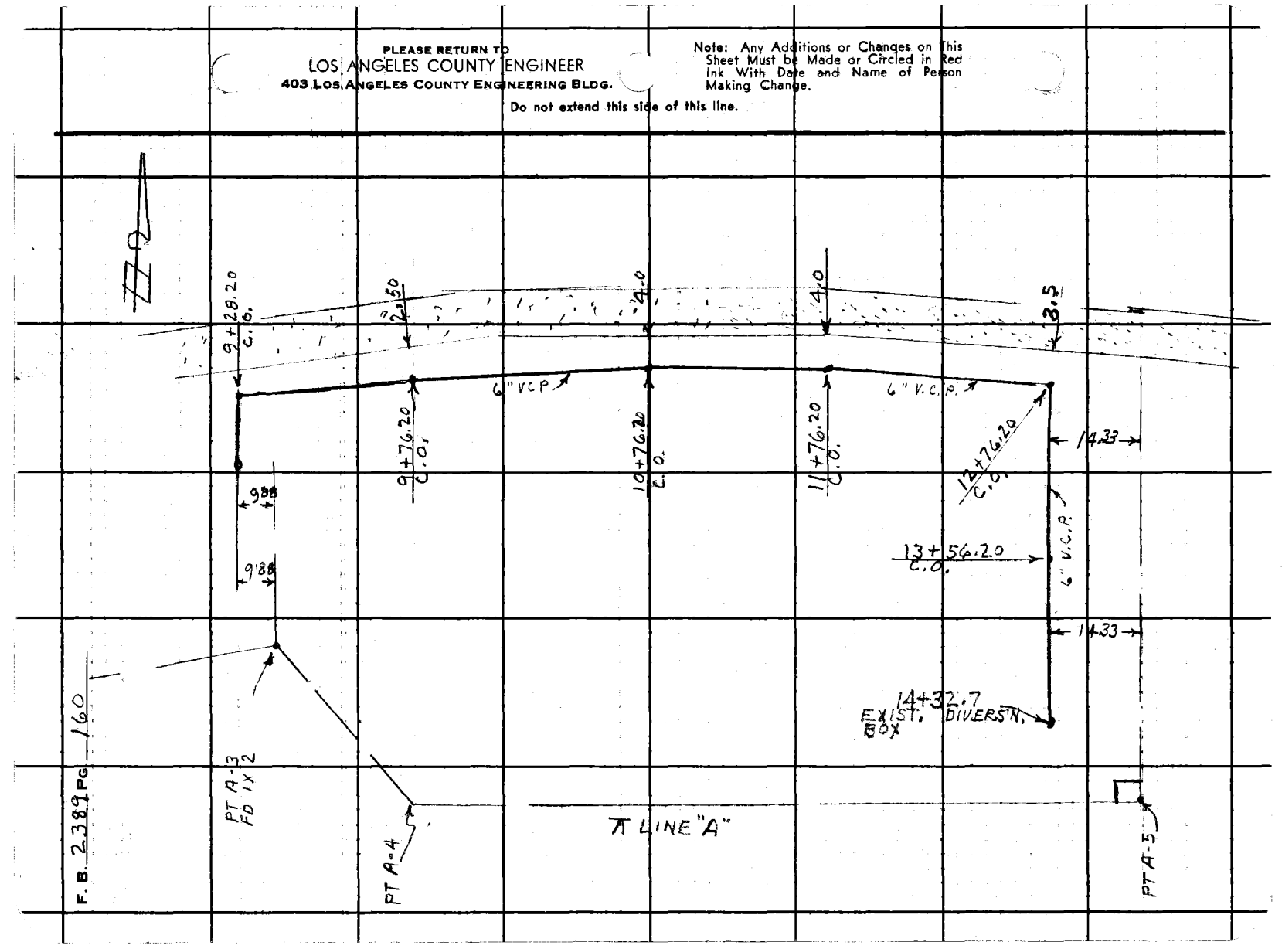

F.B. 2389 PG. 161

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 9609.07 Division No. ____

Survey of MUNZ-MENDENHALL BOYS CAMP S.S.

Survey by J.C. PIERCE Notes J.C.P. Date 6-18-68

Notes Chkd. ____ Date ____ Checked ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date NOV 28 1972

J. N. 9609.07

MUNZ - MENDENHALL BOYS CAMP

S. S.

GRADE STAKES FOR 8" V.C.P SEWER LINE

FROM STA 1+06.50

TO STA 9+09.20

SET STAKES & TINS @ 25' STATIONS 6.00' OFFSET TO RIGHT

TWO COPIES OF GRADE SHEETS GIVEN TO INSPECTOR IN THE FIELD J.C.P.

PIERCE
HUBBARD
ALBRIGHT
TALBOT

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

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76-L286 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2389 Pg. 162 Job No. 9609.07 Division No. Notes Red Plotted Profile
Survey of MUNZ-MENDENHALL BOYS CAMP S.S. Date Date No. X-Sec.
Survey by J.C. PIERCE Notes J.C. PIERCE Notes Chkd. Checked
Indexed G.D. BAILEY Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	INV ELEV. GRADE	%	CUT		
PI = 36				2899.20	PI = 36 ELEV = 2899.198 F.B. 1852-179 F.B. 2389-146 ON ELIZABETH LK. CN RD, 0.25± W. OF ENTRANCE TO MUNZ-MENDEN HALL BOYS CAMP 60' WEST OF PP = 1190731E A LRG BT SPK W/ T IN PVMT				
1+06.50				91 78	2890.71		1.07	SET	STK. &T. 6.00 RIGHT
1+25				91 73	2890.78		0.95		
1+50				91 29	90.88		0.41		
1+75				92 22	90.98		1.24		
2+00				93 46	91.08		2.38		
2+25				95 27	91.18		4.09		
2+50				96 14	91.28		4.86		
2+75				97 29	91.38		5.91		
2+98.00				98 11	2891.48	0.40%	6.63		
3+00 MH				~~98 42~~					
3+02.00				98 44	2891.56		6.88		
3+25				99 38	91.65		7.73		
3+50				2900 41.	91.75		8.66		
3+75				0 62	91.85		8.77		
4+00				0 54	91.95		8.59		
4+25				0 62	92.05		8.57		
4+50				2899 26	92.15		7.11		
4+75				98 42	92.25		6.17		SPK

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	INV. ELEV.	%	CUT					
5+00				2899 20	92.35		6.85	SET	SPK	& T	6.00	RIGHT
5+22.00				99 70	2892.45		7.25	"	STK	"	"	"
5+24 M.H.												
5+26.00				99 70	2892.55		7.15	"	"	"	"	"
5+50				99 88	92.65		7.23	"	"	"	"	"
5+75				2900 23	92.75		7.48	"	"	"	"	"
6+00				00 59	92.85		7.74	"	"	"	"	"
6+25				01 10	92.95		8.15	"	"	"	"	"
6+50				00 75	93.05		7.70	"	"	"	"	"
6+54.00				2901 10	2893.06		8.04	"	"	"	"	"
6+56.00 MH												
6+58.00				2901 16	2893.16		8.00	"	"	"	"	"
6+75				01 11	93.23		7.88	"	SPK	"	"	"
7+00				01 10	93.33		7.77	"	"	"	"	"
7+25				01 22	93.43		7.79	"	"	"	"	"
7+50				01 45	93.53		7.92	"	"	"	"	"
7+75				01 76	93.63		8.13	"	"	"	"	"
8+00				01 53	93.73		7.80	"	STK	"	"	"
8+22.00				00 87	2893.82		7.05	"	"	"	"	"
8+24.00 MH												
8+26.00				2900 59	2893.98		6.61	"	"	"	"	"

Profile No. ____ Notes Red ____ Plotted ____ Job No. 9609.07 Division No. ____ F.B. 2389 Pg. 163
X-Sec. No. ____ Date ____ Date ____ Survey of MUNZ-MENDENHALL BOYS CAMP S.S.
Notes Chkd. ____ Checked ____ Survey by J.C. PIERCE Notes J.C.P. Date 6-18-65
Date ____ Date ____ Map No. ____ Indexed G.D. BAILEY Date NOV 28 1972

76-L298 CE 307 3-61

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F.B. 2389 Pg. 164 | Job No. 9609.07 Division No. | Notes Red | Plotted | Profile
Survey of MUNZ - MENDENHALL BOYS CAMP | Date | Date | No. | X-Sec.
Survey by J.C.P. Notes J.C. PIERCE | Notes Chkd. | Checked | No.
Indexed G.D. BAILEY | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	INV. ELEV	CUT		
8+50				2900 90	2894.08	6.82'	SET STK & T	6.00 RIGHT
8+75				01 41	94.18	7.23'	" "	" " "
9+00				01 68	94.28	7.40'	" "	" " "
9+07.20				2901 74	2894.30	7.44'	" "	" " "
9+09.20 MH								
9+11.20								
T.B.M. # 2				2901 82			T.B.M. # 2 ELEV. = 2901.827 F.B. 2389 - 146 AT MUNZ BOYS CAMP SOUTH OF DORM. BLDG. IN FLAG POLE BASE 8" SOUTH OF FLAG POLE A SPK. & LEAD IN CONC.	

F.B. 2389 Pg. 165

Profile No. ____ Notes Red ____ Plotted ____ Job No. 9609.07 Division No. ____

Date ____ Date ____ Survey of MUNZ - MENDENHALL BOYS CAMP S.S.

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by PIERCE Notes J.C.P. Date 6-23-65

Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date NOV 28 1972

J.N. 9609.07

MUNZ - MENDENHALL BOYS CAMP S.S.

GRADE STAKES

FOR 6" V.C.P. SEWER LINE

FROM: STA. 9+09.20

TO: DIVERSION BOX AT STA 14+32.7

SET STK & T @ 25' STATIONS 6.00 OFF-SET RIGHT UNLESS OTHERWISE NOTED

TWO COPIES OF GRADE SHEETS GIVEN TO INSPECTOR IN FIELD J.C.P.

PIERCE
VAN NESS
ALBRIGHT
TALBOT

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

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

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76-L298 CE 307 3-61

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F.B. 2389 Pg. 106 Job No. 1609.07 Division No. Notes Red Plotted Profile
Survey of MUNZ - MENDENHALL BOYS CAMP S.S. Date No. X-Sec.
Survey by PIERCE Notes J.C.P. Notes Chkd. Checked
Indexed G.D. BAILEY Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.				
TBM# 2				2901 83	TBM# 2 ELEV. = 2901.827 F.B. 2389-146 AT MUNS BOYS CAMP SOUTH OF DORMITORY BLDG, IN FLAG POLE BASE 8" SOUTH OF FLAG POLE A SPK IN LEAD IN CONC.			
					INV. GRADE	%	CUT	
9+09.20 M.H.								
9+11.20				2901 75	2894.40		7.35	STK & TIN
				01 51			6.93	" " 6' W
9+28.20 C.O.				01 50	2894.58	1.17%	6.92	CHIS'D IN WALK 6' N
9+50				01 57	94.84		6.73	STK & TIN
9+76.20 C.O.				01 99	2895.14		6.85	NAIL IN VOLLEY BALL COURT
10+00				02 06	95.41		6.65	" " " " "
10+25				02 17	95.68		6.49	SPK & T
10+50				03 33	95.95		7.38	NAIL IN BASKET BALL COURT
10+76.20				03 29	2896.22		7.07	" " "
11+00				03 31	96.49		6.82	NAIL IN BASKET BALL COURT
11+25				03 29	96.76	1.08%	6.53	SPK & T
11+50				03 26	97.03		6.23	NAIL IN BASKET BALL COURT
11+76.20				03 23	2897.30		5.93	" " " "
12+00				03 26	97.57		5.69	" " " "
12+25				04 20	97.84		6.36	" " VOLLEY BALL "
12+50				04 29	98.11		6.18	" " "
				05 23			6.85	CHIS'D IN WALK 6' N
12+76.20				05 00	2898.39		6.62	STK & TIN 6' E
13+00				04 21	98.65		5.56	NAIL IN VOLLEY BALL COURT 6' R
13+25				03 54	98.92		4.62	SPK & T.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT		
13+56.20				2902 76	2899.24	3.52		SPK & T
13+75				02 38	99.49	2.89		STK & T
14+00				02 13	99.83	2.30		STK & T
14+13.29				02 07	2900.01	2.06		SPK & T
14 +32 ±					2900.29			JOIN EXISTING OUTLET
TBM #3				2904 21				T.B.M. # 3 ELEV. = 2904.215 F.B. 2389-146 AT MUNZ BOYS CAMP 30'± SW OF ADMINISTRATION BLDG. IN DRINKING FOUNTAIN BASE 1'E. & 1' N. OF SW COR. A SPK. IN LEAD IN CONC.

Profile Notes Rel. Plotted Job No. 960907 Division No.
No. X-Sec. Date Date Survey of MUNZ [illegible]
No. Notes Chkd. Date Checked Survey by [illegible] Notes [illegible] Date
Date Map No. Indexed G. D. BAILEY Date NOV 28 1972

F. B. 2389 Pg. 167

F. B. 2389 PG. 169

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

Date ____ Date ____ Survey of [illegible]

X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]

Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date NOV 28 1972

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STATION	B. S.	H. I.	F. S.	ELEV.	
					LEVELS FOR TOPOGRAPHY AT LAKE HUGHES COMMUNITY CENTER
					TM 8062.39

76-L-298 CE 307 5-66

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F.B. 23899 Pg. 170
Survey of LAKE HUGHES REHAB Division No. Job No. 66001 Notes Rec'd Plotted Profile
Survey by G.K. Notes Date 11/17/72 Checked X-Sec.
Indexed G.D. BAILEY Date Notes Chk'd. Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	
TBM #2	5 860			290 1 827	TBM #2 ELEV. = 2901.827 (1963) LK HUGHES REHAB, SOUTH OF DOORWAY IN SINGLE BASE, A 3m. BT SPK IN LEAD, PER FB 23899-146
		2907 687			
TBM #3	4 138		2 87	[illegible]	TBM #3 ELEV: 2904.805 (1963) HAS BEEN DISTURBED. LK HUGHES REHAB, 30' SE OF ADMINISTRATION BLDG IN SIDEWALK FACING PARK, 3m BT SPK IN LEAD IN FB 23899
		2908 234			
BM MM #1	4068		6 09	2902 142	BM MM #1 ELEV= LK HUGHES REHAB, N. SIDE OF PATIENTS MESS HALL, SET 3m BT SPK IN LEAD IN CONC. CURB @ E END OF LOADING DOCK.
		2906 210			
BM MM #2	5991		5 835	2900 375	BM MM #2 ELEV= LK HUGHES REHAB, N. SIDE OF BARRACKS, SET A BM BT SPK IN LEAD IN CONC STEP (E SIDE)
		2906 366			
TP	8 152		2 699	2903 667	
		29 11 819			
TP	10 610		1 506	2910 313	
		2920 923			
TP	7 460		1 431	2919 492	
		2926 952			
BM MM #3	0 963		0 878	2926 074	SET BM MM #3 ELEV= AT ENTRANCE TO LK HUGHES REHAB, SET A 3m BT SPK IN TOP OF ROCK & CONC BLOCK WALL (WEST SIDE) 3'N OF S. END
		29 27 017			
BM MM #4	1718		1 099	2925 918	SET BM MM #4. ELEV= AT ENTRANCE TO LK HUGHES REHAB, SET A 3m BT SPK IN TOP OF ROCK & CONC BLOCK WALL (EAST SIDE) 3' N OF S. END
		29 27 636			
TP	0 763		7 997	29 19 639	
		2920 402			
TP			7 651	2912 751	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP	2 641			2912 751		
		29 15 392				
TP	2 542		6 783	2908 609		
		2911 151				
TP	7430		6 375	2904 776		
		2912 206				
TP	11 963		0 513	2911 693		
		2923 656				
TP	10 323		0 976	2922 680		
		2933 003				
TP	9 023		0 618	29 32 385		
		2941 408				
TP	8 018		1 792	2939 616		
		2947 634				
BM 1/4 COR			2 423	2945 211	BM 1/4 COR	ELEV = 2945.205 (1957)
					Fd. Co. Sur. Brass cap	mon. 1/4 Cor 32+3.
					T.7.N. R.15.W. PER	FB 1852-179 & 169.

Profile Notes Red ____ Plotted ____ Job No. 60.09 Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date NOV 28 1972

F. B. 2389 Pg. 171

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

Survey of Fire Suppression Camp #7
JN 7597.03 Tape 231 Std 84 °F
Surveyed by K J Vogel
Notes Vogel Date 5/21/73
Indexed T. M. PALMER JUN 20 1973

F. B. 2389 PG. 173

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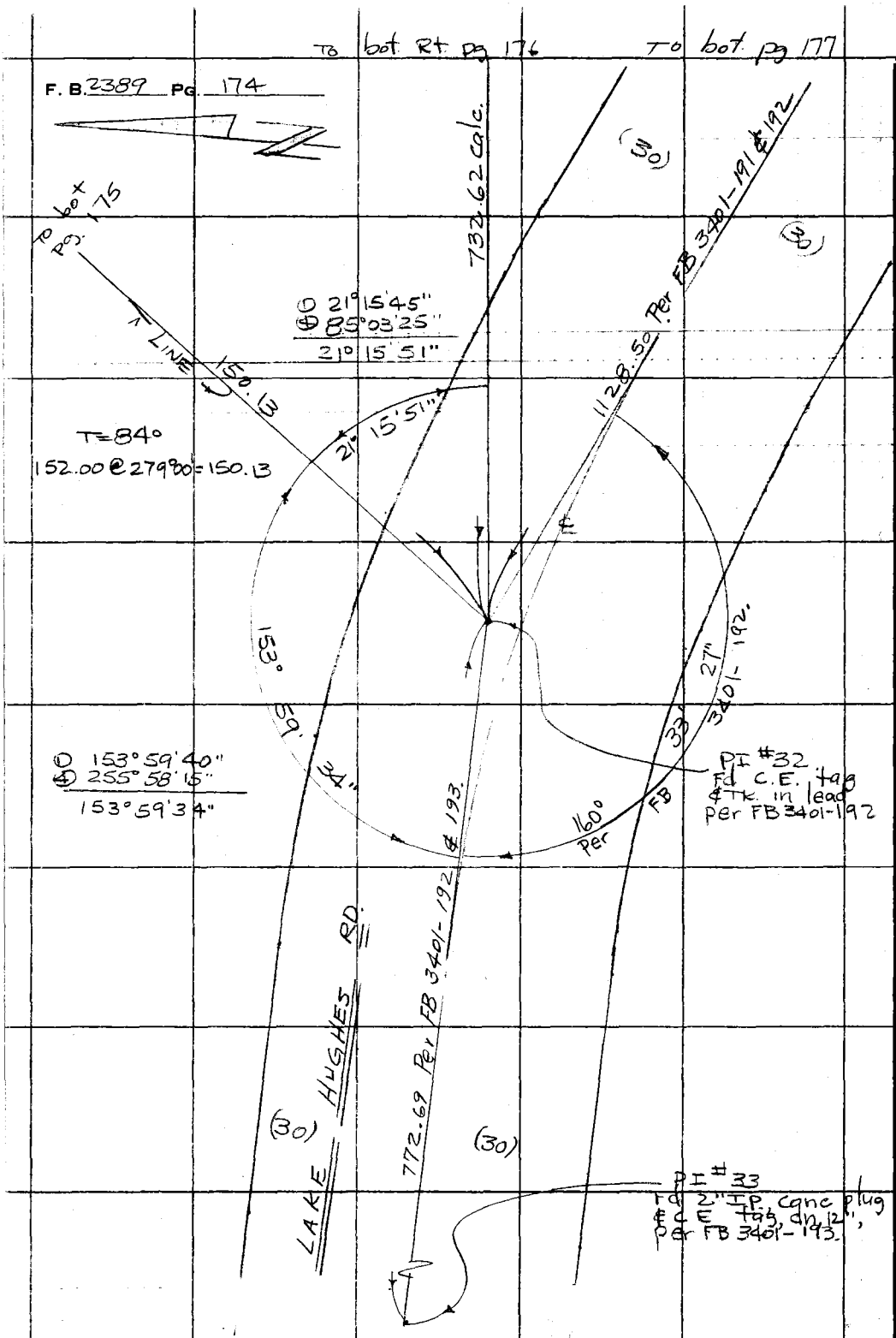
CONTROL FOR TOPOGRAPHY FOR FIRE SUPRESSION CAMP #7

J.N. 7597.03

REFERENCES USED: FB 2389
FB 3401

PARTY:
VOGE
ALBRIGHT
HILL
SIDWELL

76F309S CE#310 3-69



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

Survey of Fire Sup. Camp #7
JN 7597.03 Tape 231 Std 84 °F
Surveyed by W. S. Vogel
Notes Vogel Date 5/2/73
Index T. M. PALMER JUN 20 1973

F. B. 2389 Pg. 175

To Sta. Left Pg. 176

T=84°
169.46 @ LEV.= 169.46

T=84°
277.01 @ 97°11' = 274.84

169.46
274.84
444.30

444.30

148° 25' 11"

Ⓑ 148° 25' 00"
Ⓐ 233° 40' 45"
148° 25' 11"

Point B
Set 1"x2" & Nail

T=84°
281.26 @ 279°01' = 277.78

277.78

Point A
Set 1"x2"
& Nail

176° 30' 25"

Ⓑ 176° 30' 30"
Ⓐ 346° 02' 20"
176° 30' 25"

℄ LINE
150.8

To Top Left
Pg. 174

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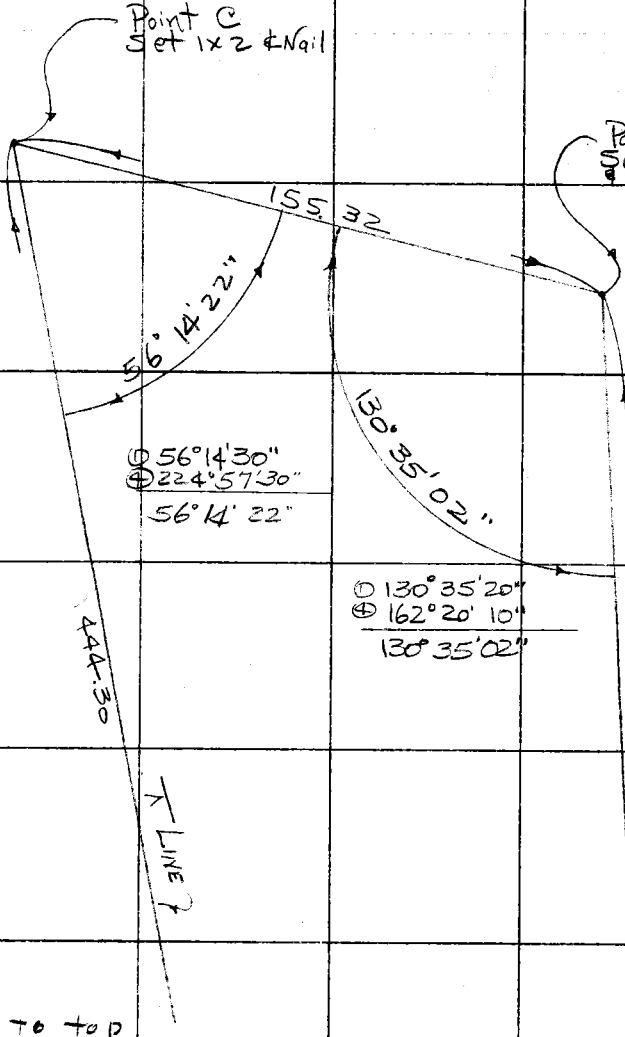
76F309S CE#310 3-68

F. B. 2389 PG. 176

T=94°

156.26 @ 263°43' = 155.32



℄ 56°14'30"
℄ 224°57'30"
56°14' 22"

℄ 130°35'20"
℄ 162°20' 10"
130°35'02"

To top
Pg. 175

To top
Pg. 174

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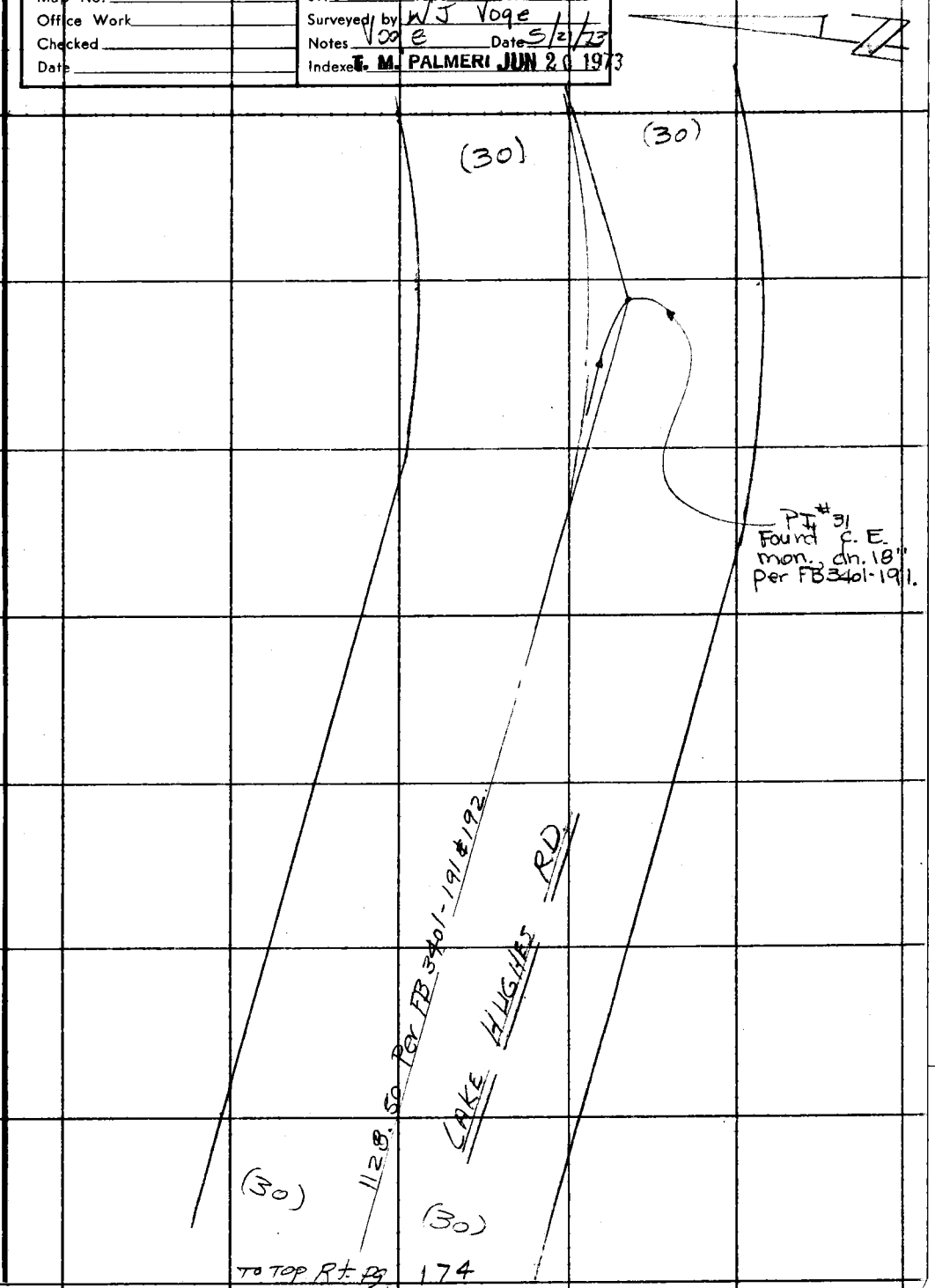
Notes Ck'd by	Survey of Fire Sup. Comp #7
Map No.	JN 7597.03 Tape 231 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 5/21/73
Date	Indexed T. M. PALMERI JUN 20 1973

F. B. 2389 PG. 177



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76F309S CE#310 3-69

F. B. 2389 Pg. 178

TRIGONOMETRIC LEVELS

⊼ @	H.I.	SIGHT ON	VERTICAL ∡	HORIZ. DIST.	- ROD	VERTICAL DIFF.	MEAN	ELEVATION
PI #32	5.75	PT #A	+9°32'20"	150.13	5.75	+25.23	From PI #32 To PT A	PI 32 = 2949.70
PT #A	5.14	PI #32	-9°32'15"	150.13	5.14	-25.22	+25.22	PTA = 2974.92
PT #A	5.14	PT #B	+9°05'15"	277.78	5.14	+44.43	From PT A To PT B	
PT #B	5.10	PT #A	-9°05'30"	277.78	5.10	-44.45	+44.44	PTB = 3019.36
PT #B	5.10	PT #C	+4°20'50"	444.30	5.10	+33.78	From PT B To PT C	
PT #C	4.94	PT #B	-4°21'25"	444.30	4.94	-33.85	+ 33.82	PTC = 3053.18
PT #C	4.94	PT #D	-6°06'10"	155.32	4.94	-16.61	From PT C To PT D	
PT #D	5.05	PT #C	+6°06'10"	155.32	5.05	+16.61	- 16.61	PT D = 3036.57
PT #D	5.05	PI #32	-6°50'05"	732.62	4.20	-86.96	From PT D To PI 32	
PI #32	5.75	PT #D	+6°35'10"	732.62	3.53	+86.81	- 86.89	PI 32 = 2949.68 CHECK IN.

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F. B. 2389 PG. 179

Profile No. ____ Notes Red ____ Plotted ____ Job No. 7597.03 Division No. ____
Date ____ Date ____ Survey of Fire Sup. Camp #7
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by log Notes log Date 5-4-73
Date ____ Date ____ Map No. ____ Indexed T. M. PALMERI Date JUN 20 1973

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CONTROL FOR TOPOGRAPHY
FOR FIRE SUPRESSION CAMP #7
J.N. 7597.03

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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F. B. 2389 PG. 180
Job No. 7597.03 Division No. Notes Req'd Plotted Profile
Survey of Fire Sup Camp #7 Date 5/21/73 Date No.
Survey by 1098 Notes 109 e Notes Ch'k'd. Checked X-Sec.
Indexed T. M. PALMERI Date JUN 20 1973 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM M.M.#3	4.794	2930.964		2926.074	BM MM#3 Elev = 2926.074	FB 2389-170
			4.944			
BM MM#4				2925.920	BM MM#4	
BM MM#4	9.448	2935.366		2925.918	BM MM#4 Elev = 2925.918	FB 2389-170
			1.342			
TP	4.983	2946.007		2934.024		
			1.463			
TP	7.958	2952.502		2944.544		
			2.798			
PI#32	9.410	2959.114		2949.704	Fd. C.E. tag & TK in lead per FB 3401-	
			1.430			
BM MM#5	3.532	2961.216		2957.684	BM MM#5	Elev. = 2957.684
			3.178		Lake Hughes Rd, 1000'± E. of entrance to Lake Hughes Rehab, Set a 6d spk. in So. side of guy pole, No. side of road.	
BM MM#6				2958.038	Description on Next Page	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP	1 238	2951 077		2949 789		
			9 010			
TP	2 175	294.4 242		2942 067		
			10 125			
TP	0 292	2934 409		2934 117		
			8 451			
BM MM#4				2925 958	BM # MM4	Elev = 2925.918 FB 2389-170

F. B. 2389 PG. 182

Job No. 7597.03 Division No. Notes Red Plotted Profile
Survey of Fire Sup Camp Date 5/21/73 Date No.
Survey by Voge Notes Voge Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date JUN 20 1973 Date Date No.

76-L-298 CE 307 5-66

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Profile Notes Red ____ Plotted ____ Job No. 7597.03 Division No. ____
No. ____ Date ____ Date ____ Survey of Fire Sup Camp #7
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Vope Notes Vope Date 5/23/73
No. ____ Date ____ Date ____ Map No. ____ Index M. PALMER Date JUN 20 1973

STATION	B. S.	H. I.	F. S.	ELEV.		
BM MM #6	6 731	2964.769		2958.038	BM MM#6	ELEV. 2958.038
			2781		Lake Hughes Rd, 1000'± E of Lake Hughes Camp entrance, Set a bt. spk in N. side of PP# 1190717E, S. side of road	
3+37.57	7 070	2969.058		2961.988	3+37.57 = Set Sq. Spk #T on ℄	EL= 2961.988
			1 718			
BM MM #7	5220	2972.560		2967.340	Bm MM#7	Elev= 2967.340
			3708		Lake Hughes Rd 1000'± E of Lake Hughes Resort entrance, Set a bt. spk in N. side of P.P. #1190716E, South side of road	
BM MM #8	5565	2974.417		2968.852	BM MM#8	Elev.= 2968.852
			3 580		Lake Hughes Rd. 1500'± E of Lake Hughes Resort entrance, No. side of road, set a sm bt spk. in lead in top of conc block retaining wall, 8' W. of E. end.	
7+67.25	2 772	2973.309		2970.537		
			7789		7+67.25 = Set Sq spk #T on ℄	EL= 2970.537
4+88.03	1755	2967.275		2965.520	4+88.03 = Set Sq spk #T on ℄	EL= 2965.520
			1 999			
1+87.14	1 380	2957.657		2956.277	1+87.14 = Set Sq spk #T on ℄.	EL= 2956.277
			7 968			
TP				2949.689		

F. B. 2389 PG. 181