Survey of _____ F. B. 34 [illegible]
Tape _____ Std _____
Office Work _____ Surveyed by _____
Checked _____ Notes _____ Date _____
Date _____ Indexed _____

Page	Job	Description
		SECTION LINES 0302.01 T.5N.,R.16W. & 17W.
[illegible]26	Ties	Ties in Sec's. 1,2,11,12,13 & 24 in T5N.,R17W.
[illegible]34	Ties	Sec. line tie to 1/4 Sec. cor. & [illegible] & E. line of Sec. 18 T5N.,R16W.
[illegible]40	Ties	Sec. line tie to North line Sec. [illegible] T5N.,R16W.
[illegible]	Ties	Survey portion of Sec. 34 [illegible] Sec 31 T6N.,R16W.
	Ties	West line Sec. 13 T5N. [illegible]
	Ties	East 1/2 of South line of [illegible] T5N.,R17W.
	Ties	West line Sec. 12 T5N.,R17W.
	Ties	West 1/2 of North line of Sec. [illegible] T5N.,R17W.
[illegible]7	Ties	East line Sec. 34 T6N.,R17W. [illegible] ing of East 1/4 cor.)
[illegible]06	Ties	East line Sec. 19 T5N.,R16W.
[illegible]16	Ties	Topo. loc. along Sec. line betw. Sec's. 1 & 2 T5N.,R15W.

microfilmed Jan 85

Notes Ck'd by	Survey of SECTION LINE
Map No.	JN 0302.01 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date 1968 Th 1970
Date	Indexed

F. B. [illegible] PG. 2

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red

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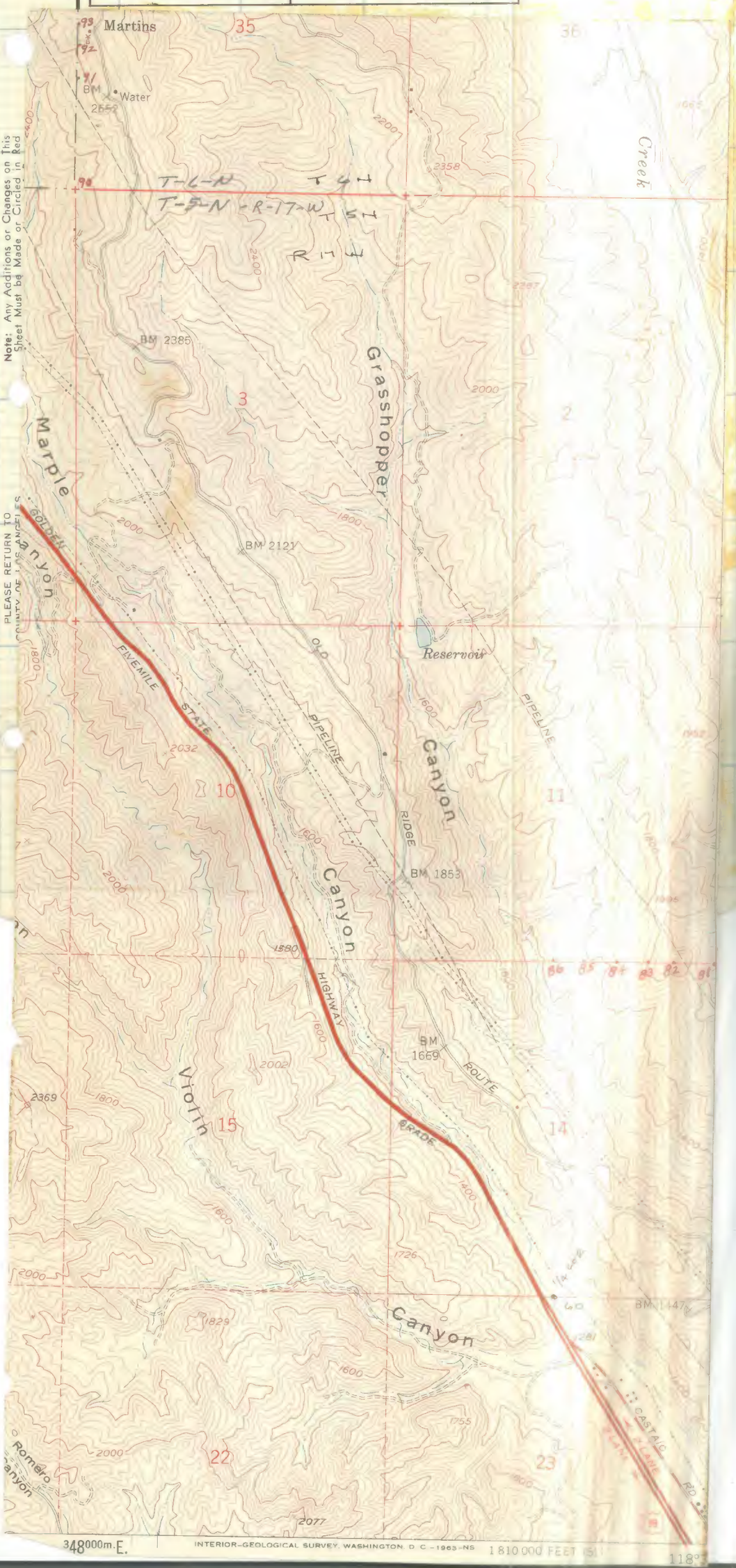
76F309S CE#310 3-69



348000m.E.

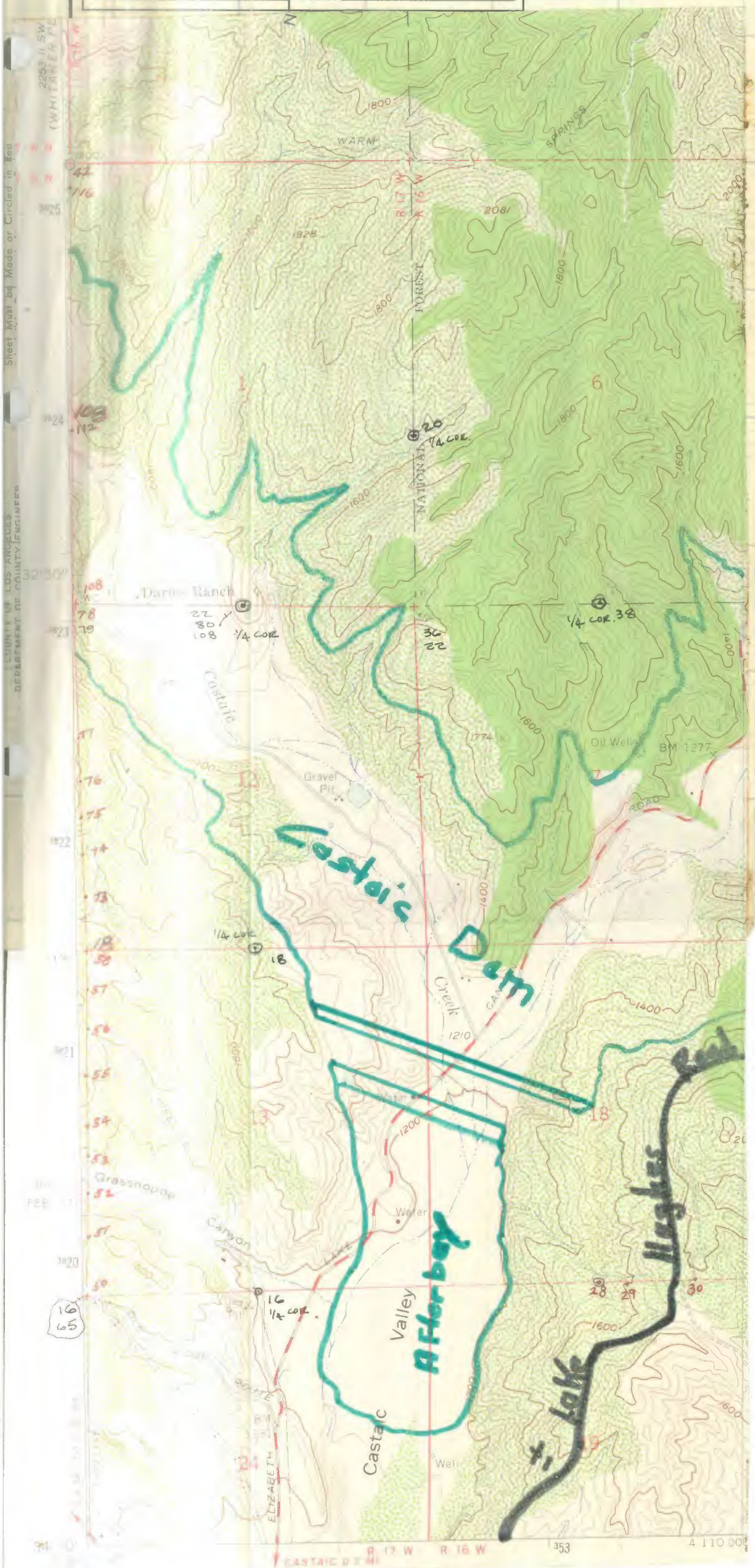
INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.-1963-NS

1 810 000 FEET (5)

118°

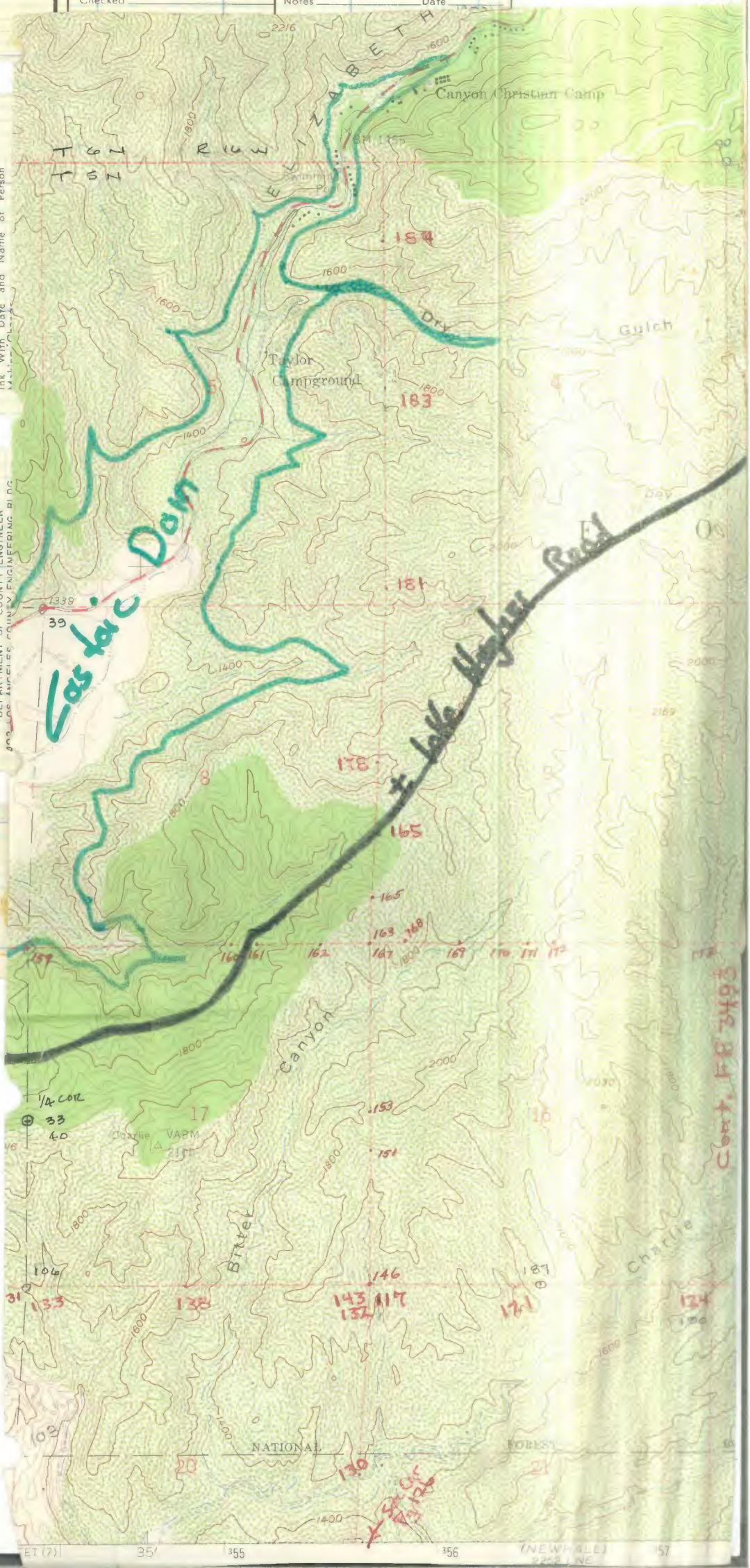
Notes Ck'd by	Survey of SECTION LINE
Map No.	JN0302.01 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date 1968 72 1970
Date	Indexed

F. B 3454 PG. 9



Notes Ck'd by	Survey of SECTION LINE
Map No.	JN0302.01 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date 1963

F. B. [illegible] PG. 10



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DEPARTMENT OF COUNTY ENGINEER
[illegible] LOS ANGELES COUNTY ENGINEERING BLDG

76F309S CE#310 3-69

SECTION LINE

Notes Ck'd by:	Survey of SEC 2 T5N R14W	F.B. 3454 Pg. 11
Map No.		
Office Work	Surveyed by J.P. MAUDE	
Checked	Notes	
Date	Indexed T. M. PALMER AUG 23	

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Do not extend this side of this line.

WS17-3

T-72"-0.01

160.21 @ 10°-40' = 157.44

160.48 @ 11°-12' = 157.42

T-191-0.02

233.80 @ 8°-25 = 231.28

233.66 @ 8°-11 = 231.28

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75P3065 CK #310 8-68

TO BOTTOM OF PG. 13

F.B. 3454 PG. 12

T = 60° = -0.01'
57.69 @ 13°-43' = 56.04'
57.85 @ 14°-18' = 56.06'

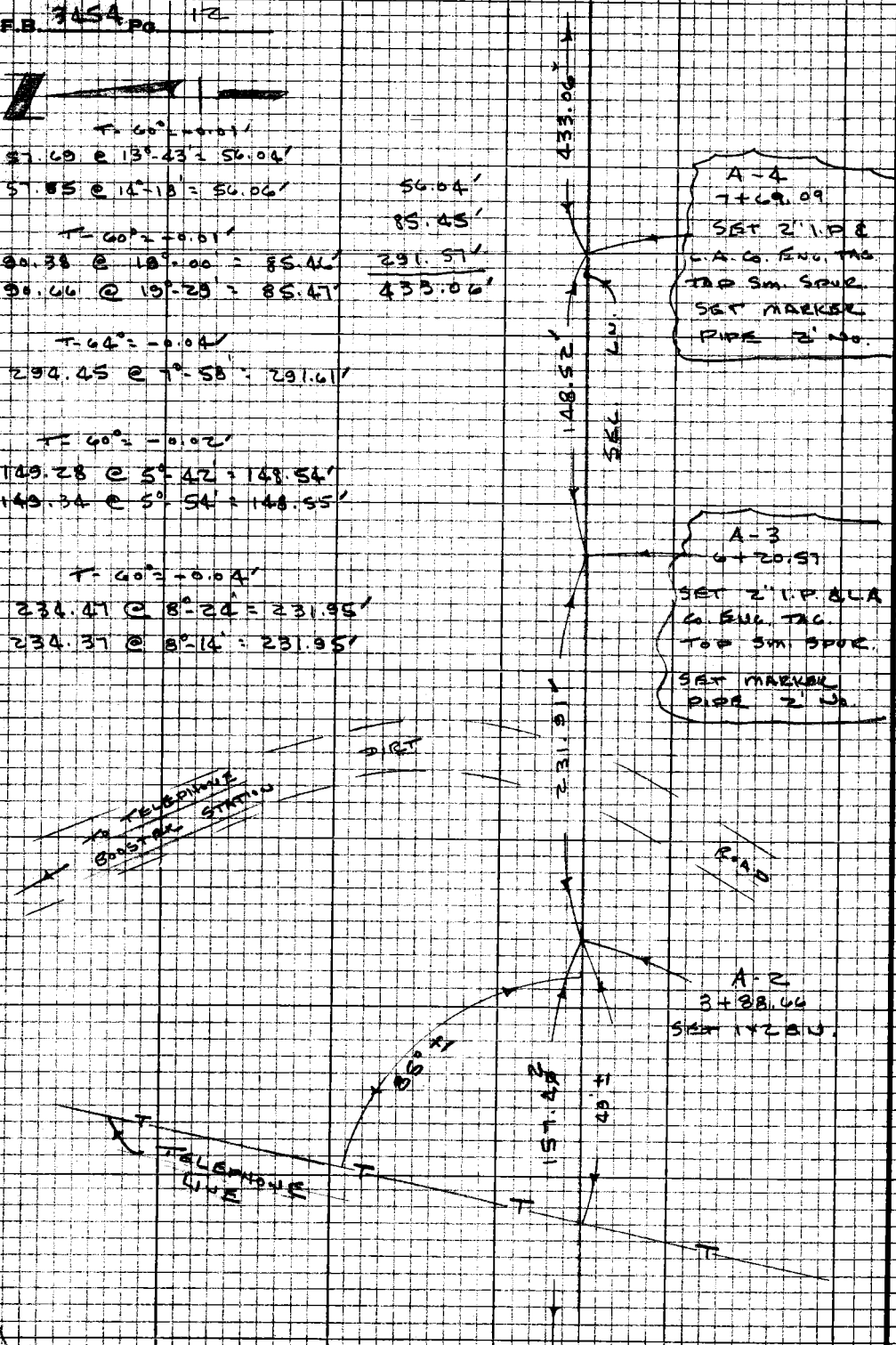
T = 60° = -0.01'
90.38 @ 18°-00' = 85.46'
90.66 @ 19°-29' = 85.47'

T = 64° = -0.04'
294.45 @ 7°-58' = 291.61'

T = 60° = -0.02'
149.28 @ 5°-42' = 148.54'
149.34 @ 5°-54' = 148.55'

T = 60° = -0.04'
234.47 @ 8°-24' = 231.95'
234.37 @ 8°-14' = 231.95'

56.04'
85.45'
291.57'
433.06'



TO TOP OF PG. 11

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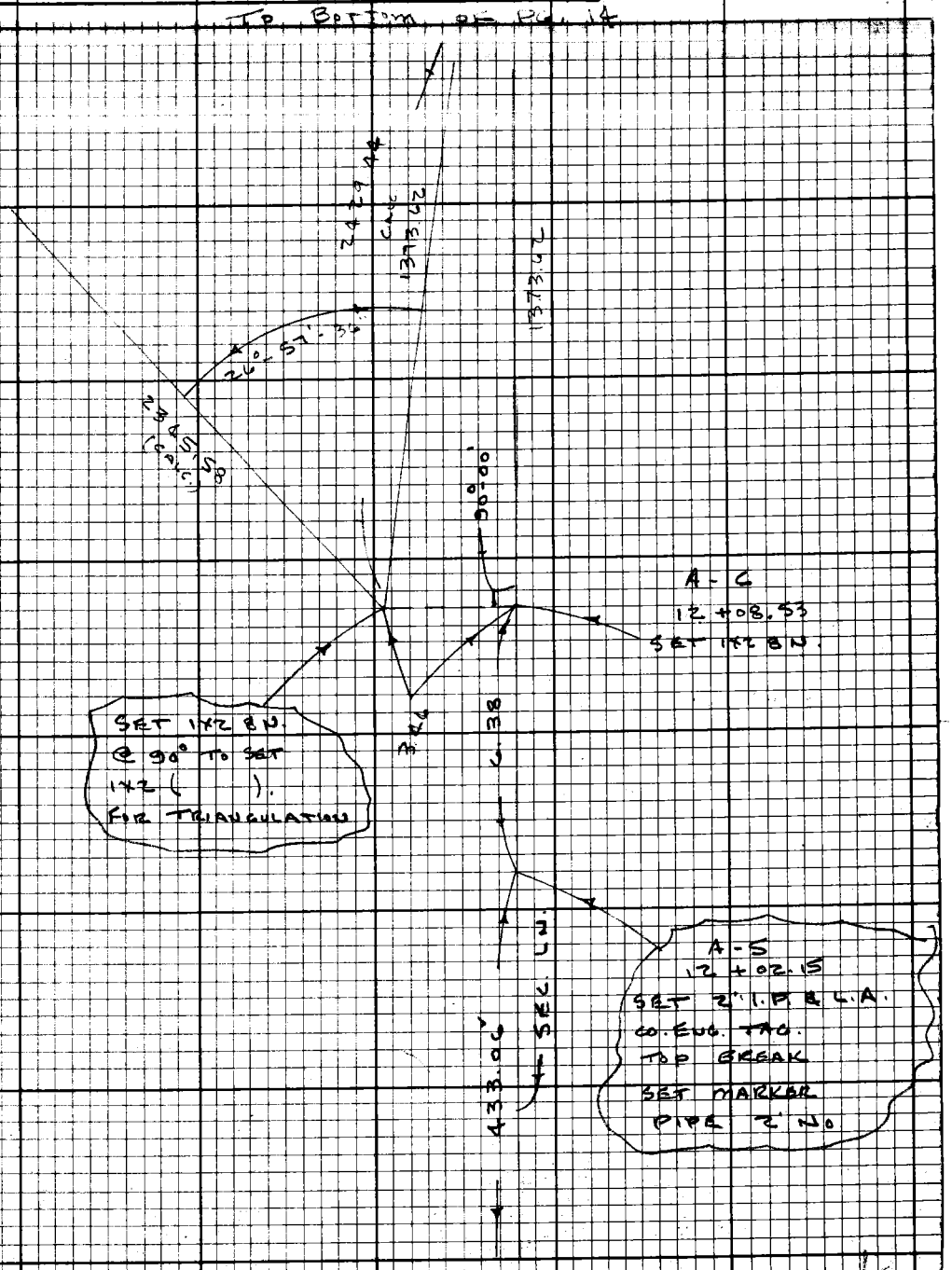
SECTION LINE

Notes Ck'd by C R Goss	Survey of SEC. 2 T 5N R17W
Map No.	JN 9302-44 Tape 173 Std 82°F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.R.M. Date 4-7-70
Date	Indexed T. M. PALMERI Mr. 23

F.B. 3454 Pg. 13



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76F3098 CE#310 9-67

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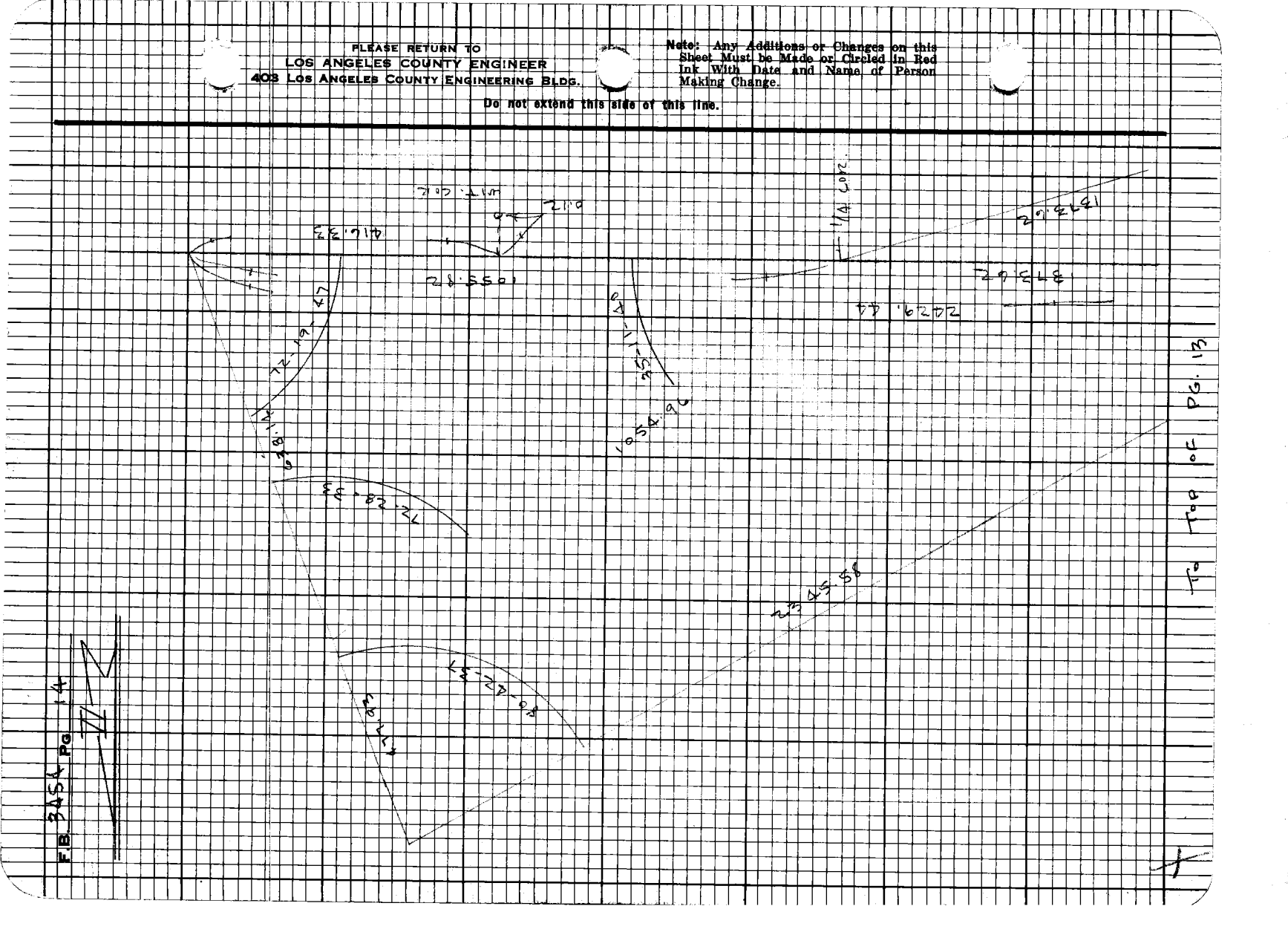

SEC 13, T5N, R17W

Notes Ck'd by C R GOSS	Survey of SECTION LINE	F.B. 3154 Pg. 15
Map No.	[illegible]	
Office Work	Surveyed by J P MENNE	
Checked	Notes B JACKSON Date 5/68	
Date	Indexed T. M. PALMERI AUG 23 '71	

SECTION LINE TIE
1/4 CORNER
BETWEEN SECTIONS
13 & 24, T5N, R17W.
LOCATED IN CASTAIC
BRICK YARD

WEST HALF OF THE SOUTH
LINE SEC. 13.

COUNTY SURVEYOR
T5N
SEC 13
SEC 24
R17W
MONUMENT

REF
CSB 1226

PARTY
J P MENNE
B R JACKSON
R J RODRIGUEZ
T. OHASHI

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SEC. 13 T5N R17W

Notes Ck'd by C R GOSS	Survey of SECTION LINE	F.B. 3154 Pg. 14
Map No.	[illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 5-14-68	
Date	Indexed T. M. PALMERI MG 23	

SECTION LINE TIE

1/4 CORNER

BETWEEN SECTIONS

12 & 13 T5N R17W

WEST HALF OF THE NORTH

LINE OF SEC. 13

COUNTY SURVEYOR
T5N
SEC. 12
SEC. 13
1/4 COR.
MONUMENT

REF

C.S.B. 1226

J.P. MENNE

B. JACKSON

R.J. RODRIGUEZ

T. OHASHI

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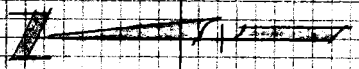
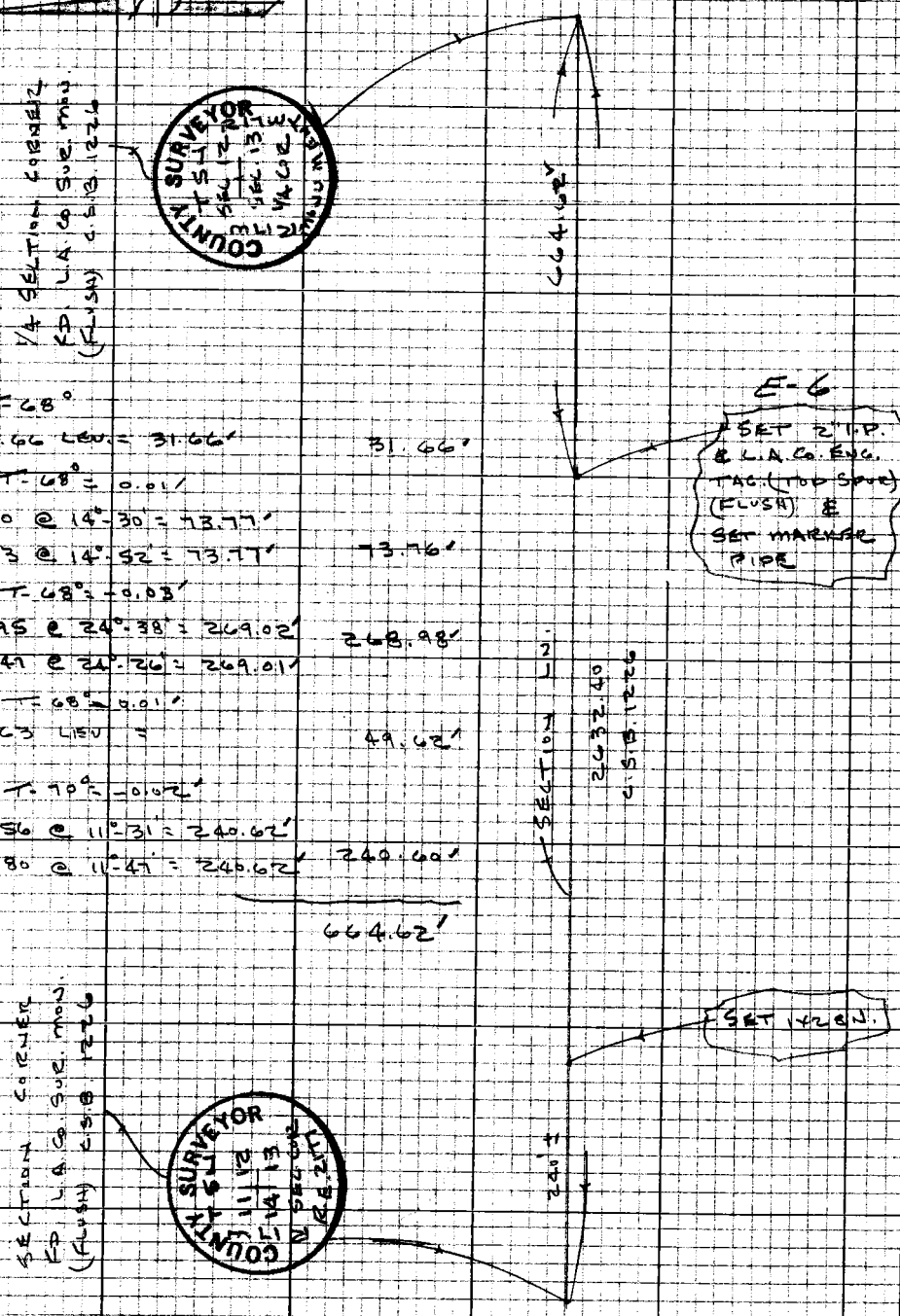
76P3098 CE #310 5-66

F.B. 3454 Pg. 18





T-68°

31.66 LEV. = 31.66' 31.66'

T-68° = 0.01'

76.20 @ 14°-30' = 73.77'

76.33 @ 14°-52' = 73.77' 73.76'

T-68° = -0.03'

295.95 @ 24°-38' = 269.02' 268.98'

295.47 @ 24°-26' = 269.01'

T-68° = 0.01'

49.63 LEV = 49.62'

T-70° = -0.02'

245.56 @ 11°-31' = 240.62'

245.80 @ 11°-47' = 240.62' 240.60'

664.62'

WS 77, A-4

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SEC. 1 T5N R17W

Notes Ck'd by C P GROSS	Survey of SECTION LINE	F.B. 3454 Pg. 19
Map No.	Rec 0302.01 Tape 109 Std 84 °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 5-17-68	
Date	Indexed T. M. PALMERI AUG 23 '71	

SECTION LINE TTE

TO

SECTION CORNER

COUNTY SURVEYOR
T5N
R17W
1 6
12 7
SEC COR
RE 2177

SEC. 1 T5N R17W

REF
C.S.B. 1226
F.B. 512

J.P. MENNE
B. JACKSON
R.J. RODRIGUEZ
T. OHASNI

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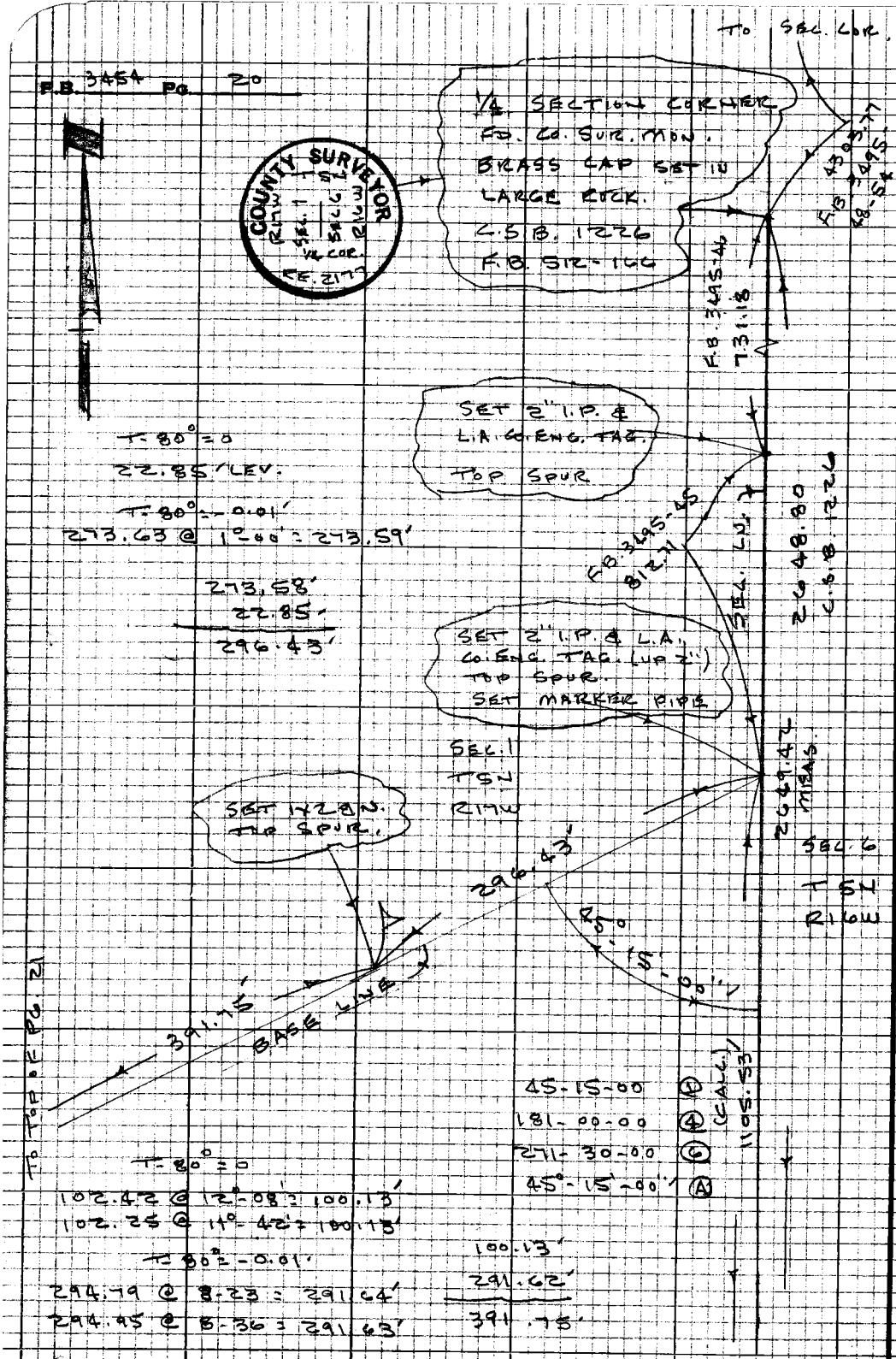
76P3093 CK #310 5-66

F.B. 3454 PG. 20



T-80° = 0

22.85' LEV.

T-80° = -0.01'

273.63 @ 1°-00' = 273.59'

273.58'
22.85'
296.43'

T-80° = 0

102.42 @ 12°-08' = 100.13'

102.25 @ 11°-42' = 100.13'

T-80° = -0.01'

294.79 @ 8-23 = 291.64'

294.95 @ 8-36 = 291.63'

100.13'
291.62'
391.75'

TO TOP OF PG. 22

W.S. 77 A-4

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SEC. 1 T5N R17W

Notes Ck'd by C.R. Gross	Survey of SECTION LINE	F.B. 3154 Pg. 21
Map No.	[illegible] Tape 109 Std 54 °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 5-17-68	
Date	Indexed T. M. PALMERI AUG 23 '7	

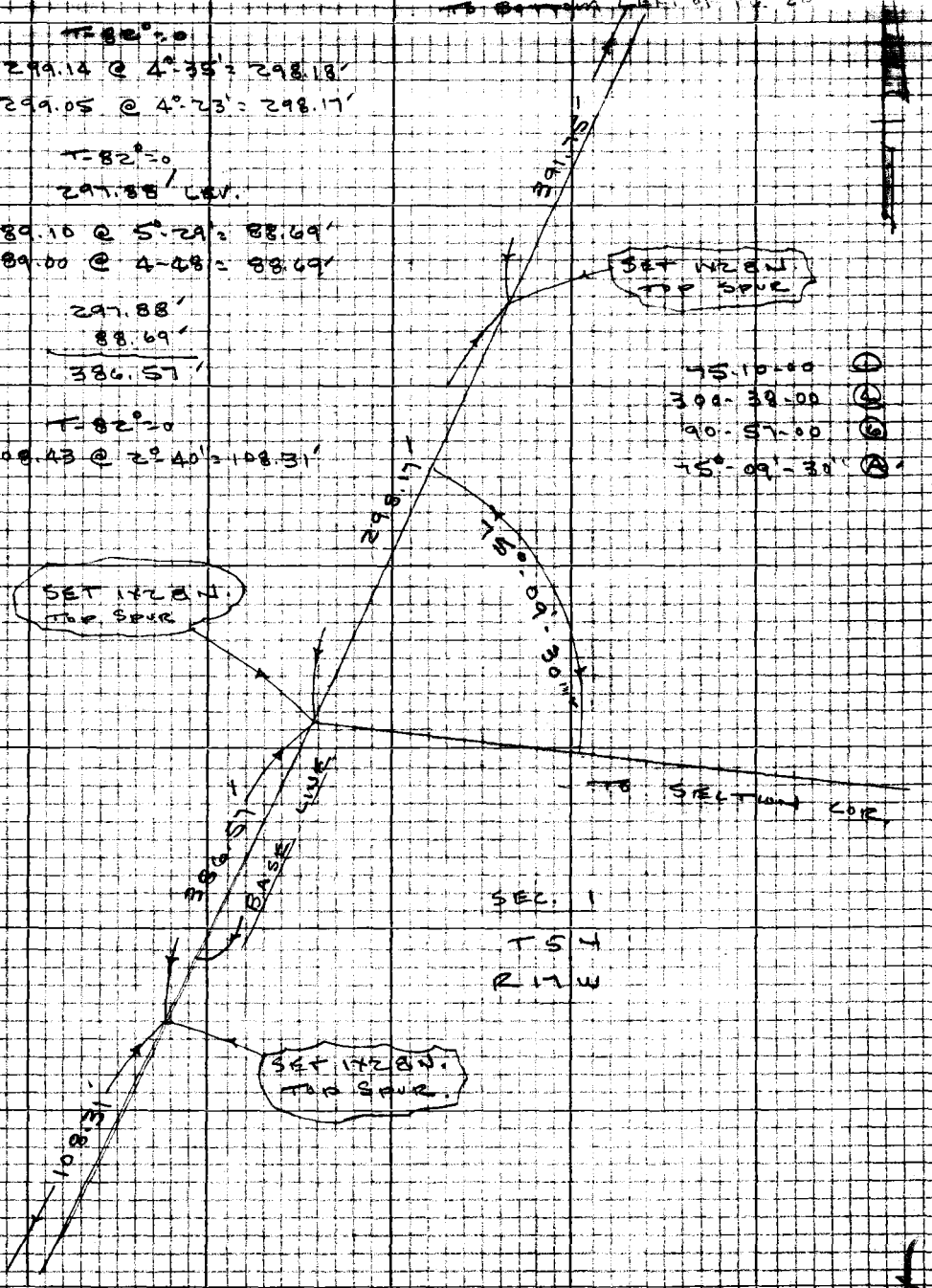
TO BOTTOM LEFT OF PG. 20

T-82°=0
299.14 @ 4°-35' = 298.18'
299.05 @ 4°-23' = 298.17'

T-82°=0
297.88' LEV.
89.10 @ 5°-29' = 88.69'
89.00 @ 4-48 = 88.69'

297.88'
88.69'
386.57'

T-82°=0
108.43 @ 2°-40' = 108.31'



75.10-00 ①
300-38-00 ④
90-57-00 ⑥
75°-09'-30" Ⓐ

TO TOP OF PG. 22

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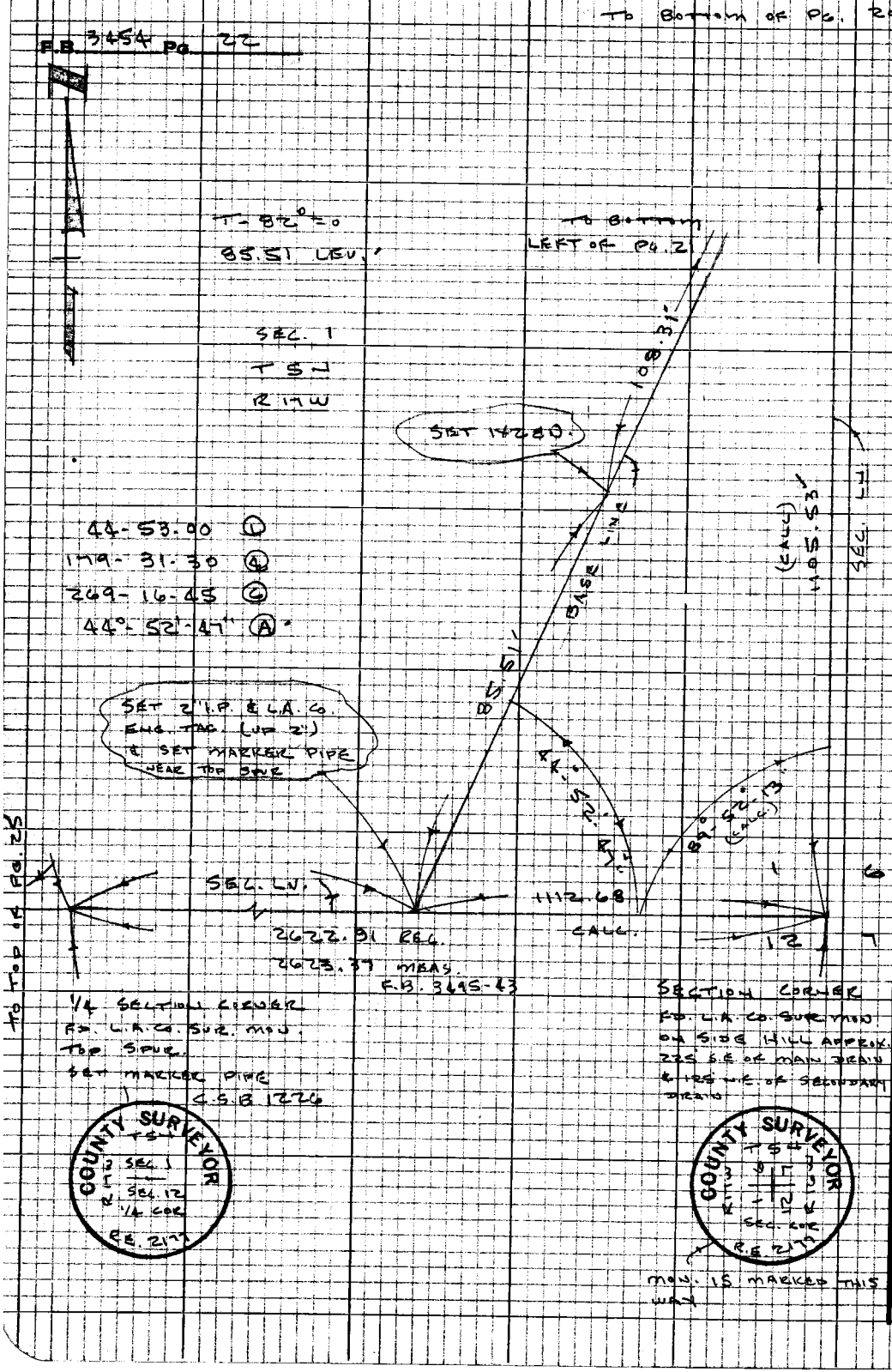
76P3095 CK #310 5-66



W.S. 77, A-4

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SEC. 11 T 5N R17W

Notes Ck'd by CR GOSS	Survey of SECTION LINE	F.B. 3454 Pg. 23
Map No.	[illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 5-23-68	
Date	Indexed T. M. PALMERI Aug. 23 '71	

SECTION LINE TIE

TO

WITNESS CORNER

TO

SECTION CORNER

COUNTY SURVEYOR
T 5N
R 17W
2 1
11 12
W.C. SEC. COR.
R.E. 2177

SEC. 11 T 5N R17W

REF

C.S.B. 1226

J.P. MENNE
B. JACKSON
R.J. RODRIGUEZ
T. OHASHI

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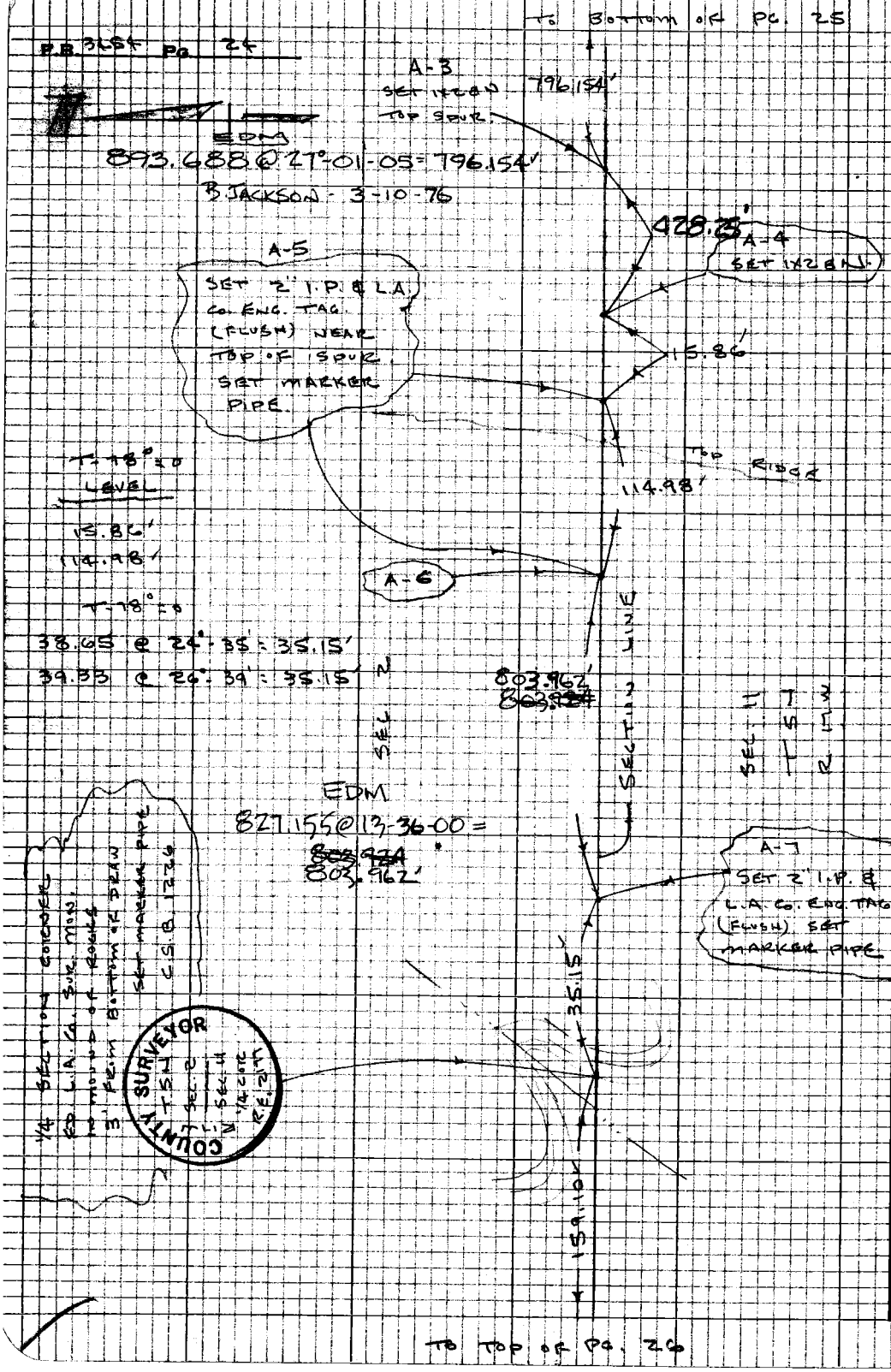
76P3098 CE #310 5-66



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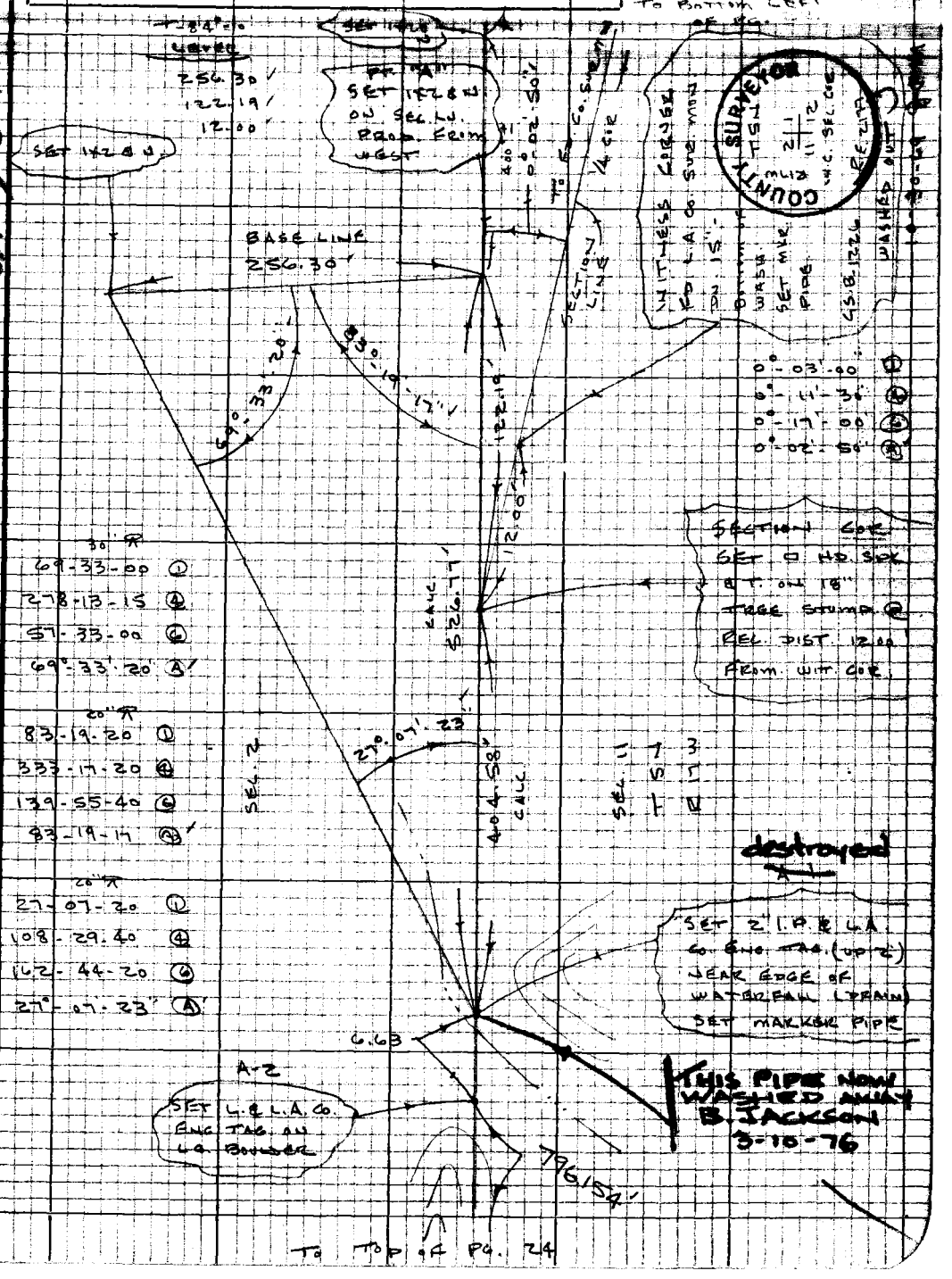
SEC. 11 T5N R17W

Notes Ck'd by CRGOSS	Survey of SECTION LINE	F.B. 3454 Pg. 25
Map No.		
Office Work	Surveyed by J.P. MENNE	
Checked	Notes JPM Date	
Date	Indexed T. M. PALMERI AUG 23	

TO BOTTOM LEFT OF PG.



TO TOP OF PG. 24

W.S. 17, C-2

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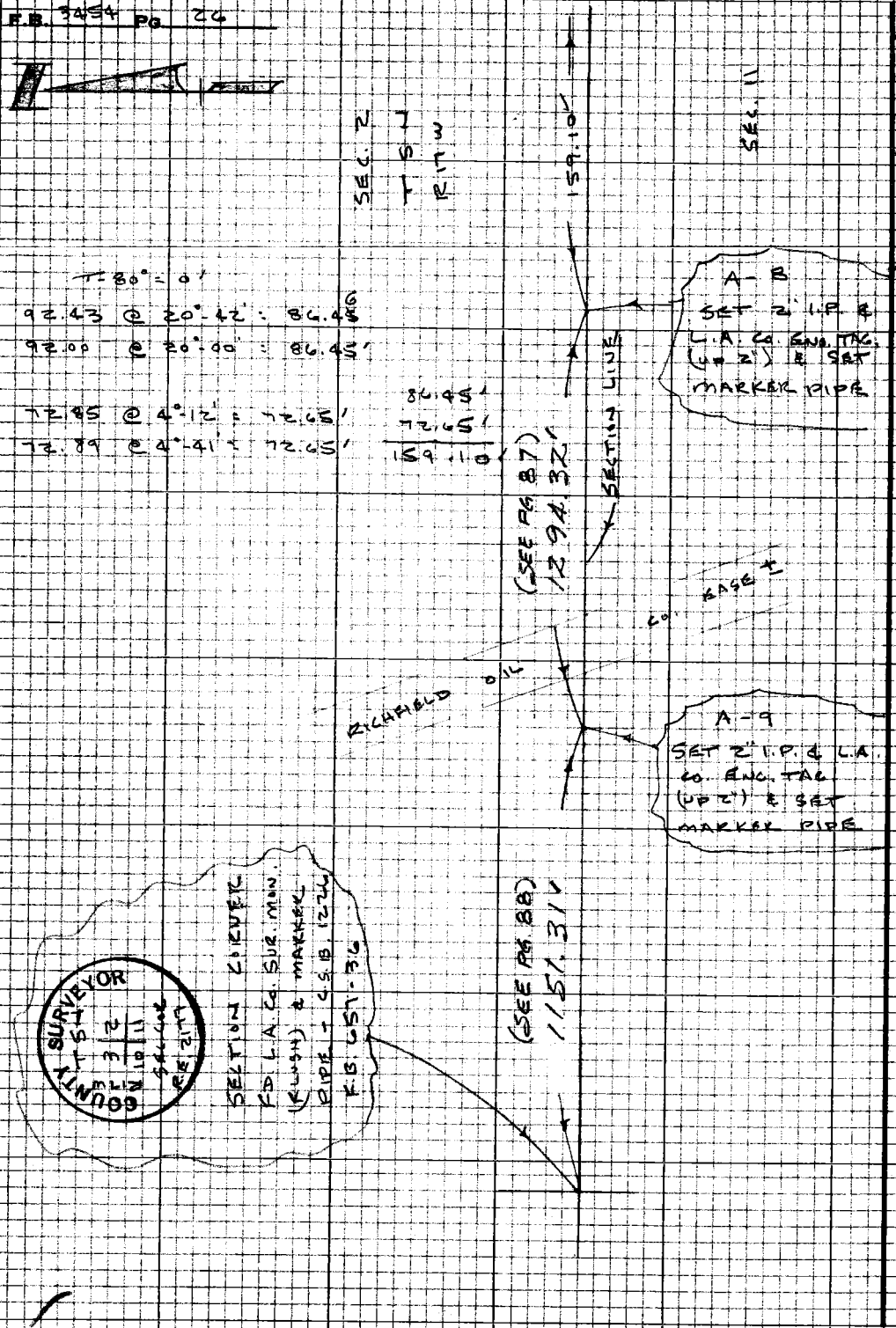
76P309S CE #310 5-66

To Bottom of Pg 24

F.B. 3454 Pg 26



W.S. 17 C-4

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SEC. 18 T5N R16W

Notes Ck'd by CRGOSS	Survey of SECTION LINE	F.B. 3154 Pg. 27
Map No.	[illegible] Zone 16B Std 34 [illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 10-[illegible]	
Date	Indexed T. M. PALMERI AUG 23 71	

SECTION LINE

TIE

TO 1/4 SECTION COR

& SOUTH & EAST LINE

OF SECTION 18

T5N R16W

J.P. MENNE

M. WACKER

T. OHASHI

D. BOXETH

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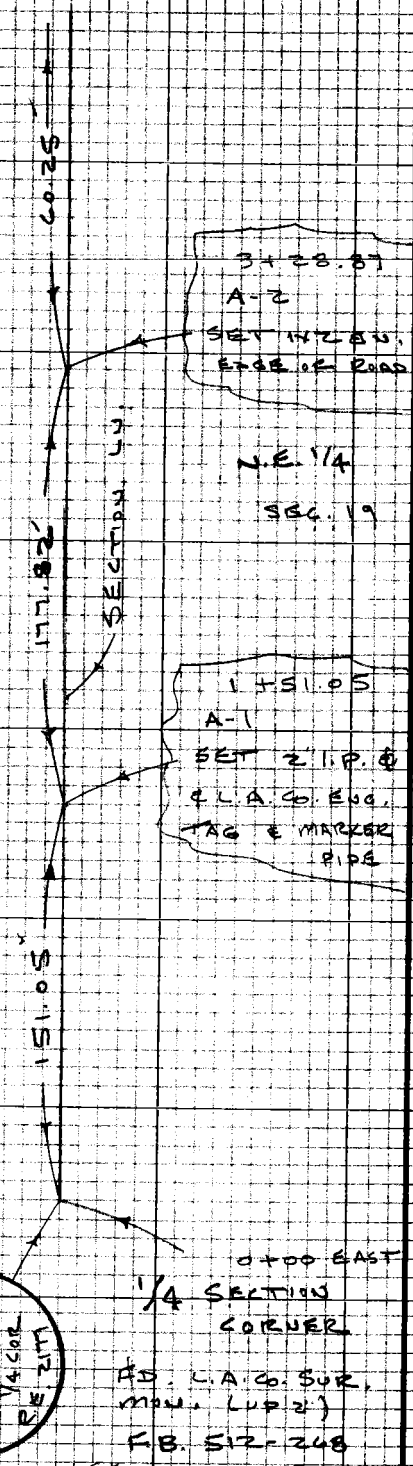
76P3095 CE #310 5-66

TO BOTTOM OF PG. 29

F.B. 3454 PG. 28

2605.35 REC.
2604.77 MEAS.



S.E. 1/4
SEC. 18
T 5 N
R 16 W

N.E. 1/4
SEC. 19

T-96° = 0
60.25 LEVEL

T = 90° = +0.01'
180.15 @ 9°-13' = 177.82'
180.26 @ 9°-27' = 177.81'

T = 90° = +0.01'
155.87 @ 14°-18' = 151.04'
155.98 @ 14°-27' = 151.04'

COUNTY SURVEYOR
T 5 N
SEC. 18
SEC. 19
1/4 COR
R.E. 2177

W377 A-5

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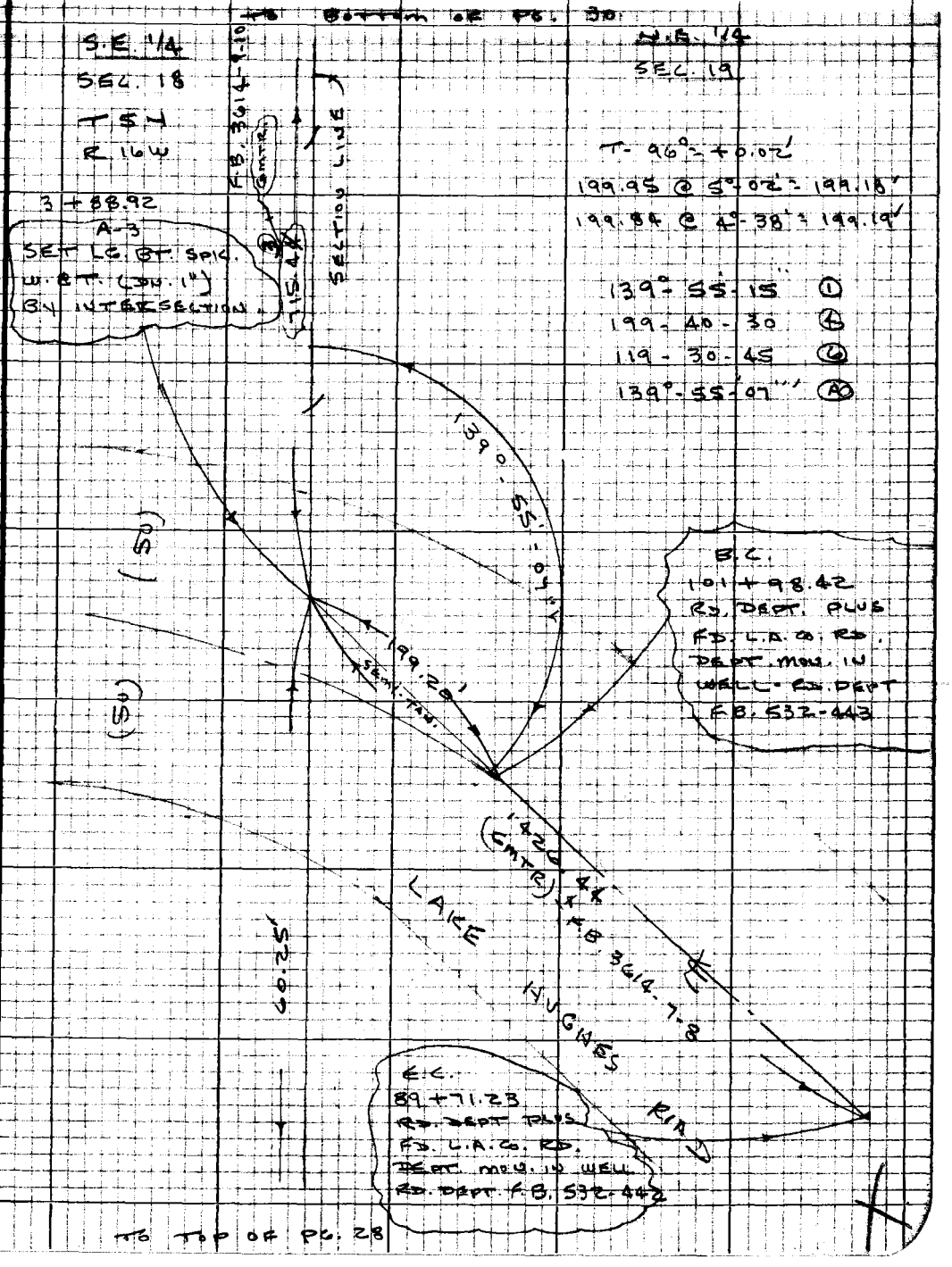
SEC. 18 T 5N R 16W

Notes Ck'd by C.R. GOSS	Survey of SECTION LINE	F.B. 3454 Pg. 29
Map No.	[illegible] 143 [illegible] 84	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J. P. M. Date 1-68	
Date	Indexed T. M. PALMERI Mg 23	

TO BOTTOM OF PG. 30



TO TOP OF PG. 28

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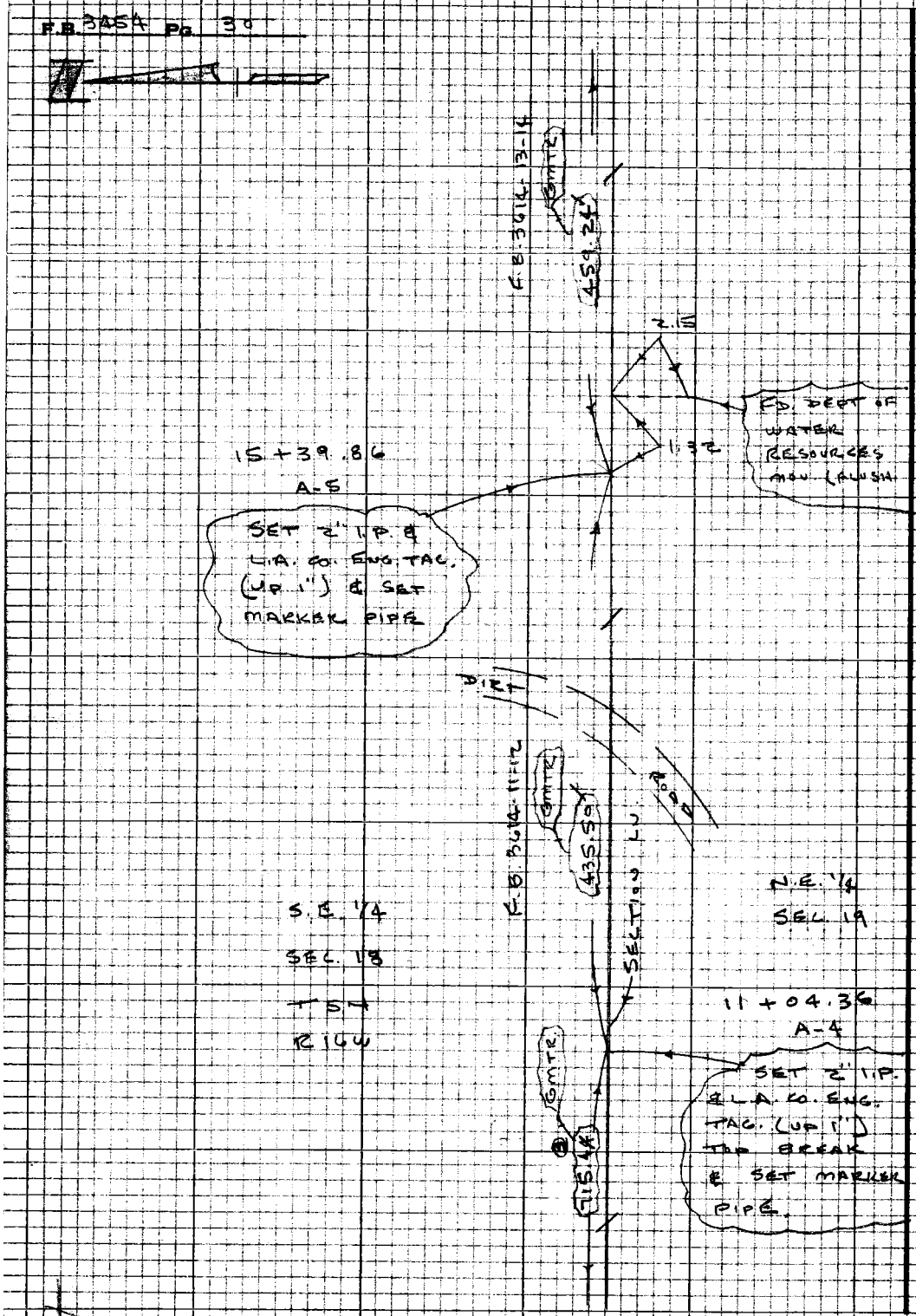
76P209S CK #310 5-66

TO BOTTOM OF PG. 31

F.B. 3454 PG. 30



TO TOP OF PG. 29

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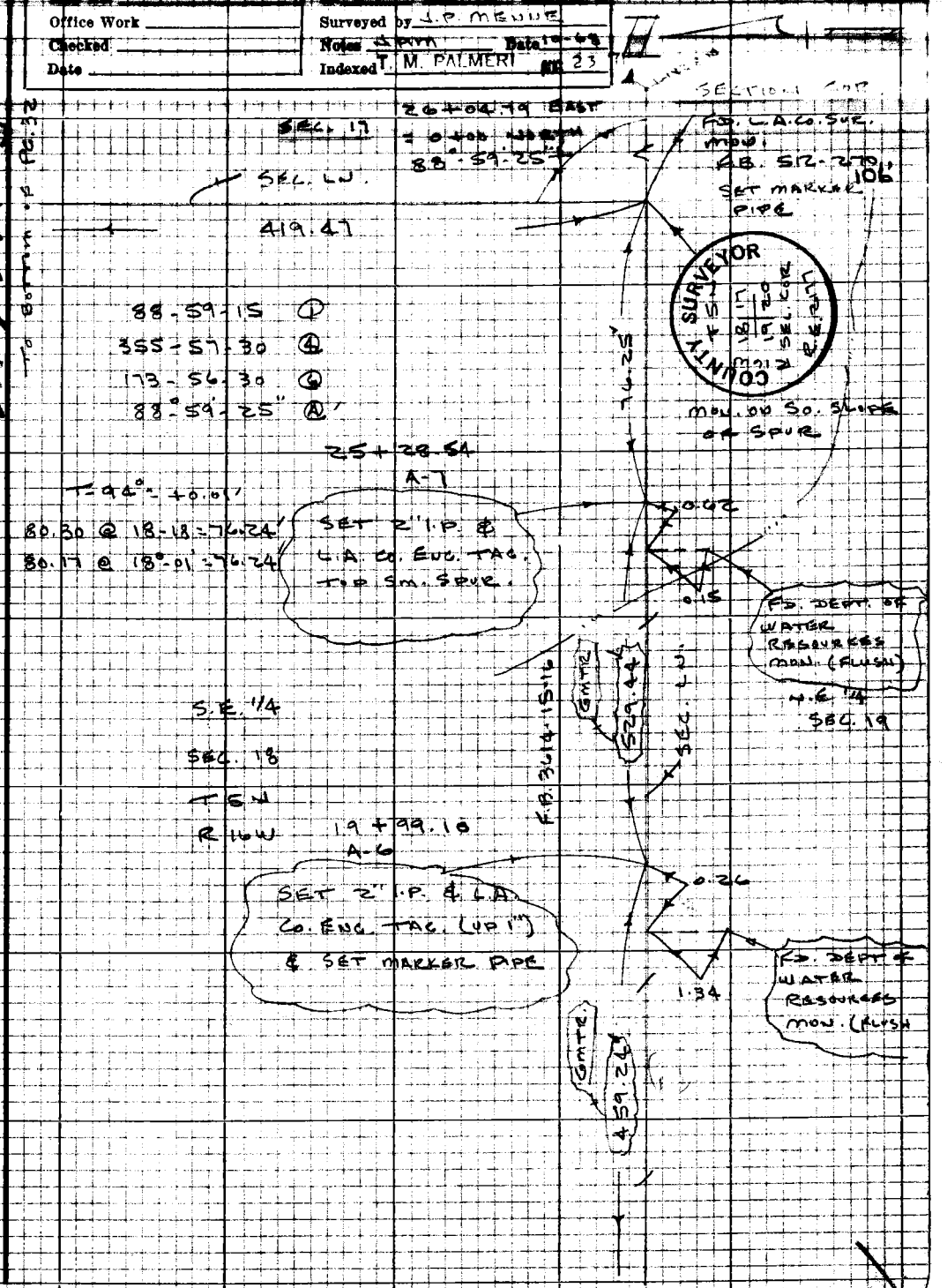
SEC. 18 T5N R16W

Notes Ck'd by CRGOSS	Survey of SECTION LINE	F.B. 3454 Pg. 31
Map No.	[illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes [illegible] Date 10-68	
Date	Indexed T. M. PALMERI 23	



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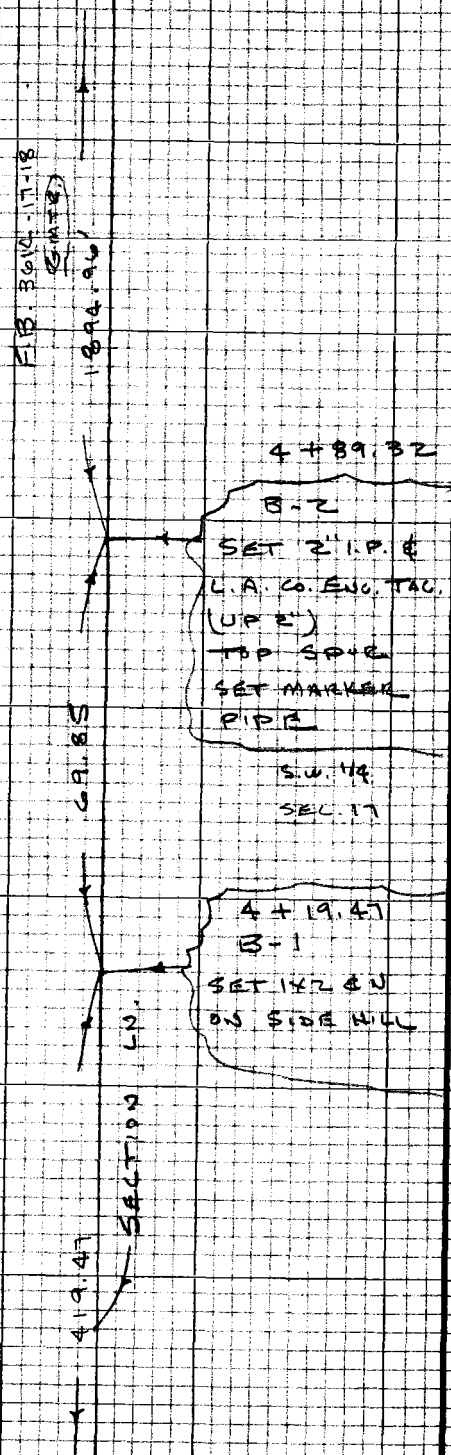
76P3098 CK #310 5-66

TO TOP OF PG. 30

To Bottom of Pg. 33

F.B. 3454 Pg. 32



T = 68° = -0.01

73.07 @ 17°-02' = 69.86

73.26 @ 17°-32' = 69.86

S.E. 1/4

SEC. 18

T 5 N

R 16 W

272.00

114.87

32.60

419.47

T = 72° = -0.02

298.32 @ 24°-14' = 272.03

298.00 @ 24-06 = 272.02

T = 66° = -0.01

115.36 @ 5°-09' = 114.89

115.41 @ 5°-29' = 114.88

T = 66° = 0

33.76 @ 15°-02' = 32.60

33.94 @ 16°-08 = 32.60

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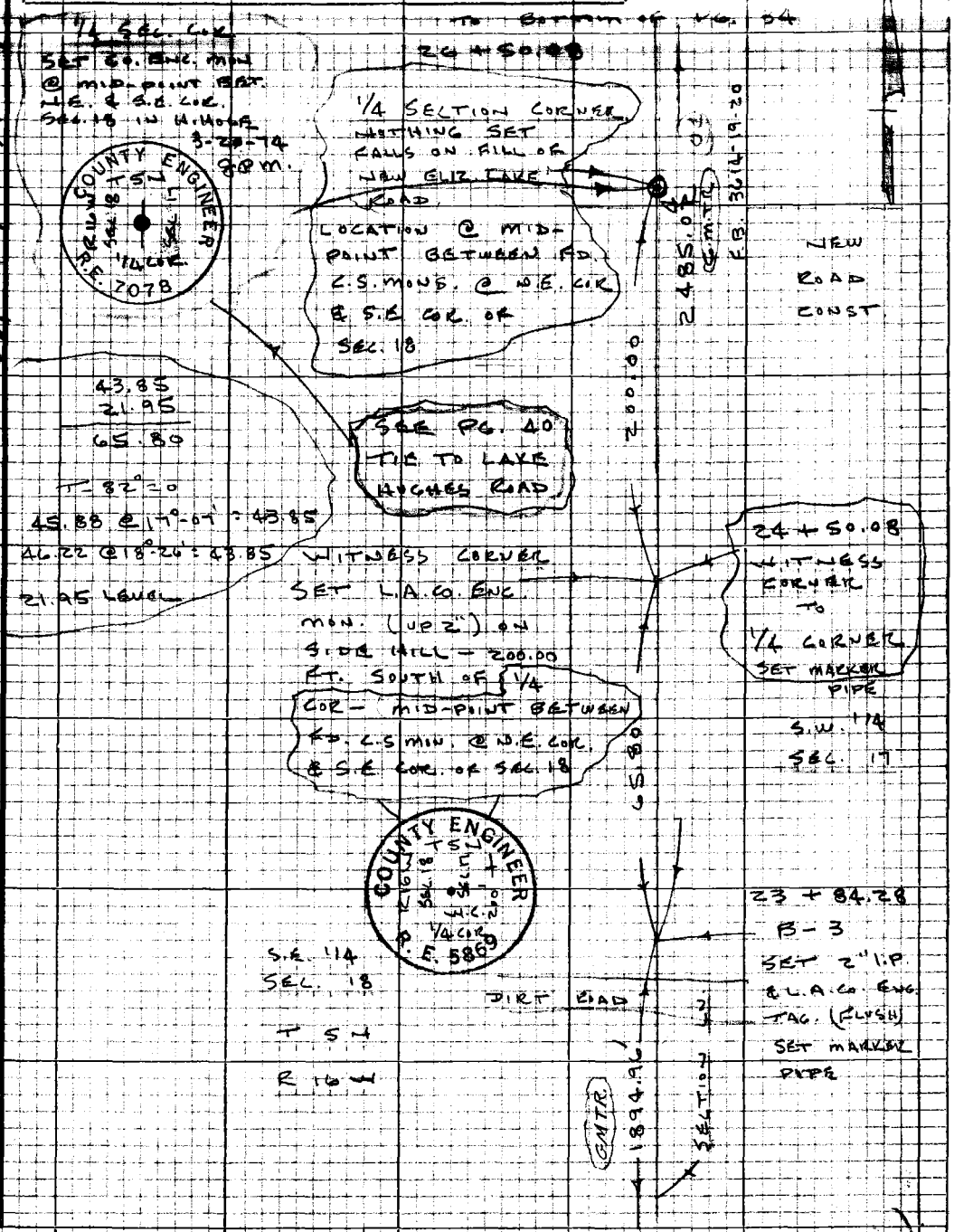
To Top Left of Pg. 31

SEC. 18 T5N R16W

Notes Ck'd by CRGOSS	Survey of SECTION LINE	F.B. 3454 Pg. 33
Map No.	[illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 10-68	
Date	Indexed T. M. PALMERI 23 71	



TO TOP OF PG. 32

W.S. 77A-4

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76P3098 CE #310 8-66

F.B. 3454 Pg. 34

TO TOP RT. OF PG. 39

SET 1x2 @ V. FOR ANGLE

SEC. 7

2° - 54' - 30 ①
11° - 38' - 45 ④
17° - 28 - 00 ⑥
2° - 54' - 40" Ⓐ

2° - 54' - 40"

5289.76' (GMTR) F.B. 3614-21-22

SEC. 8

53 + 00.16
SECTION CORNER
FD. L.A.Co. SUR.
MON. - EAST EDGE
OF FIRE BRK.
SET ② MARKER
PIPES.

COUNTY SURVEYOR
T 5 N
R 16 W
7 8
18 17
MONUMENT

SEC. 18
T 5 N
R 16 W

430.86

SECTION LN.

SEC. 17

T - 60° = -0.03'
199.38 @ 14°-02' = 193.43
199.62 @ 14°-19' = 193.42

T - 60° = -0.04'
241.17 @ 10°-00' = 237.51
241.28 @ 10°-08' = 237.52

193.39
237.47
430.86

48 + 69.30
B-4
SET 2" I.P. &
L.A.Co. ENG. TAG.
(FLUSH) ON SPUR
SET MARKER
PIPE 2' S.B'LY

2485.02

TO TOP OF PG. 33

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SEC. 7 T 5N R 16W

Notes Ck'd by CR GOSS | Survey of SECTION LINE | F.B. 3151 Pg. 35
Map No. | Office Work | Checked | Date | Surveyed by J.P. MENNE | Notes J.P.M. Date 11-14-68 | Indexed M. PALMERI AUG 23 '71

SECTION LINE TIE

TO

NORTH LINE OF

SECTION 7 T 5 N R 16W

REF.:

C.S.B. 1226

J.P. MENNE

M. WACKER

T. OHASHI

D. BOYETH

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403 Los Angeles County Engineering Bldg.

76P3098 CK #310 8-68

TO BOTTOM OF PG. 37

F.B. 3454 PG. 36

T-62° = -0.02'
134.36 @ 15°-20' = 129.58'
134.11 @ 14°-58' = 129.56'

T-62° = -0.04'
294.95 @ 16°-00' = 283.43'
295.38 @ 16°-21' = 283.43'

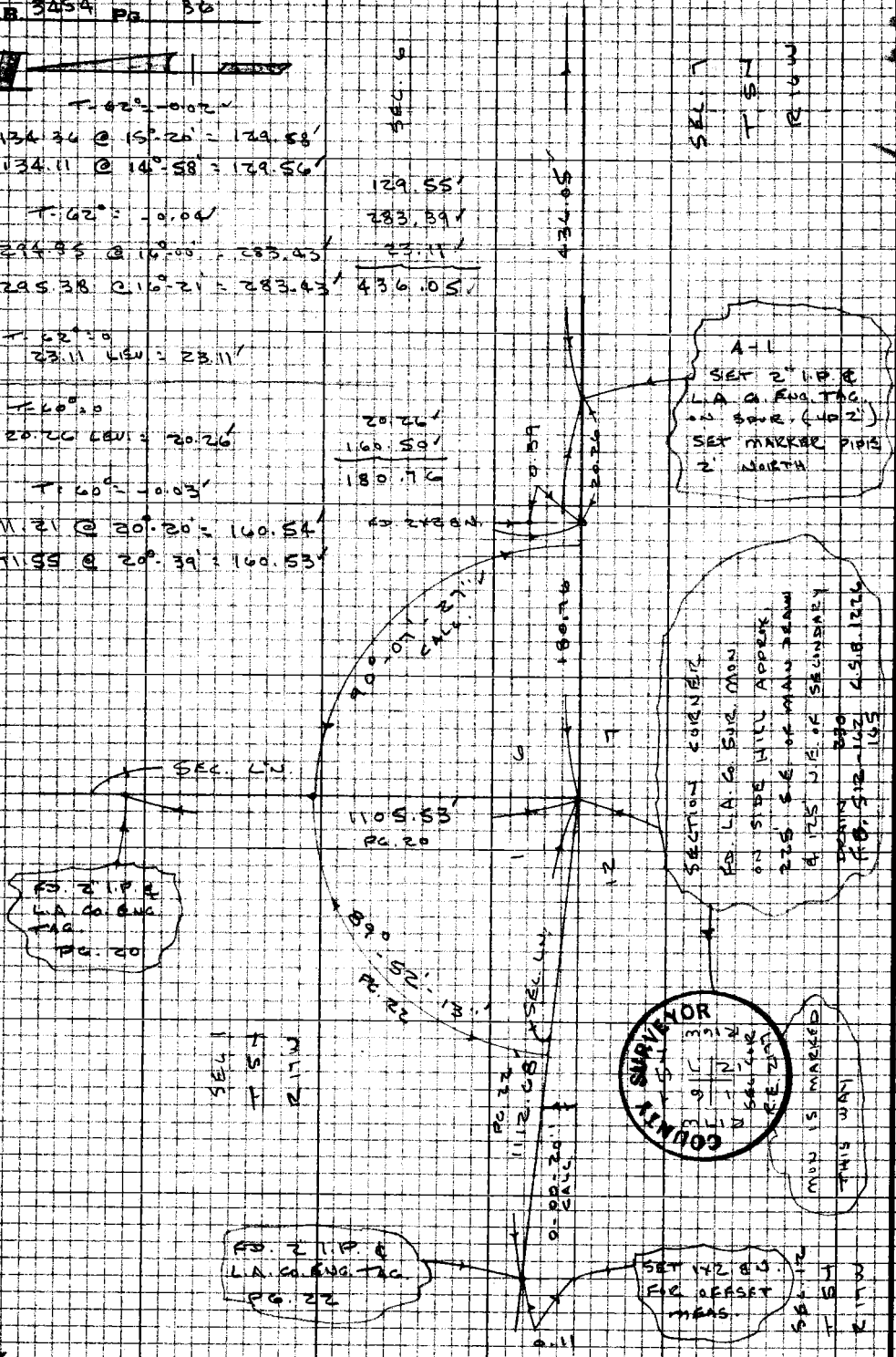
T-62° = 0
23.11 LEV = 23.11'

T-60° = 0
20.26 LEV = 20.26'

T-60° = -0.03'
171.21 @ 20°-20' = 160.54'
171.55 @ 20°-39' = 160.53'

129.55'
283.39'
23.11'
436.05'

20.26'
160.50'
180.76



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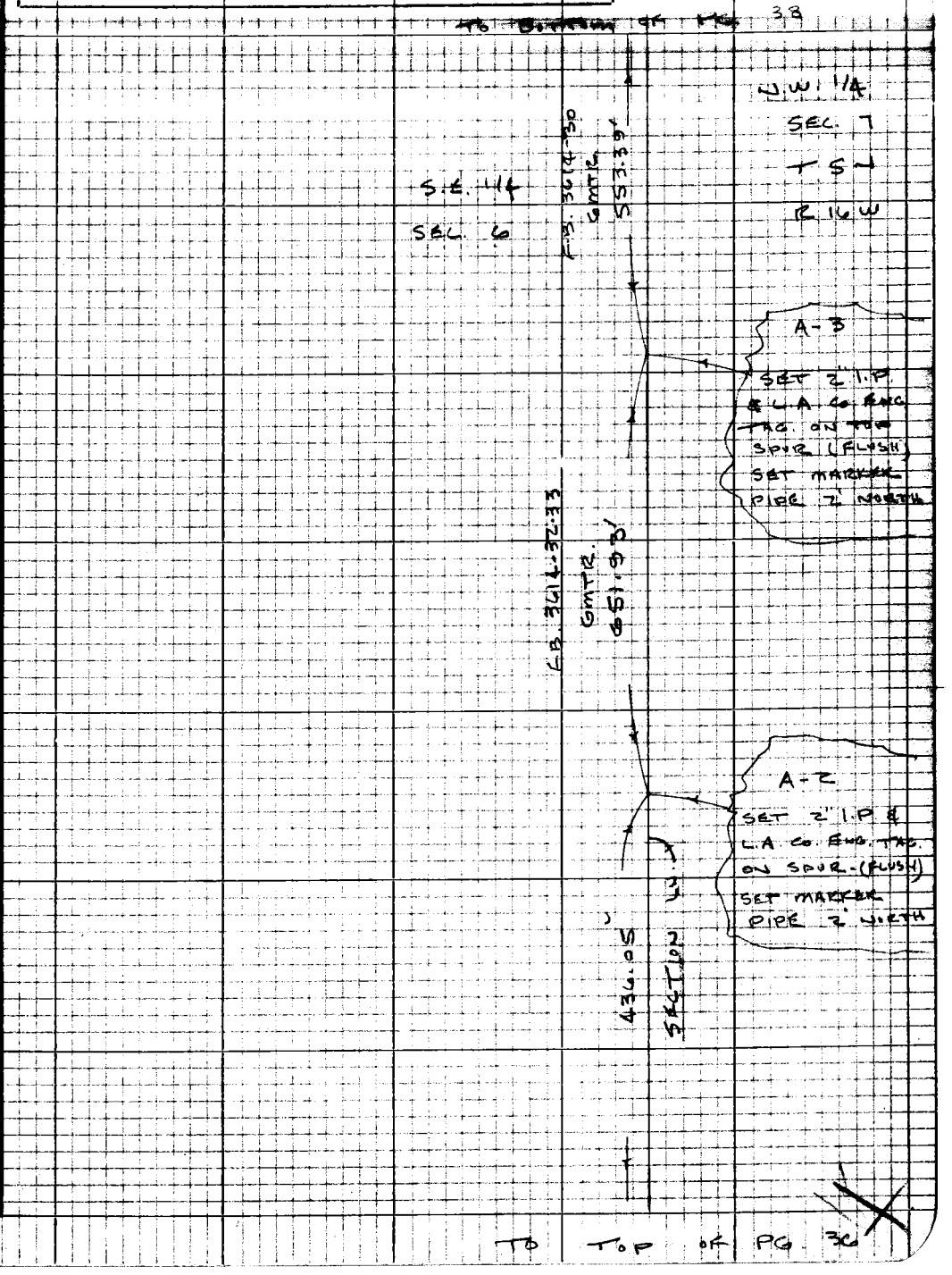
SEC. 7 T 5N R16W

Notes Ck'd by CRGOSS	Survey of SECTION LINE	F.B. 3154	Pg. 37
Map No.	[illegible] 143 [illegible]		
Office Work	Surveyed by J. P. MENNE		
Checked	Notes J.P.M. Date 11-14-68		
Date	Indexed T. M. PALMERI 23		



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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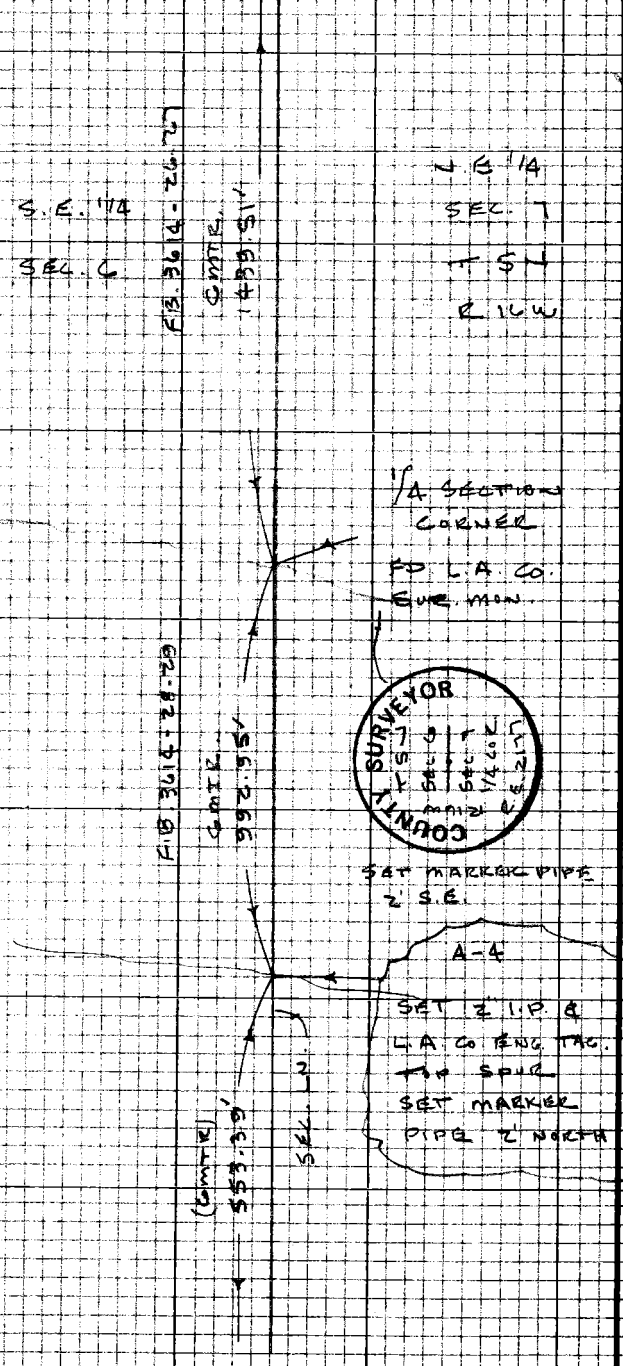
76P309S CE #310 5-66

TO BOTTOM OF PG 39

F.B. 3454 PG. 38



TO TOP OF PG 37

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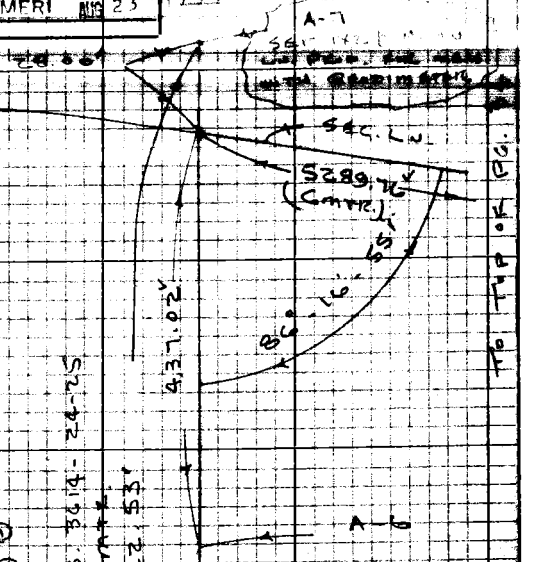
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

SEC. 7 T 5N R 16W

Notes Ck'd by [illegible]	Survey of SECTION LINE	F.B. [illegible]	Pg. 29
[illegible]	[illegible]		
Office Work	Surveyed by [illegible]		
Checked	Notes [illegible] Date [illegible]		
Date	Indexed T. M. PALMERI AUG 23		



SECTION CORNER
FD L.A. CO. SUR. MON
ON SIDE HILL
20' ± ABOVE ELIZ. LAKE
ROAD - NO. SIDE
F.B. 512-

COUNTY SURVEYOR'S MONUMENT
T 5N
R 16W
5/8
0/1

F.B. 3614 - 24-25
GRATE
1422.53'

86-16-45 ①
345-07-30 ④
157-41-30 ⑥
86°-16'-55 Ⓐ'
S.E. 1/4
SEC. 6

N.E. 1/4
SEC. 7
T 5N
R 16W

T-66° = 0'
28.00' LEVEL

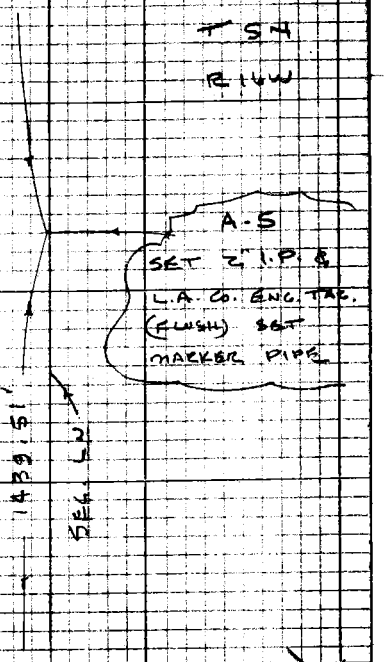
T-66° = -0.02'

191.48 @ 12°-44' = 186.77'
191.72 @ 13°-02' = 186.78'

186.75'
250.27'
437.02'

T-66° = -0.03'

253.26 @ 8-46 = 250.30'
253.36 @ 8-54 = 250.31'

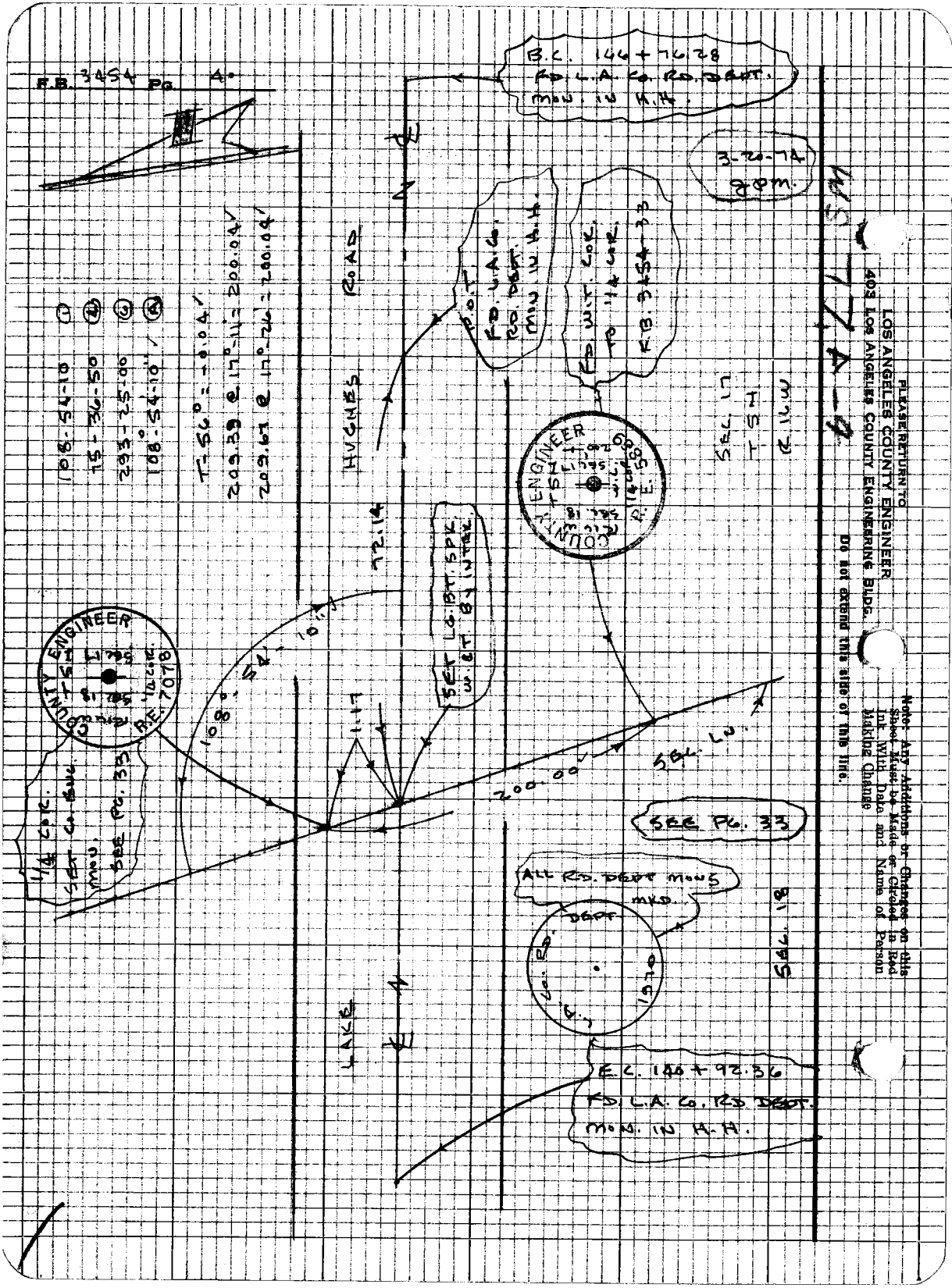


TO TOP OF PG. 38

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this sidewalk in this line.

76P3098 CE #310 5-66


F.B. 3454 Pg. 4
B.C. 144 + 76.28
FD. L.A. Co. RD. DEPT.
MON. IN H.H.
3-20-74
gpm.
108-54-10 (1)
75-36-50 (4)
293-25-00 (6)
108°-54'-10" (A)
T-56° = -0.04'
209.39 @ 17°-11' = 200.04'
209.67 @ 17°-26' = 200.04'
HUGHES ROAD
P.O.T.
FD. L.A. Co.
RD. DEPT.
MON. IN H.H.
FD. W.T. COR.
TO 1/4 COR.
F.B. 3454-33
SEC. 17
T 5 N
R 16 W
COUNTY ENGINEER
R.E. 5889
72.14
SET LG. BT. SPK.
W. & T. BY INTER.
108°-54'-10"
1.17
200.00'
SEC. LN.
SEE PG. 33
ALL RD. DEPT MONS
MKD.
DEPT.
Co. RD.
1970
SEC. 18
1/4 COR.
SET Co. ENG.
MON.
SEE PG. 33
COUNTY ENGINEER
R.E. 7078
LAKE
E.C. 140 + 92.36
FD. L.A. Co. RD. DEPT.
MON. IN H.H.
PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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SEC. 36 T 6N R 17W

Notes Ck'd by CRGOSS	Survey of SECTION LINE	F.B. 3454 Pg. 41
Map No.	JN 4302-01 Tape Std 84	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 11-68	
Date	Indexed T. M. PALMERI AUG 23 '71	

SURVEY

OF

PORTION OF

SECTION 36

T 6N R 17W

AND

SECTION 31

T 6N R 16W

J.P. MENNE

M. WACKER

T. OHASHI

D. BOXETA

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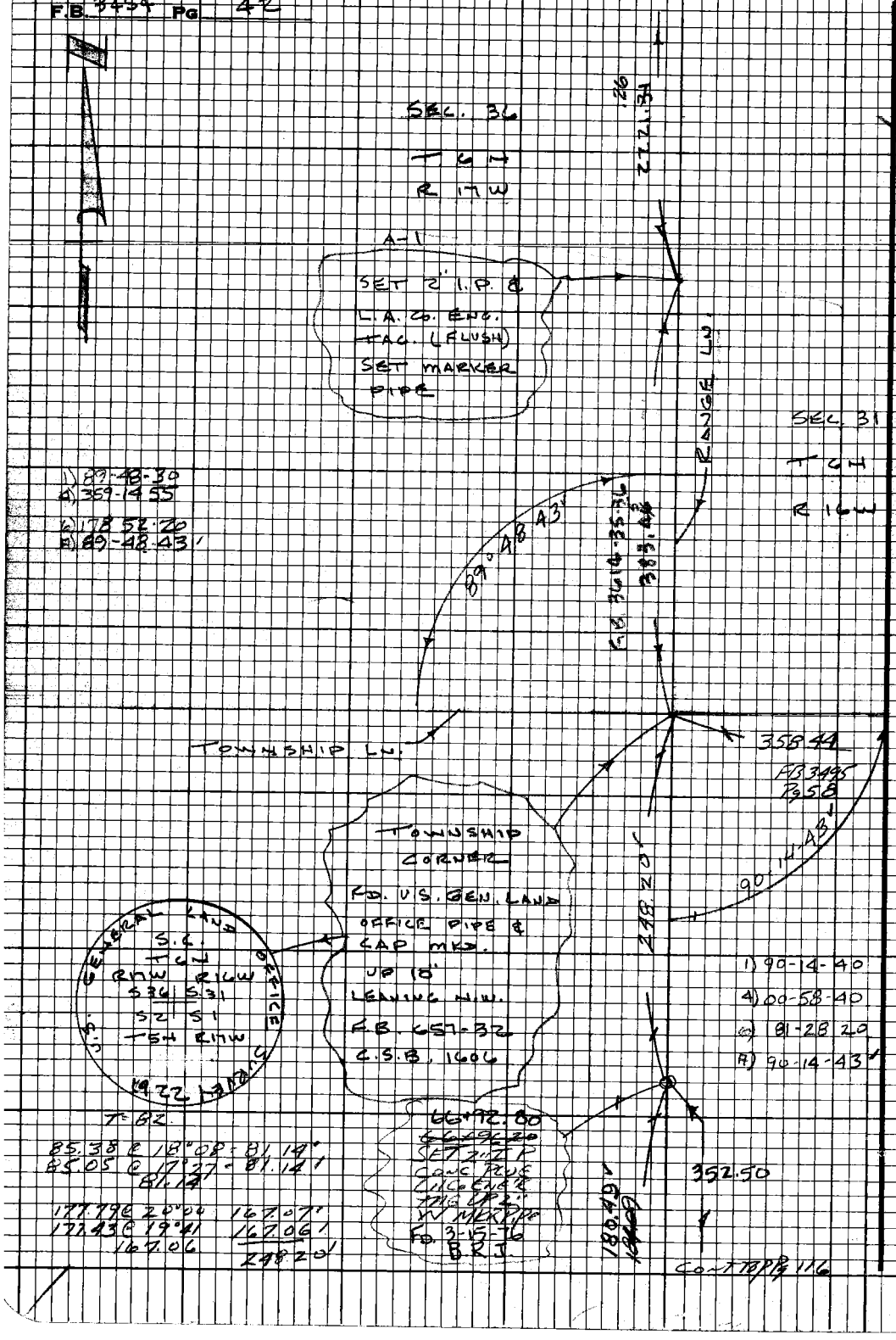
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

2

F.B. 3454 PG 42

TO BOTTOM OF PG 43



WS 77, A-3

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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SEC. 36 T6N R17W

Notes Ck'd by	Survey of SECTION LINE
Map No.	
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 11-68
Date	Indexed T. M. PALMERI 23

F.B. 3454 PG. 42

TO BOTTOM OF PG. 44

1/4 SECTION CORNER
SEC. 31

U.S. GENERAL LAND OFFICE SURVEY
PENALTY 250 FOR REMOVAL
1/4 S.31
1922

COUNTY ENGINEER
T6N
R17W
SEC. 31
R16W
1/4 COR.
R. E. 5869

C.S. 9396-7

FD. U.S. GENERAL LAND OFFICE 1" I.P. & CAP & MOUND OF ROCKS (UP 16") LEANING S. EASTERLY - REPLACED WITH L.A. CO. ENG. MON. (UP 2") & SET MARKER PIPE

SEC. 36
T6N
R17W

RANGE LINE

T-66° = 0
19.80 LEV.

1/4 SECTION CORNER
SEC. 36

U.S. GENERAL LAND OFFICE SURVEY
PENALTY 250 FOR REMOVAL
1/4
S36
1922

COUNTY ENGINEER
T6N
R17W
SEC. 36
R16W
1/4 COR.
R. E. 5869

C.S. 9396-5

FD. U.S. GENERAL LAND OFFICE 1" I.P. & CAP. & MOUND OF ROCKS MKD. - (UP 10") LEANING S. EASTERLY - REPLACED WITH L.A. CO. ENG. MON. (UP 2") & SET MARKER PIPE

SEC. 31
T6N
R16W

FB 3614 37-38
26
2221.31

0°-01'-10"

TO TOP OF PG. 42

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

Do not extend this side of this line.

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

W517 C3 → W517 A-3

76F3098 CE#310 9-67

To Bottom of Pg. 45

F.B. 3454 Pg 44

T=64°=-0.09'

671.02 Lev. = 670.93

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403 Los Angeles County Engineering Bldg.

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

T=64°=-0.05'

386.22 Lev. = 386.17

56.56 Lev. T=72°=56.56'

N.E. 1/4
SEC. 36
T 6 4
R 17 W

A-2A:
Set 2" I.P. Conc.
Plug & C.E. Tag
Set 2" Mkr Pipe
2' W.I.
P.L.S. 5-19-75

T=66°=-0.19'

73.28 @ 4°-32' = 73.05'
73.34 @ 5°-08' = 73.05'

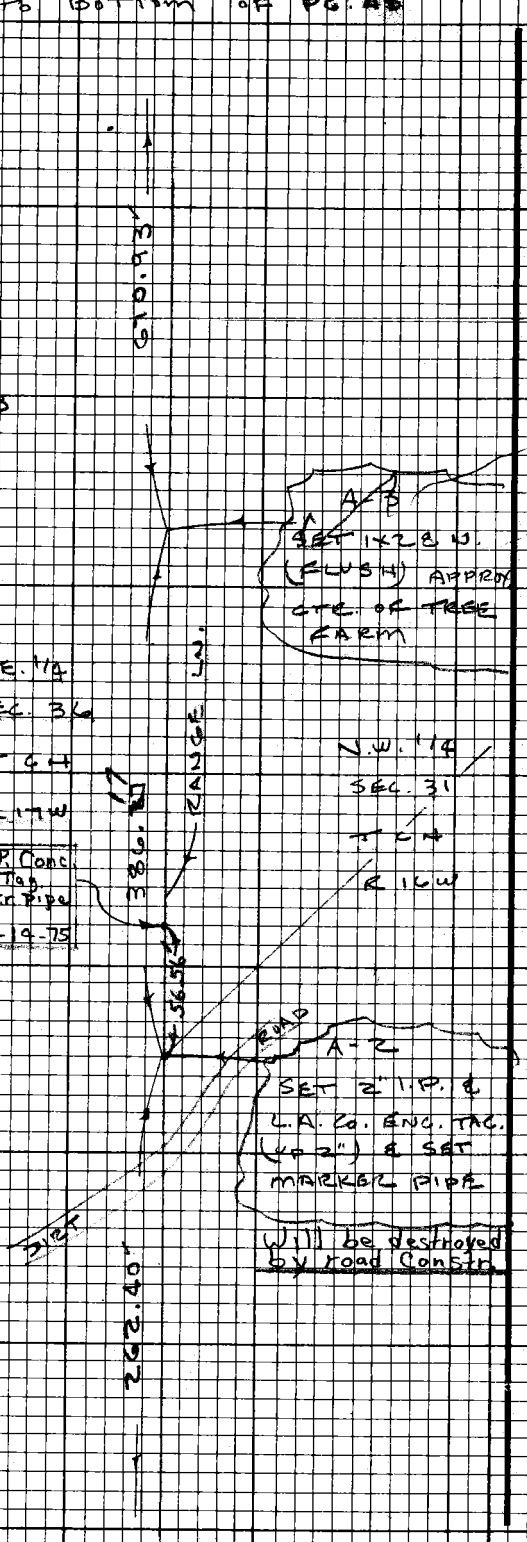
T=66°=-0.02'

133.22 @ 13°-28' = 129.56'
133.03 @ 13°-07' = 129.56'

T=66°=+0.01'

64.69 @ 22°-21' = 59.83'
64.42 @ 21°-46' = 59.83'

73.04'
129.56'
59.82'
262.40'

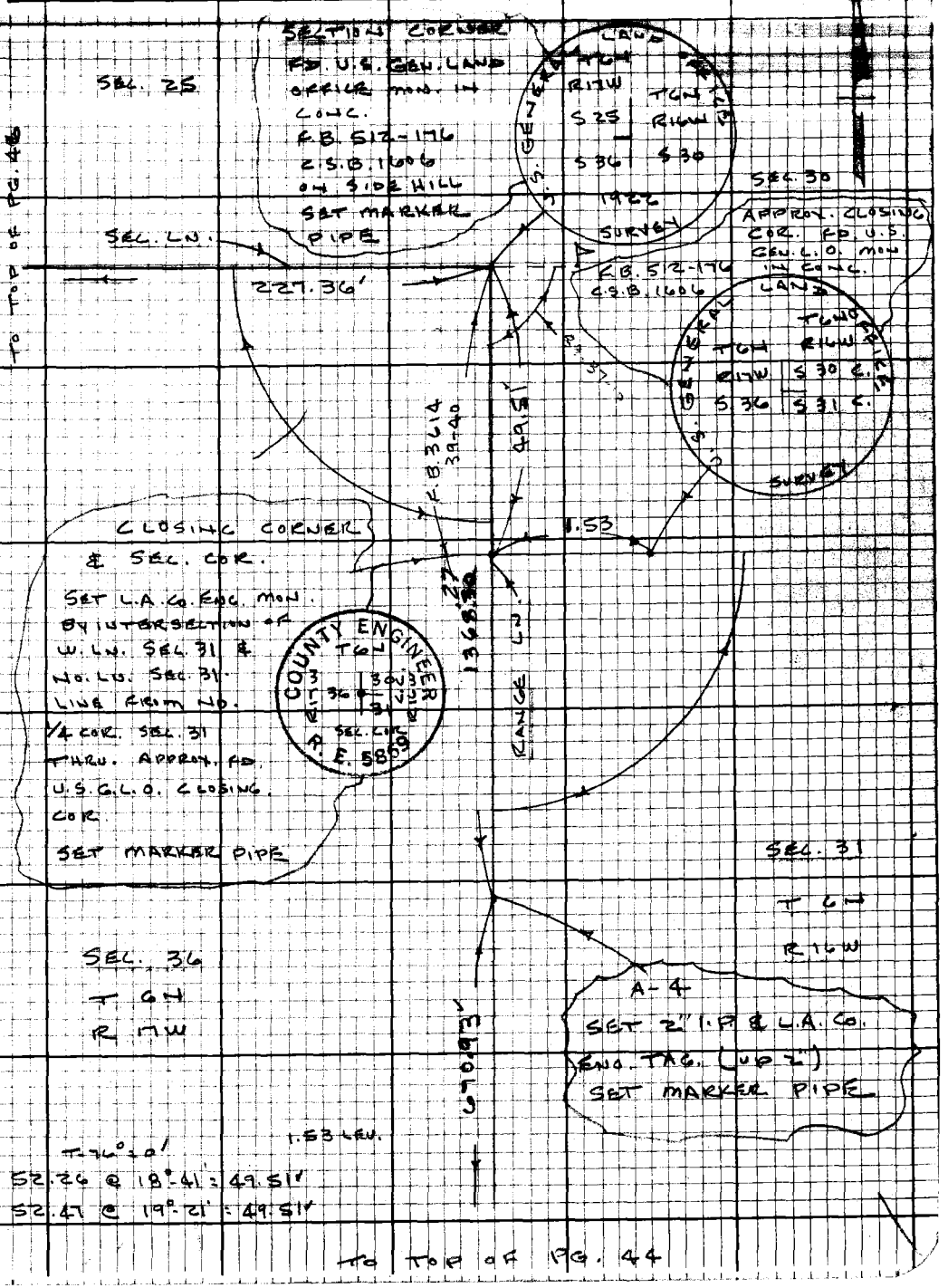


To Top of Pg. 43

SEC. 36 T 6N R 17W

Notes Ck'd by	Survey of SECTION LINE
Map No.	JN 030401 Tape Std. 84 F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 11-68
Date	Indexed T. M. PALMERI AUG 23 '71

F.B. 3454 PG. 45



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

Do not extend this side of this line.

W517 C-3

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

TO TOP LEFT OF PG. 45

F.B. 3454 PG 46

T-76° = -0.01'

201.11 @ 25°-38' = 181.32'

201.48 @ 25°-51' = 181.32'

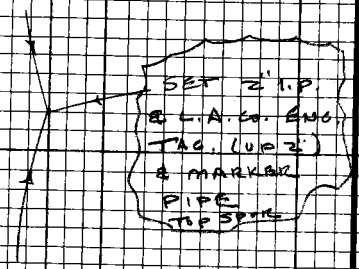
46.05 LEV. = 46.05'

181.31'
46.05'
227.36'

227.36'

SEC. LN.

SEC. 25
T 6 N
R 17 W



F.B. 3614-41-42

1725.90

SEC. 36
T 6 N
R 17 W

T-96° = +0.02'

197.92 @ 2°-56' = 197.66'

197.95 @ 3°-06' = 197.66'

T-96° = +0.02'

297.29 @ 14°-11' = 288.23'

297.44 @ 14°-17' = 288.25'

T-96° = +0.02'

193.08 @ 12°-06' = 188.79'

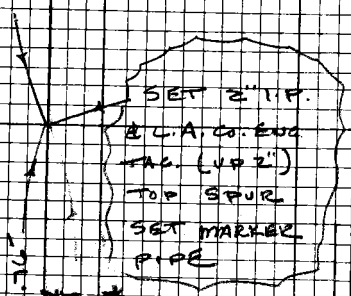
193.17 @ 12°-12' = 188.81'

197.68'
288.26'
188.82'
674.76'

674.76'

3323.44

F.B. 3614-43-44



TO TOP OF PG. 47

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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SEC. 36 T6N R17W

Notes Ck'd by [illegible]	Survey of SECTION LINE
Map No.	JN 0306-01 Tape Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes [illegible] Date 10-68
Date	Indexed T. M. PALMERI AUG 23 '71

F.B. 3454 Pg. 47

TO BOTTOM OF PG.

1/4 SECTION CORNER

COUNTY SURVEYOR
T6N
25
36
R17W
1/4 COR.
R.E. 62

FD. L.A. Co. SUR. MON.
(FLUSH) IN ROCK
MOUND.
F.B. 512-178
C.S.B. 1606

674.76'

SEC. LN.

SEC. 36
T6N
R17W

SEC. 25

3323.34
FB 3614-43-44

TO PROJ. OF
NW COR. 36

-20.55

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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 3454 Pg 48

765420 S & E-353 9-55

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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

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

NOTES RED _____ JOB NO _____ SURVEY OF _____
DATE _____ SURVEY BY _____
NOTES CHKD _____ NOTES BY _____ DATE _____
DATE _____ INDEXED _____ DATE _____

F. B. _____ Pg. _____

F. B. PG.

JOB NO. ______ SURVEY OF ______ NOTES RED. ______

SURVEY BY ______ DATE ______

NOTES BY ______ DATE ______ NOTES CHKD. ______

INDEXED ______ DATE ______ DATE ______

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

Do not extend notes this side of this line

7684 S & E-353 9-55

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

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

SECTION LN.

Notes Ck'd by	Survey of SEC. 13 TSN RIW	F. B. 3454 PG. 49
Map No.	~~JN~~ ~~Tape~~ ~~Std.~~ ~~°F~~	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M Date 9-13-69	
Date	Indexed T. M. PALMERI AUG 23 '71	

WEST LINE

OF

SECTION 13

T S N

R 17 W.

REF

C.S.B. 1226

J.P. MENNE

J. MOODY

T. OHASHI

R.R. RODRIGUEZ

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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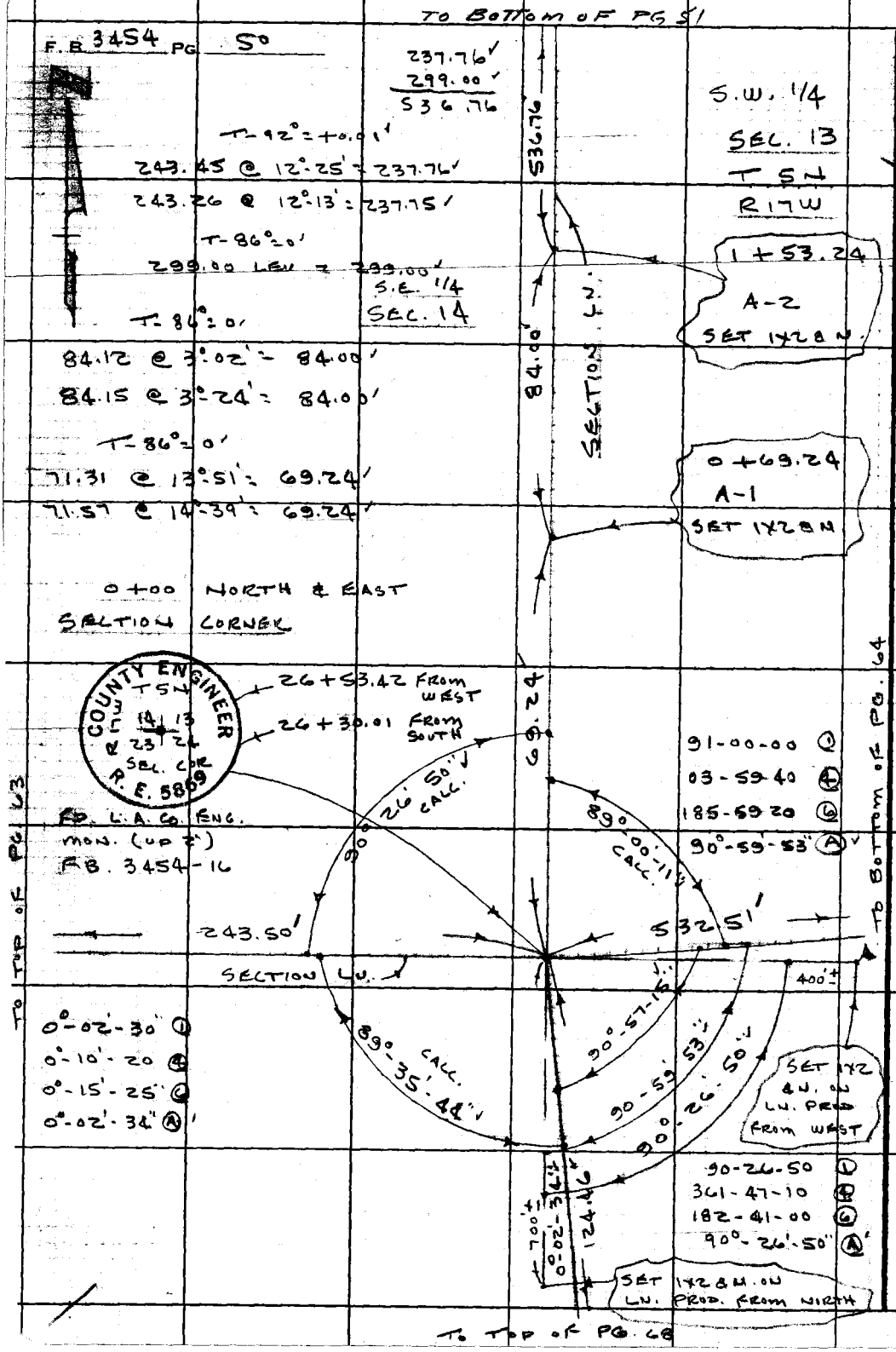
76F309S CE#310 1-65



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

SECTION LN.

Notes Ck'd by S. R. GO[illegible]	Survey of SEC 13 T5N R17W	F. B. 2454 PG.
Map No.	[illegible] Tape 213 Std. 84 °F	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J. P. M. Date 9-18-69	
Date	Indexed T. M. PALMERI AUG 23 '71	

TO BOTTOM OF PG. 52

107°-04-00 ①
68-16-00 ④
282-23-45 ⑥
107°-03'-58" Ⓐ

50-13-00 ①
200-51'-45" ④
301-17-40 ⑥
50°-12'-57" Ⓐ

9+29.84
A-5
SET 2" I.P. & L.A.
CO. ENG. TAG.
TOP SPUR
SET MARKER PIPE
2' S.W.

737.95' (CALC.)
DECEND VERY STEEP
4' ③ ST. BARBED WIRE FU.
107°-03'-58"
55' ADJ. ③
BASE LN.
918.03' CALC.
55' ADJ.
50°-12'-57"
370.89'
36.16'

BASE LN.
T-92° = +0.01'
197.89 @ 7°-26' = 196.23'
198.05 @ 7°-49' = 196.21'
T-92° = +0.01'
177.61 @ 10°-28' = 174.65'
177.41 @ 10°-07' = 174.65'
196.23'
174.66'
370.89'

8+93.68
A-4
SET 1X2 8N.
SO. EDGE SPUR.

SET 1X2 8N.
TOP SPUR

203.68'
SECTION 3

S.W. 1/4
SEC. 13
T5N
R17W

6+90.00
A-3
SET 1X2 8N.

T-92° = 0'
36.16' LEV.

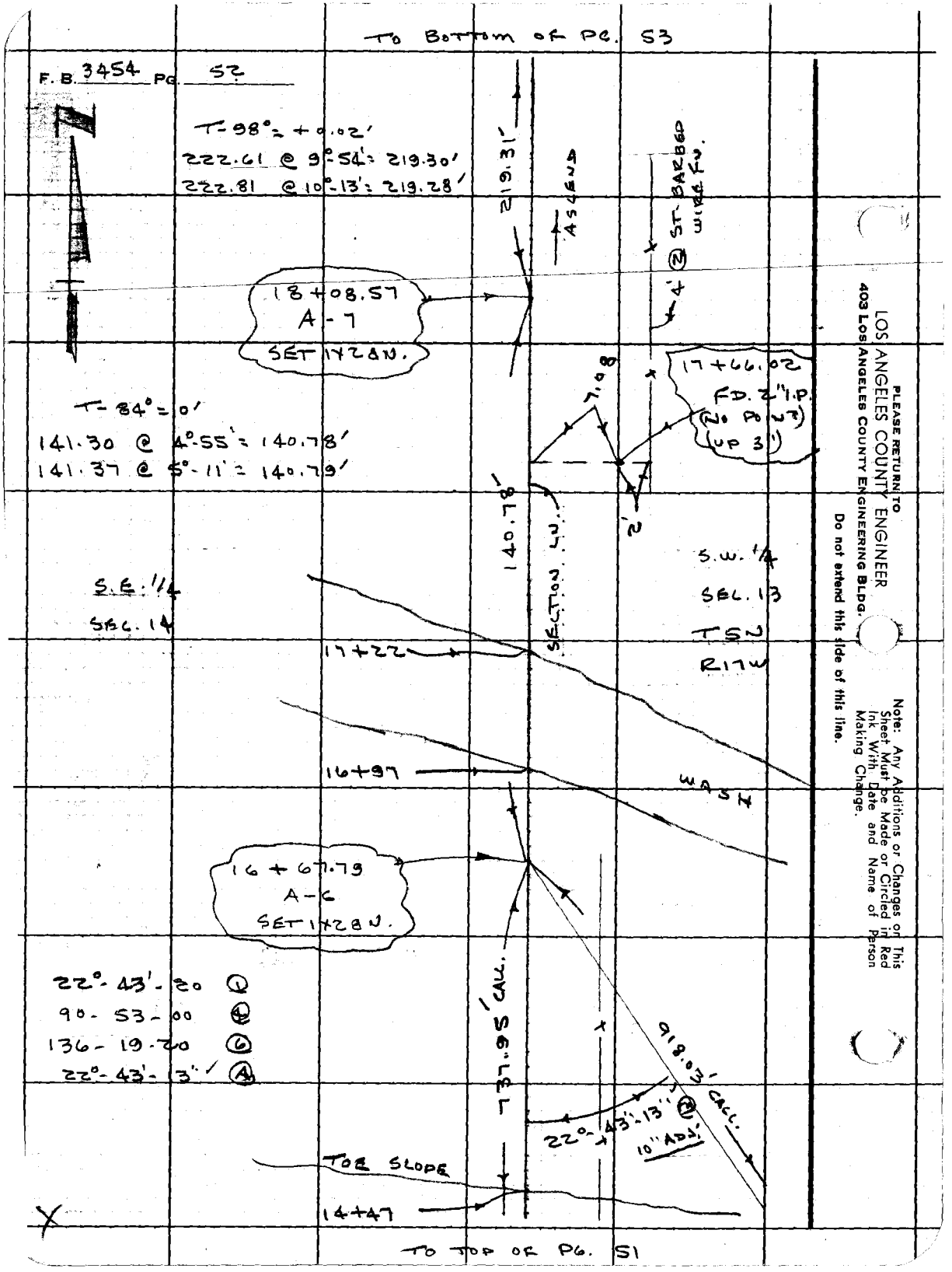
DIRT ROAD
S.E. 1/4
SEC. 14
OLD RIDGE ROUTE
536.76'

4+43

T-92° = +0.01'
211.31 @ 15°-27' = 203.67'
211.04 @ 15°-11' = 203.67'

TO TOP OF PG. 50

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S CE#310 1-65



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

Do not extend this side of this line.

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

SECTION LN.

Notes Ck'd by	Survey of SEC 13 T5N R17W
Map No.	JN [illegible] Tape 213 Sht. 84 of
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 9-22-69
Date	Indexed J. M. PALMERI AUG 23 '71

F. B. 3454 PG. 53

TO BOTTOM OF PG. 54

86.80'

25 + 32.65
A-10
SET 1X2 8N

T-98° = +0.01'
88.88 @ 12°-26' = 86.80'
88.98 @ 12°-44' = 86.79'

S.E. 1/4
SEC. 14

274.00'

SECTION LN.

22 + 58.65
A-9
SET 1X2 8N.
SIDE HILL

T-98° = +0.03'
291.60 @ 20°-02' = 273.96'
291.87 @ 20°-10' = 273.98'

S.W. 1/4
SEC. 13
T5N
R17W

230.77'

ASCEND

T-98° = 0'
47.00 @ 28°-56' = 41.13'
47.54 @ 30°-03' = 41.15'

20 + 27.88
A-8
SET 1X2 8N.
SIDE HILL

T-98° = +0.02
217.82 @ 29°-29' = 189.61'
217.39 @ 29°-16'-30" = 189.62'

19+90

TOE SLOPE

219.31'

41.14'
189.63'
230.77'

TO TOP OF PG. 52

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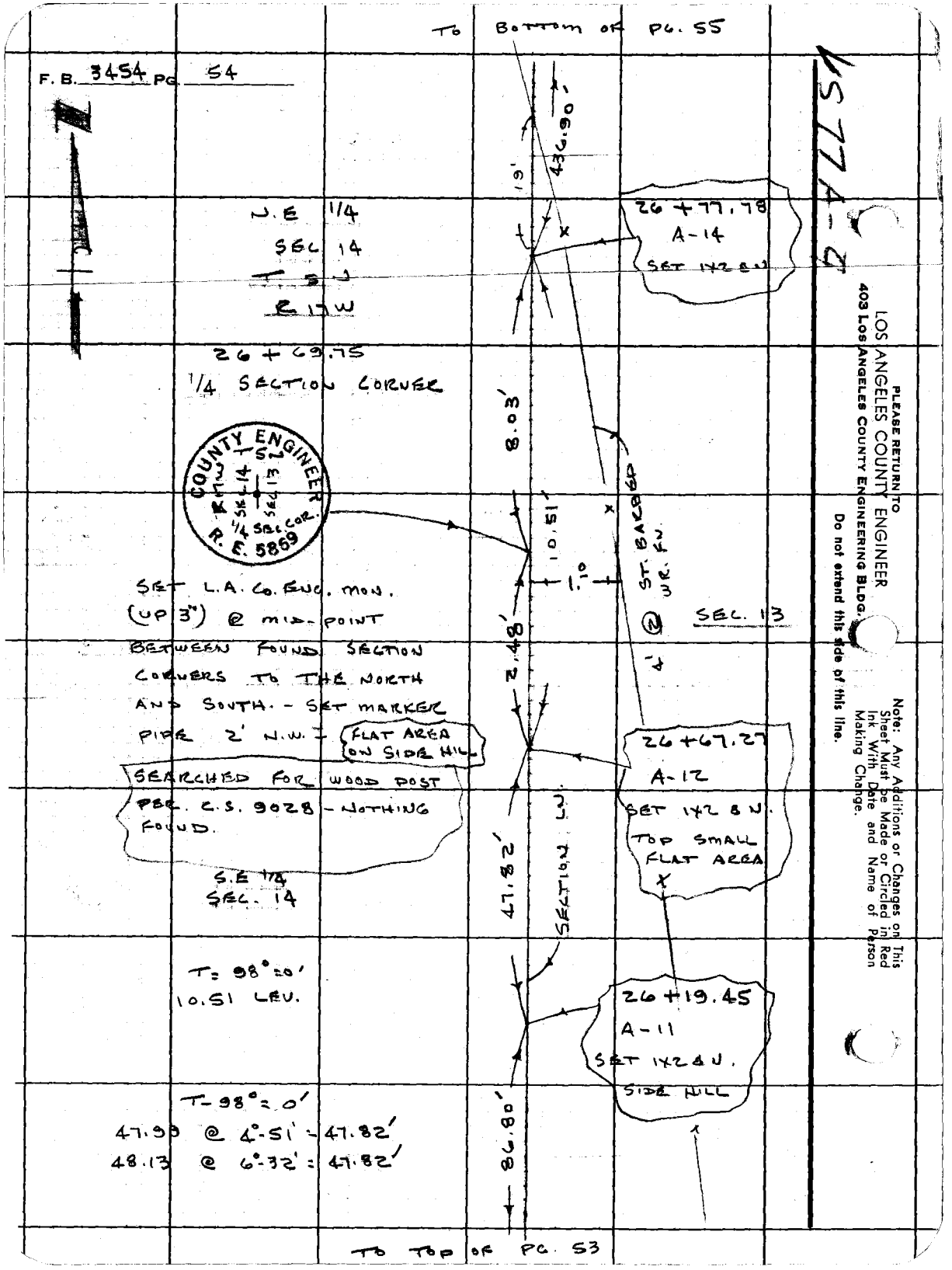
76F309S CE#310 1-65



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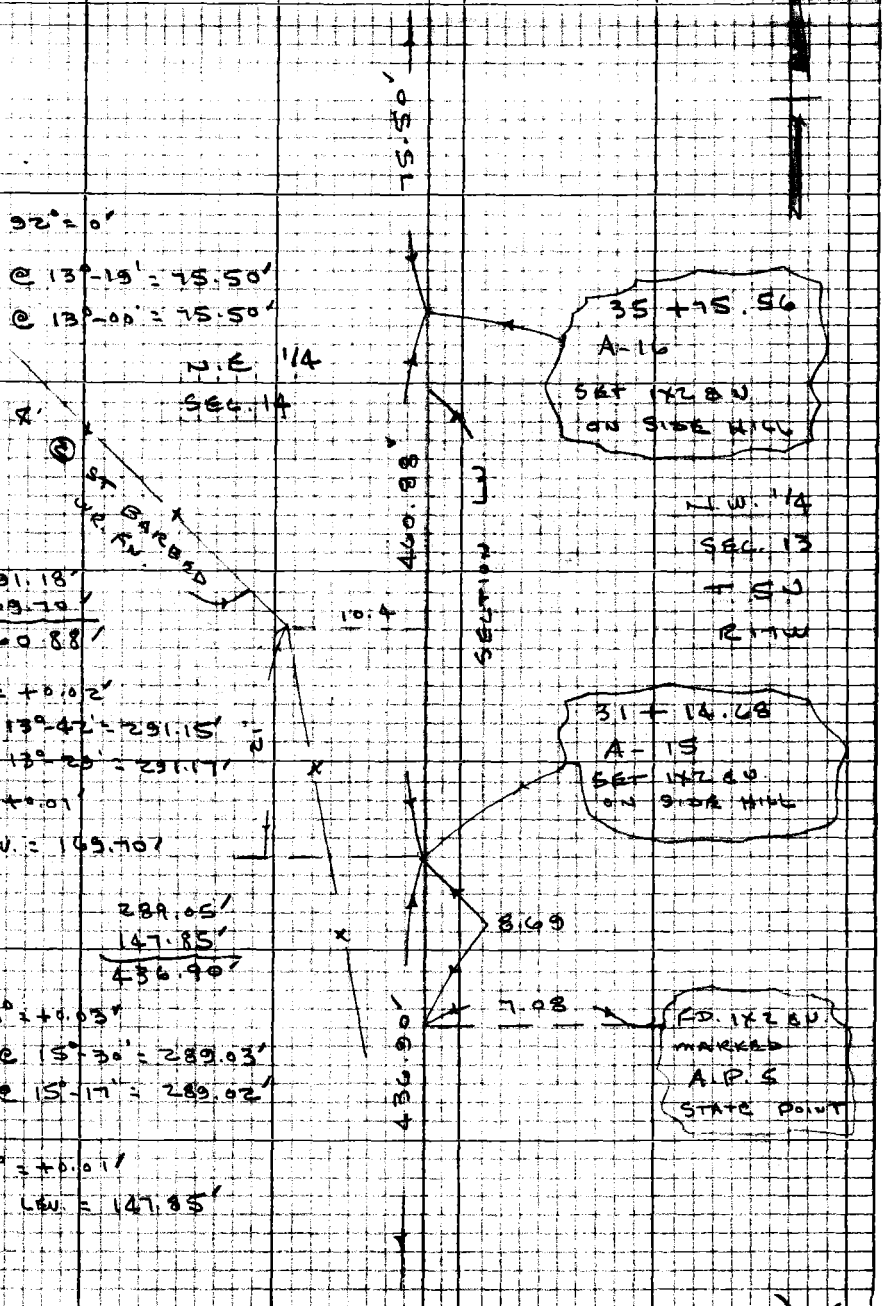
SECTION LN.

Notes Ck'd by [illegible]	Survey of SEC. 13 T5N R14W	F.B. 3454 Pg. 55
Map No.	[illegible] Page 213 [illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date [illegible]	
Date	Indexed T. M. PALMERI AUG 23 '[illegible]	

TO BOTTOM OF PG. 54



T-92° = 0'

77.59 @ 13°-19' = 75.50'

77.49 @ 13°-00' = 75.50'

N.E. 1/4

SEC. 14

ST. BARBED WR. FN.

291.18'
169.70'
460.88'

T-92° = +0.02'

299.68 @ 13°-42' = 291.15'

299.42 @ 13°-29' = 291.17'

T-94° = +0.01'

169.69 LEV. = 169.70'

289.05'
147.85'
436.90'

T-98° = +0.03'

299.94 @ 15°-30' = 289.03'

299.42 @ 15°-17' = 289.02'

T-94° = +0.01'

147.84 LEV. = 147.85'

TO TOP OF PG. 54

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76P3098 CK #310 8-66

To Bottom of Pg. 57

F.B. 3454 Pg. 56

T-90° = 0'
55.24 LEV.
T-90° = 0'
114.36 @ 18°-03' = 108.73'
114.63 @ 18°-28' = 108.73'

T-90° = +0.01'
136.93 @ 30°-46' = 117.66'
137.57 @ 31°-12' = 117.67'

T-86° = 0'
275.82 @ 11°-34' = 270.22'
275.59 @ 11°-20' = 270.22'

279.57'
70.84'
350.41'

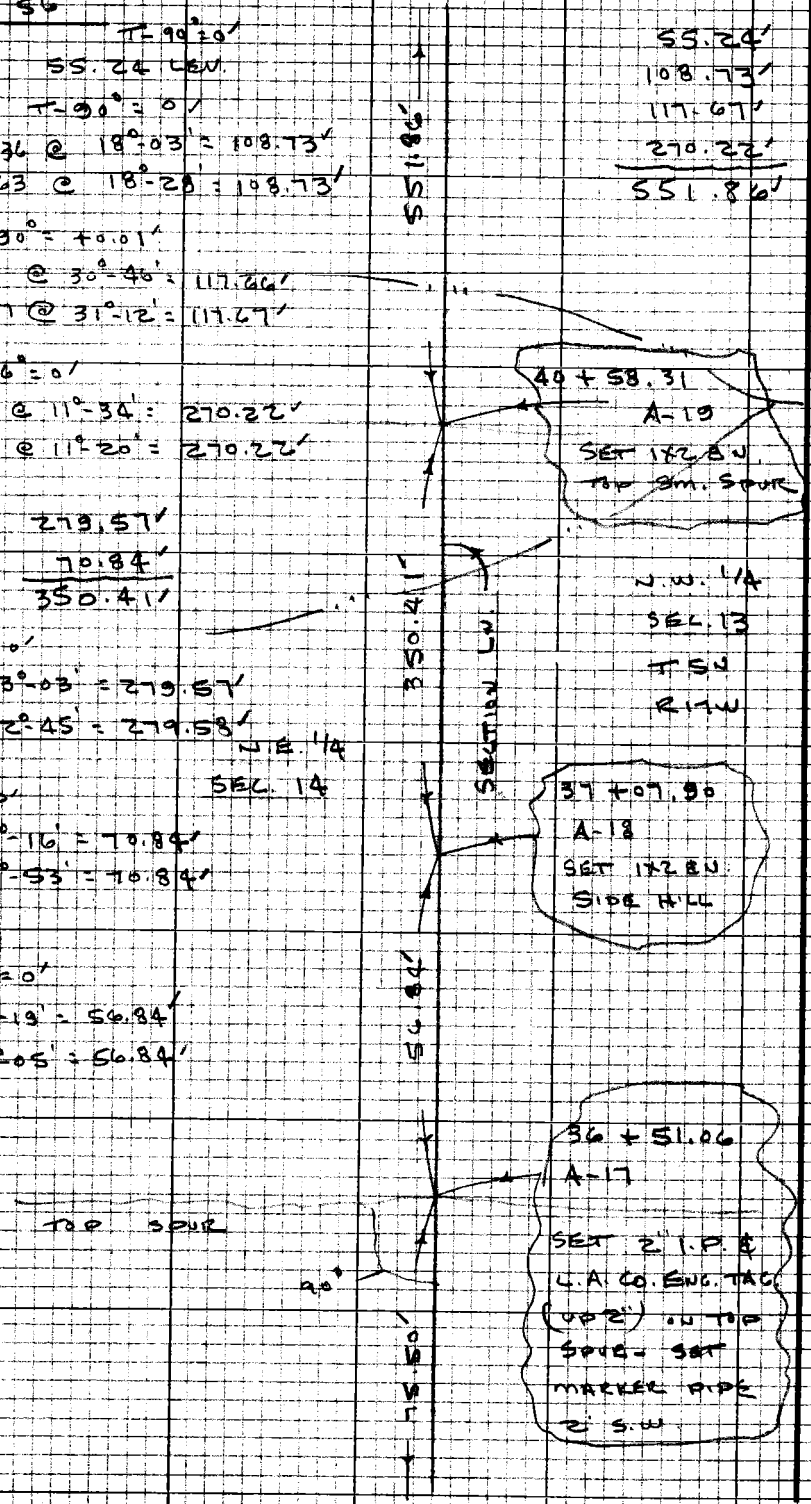
T-84° = 0'
286.98 @ 13°-03' = 279.57'
286.65 @ 12°-45' = 279.58'

N.E. 1/4
SEC. 14

T-78° = 0'
75.51 @ 20°-16' = 70.84'
75.82 @ 20°-53' = 70.84'

T-92° = 0'
57.60 @ 9°-19' = 56.84'
57.41 @ 8°-05' = 56.84'

55.24'
108.73'
117.67'
270.22'
551.86'



To Top of Pg. 55

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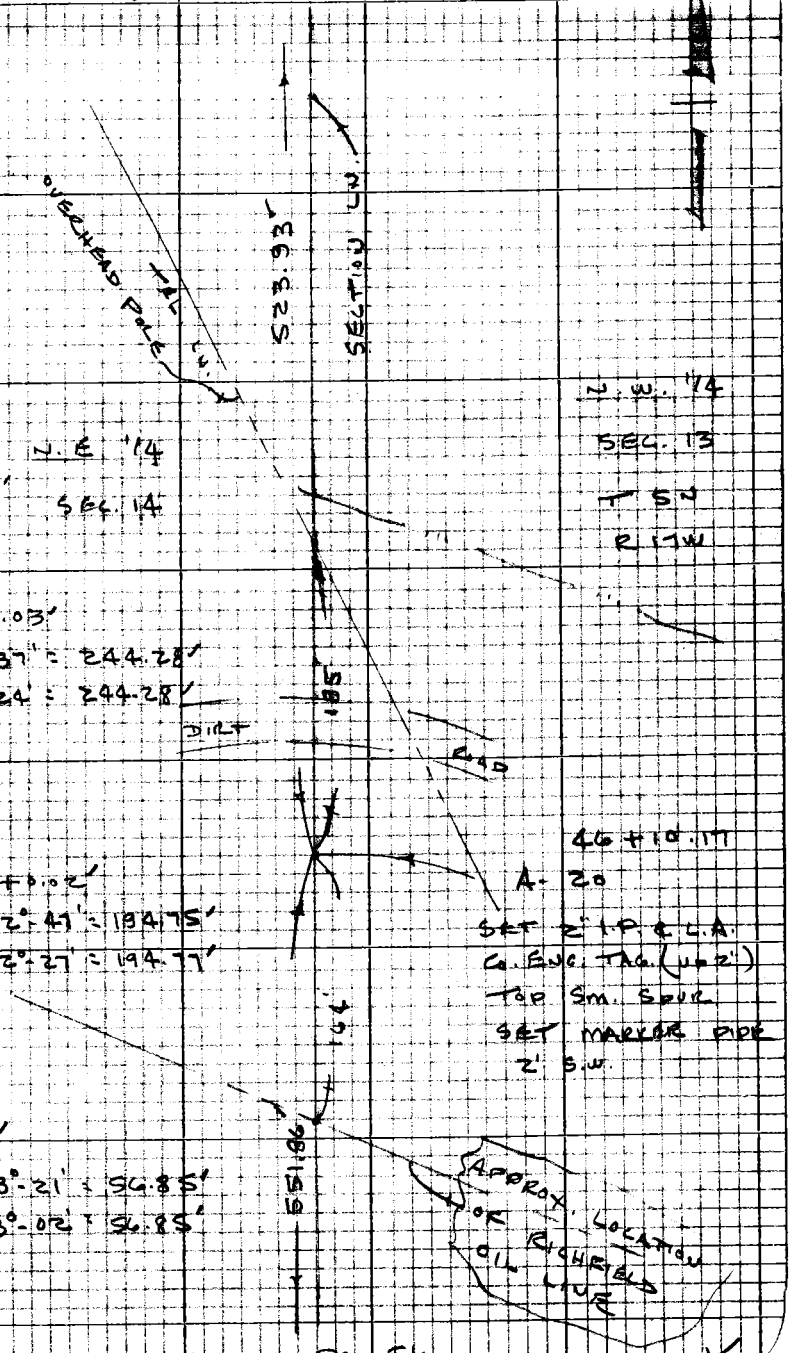
Notes Ck'd by [illegible]	Survey of SEC 13 T5N R17W	F.B. 3454 Pg. 57
Map No.	[illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date [illegible]	
Date	Indexed T. M. PALMERI [illegible] 23 [illegible]	

SECTION LN.

TO BOTTOM OF PG. 58



27.99'
244.31'
194.78'
56.85'
523.93'

T-100° = 0'
27.99 LEV

T-100° = +0.03'
251.35 @ 13°-37' = 244.28'
251.12 @ 13°-24' = 244.28'

T-100° +0.02'
211.23 @ 22°-47' = 194.75'
210.74 @ 22°-27' = 194.77'

T-94° = 0'
58.43 @ 13°-21' = 56.85'
58.35 @ 13°-02' = 56.85'

TO TOP OF PG. 56

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76P3096 CE #310 8-66

To Bottom of Pg. 73

F.B. 3454 Pg. 58

90°-38-20 ①
02-32-40 ④
183-49-20 ⑥
90°-38'-13" Ⓐ'

90-06-00 ①
360-24-20 ④
180-36-20 ⑥
90°-06-03 Ⓐ'

SET 1x2 EN. ON LN. PROD. FROM SOUTH

SET 1x2 EN. ON LN. PROD. FROM EAST

900' ±

90°-38'-13"
90°-06'-03"
827.37'
89°-53'-57" (CALC.)
0+00 (NORTH)
255.98'

53 + 39.51 NORTH
SECTION CORNER

COUNTY SURVEYOR
T5N
11 | 12
14 | 13
SEC. COR
R.E. 2177

FD. L.A. CO. SUR. MON.
(UP 2") ON SM. SIDE
HILL - C.S.B. 1226
SET MARKER PIPE

205.41'

SECTION LN

N.E. 1/4
SEC. 14

T-96° = +0.01'
117.10 @ 15°-48' = 112.68'
117.36 @ 16°-4' = 112.68'

T-96° = +0.01'
95.25 @ 13°-16' = 92.71'
95.09 @ 12°-51' = 92.71'

112.69'
92.72'
205.41'

N.W. 1/4
SEC. 13
T5N
R17W

51 + 34.10
A-21
SET 2" I.P. & L.A. CO. ENG. TAC (UP 2")
TOP SM. SPUR.
SET MARKER PIPE 2' S.W.

523.93'

To Bottom of Pg. 69

To Top of Pg. 57

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SECTION LN.

Notes Ck'd by C. R. GOR	Survey of SEC 14 T5N R17W	F.B. 3454 Pg. 59
Map No.	[illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 10-3-69	
Date	Indexed T. M. PALMERI AUG 23	

EAST 1/2

OF

SOUTH LINE

OF

SECTION 14

T 5N R 17W

C.S.B. 1226

J.P. MENNE

J.A. MOODY

R.R. RODRIGUEZ

R. MASSEY

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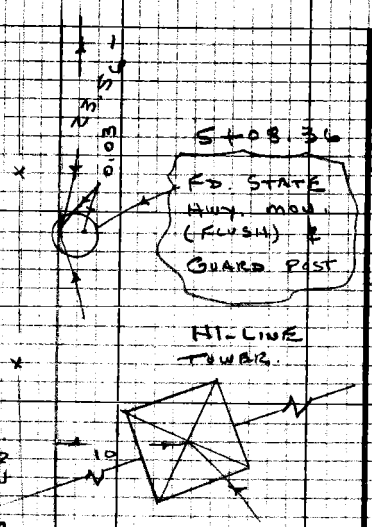
403 Los Angeles County Engineering Bldg.

76P3098 CE #310 8-68

TO BOTTOM OF PG. 61

F.B. 3454 Pg. 60



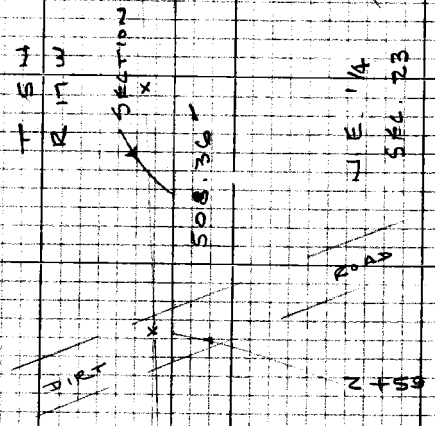
T-84°=0'
23.56 LEV.

101.68'
147.35'
259.33'
508.36'

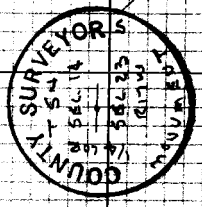
T-84°=0'
101.68 LEV. = 101.68'

T=84°=0'
147.70 @ 3°-52' = 147.36'
147.64 @ 3°-34' = 147.35'

T-84°=0'
259.67 @ 2°-55' = 259.33'
259.63 @ 2°-41' = 259.34'



0+00 EAST
1/4 SECTION CORNER
FD. L.A. Co. SUR. MON.
(UP 2') AND (2)
MARKER PIPE
C.S.B. 1226



WS 17 C-4

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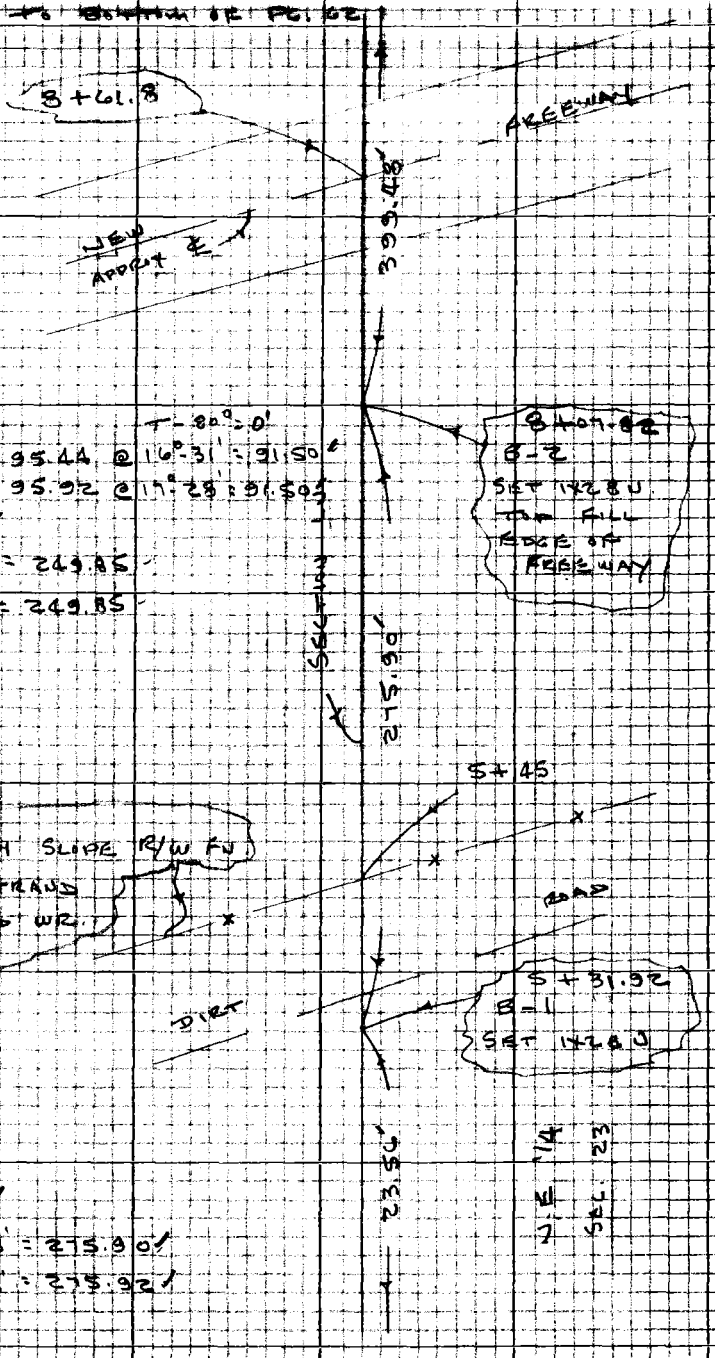
SECTION LN.

Notes Ck'd by C. R. [illegible]	Survey of SEC. 14 T5N R14W	F.B. 3454 Pg. 61
Map No.	[illegible]	
Office Work	Surveyed by J. P. MEUNE	
Checked	Notes J. P. M. Date [illegible]	
Date	Indexed T. M. PALMERI [illegible] 23 71	

TO BOTTOM OF PG. 62



91.50
249.84
58.14
399.48

T-80° = 0'
95.44 @ 16°-31' = 91.50
95.92 @ 17°-28' = 91.50

T-80° = -0.01'
266.20 @ 20°-11' = 249.85
265.74 @ 19°-55' = 249.85

T-80° = 0
58.14 LEV.

S.E. 1/4
SEC. 14
T 5 N
R 17 W

T-78° = -0.01'
293.39 @ 19°-53' = 275.90
293.07 @ 19°-42' = 275.92

S.E. 1/4
SEC. 23

TO TOP OF PG. 60

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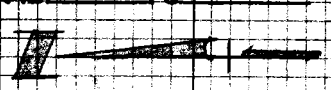
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CK #310 8-66

To Bottom of Pg. 63

F.B. 3454 Pg. 62



T-86° = 0'

52.90 LEV.

212.09 @ 7°-09' = 210.44 ✓
212.22 @ 7°-25' = 210.44 ✓

295.46 @ 14°-55' = 285.50 ✓
295.78 @ 15°-09' = 285.50 ✓

75.71 @ 11°-59' = 74.06 ✓
75.98 @ 12°-54' = 74.06 ✓

52.90'
210.44'
285.50'
74.06'
622.90'

SECTION LN.

622.90'

19+42

16+40.41
B-4
SET 2" I.P.
& L.A. Co. Eng.
TAG (UP 2')
& SET MARKER
PIPE 2' S.W.
TOP SPUR

T-86° = 0

22.42 LEV.

81.00 @ 10°-57' = 79.52 ✓
80.82 @ 10°-14' = 79.53 ✓

229.98 @ 2°-44' = 229.72 ✓
230.03 @ 2°-57' = 229.72 ✓

101.45 LEV.

22.42'
79.52'
229.72'
101.45' DIRT ROAD
433.11'

433.11'

N.E. 1/4
SEC. 23

B-3
12+07.30
SET P.M. & CROSS ON MON.

0.05

FD. P.M.

FD. STATE HWY. MON. (FLUSH) & GUARD POST EDGE OF BREAK

S.E. 1/4
SEC. 14
T 5 N
R 1 W

399.48'

To Top of Pg. 61

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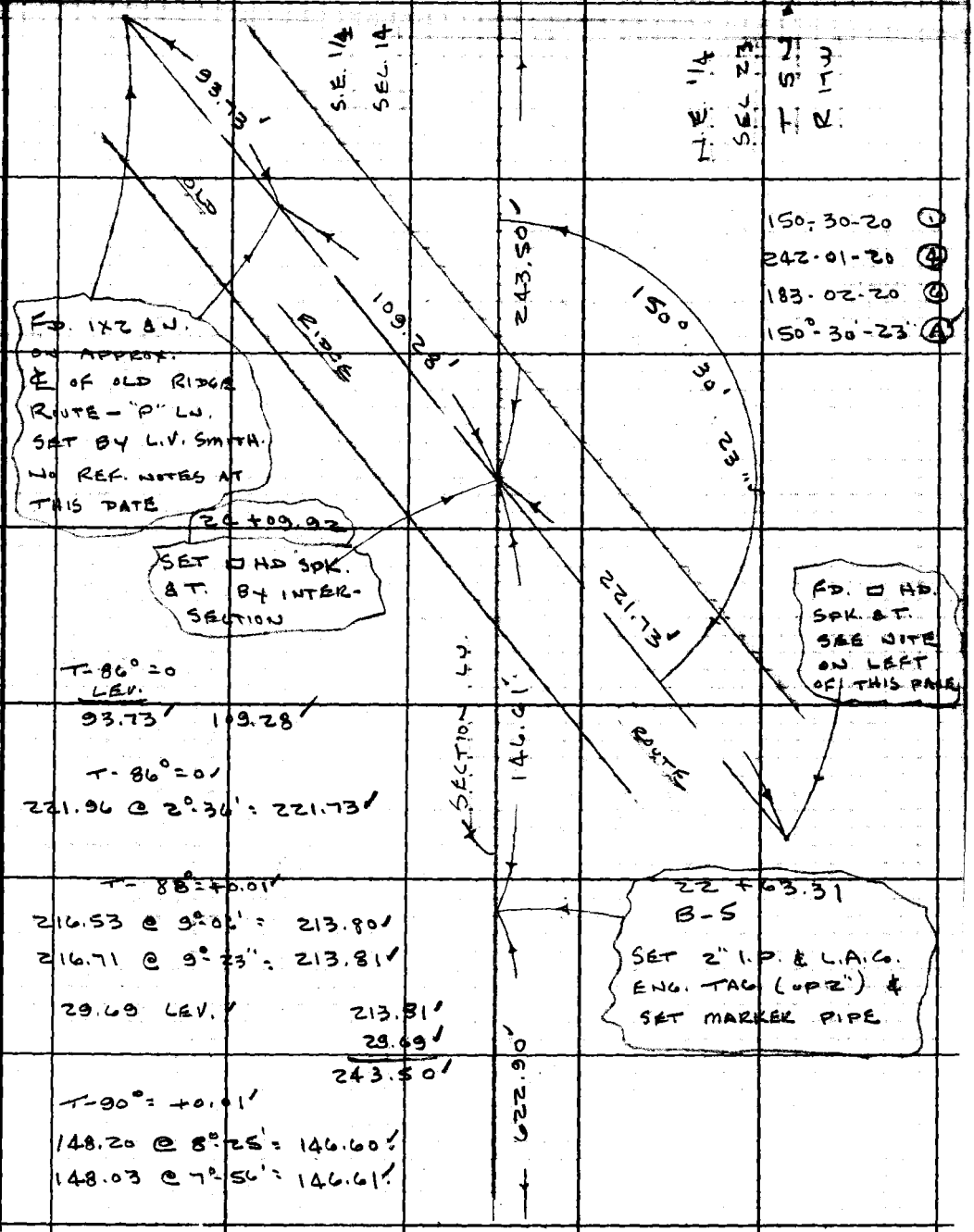
SECTION LN

Notes Ck'd by	Survey of SEC 14 T5N R17W
Map No.	JN [illegible] Tape 213 Std [illegible]
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 10-7-69
Date	Indexed T. M. PALMERI [illegible] 23 '71

F. B. 3454 PG. 65

TO BOTTOM LEFT OF PG. 50



T-86° = 0
LEV.
93.73' 109.28'

T-86° = 0'
221.96 @ 2°-36' = 221.73'

T-88° = +0.01'
216.53 @ 9°-06' = 213.80'
216.71 @ 9°-23" = 213.81'
29.69 LEV.

213.81'
29.69'
243.50'

T-90° = +0.01'
148.20 @ 8°-25' = 146.60'
148.03 @ 7°-56' = 146.61'

TO TOP OF PG. 62

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76F3095 CE#310 1-65

F.B. 3454 PG. 64

WEST 1/2 OF SOUTH LINE

OF SEC. 13 T 5N R 17W

TO BOTTOM OF PG. 65

T-92° = 0'

58.96 LEV'

T-92° = +0.02'

299.27 @ 17°-17' = 285.76'

298.86 @ 17°-01' = 285.78'

T-92° = +0.02'

294.74 @ 1°-49' = 294.59'

294.77 @ 2°-03' = 294.58'

T-92° = 0'

89.20 @ 7°-13' = 88.49'

89.08 @ 6°-36' = 88.49'

T-80° = 0'

76.51 @ 7°-08' = 75.92'

76.36 @ 6°-09' = 75.92'

T-80° = -0.01'

232.47 @ 9°-43' = 229.13'

232.38 @ 9°-35' = 229.14'

T-86° = 0'

227.78 @ 2°-57' = 227.48'

227.73 @ 2°-44' = 227.47'

S.W. 1/4 SEC. 13 T 5 N R 17 W

285.79'

294.60'

88.49'

668.88'

75.92'

229.12'

227.47'

532.51'

58.96'

668.88'

532.51'

SECTION LN.

N.W. 1/4 SEC. 24

12+01.39
<-2
SET 1X2 B.W. EDGE OF TIP OF SPUR.

5+32.51
<-1
SET 2" I.P. & L.A. CO. ENG. TAG. (UP 2") ON SM. SPUR - SET MARKER PIPE 2' N.E.

TO RIGHT BOTTOM OF PG. 50

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SECTION LN.

Notes Ck'd by	Survey of SEC. 13 T5N R17W
Map No.	JN [illegible] Tape 213 [illegible] °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 10-8-69
Date	Indexed T. M. PALMERI AUG 23 71

F. B. 3454 PG. 65

W.S.77 #-5

26+69.76

COUNTY SURVEYORS
T5N R17W
SEC. 13 + SEC. 24
1/4 COR.

FD. L.A. Co. SUR. MON. (DN. 2") C.S.B. 1226 F.B. 3454-16 SET MARKER PIPE

1/4 SECTION COR.

F.B. 3454-16 (CALC.) 934.72'

N.W. 1/4 SEC. 24

S.W. 1/4 SEC. 13 T5N R17W

290.21'
122.84'
61.64'
474.69'

17+35.04
C-4
FD. 2" I.P. & L.A. Co. ENG. TAC. (UP 2") & FD. MARKER PIPE TOP SPUR.
F.B. 3454-16

T-94° = +0.02'
293.59 @ 8°-44' = 290.18'
293.76 @ 8°-56' = 290.20'

T-94° = +0.01'
128.75 @ 17°-26' = 122.84'
129.16 @ 18°-02' = 122.82'

T-92° = 0'
63.63 @ 14°-21' = 61.64'
63.46 @ 13°-45' = 61.64'

474.69'

SECTION LN.

12+60.35
C-3
FD. 2" I.P. & L.A. Co. ENG. TAC. (UP 2") TOP RIDGE
F.B. 3454-16
SET MARKER PIPE 2' N.

58.96'

TO TOP OF PG. 64

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76F309S CE#310 1-65

TO BOTTOM OF PG. 67

F.B. 3454 PG 66

NORTH 1/2 OF EAST LINE OF SEC. 23 T5N R17W

T-80° = 0
23.69 LEV.

T-80° = -0.01

224.06 @ 12°-24' = 218.83
223.83 @ 12°-07' = 218.84

T-80° = -0.01

272.25 @ 4°-56' = 271.24
272.32 @ 5°-04' = 271.26

T-72° = -0.02

298.81 LEV. = 298.79

T-70° = -0.03

293.58 @ 24°-26' = 267.29
294.02 @ 24°-37' = 267.30

T-70° = -0.02

240.27 @ 19°-47' = 226.09
240.08 @ 19°-40' = 226.08

23.69
218.82
271.24
298.79
812.54

812.54

3' @ STRAND BARBED WR FN

SECTION LN.

267.26
226.06
493.32

4 + 93.32
D-1
SET 2" I.P. & L.A. CO. ENG. TAG (UP 2") @ TOP OF BLUFF
SET MARKER PIPE

N.E 1/4
SEC. 23

0+00 NORTH
1/4 SECTION COR.

493.32

N.W. 1/4
SEC. 24
T 5N
R 17W

SET L.A. CO. ENG. MON. (UP 2") ABOVE FD L.A. CO. SUR. MON.
SET MARKER PIPE 3' N.W.

COUNTY ENGINEER R17W T5N SEC. 23 SEC. 24 1/4 COR R.E. 5869

1/4 SECTION COR.

COUNTY SURVEYOR'S T5N 1/4 COR 23 24 R17W MONUMENT

FD L.A. CO. SUR. MON. (DN. 38") NEAR TOE OF SLOPE ON FN. LN.
C.S.B. 1226

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SECTION LN.

Notes Ck'd by [illegible]	Survey of SEC. 23 T 5N R 17W
Map No.	JN [illegible] Tape 213 Sta. [illegible]
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 10-15-69
Date	Indexed T. M. PALMERI AUG 23 71

F. B. 3454 PG. 69

TO BOTTOM OF PG. 68

T-68° = -0.02 ✓
223.77 @ 10°-34' = 219.97 ✓
223.85 @ 10°-39' = 219.99 ✓

N.E. 1/4
SEC. 23

T-68° = -0.01 ✓
116.71 @ 6°-29' = 115.96 ✓
116.53 @ 5°-43' = 115.95 ✓

T-68° = -0.01 ✓
61.48 LEV.

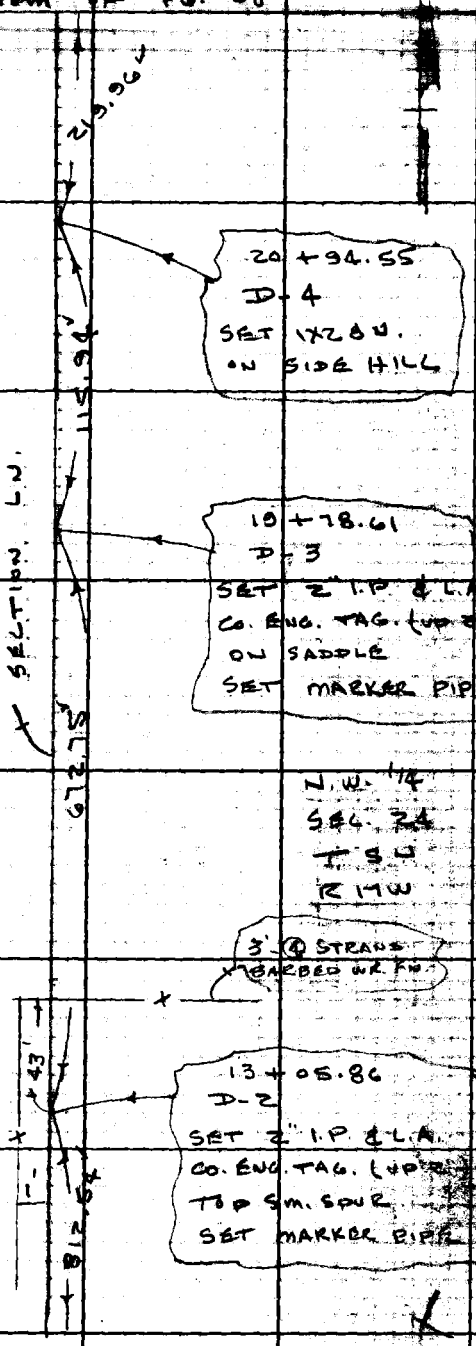
61.48 ✓
191.57 ✓
78.12 ✓
297.18 ✓
44.40 ✓
672.75 ✓

T-68° = -0.02
192.03 @ 3°-51' = 191.60 ✓
191.95 @ 3°-32' = 191.59 ✓

T-68° = -0.01 ✓
81.70 @ 17°-00' = 78.13 ✓
82.00 @ 17°-40' = 78.13 ✓

T-80° = -0.01 ✓
297.23 @ 0°-55' = 297.19 ✓

T-80° = 0
44.40 LEV. ✓



20 + 94.55
D-4
SET 1X2 BN.
ON SIDE HILL

19 + 78.61
D-3
SET 2" I.P. & L.A.
CO. ENG. TAG. (UP 2")
ON SADDLE
SET MARKER PIPE

N.W. 1/4
SEC. 24
T 5N
R 17W

3' @ STRAND
BARBED WR. FN.

13 + 05.86
D-2
SET 2" I.P. & L.A.
CO. ENG. TAG. (UP 2")
TOP SM. SPUR
SET MARKER PIPE

TO TOP OF PG. 66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
75F309S CE#310 1-65

26+30.01

TO BOTTOM OF PG. 50

F.B. 3454 PG. 68

WS 77 A-6

T-76°20
LEVEL

93.10 ✓ 77.20 ✓
45.78 ✓ 32.27 ✓

96°-19'-00" ①
25-16.40 ④
217-55.20 ⑥
96°-19'-13" Ⓐ ✓

25+05.55
D-7
SET □ HD. SPK. & T. BY INTER-SECTION

FD. 2" I.P. & L.A.Co. ENG. TAG. (DN. 6") FUTURE NOTES BY L.V. SMITH

96°-19'-13"

124.46

32.27

45.78

77.20

93.10

OLD RIDGE ROUTE

FD. □ HD SPK. & T. BY L.V.S.

FD. RAILROAD SPK. (DN. 1")

FD. 1X2 & N. (FLUSH) BY L.V.S.

130.15

SECTION LN.

N.W. 1/4
SEC. 24
T 5N
R 17W

N.E. 1/4
SEC. 23

T-74° = -0.01 ✓
124.92 @ 4°-51' = 124.47 ✓
124.83 @ 4°-22' = 124.47 ✓

23+75.40
D-6
SET 1X2 & N. ON SIDE HILL

60.89

T-72° = 0 ✓
48.30 @ 16°-27' = 46.32 ✓
48.01 @ 15°-15' = 46.32 ✓

T-72° = -0.01 ✓
88.38 @ 18°-27' = 83.84 ✓
88.69 @ 19°-02' = 83.84 ✓

46.32 ✓
83.83 ✓
130.15

23+14.51
D-5
SET 1X2 & N. ON SIDE HILL

219.96

T-68° = -0.01 ✓
62.88 @ 14°-24' = 60.90 ✓
62.51 @ 13°-02' = 60.90 ✓

TO TOP OF PG. 67

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SECTION LN.

Notes Ck'd by [illegible]	Survey of SEC. 13 T 5N R 17W	F.B. 3454 Pg. 69
Map No.	[illegible] Date 2-13 [illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P. MENNE Date 10-20-69	
Date	Indexed T. M. PALMERI AUG 23 71	

WEST 1/2 OF NORTH LN. OF SEC. 13 T 5N R 17W

TO BOTTOM OF PG. 70

T-80° = -0.01 ✓

294.84 @ 9°-35' = 290.72 ✓

294.76 @ 9°-29' = 290.73 ✓

T-80° = 0 ✓

135.53 @ 22°-20' = 125.36 ✓

135.27 @ 22°-04' = 125.36 ✓

T-80° = 0 ✓

92.92 @ 25°-25' = 83.93 ✓ 290.71 ✓

92.70 @ 25°-07' = 83.93 ✓ 125.36 ✓

83.93 ✓

89.01 ✓

589.01 ✓

T-80° = 0 ✓

96.73 @ 23°-03' = 89.01 ✓

97.18 @ 23°-40' = 89.01 ✓

589.01

4 + 17.89
E-3
SET 1X2 EN.
ON SIDE HILL

3 + 43.61
E-2
SET 1X2 EN.
ON SIDE HILL

T-72° = -0.01 ✓

78.22 @ 18°-14' = 74.29 ✓

78.54 @ 18°-56' = 74.29 ✓

T-72° = -0.01 ✓

89.22 @ 10°-48' = 87.64 ✓

89.37 @ 11°-17' = 87.64 ✓

S.W. 1/4
SEC. 12

87.63

SECTION LN.

N.W. 1/4
SEC. 13
T 5N
R 17W

2 + 55.98
E-1
SET 2" I.P. & L.A.G.
ENG. TAG (UP 2")
ON SM. SPUR
SET MARKER PIPE

146.48 ✓

109.50 ✓

255.98 ✓

T-74° = -0.01 ✓

146.97 @ 4°-37' = 146.49 ✓

147.10 @ 5°-13' = 146.49 ✓

T-74° = -0.01 ✓

110.46 @ 7°-29' = 109.52 ✓

110.33 @ 6°-59' = 109.51 ✓

255.98

TO TOP RIGHT OF PG. 58

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76P3098 CE #310 8-66

F.B. 3454 Pg. 70

Cont Bott. Pg. 71

WEST ½ OF NORTH LN. OF SEC. 13

T5N R17W

T = 84° = 0'

297.37 @ 11°-58' = 290.91'
297.55 @ 12-08 = 290.90' = 290.90'

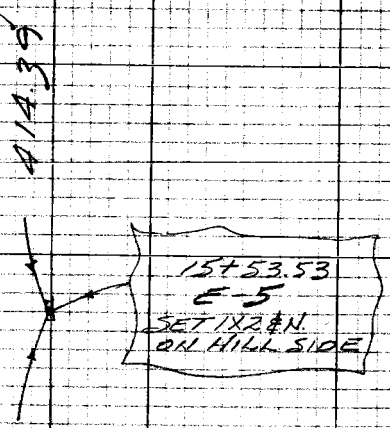
T = 84° = 0'

106.23 @ 19°-36' = 100.07'
105.92 @ 19-07 = 100.08' = 100.07'

T = 84° = 0'

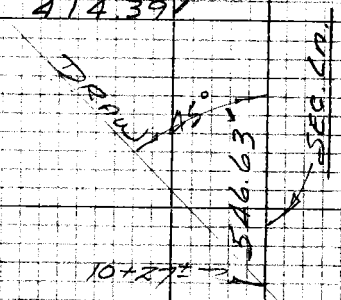
23.42 @ LEV = 23.42' = 23.42'

414.39'



S.W. ¼
SEC. 12

N.W. ¼
SEC. 13



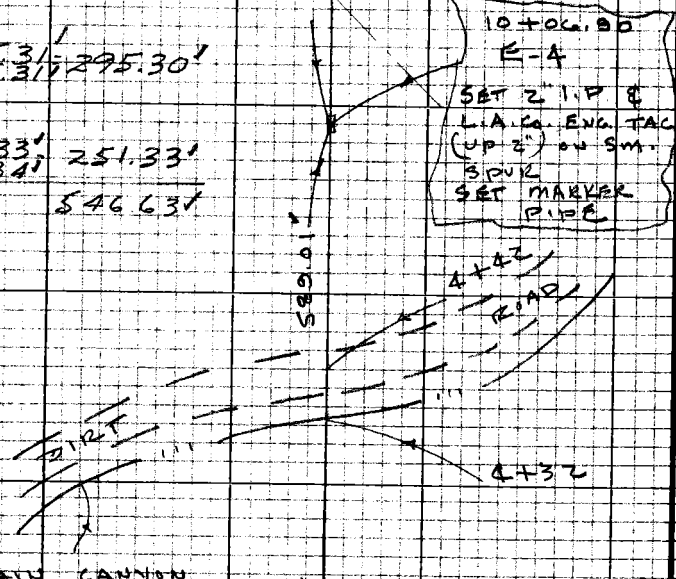
T = 78° = -0.01'

297.25 @ 6-33 = 295.31'
297.32 @ 6-40 = 295.31' = 295.30'

T = 80° = 0' - 0.01

268.73 @ 20°-44' = 251.33'
268.54 @ 20-37 = 251.34' = 251.33'

546.63'



TO TOP OF PG. 69

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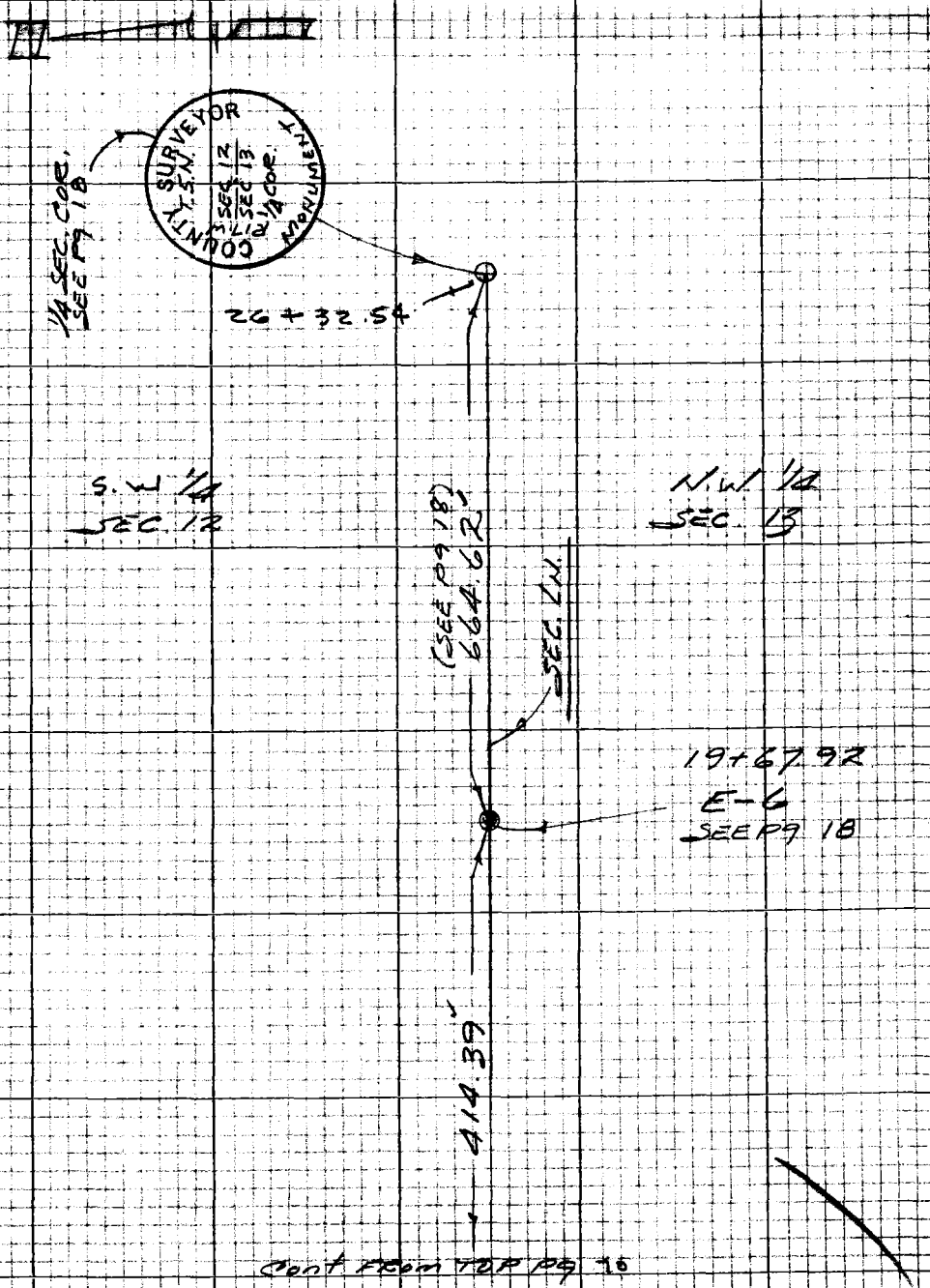
SEC 13 T5N. R17W

Notes Ck'd by [illegible]	Survey of SECTION LINE	F.B. 3454 Pg. 71
Map No.	[illegible] 109 [illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes MOODY Date 10-27-[illegible]	
Date	Indexed T. M. PALMERI AUG 23 '77	

W5.77 A-4



Cont FROM TOP PG 16

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76P3098 CK #310 8-66

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F.B. 3454 Pg. 77

SECTION LN

Notes Ck'd by	Survey of SEC. 12 T5N R17W
Map No.	JN0302.01 Tape 213 Std 84 °F
Office Work	Surveyed by J.P MENNE
Checked	Notes J.P.M Date 11-69
Date	Indexed T. M. PALMERI AUG 23 '7

F. B. 3454 PG. 73

WEST LINE OF SEC. 12 T5N R17W

TO BOTTOM OF PG. 74

T-70° = -0.03'
292.75 @ 1°-49' = 292.60'
292.79 @ 1°-59' = 292.61'

292.57'

SECTION LN

S.E. 1/4
SEC. 11

8 + 27.37
F-1
SET 1X2 E.W.
TOP SM. SPUR

T-72° = 0'
50.59 @ 13-28 = 49.20'
50.41 @ 12-33 = 49.21'

49.20'

T-72° = -0.01'
181.18 @ 26°-59' = 161.58.46
181.47 @ 27°-05' = 161.57

0
161.56

827.37

4'-3 STRAND BARBED WIRE FN. APPROX 3' FROM LN

S.W. 1/4
SEC. 12
T5N
R17W

T-70° = -0.01'
104.71 @ 16°-41' = 100.30'
104.95 @ 17°-07' = 100.30'

100.29'

T-74° = -0.02'
230.92 @ 14°-14' = 223.83'
231.29 @ 14°-34' = 223.85'

223.82'

60° E

1 + 65

T-74° = -0.02'
293.42 @ 4°-29' = 292.52'
293.36 @ 4°-19' = 292.53'

292.50'
827.37

TO TOP OF PG. 58

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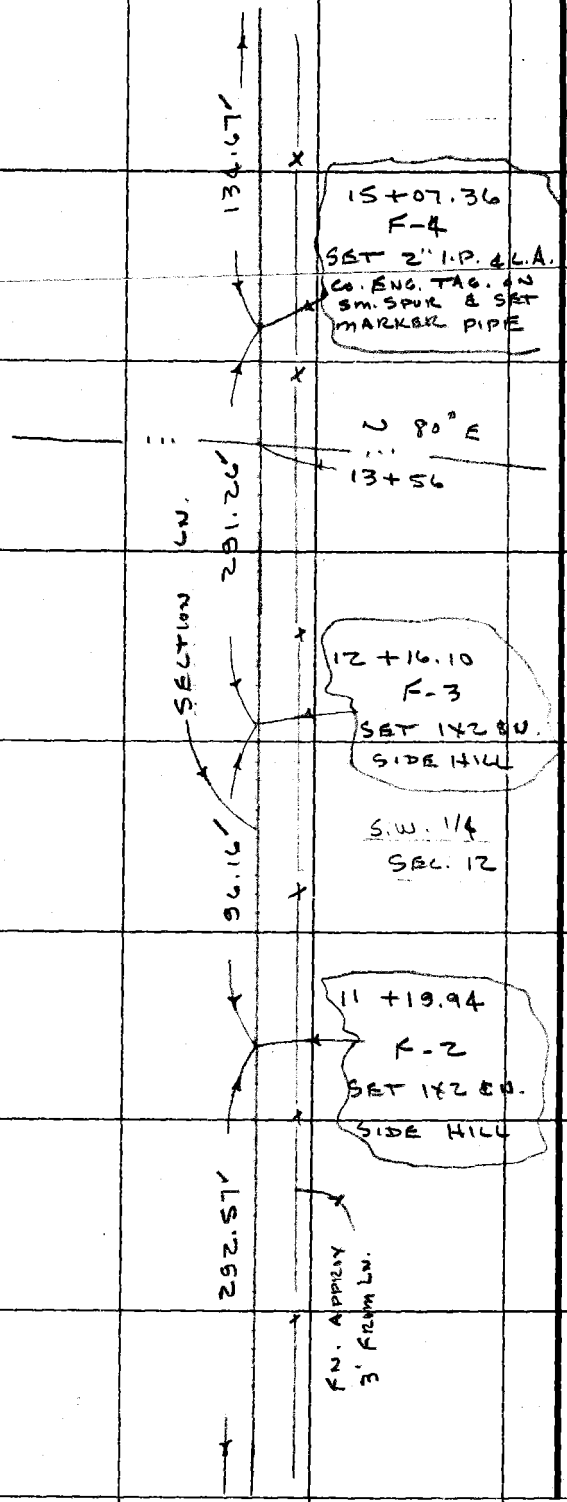
76F309S CE#310 3-68

TO BOTTOM OF PG. 75

F. B. 3454 PG. 74



S.E. 1/4
SEC. 11
T 5 N
R 17 W

T-72° = -0.01'
135.56 @ 6°-33' = 134.67'
135.46 @ 6°-06' = 134.69'

T-72° = -0.02'
291.29 @ 0°-31' = 291.28'

T-70° = -0.01'
96.90 @ 7°-01' = 96.17'
96.79 @ 6°-29' = 96.17'

TO TOP OF PG. 73

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SECTION LN

Notes Ck'd by C. R. [illegible]	Survey of SEC. 12 T5N R17W
~~Map No.~~	JN 0302-01 Tape 213 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J. Pm Date 11-69
Date	Indexed T. M. PALMERI AUG 23 '71

F. B. 3454 PG. 75

TO BOTTOM OF PG. 76

132.44
38.33
145.02
315.79

T-60° = -0.02
133.03 @ 5°-18' = 132.46
133.12 @ 5°-41' = 132.47

T-60° = -0.01
38.34 LEV. = 38.33

T-60° = -0.02
147.73 @ 10°-57' = 145.04
147.59 @ 10°-39' = 145.05

S.E. 1/4
SEC. 11

T-60° = -0.02
106.44 @ 19°-06' = 100.58
106.86 @ 19°-45' = 100.57

T-74° = -0.02
294.52 LEV. = 294.50

100.55
294.50
395.05

315.79
SECTION LN.
395.05
134.67

20 + 37.08
F-6
SET 1X2 8 N.
SIDE HILL

S.W. 1/4
SEC. 12
T5N
R17W

18 + 40
DIRT GATE
ROAD

17 + 70
S 80° E

16 + 42.03
F-5
SET 1X2 8 N.
SIDE HILL

FN. MEANDERS
ALONG SEC. LN.

TO TOP OF PG. 74

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76F3095 CE#310 3-68

TO BOTTOM OF PG. 77

F. B. 3454 PG. 76

WS 77 A-4

SEC. 11

SECTION LN.

89.44

299.24

26+65.33

1/4 SECTION COR.

COUNTY ENGINEER
R17W T5N
SEC. 11 SEC. 12
1/4 COR
R.E. 5869

SEC. 12

T5N

R17W

SET L.A.Co. ENG. MON. (UP 2") @ MID-POINT BETWEEN FOUND SECTION CORNERS TO THE NORTH & SOUTH - SET MARKER PIPE 2' N.E. - SIDE HILL

SEARCHED FOR 4X4 POST NOTHING FD. C.S. 9028-3

209.80

S 60° E

FN. APPROX 3' WEST OF LN

102.66

24+55.53
F-8
SET 1X2 8N.

T-70° = -0.01'

91.62 @ 12°-30' = 89.45'

91.89 @ 13°-14' = 89.45'

T-74° = -0.01'

210.09 @ 2°-58' = 209.81'

210.07 @ 2°-51' = 209.81'

23+52.87
F-7
SET 1X2 8 N.
SIDE HILL

T-64° = -0.04'

299.29 @ 0°-24' = 299.28'

315.79

T-60° = -0.02'

102.68 LEV. = 102.66

TO TOP OF PG. 75

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SECTION LN.

Notes Ck'd by E. R. GOS	Survey of SEC. 12 T5N R17W
Map No.	JN 0302.01 Tape 213 Std 84 °F
Office Work	Surveyed by J. P. MANNE
Checked	Notes J.P.M Date 11-69
Date	Indexed T. M. PALMERI AUG 23 '71

F. B. 3454 PG. 77

TO BOTTOM OF [illegible]

N.E. 1/4
SEC. 11

FN. 3' APPROX FROM LN.

N.W. 1/4
SEC. 12
T5N
R17W

T-80° = 0'
111.99 LEV. = 111.99

T-80° = 0'
93.93 @ 7°-52' = 93.05'
94.10 @ 8-35 = 93.05'

T-80° = -0.01'
294.38 @ 2°-10' = 294.17'
294.42 @ 2°-22' = 294.17'

111.99'
93.05'
294.16'

T-80° = 0'
158.51 @ 1°-41' = 158.44'
158.49 @ 1°-23' = 158.44'

158.44'
296.81'
39.11'
993.56'

T-80° = -0.01'
297.12 @ 2°-32' = 296.83'
297.08 @ 2°-25' = 296.82'

T-80° = 0
39.11 LEV.'

T-64° = -0.01'
53.77 LEV = 53.76'

SECTION LN.

993.56

35+00

28+08.53
F-10
SET 2" I.P. & L.A.
CO. ENG. TAC. ON
SIDE HILL &
SET MARKER PIPE
5' EAST.

53.76

27+94.77
F-9
SET 1X2 BN
SIDE HILL

89.44'

299.24'

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76F309S CE#310 3-68

F. B. 3454 PG. 78

WS. 17 C-4, WS. 77 A-4

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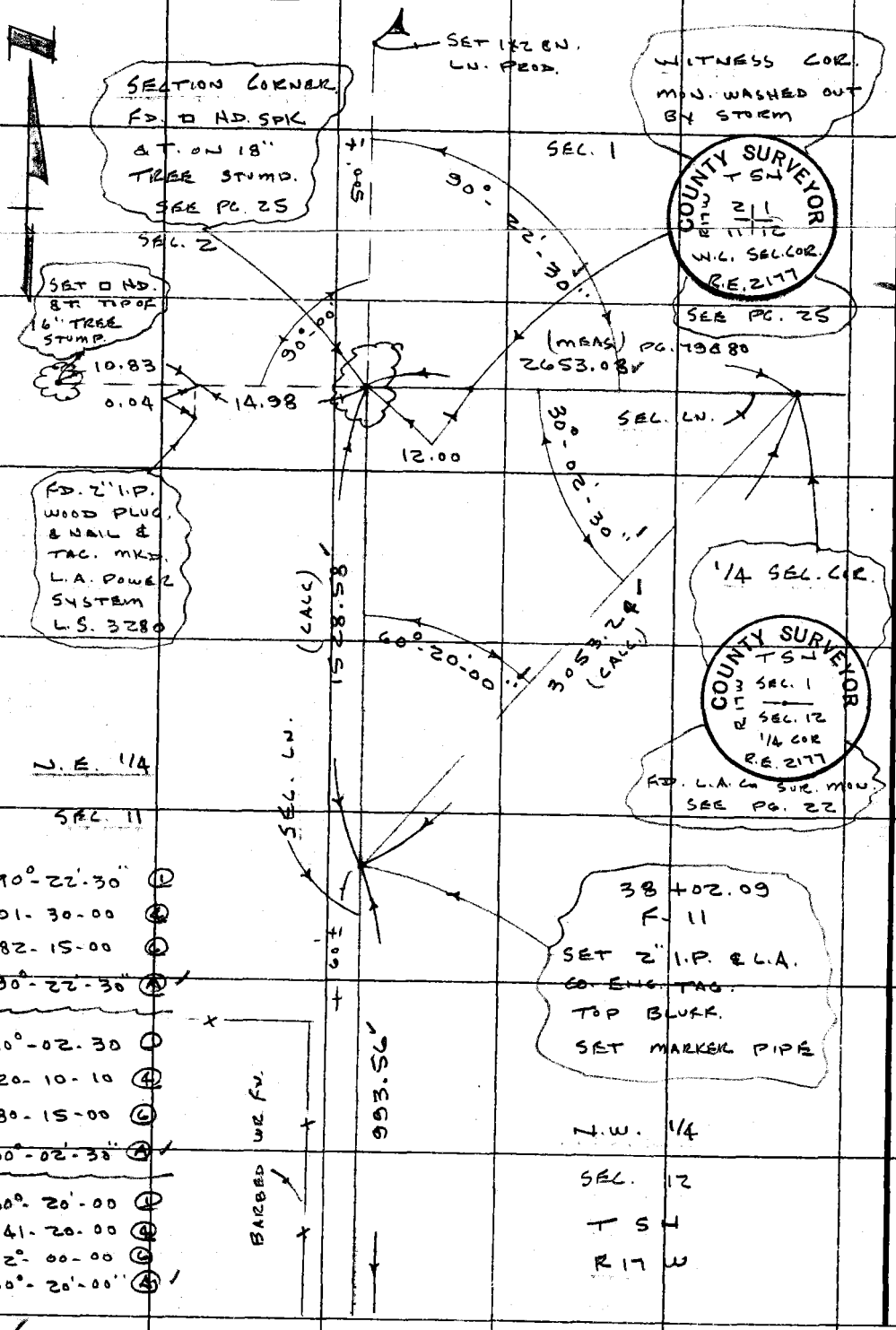

SECTION LN.

Notes Ck'd by G. R. GOSS	Survey of SEC 12 T5N R17W
Map. No.	JN 0302.01 Tape 213 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 11-69
Date	Indexed T. M. PALMERI AUG 23 '71

F. B. 3454 PG. 79

TO BOTTOM OF PG. 80

T-68° = -0.02'
170.73 @ 17°-52' = 162.50'
170.45 @ 17°-34' = 162.50'

T-68° = -0.09'
877.16 LEV. = 877.07

T-66° = -0.02'
173.23 @ 3-22 = 172.93'
173.21 @ 3°-10' = 172.94'

T-60° = -0.01'
88.57 @ 11°-05' = 86.92'
88.72 @ 11°-33' = 86.92'

162.48'
877.07'
172.91'
86.91'
1299.37'

S.W. 1/4 SEC. 1

1299.37

9 + 11.30
G-2
SET 1X28N.

349.79

SECTION LN.

N.W. 1/4 SEC. 12 T5N R17W

5 + 61.51
G-1
SET 1X28N.

T-82° = 0'
349.79 LEV.'

T-82° = 0'
264.92 @ 5°-09' = 263.85'
265.02 @ 5°-23' = 263.85'

T-72° = -0.02'
297.90 @ 2°-13' = 297.68'
297.94 @ 2°-22' = 297.69'

263.85'
297.66'
561.51'

561.51

CALC.
1528.58'

TO TOP OF PG. 78

SECTION CORNER.
FD. ☐ HD. SPK. &
T. ON 18" TREE
STUMP.
SEE PG. 25 & 78

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76F309S CE#310 3-68

F. B. 3454 PG. 80

W5.77, A-4

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FD. C.S. MON. - C.S.B. 122
SEE PG. 22 & 78

COUNTY SURVEYOR
T 5 N
SEC. 1
SEC. 12
1/4 COR
R.E. 2177
R 17 W

1/4 SEC. COR

SEC. LN.

26 + 53.08

30°-02.30'
PG. 78

S.W. 1/4
SEC 1

442.41'

22 + 10.67
CH. PT.
SET 1X2 &
P.M.

1299.37'

N.W. 1/4
SEC. 12
T 5 N
R 17 W

T-82°=0'
51.24 LEV.'

T-82°=0'
74.34 @ 14°-55' = 71.83'
74.50 @ 15°-22' = 71.84'

51.24'
71.83'
73.09'
246.25'
442.41'

T-82°=0'
79.41 @ 23-01' = 73.09'
79.71 @ 23°-31' = 73.09'

T-82°=0'
271.38 @ 24°-51' = 246.25'
271.74 @ 25°-01' = 246.25'

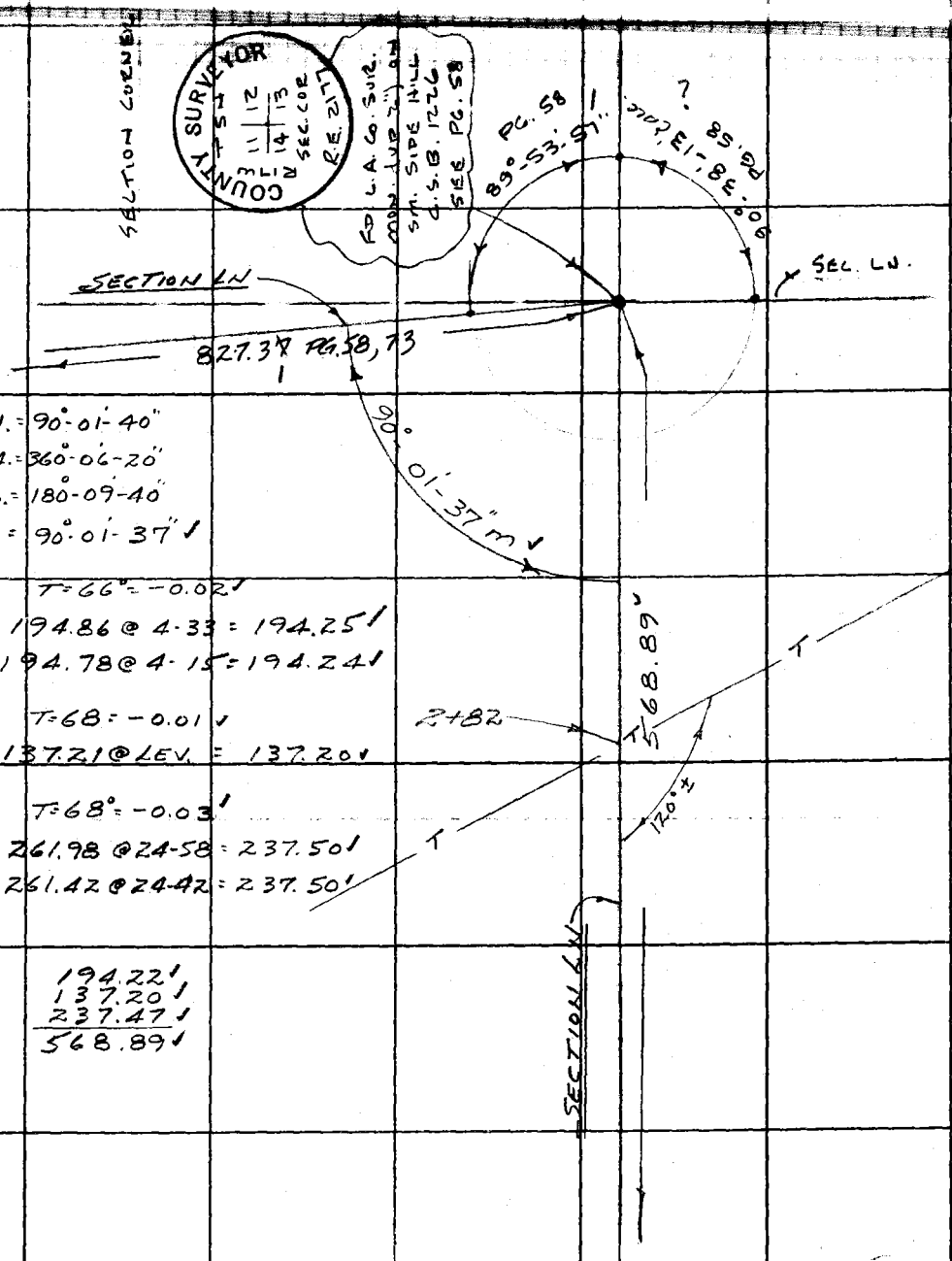
TO TOP OF PG. 79

SECTION LN.

Notes Ck'd by [illegible]	Survey of SEC. 11 T5N R19W
Map No.	IN 0302-01 Tape 213 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 12-69
Date	Indexed T. M. PALMERI AUG 23 '71

F. B. 3454 PG. 81

WS 7 A-4



1. = 90°-01'-40"
4. = 360°-06'-20"
6. = 180°-09'-40"
A = 90°-01'-37" ✓

T=66° = -0.02 ✓
194.86 @ 4-33 = 194.25 ✓
194.78 @ 4-15 = 194.24 ✓

T=68 = -0.01 ✓
137.21 @ LEV. = 137.20 ✓

T=68° = -0.03 ✓
261.98 @ 24-58 = 237.50 ✓
261.42 @ 24-42 = 237.50 ✓

194.22 ✓
137.20 ✓
237.47 ✓
568.89 ✓

TO TOP OF PG 82

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76F309S CE#310 3-68

TO Bottom OF PG 81

F. B. 3454 PG 82

568.89'

5+68.89
H-1
SET 1½" & N.

S.E. 1/4
SEC. 11
T5N
R17W

DIRT — GATE — RD.

6+00

164.56'

N.E. 1/4
SEC. 14

T = 68° = -0.02'

144.45 @ 20.58 = 134.89'
144.69 @ 21-11 = 134.91'

T = 68° 0

29.68 @ LEV. = 29.68'

134.88'
29.68'
164.56'

7+33.45
H-2
SET 2" IP. & L.A.CO.ENG. TAG ON SPUR & SET MARKER PIPE

T = 52° = -0.04'

88.59 @ LEV.
104.10 @ "
192.69'

192.65'

TO TOP PG 83

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SECTION LN

Notes Ck'd by	Survey of SEC. 11 T5N R17W
Map No.	Type 213
Office Work	Surveyed by J P MENNE
Checked	Notes MOODY Date 1-70
Date	Indexed T. M. PALMERI AUG 23 '71

F.B. 3454 PG. 83

S.E. 1/4
SEC. 11
T5N
R17W

192.65'

9+26.10
H-3
SET 1X2 & H

SECTION LN

108.54'

NE 1/4
SEC. 14

T=52°=-0.02'

111.57 @ 13-21 = 108.56'
111.46 @ 13-06 = 108.56'

10+34.64
H-4
SET 2" IP & LA. CO. ENG. TAG ON TOP OF BLUFF W/ MARKER PIPE

T=52°=-0.05'

227.00 @ 15-42 = 218.53'
226.96 @ 15-40 = 218.53'

T=52°=-0.06'

293.44 @ 19-30 = 276.61'
293.16 @ 19-20 = 276.63'

4 STAND BARB. W. FEM.

495.04'

218.48'
276.56'
495.04'

TO 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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

75F3098 CE#310 9-67

F.B. 3454 Pg 84

To Bottom Pg 83

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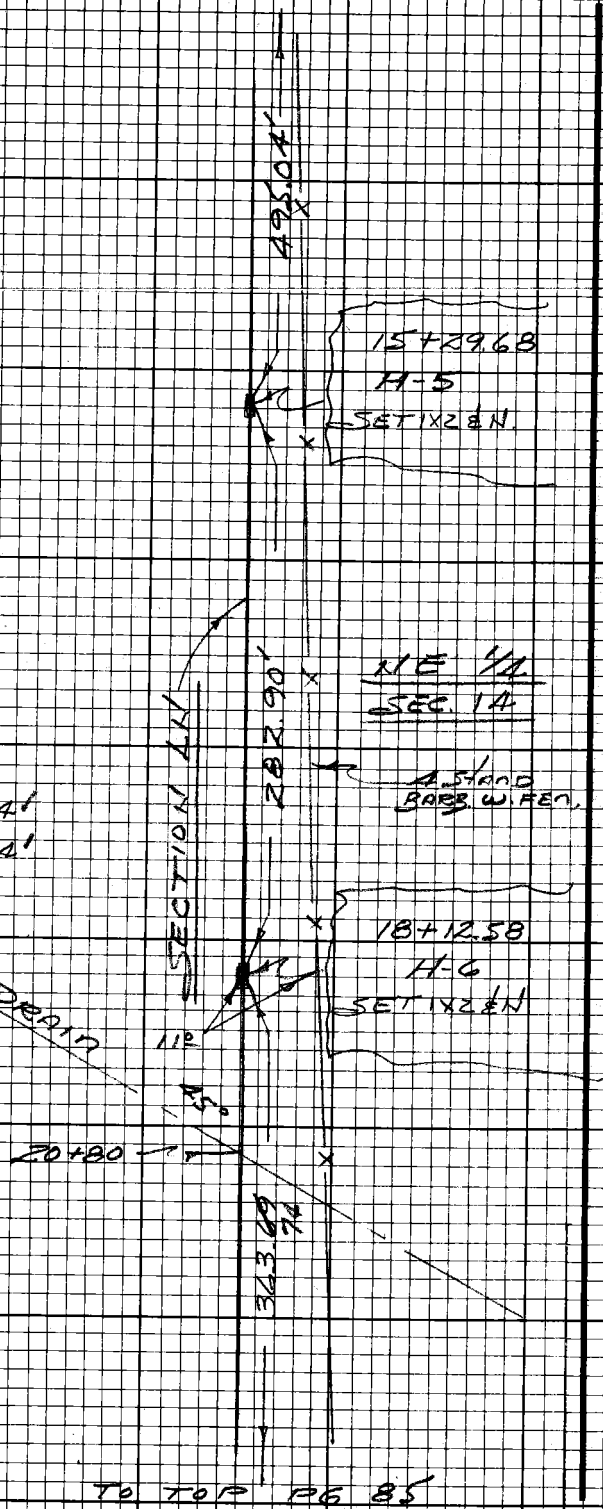
S.E. 1/4
SEC 11
T 5 N
R 17 W

T = 64° - 0.04'
291.58 @ 13-59 = 282.94'
291.37 @ 13-49 = 282.94'

T = 64° - 0.02'
140.30 @ 6-50 = 139.30'
140.29 @ 6-31 = 139.29
.38

T = 64° - 0.03'
224.80 @ 3-08 = 224.46'
224.85 @ 3-28 = 224.44'

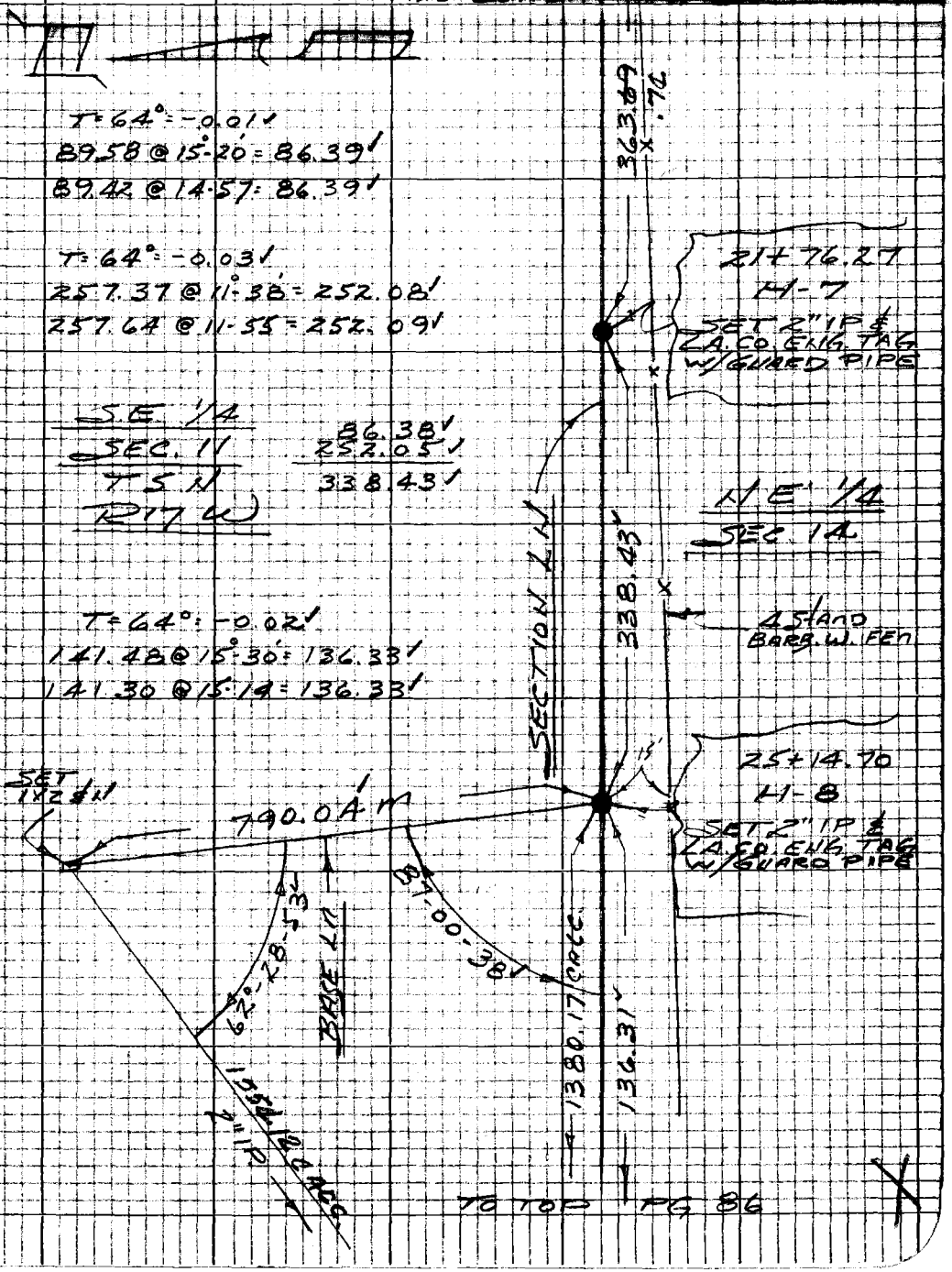
139.38
224.92
363.69
.74



To Top Pg 85

SECTION LN.

Notes Ck'd by S. R. [illegible]	Survey of SEC. 11 T5N R17W	F.B. 345A Pg. 85
Map No.	[illegible]	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes MOODY Date 1-70	
Date	Indexed T. M. PALMERI MC 23	



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CK #310 5-66

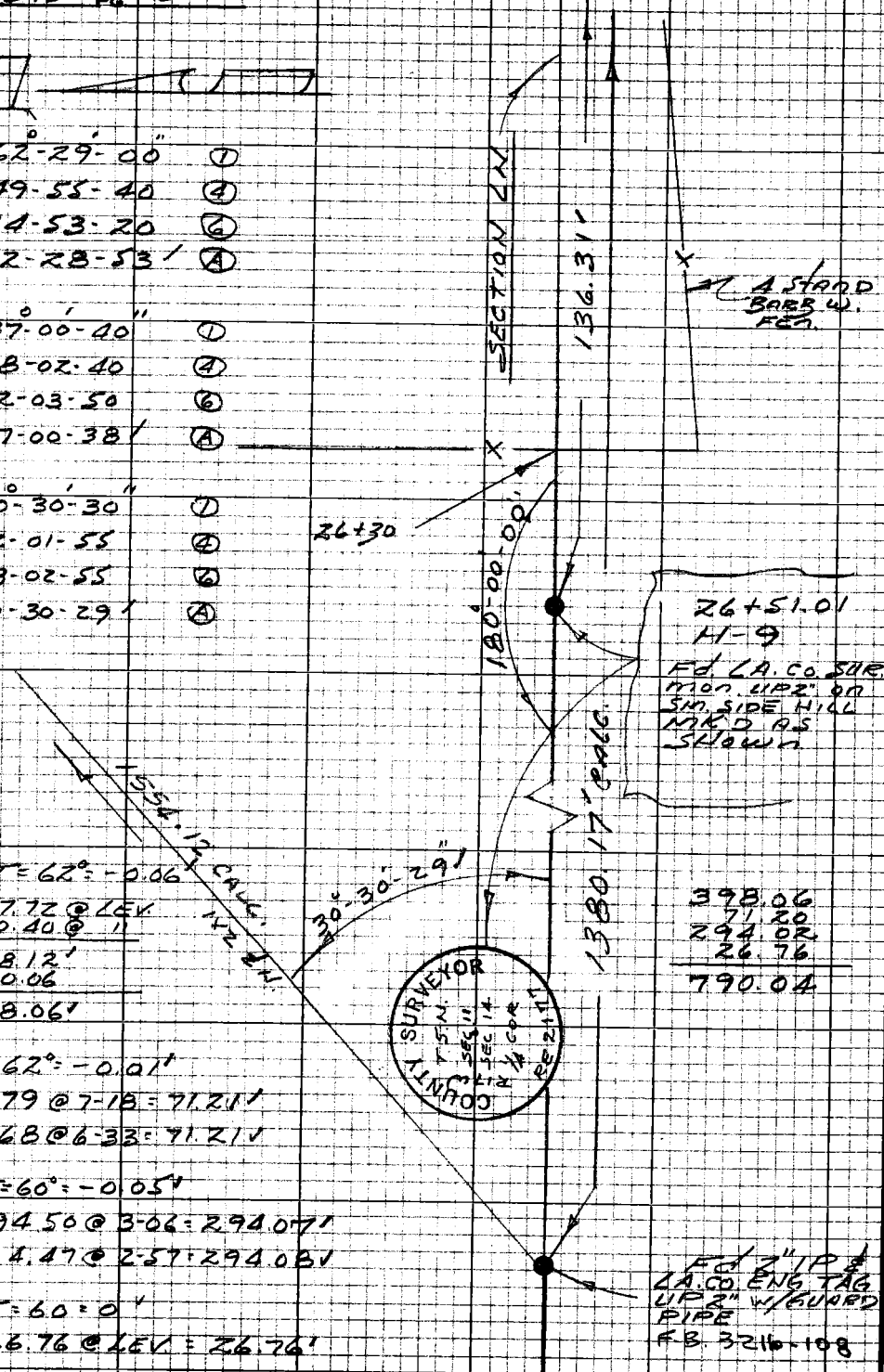
F.B. 3454 Pg. 86

TO BOTTOM PG 85

62°-29'-00" ①
249-55-40 ④
14-53-20 ⑥
62-28-53 Ⓐ

87°-00'-40" ①
348-02-40 ④
162-03-50 ⑥
87-00-38 Ⓐ

30°-30'-30" ①
122-01-55 ④
183-02-55 ⑥
30-30-29 Ⓐ



T=62°=-0.06'
157.72 @ LEV.
240.40 @ "
398.12'
-0.06
398.06'

T=62°=-0.01'
71.79 @ 7-18 = 71.21'
71.68 @ 6-33 = 71.21'

T=60°=-0.05'
294.50 @ 3-06 = 294.07'
294.47 @ 2-57 = 294.08'

T=60=0'
26.76 @ LEV = 26.76'

398.06
71.20
294.02
26.76
790.04

W.S. 17 C-4

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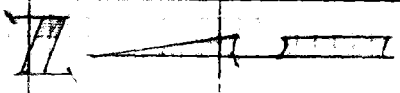
Notes Ck'd by C. R. [illegible]
Map No.
Office Work
Checked
Date

Survey of Section Line
JN 030201 Tape Std 3[illegible] °F
Surveyed by J P MENNE
Notes MOODY Date 1-70
Indexed T. M. PALMERI AUG 23 '71

F. B. 3454 PG. 87



FROM H-8 to H-9
T=54°=-0.01'
34.52 @ LEV.

T=54°=-0.04'
213.22 @ 12-18 = 208.32'
213.36 @ 12-28 = 208.33'

T=54°=-0.06'
299.13 @ 3-23 = 298.61'
299.06 @ 3-06 = 298.62'

T=54°=-0.02'
99.66 @ 3-02 = 95.53'
99.62 @ 2-36 = 95.52'

T=54°=-0.02'
91.91 @ 16-59 = 87.90'
91.68 @ 16-30 = 87.90'

T=54°=-0.06'
293.91 @ LEV

T=50°
193.20 @ LEV. = -0.04'

T=50°=-0.02'
82.61 @ LEV.

34.51'
208.28'
298.55'
95.50'
87.88'
293.85'
193.16'
82.59'
1294.32'

SEE PG. 26

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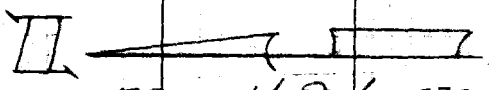
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S CE#310 3-68

F. B. 3454 PG. 88



FROM H-9 to SEC. COR.

T = 56° = -0.03'
184.21 @ 11-58 = 180.21 V
184.35 @ 12-12 = 180.19 V

T = 56° = -0.05 V
294.36 @ 7-20 = 291.95 V
294.43 @ 7-25 = 291.97 V

T = 56° = -0.02'
116.49 @ 13-31 = 113.26'
116.71 @ 13-56 = 113.28'

T = 56° = -0.05'
259.71 @ 10-13 = 255.59 V
259.89 @ 10-28 = 255.57 V

T = 56° = -0.03'
142.38 @ 13-50 = 138.25 V
142.29 @ 13-42 = 138.24 V

T = 56° = -0.01'
68.65 @ 6-18 = 68.24'
68.56 @ 5-35 = 68.23 V

T = 56° = -0.02'
104.65 @ 6-12 = 104.04'
104.76 @ 6-42 = 104.04'

180.17 V
291.91 V
113.25'
255.53'
138.21 V
68.22 V
104.02 V
1151.31 V

SEE PG. 26

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SECTION LINE

Notes Ck'd by [illegible]	Survey of SEC 34 T6N R17W	F. B. 3454 PG. 89
Map No.	JN [illegible] Tape: [illegible]	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M Date 12-70	
Date	Indexed T. M. PALMERI [illegible] 23 '71	

EAST LINE

OF

SECTION 34

T 6N

R 17 W

RE-SETTING OF EAST 1/4 CORNER

REF

C.S.B. 1606

J.P. MENNE

J.A. MOODY

W.J. DIETZ

J.J. MC DONOUGH

X

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76F309S CE#310 3-69

TO BOTTOM OF PG. 91

F. B. 3454 PG. 90

296.00
297.29
593.29

T-62° = -0.04
298.83 @ 7-49 = 296.05
298.61 @ 7-31 = 296.04

T-62° = -0.04
300.13 @ 7-50 = 297.33
300.01 @ 7-40 = 297.33

T-62° = -0.03
188.48 @ 10-44 = 185.18
188.15 @ 10-11 = 185.19

T-62° = -0.01
67.18 @ 11-08 = 65.92
67.45 @ 12-13 = 65.92

185.15
65.91
251.06

SEC. 34

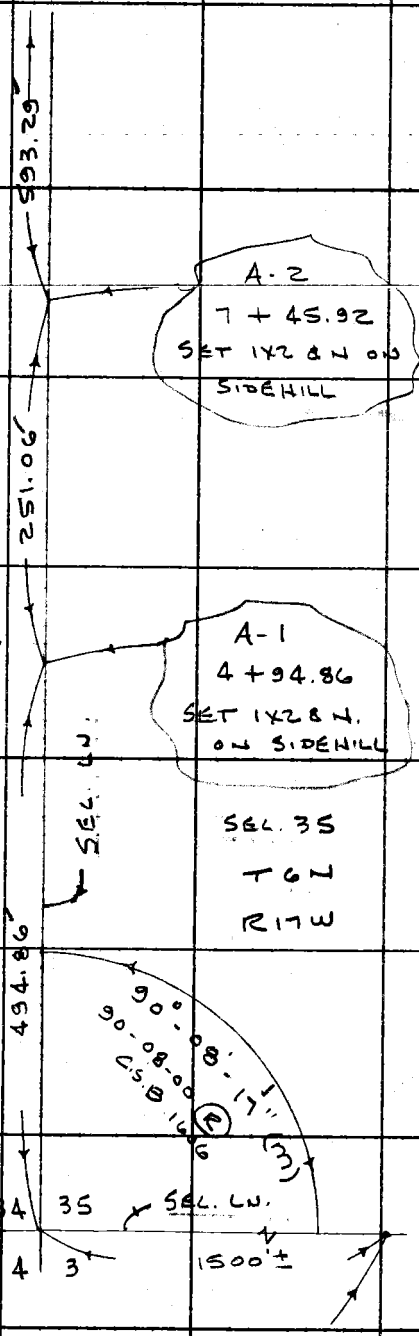
T-62° = -0.01
103.30 @ 17-28 = 98.54
103.01 @ 16-57 = 98.54

T-62°
396.39 LEV. = 396.33

98.53
396.33
494.86

90-08-20 (1)
360-33-00 (4)
180-49-40 (6)
90°-08'-17" (A)

SECTION CORNER



COUNTY SURVEYOR
T6N
R17W
34 | 35
4 | 3
SEC. COR
T5N
R.E. 2177

FD. L.A. CO. SUR. MON. (UP 4") & MARKER PIPE 2' EAST.
C.S.B. 1606
F.B. 512-190

FD. 2" I.P. & L.A. C. ENG. TAG. & MARKER PIPE -
F.B. ____
PG.
SET BY L.V. SMITH

M-17 C-3

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SECTION LINE

Notes Ck'd by C. R. GOD	Survey of SEC 34 T6N R17W	F. B. 3454 PG. 91
Map No.	JN 0302.01 Tape 8 Std 84 °F	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J. P. M. Date 12-70	
Date	Indexed T. M. PALMERI AUG 23 '71	

74.69
245.95
243.86
564.50

T-62° = -0.01
76.36 @ 11-58 = 74.70
76.70 @ 13-06 = 74.70

T-62° = -0.04
255.88 @ 15-59 = 245.99
255.65 @ 15-48 = 245.99

T-62° = -0.04
244.84 @ 5°-00' = 243.91
244.65 @ 4°-30 = 243.90

S.E. 1/4
SEC. 34

142.06
43.99
299.64
485.69

T-62° = -0.02
144.24 @ 9-56 = 142.08
143.90 @ 9-08 = 142.08

T-62° = -0.01
45.68 @ 15-35 = 44.00
45.27 @ 13-36 = 44.00

T-62° = -0.04
300.96 @ 5°-18' = 299.67
300.86 @ 5°-03' = 299.69

564.50'
SEC. LN.
485.69'
593.29'

S.W. 1/4
SEC. 35
T6N
R17W

A-4
18 + 24.90
SET 1X2 8N.
ON SIDE HILL

A-3
13 + 39.21
FD. 1 1/2" I.P. &
L.S. 3041

TO TOP OF PG. 90

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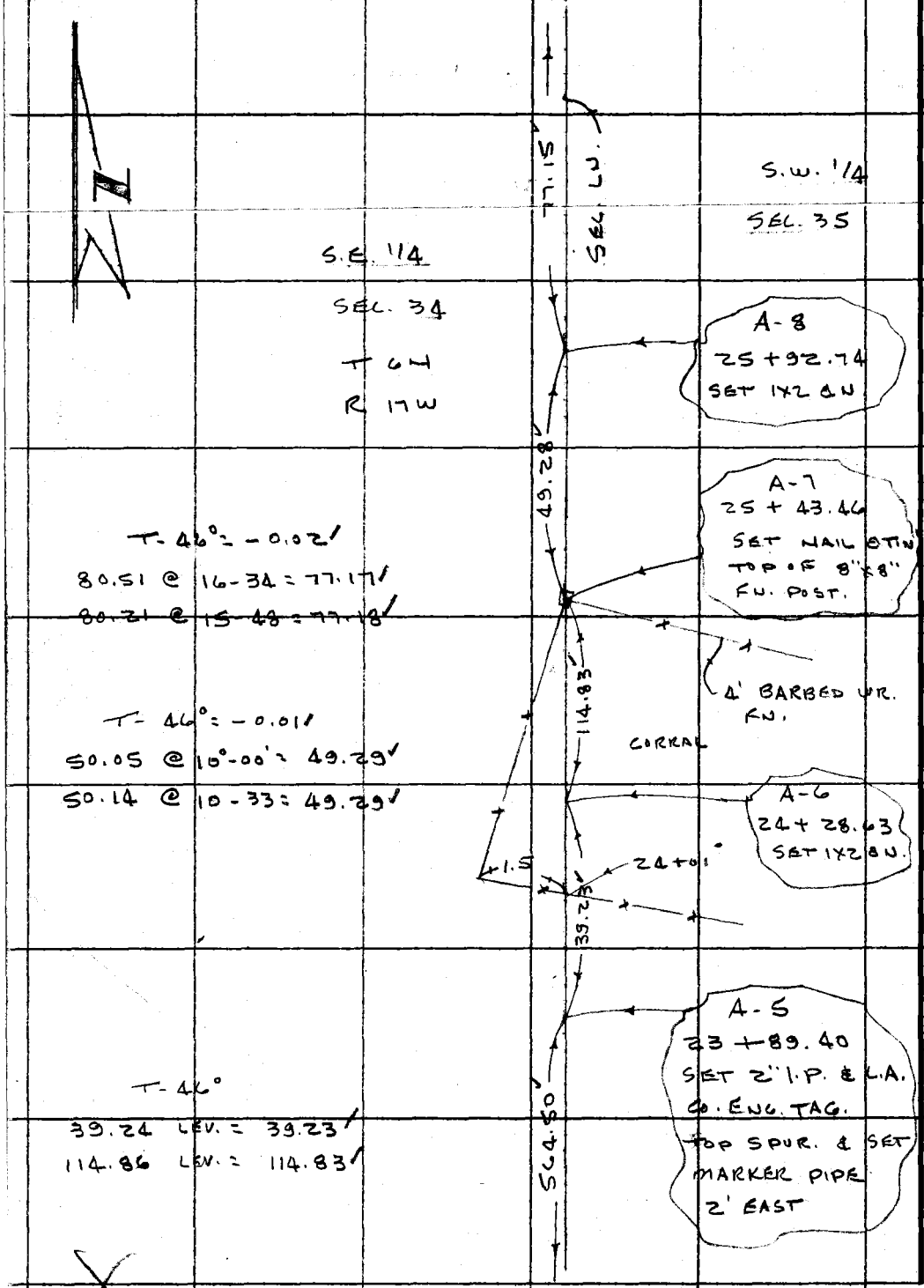
76F309S CE#310 3-69

TO BOTTOM OF PG. 93

F. B. 3454 PG. 92



T-46° = -0.02'
80.51 @ 16-34 = 77.17'
80.21 @ 15-48 = 77.18'

T-46° = -0.01'
50.05 @ 10°-00' = 49.29'
50.14 @ 10-33 = 49.29'

T-46°
39.24 LEV. = 39.23'
114.86 LEV. = 114.83'

TO TOP OF PG. 91

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SECTION LINE

Notes Ck'd by C. R. [illegible]	Survey of SEC 34 T6N R17W
Map No.	JN [illegible] Topo. 8 Sec. 34
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 12-70
Date	Indexed T. M. PALMERI AUG 23 '71

F. B. 3454 PG. 93

WITNESS CORNER

WIT. COR. COUNTY ENGINEER R17W SEC. 34 77 FT. SEC. 35 1/4 COR. R.E. 5869

SET L.A. CO. ENG. MON. (UP 2") ON SIDE HILL @ 77.00' NO. OF 1/4 COR. SET MARKER PIPE 2' S.E.

11.07'

68.04'

56.97'

SEC. LN

T-46°: -0.02'
60.13 @ 18.36 = 56.99'
60.29 @ 19.02 = 56.99'

T-46° = -0.02'
73.73 @ 22.36 = 68.07'
73.40 @ 21.59 = 68.06'

A-10
26+98.13

26+78.10

SEC. 34
T 6N
R 17W

20.03'

SEC. 35

COUNTY SURVEYOR R17W SEC. 34 T6N SEC. 35 1/4 COR R.E. 2177

28.24'

T-46°
28.25 LEV. = 28.24'
T = 48° = 0
8.21 LEV.
20.03 LEV.

C.S.B. 1606

1/4 SECTION CORNER

FD. L.A. CO SUR. MON. LEANING WESTERLY

RE-SET FD. MON. @ MID-POINT BETWEEN FD. SEC. CORS. TO THE NORTH AND SOUTH. SET MARKER PIPE 2' S.E. NEAR BOTTOM OF DRAW

8.21'

A-9
26+69.89
SET 1X2 BN.

77.15'

TO TOP OF PG. 92

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76F309S CE#310 3-69

TO BOTTOM OF PG. 95

F.B. 3454 PG. 94

296.20'
134.47'
430.67

T-54° = -0.06'
298.48 @ 6-59 = 296.27'
~~298.34 @ 6-46 = 296.26'~~

T-54° = -0.03'
135.88 @ 8-10 = 134.50'
135.68 @ 7-33 = 134.50'

SEC. 34

T-46° = -0.04'
170.42 @ 4-23 = 169.92'
170.33 @ 3-59 = 169.92'

T-46° = -0.02'
84.45 @ 8-28 = 83.53'
84.31 @ 7-48 = 83.53'

T = 46° = -0.01'
45.48 @ 12-57 = 44.32'
45.71 @ 14-11 = 44.32'

T = 46°
11.09 LEV = 11.09'

83.51'
44.31'
127.82'

430.67'

A-13
30+63.87
SET 1½ B.N.
TOP SPUR

169.88'

SEC. LN.

SEC. 35
T 6N
R. 17W

A-12
28+93.99
SET 1½ B.N.
ON SPUR

127.82'

A-11
27+66.17
SET 1½ B.N.
SIDE HILL

11.09'

68.04'

TO TOP OF PG. 93

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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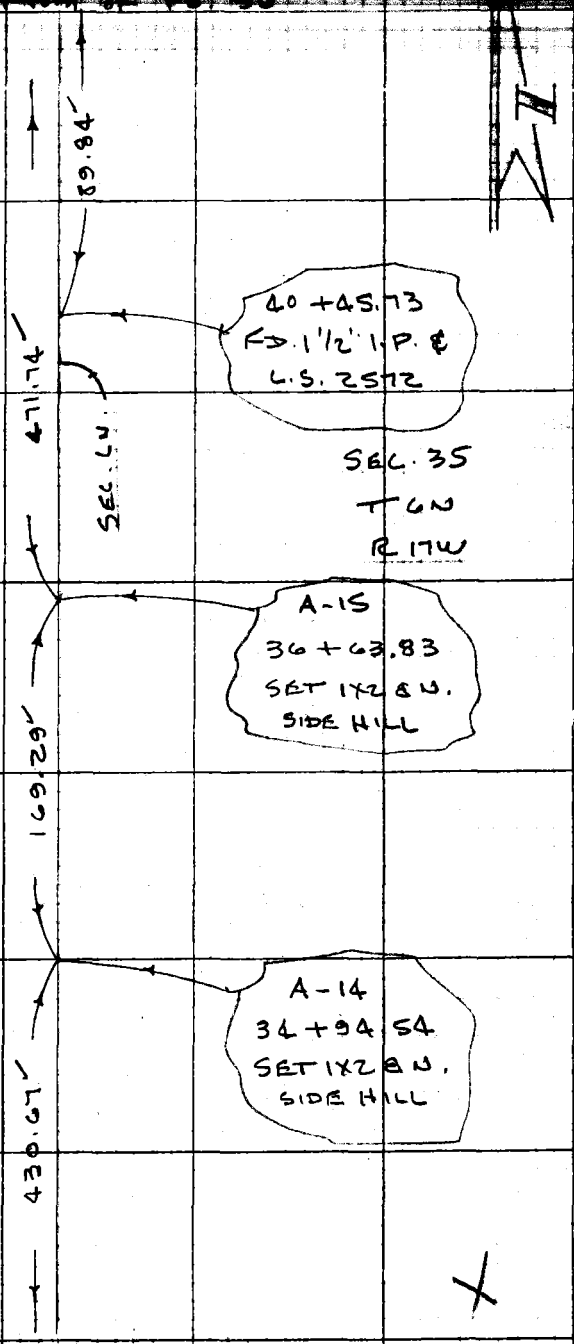
SECTION LINE

Notes Ck'd by R. R. GOS	Survey of SEC 34 T6N R17W	F. B. 3454 PG. 95
Map No.	JN 0302.01 Topo. 8 Sht. 84 of	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J.P.M. Date 12-70	
Date	Indexed T. M. PALMERI AUG 23 '71	



T. 54 = -0.02'

94.58 @ 18-09 = 89.87'

94.30 @ 17-39 = 89.86'

SEC. 34

184.86'
286.88'
471.74'

T. 54° = -0.04'

190.24 @ 13-36 = 184.91'

189.87 @ 13-08 = 184.90'

T. 54° = -0.06'

287.23 @ 2-34 = 286.94'

287.32 @ 2-55 = 286.95'

T = 54° = -0.03'

169.79 @ 4-15 = 169.32'

169.91 @ 4-43 = 169.33'

TO TOP OF PG. 94

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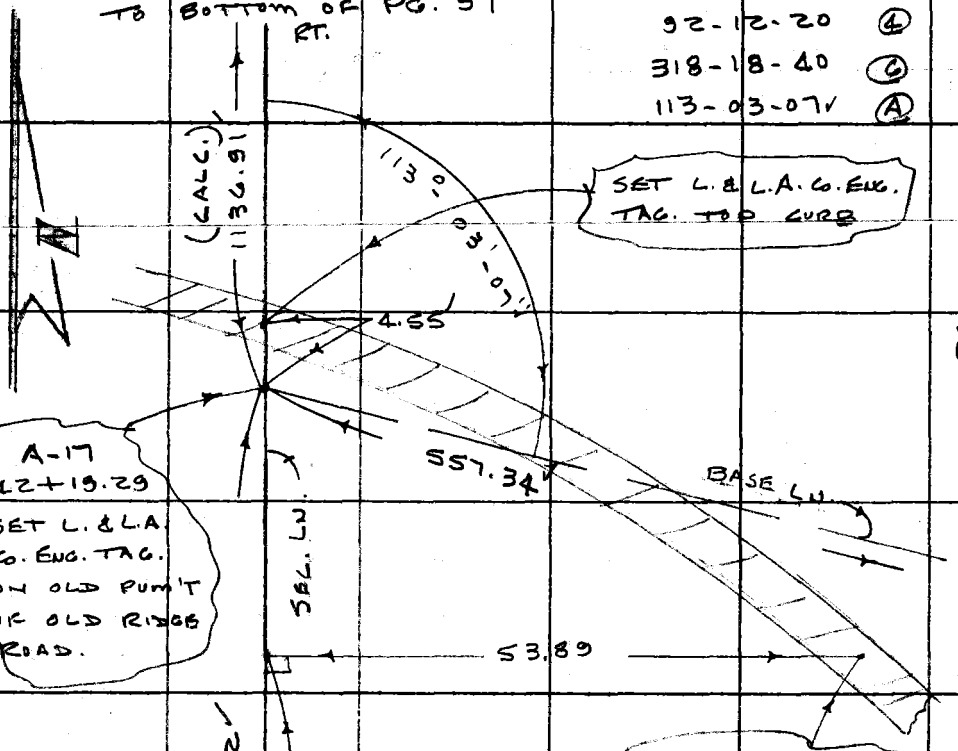
76F309S CE#310 3-69

F.B. 3454 PG. 96

TO BOTTOM OF PG. 97 RT.

113-03-00 ①
92-12-20 ④
318-18-40 ⑥
113-03-07 Ⓐ



U.S. COAST & GEODETIC SURVEY
U 970
1964

TO TOP OF PG. 95

TO BOTTOM OF PG. 95 RT.

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SECTION LINE

Notes Ck'd by C. R. GOSS	Survey of SEC. 34 T6N R17W	F. B. 3454 PG. 97
Map No.	JN0302.01 Tape 8 Std 84 °F	
Office Work	Surveyed by J. P. MENDE	
Checked	Notes J.P.M. Date 12-70	
Date	Indexed T. M. PALMERI AUG 23 '71	

W3 17 C-3

41-07-00 ①
164-28-40 ④
246-43-20 ⑥
41-07-13 Ⓐ

25-49-40 ①
103-18-40 ④
154-58-00 ⑥
25-49-40 Ⓐ

T-52° = -0.02
119.29 @ 9-14 = 117.74
119.12 @ 8-45 = 117.73

117.71
78.12
195.83

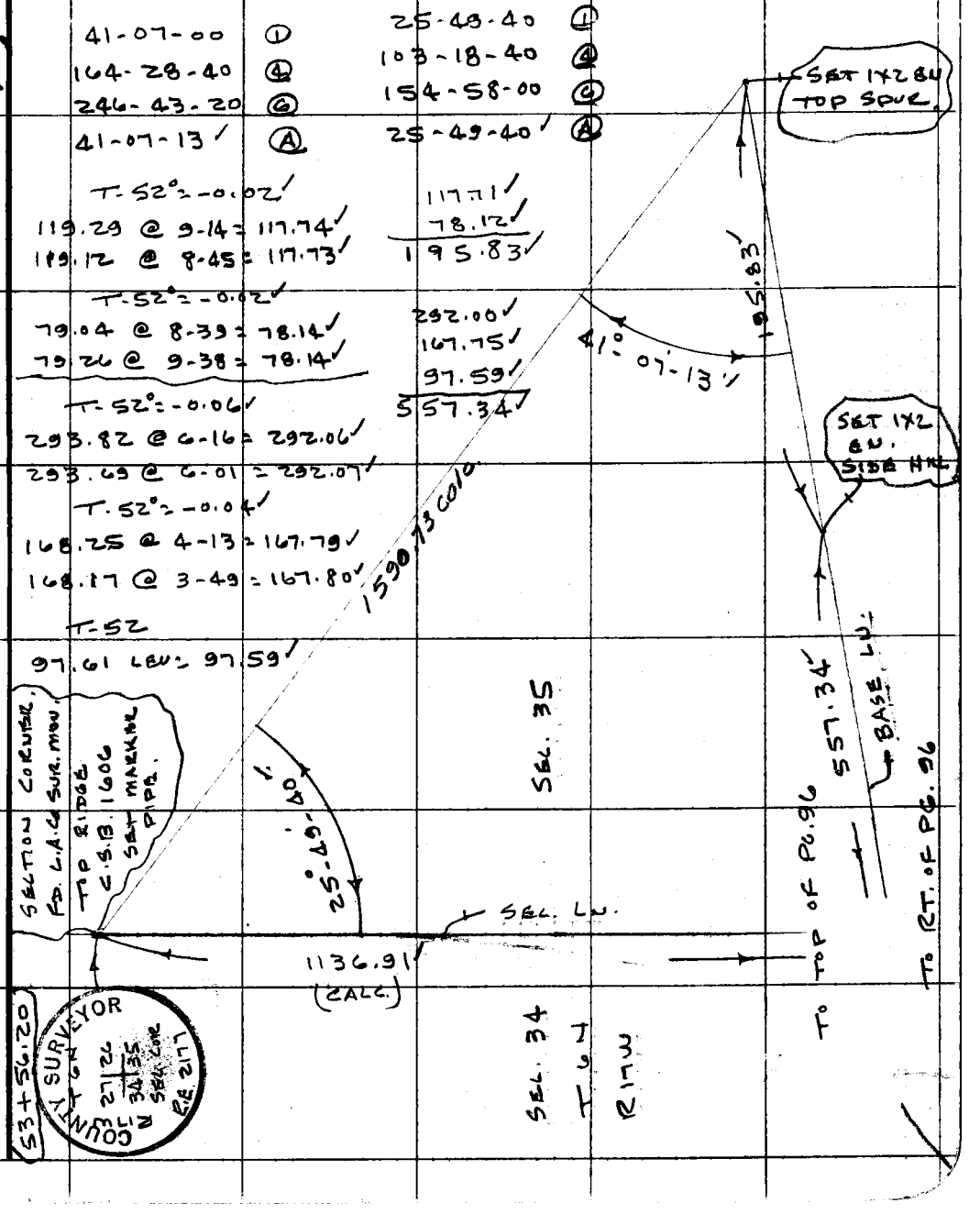
T-52° = -0.02
79.04 @ 8-39 = 78.14
79.26 @ 9-38 = 78.14

292.00
167.75
97.59
557.34

T-52° = -0.06
293.82 @ 6-16 = 292.06
293.69 @ 6-01 = 292.07

T-52° = -0.04
168.25 @ 4-13 = 167.79
168.17 @ 3-49 = 167.80

T-52
97.61 LEV = 97.59



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76F309S CE#310 3-69

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F.B. 3454 Pg. 98

SEC. 19 T 5N R16W

Notes Ck'd by R B	Survey of SECTION LINE	F. B. 3454 PG. [illegible]
Map No.	JN [illegible] Tape Std. 84 °F	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J. P. M. Date 4-71	
Date	Indexed T. M. PALMERI AUG 23 '71	

EAST LINE

OF

SECTION 19 T 5N R16W

J. P. MENNE

J. FALSEY

J. MC DONOUGH

R. PULSIFER

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76F309S CE#310 3-69

TO BOTTOM OF PG. 101

F. B. 3454 PG. 100

S.E. 1/4
SEC. 19
T 5 N
R 16 W

SEC. 20

T-96° = +0.02
231.66 @ 17°-20 = 221.14
231.06 @ 16°-52 = 221.12

DECEND
SEC. LN.

447.80

T-96° = +0.02
200.41 @ 22°-36' = 185.02
200.69 @ 22°-48' = 185.01

221.15
185.03
41.62
447.80

T-96° = 0
41.83 @ 5°-45' = 41.62
41.76 @ 4°-45' = 41.62

A-1
1 + 94.36
SET 2" I.P. &
L.A. CO. ENG. TAG.
(UP 2")
TOP SPUR.
SET MKR. PIPE
2' N.W.

T = 84° = 0
94.33 @ 7°-57' = 93.42
94.45 @ 8°-28' = 93.42

93.42
100.94
194.36

102.91 @ 11°-13' = 100.94
102.73 @ 10°-42' = 100.94

194.36

SEC. LN.

88°.34'.15"

1600'±

COUNTY SURVEYOR
T-5-N
R-16-W
19 20
30 29
SEC. COR. 63
R. E.

FD. C. S. MON
ON TOP OF RIDGE
UP 2" SET 2"
MKR. PIPE 3' NO.
F.B. 1686-23

SET 1X2 & N.

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W.S. 77-A-5

SEC. 19 T5N R16W

Notes Ck'd by R B	Survey of SECTION LINE	F. B. 3454 PG. 181
Map No.	JN 0302.01 Tape Std. 84 °F	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J.P.M Date 4-71	
Date	Indexed T. M. PALMERI AUG 23 '71	

46.94
252.81
142.13
121.61
563.49

T-92°=0
47.95 @ 11°-46' = 46.94
47.71 @ 10°-20' = 46.94

T-94°=+0.02
254.51 @ 6°-40' = 252.79
254.41 @ 6°-28' = 252.79

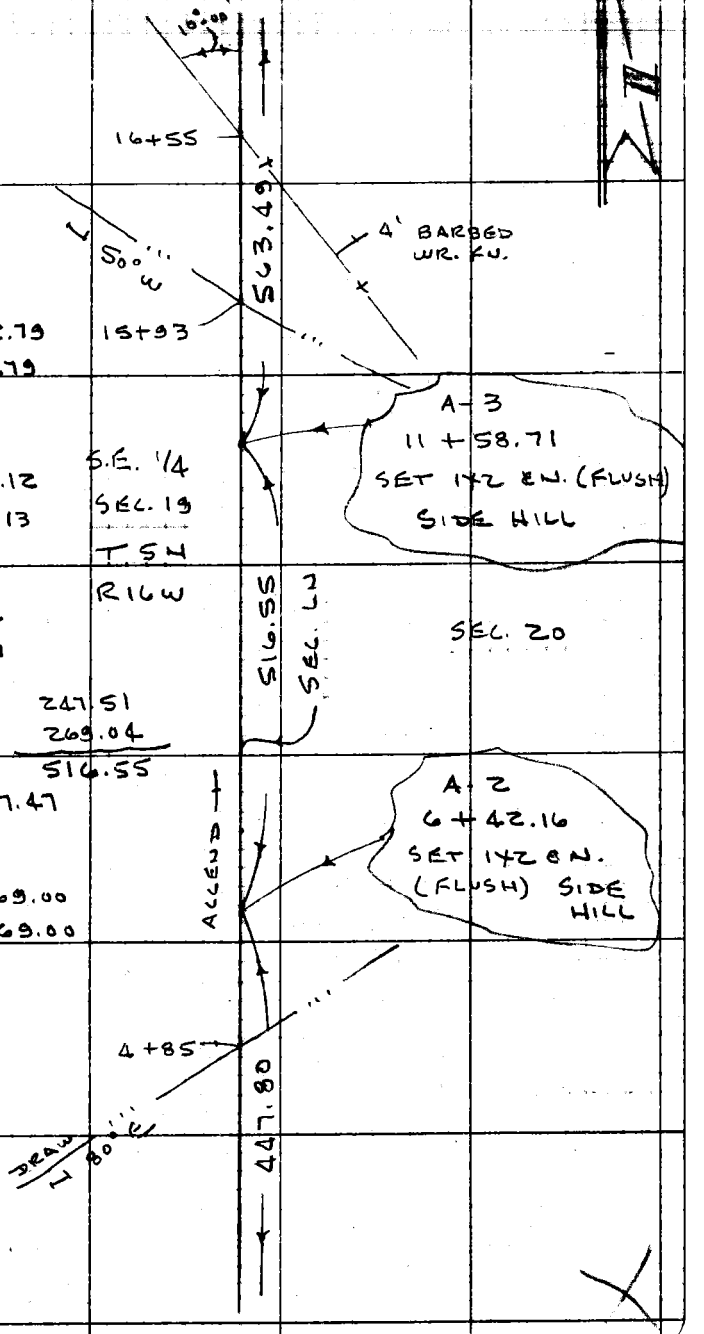
T-92°=+0.01
142.24 @ 2°-23' = 142.12
142.28 @ 2°-39' = 142.13

T-90°=0
121.88 @ 3°-44' = 121.62
121.82 @ 3°-20' = 121.61

247.51
269.04
516.55

T-106°=+0.04
247.48 @ 0°-36' = 247.47

T-106°=+0.04
270.62 @ 6°-16' = 269.00
270.40 @ 5°-49' = 269.00



TO TOP OF PG. 100

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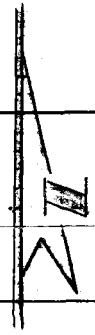
76F309S CE#310 3-69

To Bottom of PG. 103

F. B. 3454 PG. 102



110.24

213.19

423.20

563.49

A-6
23 + 58.59
SET 1X2 B.N.
(FLUSH)
SIDE HILL

SET L.N.

A-5
21 + 45.40
SET 1X2 B.N.
(FLUSH)
SIDE HILL

SEC. 20

A-4
17 + 22.20
SET 1X2 B.N.
(FLUSH)
SIDE HILL

T = 86° = 0

111.12 @ 7°-12' = 110.24
111.20 @ 7°-33' = 110.24

T = 102° = + 0.03

215.56 @ 8°-34' = 213.16
215.46 @ 8°-23' = 213.16

T = 100° = + 0.01

139.72 @ 5°-29' = 139.08
139.85 @ 6°-00' = 139.08

T = 100° = + 0.02

187.11 @ 4°-55' = 186.42
187.19 @ 5°-12' = 186.42

T = 90° = 0

98.46 @ 7°-12' = 97.68
98.41 @ 7-01 = 97.67

S.E. 1/4
SEC. 19
T 5 N
R 16 W

139.09
+ 186.44
97.67

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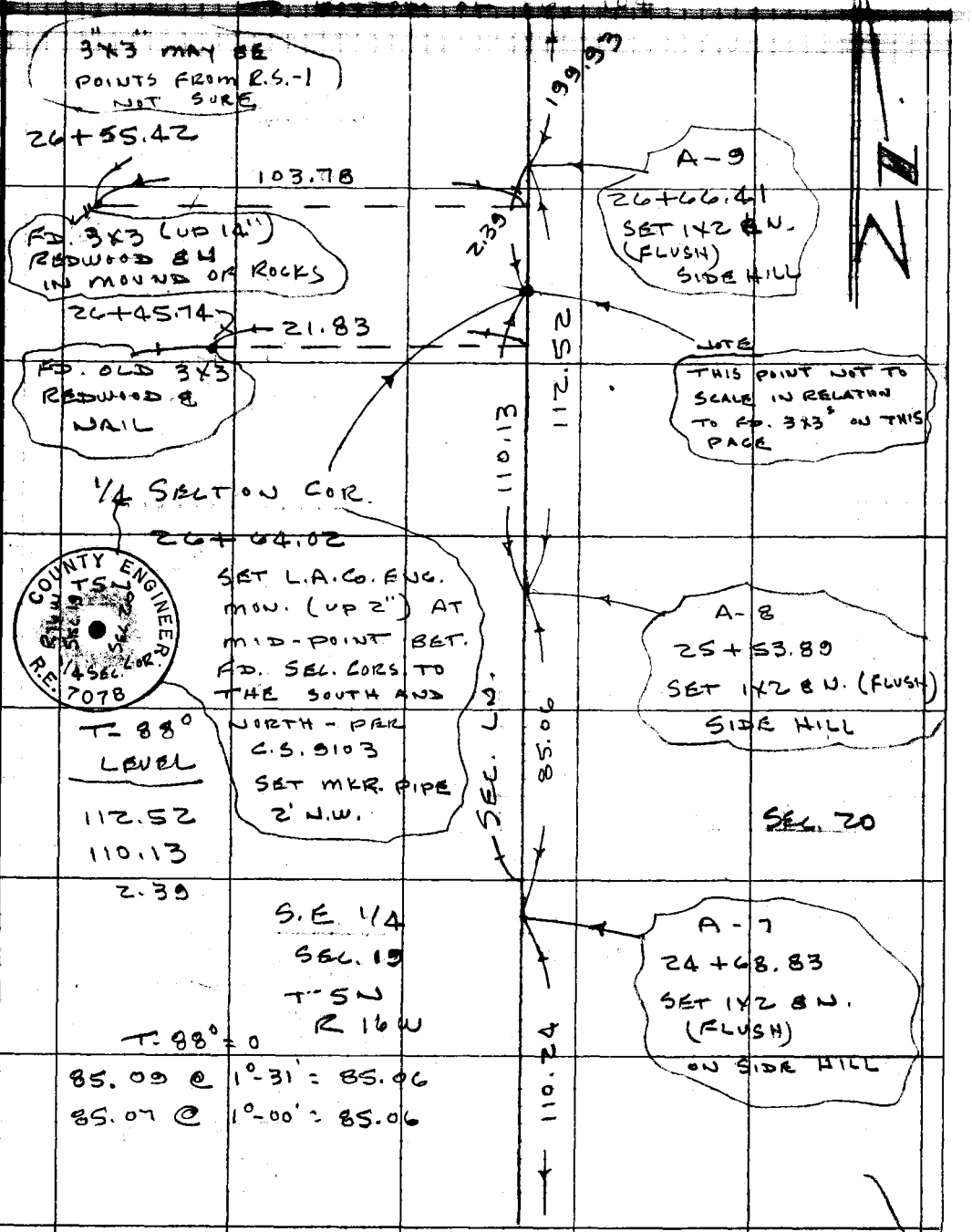
To Top of PG. 101

SEC. 19 T5N R16W

Notes Ck'd by P B	Survey of SECTION LINE	F. B. 3454 PG. 103
Map No.	JN0302.01 Topo Std. 84 °F	
Office Work	Surveyed by S P MENNE	
Checked	Notes J. P. M. Date 4-71	
Date	Indexed T. M. PALMERI AUG 23 71	



TO TOP OF PG. 102

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W.S. 77 - A-5

76F309S CE#310 3-69

TO BOTTOM OF PG. 105

F. B. 3454 PG. 104

SEC. 20

1209.33

A-12
36+65.09
SET 2" I.P. &
L.A.CO. ENG.
TAG. (UP 2")
EDGE OF
SPUR &
SET MKR
PIPE 2' N.W.

55.17

N.E. 1/4
SEC. 19
T 5N
R 16W

T-72° = 0
55.17 LEV

T-74° = -0.01
214.71 @ 12-49 = 209.36
214.93 @ 13-03 = 209.38 209.36

A-11
36+09.92
SET 2" I.P. &
L.A.CO. ENG.
TAG. (UP 2")
EDGE OF
SPUR. &
2" MKR. PIPE
2' N.W.

SEC. LN.

743.58

T-76° = -0.02
295.11 @ 5°-11' = 293.90
295.14 @ 5-18 = 293.88 293.87

T-76° = 0
87.32 @ 7-53 = 86.49
87.20 @ 7-20 = 86.49 86.49

A-10
28+66.34
SET 1X2 @ N
(FLUSH)

T-78° = -0.01
155.34 @ 7°-55' = 153.86
155.23 @ 7-34 = 153.88 153.86

743.58

T-86° = 0
201.26 @ 6°-36' = 199.93
201.32 @ 6°-44' = 199.93 27+00

199.93

TO TOP OF PG. 103

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SEC 19 T 5N R 16W

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

Survey of SECTION LINE
JN 0307.0 Tape 8 Std. 84 °F
Surveyed by J. P. MENNE
Notes J.P.M Date 4-71
Indexed T. M. PALMERI

F. B. 3454 PG. 105

N.E. 1/4
SEC. 19
T 5N
R 16W

T = 76° = -0.01.
139.69 @ 1-56 = 139.61
139.66 @ 1°-35' = 139.61

T = 80° = -0.01
193.83 @ 7-56 = 191.98
194.00 @ 8-16 = 191.98 — 191.97

T = 78° = 0
25.46 LEV = — 25.46
T = 78° = -0.01

278.82 @ 8-53 = 275.47
278.77 @ 8-48 = 275.49 — 275.47

T = 70° = -0.03
359.51 LEV. = — 359.48

T = 70° = -0.02
200.77 @ 8.48 = 198.41
200.97 @ 9-07 = 198.43 — 198.40

T = 72° = -0.01
160.55 @ 9°-02 = 158.56
160.45 @ 8°-48' = 158.56 — 158.55

1209.33

314.02

SEC. 20

A-14
50+14.02
SET 2" I.P. & L.A.CO. ENG. TAG. ON SPUR (UDZ)
SET MKR. PIPE 2' N.W.

139.60

A-13
48+47.42
SET 2" I.P. & L.A.CO. ENG. TAG. ON SPUR.
SET MKR. PIPE 2' N.W.

1209.33

TO TOP OF PG. 104

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76F309S CE#310 3-69

F. B. 3454 PG. 106

Fd. 2" I.P. & L.A. Co. ENG. TAG F.B. 3454-31

SEC. LN. → 76.25

SEE F.B. 3454-30-31

200'±

SET 1X2 B N FOR SIGHT

SECTION COR.

COUNTY SURVEYOR'S T 5 N 18 17 19 20 SEC. COR. R. E.

53+28.01

91°-35'-36"

Fd. L.A. Co. Sur. Mon. F.B. 512-270, 71, & MKR. PIPE 3454-36

91°-35'-40" ①
6-22-20 ④
189-33-35 ⑥
91°-35'-36" ⑧

T = 76° = -0.01

223.46 LEV. = 223.45

T = 76° = 0 90.57

314.02

91.23 @ 6-52 = 90.58
91.32 @ 7-23 = 90.56

314.02

TO TOP OF PG. 105

W.S. 77-A-5

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SEC 1 T 5N R 17W

Notes Ck'd by J. R. GOD	Survey of SECTION LINE
Map No.	JN 0302-P1 Tape 3 Std 8A °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 7-71
Date	Indexed T. M. PALMERI AUG 23 '71

F. B. 74-A PG. 107

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WEST LINE
OF
SECTION 1
T 5N R 17W

J. P MENNE
W. MOODYMAN
L. MANLEY
J. MC DONOUGH
J. MUNOZ

76F309S CE#310 3-68

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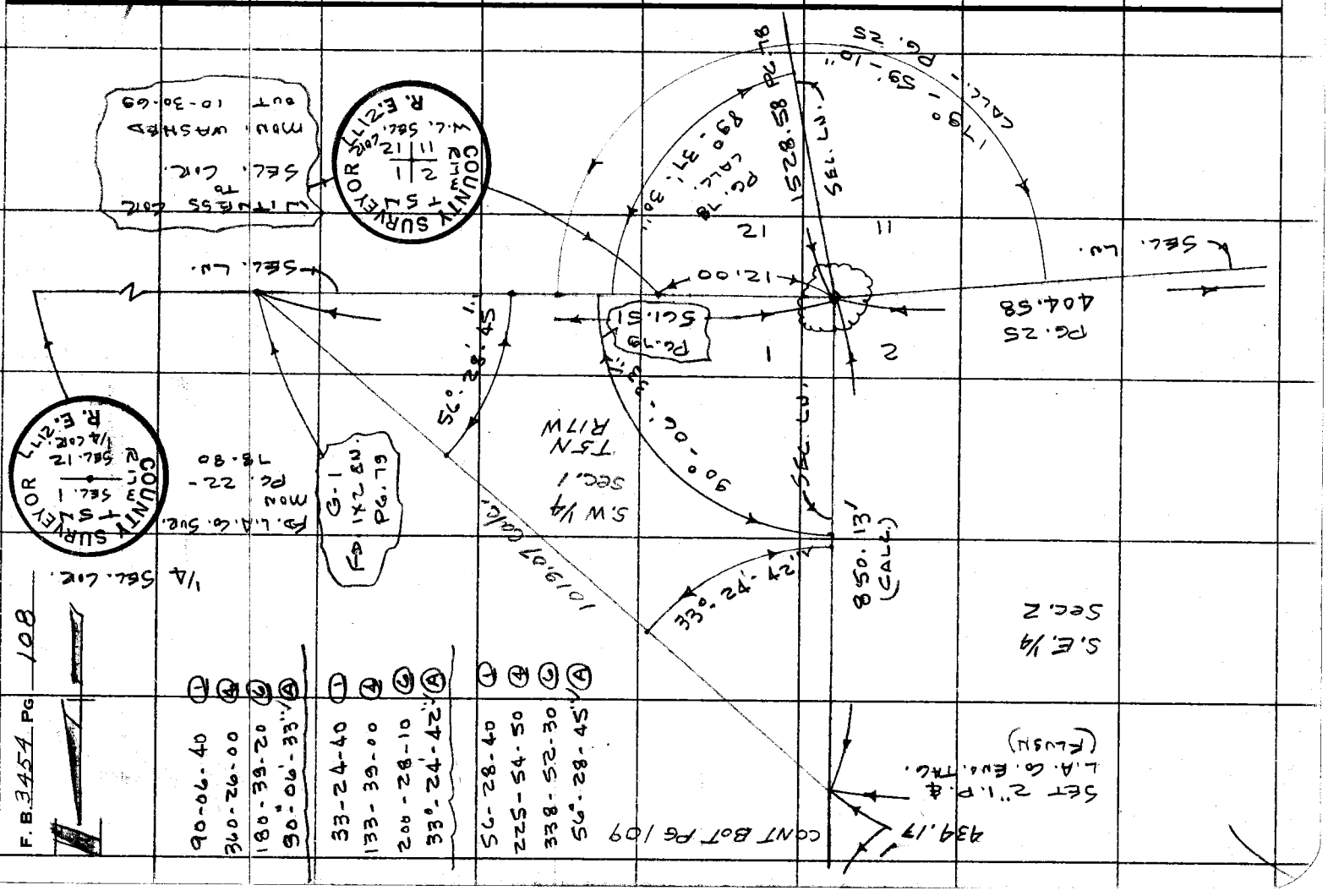
WS 77, A-4



Sec 1, T5N, R17W

Notes Ck'd by C. R. GOSS	Survey of Section Line	F. B 3454 PG. 109
Map No.	JN 0302.01 Tape Std 84 °F	
Office Work	Surveyed by J. P. Menne	
Checked	Notes Moodyman Date 7-71	
Date	Indexed T. M. PALMERI AUG 23 '71	

70.11'
291.20'
361.31

CONT BOT
PG 110

N 85° W

80

SPUR

T = 104 = 0.01'
1) 70.55 @ 6°-25
= 70.10'
2) 70.44 @ 5°-38
= 70.10'
Avg = 70.10 + 0.01'
= 70.11'

50'

DRAW

N 85° W

361.31'

S.E 1/4
Sec 2
T5N
R17W

161

S.W. 1/4
Sec 1

SPUR

12 + 84.30
Set 1x2 & TK flush
Top of SPUR

T = 104 = 0.03'
1) 193.12 @ 1°-43'
= 193.03'
2) 193.09 @ 1°-26'
= 193.03'
Avg = 193.03 + 0.03
= 193.06'

120'

DRAW

N 85° W

193.06'
219.39'
21.72'
434.17'

70'

434.17'

SPUR

80'

DRAW

N 85° W

T = 104° = 0.03
1) 220.62 @ 6°-08
219.36'
2) 220.67 @ 6°-15
219.36'
Avg = 219.36 + 0.03'
= 219.39'

140

T = 104°
21.72 Lev
Avg = 21.72'

SPUR

CONT. LT PG 108

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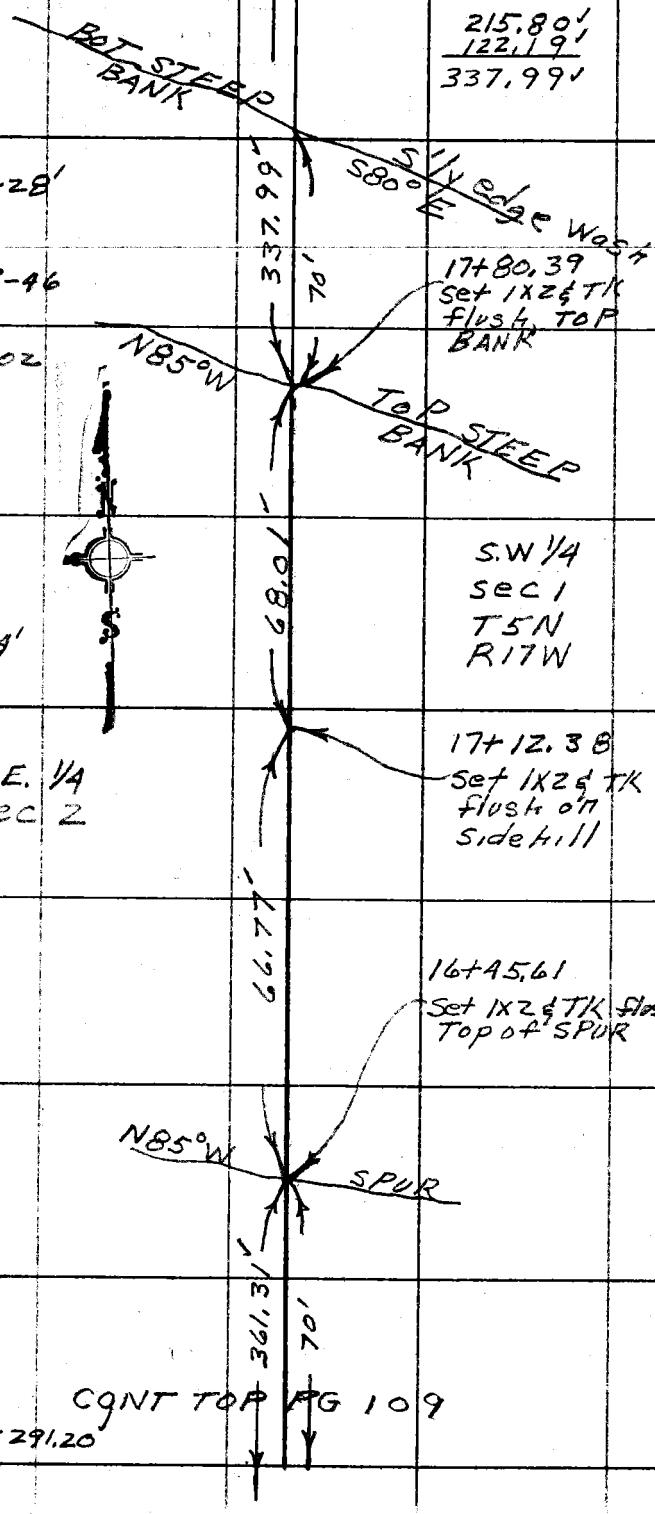
76F3095 CE#310 3-69

F. B. 3454 PG. 110

CONT BOTH PG 111

215.80'
122.19'
337.99'



T=100°=0.02'
1) 226.22 @ 17°-28'
=215.79'

2) 226.59 @ 17°-46
=215.78'

Avg = 215.78 + 0.02
= 215.80'

T=104°=0.01'
1) 69.28 @ 11°01'
= 68.00'
2) 69.55 @ 12°-04'
= 68.01'

Avg = 68.00 + 0.01
= 68.01'

S.E. 1/4
sec 2

T=104=0.01'
66.76 @ Lev
Avg = 66.76 + 0.01
= 66.77'

T=104=0.04'
1) 291.25 @ 1°-22
= 291.17'

2) 291.21 @ 1°-07
= 291.15'

AVG = 291.16' + 0.04 = 291.20

CONT TOP PG 109

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Sec 1, T5N, R17W

Notes Ck'd by C. R. GOSS	Survey of Section Line	F. B. 3454 PG. 111
Map No.	JN 0302.04 Tape Std 84 °F	
Office Work	Surveyed by T. P. Menne	
Checked	Notes Moodyman Date 7-71	
Date	Indexed T. M. PALMERI AUG 23 '71	

CONT FOR PG 110

T=102 = 0.03'
1) 289.53 @ 12°-20'
= 282.85'
2) 289.66 @ 12°-28'
= 282.83'

Avg = 282.84 + 0.03
= 282.87'

534.48'

251.61'
282.87'
534.48

T=96 = 0.02'
251.59 @ Lev
Avg = 251.59 + 0.02
= 251.61'

S.E. 1/4
SEC. 2

21+18.38
Set 1X2 & T1/2 flush in middle of Wash

T=96° = 0.01'
1) 122.26 @ 1°-54'
= 122.19'

337.99'

S.W. 1/4
SEC 1
T5N
R17W

2) 122.24 @ 1°-46'
= 122.18'
Avg = 122.18 + 0.01
= 122.19'

CONT TOP PG 110

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76F309S CE#310 3-69

F. B. 3454 PG. 112

CONT BOT PG 113

443.66'

T = 102 = 0.04'
1) 299.27 @ -8°-48'
= 295.75'
2) 299.21 @ -8°-45'
= 295.73'
Avg = 295.74 + 0.04
= 295.78'

28+43.93
Set 1X2½ TK
flush
on side hill

108.45'
82.62'
191.07'

T = 102° = 0.01'
82.61 @ 1er
= 82.62'

191.07'

N.E. 1/4
SEC 2

N.W 1/4
SEC 1
T 5N
R 17W

Top
SPUR

T = 102° = 0.01'
1) 109.05 @ -6°-06'
= 108.43'
2) 109.13 @ -6°-23'
= 108.45'
Avg = 108.44 + 0.01
= 108.45'

S85°E

26+52.86
Set 1X2½ TK
flush on
TOP of SPUR

534.48'

150'

N85°W
Edge WASH

26+45.49
PRID.

CONT TOP PG 111

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Sec. 1, T5N, R17W

Notes Ck'd by G. R. GOSS	Survey of Section Line	F. B. 345-A PG. 113
Map No.	IN 03 2201 Temp. Std 84 °F	
Office Work	Surveyed by J. P. Monne	
Checked	Notes Moodyman Date 7-71	
Date	Indexed T. M. PALMERI AUG 23 '71	

1) 296.31 @ 24°-52'
= 268.84'
2) 296.21 @ 24°-50'
= 268.82'
Avg = 268.83 + 0.04
= 268.87'

948.93'

200'

33+26.98
Set 1x2 & TK. flush

TOP STEEP BANK

S85°E

N.E. 1/4
SEC. 2
T5N
R17W

N.W 1/4
SEC. 1

T = 100° = 0.00
39.39 @ lev
Avg = 39.39'

39.39'

N73°W TOP SPUR

32+87.59
Set; 1x2 & TK. flush on SPUR

145.07'
2.81'
295.78'
443.66

DRAW
S62°W

T = 100° = 0.02'
1) 147.19 @ -9°-47'
= 145.05'
2) 147.04 @ -9°-25'
= 145.06'
Avg = 145.05 + 0.02
= 145.07'

443.66'

T = 100. = 0.00'
2.81 @ lev
Avg = 2.81'

CONT TOP PG 112

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76F309S CE#310 3-69

F. B. 3454 Pg. 114

CONT BOT PG 115 DRAW

T = 94° = 0.00'
1) 60.78 @ 16°-15'
= 58.35' ✓
2) 60.78 @ 15°-21'
= 58.34'
Avg = 58.34'

719.44
720.44
136'

46+24.61
Set 1X2 ϕ TK flush

T = 98° = 0.03' ✓
1) 296.34 @ 11°-34'
= 290.32'
2) 296.27 @ 11°-29'
= 290.34'
Avg = 290.33 + 0.03
= 290.36' ✓
N.E. 1/4
SEC. 2

BOT
HILLSIDE
S70°E

58.34' ✓
290.36' ✓
348.70' ✓

348.70'
145'

N.W. 1/4
SEC. 1
T5N, R17W

T = 98° = 0.01' ✓
160.06 @ Lev
Avg = 160.06 + 0.01
= 160.07'

T = 98° = 0.01' ✓
159.03 @ Lev
Avg = 159.03 + 0.01
= 159.04' ✓

T = 98° = 0.01' ✓
151.60 @ Lev
Avg = 151.60 + 0.01
= 151.61' ✓

42+75.91
Set 1X2 ϕ TK flush

159.04' ✓
160.07' ✓
151.61' ✓
209.34' ✓
268.87' ✓
948.93' ✓

T = 98° = 0.02'
209.32 @ Lev
Avg = 209.32 + 0.02
= 209.34'

948.93'

N45°E
200'
P
BOT STEEP BANK
CONT TOP
PG 113

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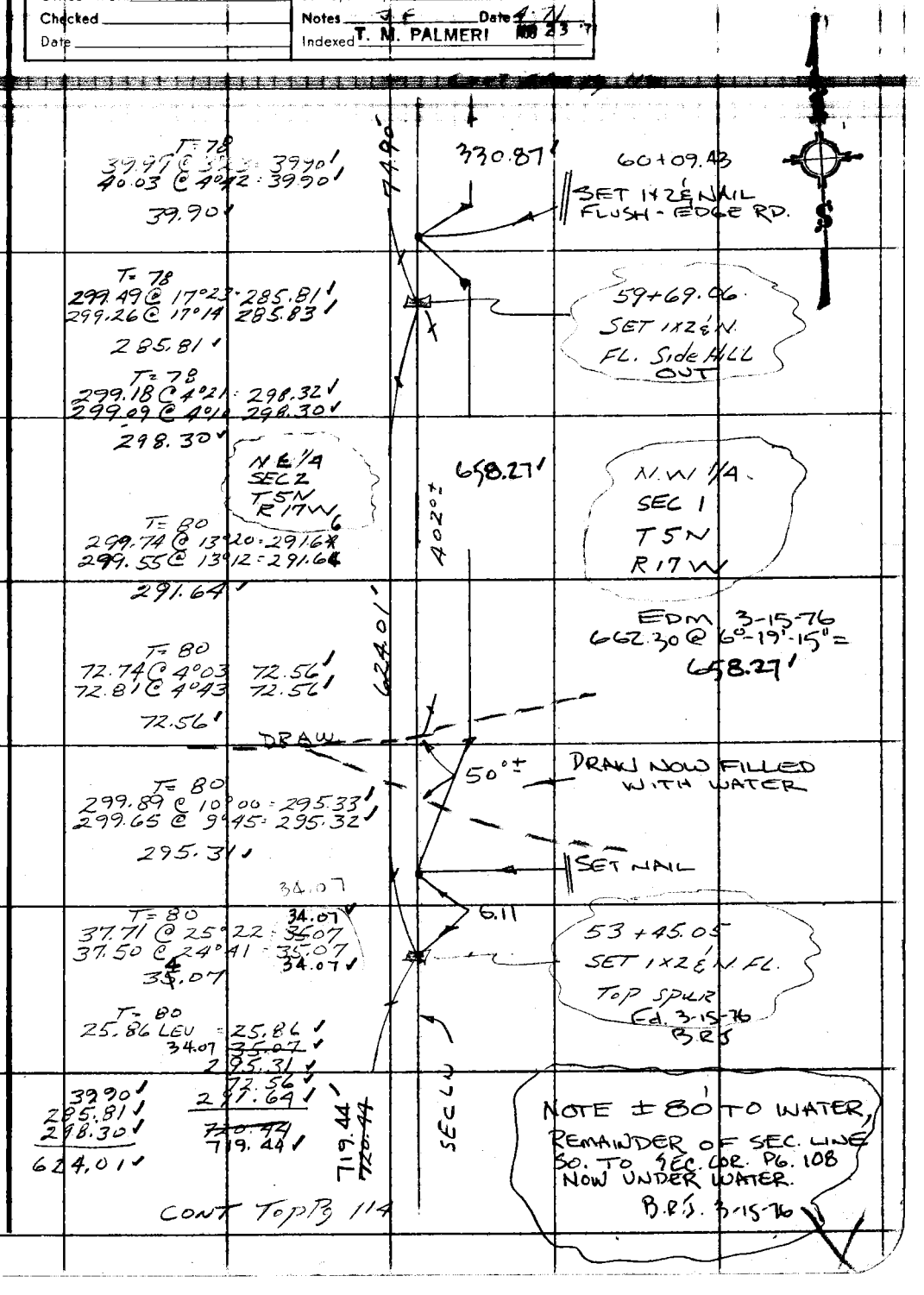
Notes Ck'd by [illegible]	Survey of SEC 7 T5N R17W SEC 1	F. B. [illegible] PG. 115
Map No.	JN 0302 °F Tape 213 Std 84 °F	
Office Work	Surveyed by JPM	
Checked	Notes JF Date 4-71	
Date	Indexed T. M. PALMERI AUG 23 '71	



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76F309S CE#310 3-69

F. B 3454 Pg. 116

CONT Btm Pg. 42

180.49

T= 82

185.24 @ 13°00 = ~~184.09~~ 180.49'
185.00 @ 12°41 = ~~184.09~~ 180.49'

~~184.09~~
180.49' D.S. 3-16-76

3-15-76

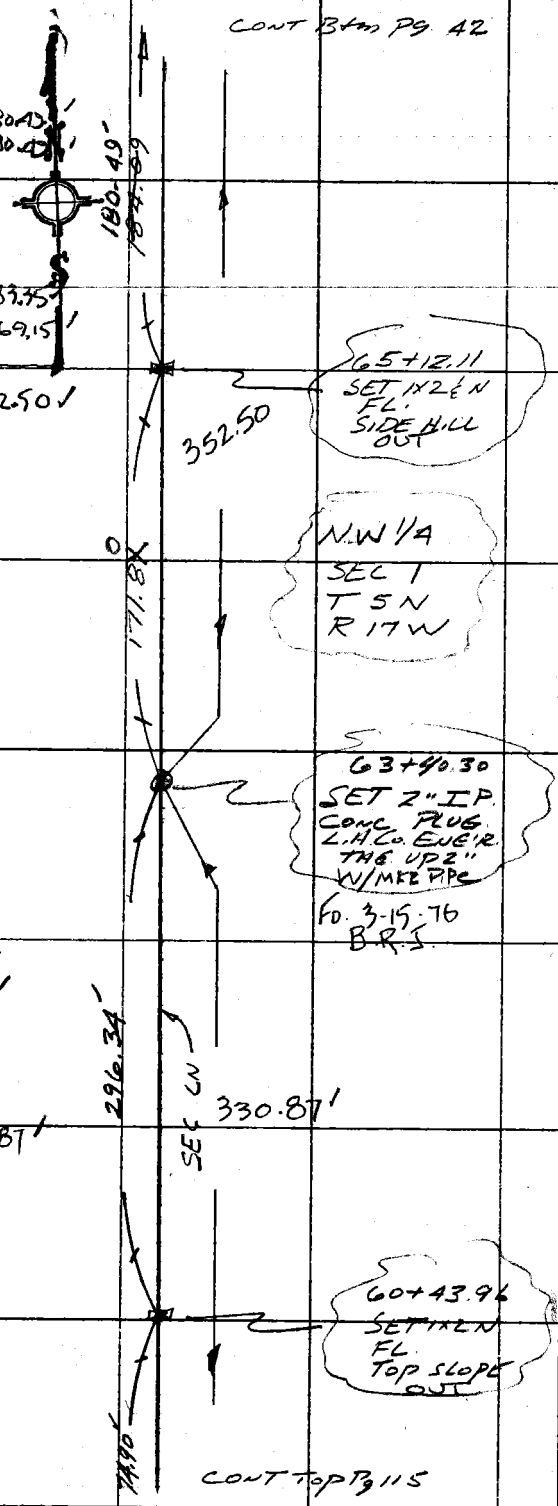
T=74° (-01)'

188.00 @ 102°-45 = 183.36'
187.74 @ 102°-24 = 183.36' = 183.35'
169.16 @ 89°-49' = 169.16'
169.18 @ 89°-31' = 169.17' = 169.15'

T= 60°

90.08
81.74
171.82'
.02
171.8X
0

352.50'



T= 70

296.78 @ 2°59 = 296.38'
296.73 @ 2°50 = 296.37'

296.34'

EDM. 3-15-76

331.32 @ 2°-58'-45" = 330.87'

T= 72

76.27 @ 10°51 = 74.91'
76.14 @ 10°18 = 74.91'

74.90'

CONT Top Pg 115

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Notes Ck'd by M. R. NEVAREZ	Survey of W½ T5N R16W Sec 21 F. B. 7154 Pg. 117
Mpp. No.	JN 0302.01 Topo B Std 84 °F
Office Work	Surveyed by D.L.B.
Checked	Notes D.L.B. Date 5-72
Date	Indexed

J.N. 030201

West ½ T5N, R16W.

North Line Sec 21

Burkholder
McCall
Kabler
Scherb

Rs. 117 - 124

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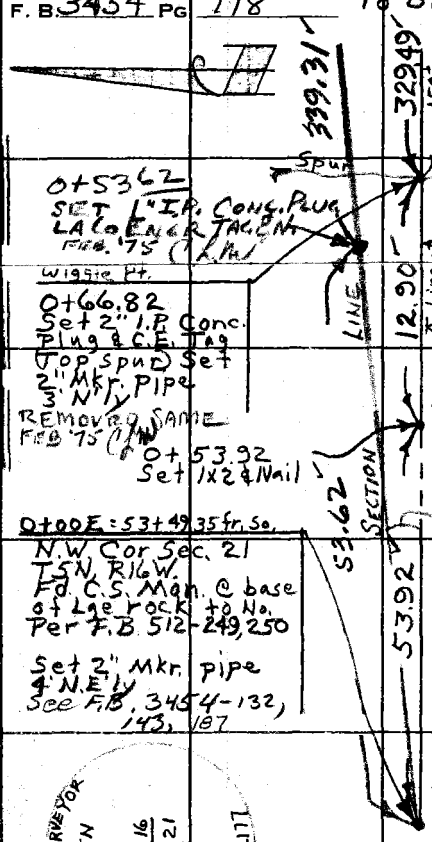
76F309S C.E.#310.3-68

F. B. 3454 PG. 118 To Bot pg# 119



330.25 @ 3°-48' T = 74° = 329.50 ✓
330.18 @ 3-39 " = 329.49 ✓

12.90 Len. T = 70° = 12.90 ✓

65.64 @ 34°-46' T = 80° = 53.92 ✓
65.18 @ 34-11 " = 53.92 ✓

T-74°
65.17 @ 34°37' = 53.63'
65.87 @ 35-31 = 53.62' = 53.62 ✓
FEB. '75 CFM

T5N R16W Sec. 16 Sec. 21

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Notes Ck'd by M. R. NEVAREZ	Survey of W½ T5N R16W Sec 21	F. B. 3151 PG. 118
Map No.	JN 0302 01 Tape B Std. 84 °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 6-72	
Date	Indexed	

To Bot pg # 120

31.59 Lev. T = 84° = 31.59

9+07.97
Set 2" I.P. Conc
Plug & C.E. Tag
Top Spur. Set
2" Mkr. pipe
3± N'ly
REMOVED SAME
FEB '75 CRW

474.55 @ 1°-00' T = 84° = 474.48
474.58 @ 0°-54' " = 474.52
Avg = 474.50

9+04 ~~85~~ 87
SET 1" I.P.
CONC. PLUG
LACO. ENGR. TAG
&N. FEB '75 CRW
SEE PG. 189

N 20° W
drain
LINE
Sec. 16
Sec. 21
240±

wiggle pt.
4+33.47
Set 2" I.P. Conc.
Plug & C.E. Tag
E. edge Spur.
Set 2" Mkr. pipe
3± N'ly
REMOVED SAME
FEB '75 CRW

R16W
R16W

37.16 @ Lev. T = 76° = 37.16

T5N
T5N

3+96.31
Set 1x2 & N
W. edge Spur

N 20° W
Spur

3+92 93
SET 1" I.P. CONC.
PLUG LACO. ENGR.
TAG &N.
FEB '75 CRW

T-74°
LEV.
238.18 @ 4°-19'-10" = 237.50'
238.25 @ 4-33-40 = 237.50'
LEV

36.55'
= 237.50'
65.28'
339.33
-.02'
339.31'
FEB '75 CRW

NOTE: SEE PG. 189 FOR DIST. CHECK TO EAST

339.31'
SECTION
329.49
N 10° W
drain
150±

To Top pg # 118

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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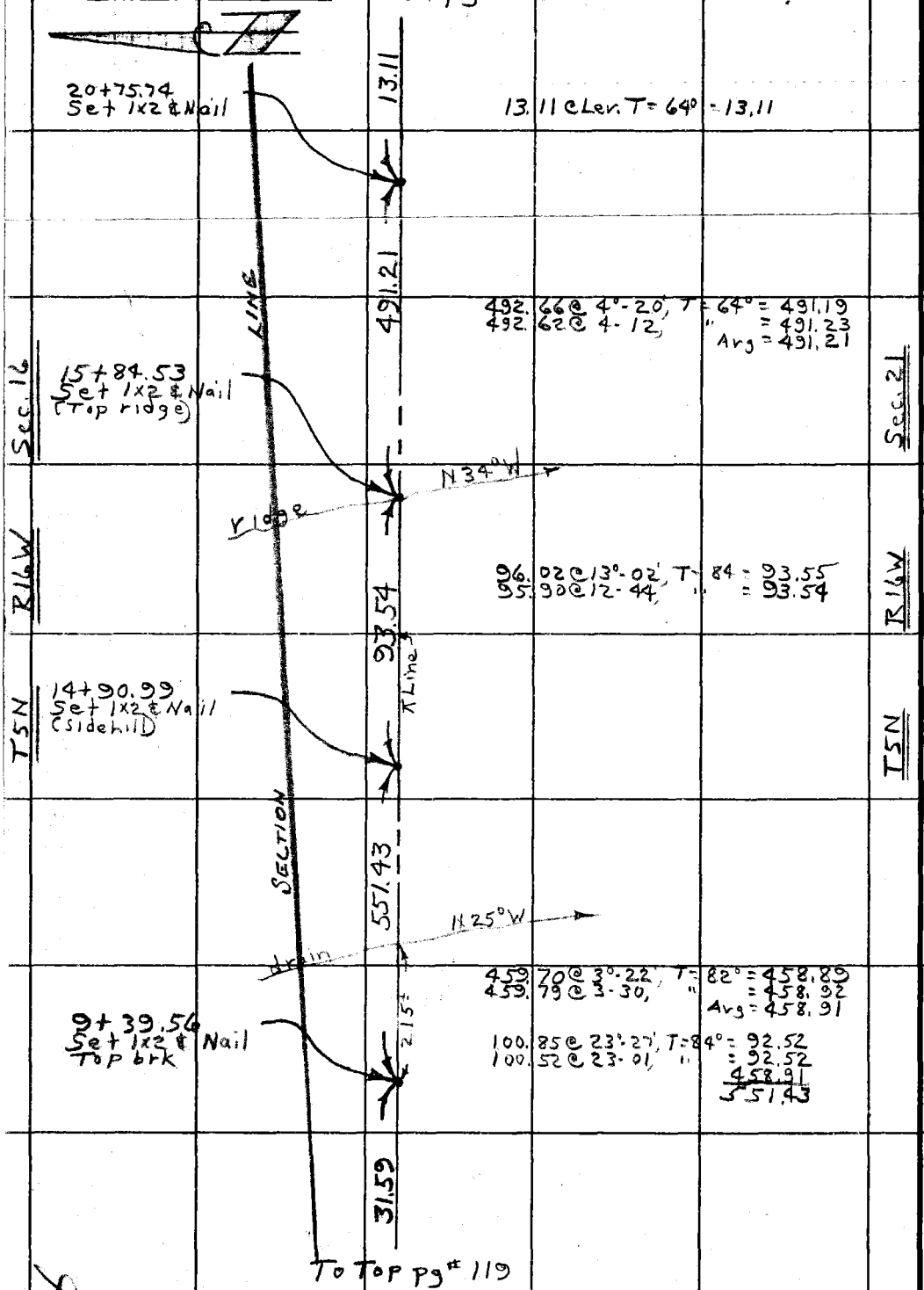
76F309S CE#310 3-68

F. B. 3454 PG. 120 To Bot. pg # 121 ?



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Notes Ck'd by [illegible]	Survey of W½ T5N R16W/Sec 21
Map No.	JNO 302 DL Tape "B" Std. 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes D.L.B Date 6-72
Date	Indexed

F. B. 3454 PG. 121

To Bot. pg# 122

WS 77 B-5

16.82 @ Lev. T=68° = 16.82

26+79.71
Set 1x2 & Nail
(Top ridge)

N25°W → 38.53 @ 14°-19' T = 68° = 37.33
38.13 @ 11-46 " = 37.33

43.04

ridge

158.80

90°

26+59.16
SET 1" I.P.
CONC PLUG
LAC ENGR
TAG & N

165

N 30°W

51.94 @ 34°-02' T = 66° = 43.03
51.37 @ 33-05 " = 43.03
37.33
483.05
563.41

25+21 30
SET C.E. MON.
FOR 1/4 COR.
SEE PG. 187
C.J.W.

490.95 @ 10°-15' T = 68° = 483.06
490.79 @ 10-10 " = 483.03
Avg = 483.05

Sec. 16

R16W

T5N

563.41

21+55.38
Ed. 3x3 & Nail 8" UP
Per. RS. 1-2 (Not
original) F.B. 512-272
No Rk Mnd this Area

22.99 Calc.

30°-28'-30"

39.08 Calc.

45.34 M

LINE

SECTION

21+16.30
Set 1x2 & Nail

1) 30°-28'-30"
2) 60°-57-00
30-28-30

47.72 @ 18°-09' T = 64° = 45.34
47.40 @ 16-54 " = 45.34

27.45 Lev. T = 64° = 27.45

T5N R16W Sec 21

27.45

Line

20+88.85
Set 2" I.P. Conc.
Plug & C.E. Tag
(Top ridge) Set
2" Mkr pipe
3± N'ly
Removed Same
FEB '75 C.J.W.

N25°W

ridge

20+79 98
SET 1" I.P.
CONC PLUG & A.Co.
ENGR. TAG & N.
FEB '75 C.J.W.
SEE PG. 189

13.11

To Top pg# 120

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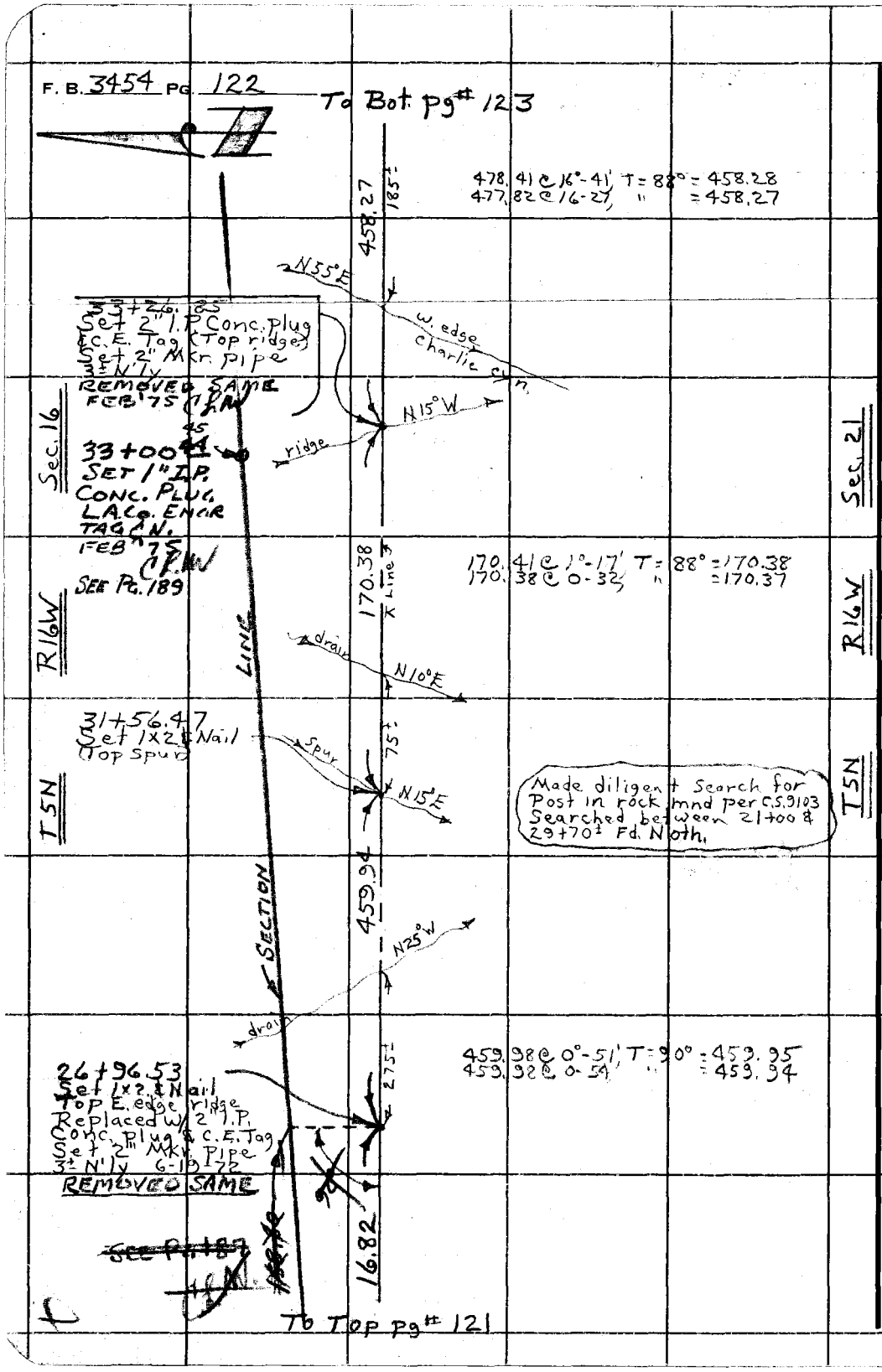
76F309S CE#310 3-68



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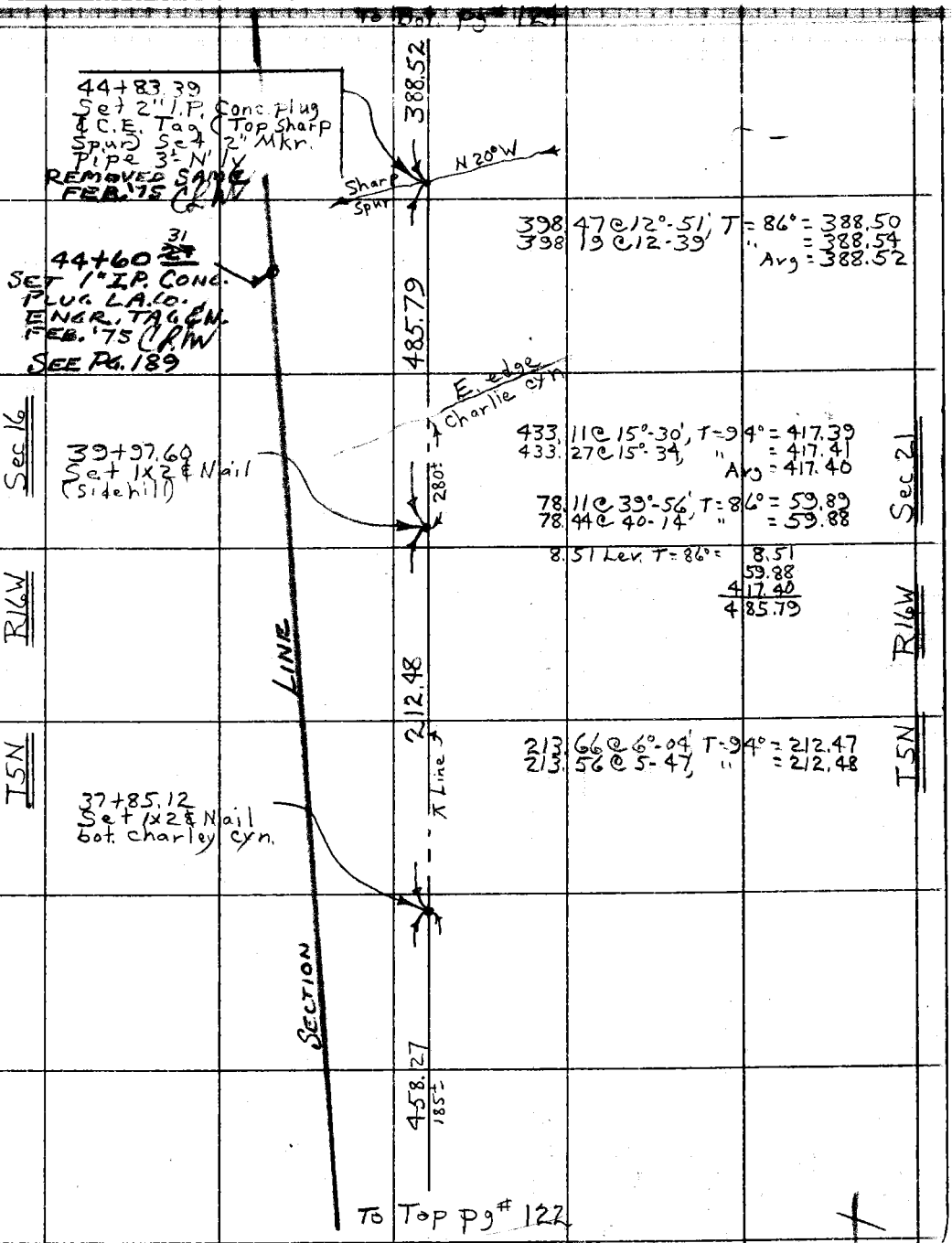
Notes Ck'd by M. R. NEVADEL	Survey of W. ½ T5N R16W Sec 21	F. B. 3151 PG. 123
Map No.	JN 4202.01 Tape "B" Sta 89 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes D.L.B. Date 6-72	
Date	Indexed	

To Bot. pg# 121



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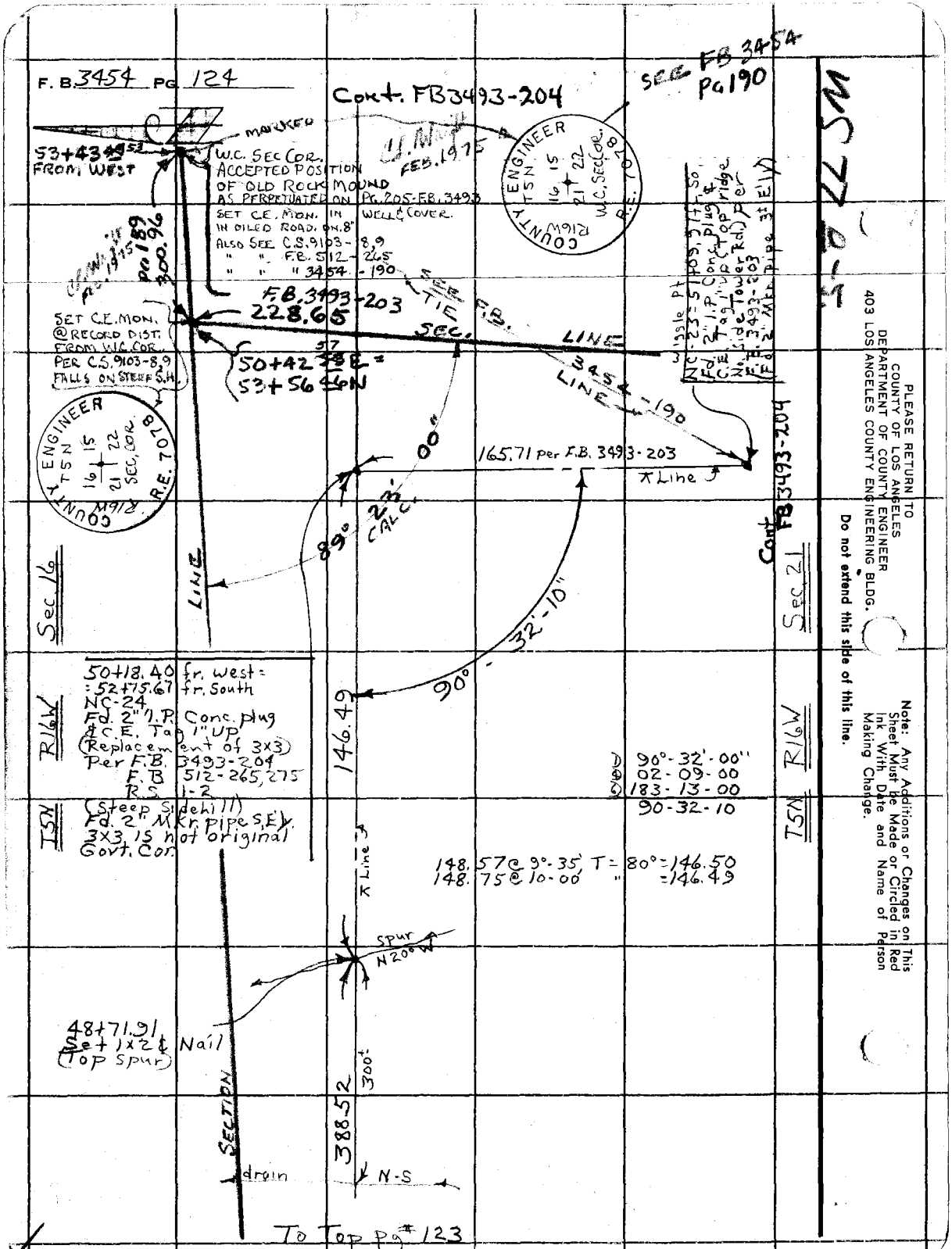
76F3095 CE#310 3-68


F. B. 3454 Pg 124
Cont. FB 3493-204
SEE FB 345A Pg 190
53+43.49 S2
FROM WEST
MARKED
W.C. SEC COR. ACCEPTED POSITION OF OLD ROCK MOUND AS PERPETUATED ON Pg. 205-FB. 3493
SET C.E. MON. IN WELL & COVER.
IN DILED ROAD, ON 8'
ALSO SEE C.S. 9103 - 8,9
" " F.B. 512 - 265
" " " 3454 - 190
U.S.N. FEB. 1915
Pg 189
800.196
SEE TIE F.B. 3493-203
228.65
SEC. LINE
SET C.E. MON. @ RECORD DIST. FROM W.C. COR. PER C.S. 9103-8,9 FALLS ON STEEP S.H.
50+42.38 E =
53+56.46 N
COUNTY ENGINEER T 5 N 16 15 21 22 W.C. SEC. COR. R.E. 707.8
Missle Pt 23-51 POS. 5'14' So.
Fd. 2" I.P. On (Top Ridge) C.E. Tag "Top Ridge Tower Rd." Per No. FB 3493-203
Fd 2" Mtr. Pipe 3' E & W
345 LINE
190
0°
165.71 Per F.B. 3493-203
℄ Line 3
89° 2' CALC.
LINE
Sec 16
Cont FB 3493-204
Sec 21
32'-10"
90°
146.49
50+18.40 fr. west = 52+75.67 fr. South
NC-24
Fd. 2" I.P. Conc. plug & C.E. Tag 1" UP (Replaces West of 3X3) Per F.B. 3493-209
F.B. 512-265, 275
R.S. 1-2
(Steep Sidehill)
Fd. 2" Mkr. Pipe S.E.Y. 3X3 IS not original Govt. Cor.
90°-32'-00"
02-09-00
183-13-00
90-32-10
148.57 @ 9°-35 T = 80° = 146.50
148.75 @ 10-00 = = 146.49
℄ Line 3
SPUR N 20° W
48+71.91 Set 1x2 & Nail (Top Spur)
388.52
300'
SECTION
drain
N-S
To Top pg # 123
R16W
T5N
R17W
T5N
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Notes Ck'd by M. R. NEVAREZ
Map No.
Office Work
Checked
Date

Survey of
JN 0302.01 Topo "B" Vol. 24 of
Surveyed by
Notes D.L.B Date 6-7-2
Indexed B. D. BAILEY

F. B. Pg. 125

J.N. 0302.01

WEST ½ T5N, R16W

WEST LINE SEC. 21

Burkholder
McCall
Kabler
Scherb.

Pgs. 125-132

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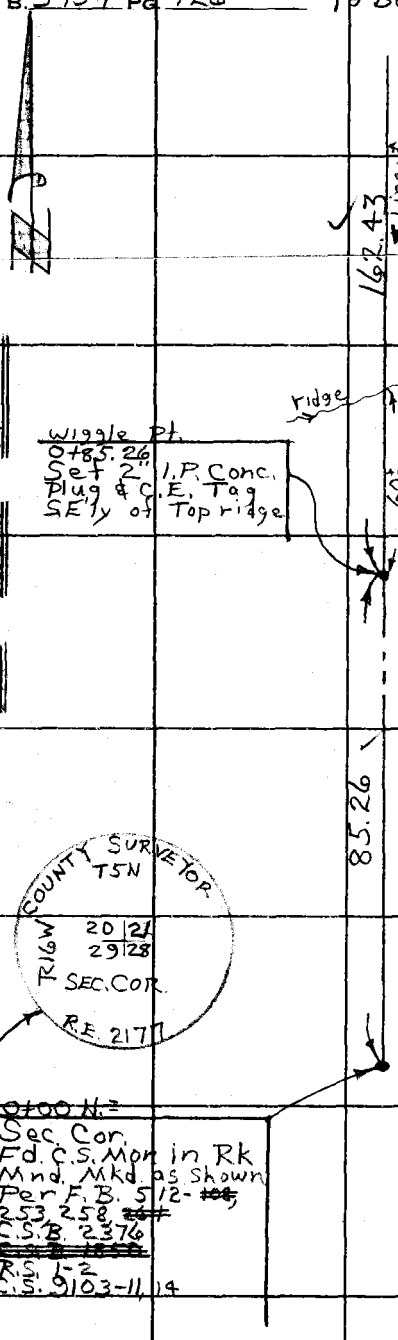
76F309S CE#310 3-68

F. B. 3454 Pg 126 To Bot. Pg #127



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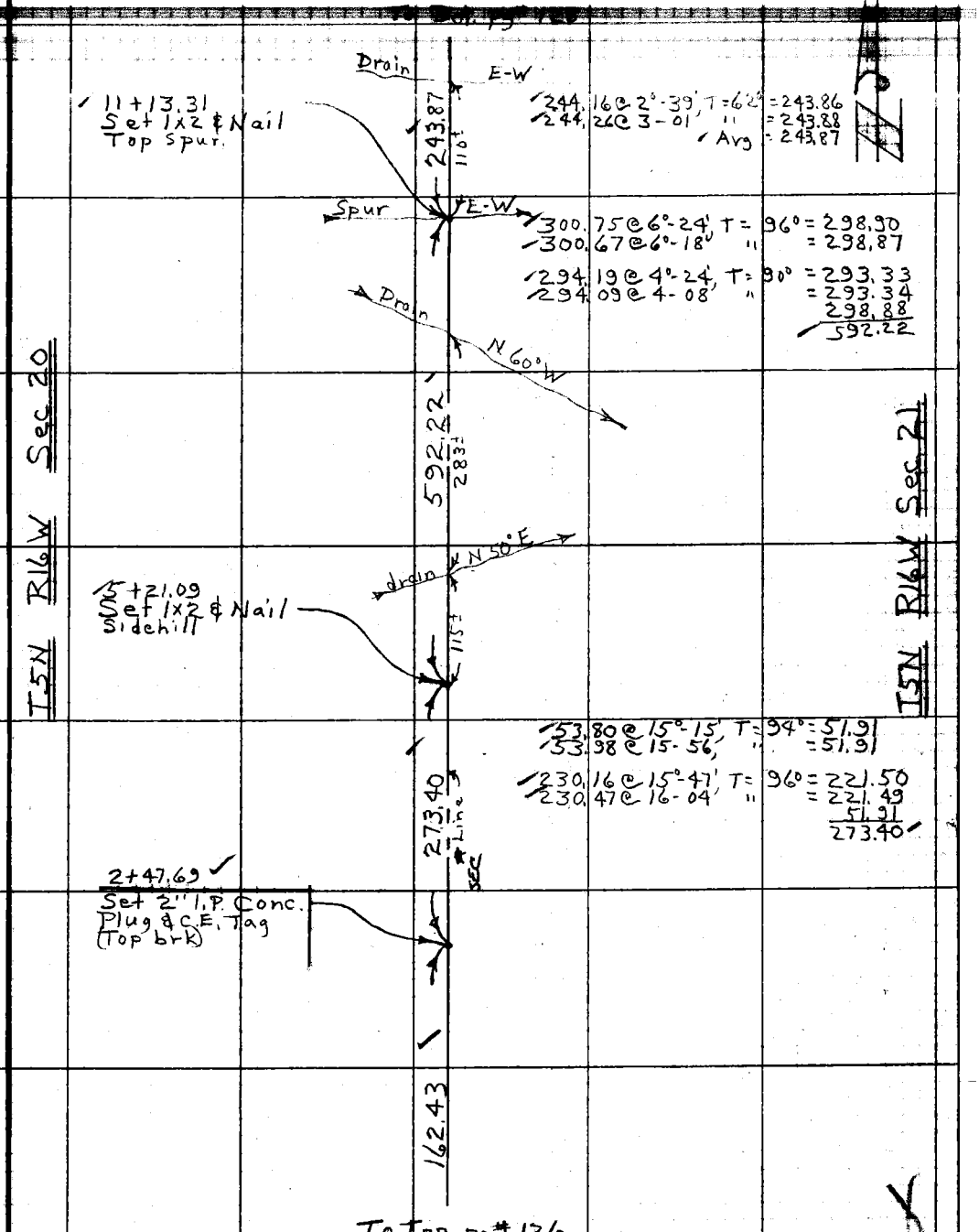
W.S. 77-8-5

Notes Ck'd by M. R. NEVAREZ	Survey of W½ T5N R16W Sec 21	F. B. 3451 PG. 127
Map No.	IND202.01 Tape "B" Std 84 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes D.L.B. Date 6-72	
Date	Indexed [illegible] MAR 25, 1974	



To Top pg # 126

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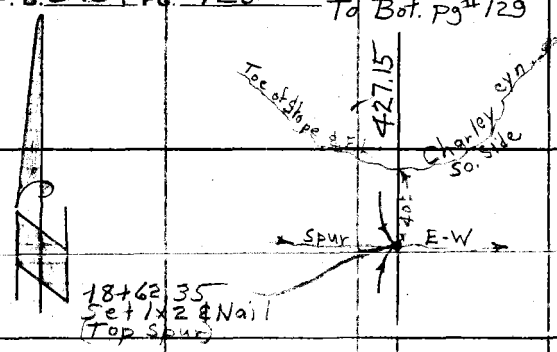
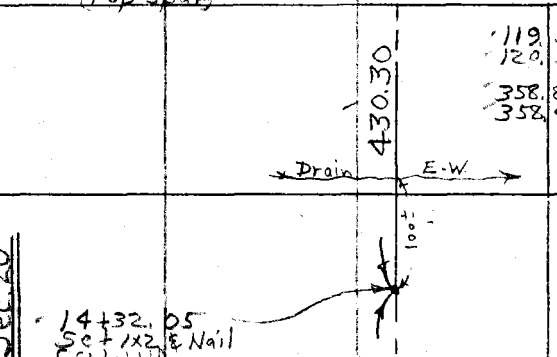
76F309S CE#310 3-69

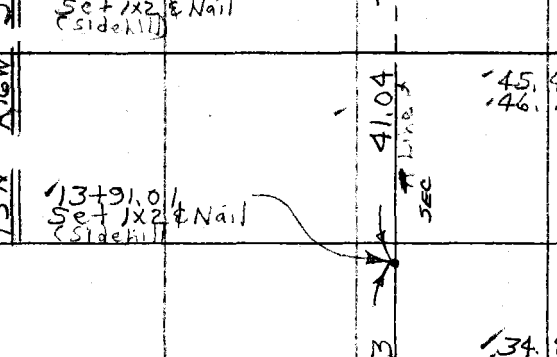
F. B. 3454 Pg. 128 — To Bot. Pg# 129



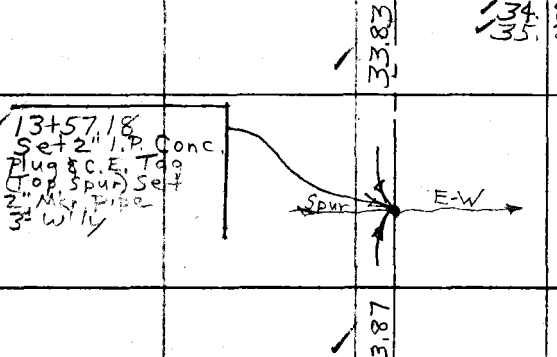
119.	58 @ 31°-10'	T =	62° = 102.30
120.	50 @ 31-53	"	= 102.30
358.	82 @ 23°-56'	T =	68° = 327.98
358.	40 @ 23°-45'	"	= 328.01
			Avg = 328.00
			102.30
			430.30



45.	45 @ 25°-25'	T =	64° = 41.04
46.	11 @ 27-06	"	= 41.04



34.	82 @ 13°-38'	T =	60° = 33.83
35.	28 @ 16-25	"	= 33.83



243.87

To Top Pg #127

T5N R16W Sec. 20

T5N R16W Sec. 21

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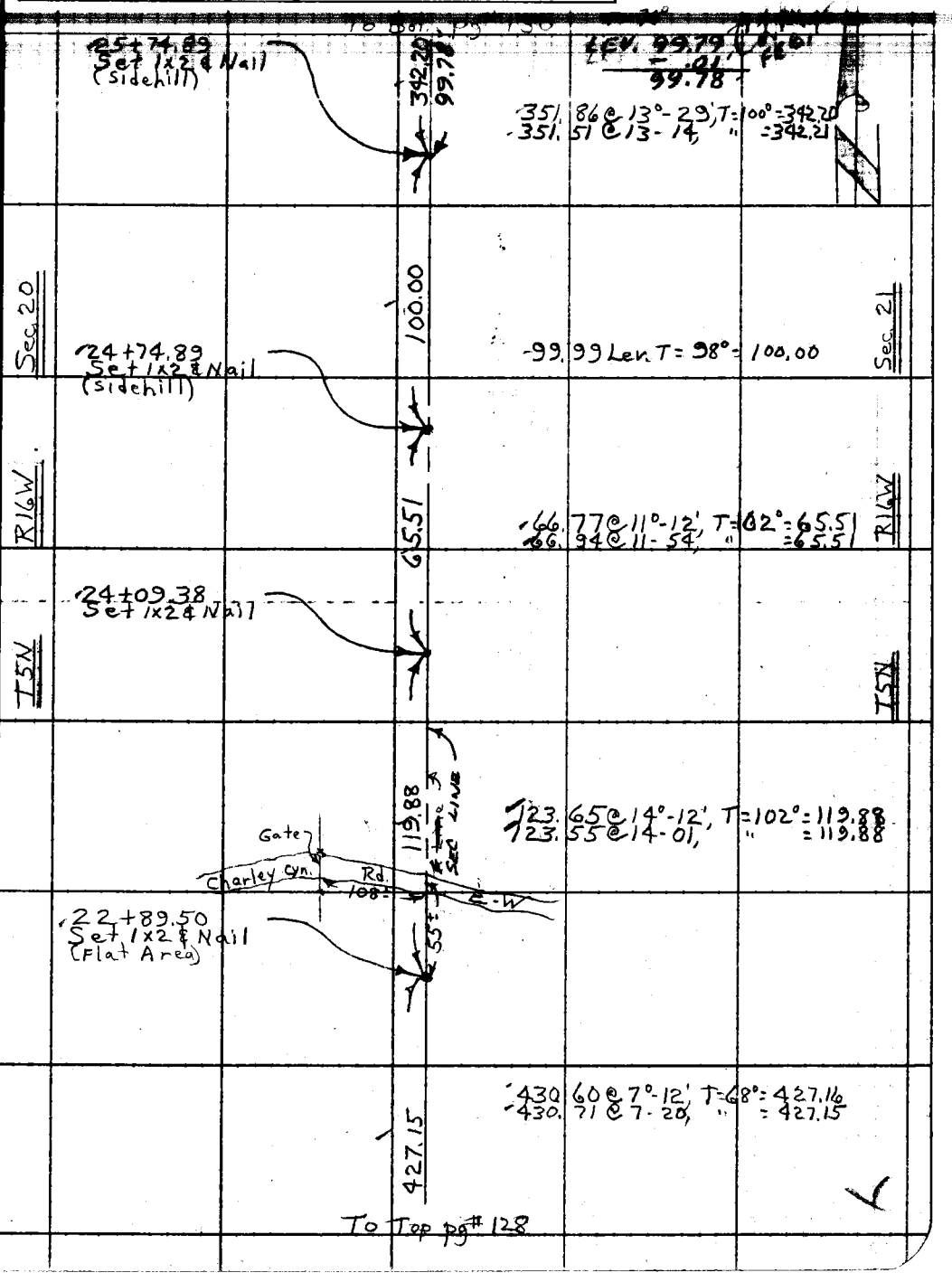
Notes Ck'd by M. R. NEVAREZ	Survey of [illegible] Sec. 21	F. B. 3454 Pg. 129
Map No.	JN 0302.01 Tape "B" Std. 84	
Office Work	Surveyed by [illegible]	
Checked	Notes D.L.B. Date 6-72	
Date	Indexed G. D. BAILEY MAR 25 19[illegible]	



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76F309S CE#310 3-69

F. B. 3454 PG. 130 To Bot. pg# 131

COUNTY ENGINEER T5N R16W 20 21 1/4 COR. R.E. 7078

MARKED C.L. Wright FEB '75

36+79.66 Set 1x2 & Nail (Sidehill)

698.93

SET C.E. BY PROPORTION - 1/2 MILE S. OF N.W. COR & 1/2 MILE N. OF S.W. COR OF SECTION 21, T5N R16W PER C.S. 9103-11

366.79

366.81 @ 0°-58', T=94° = 366.78
366.83 @ 0°-54', " = 366.81
Avg = 366.79

350.20 @ 1°-00', T=100° = 350.19
350.18 @ 0°-51', " = 350.18
Avg = 350.19

33+12.87 Set 1x2 & Nail (Sidehill)

358.88 @ 13°-40', T=96° = 348.75
358.63 @ 13-31', " = 348.73
Avg = 348.74
350.19
698.93

Sec. 20 Sec. 21

395.78 Line SEC

395.80 @ 0°-57', T=96° = 395.78
395.78 @ 0°-48' " = 395.77

R16W R16W

29+17.09 Set 2" I.P. Conc. Plug & C.E. Tag 1" UP (Sidehill) Set 2" Mkr Pipe 3" W'ly

1) 38°-52'-30
2) 77-45-00
38-52-30

1) 47°-50'-00"
2) 95-40-00
47-50-00

T5N T5N

326.15 @ 23°-29', T=102° = 299.18
325.53 @ 23-14' " = 299.17
T = 74°

258.69 @ 20°-25' = 242.44'
258.27 @ 20-10 = 242.44'
C.L.W. FEB. '75

242.44'
-.02'
242.42'

276.54 @ 5°-31', T=100° = 275.29
276.43 @ 5°-17' " = 275.29

96.91 @ 9°-30', T=100° = 95.59
96.69 @ 8°-42' " = 95.59
275.29
370.88

370.88 342.20 288.80 calc 200.83 242.42 299.17

Set Sq. Spk & T in 30" Oak.

38°-52'-30" 47°-50'-00"

30.22

27+16.26 Fd. 1x2 & Nail in Rk. mnd. (2 x 0.5) F.B. 512-251

This pt. has been accepted as 1/4 cor Sec. 20 & 21 by Raymond Day (R.E.) Making a Survey for O.W. Shaw about 1935
C.L.W. FEB '75

221.74 calc.

24.31

26+74.67
232.78 calc.
187.77

99.78

Fd. 3x3 Redwood Stk. 10" UP. Per RS1-2 (Not original) 26+28.29

Set Sq. Spk & T in 2 prong 24" Oak

Set Sq. hd. Spk & T in 40" Oak, Same oak has cut spk in root Per F.B. 512-251

To Top pg# 129

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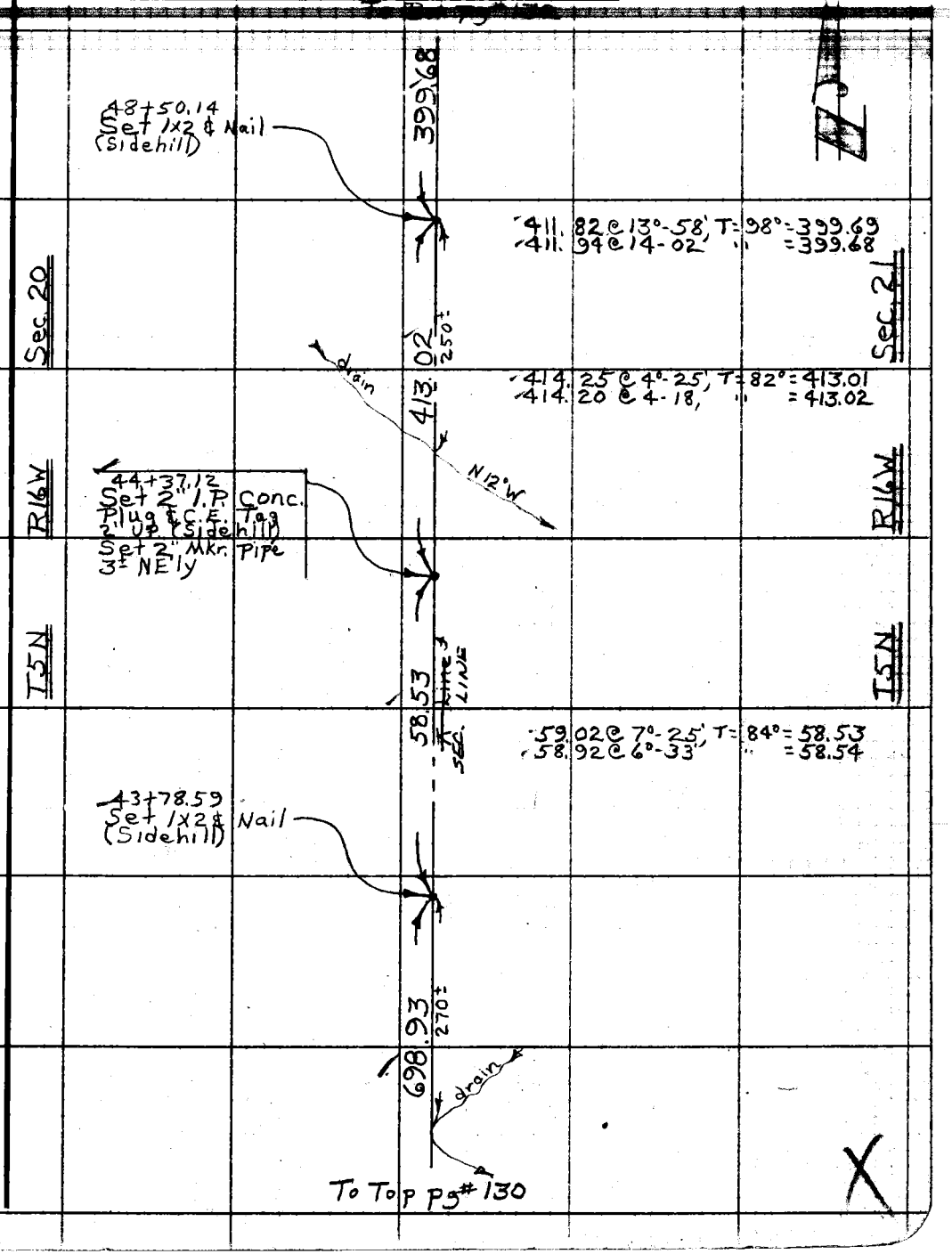
W.S. 77 B-5

Notes Ck'd by M. R. NEVAREZ	Survey of W½ T5N, R16W Sec. 21
Map No.	JN [illegible] Tape "D" Std [illegible]
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-72
Date	Indexed G. D. BAILEY MAR 25 1974

F. B. 3454 Pg. 131



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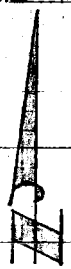
F. B. 3454 Pg. 132



T5N R16W Sec 17

T5N R16W Sec 16

T5N R16W Sec 20

T5N R16W Sec 21

℄ SEC LINE (SEE PG 146)

SEE PG 188 FOR ℄ IN N.E. QUADRANT.

Brad

℄ SEC LINE (SEE PGS 118, 187)

℄ Line 2

0+53.92
Fd. 1x2 & Nail
Per F.B. 3454-118

4+33.47
Fd 2" I.P.
Conc. Plug &
C.E. Tag per
F.B. 3454-119

S 3+49.35 fr. S.O. = 0+00 E.
Sec. Cor.
Fd C.S. Mon. Flush
Mkd. as shown
Per F.B. 512-249, 250
F.B. 3454-118, 143, 187
Fd. 2" Mkr. Pipe 4 NE'ly

85° 26' 05"

99.53

52+49.88
Set 1x2 & Nail
(sidehill)

D 85° - 26' - 05"
341 - 44 - 30
752 - 36 - 30
85 - 26 - 05

399.68 ℄ Line 3 Sec. Line

COUNTY SURVEYOR
T5N
17 | 16
20 | 21
RE. 2177

To Top pg # 131

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Notes Ck'd by C. R. BOSS	Survey of SEC. 20 T5N R16W
Map No.	JN0304-91 Tape 109 Std. 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 8-3-72
Date	Indexed G. D. BAILEY MAR [illegible] 197[illegible]

F. B. 3454 PG. 133

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RE. SETTING
OF
NORTH 1/4 CORNER
SECTION 20
T 5 N R 16 W

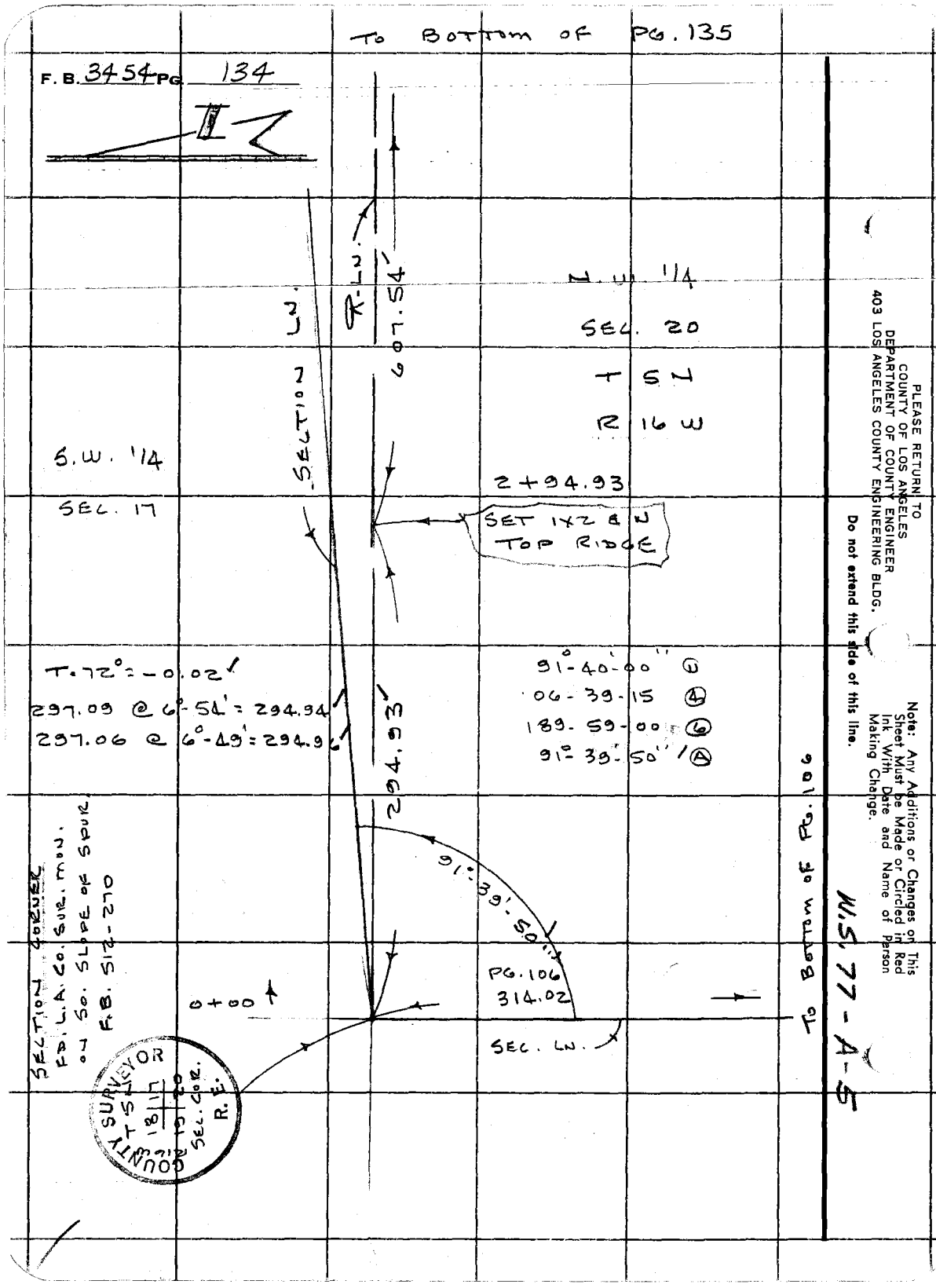
CORNER REMOVED BY
EDISON Co. - CONST.
OF NEW HIGH LINE

Pgs. 133-144

WORK DONE
BY L. JONES (ACTING CHIEF)
JULY 1972

MENNE
JONES
WALKER
MANLEY
HUCKABY
MUNOZ
KABLER ?

16F309S CE#310 3-68



TO BOTTOM OF PG. 135
F. B. 3454 PG. 134
N.W. 1/4
SEC. 20
T 5 N
R 16 W
SECTION LN.
R. LN.
607.54'
S.W. 1/4
SEC. 17
2+94.93
SET 1X2 & N TOP RIDGE
T. 72° = -0.02'
297.09 @ 6°-54' = 294.94
297.06 @ 6°-49' = 294.96
91°-40'-00" (1)
06-39-15 (4)
189-59-00 (6)
91°-39'-50" (A)
294.93'
91°-39'-50"
PG. 106
314.02
0+00
SEC. LN.
SECTION CORNER
FD. L.A. CO. SUR. MON.
ON SO. SLOPE OF SPUR.
F.B. 512-270
COUNTY SURVEYOR
T 5 N
18 17
19 20
SEC. COR.
R. E.
TO BOTTOM OF PG. 106
W.S. 77-A-5
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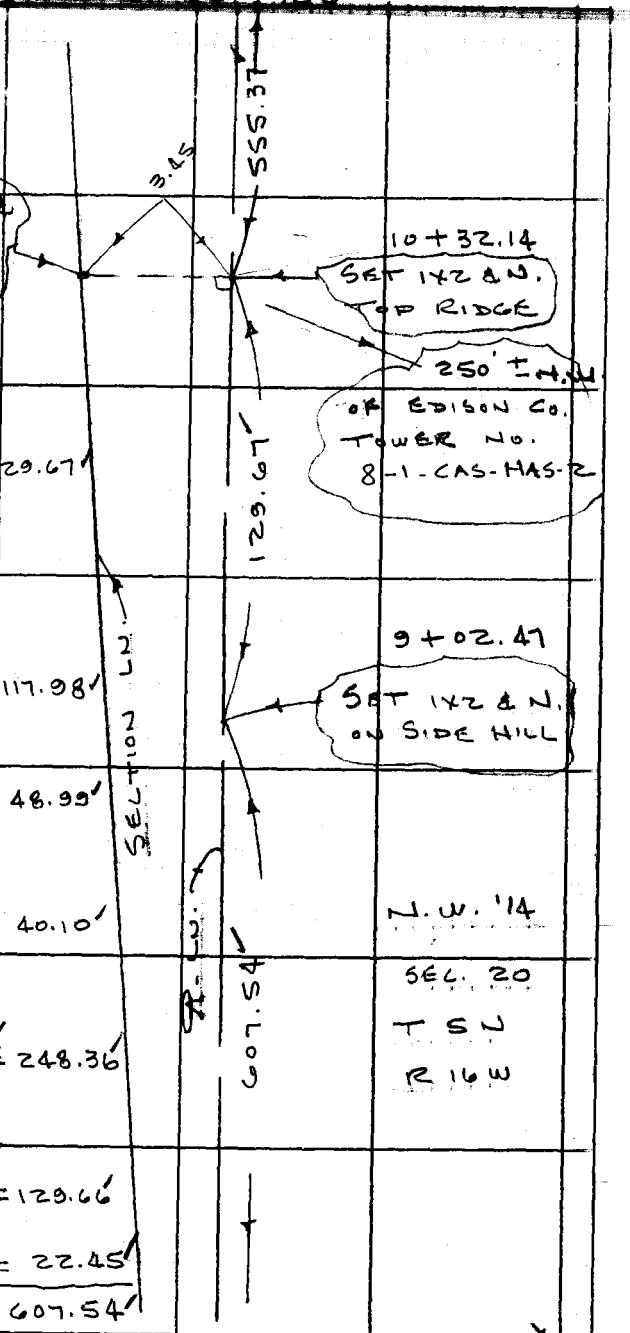
Notes Ck'd by C. R. GOS	Survey of SEC. 20 T 5N R16W
Map No.	JN0302.11 Tape 109 Std. 84 °F
Office Work	Surveyed by J. P. MEUNE
Checked	Notes J. P. M. Date 8-2-72
Date	Indexed G. D. BAILEY MAR 25 1974

F. B. 3454 PG. 135

TO BOTTOM OF PG. 136



S.W. 1/4
SEC. 17

SET 2" I.P. & L.A. CO. ENG. TAG-(UP 2") & MKR. PIPE 2' NORTH

10+32.14
SET 1X2 & N. TOP RIDGE

250' ± N.W. OF EDISON CO. TOWER NO. 8-1-CAS-HAS-2

T-70° = -0.01
130.90 @ 7°-48' = 129.69
130.99 @ 8°-08' = 129.67 = 129.67

T = 68°
-01
121.09 @ 12°-58' = 118.00
121.01 @ 12°-49' = 117.99 = 117.98

9+02.47
SET 1X2 & N. ON SIDE HILL

-01
~~54.73 @ 26-27' = 49.00~~
54.57 @ 26-05 = 49.01 = 48.99

= 0
41.69 @ 15°-51' = 40.10
41.91 @ 16°-54' = 40.10 = 40.10

N.W. 1/4
SEC. 20
T 5N
R 16W

-0.03
294.90 @ 32°-37' = 248.39
294.63 @ 32°-32' = 248.40 = 248.36

-0.01
143.04 @ 24°-58' = 129.67
143.21 @ 25°-07' = 129.67 = 129.66

22.45 LEV. = 22.45

607.54

TO TOP OF PG. 134

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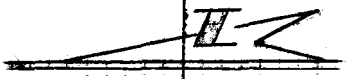
76F309S CE#310 3-68

TO BOTTOM OF PG. 137

F.B. 3454 PG. 136



S.W. 1/4
SEC. 17

T-90° = 0'
81.56 @ 16°-17' = 78.29'
81.29 @ 15°-37' = 78.29' = 0'
15.90 LEV = 78.29'
15.90'
94.19'

T. 92° = 0'
32.09 LEV. = 32.09'

T-92° = 0'
44.20 @ 16°-11' = 42.45'
44.33 @ 16°-47' = 42.44' = 42.44'

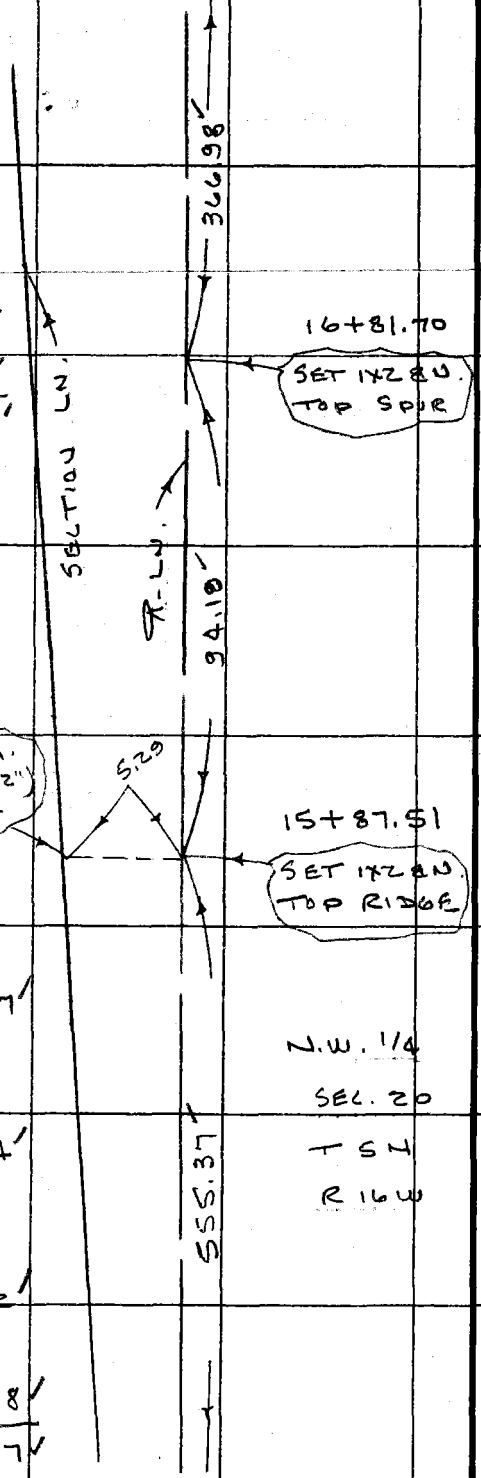
T-90° = 0'
79.35 @ 21°-40' = 73.74'
78.98 @ 21°-02' = 73.72' = 73.73'

T-94° = +0.02'
300.38 @ 3°-05' = 299.94'
300.46 @ 3°-18' = 299.96' = 299.97'

T-82° = 0'
38.33 @ 30°-43' = 32.95'
38.04 @ 30°-01' = 32.94' = 32.94'

T-80° = 0'
38.40 @ 3°-45' = 38.32'
38.49 @ 5°-25' = 38.32' = 38.32'

T-82° = 0'
35.88 LEV. = 35.88'
555.37'



N.W. 1/4
SEC. 20
T 5 N
R 16 W

TO TOP OF PG. 135

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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Notes Ck'd by [illegible]	Survey of SEC. 20 T 5N R 16W
Map No.	JN0302.01 Tape 109 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 8-2-72
Date	Indexed G. D. BAILEY MAR 25 1974

F. B. 3454 PG. 137

TO BOTTOM OF PG. 138

S.W. 1/4
SEC. 17

T- 108° = +0.01
37.39 @ 28-35 = 32.83
37.06 @ 27-39 = 32.83 = 32.84

T- 96° = +0.01
163.77 @ 31-23 = 139.81
163.41 @ 31°-11' = 139.80 = 139.81

172.65

T- 94° = +0.02
279.36 @ 15°-18' = 269.46
279.23 @ 15°-11' = 269.48 = 269.49 ~~[illegible]~~

T- 96° = +0.01
69.86 @ 16°-19' = 67.05
69.65 @ 15°-42' = 67.05 = 67.06

336.55

T- 92° = +0.02
288.41 @ 16°-29' = 276.56
288.54 @ 16°-35' = 276.54 = 276.57

T- 90° = 0
101.63 @ 27°-10' = 90.42
102.19 @ 27°-47' = 90.41 = 90.41

336.98

172.65

23 + 85.23
SET 1X2 & N. ON SIDE HILL

336.55

20 + 48.68
SET 1X2 & N. TOP SPUR.

SECTION LN.

R. LN.

366.98

N.W. 1/4
SEC. 20
T. 5N
R 16W

TO TOP OF PG. 136

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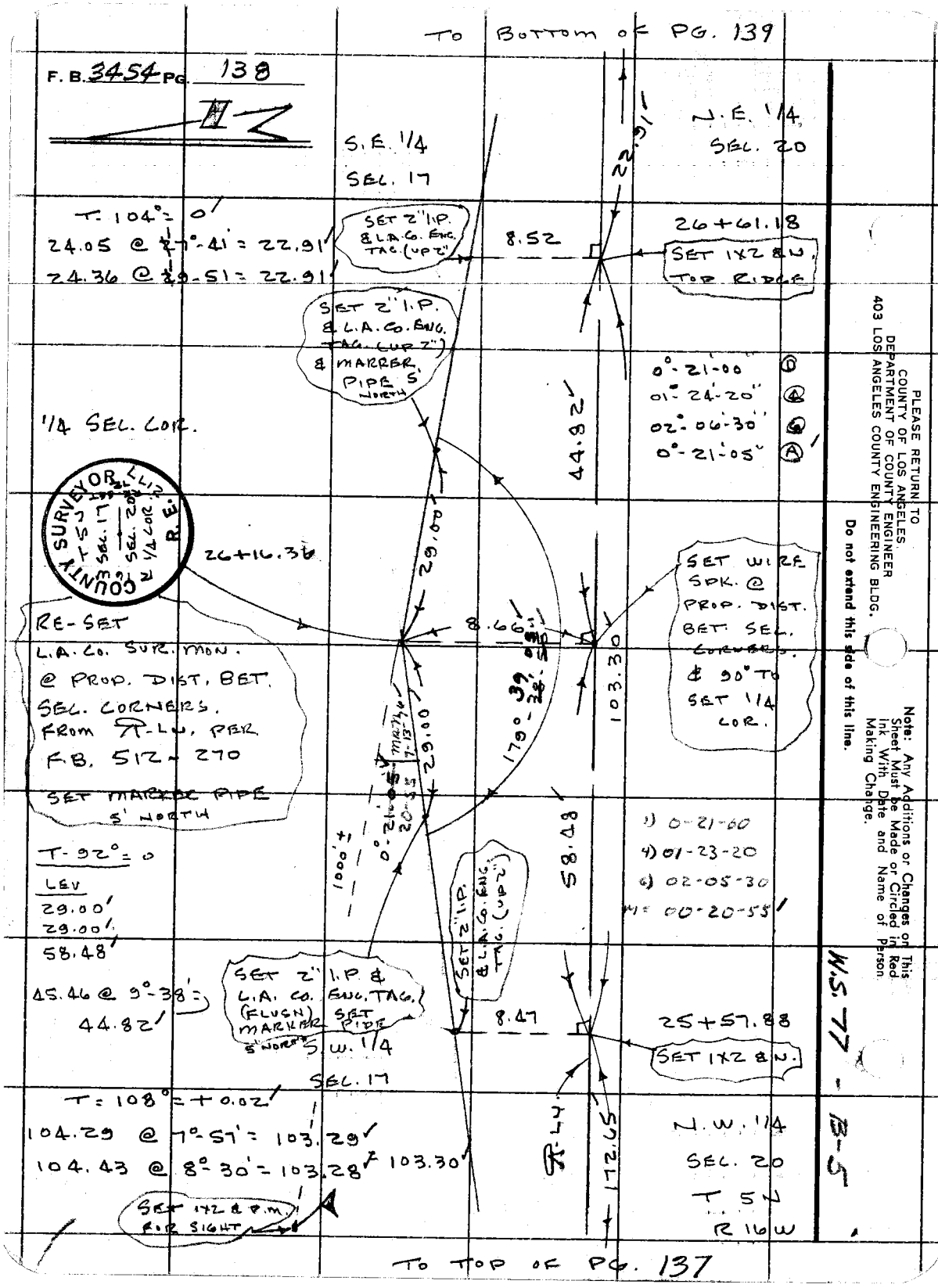
76F309S CE#310 3-68



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W.S. 77 - B-5

Notes Ck'd by R. R. GO[illegible]	Survey of SEC. 20 T 5N R16W
Map No.	JN 0302.01 Tape 109 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 8-2-72
Date	Indexed G. D. BAILEY MAR 25 1974

F. B. 3454 PG. 139

140

S.E. 1/4
SEC. 17

SECTION LN.

R-LN.

35.79

31 + 16.35
SET 1X2 & N. ON SIDE HILL

346.80

T-104° = 0
35.79 LEV.

27 + 69.55
SET 1X2 & N. ON SIDE HILL

85.46

N.E. 1/4
SEC. 20
T 5N
R 16W

T-104° = +0.04
298.76 @ 25°-50' = 268.90
298.99 @ 25°-56' = 268.88 = 268.93

T-108° = +0.01
87.75 @ 27°-27' = 77.87
87.41 @ 27°-02' = 77.86 = 77.87
346.80

26 + 84.09
SET 1X2 & N E. SIDE OF RIDGE

22.91

T-104° = +0.01
95.24 @ 26°-12' = 85.45
95.07 @ 26-00 = 85.45 = 85.46

TO TOP OF PG 138

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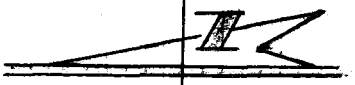
76F309S CE#310 3-68

To Bottom of Pg. 141

F.B. 3454 Pg. 140



S.E. 1/4

SEC. 17

T- 98° = +0.02

200.04 @ 36°-47' = 160.21

200.32 @ 36°-54' = 160.19 = 160.22

T- 104° = +0.03

268.20 @ 29°-07' = 234.31

268.43 @ 29°-12' = 234.32 = 234.34

T- 106° = +0.01

82.98 @ 8°-45' = 82.01

82.73 @ 7°-33' = 82.01 = 82.02

476.58

T- 110° = +0.04

262.54 @ 28°-28' = 230.80

262.26 @ 28°-21' = 230.80 = 230.84

T- 104° = +0.01

60.56 @ 29-30 = 52.71

60.11 @ 28°-45' = 52.70 = 52.71

SECTION LINE

476.58

34+35.69

SET 1/2 & N. of SIDE HILL

230.84

S.E. 1/4

SEC. 20

T 5 N

R 16 W

32+04.85

SET 1/2 & N. of SPUR

52.71

31+52.14

SET 1/2 & N. TOP SPUR

35.69

To Top of Pg. 139

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Notes Ck'd by C. R. [illegible]	Survey of SEC. 20 T5N R16W
Map No.	JN 0302.01 Tape 103 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J. P. M. Date 8-2-72
Date	Indexed G. D. BAILEY MAR 25 1974

F. B. 3454 PG. 141

142

SET 2" I.P. & L.A. CO. ENG. TAG. (UP 2') & MARKER PIPE 2' NORTH.

S.E. 1/4

SEC. 17

3.03

66.35

45 +75.00

SET 1X2 & N. TOP RIDGE

T- 116° = +0.01

67.97 @ 12°-35' = 66.34

67.78 @ 11°-51' = 66.34 = 66.35

576.12

N.E 1/4
SEC. 20
T 5N
R16W

T- 114° = +0.01

36.70 @ 12°-49' = 35.79

36.51 @ 11°-27' = 35.78 = 35.79

39 +98.88

SET 1X2 & N. EDGE RIDGE

T- 118° = +0.06

261.41 @ 9°-32' = 257.80

261.54 @ 9°-42' = 257.80 = 257.86

86.61

SECTION LN.

R-LN.

T = 116° = +0.06

269.64 @ 2°-35' = 269.36

269.71 @ 2°-51' = 269.38 = 269.43

39 +12.27

SET 1X2 & N. ON SIDE HILL

T = 116°

13.04 LEV. = 13.04

576.12

T = 96° = +0.01

104.86 @ 34°-19' = 86.61

104.21 @ 33°-48' = 86.60 = 86.61

476.58

TO TOP OF PG. 140

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76F309S CE#310 3-68

To Bottom of Pg. 143

F. B. 3454 Pg. 142

SET 2" I.P. & L.A.CO. ENG. TAG. (UP 2") & MARKING PIPE 2' NORTH ON EDGE OF SPUR.

S.E. 1/4

SEC. 17

70.49'

51+20.03

SET 1X2 BN.

66.86'

N.E. 1/4

SEC. 20

T 5 N

R 16 W

50+53.17

SET 1X2 BN TOP SPUR.

411.82'

46+41.35

SET 1X2 BN EDGE OF RIDGE

66.35'

SECTION LINE

T. 96° = +0.01'

74.64 @ 19°-12' = 70.49'

74.27 @ 18°-23' = 70.48' = 70.49'

T. 108° = +0.01'

66.85 ELEV. = 66.86'

T = 108° = +0.02'

152.08 @ 12°-08' = 148.68'

152.32 @ 12°-34' = 148.69' = 148.69'

T = 110° = +0.05'

275.77 @ 17°-27' = 263.08'

276.29 @ 17°-47' = 263.09' = 263.13'

411.82'

To Top of Pg. 141

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Notes Ck'd by C. R. GOSS	Survey of SEC. 20 T5N R16W
Map No.	JN 0302-01 Tape 100 Std. 8 °F
Office Work	Surveyed by J. D. MENNE
Checked	Notes J. H. M. Date 5-4-72
Date	Indexed G. D. BAILEY MAR 25 1976

F. B. 3454 PG. 143

SECTION COR.
FD. L.A. Co. SUR. MON
F.B. 512-249
See F.B. 3454-118, 132

COUNTY SURVEYOR
T5N
17 16
20 21
SEC. COR.
R. E.

56+31.45

368.76

SECTION LN.

52+62.69
SET 1X2 8 N.
ON SIDE HILL

72.17

T-98° = +0.01
69.93 @ LEV. = 69.94

T-106° = +0.04
~~299.73 @ 4°-32' = 298.79~~
299.67 @ 4°-26' = 298.77 = 298.82
368.76

51+90.52
SET 1X2 8 N.
ON SIDE HILL

T-102° = +0.01
83.17 @ 29°-49' = 72.16
83.64 @ 30°-22' = 72.17

R-2

10.49

TO TOP OF PG. 142

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W.S. 77 - B-5

76F309S CE#310 3-68

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F. B. 1454 PG. 144

Notes Ck'd by [illegible]	Survey of SEC. 17 T.5N. R16W.
Map No.	JN 030201 Tape [illegible] Std [illegible] °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes [illegible] Date [illegible]
Date	Indexed T. M. PALMER

F. B. 3454 PG. 145

SECTION LINES

J.N. 030201

EAST LINE OF SECTION 17
T5N, R16W. TRANSIT LINE
COMMENCING AT THE S.E.LY.
CORNER OF SECTION 17, 0+00

GOING N.LY. TO STATION 20+37.86 — Pgs. 145-151

NOTE: TRANSIT LINE IS A STRAIGHT LINE BETWEEN THE SE'LY. CORNER OF SECTION 17 AND THE CLOSING CORNER OF SECTION 5

① E. Line Sec 17 T5N R16W
T Line Sta. 20+37.86 N'ly. to Sta. 53+04.27
Pgs. 151-157

② N. Line Sec. 17 T5N R16W
T Line NW Cor Sec 17 T5N R16W E'ly to Sta 55+64.32
Pgs. 159-163

③ E. Line Sec. 8 & 5 T5N R16W
T Line Sta 53+04.27 N'ly to Sta 161+71.59
Pgs 163-165
175-184

PARTY
BROWN, L.L.
MASSEY, R.C.
FISHER, L.O.
DOMINGUEZ, C.

④ N. Line Sec 16 T5N R16W
T Line ± NW Cor Sec. 16 E'ly. to ± NE Cor Sec 16
Pgs. 167-174

⑤

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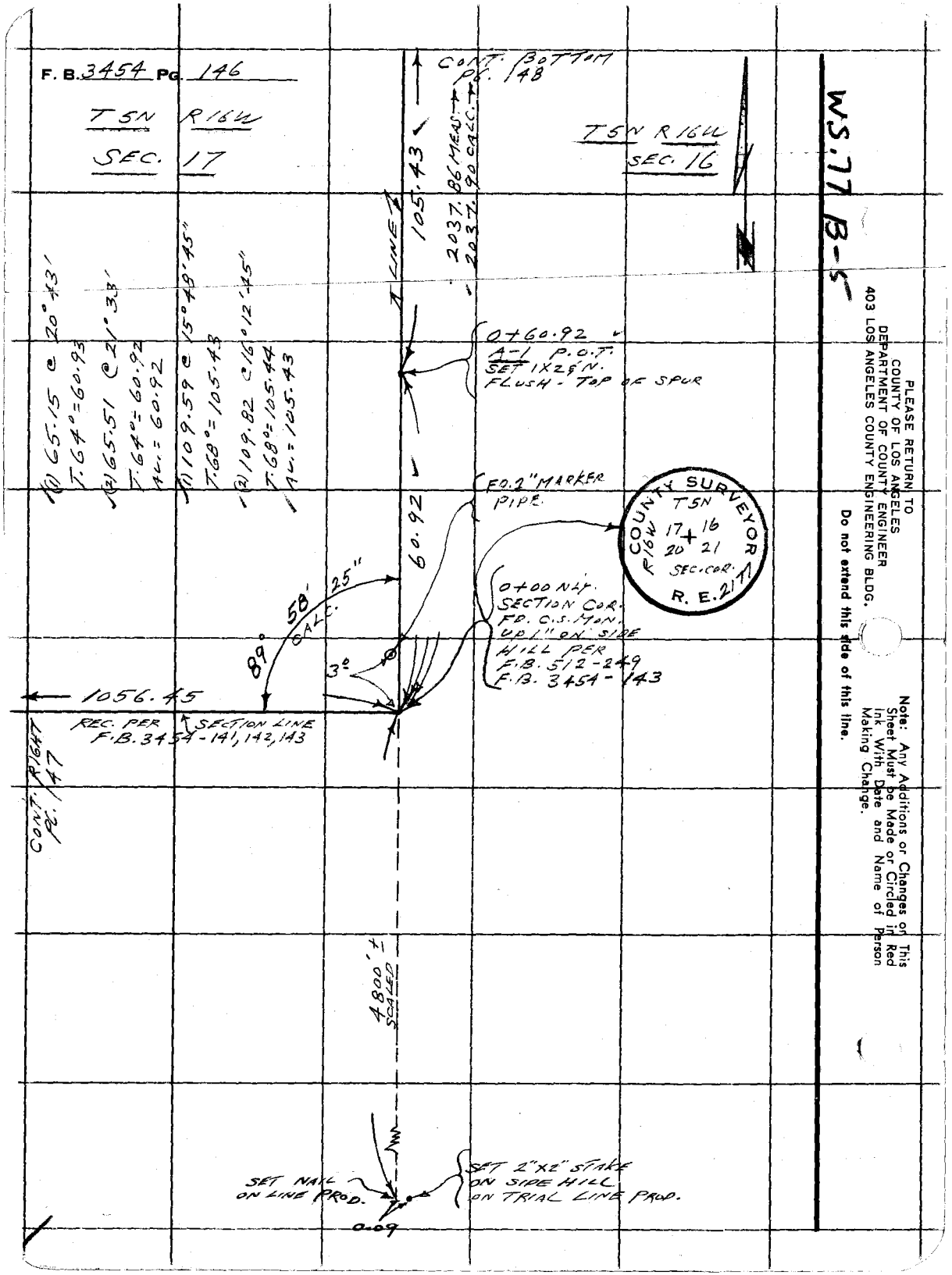
16F309S CE#310 3-68



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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 B.R. [illegible]	Survey of W. HALF T5N R16W
Map No.	JN0302-01 Tape 14 Std [illegible] °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-2-73
Date	Indexed [illegible]

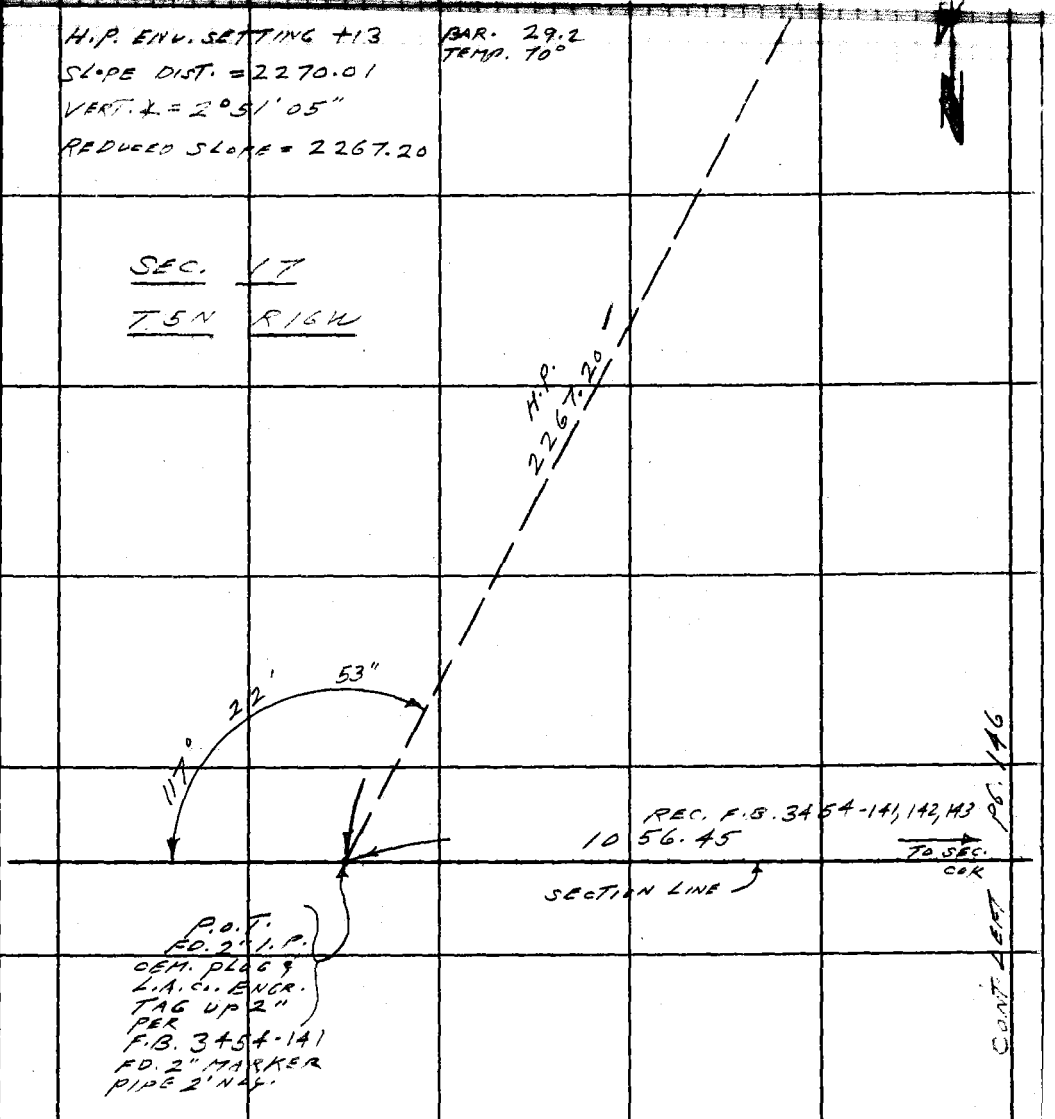
F. B. 3454 PG. 147

CONT. [illegible]

H.P. ENV. SETTING +13
SLOPE DIST. = 2270.01
VERT. ∡ = 2°51'05"
REDUCED SLOPE = 2267.20

BAR. 29.2
TEMP. 70°

SEC. 17
T5N R16W



(1) 117° 23' 00"
(4) 109° 31' 30"
(6) 344° 17' 20"
AV. = 117° 22' 53"

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76F309S CE#310 3-68

F. B. 3454 PG. 148

CONT. BOTTOM PG. 149

133.42

SPUR N80° E

6+70.68 A-3 SET 2" I.P. CEM. PLUG & L.A.Co. ENGR. TAG UP 2" TOP OF SPUR

153.92

(1) 157.02 @ 1°07'30" T.60°=153.91

(2) 156.82 @ 10°58'40" T.60°=153.93

-Av.=153.92

5+16.76 CHAINING POINT SET IX2 IN ON SIDE HILL

(1) 263.24 @ 9°46' T.66°=259.39

(2) 263.43 @ 10°00'20" T.66°=259.59

-Av.=259.39

SEC. 17 T5N R16W

℄ LINE

259.39

2037.86 MEAS.

2037.90 CALC.

SEC. 16 T5N R16W

2757.37 A-2 P.O.T. SET IX2 IN. FLUSH - TOP OF SPUR

91.02

(1) 94.98 @ 16°24' T.64°=91.03

(2) 94.55 @ 15°40'40" T.64°=91.02

-Av.=91.02

1+66.35 CHAINING POINT SET IX2 ON SIDE HILL

145.43

CONT. TOP PG. 146

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Notes Ck'd by B.R. Jahn	Survey of W. HALF T5N R16W
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes [illegible] Date [illegible]
Date	Indexed M. PALMER JUN 3 '75

F. B. 3454 PG. 149

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(1) 134.00 @ 5°14'20" T. 64° = 133.42
(2) 133.88 @ 4°35'40" T. 64° = 133.43
AV. = 133.42

(1) 42.57 @ 3°20' T. 66° = 42.49
(2) 42.69 @ 5°20' T. 66° = 42.49
AV. = 42.49

(1) 228.09 @ 4°49' T. 70° = 227.26
(2) 227.99 @ 4°29' T. 70° = 227.27
AV. = 227.26

(1) 134.61 @ 6°30' T. 70° = 133.73
(2) 134.46 @ 5°57' T. 70° = 133.73
AV. = 133.73

SEC. 17
T5N R16W

SEC. 16
T5N R16W

133.73

10+73.85
CHAINING POINT
SET CHIS. + ON ROCK
ON SIDE HILL

T LINE ℄
227.26
2037.86 MEAS.
2037.90 CALC.

8+46.59
CHAINING POINT
SET 1X2 & N.
ON SIDE HILL

42.49

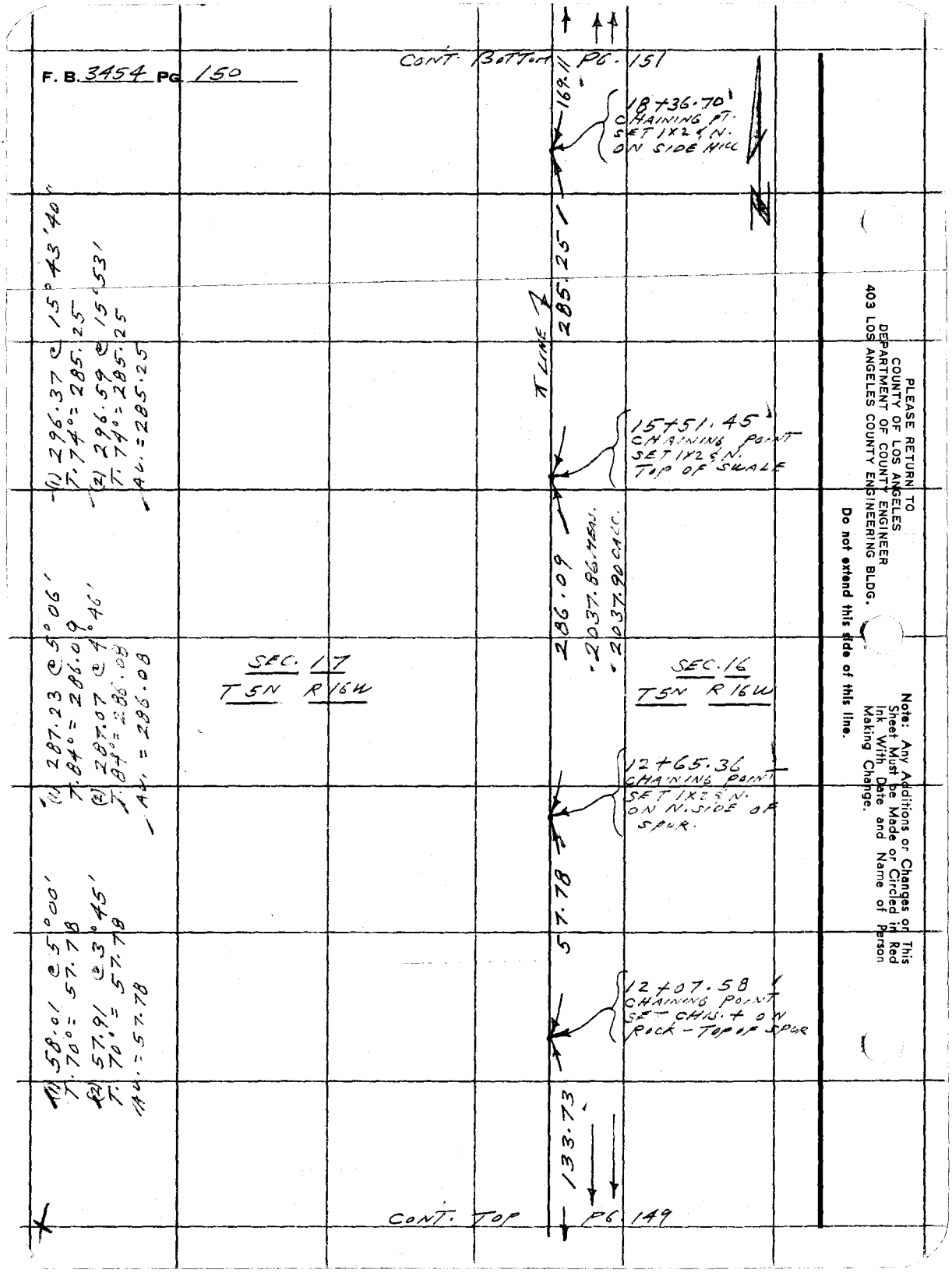
8+04.10
CHAINING POINT
SET 1X2 & N.
ON SIDE HILL

133.42

CONT. TOP PG. 148

76F309S CE#310 3-68

F. B. 3454 PG. 150



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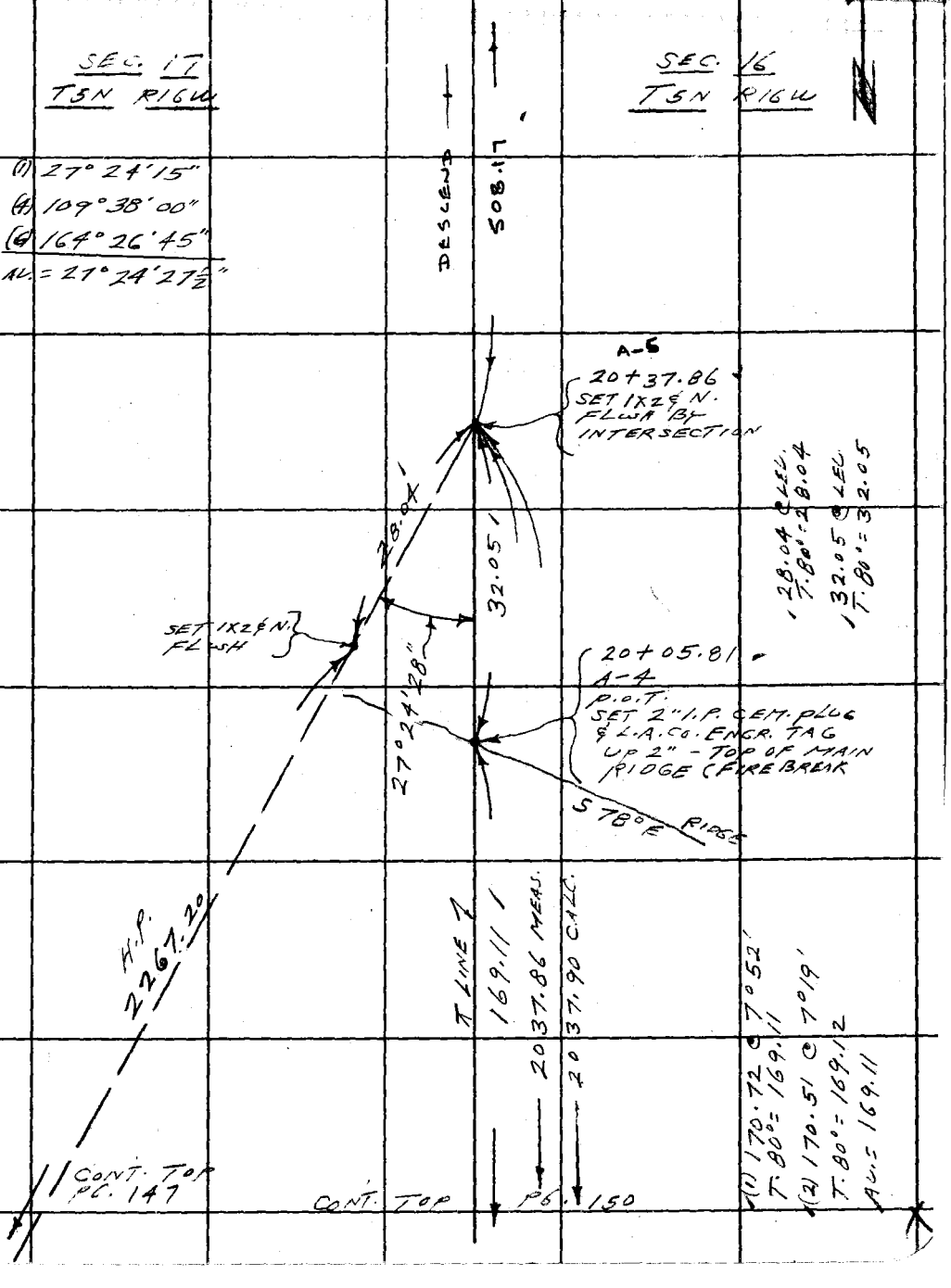
Notes Ck'd by BR [illegible]	Survey of W. HALF T5N R16W
Map No. 11	JN 030[illegible] Tape 147 Std [illegible] °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date [illegible]
Date	Indexed [illegible] M. PALMER JUN [illegible] '75

F. B. 3454 PG. 151



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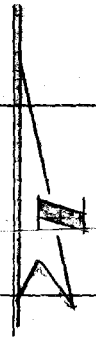
76F309S CE#310 3-68

TO BOTTOM OF PG. 153

F. B. 3454 PG. 152



SEC. 17

T 5N

R 14W

SEC. 16

156.12 ✓

235.72 ✓

56.27 ✓

60.06 ✓

508.17

T - 68° = -0.02

✓177.65 @ 28°-29' = 156.15

✓177.94 @ 28°-39'-40" = 156.14

T = 70° = -0.02

✓235.74 LEV. = 235.72

T - 68° = -0.01

✓67.01 @ 32-52'-20" = 56.28

✓67.25 @ 33°-14'-30" = 56.28

T - 68° = -0.01

✓64.75 @ 21°-55' = 60.07

✓64.60 @ 21°-35'-30 = 60.07

508.17

K-LW

ASCESCEND

S 85° E

22+53

DESCEND

TO TOP OF PG. 151

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SECTION LINE

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

Survey of SEC. 17 T5S. R16W.
JN 03072 Tape 5 Std 84 °F
Surveyed by J.P. MENOR
Notes J.P.M Date 3-74
Indexed T.M. PALMER JUN 3 '75

F.B. 3454 PG. 153

To Bottom of Pg. 154

T-74° = -0.02
233.19 @ 4°-41' = 232.41
233.11 @ 4°-24' = 232.42

232.39

T-76° = -0.01
131.31 @ 3°-37' = 131.05
131.38 @ 4°-09' = 131.04

131.03

363.42

SEARCHED THIS AREA FOR 1/4 COR.
PBR C.S. 9103
NOTHING FD.

EAST SPUR

363.42

9.65

128.99

C R=42.20'

N 85°-28-35" E

29-49-00 ①
119-16-20 ④
178-54-30 ⑥
29°-49-05" Ⓐ

64°-42-20" ①
258-49-20 ④
28-14-00 ⑥
64°-42-20" Ⓐ

85°-28-35" ①
341-54-20 ④
152-51-30 ⑥
85°-28-35" Ⓐ

C 60.19 CALC

191.58

248.16

150.12 M.

(1) 150.47 ∠ 3°55'
T. 82° = 150.12
(4) 150.57 ∠ 4°27'
T. 82° = 150.12
L.L. BROWN
5-10-74

(1) 253.34 ∠ 11°37'
T. 82° = 248.15
(2) 253.05 ∠ 11°16'
T. 82° = 248.17
Ave. = 248.16

SPUR

SEC. 17
T 5 S
R 16 W

(1) 150.60 ∠ 31°04'25"
T. 70° = 128.98
(2) 150.01 ∠ 30°41'
T. 70° = 129.00
Ave. = 128.99
9.65 ∠ Rec.
T. 68° = 9.65

T. 74° = 191.38

508.17

A-7
32+74.62
SET 2" I.P. & L.A. CO. ENG. TAG. (UP 3")

SET MKR. PIPE 3' EAST. TOP SPUR

(3) 435.89 P.O.T. SET 1X2 FLUSH IN STUMP SIDEHILL

N 78° E

30+74

R-Ln.

N 78° E SPUR

29+44.31 P.O.T. SET 1X2 FLUSH TOP OF SPUR

R 28.55 (CALC.)

29°-49-05"

27+96

26+96.15 P.O.T. SET 1X2 FLUSH TOP SPUR

N 78° E

25+46.03

A-6

SET 2" I.P. & L.A. CO. ENG. TAG (FLUSH)

TOP SPUR

SEC. 16

TO TOP OF PG. 152

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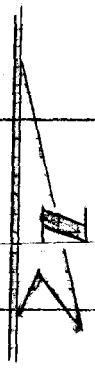
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-68

To Bottom of Pg. 155

3454
F.B. ~~3453~~ Pg. 154



SEC. 17
T 5 N
R 16 W

SEC. 16

285.80

A-9
40 + 86.06
SET 1½ & N
ON SIDE HILL

T = 70° = -0.03
290.65 @ 10°-27' = 285.83
290.65 @ 10°-13' = 285.84

T = 70° = -0.01
150.25 @ 13°-39' = 146.01
150.15 @ 13°-29' = 146.01

322.94

DESCEND

146.00
176.94
322.94

T = 70° = -0.02
184.19 @ 16°-06' = 176.97
184.06 @ 15°-58' = 176.96

A-8
37 + 63.12
SET 1½ & N.
ON SIDE HILL

T = 66°
36.30 LEN. = 36.30
-0.01
56.45 @ 16°-21' = 54.17
56.31 @ 15°-52' = 54.16
-0.03
298.93 @ 15°-42' = 287.78
298.79 @ 15°-37' = 287.76
-0.01
114.62 @ 15°-44' = 110.33
114.46 @ 15°-27' = 110.32

488.50

R-L.V.

36.30
54.15
287.74
110.31
488.50

To Top of Pg. 153

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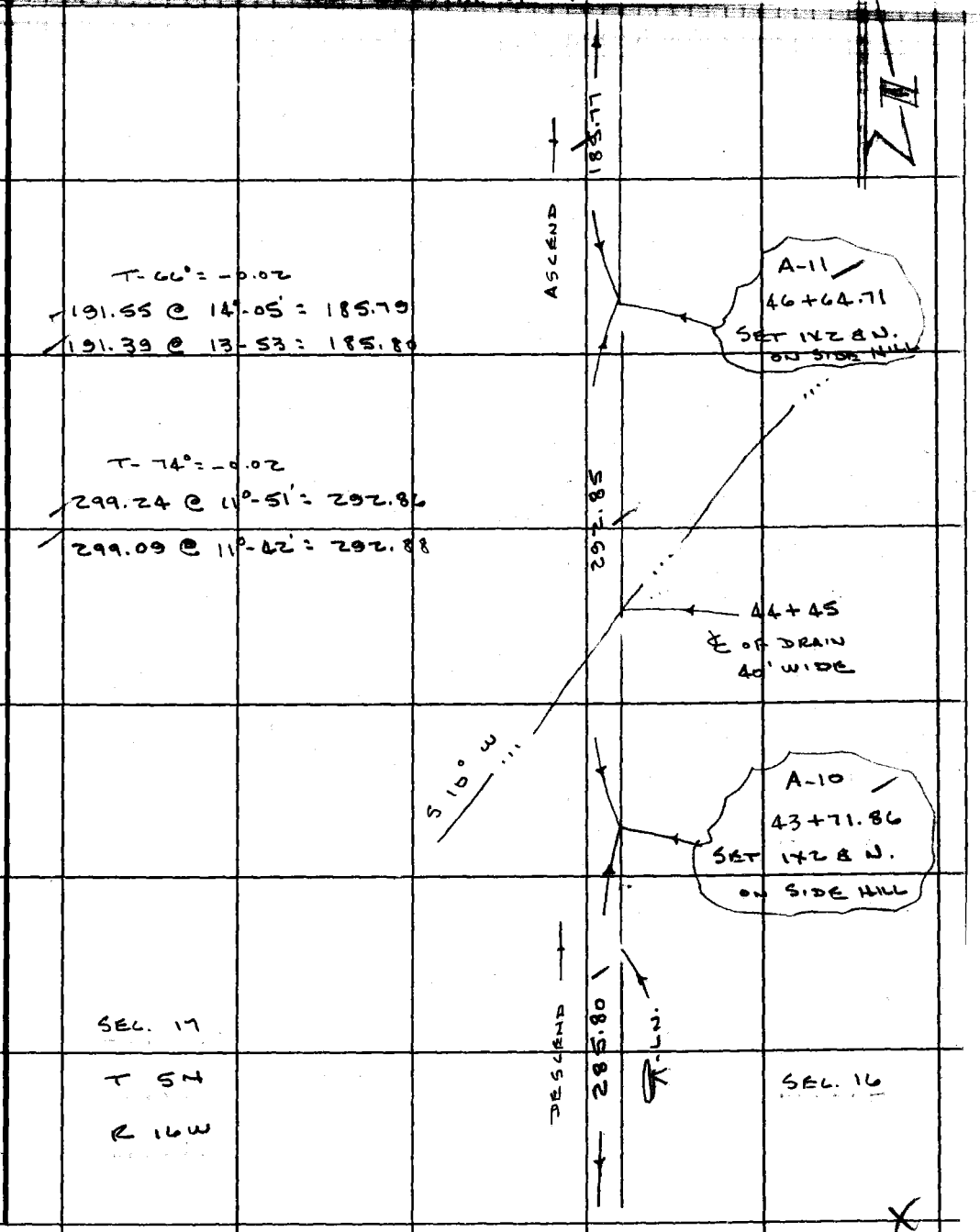
SECTION LINE

Notes Ck'd by B R Jackson	Survey of SEC. 17 T 5N R 16W
Map No.	JN 0302.01 Tape 8 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 3-74
Date	Indexed M. PALMERI JUN 3 '75

F. B. 3454 PG. 155

TO BOTTOM OF PG. 154



TO TOP OF PG. 154

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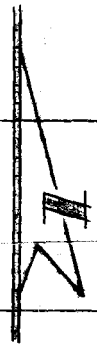
76F3095 CE#310 3-68

TO BOTTOM OF PG. 157

F. B. 3454 PG. 156



SEC. 17

T 5N

R 16W

① 47.08 @ 3°05' T. 72° = 47.01

② 47.16 @ 4°36' T. 72° = 47.01 L.L. BROWN 5-14-74

115.13

47.01

L.L. BROWN 5-14-74

SEC. 16

A-14
52+57.28
SET 1X2 & N.
ON SIDE HILL

T- 60° = -0.02

115.15 LEV. = 115.13

363.23

T- 64° = -0.04

298.24 @ 1°-12' = 298.17

298.23 @ 1°-20' = 298.15

298.12
65.11
363.23

A-13
48+94.05
SET 1X2 & N.
ON SIDE HILL

T- 64° = -0.01

66.32 @ 10°-55' = 65.12

66.13 @ 10°-01' = 65.12

ASCEND

43.57

R-LN.

A-12
48+50.48
SET 1X2 & N.
ON SIDE HILL

T- 64° = -0.01

44.19 @ 9°-33' = 43.58

44.05 @ 8°-20' = 43.58

185.77

TO TOP OF PG. 155

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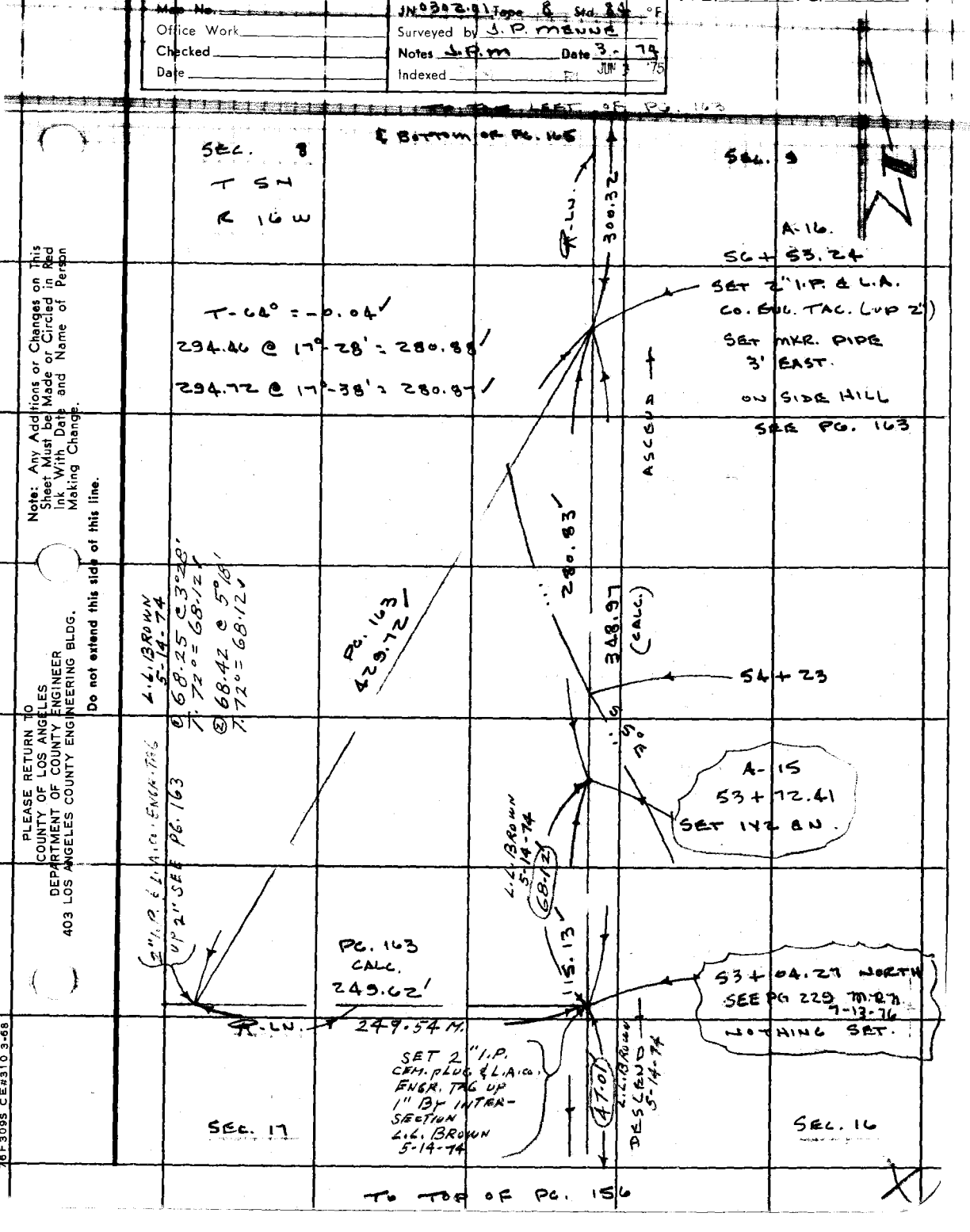
SECTION LINE

Notes Ck'd by [illegible]	Survey of SEC. 17 T5N R16W
Map No.	JN 0302.01 Tape 8 Std. 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 3-74
Date	Indexed JUN 3 '75

F. B. 3454 PG. 157



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76F309S CE#310 3-68

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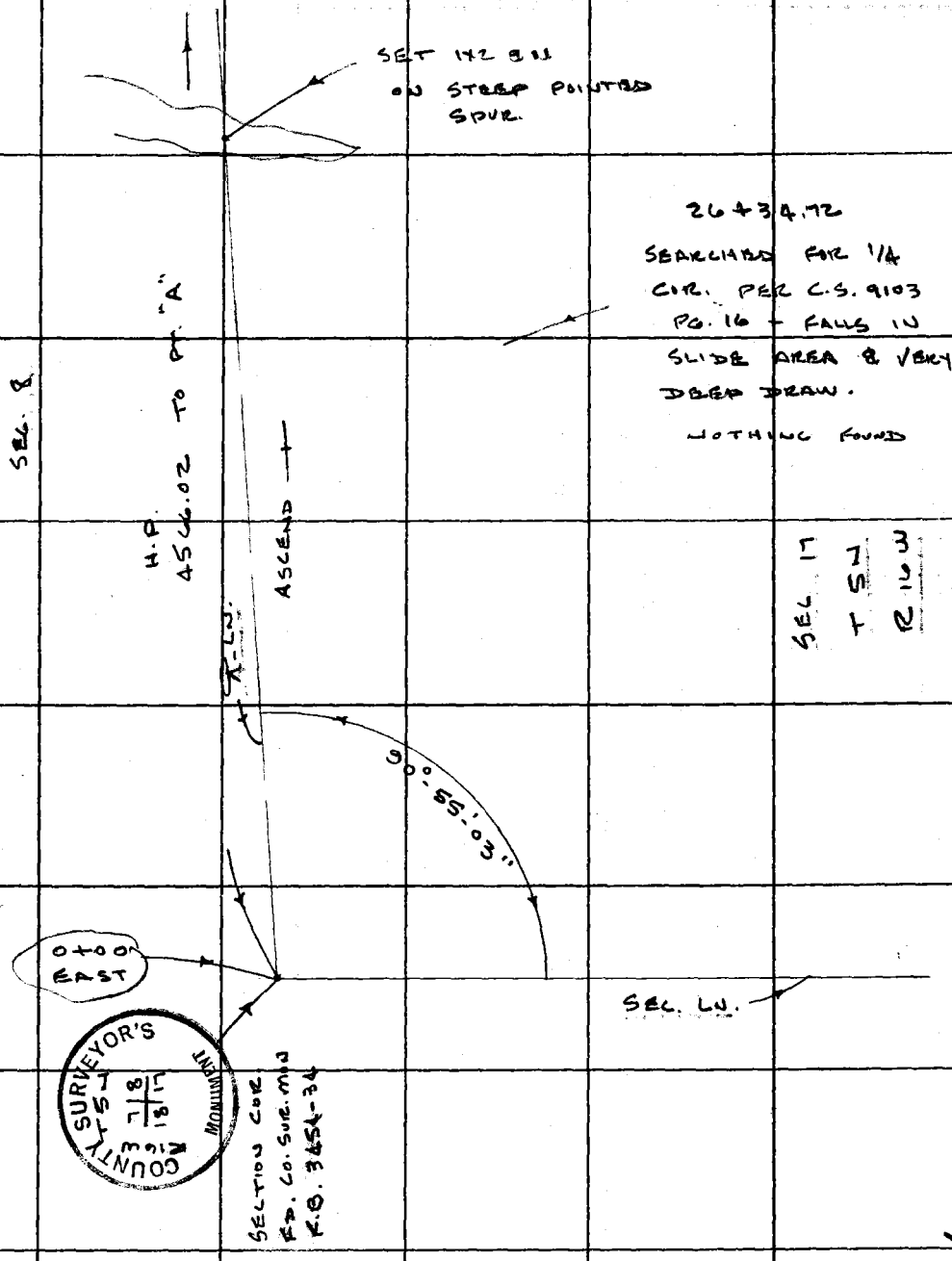
F. B. 3454 PG. 158

SECTION LINE

Notes Ck'd by C. P. GOFF	Survey of SEC. 17 T 5N R16W
Map No.	JN 0302.91 Tape 8 Std. 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J. P. M. Date 11-73
Date	Indexed [illegible] PALMER [illegible]

F. B. 3454 PG. 159



WS 77, A-4

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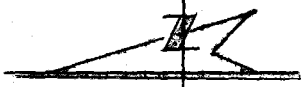
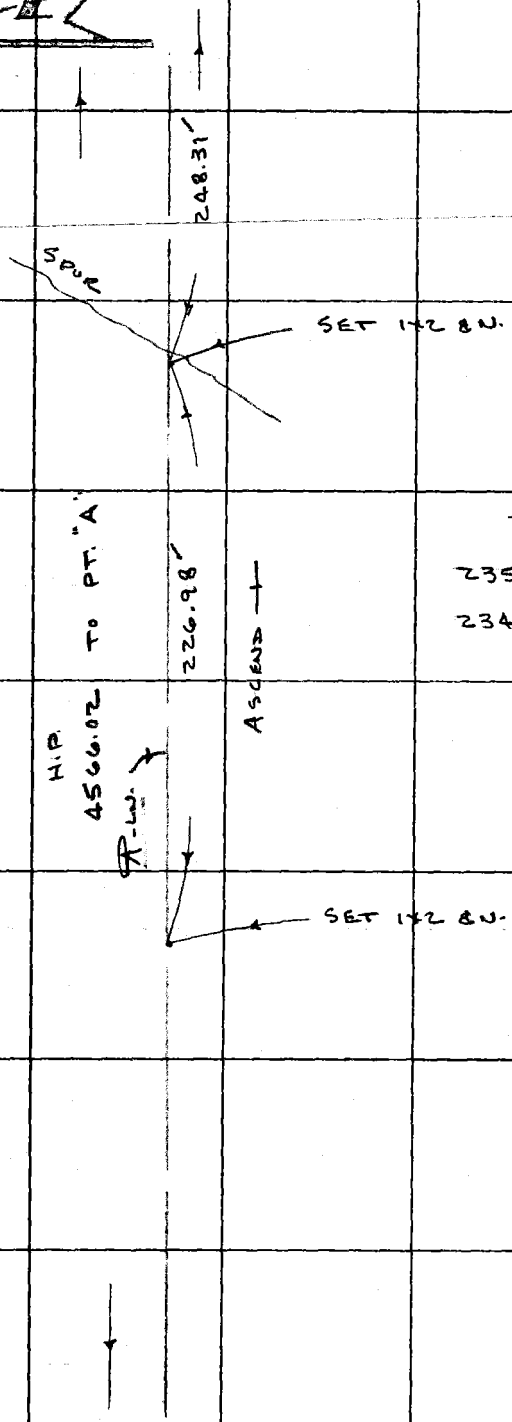
76F309S CE#310 3-68

TO BOTTOM OF PG 161

F. B. 3454 PG. 160





T-64° = -0.03

235.07 @ 15°-03' = 227.01

234.89 @ 14°-53' = 227.01

TO TOP OF PG. 159

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SECTION LINE

Notes Ck'd by	Survey of SEC. 17 T 6N R 11W
Map No.	JN 0302.01 Tape 8 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 11- '73
Date	Indexed T. M. PALMER JAN 3 '75

F. B. 3454 PG. 161

PG. 162

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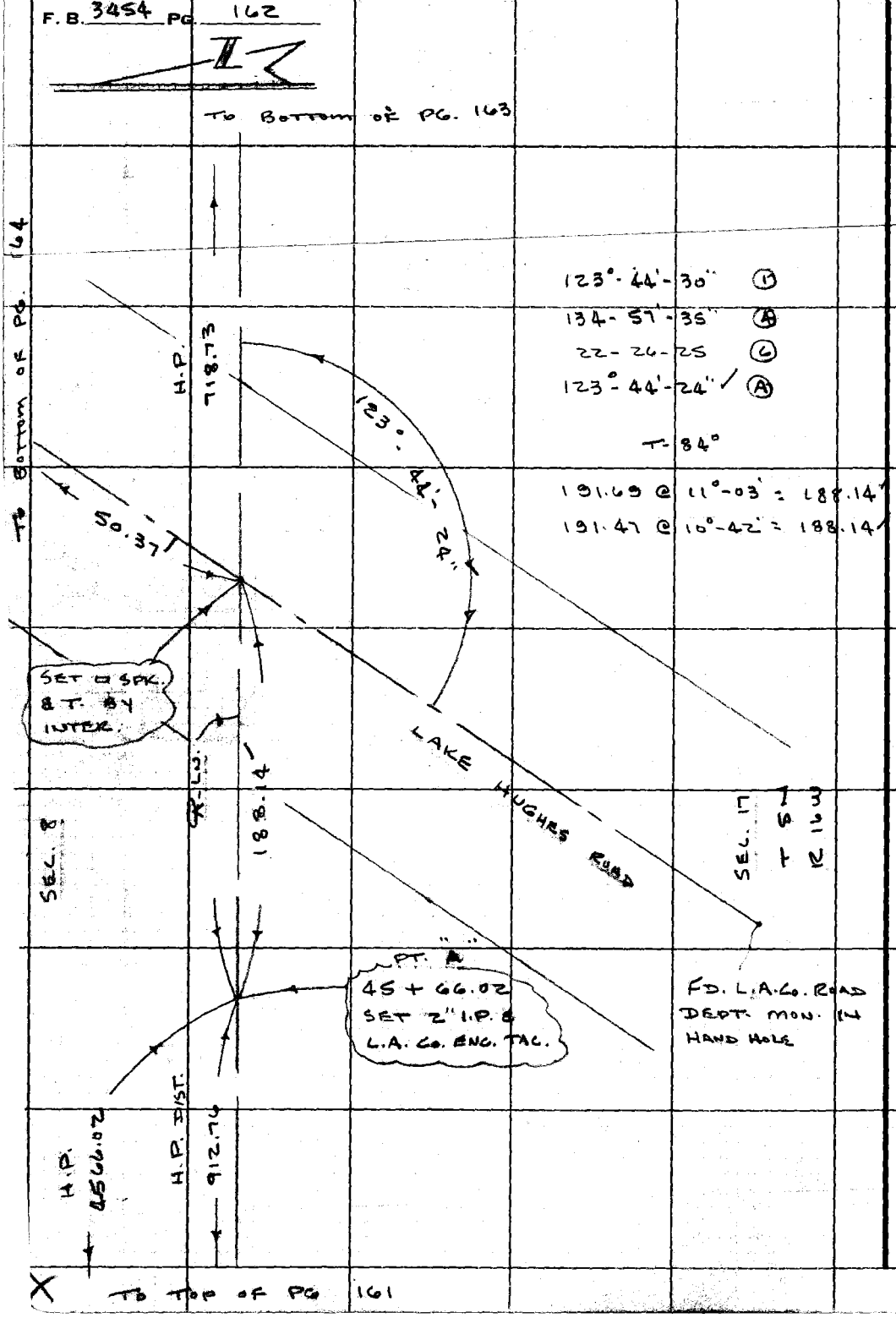
TO TOP OF PG. 160

26F3095 CE#310 3-68

F. B. 3454 PG. 162



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SECTION LINE

Notes Ck'd by J.P. [illegible]
Map No.
Office Work
Checked
Date

Survey of SEC. 11 T6S R10W
JN 0302.9 Tape 8 Std 84 °F
Surveyed by J.P. MEURER
Notes J.P.M. Date 11-73
Indexed JUN 3 '75

F.B. 3464 PG. 162

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16F309S CE#310 3-68

SEE TOP OF PG. 165

TO Bottom of Pg. 165

SEC. 1

A-LN.

A-LN.

SET 2" I.P. & L.A.Co. ENG. TAG. (UP 2") SET MKR. 3' EAST

56+53.2 ± 2 SIDE HILL

SET 2" I.P. & L.A.CO. ENG. TAG. SET MKR.

SEE PG. 224 THEN 7-13-76 SAL

55+64.32 E

300.32'

348.97' (CALC.)

① 89°49'25"
④ 359°17'40"
⑥ 178°56'40"
Au = 89°49'26" ✓

R 29.72'

35°-30'-47"

(CALC.) 249.62'

249.54' M.V.

89°-48'-51" (CALC.)

DESCEND

T. 64° = -0.04 ✓

298.89 @ 3°-49' = 298.23 ✓

299.00 @ 4°-10' = 298.21 ✓

100' TAPE

79.00 @ 8°-50' = 78.06 ✓
78.97 @ 8-14' = 78.06 ✓
53.48 LGN.

SEARCHED THIS AREA FOR SEC. COR. PER C.S. 3103 WITHIN ▷

298.18 ✓
78.06 ✓
53.48 ✓
429.72 ✓

30.03

SET 2" I.P. & L.A.CO. ENG. TAG. (UP 2") SET MKR. PIPE 2' NO.

52+84.75
SET 1/2 IN. TOP SPOIR.

30°-30'-45" ①
142-03-10 ④
21-04-40 ⑥
35°-30'-47" Ⓐ ✓

125°-41-55" ①
142-47-50 ④
34-11-35 ⑥
125°-41-56" Ⓐ

54.73 ✓
84.52 ✓
46.07 ✓
62.95 ✓
1.27 Lgn.
249.54 ✓

718.73

H.P.

L.L.B. BROWN 5-1A-7A

SEC. 1 T 6 S R 10 W

(1) 56.14 C 12°48' ✓
T. 60° = 54.73 ✓
(2) 55.81 C 11°15' ✓
T. 60° = 54.73 ✓
Au = 54.73 ✓

(1) 97.76 C 30°08' 20" ✓
T. 70° = 84.53 ✓
(2) 97.21 C 29°35' 20" ✓
T. 70° = 84.52 ✓
Au = 84.52 ✓

(1) 52.18 C 28°00' 55" ✓
T. 70° = 46.07 ✓
(2) 51.68 C 26°56' 10" ✓
T. 70° = 46.07 ✓
Au = 46.07 ✓

A-LN.

(1) 79.12 C 37°15' 30" ✓
T. 72° = 62.96 ✓
(2) 78.56 C 36°-41'-15" ✓
T. 72° = 62.95 ✓
Au = 62.95 ✓

TO TOP OF PG. 162

TO BOTTOM LEFT OF PG. 165

F. B. 3454 PG. 164

FD. L.A. CO. ROAD
DEPT. MON.
IN HANDHOLE

ROAD

316.07'

HUGHES

169°-57'-29"

169°-57'-30" ①
319-50-00 ④
299-44-55 ⑥
169°-57'-29" Ⓐ ✓

348.69'

T- 84°
LEVEL
348.69' ✓
50.37' ✓

LAKE

169°-57'-50"

FD. L.A. CO. ROAD
DEPT. MON.
IN HANDHOLE

50.37'

169°-57'-50" ①
319-51-20 ④
299-47-00 ⑥
169°-57'-50" Ⓐ ✓

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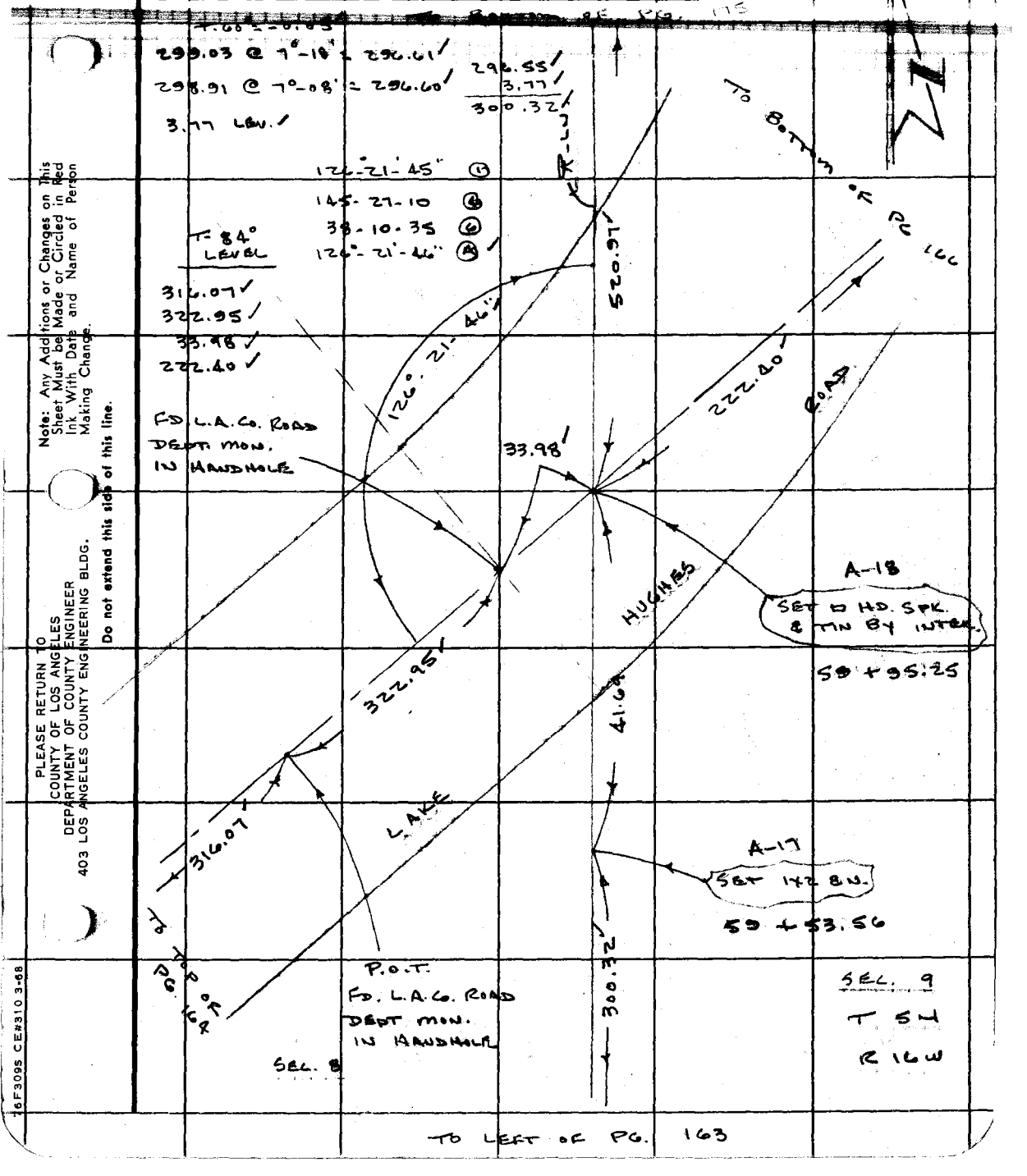
TO LEFT OF PG 162

SECTION LINE

Notes Ck'd by [illegible]	Survey of SEC. 17 - T 5N R16W
Map No.	JN 0302.01 Tape 8 Std. 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 12-73
Date	Indexed [illegible] JAN 3 '75

F. B. 3454 PG. 165



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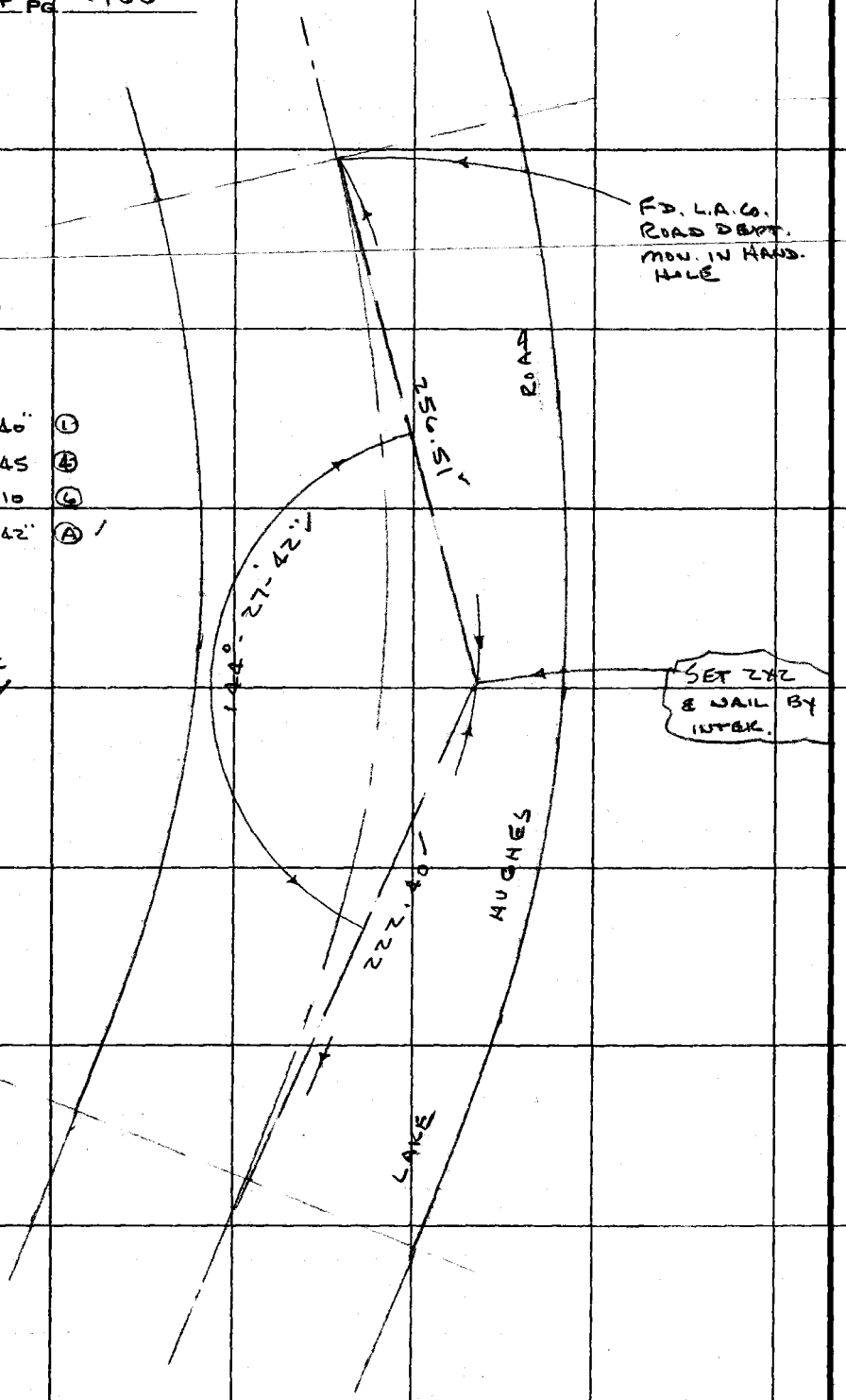
76F3095 CE#310 3-68

F. B. 3454 PG. 166

144°-27'-46" (1)
217-50-45 (4)
146-46-10 (6)
144°-27'-42" (A) /

T-84°
LEVEL
256.51'



TO TOP OF PG 165

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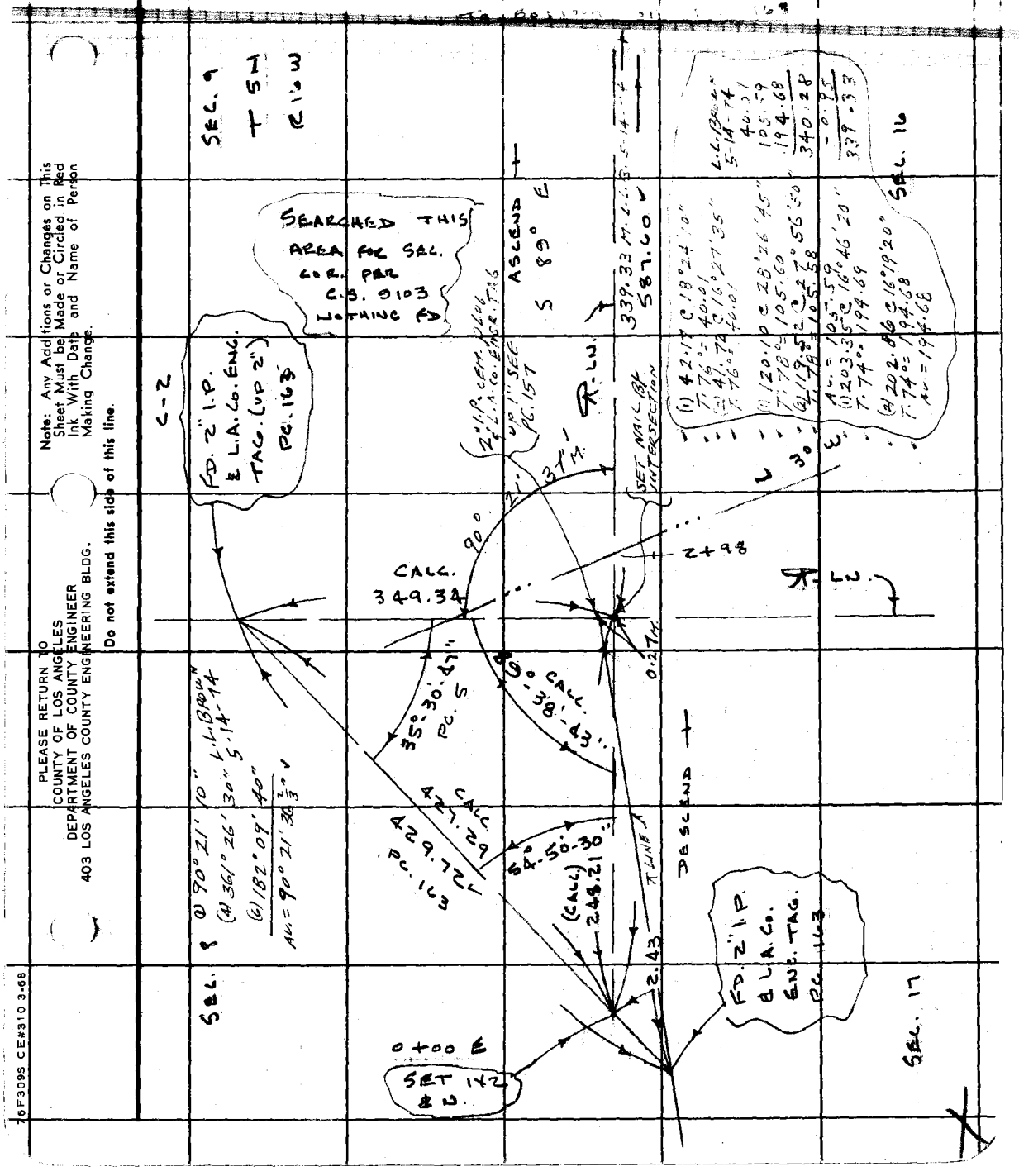
SECTION LINE

Notes Ck'd by C. R. GOSS	Survey of SEC. 9 T 5N R16W
Map No.	JN 0302.01 Tape 8 Std. 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 1-74
Date	Indexed

F. B. 3454 PG. 167



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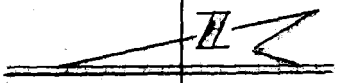
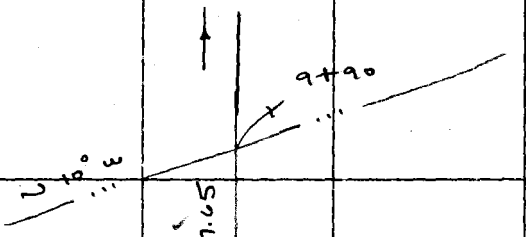
76F309S CE#310 3-68

TO BOTTOM OF PG. 169

F. B. 3454 PG. 168





T = 58° = -0.04

249.19 @ 4°-41' = 248.36

249.31 @ 5°-02' = 248.35

T = 58° = -0.05

268.85 @ 27°-04' = 239.40

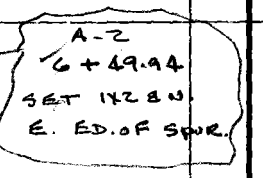
269.22 @ 27°-14' = 239.38

248.31

239.34

487.65

DESCEND

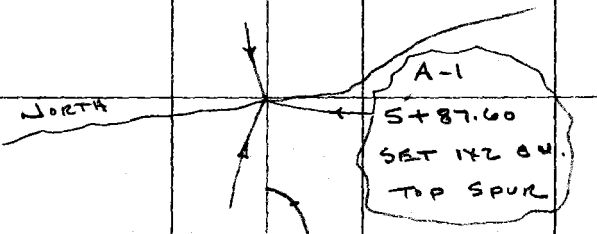


T = 72° = 0

63.08 @ 8°-44' = 62.35

63.18 @ 9°-20' = 62.34

62.34



T = 72° = 0

44.72 @ 15°-05' = 43.18

44.78 @ 15°-23' = 43.18

~~T = 72° = -0.01~~

116.57 @ 28°-30' = 102.44

116.26 @ 28°-12' = 102.46

T 72° = 0

49.70 @ 22°-57' = 45.77

49.86 @ 23°-19' = 45.79

SEC. 9

43.18

102.44

45.78

T = 60° = -0.04

264.85 @ 7°-28' = 262.60

265.08 @ 7°-51' = 262.60

T = 60° = -0.01

262.56

79.41

92.17 @ 30°-30' = 79.42

92.73 @ 31°-05' = 79.42

54.23

587.60

T = 60° = -0.01

55.56 @ 12°-32' = 54.24

55.30 @ 11°-14' = 54.24

ASCEND

587.60

S 89° E

SEC. 10 T 5 S R 11 W

TO TOP OF PG. 167

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SECTION LINE

Notes Ck'd by [illegible]	Survey of Sec. 9 T 5N R16W
Map No.	JN 0302.01 Tape 8 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 1-74
Date	Indexed T. M. PALMERI [illegible]

F. B. 3454 PG. 169

TO BOTTOM OF PG. 170

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T= 58°=-0.03
189.57 @ 15°-08' = 183.00
189.18 @ 14°-42' = 182.99

182.96

SPUR

N 15° W

A-4
14+22.08
SET 1X2 & N.
TOP SPUR.
NEAR END

284.49

SEC. 9

A-3
11 + 37.59
SET 1X2 & N.
ON FLAT SPUR

ASCEND

487.65

R-W.

T-58°=-0.05
286.44 @ 6°-36' = 284.54
286.36 @ 6°-27' = 284.55

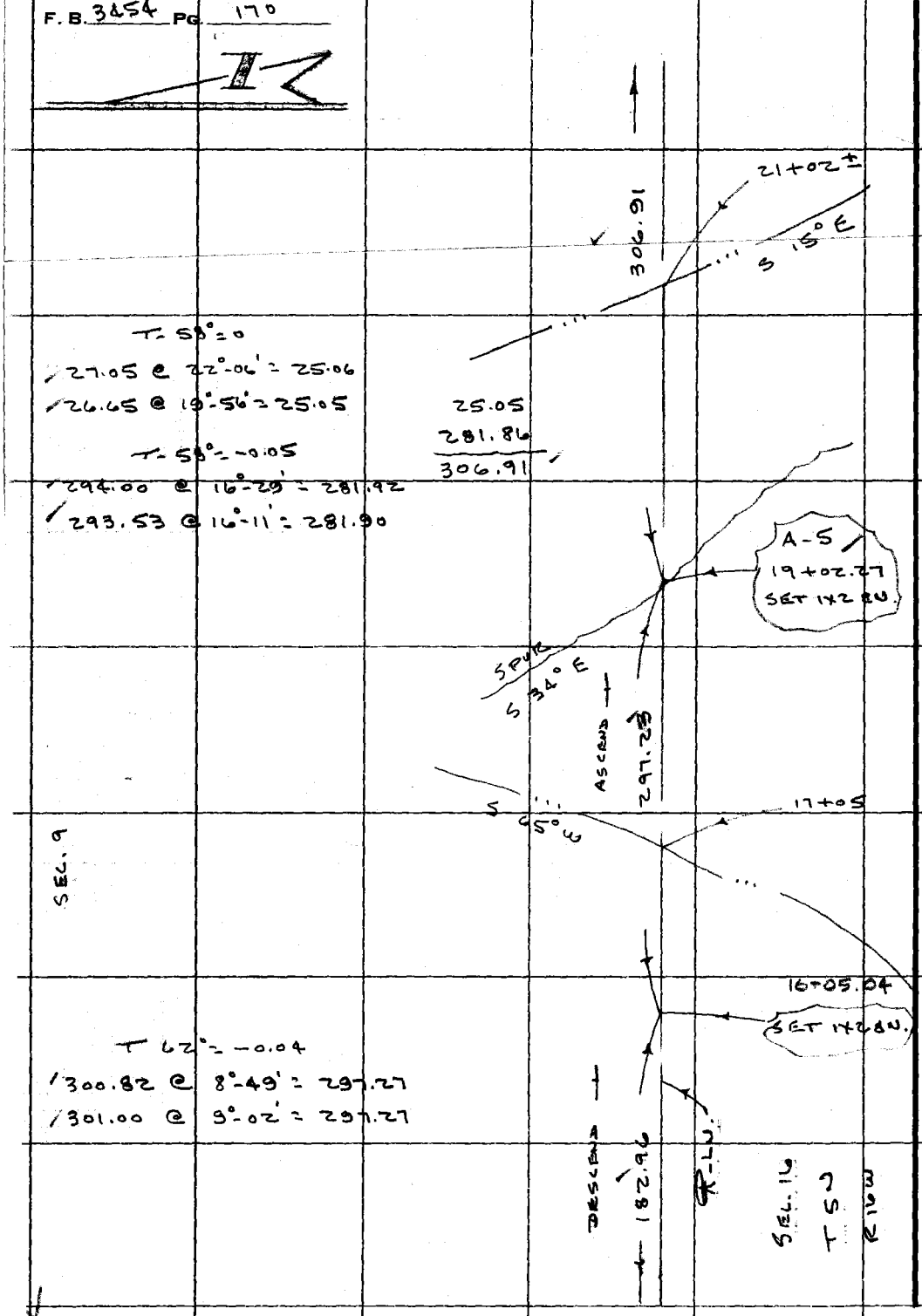
SEC. 16
T 5 N
R 16 W

TO TOP OF PG. 168

76F3095 CE#310 3-68

TO BOTTOM OF PG. 171

F. B. 3454 PG. 170



T- 58° = 0

27.05 @ 22°-06' = 25.06

26.65 @ 19°-56' = 25.05

T- 58° = -0.05

294.00 @ 16°-29' = 281.92

293.53 @ 16°-11' = 281.90

25.05
281.86
306.91

T 62° = -0.04

300.82 @ 8°-49' = 297.27

301.00 @ 9°-02' = 297.27

TO TOP OF PG. 169

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SECTION LINE

Notes Ck'd by [illegible]	Survey of Sec. 9 T 5N R16W
Map No.	JN 0302.01 Tape 8 Std 84 °F
Office Work	Surveyed by J.P. [illegible]
Checked	Notes J.P.M Date 2-74
Date	Indexed T. M. PALMERI

F. B. 3454 PG. 171

TO BOTTOM OF PG. 172

T. 62° = -0.02
107.41 @ 11°-41' = 105.18
107.53 @ 11°-59' = 105.19

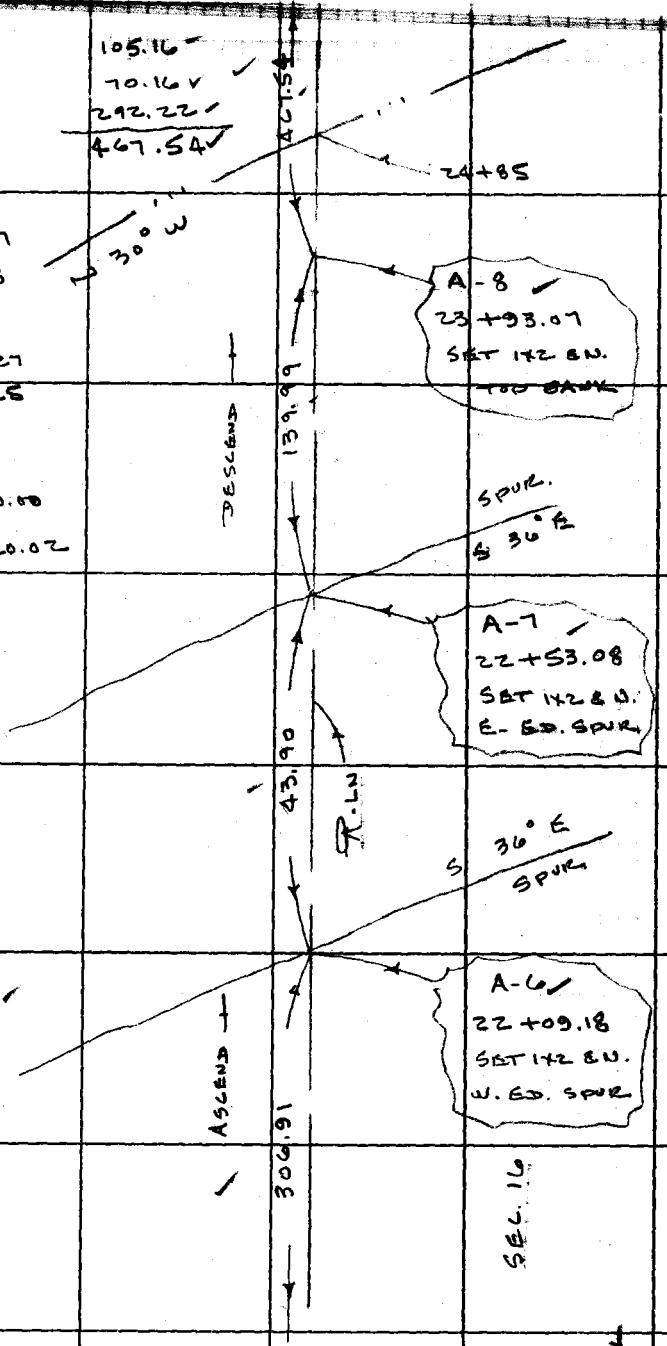
T = 64° = -0.01
78.03 @ 25°-56'-30" = 70.17
78.40 @ 26°-28'-40" = 70.18

T = 64° = -0.04
298.44 @ 11°-40' = 292.27
298.34 @ 11°-36' = 292.25

T = 58° = -0.02
141.47 @ 8°-16' = 140.00
141.36 @ 7°-53' = 140.02

T - 58° = -0.01
43.91 LEV. = 43.90

105.16
70.16
292.22
467.54



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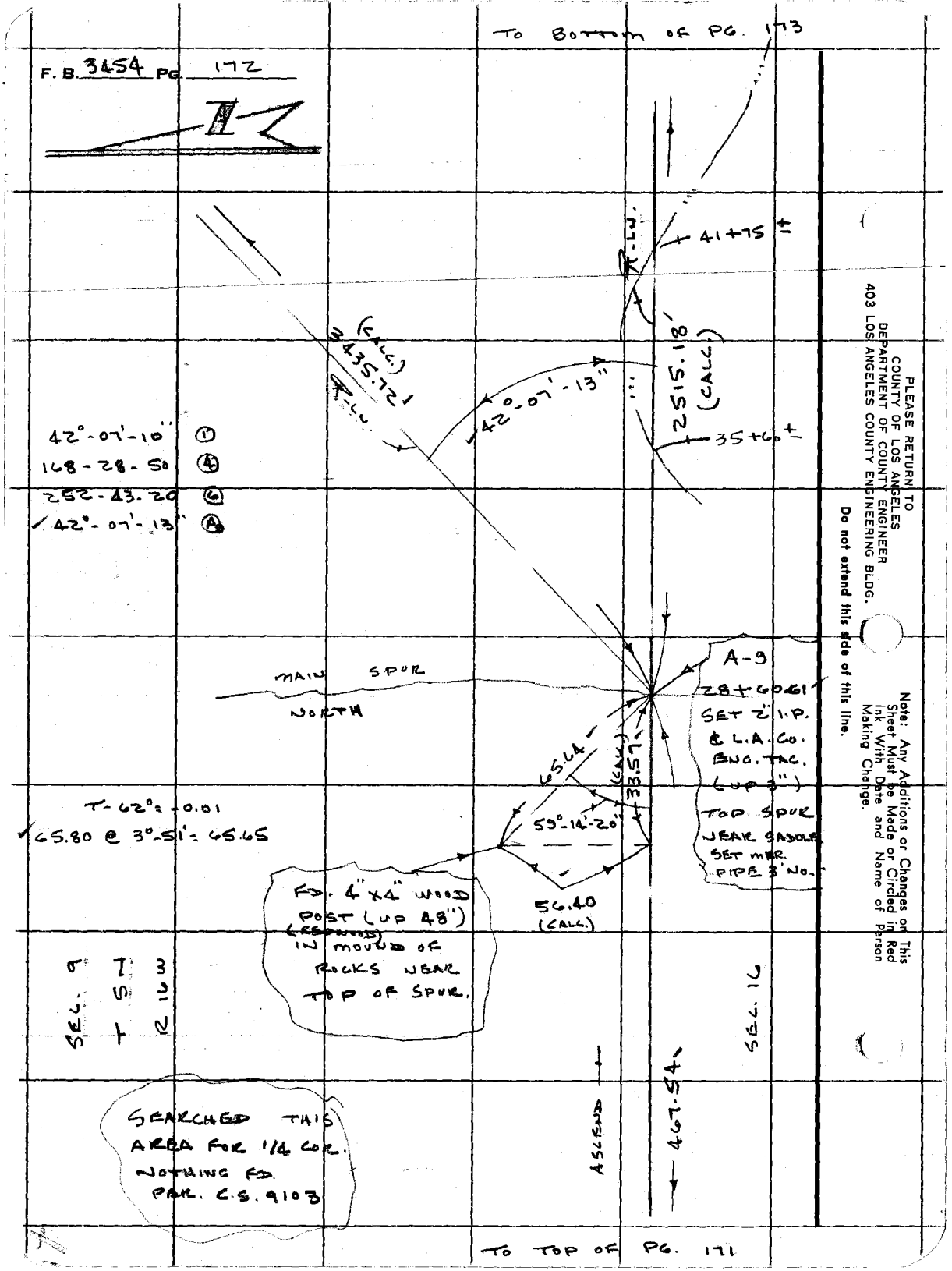
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3454 PG. 172



PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

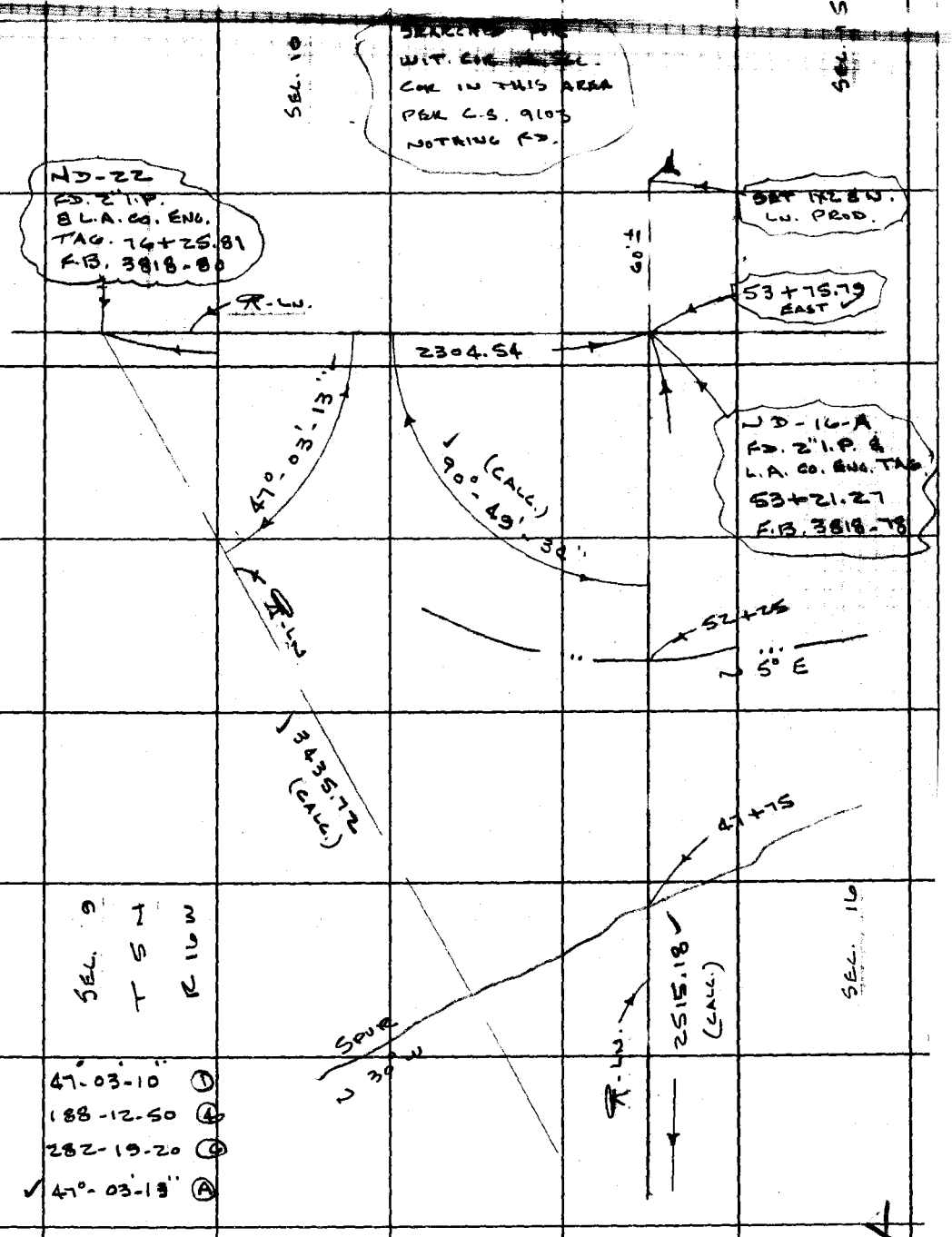
Do not extend this side of this line.

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

SECTION LINE

Notes Ck'd by [illegible]	Survey of SEC. 9 T5N R16W
Map No.	JN 0302 Tape 8 Std 84 °F
Office Work	Surveyed by J.P. [illegible]
Checked	Notes J.P.M. Date 2-74
Date	Indexed T. M. PALMER [illegible] '75

F. B. 3454 PG. 173



TO TOP OF PG. 172

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76F309S CE#310 3-68

16

F. B. 3454 PG. 174

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SECTION LINE

Notes Ck'd by C. R. GOSS	Survey of SEC. 8 T5N R16W
Map No.	JN 030201 Tape 8 Std. 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes A.F.M. Date 3-74
Date	Indexed T. M. PALMER JUN 5

F. B. 3454 PG. 195

TO BOTTOM OF PG. 175

T-58° = -0.04
253.86 @ 11°-42' = 248.59
253.68 @ 11-30-30 = 248.58

T-58° = -0.04
209.48 @ 11°-47' = 205.07
209.27 @ 11°-30' = 205.07

SEC. 8

T 5N 248.54
R 16W 205.03
44.47
498.04

T-58° = -0.01
44.48 LEV. = 44.47

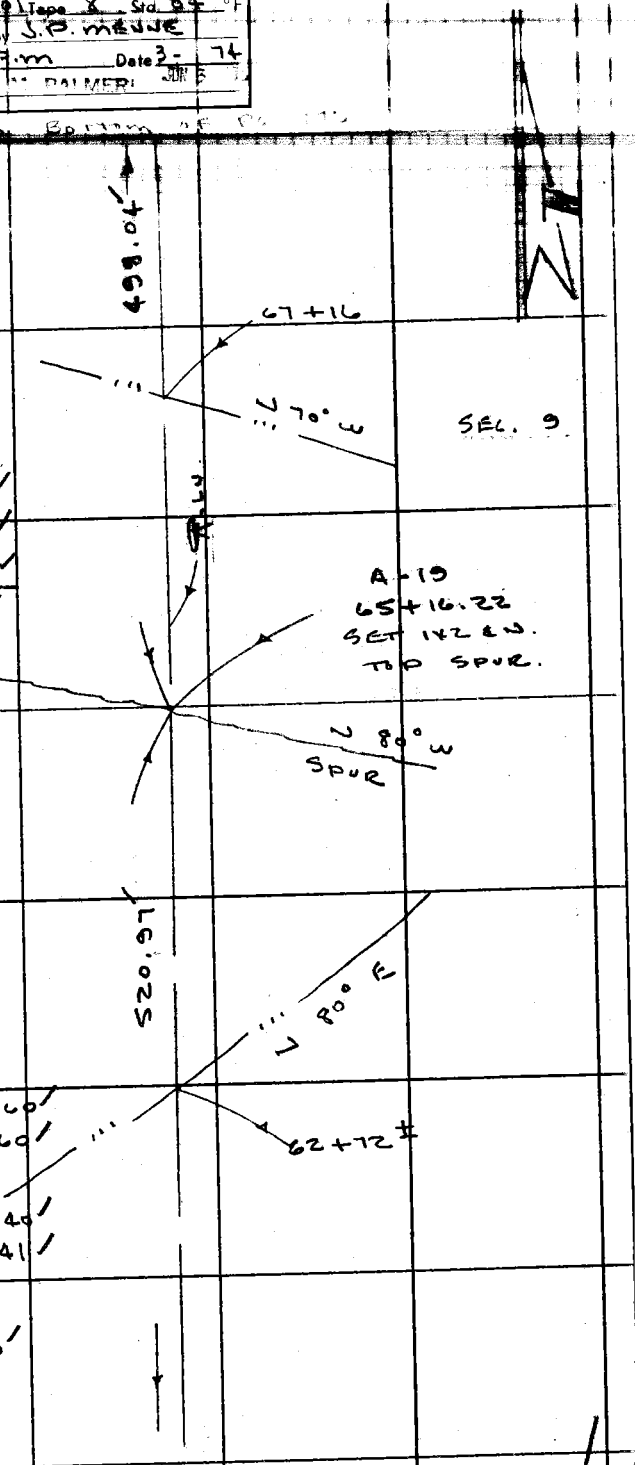
112.69
172.60
194.40
41.28
520.97
T = 84°

112.89 @ 3°-26' = 112.69
112.97 @ 4°-01' = 112.69

177.33 @ 13°-16' = 172.60
177.55 @ 13°-34' = 172.60

201.67 @ 15°-26' = 194.40
201.83 @ 15°-35' = 194.41

41.28 LEV. = 41.28



TO TOP OF PG. 165

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76F3095 CE#310 3-68

F. B. 3454 PG. 176

SEC. 8
T 5 N
R 16 W

216.34'

A-21
73 + 86.56
SET 1½" I.P.
ON TOP BERM
OF FIRE ROAD.

DIRT
S 55° E

FIRE ROAD

N 70° W

372.30'

72+00
HEAD OF
DRAW

T = 62° = -0.03'
220.77 @ 11°-28' = 216.36'
220.68 @ 11°-20' = 216.38'

SEC. 9

A-20
70 + 14.26
SET 2" I.P. &
L.A. CO. ENG.
TAG. (FLUSH)
TOP SPUR.

EAST
SPUR

T = 56° = -0.01'
76.94 @ 4°-28' = 76.71'
77.06 @ 5°-30' = 76.71'

76.70'

T-LW

295.60'
372.30'

T = 59° = -0.05'
298.64 @ 8°-08' = 295.64'
298.54 @ 7°-58' = 295.66'

68+16
N 80° E

498.04'

67+66
EAST

Sm. SPUR

TO TOP OF PG. 175

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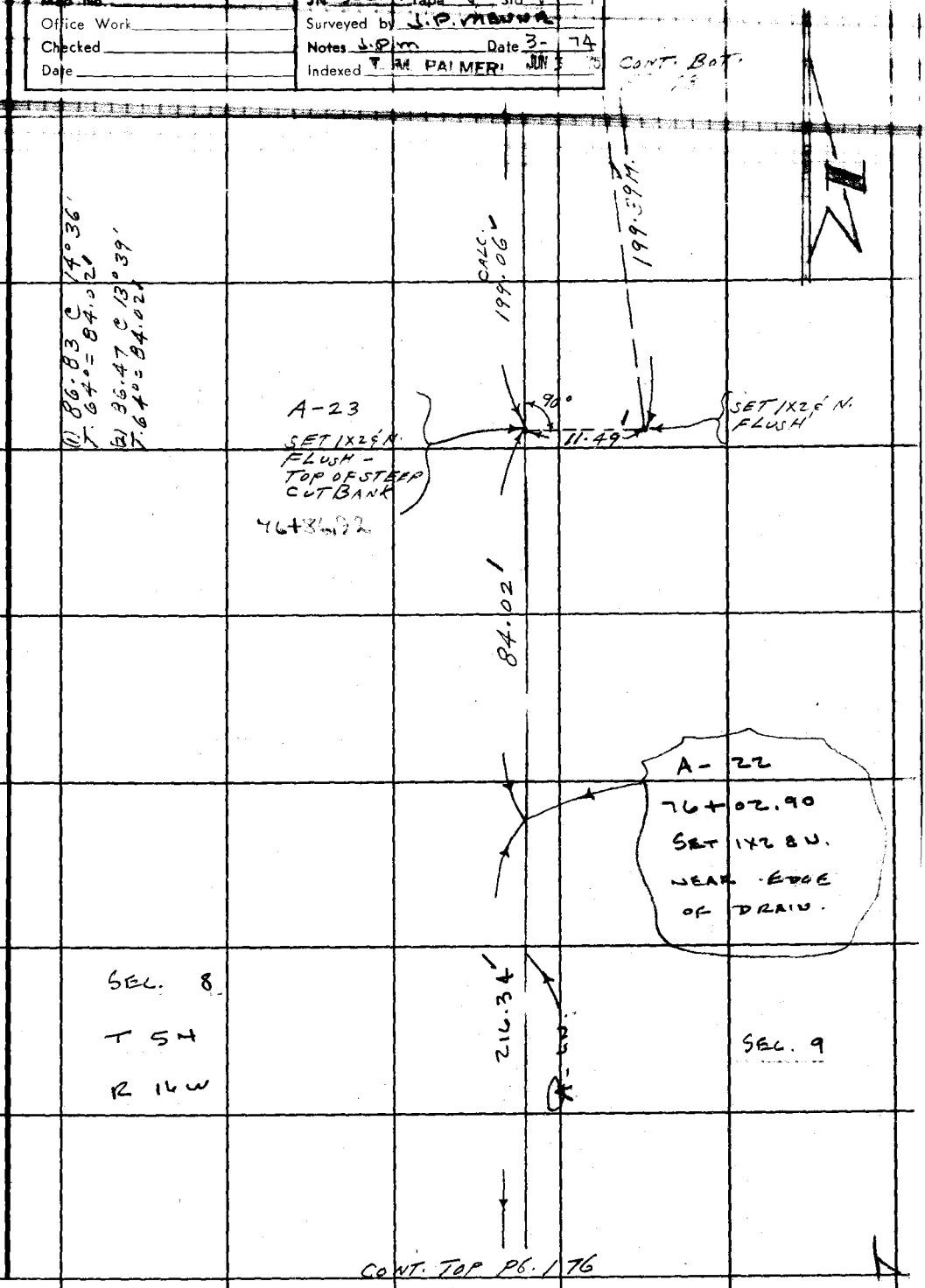
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

SECTION LINE

Notes Ck'd by C. R. GOSS	Survey of SEC. 8 T 5N R 16W
Map No.	JN 0302.01 Tape 8 Std 84 °F
Office Work	Surveyed by J.P. MENNA
Checked	Notes J.P.M. Date 3-74
Date	Indexed T. M. PALMER JUN 5 75

F. B. 3454 PG. 177



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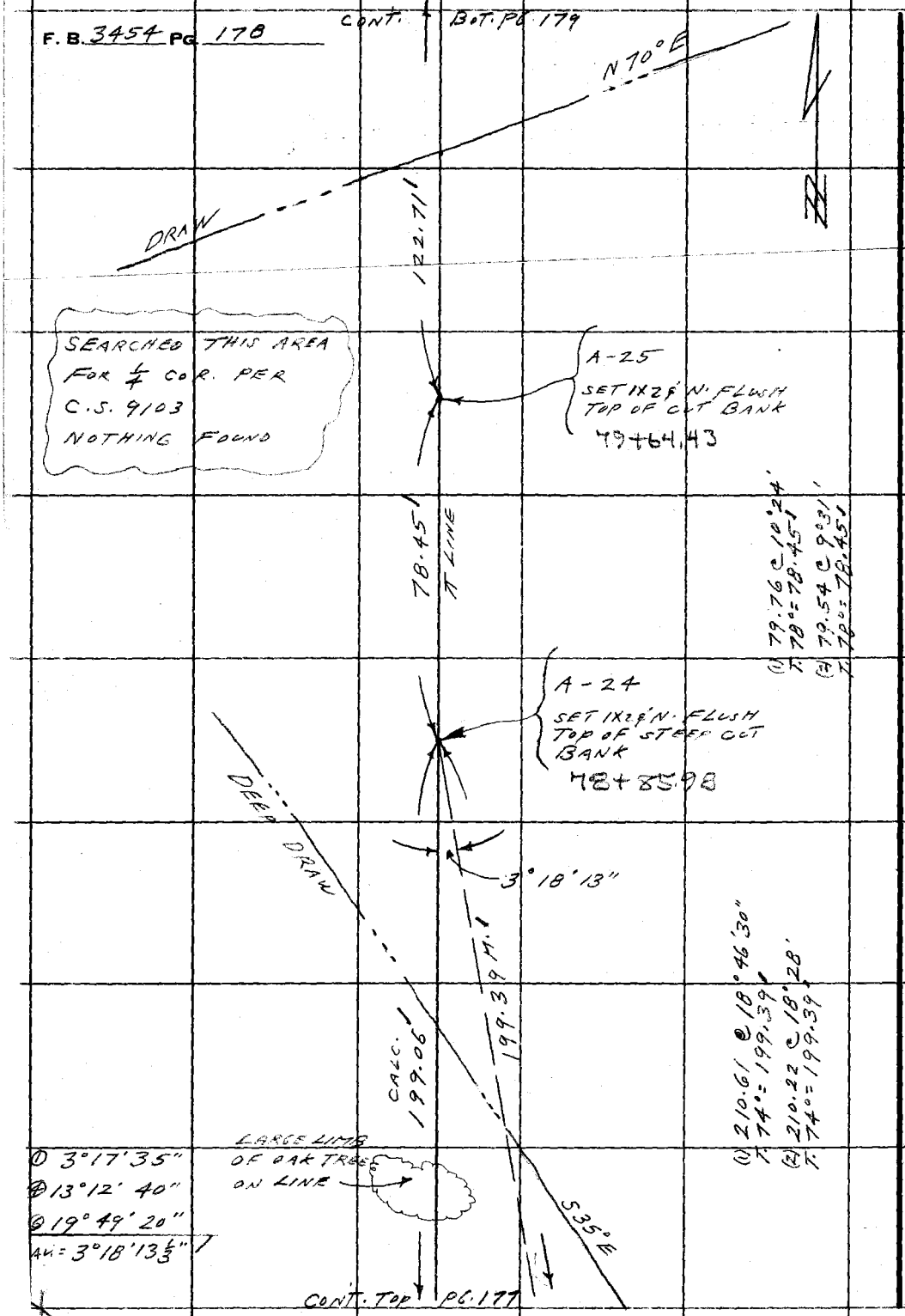
76F309S CE#310 3-68

F. B. 3454 PG. 178



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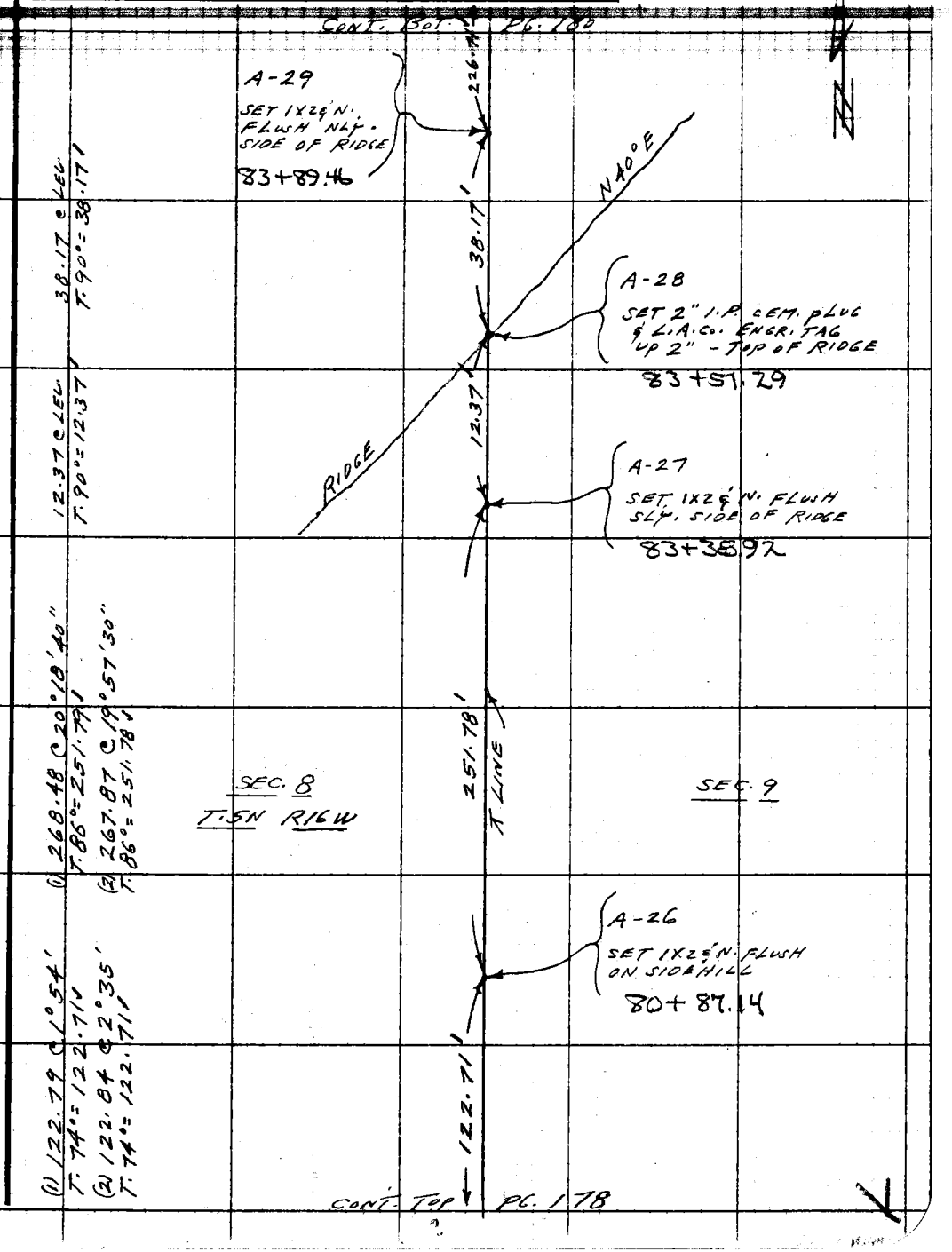
Notes Ck'd by C. R. GOT	Survey of [illegible]
Map No.	JN [illegible] Tape 149 Sid [illegible]
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 5-21-74
Date	Indexed T. M. PALMERI JUN 3 [illegible]

F. B. [illegible] PG. [illegible]



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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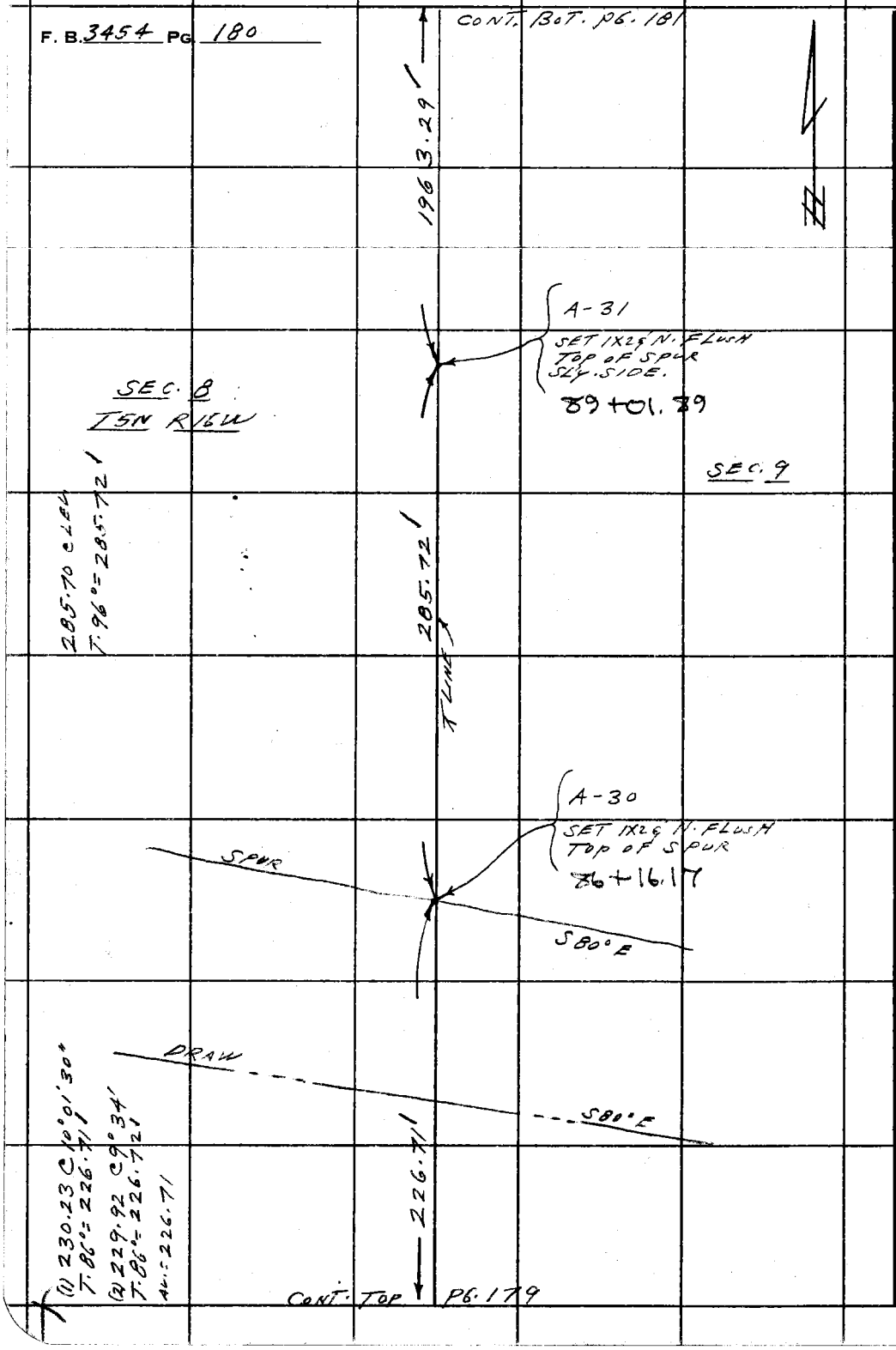
76F309S CE#310 3-69

F. B. 3454 PG. 180



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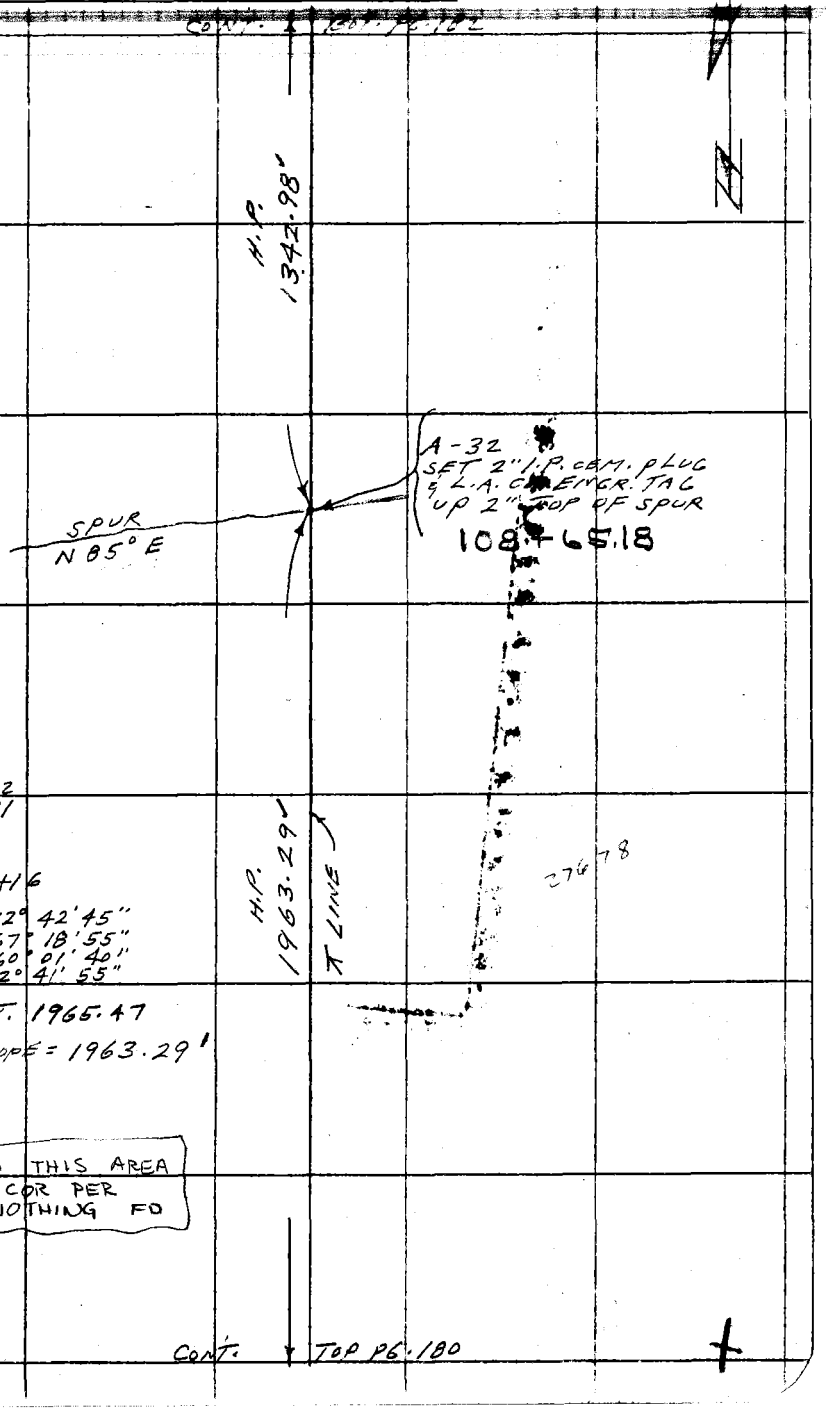
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by C. R. GOS	Survey of [illegible]
Map No.	JNO 302.01 Tape H.P. Std — °F
Office Work	Surveyed by [illegible]
Checked	Notes L. L. BROWN Date 5-30-74
Date	Indexed L. M. PALMERI [illegible] 75

F. B. [illegible] PG. [illegible]

CONT. TOP PG. 182



INST. @ A-32
REFL. @ A-31

TEMP. 66°
BAR. 28.6
INV. SETTING +16

VERT. ∡ D. 92° 42' 45"
R. 267° 18' 55"
+100 S. 360° 01' 40"
-50 M. 2° 41' 55"

SLOPE DIST. 1965.47

REDUCED SLOPE = 1963.29'

SEARCHED THIS AREA
FOR SEC COR PER
C.S. 9103; NOTHING FD

CONT. TOP PG. 180

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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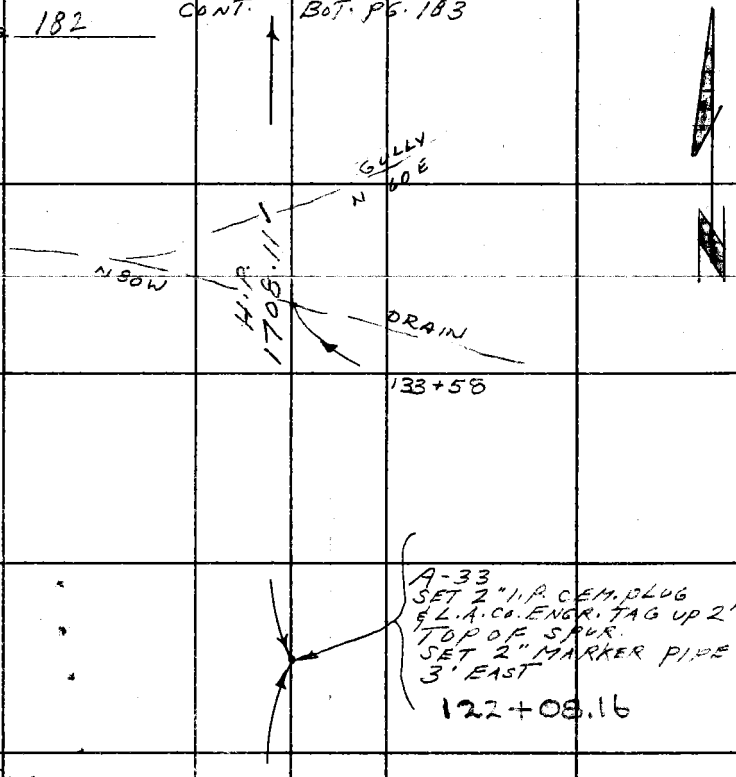
76F309S CE#310 3-69

F. B. 3454 PG. 182

CONT.

BOT. PG. 183



H.P. @ A-32
SIGHTING ON A-33

TEMP. 66°
BAR. 28.6
INV. SETTING = +16

VERT. ∠ D. = 90° 04' 30"
+02'30" R = 269° 58' 00"
-01'15" M = 0° 03' 15"
S = 360° 00' 30"

SLOPE DIST. = ① 1342.986
② 1342.974
AVG. = 1342.98

REDUCED SLOPE = 1342.98

H.P. 1342.98

T LINE

CONT. TOP

P6. 181

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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 [illegible]	F. B. [illegible] PG. [illegible]
Map No.	JN 0342.01 Topo H.P. Std. [illegible] °F	
Office Work	Surveyed by [illegible]	
Checked	Notes L. L. BROWN Date 6-17-74	
Date	Indexed [illegible]	

CONT. BOT. [illegible]

H.P. @ A-34
LENS @ A-35

TEMP. = 82°
BAR. = 28.6
INV. SET. = +22

SLOPE DIST. ① = 2255.335
② = 2255.330

VERT. ∡. D = 89°47'15"
R = 270°11'50"
-55" S = 359°59'05"
+27½" M = 0°12'17"

REDUCED SLOPE = 2255.32'

H.P. 2255.32' LINE

T5N
R16W

A-34
SET 2" I.P. CEM. PLUG
& L.A. CO. ENGR. TAG UP 2"
TOP OF RIDGE.
SET 2" MARKER PIPE
3' EAST

139+16.27

T = 88

34.21 @ 285-13 = 33.01'
34.40 @ 286-21 = 33.01'
33.01'

33.01'

SEC 5

SEC 4

P.O.T. - SET 1X2 & NL
FLUSH ON SIDEHILL

H.P. @ A-34
LENS @ A-33

TEMP. = 74°
BAR. = 28.6
ENV. SET. = +20

SLOPE DIST. ① = 1708.114'
② = 1708.112'

VERT. ∡ D = 90°01'40"
R = 269°58'40"
+20" S = 360°00'20"
-10" M = 0°01'30"

REDUCED SLOPE = 1708.11'

T = 90°

51.82 @ 295-27 = 46.79'
52.21 @ 296-21 = 46.79'
= 46.79'

296.31 @ 110-12 = 278.08'
296.46 @ 110-17 = 278.08'
= 278.08'

324.87
.01
324.88'

324.88'

1708.11'

N 25 E

N 40° E

DRAIN

SPUR

P.O.T. - 135+58.38
SET 1X2 & NL ON
SMALL SPUR

SEARCHED THIS AREA
FOR ¼ SEC COR PER
C.S. 9103
NOTHING FOUND

CONT. TOP PG. 182

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76F309S CE#310 3-69

F. B. 3454 PG. 184

CONT. BOT PG. 193

T5N R16W

60.85

A-35
SET 2" I.P. CEM. PLUG
& L.A. CO. ENGR. TAG
UP 2". TOP OF RIDGE
1614 71.59

SEC 5

SEC 4

H.P.
2255.32

T LINE

CONT. TOP PG. 183

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Notes Ck'd by		Survey of SECTION LINES	F. B. 3454 Pg. 185
Map No.		JN 0302.01 Tape	Std
Office Work		Surveyed by R. L. WRIGHT	
Checked		Noted R. L. WRIGHT Date 11-OCT-74	
Date		Indexed T. M. PALMER JUN 13 '75	

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SECTION LINES
T5N R16W
JN. 0302.01

STADIA CHECK ON RAVINE
IMMEDIATELY WEST OF N.E. COR.
SEC 20 T5N R16W.

PARTY:
WRIGHT
BLANCHARD
MCDONOUGH

DF3095 CE#310 3-69

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WS 77 'B-5

T 1 S
R 13 W

SEC. 17

SECTION LINE

SEC. 20

SEC. 16

SEC. 21

DRAIN F.L.

117.3

137' @ 246-43 = 92.4'

STADIA @ 85°-04' = 74.4'

NOTE: TIES CHECK PER F.B. 512-249

Corner Hows 10-15-54 HNE

~~167~~ STADIA 186.7

MARKED TSN

COUNTY SURVEY
T 1 S
R 20 | 21
SEC COR
RE 21 W

F.D. C.S. Mon. F.B. 3454 Pgs 143, 132, 118
F.B. 512-249

F.B. 3454 Pg 186

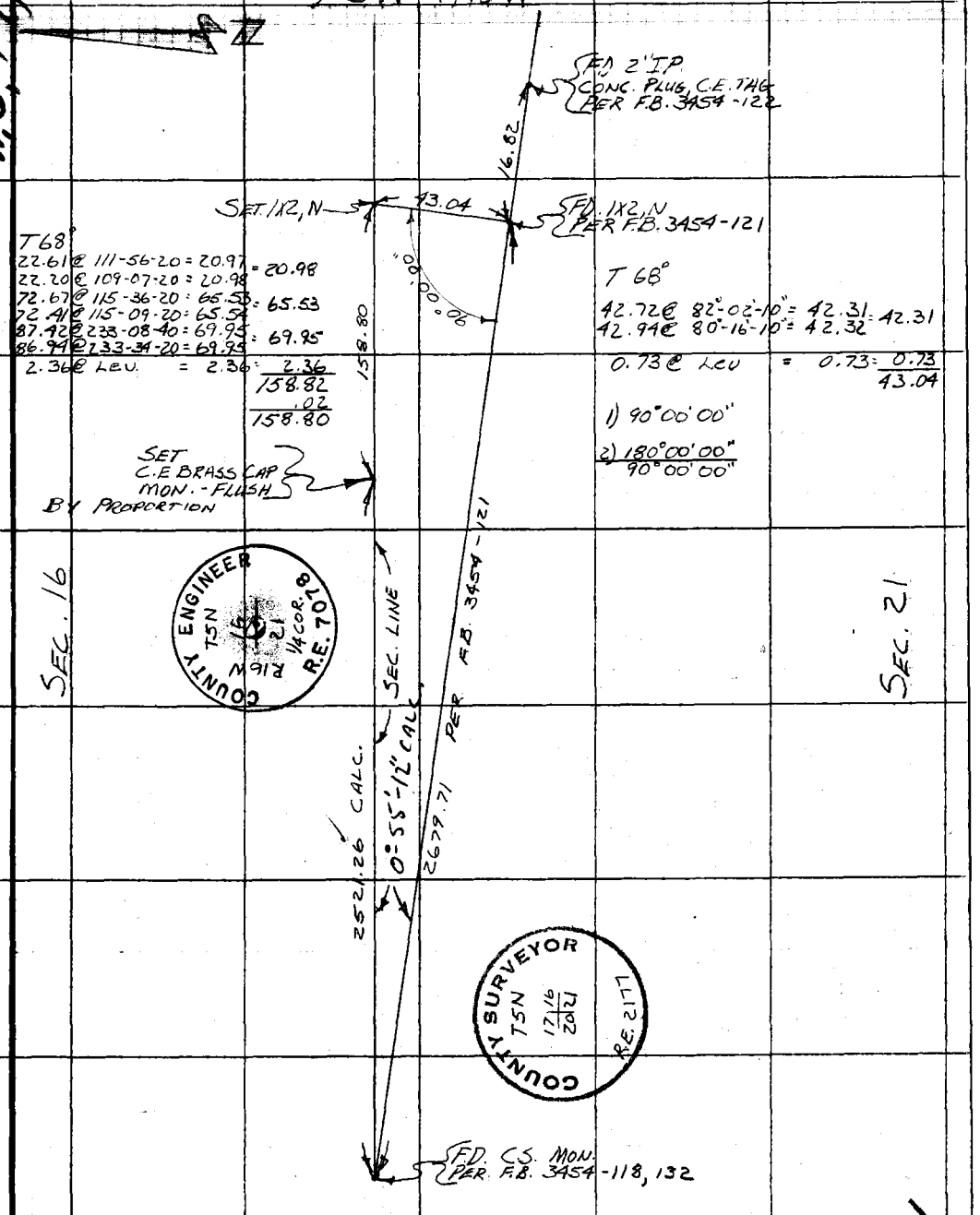
Note: Above F.L. is in a Channel which is 35' wide
CS 7103-15 call is 157' to reverse 12' wide

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

Survey of SECTION LINES
JN 302-01 Tape 219 Std. 84 °F
Surveyed by C. [illegible]
Notes R.G.B. Date JAN. 75
Indexed T. M. PALMERI

F. B. 3454 PG. 187

W.S. 77 B-5



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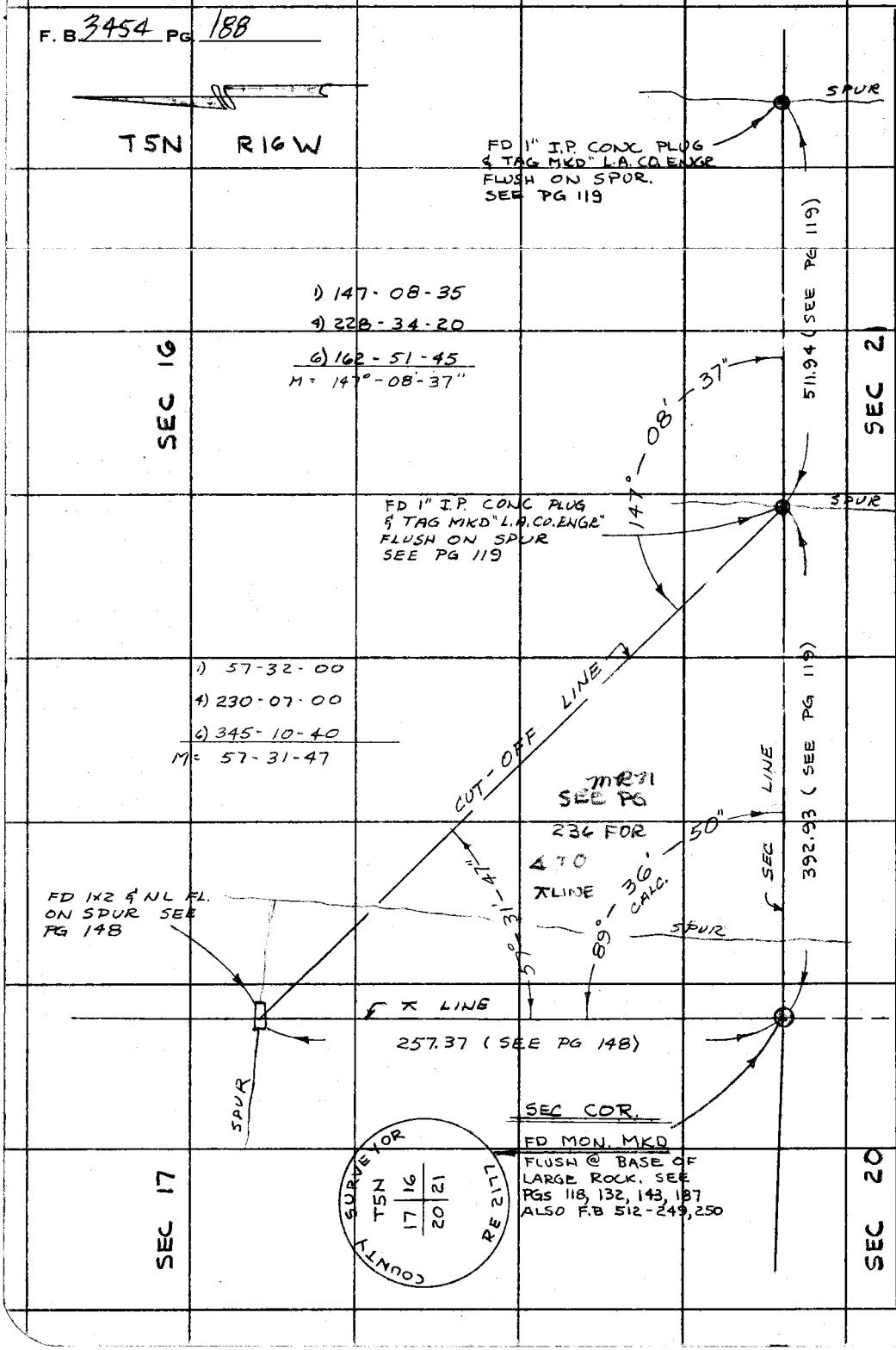
76F309S CE#310 3-69

F. B. 3454 PG. 188



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Notes Ck'd by M. R. NEVAREZ	Survey of SECTION LINES	F. B. 3454 PG. 189
Map No.	JN 0302.01 Tape 319 Std 84	
Office Work	Surveyed by [illegible]	
Checked	Notes R&B Date MAY 75	
Date	Indexed T. M. PALMERI	

16- MAY 1975
E.D.M. DISTANCES -
NORTH LINE SEC. 21 - T5N R16W

INST. @	PAGE	SIGHT ON	PAGE	READ	VERTICAL ∢ ° ' "	DIST.
W.C. SEC COR.	124	44+60.27	123	906.70	@ 103-04-00 256-56-00	= 883.22
" " "	"	33+00.41	122	2057.02	@ 96-40-10 263-19-10	= 2043.08
" " "	"	26+59.12	121	2693.75	@ 94-47-00 265-13-00	= 2684.37
" " "	"	20+79.94	121	3268.62	@ 93-11-30 266-48-30	= 3263.55
" " "	"	9+04.83	119	4439.72	@ 91-15-20 268-45-00	= 4438.66
" " "	"	3+92.93	119	4951.42	@ 91-02-40 268-57-20	= 4950.60

FEB. 1975 T5N R16W
CHAINING BETWEEN W.C. SEC COR & SEC COR - N.E. COR SEC 21
T-68°

158.83 @ LEV 104-32-40 = 153.74		12.61
159.00 @ 104-46-40 = 153.74		= 153.74
47.54 @ 117-08-25 = 42.31		
47.37 @ 116-44-50 = 42.30		= 42.30
112.60 @ 34-55 = 92.33		
112.78 @ 35-02-20 = 92.34		= 92.34
		300.99
		.03
		300.96

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76F309S CE#310 3-69

F. B. 3454 PG. 190

T5N R16W

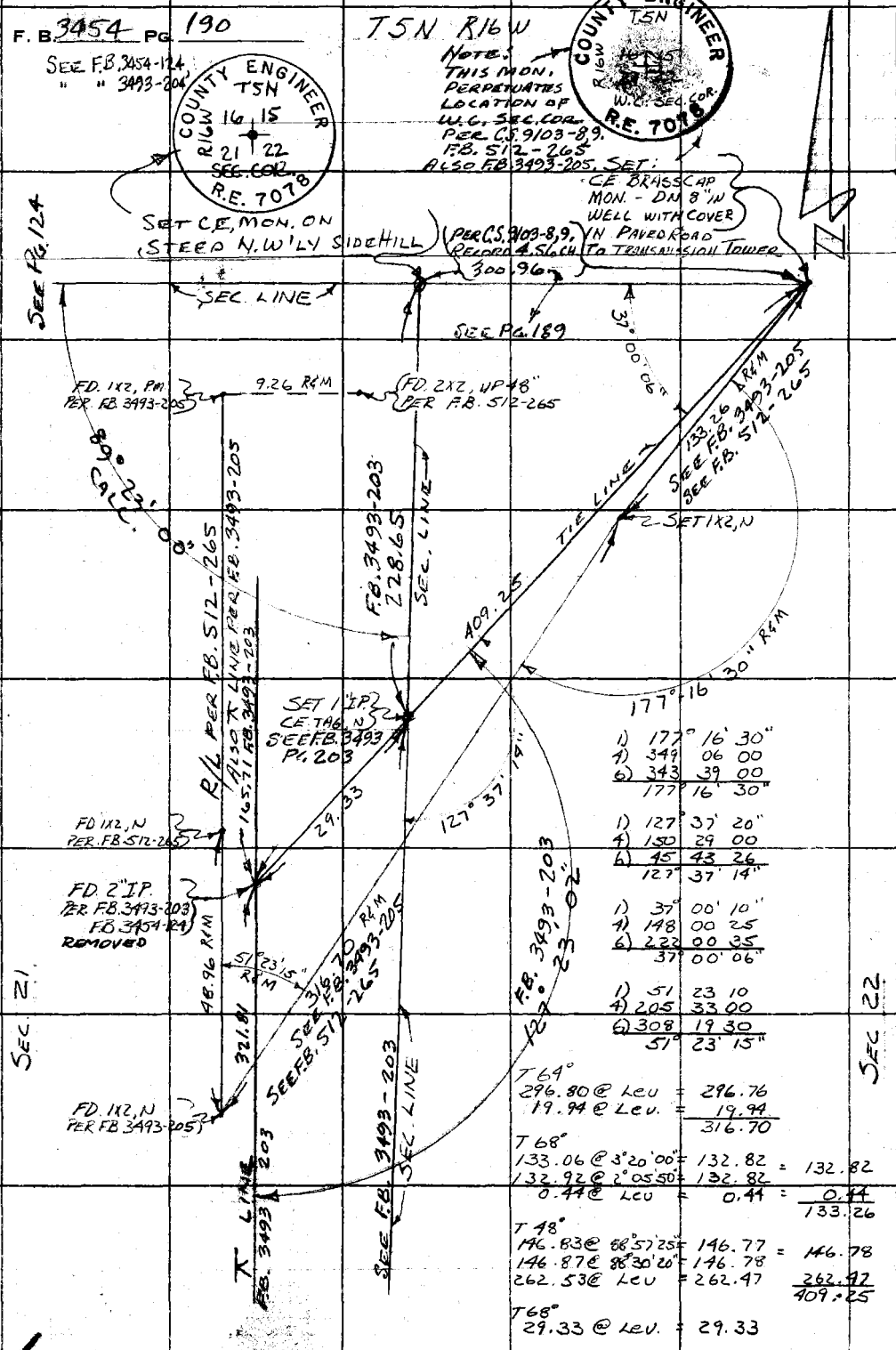
SEE F.B. 3454-124
" " 3493-204

COUNTY ENGINEER
T5N
R16W 16 15
21 22
SEC. COR.
R.E. 7078

NOTE: THIS MON. PERPETUATES LOCATION OF W.C. SEC. COR. PER C.S. 9103-8,9. F.B. 512-265 ALSO F.B. 3493-205. SET:

COUNTY ENGINEER
T5N
R16W
W.C. SEC. COR.
R.E. 7078

CE BRASS CAP MON. - DN 8" IN WELL WITH COVER IN PAVED ROAD TO TRANSMISSION TOWER



1) 177° 16' 30"
4) 349 06 00
6) 343 39 00
177° 16' 30"

1) 127° 37' 20"
4) 150 29 00
6) 45 43 26
127° 37' 14"

1) 37° 00' 10"
4) 148 00 25
6) 222 00 35
37° 00' 06"

1) 51 23 10
4) 205 33 00
6) 308 19 30
51° 23' 15"

T 64°
296.80 @ Lev = 296.76
19.94 @ Lev. = 19.94
316.70

T 68°
133.06 @ 3°20'00" = 132.82
132.92 @ 2°05'50" = 132.82 = 132.82
0.44 @ Lev = 0.44 = 0.44
133.26

T 48°
146.83 @ 88°57'25" = 146.77 = 146.78
146.87 @ 88°30'20" = 146.78
262.53 @ Lev = 262.47 262.47
409.25

T 68°
29.33 @ Lev. = 29.33

W.S. 77 B-5

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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 C. R. GOSS	Survey of [illegible]
Map No.	JN 0302.01 Tape Std. °F
Office Work	Surveyed by [illegible]
Checked	Notes L.W.J Date 2-23-76
Date	Indexed

F. B. 2454 PG. 171

J. N. 0302.01

N. E. 1/2 SEC. 23 T-5-N & R-17-W

FROM SEC. COR. 14|13 TO 1/4 SEC. COR. 23|24
23|24

REF:

FEB. 23 1976

PARTY:

JONES
RODRIGUEZ
LUND

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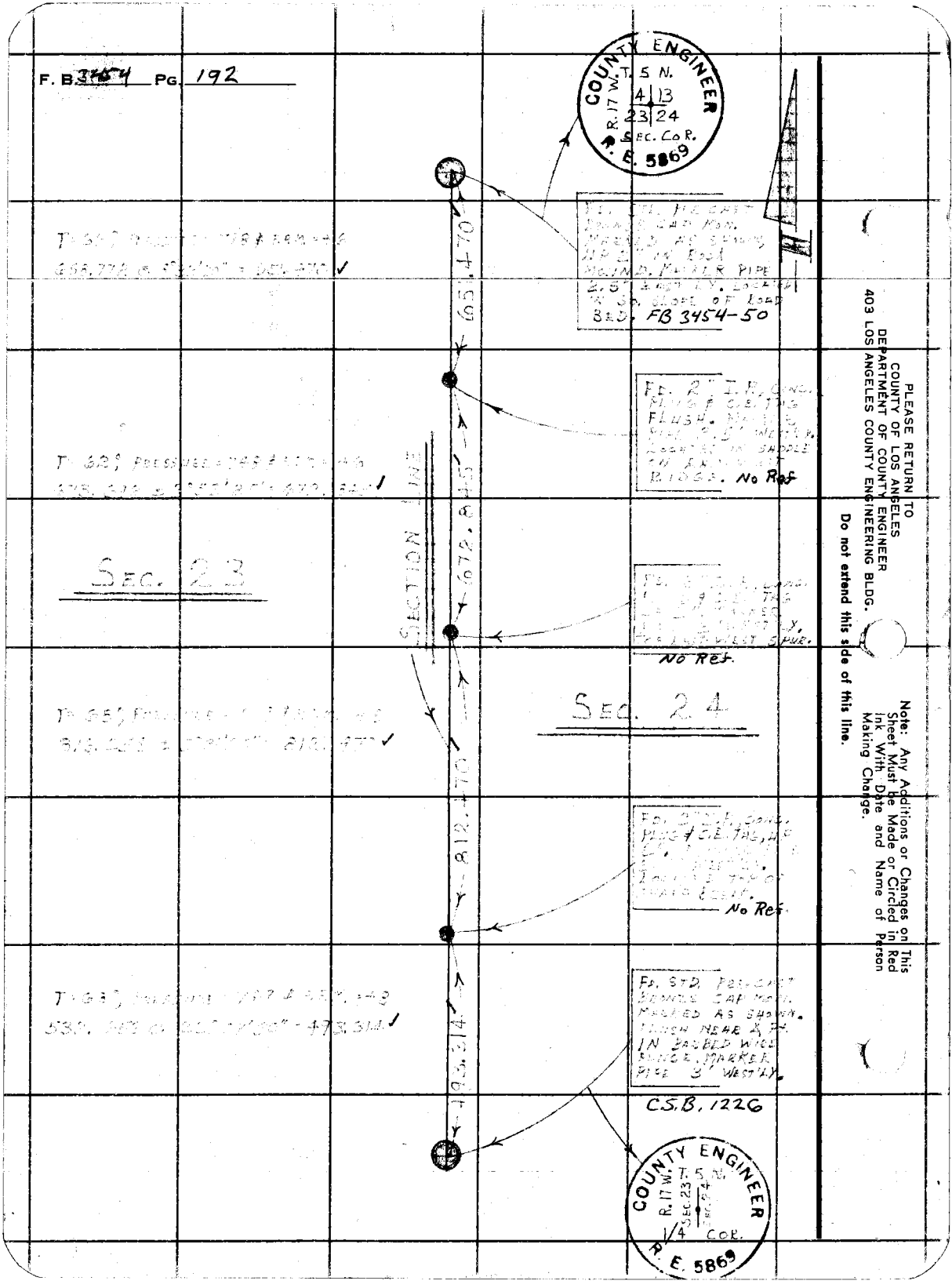
76F309S CE#310 3-69

F. B. 3454 PG. 192



PLEASE RETURN TO
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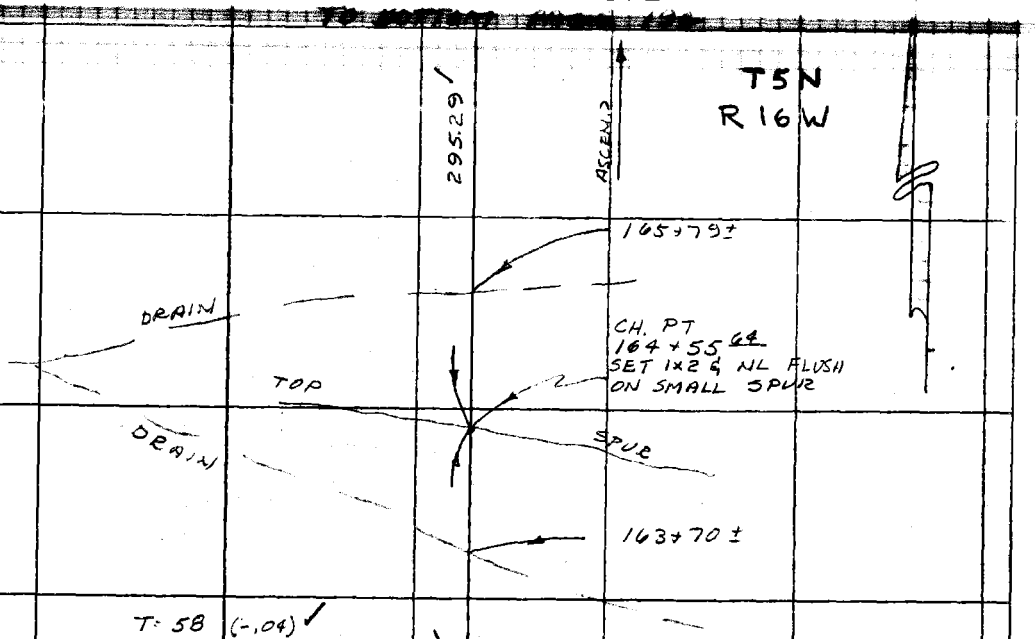
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

W 1/2

Notes Ck'd by C. R. [illegible]	Survey of T5N R16W	F. B. 3454 PG. 193
Map No.	IN0202.01 Tape 25 Std. 84 °F	
Office Work	Surveyed by NEVAREZ	
Checked	Notes M.R.N. Date APR. 76	
Date	Indexed	



T= 58 (-.04)

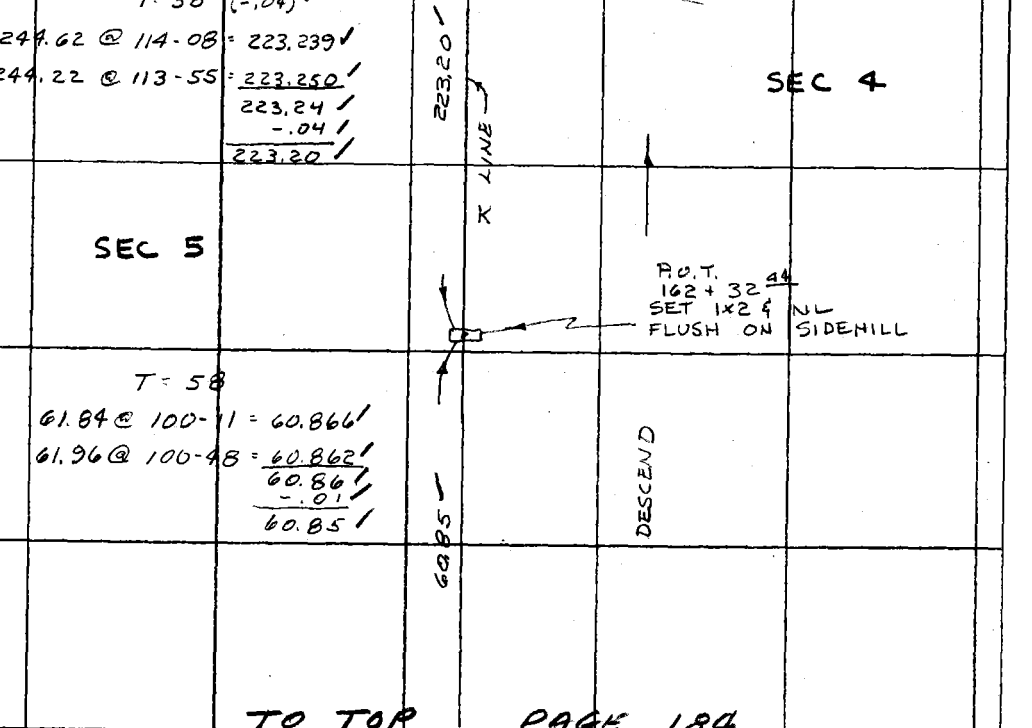
244.62 @ 114-08 = 223.239

244.22 @ 113-55 = 223.250

223.24

-.04

223.20



T= 58

61.84 @ 100-11 = 60.866

61.96 @ 100-48 = 60.862

60.86

-.01

60.85

TO TOP PAGE 184

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

Do not extend this side of this line.

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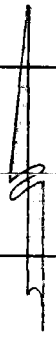
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3454 Pg. 194

TO BOTTOM PAGE 195



T5N
R16W

240.72

R.O.T.
169+29 01
SET 1X2 & NL
FLUSH ON SPUR

TOP SPUR

168+64

DRAIN

178.08

℄ LINE

T=58

178.65 @ 265-32 = 178.107
178.54 @ 266-01 = 178.109
178.11
-.03
178.08

SEC 4

SEC 5

CH. PT
167+50 93
SET 1X2 FLUSH
ON BREAK

TOP

SPUR

167+40

T= 58

296.70 @ 84-31 = 295.342
296.75 @ 84-25 = 295.342
295.34
-.05
295.29

295.29

TO TOP page 193

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WEST 1/2

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

Survey of
JN0302.01 Tape 25 Std. 84 °F
Surveyed by
Notes M.R.W. Date APR 76
Indexed

F. B. 34 4 Pg. 195

TO RIGHT SIDE PAGE 196

DRAIN

173+38

285.28'

T=50°

286.50 @ 84-50 = 285.336'
286.63 @ 84-34 = 285.342'
285.341'
-.06'
285.28'

T5N R16W

TOP

EAST

SPUR

CH PT
172+28 60
SET PENCIL (+) ON ROCK
ON SHARP SPUR

T=58

62.01 @ 108-17 = 58.880'
62.29 @ 109-03 = 58.879'
58.88'
-.01'
58.87'

58.87'

SEC 5

SEC 4

171+69 73
CH. PT.
SET 1x2 FLUSH
ON SIDEHILL

171+34

DRAIN

240.72'

LINE

K

T=58

281.28 @ 121-08 = 240.766'
280.83 @ 120-59 = 240.760'
240.771'
-.05'
240.72'

TO TOP PAGE 194

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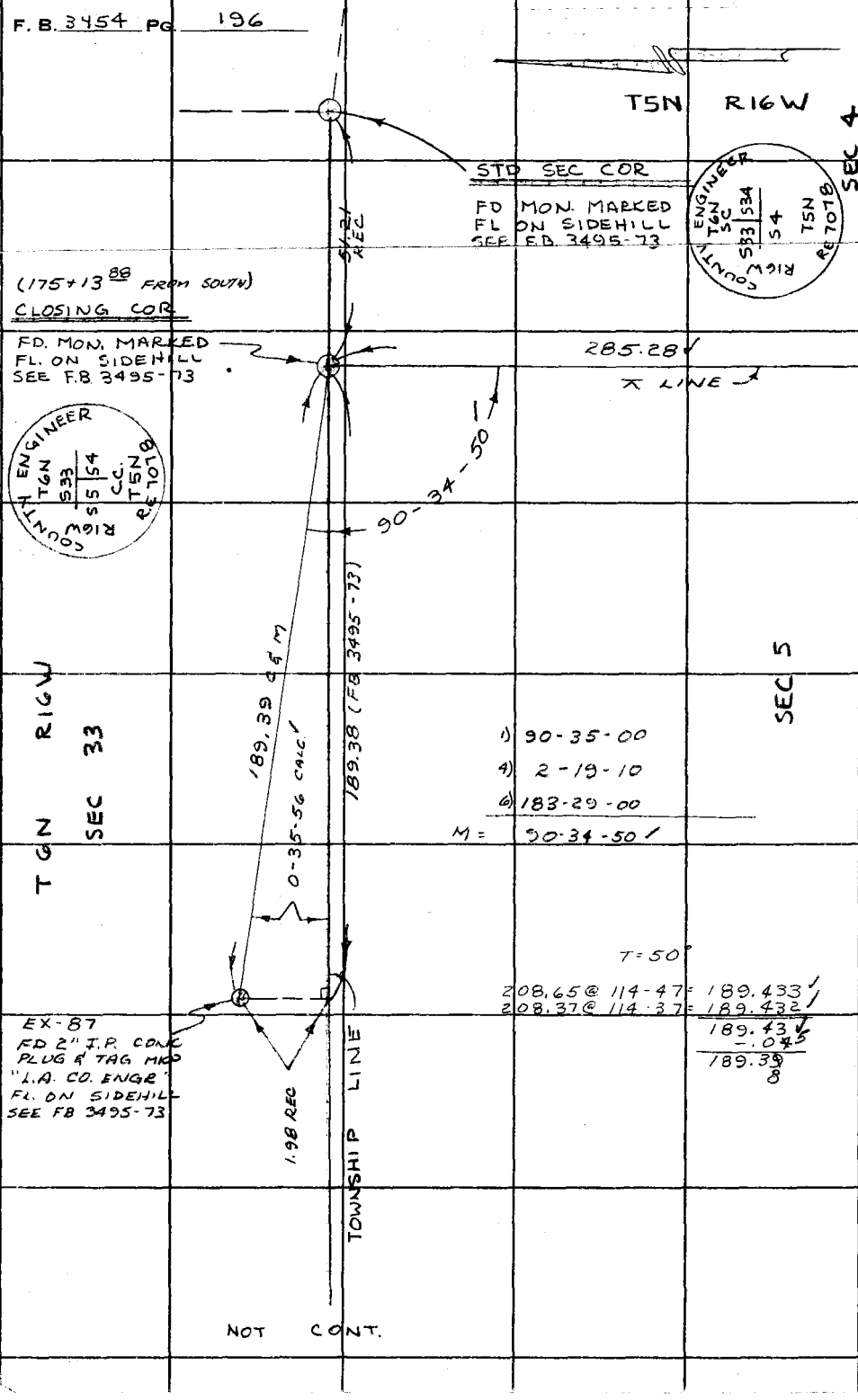
76F309S CE#310 3-68

F. B. 3454 PG 196



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Notes Ck'd by	Survey of T5N R16W	F. B. 3454 Pg. 197
~~Map No.~~	JN ~~Tape~~ ~~Std.~~ °F	
Office Work	Surveyed by M. R. NEVAREZ	
Checked	Notes M.R.N. Date 5-76	
Date	Indexed	

SECTION LINES

JN 0302.01

①	EAST	LINE OF SEC 6	T5N	R16W	PG 202-212
②	SOUTH	LINE OF SEC 5	"	"	213-218
③	SOUTH	LINE OF SEC 4	"	"	219-226

PARTY

M. NEVAREZ
B. JACKSON
L. MANLEY
R SCHERB

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76F309S CE#310 3-68

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F. B. 3454 Pg 198

Notes Ck'd by
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Office Work
Checked
Date

Survey of T.S.M. R14W
JN 0302.01 Tape B Std. 64 °F
Surveyed by
Notes M.R.N. Date 11-73
Indexed

F. B. 3454 Pg. 199

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2852.99' N.

1439.51' F.B. 3454-38

11-13-12

1/4 SEC. COR.
FD MON. MARKED
FL. ON SPUR
SEE F.B. 3454-38

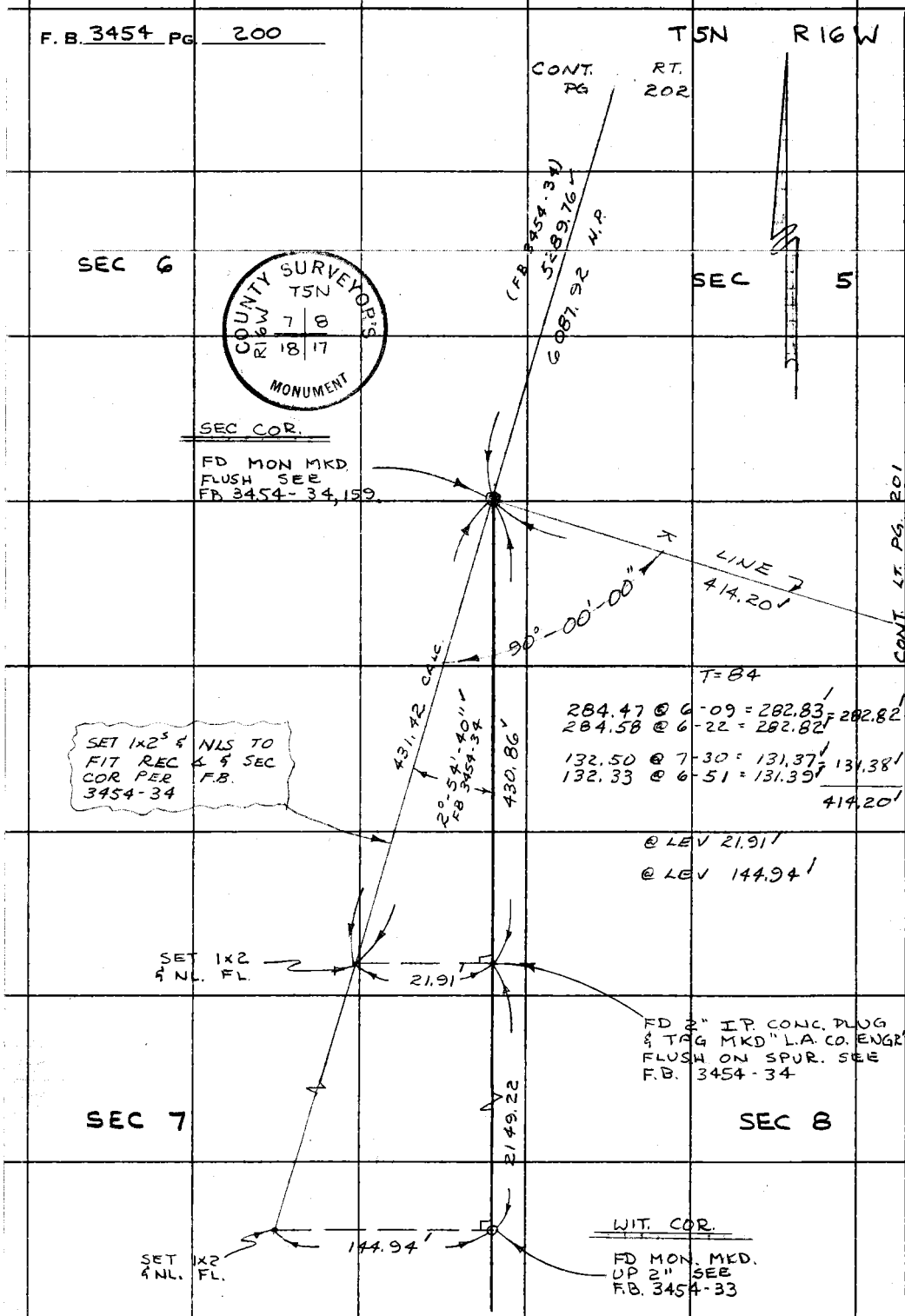
992.95' F.B. 3454-38

FD 2" I.P. CONC. PLUG
& TAG MKD "L.A. CO. ENGR." FL ON SPUR
SEE FB 3454-38

553.39'

SEE F.B. 3454-38 FOR CONT.

76F309s CE#310 3-69



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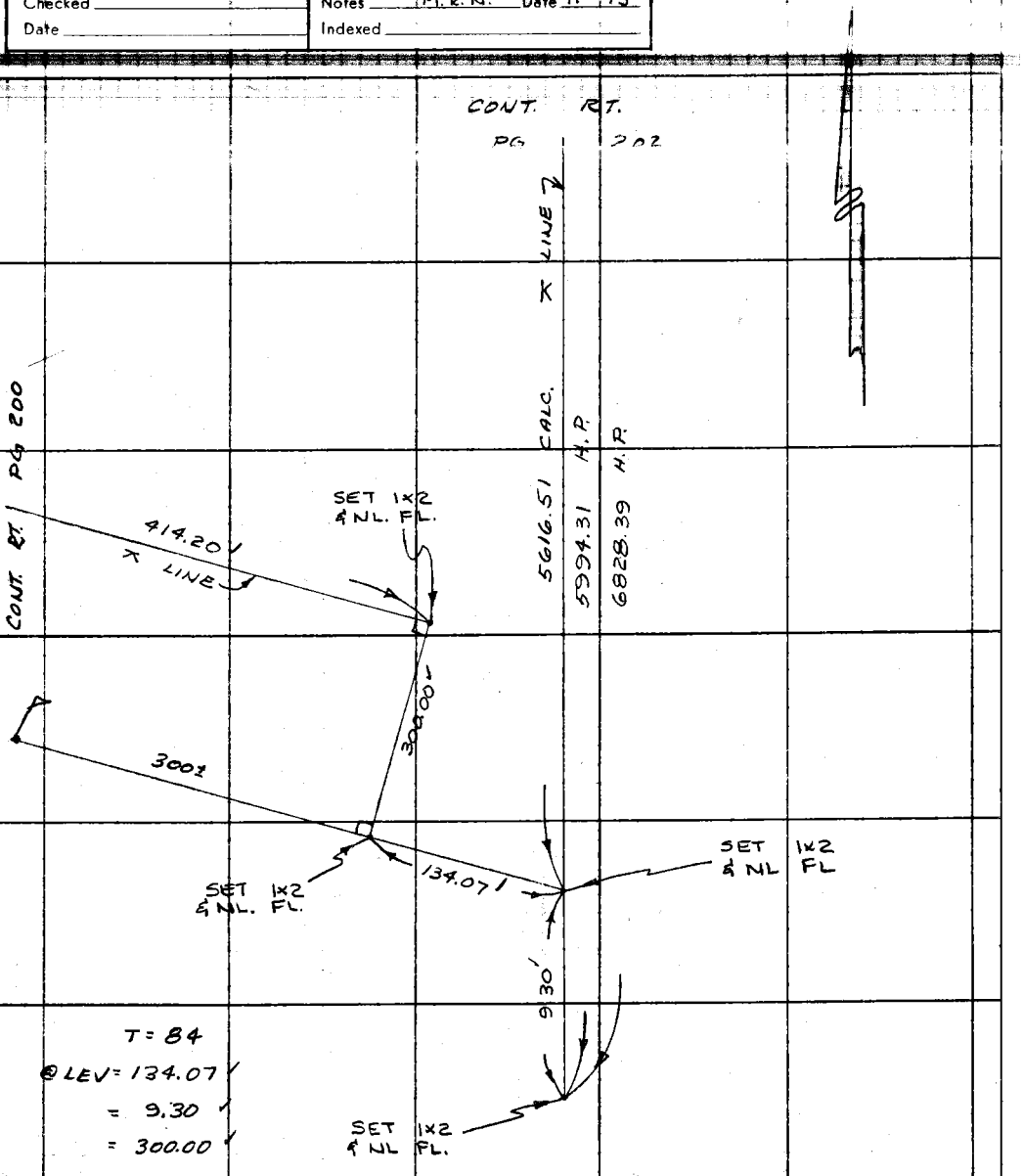
Notes Ck'd by [illegible]	Survey of TSN R.G.W.	F. B. 3454 PG. 201
Map No.	JN 03020 Tape 8 Std 84 °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes M.R.N. Date 11-73	
Date	Indexed	



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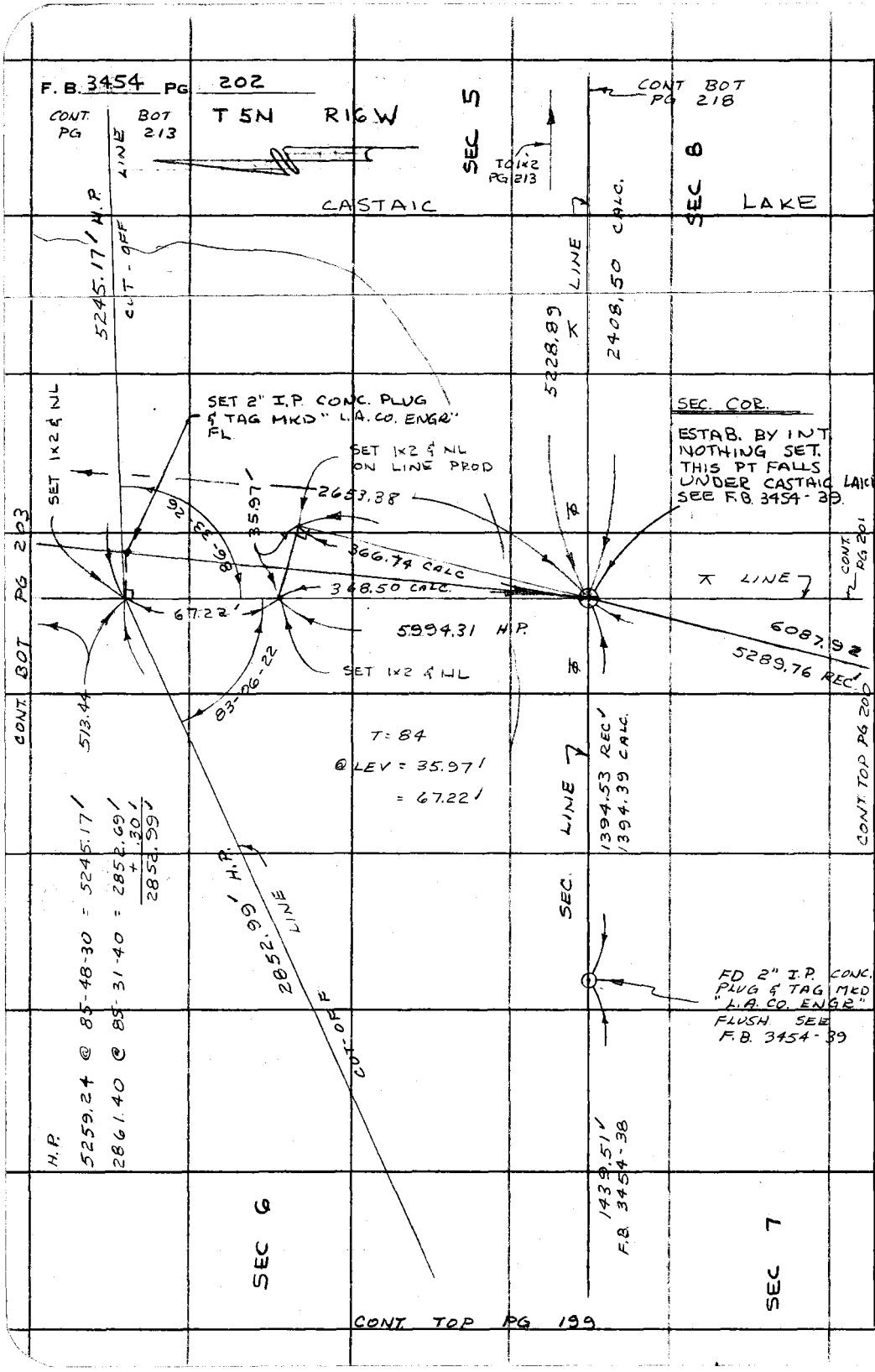
76F309S CE#310 3-69



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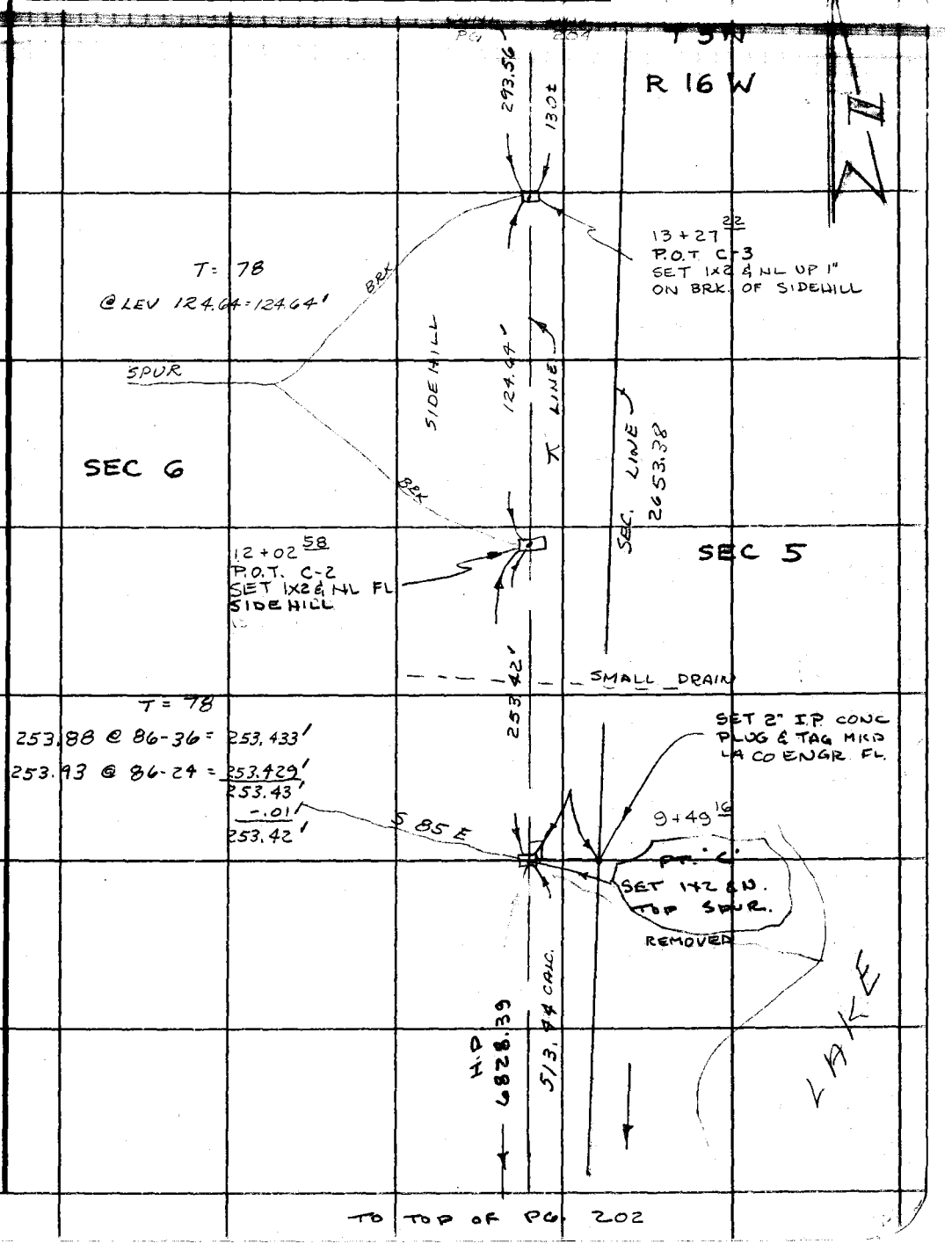
SECTION LINE

Notes Ck'd by	Survey of SEC 6 T 5N R 16W
Map No.	JN 0302.01 Tape 8 Std. 84 °F
Office Work	Surveyed by J.P. MENNE - NEVAREZ
Checked	Notes J.P.M - M.R.N Date 11- 73
Date	Indexed

F. B. 3454 PG. 203



TO TOP OF PG. 202

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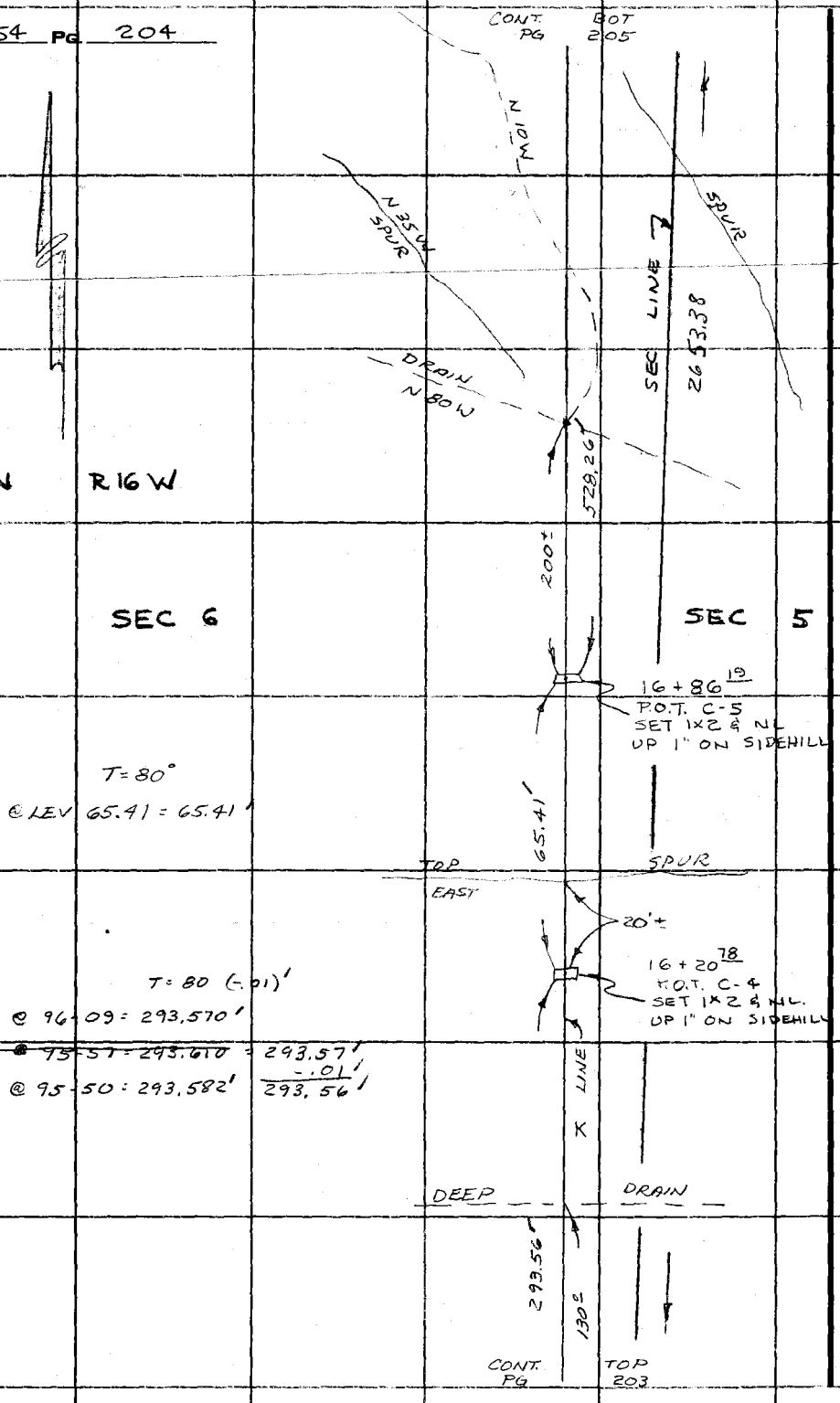
76F309S CE#310 3-68

F. B. 3454 PG. 204



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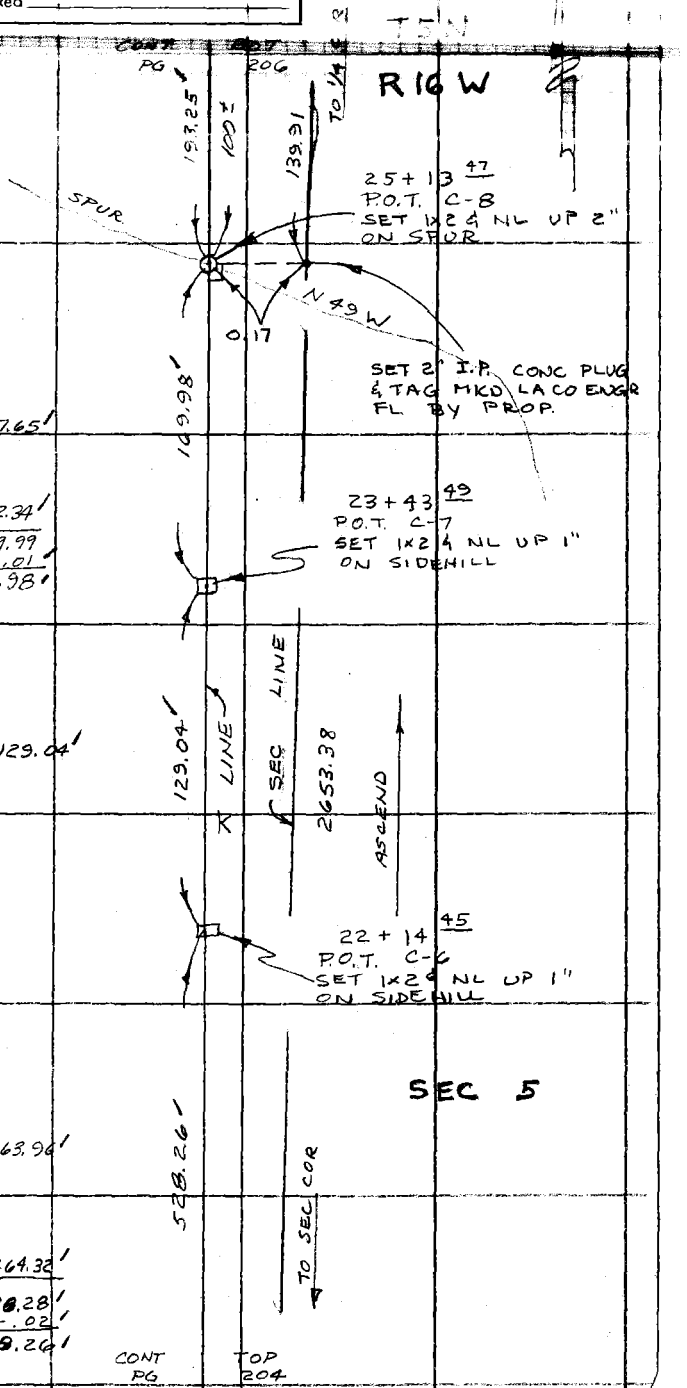
Notes Ck'd by [illegible]	Survey of SECTION LINES
Map No.	JN0302.01 Tape 25 Std 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes M.R.N. Date 5-4-76
Date	Indexed

F. B. 3454 PG. 205



T = 80

~~142.41 @ 284-53 = 137.632~~

142.58 @ 285-06 = 137.657 = 137.65

142.35 @ 284-46 = 137.648

T = 58

33.63 @ 105-56 = 32.338 F 32.34

33.23 @ 103-17 = 32.341

169.99

-.01

169.98

T = 82° (N.O.)

134.90 @ 73-04 = 129.051 = 129.04

134.85 @ 73-07 = 129.037

T = 76 (-.01)

266.82 @ 261-35 = 263.946 = 263.96

266.76 @ 261-42 = 263.966

T = 80 (-.01)

276.13 @ 106-49 = 264.321 = 264.32

275.82 @ 106-36 = 264.324

528.28

-.02

528.26

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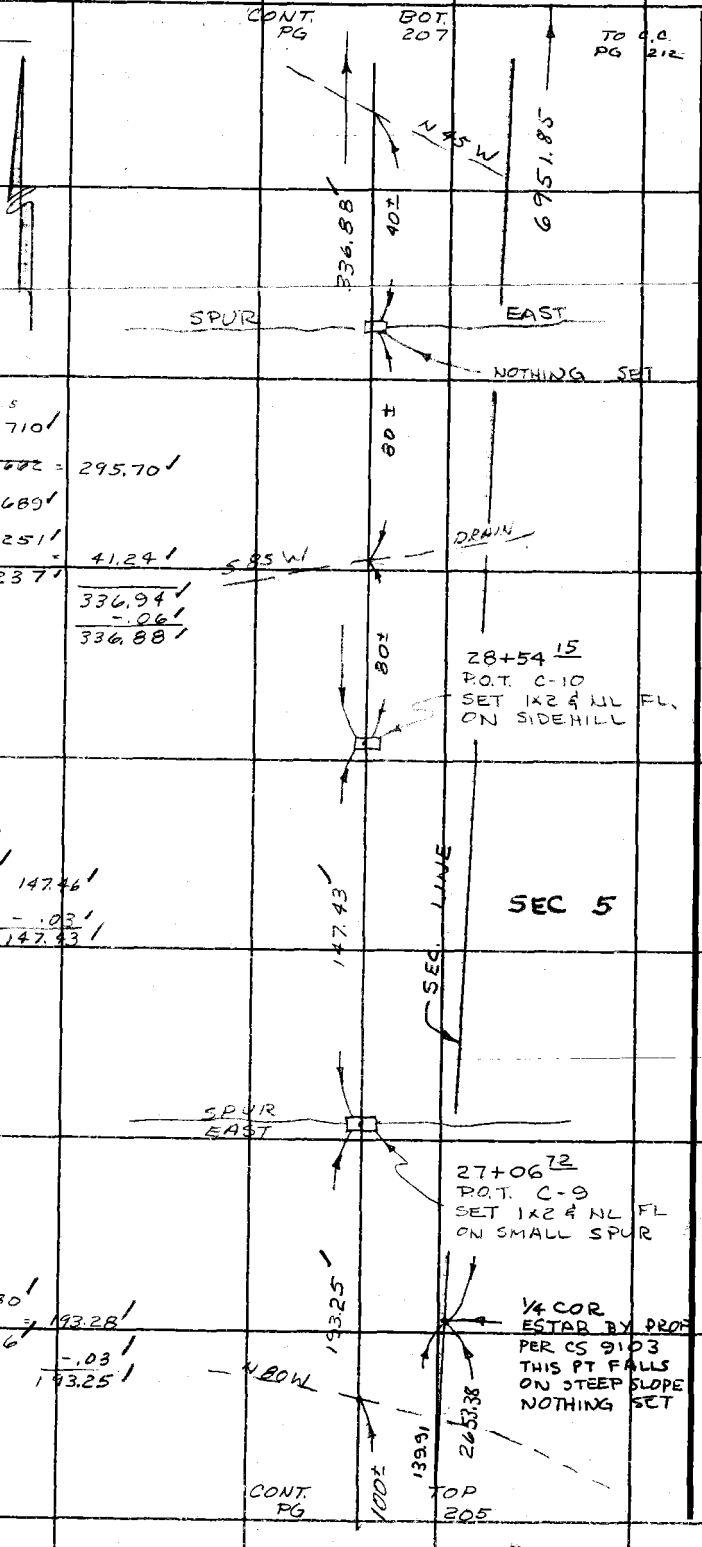
76F309S CE#310 3-68

F. B. 3454 PG 206

T 5 N

R 16 W



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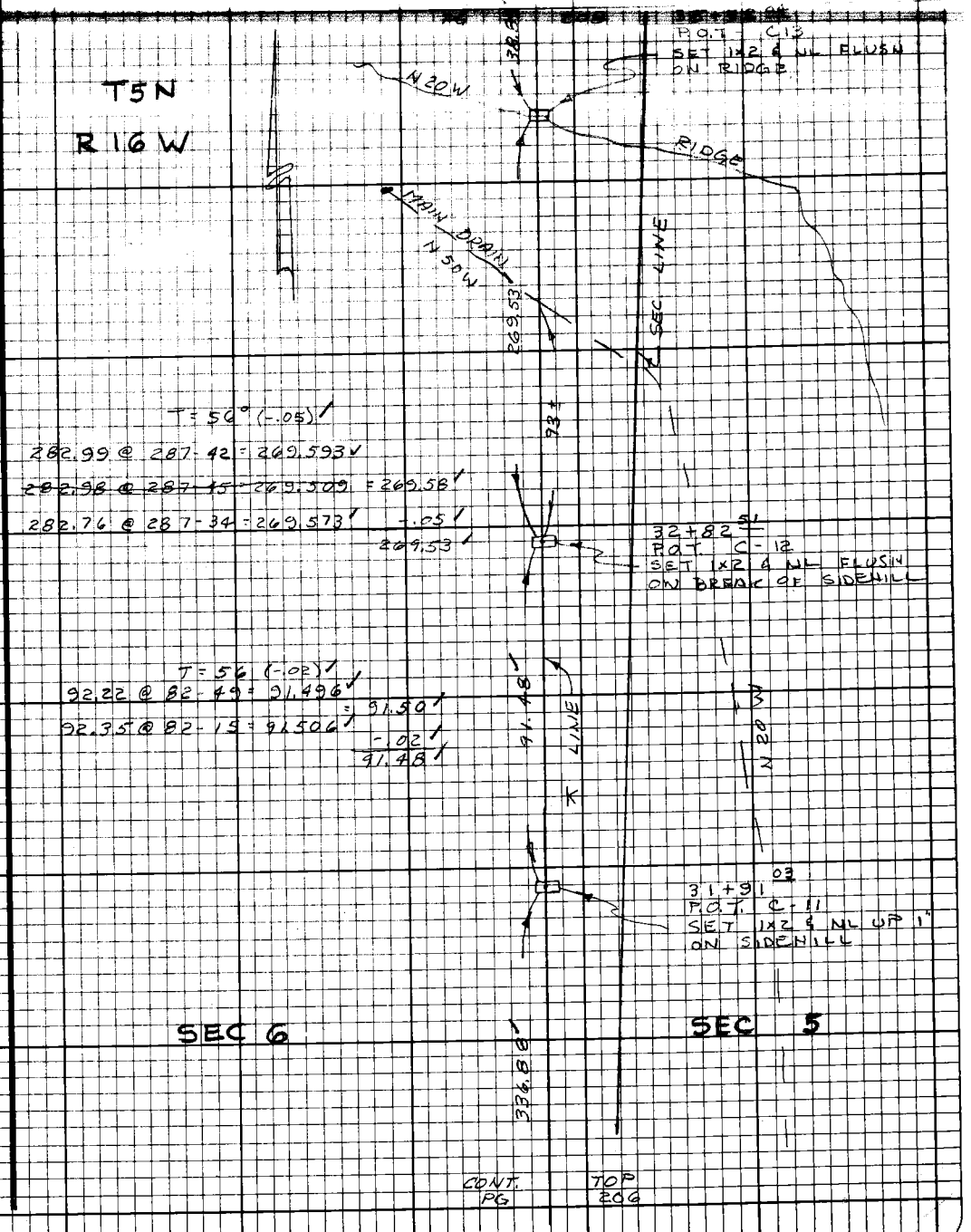
Notes Ck'd by S. R. GOSS	Survey of SECTION LINES
Map No.	JN 9302.01 Tape 25 Std 84 °F
Office Work	Surveyed by M. R. NEVAREZ
Checked	Notes M.R.N. Date
Date	Indexed

F.B. 3454 Pg. 207



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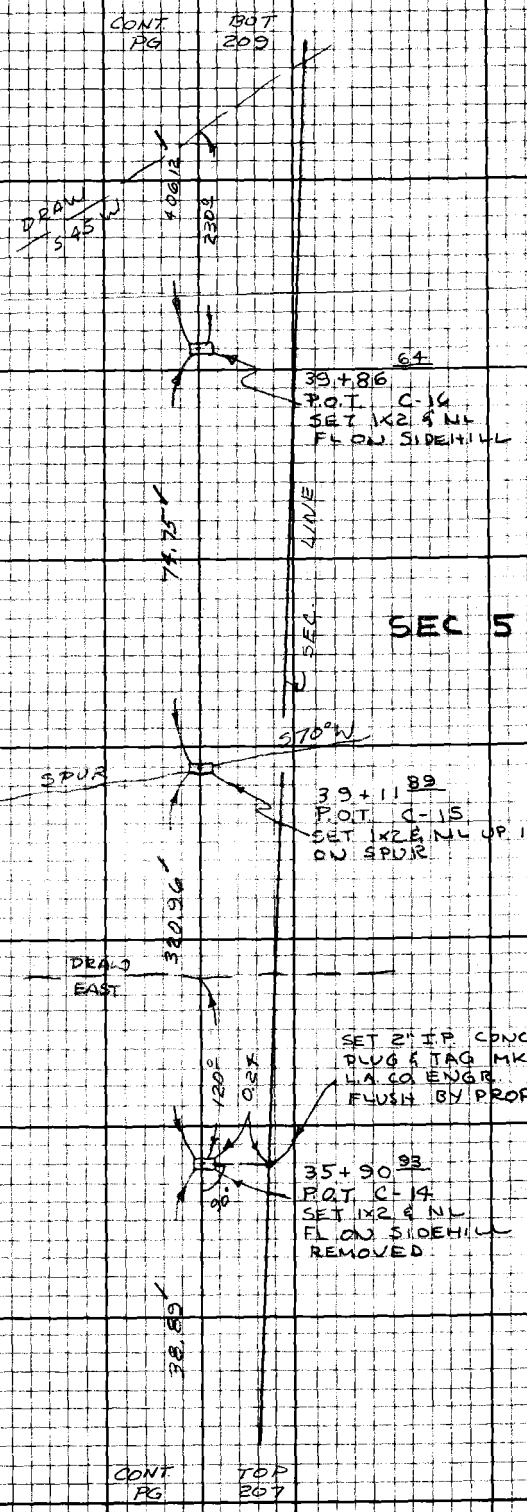
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #310 9-67

F.B. 3454 PG 208

T5N

R 16 W



T = 90 (N.C.)

75.93 @ 259-53 = 74.749
75.97 @ 259-42 = 74.746 74.75

T = 90° (+.01)

297.19 @ 264-28 = 295.805
= 295.81

297.12 @ 264-37 = 295.809
26.86 @ 110-37 = 25.140
= 25.14

27.27 @ 112-49 = 25.136

320.95
+.01
320.96

T = 88 (N.C.)

39.11 @ 83-55 = 38.890
= 38.89

39.20 @ 82-49 = 38.892

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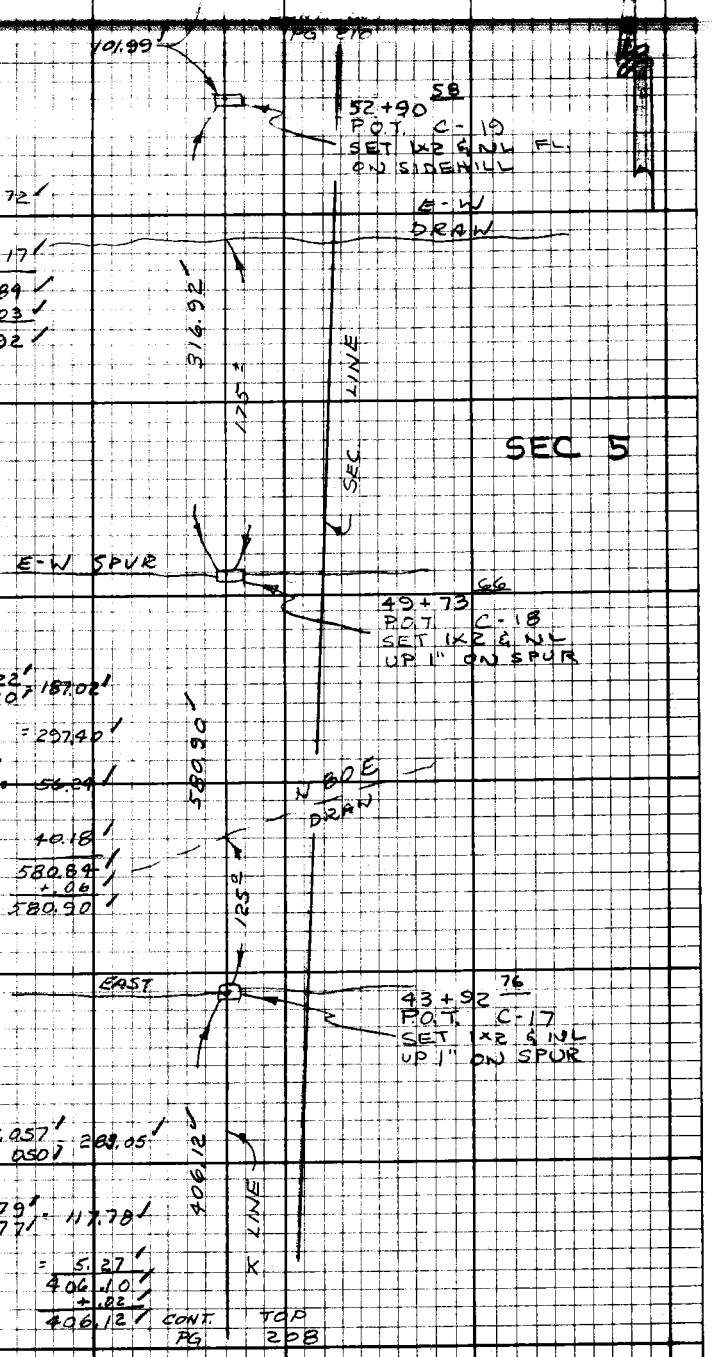
Notes Ck'd by	Survey of SECTION LINES
Map No.	JN 0302.01 Type 25 Std 84 °F
Office Work	Surveyed by M.P. NEVAREZ
Checked	Notes MRN Date 5-76
Date	Indexed

F.B. 3454 PG. 209

T5N

R16W



T = 100°

26.35 @ 102-31 = 25.72
26.39 @ 102-52 = 25.72 = 25.72

297.24 @ 101-36 = 291.17
296.99 @ 101-21 = 291.18 = 291.17

316.89
+.03
316.92

T = 98 (+.02)

195.55 @ 253-01 = 187.022
195.30 @ 253-16 = 187.030 = 187.02

@ LEV = 297.40

61.23 @ 113-18 = 56.24
61.04 @ 112-52 = 56.24 = 56.24

40.95 @ 281-07 = 40.18
41.07 @ 281-55 = 40.18 = 40.18

580.84
+.06
580.90

T = 92° (+.02)

300.53 @ 250-22 = 283.057
300.15 @ 250-34 = 283.050 = 283.05

T = 88

144.66 @ 125-29 = 117.79
144.30 @ 125-18 = 117.77 = 117.78

@ LEV = 5.27

406.10
+.02
406.12

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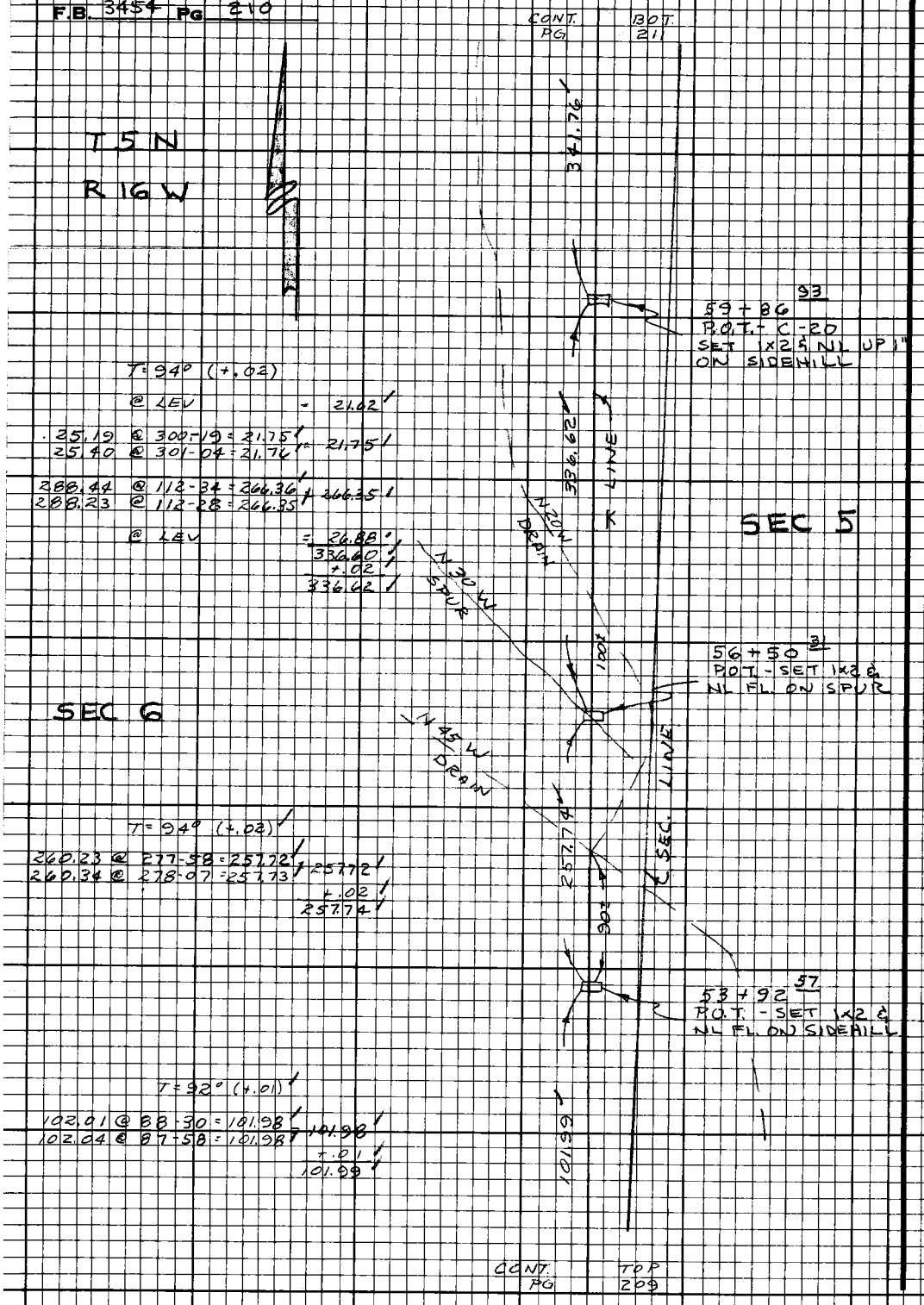
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3454 Pg 210



Notes Ck'd by		Survey of	T5N R16W
Map No.		JN 030201	Tape 25 Std 84 °F
Office Work		Surveyed by	M.P. NEVAREZ
Checked		Notes	M.R.N. Date 6-76
Date		Indexed	

F.B. 3454 PG. 211

T5N

R16W

PG 212

214.45

T = 86°

214.30 @ 85-38 = 213.68
214.34 @ 85-28 = 213.67 213.67

@ LEV = 0.78
214.45

67+37 42
P.O.T. C-22
SET 1x2 & NL
FL ON SIDEHILL

50.32

T = 80

51.12 @ 79-50 = 50.32
51.30 @ 78-49 = 50.33 = 50.32

66+87 10
P.O.T. - SET PENCIL (+)
ON ROCK @ EDGE OF
CLIFF.

T = 84

136.55 @ 113-55 = 124.83
136.25 @ 113-39 = 124.81 124.82

@ LEV = 207.34
@ LEV = 26.25
358.41

358.41

SEC. LINE

SEC 5

SEC 6

63+28 69
P.O.T. C-21
SET 1x2 & NL UP 1" ON
STEEP SIDEHILL

T = 92°

216.88 @ 104-20 = 210.13
216.78 @ 104-15 = 210.11 210.12

@ LEV = 46.80

84.92 @ 272-46 = 84.82
84.97 @ 273-19 = 84.83 84.82
341.74
+.02
341.76

341.76

CONT. PG

TOP 210

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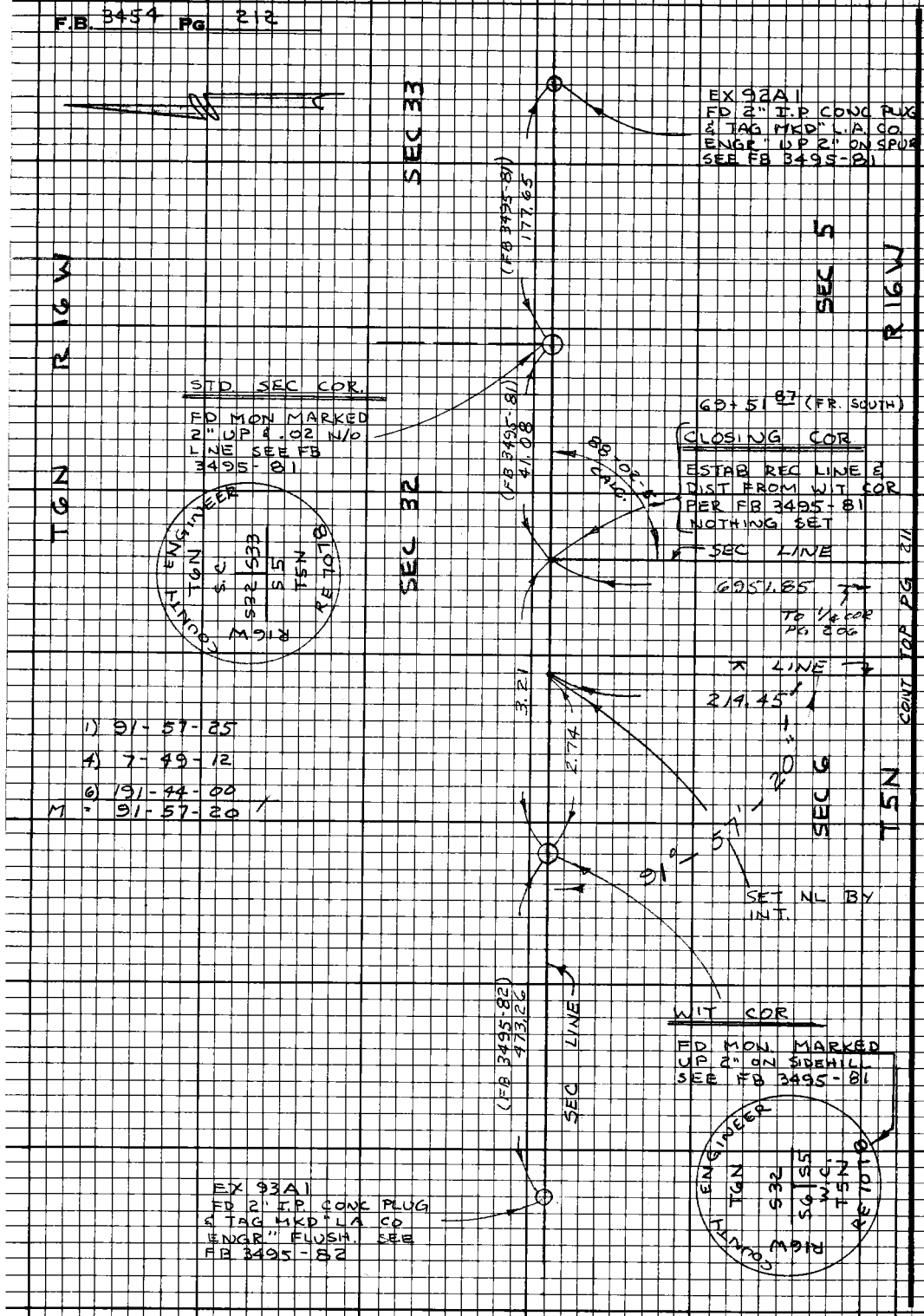
76F3098 CE#310 9-67

F.B. 3454 PG. 212



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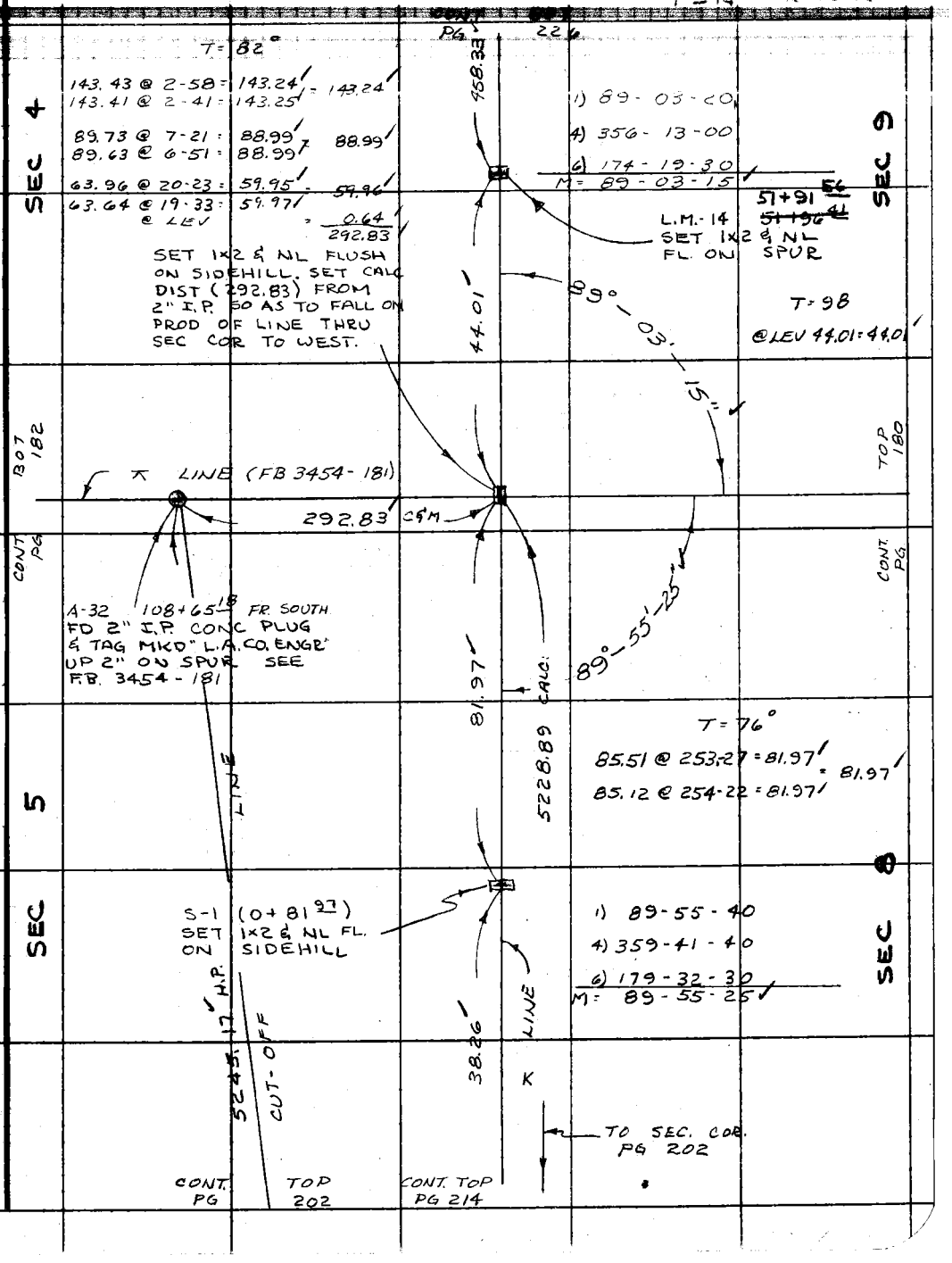
Notes Ck'd by C. R. GO[illegible]	Survey of T5N R16W	F. B. 3454 PG. 213
Map No.	JN0302.01 Tape 25 Std 84 °F	
Office Work	Surveyed by M. P. NEVAREZ	
Checked	Notes M.R.N. Date 6-76	
Date	Indexed	

T5N R16W



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76F309S CE#310 3-69

F. B. 3454 Pg. 214

CONT PG

BOT 213

T5N R16W

T = 76°

43.80 @ 119-08 = 38.26
43.41 @ 118-11 = 38.26 = 38.26

38.26

S-2 (1+20 23)
SET 1x2 & NL FL.
ON SIDEHILL

N 20 E

1+40

EDGE OF CLIFF

N 20 E

271.86

DRAIN

T = 78°

269.46 @ 233-13 = 215.81
271.67 @ 232-36 = 215.82 = 215.81

58.01 @ 255-06 = 56.06
57.74 @ 256-07 = 56.06 56.06

271.87
-.01
271.86

SEC 5

SEC 8

P.O.T. 3+92 09
SET 1x2 & NL FL.
ON SIDEHILL

T = 84

@ LEV 99.98 = 99.98

99.98

LINE K

S-3 4+92 07
SET 1" I.P. CONC PLUG
& TAG MKD " L.A. CO. ENGR"
UP 1" ON SPUR

N 30 E

SPUR

T = 72°

239.82 @ 251-56 = 228.00
239.65 @ 252-03 = 227.99 = 227.99

-.02

227.97

227.22

CONT PG

TOP 215

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Notes Ck'd by		Survey of	T5N R16W
Map No.		JN 0302.01 Tape	84 Std 64 °F
Office Work		Surveyed by	M. R. NEVAREZ
Checked		Notes	M.R.N. Date 6-76
Date		Indexed	

F.B. 3454 PG 215

T5N R16W

PG 214

227.97

S-4 7+20 04
SET 1x2 & NL FL.
ON SIDEHILL

T = 74°

242.66 @ 95-10 = 241.67
242.55 @ 94-51 = 241.68

241.67
- .02
241.65

LINE

SEC 5

SEC 8

241.65

N 10 E

8+45

DRAIN

P.O.T. 9+61 69
SET 1x2 & NL FL.
ON SIDEHILL

T = 90°

84.66 @ 115-51 = 76.19
84.36 @ 115-27 = 76.17 = 76.18

68.44 @ 290-16 = 64.20
68.61 @ 290-40 = 64.19 = 64.19

140.37
+ .01
140.38

140.38

CONT. TOP
PG 216

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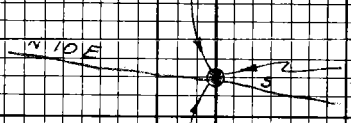
76F3098 CE#310 9-67

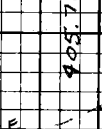
F.B. 3454 PG 216

T5N R16W

CONT. PG | BOT 215

140.38





S-5 (11+02.07)
SET 1" I.P. CONC
PLUG & NL UP 1"
ON SIDEHILL

N 10 E

S

T = 90°

45.42 @ 106-05 = 43.64
45.22 @ 105-11 = 43.64 = 43.64

106.79 @ 115-21 = 96.51
106.26 @ 114-44 = 96.51 = 96.51

267.04 @ 96-05 = 265.54
266.94 @ 95-50 = 265.56 = 265.55

405.70
+ .02
405.72

405.72

DRAIN

13 + 92

S 45 E

SEC 5

SEC 8

POT (15+07.79)
SET 1x2 & NL FL
ON SIDEHILL

T = 90°

@ LEV = 36.06

299.01 @ 93-23 = 298.49
298.98 @ 93-13 = 298.51 = 298.50

334.56
+ .01
334.57

334.57

K LINE

P.O.T. (18+42.36)
SET 1x2 & NL FL
ON SIDEHILL

T = 90°

222.94 @ 86-01 = 222.40
222.99 @ 85-50 = 222.40 = 222.40

+ .01
222.41

222.41

CONT. PG | TOP 217

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408 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of T5N R16W
Map No.	JN 0302.01 Tape 25 Std 84 °F
Office Work	Surveyed by MR NEVAREZ
Checked	Notes MRN Date 6-76
Date	Indexed

F.B. 3454 PG. 217

T5N R16W

PG 216

222.41

N 20 E

S-6 (20+64 77)
SET 1" I.P. CONC PLUG
& TAG MKD "L.A. CO. ENGR"
UP 1" ON SPUR

T=90°

179.74 @ 266-15 = 179.36 = 179.35
179.70 @ 266-25 = 179.35 + .01
179.36

179.36

LINE

SEC 5

SEC 8

S-7 (22+44 13)
SET 1x2 & NL FL
ON SMALL SPUR

T=76°

225.39 @ 99-19 = 222.42 222.41
225.25 @ 99-06 = 222.41 -.01
222.40

222.40

POT (24+66 53)
SET 1x2 & NL FL
ON SIDEHILL

SPUR

T=78°

191.54 @ 260-04 = 188.67 188.67
191.39 @ 260-20 = 188.67 -.01
188.66

188.66

LOW

CONT PG

TOP 218

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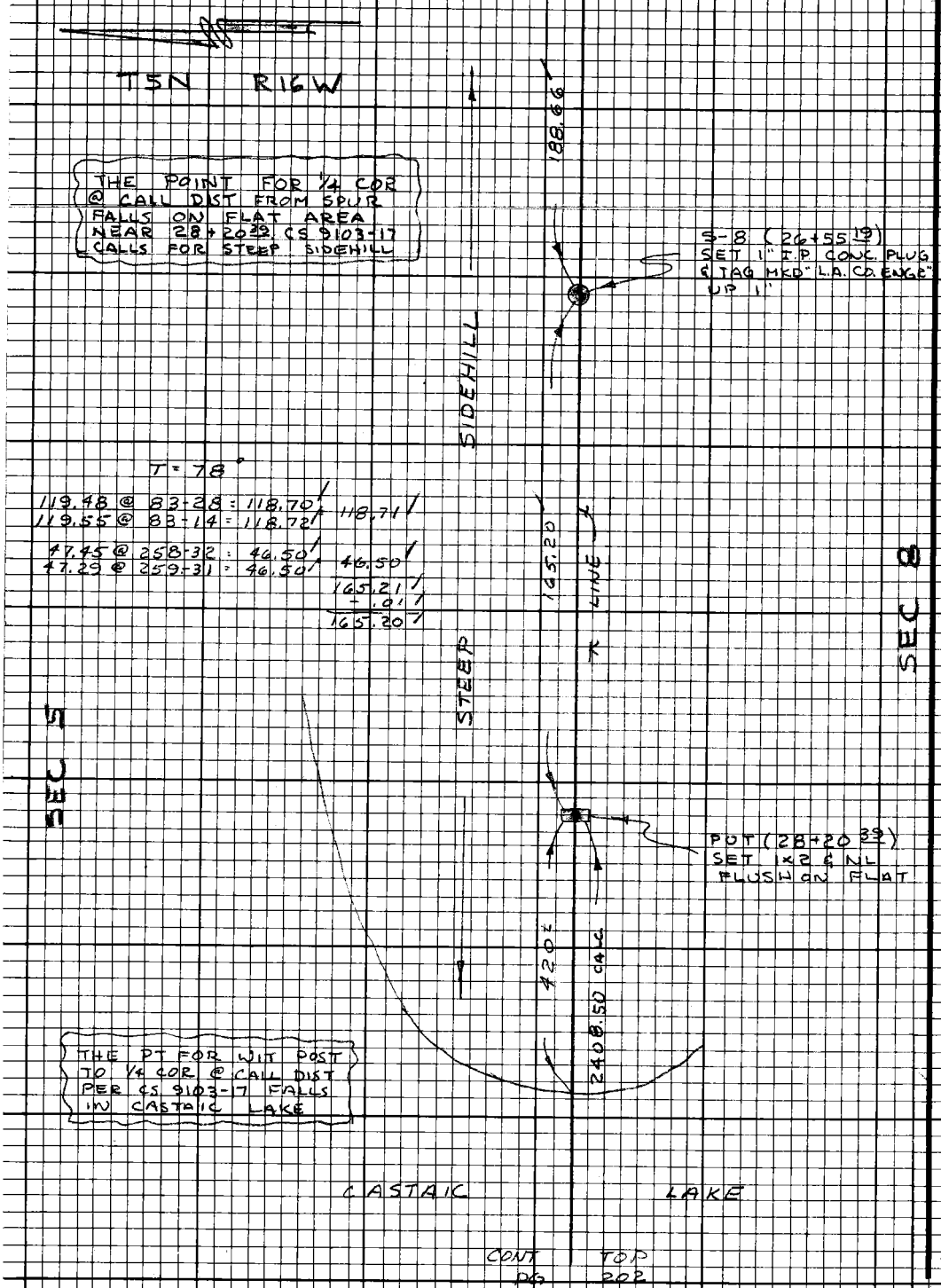
76F3098 CE#310 9-67

F.B. 3454 PG 218

CONT PG BOT 217



CONT PG TOP 202

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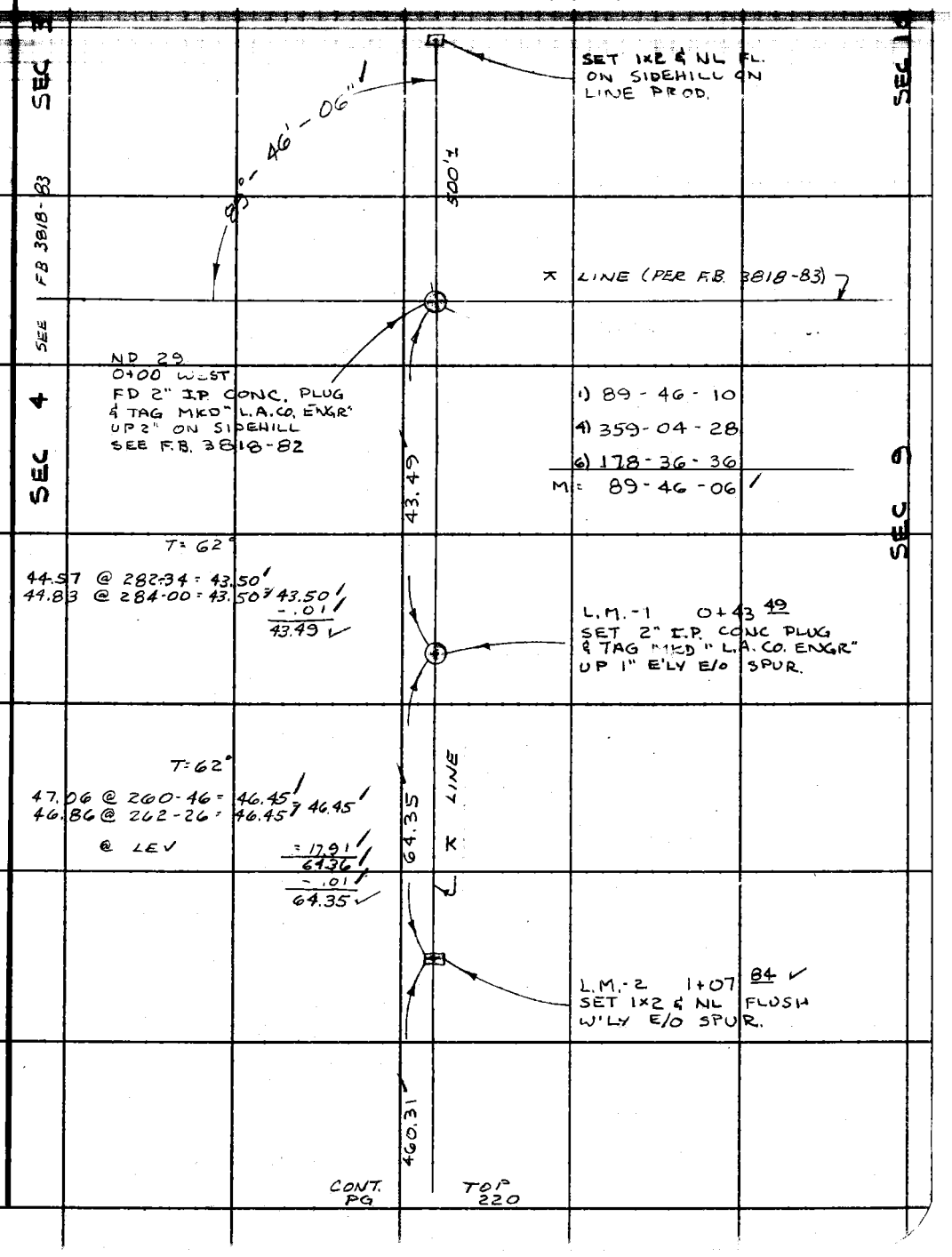
Notes Ck'd by C. R. [illegible]	Survey of T5N R16W	F. B. 3454 PG. 219
Map No.	JN 030201 Tape 25 Std. 84 °F	
Office Work	Surveyed by M.R. NEVAREZ	
Checked	Notes MRN Date 6-76	T5N R16W
Date	Indexed	



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76F309S CE#310 3-69

F. B. 3454 PG 220

T5N R16W

CONT. PG | BOT 219

T = 58

293.32 @ 94-44 = 292.32
293.30 @ 94-38 = 292.34 = 292.33

90.19 @ 117-41 = 79.87
89.83 @ 117-13 = 79.88 79.87

91.59 @ 285-39 = 88.19
91.81 @ 286-09 = 88.19 = 88.19

460.39
-.08
460.31

N45E

2+73

460.3

DRAIN

N55E

LM-3 5+68 15
SET 1x2 & NL
FLUSH ON SPUR

SEC 4

T = 66°

69.11 @ 96-07 = 68.72
69.13 @ 96-12 = 68.73 68.72
-.01
68.71

68.71

LINE

K

SEC 9

T = 62°

51.53 @ 104-52 = 49.81
51.29 @ 103-47 = 49.81 49.81

@ LEV = 215.94

179.90 @ 69-20 = 168.32
179.64 @ 69-32 = 168.30 168.31

@ LEV = 13.15

447.21
-.07
447.14

P.O.T. 6+36 86
SET 1x2 & NL FL.
ON SIDEHILL

447.14

N70E

7+91

DRAIN

CONT PG | TOP 221

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Notes Ck'd by [illegible]	Survey of T5N R16W	F. B. 3454 PG. 221
Map No.	JN0302.01 Tape 25 Std. 84 °F	
Office Work	Surveyed by M.K. NEVAREZ	
Checked	Notes MRN Date 6-76	
Date	Indexed	

CONT PG 220

T5N R16W

447.14

L.M-4 10+84.00
SET 2" I.P. CONC. PLUG & TAG MKD "L.A. CO. ENGR" UP 2" ON SPUR

SEC 9

T=66°

197.91 @ 257-25 = 193.16
197.82 @ 257-33 = 193.17 = 193.16

182.46 @ 100-41 = 179.30
182.33 @ 100-28 = 179.30 = 179.30

90.17 @ 274-20 = 89.91
90.26 @ 275-00 = 89.92 = 89.91

462.37
-.05
462.32

462.32

LINE

SEC 4

L.M.-5 15+46.32
SET 1x2 & NL FL. ON SMALL SPUR

T=90°

@ LEV = 20.67

158.84 @ 103-15 = 154.61
158.67 @ 102-58 = 154.62 = 154.61

294.98 @ 95-56 = 293.40
294.88 @ 95-46 = 293.39 = 293.39

100.92 @ 285-23 = 97.30
101.01 @ 285-33 = 97.31 = 97.30

583.40

@ LEV = 17.41

583.38
+.02
583.40

CONT. PG TOP 222

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76F309S CE#310 3-69

F. B. 3454 PG 222

CONT PG

BOT 221

T5N R16W

583.40

DRAIN

N 20 W

18 + 03

SEC 4

N 40 W

L.M.-6 21 + 29 72

SET 2" I.P. CONC PLUG & TAG MKD "L.A. CO. ENGR" UP 2" ON W'LY E/O SPUR.

T = 88

@ LEV = 9.92

297.74 @ 258 - 21 = 291.61
297.56 @ 258 - 31 = 291.60 F 291.60

113.15 @ 264 - 58 = 112.71
113.10 @ 265 - 16 = 112.71 F 112.71

414.23
+.01
414.24

414.24

LINE

SEC 9

T = 90

73.98 @ 109-18 = 69.82
73.56 @ 108-20 = 69.83 F 69.82

@ LEV = 2.79
72.61

L.M.-7 25 + 43 96

SET 1x2 & NL FL. ON TOP OF CUT BANK EAST SIDE LAKE HUGHES RD

T = 100°

131.05 @ 97-05 = 130.05
130.85 @ 96-26 = 130.03 F 130.04

+.01
130.05

72.61

130.05

TO INT. LAKE HUGHS RD

TO L.M.-8 PG 224

CONT PG

RT 223

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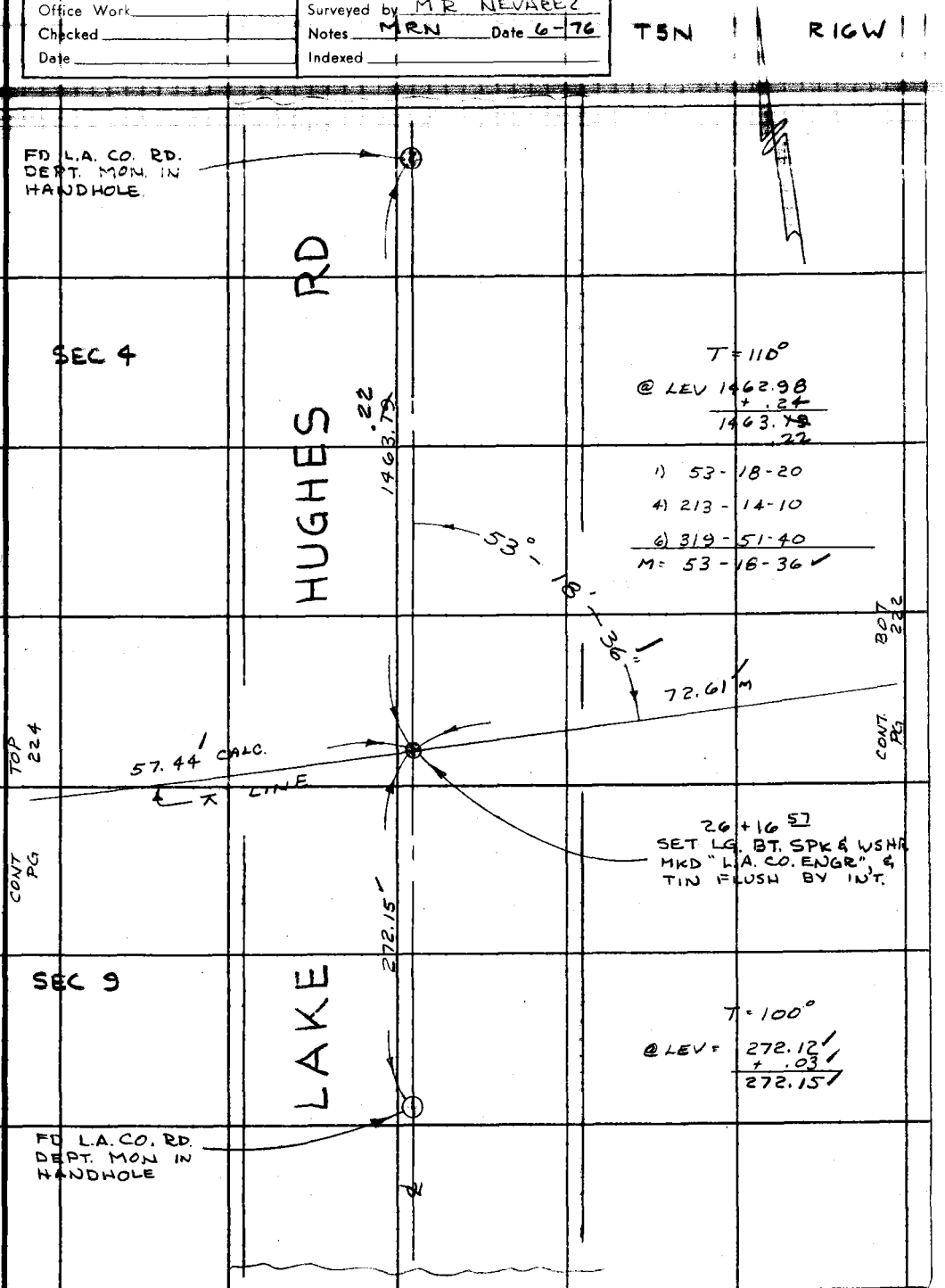
Notes Ck'd by [illegible]	Survey of T5N R16W	F. B. 3454 PG. 223
Map No.	JN 02020 Tape 85 Std 84 °F	
Office Work	Surveyed by M R NEVAREZ	
Checked	Notes MRN Date 6-76	
Date	Indexed	



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76F309S CE#310 3-69

F. B. 3454 PG. 224

T5N R16W

CONT PG

LT 223

TO L.M.-7 PG 222

57.44 CALC.

130.05

L.M.-8 26+74 01
SET 2" I.P CONC.
PLUG & TAG MKD
"L.A. CO. ENGR." FL
TOP OF CUT BANK

LINE

T = 86°

208.71 @ 101-17 = 204.68
208.53 @ 101-03 = 204.66 = 204.67

K

204.67

27+74

DRAIN

N 20 W

SEC 4

SEC 9

N 20 W

L.M.-9 28+78 68
SET 1x2 & NL FL
TOP OF SPUR

T = 90°

298.70 @ 97-35 = 296.09
298.58 @ 97-24 = 296.09 = 296.09
+.01
296.10

296.10

CONT PG

TOP 225

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Notes Ck'd by [illegible]	Survey of T5N R16W	F. B. 3454 PG. 225
Map No.	JN 0302.01 Tape 25 Std. 84 °F	
Office Work	Surveyed by M.R. NEVAREZ	
Checked	Notes MRN Date 6-76	
Date	Indexed	

T5N R16W

CONT. PG BOT 224

296.10

L.M.-10 31+74 78
SET 1x2 & NL FL
ON SIDEHILL

193.81

SEC 9

T= 94°

196.12 @ 98-50 = 193.79 = 193.80
196.21 @ 98-58 = 193.81 +.01
193.81

SEC 4

L.M.-11 33+68 59
SET 1x2 & NL FL
ON SIDEHILL

343.53 ~~348.38~~

LINE

K

T= 92°

169.76 @ 112-30 = 156.84 = 156.84
169.47 @ 112-15 = 156.85

198.19 @ 75-05 = 191.51 = 191.52
198.33 @ 74-57 = 191.53
348.36
+.02
348.38

37+12 12
~~37+16~~ 97
L.M.-12
SET 1x2 & NL FL
ON SIDEHILL

H.P. DIST.
363.095 @ 108-53-45 = 343.53
M.R.N. 8/10/76

488.26

CONT PG TOP 226

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76F309S CE#310 3-69

F. B. 3454 PG. 226

CONT. PG

BOT 225

T5N R16W

T = 100°

289.59 @ 102-02 = 283.23 /
289.95 @ 102-22 = 283.22 / = 283.22 /

38 + 57

123.09 @ 95-38 = 122.50 /
123.02 @ 95-19 = 122.49 / = 122.49 /

@ ELEV = 82.50 /

488.21
+.05 /
488.26 /

488.26

42+00 38
LM-13 42+05 33
SET 1x2 & NL FL
ON SPUR

T = 98°

401.14 @ 85-59 = 400.15 /
401.23 @ 85-48 = 400.15 / = 400.15 /

133.89 @ 97-48 = 132.65 /
133.76 @ 97-22 = 132.66 / = 132.65 /

532.80
+.05 /
532.85 /

NORTH

532.85

LINE

43+25

DEEP DRAIN

NORTH

47+33 23
P.O.T. 47+38 08
SET 1x2 & NL FL
ON SPUR

T = 98

460.28 @ 84-41 = 458.30 /
460.35 @ 84-34 = 458.28 / = 458.29 /
+.04 /
458.33 /

458.33

48+88

NORTH

DEEP DRAIN

CONT PG

TOP 213

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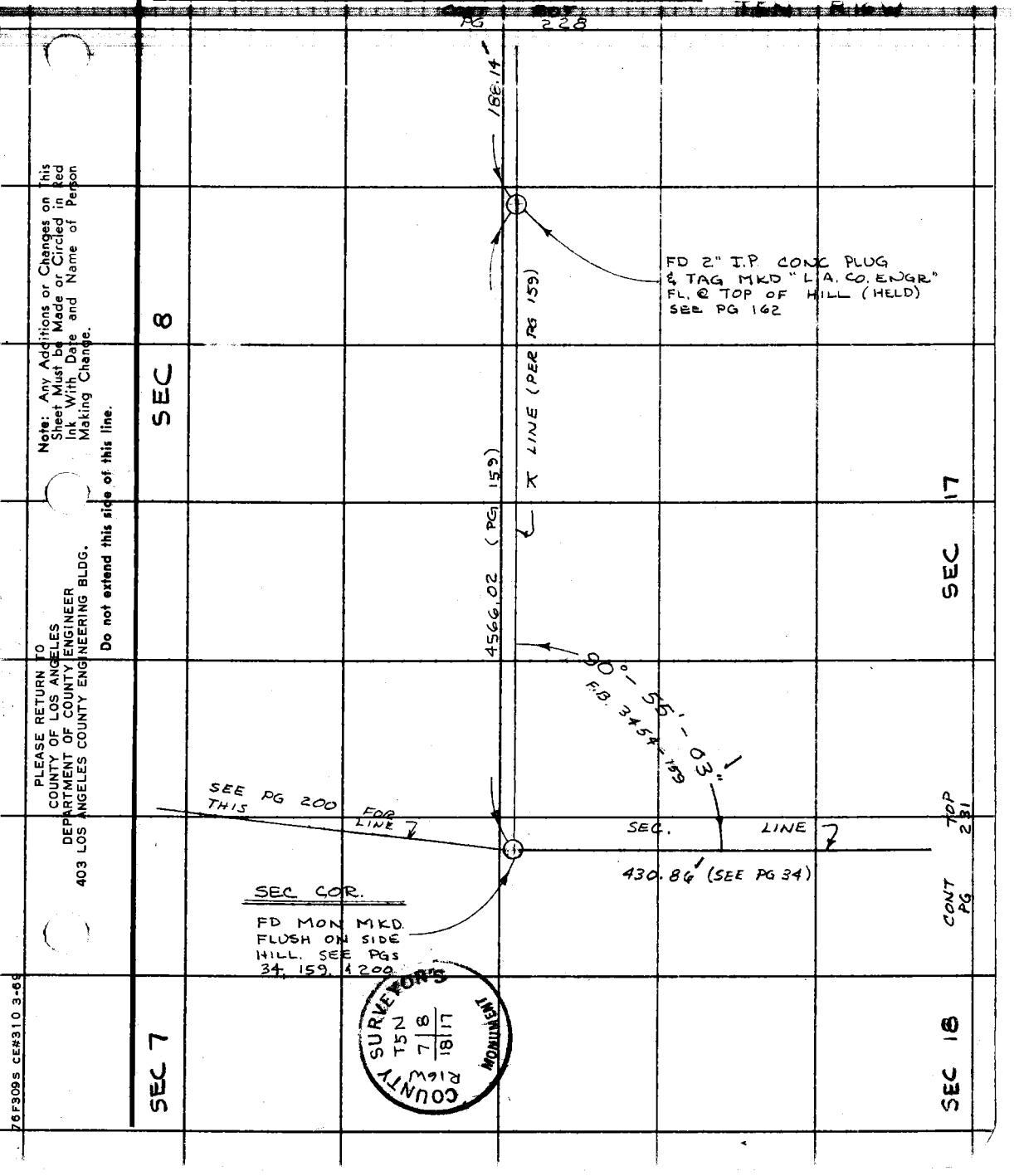
Notes Ck'd by	Survey of	F. B. PG.
Map No.	JN 0302.01 Tape Std 84 °F	
Office Work	Surveyed by	
Checked	Notes M.R.N. Date 7-76	
Date	Indexed	



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76F309S CE#310 3-69

F. B. 3454 Pg. 228

CONT PG

LT. 229

T5N R16W

T = 92°

53.46 @ 277-16 = 53.03 /
53.66 @ 81-15 = 53.04 / = 53.03 /

~~150.24 @ 240-39 = 130.96 /~~
149.37 @ 118-45 = 130.96 / = 130.96 /

83.02 @ 127-48 = 65.60 /
82.26 @ 232-54 = 65.61 / = 65.60 /

249.59 /
+ .01 /
249.60 /

249.60 /

2" I.P. PER PG 163
NOT FOUND. SET 2"
I.P. CONC. PLUG &
TAG MKD "L.A. CO. ENGR"
UP 2" ON SIDEHILL
ON LINE PROD.

SEC 8

H.P.

560.724 @ 1-11-27 = 560.60 /

560.60 /

SEC 17

123° 4 /

LAKE

HUGHES RD

FD SQ HD & TIN
SEE PG 162

188.14 /

REC (PG 162)

CONT PG

TOP 227

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Notes Ck'd by	Survey of SEC LINES
Map No.	JN 0302.91 Tape Std 84 °F
Office Work	Surveyed by M.R. NAVARRO
Checked	Notes M.R.N. Date 7-176
Date	Indexed

F. B. 5451 PG. 422

T5N R16W

PG 532

SEC 8

SEC 9

300.3±

A-16
FD 2" I.P CONC PLUG & TAG MKD "L.A. CO. ENGR" UP 2" SEE PG 163

H.P DIST.
361.057 @ 14-59-33 = 348.77

348.97 REC
348.77 MEAS
℄ LINE

1) 89-48-30
4) 359-15-00
6) 178-52-20
M: 89-48-43

89°-48-43"

SET 1x2 & NL ON LINE PROD.

0.05

0.19

249.60
℄ LINE

TOP 228

CONT PG

SET 2" I.P. CONC. PLUG & TAG MKD "L.A. CO. ENGR" UP 1" ON SIDEHILL. SET BY INT.

FD. 2" I.P CONC PLUG & TAG MKD "L.A. CO. ENGR" UP 1" ON SIDEHILL REMOVED SEE PG 163, 157

SEE PG 157 FOR CONT. OF THIS LINE

SEC 17

SEC 16

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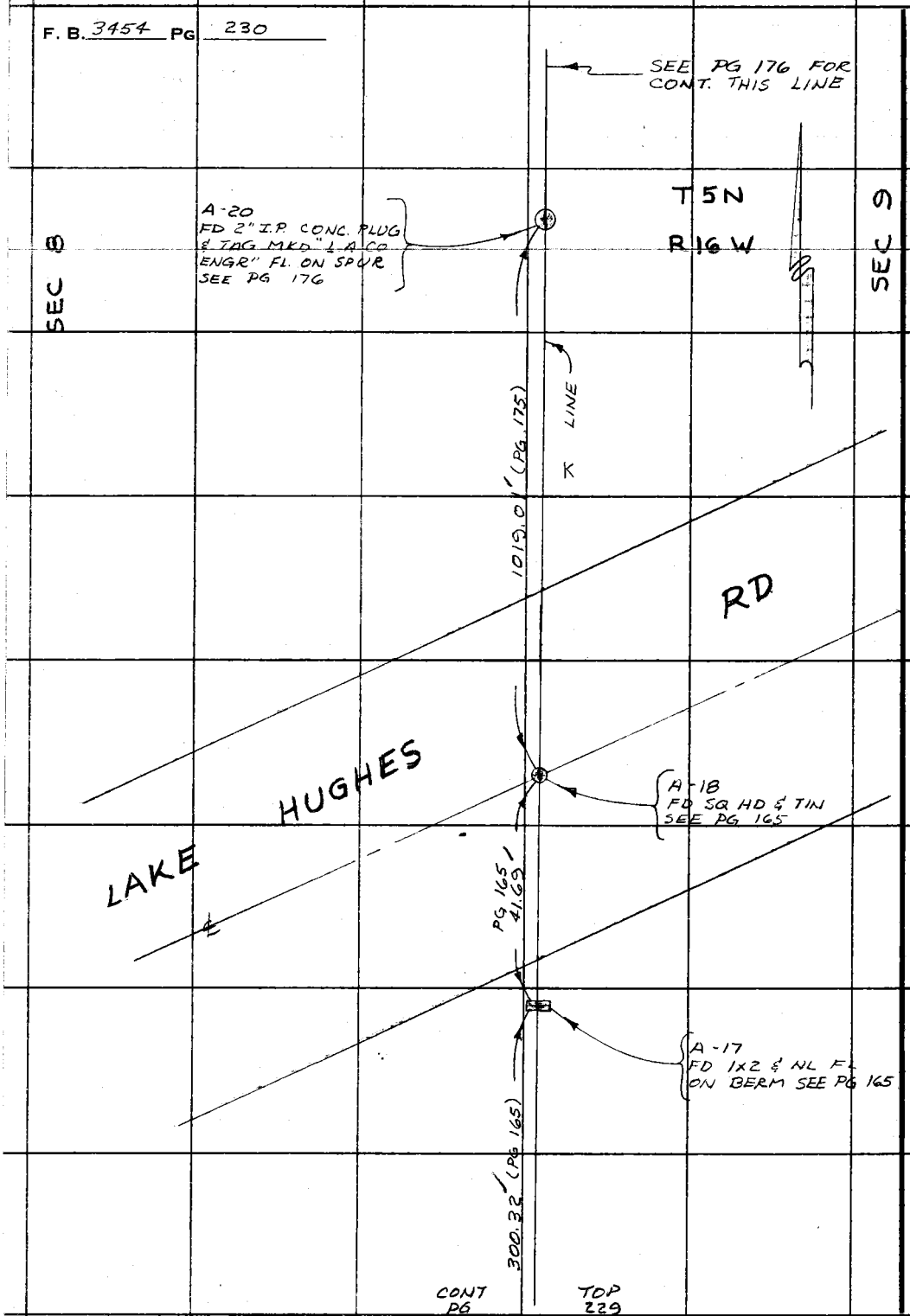
76F309S CE#310 3-69

F. B. 3454 PG 230



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Notes Ck'd by	Survey of SEC LINES
Map No.	JN 43024 Tape Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N. Date 7-76
Date	Indexed

F. B. 2454 PG.

T5N
R16W

PG 227

SEC 18

SEC 17

430.86 (PG 34)

B-4
FD 2" I.P. CONC PLUG & TAG MKD "L.A. CO. ENGR" EL. ON SPUR
SEE PG 34

SEC LINE

(SEE PG 33)

2285.02

COUNTY ENGINEER
T5
R16W
SEC 18
SEC 17
1/4 COR
R.E. 7078

1/4 SEC COR
FD MON. MARKED IN HANDHOLE
SEE PGS 33 & 40

108-54-10
SEE PG 40

(PER PG 40)

1.17'

LAKE

FD BT SPK W&T
SEE PG 40

(SEE PG 33 & 40)
198.83'

HUGHES

RD

CONT PG

TOP 232

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76F309S CE#310 3-69

F. B. 3454 PG 232

CONT PG 231

BOT

T5N - R16W

1) 180 - 00 - 30
4) 00 - 02 - 00
6) 00 - 02 - 40
M = 180 - 00 - 27 ✓

COUNTY ENGINEER
T5N
R16W
SEC 18 | SEC 17
W.C. 1/4 COR
R. E. 5869

188.83 ✓

180° - 00' -

WIT. COR.
FD MON. MARKED FL. ON SIDEHILL SEE PGS 33 & 40

TO VISITORS CTR ← PAVED ROAD → TO LAKE HUGHES RD

153.90 ✓

17 = 1

SEC 18

SEC 17

T = 92°

140.89 @ 86-33 = 140.63 ✓
140.79 @ 87-19 = 140.64 ✓ 140.64 ✓
@ LEV = 13.25 ✓
153.89 ✓
+ .01 ✓
153.90 ✓

SET 1X2 & NL.

1806.87 ✓

SET 2" I.P. CONC PLUG & TAG MKD "L.A. CO. ENGR" UP 2" TOP OF SPUR

B-2
FD 2" I.P. CONC. PLUG & TAG MKD "L.A. CO. ENGR" UP 2" SEE PG 32 REMOVED

1) 88-56-20
4) 355-45-30
6) 173-38-30
M = 88-56-25 ✓

0.07

FB 3818-132
489.39

88° 56' 25" ✓

COUNTY SURVEYOR
T5N
R16W
18 | 17
19 | 20
SEC COR
RE 2177

SEC. COR.
FD MON. MARKED UP 2" ON SOUTH SLOPE OF SPUR SEE PGS 31, 106 & 134

1032.27 (FB 3818-132)

H.P.
1815.487 @ 95-35-10 = 1806.87 ✓

SEE FB 3818-132

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Notes Ck'd by	Survey of	F. B. [illegible] PG. [illegible]
Map No.	JN 0302.01 Tape Std. °F	
Office Work	Surveyed by	
Checked	Notes MRN Date AUG 76	
Date	Indexed	

SEC. LINES

REMEASURE OF ANGLES IN
SEC 16 T5N R16W

JN 0302.01

REF
FB 3818

NEVAREZ
JACKSON
MANLEY
SCHERB

JONES
RODRIGUEZ
MIYAHIRA

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76F309S CE#310 3-69

F. B. 3454 PG. 234

T5N R16W

CONT PG LT

2515.18'

A-9
FD 2" I.P. CONC PLUG & TAG MKD "L.A.Co ENG.R" UP 2"
SEE PG 172

2273.01' (PG 168-172)

K LINE

SEC 9

SEC 16

A-1
FD 1X2 & NL FLR
TOP OF SPUR
SEE PG 168
(HELD)

339.33' (PG 167)

1) 89-39-10
4) 358-36-15
6) 177-54-15
M: 89-39-02

N 20-39-00 E

A-16
FD 2" I.P. CONC PLUG & TAG MKD "L.A. CO. ENGR" UP 2" SEE PGS 163, 229

5303.95

0.51

SET NL BY INT

FD 2" I.P. CONC PLUG & TAG MKD "L.A. CO. ENGR" UP 1" SEE PG 229

CONT. PG LT. BOT

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

Survey of SEC LINES
JN 0302-01 Tape Std
Surveyed by NEVAREZ
Notes MRR Date AUG 76
Indexed

F. B. 3454 PG. 435

T 5 N
R 10 W

SEC 9

ND-17
FD 2" I.P. CONC
PLUG & TAG MKD
L.A. CO. ENGR
SEE FB 3818-78

T = 80
61.61 @ 306-05 : 49.79 /
61.05 @ 305-22 : 49.78 / = 49.78 /
@ LEV = 9.04 /
58.82 /

ND-16A
SET PENCIL (+)
REC LINE & DIST
PER FB 3818-78

58.82' MEAS
58.76 REC

CONT TOP PG

2515.18' (PG 173)

K LINE

.06
89-10-00
.02

T = 84
60.71 @ 86-24 : 60.63 / = 60.63 /
60.77 @ 273-45 : 60.64 /
99.23 @ 76-15 : 96.39 / = 96.39 /
99.44 @ 284-12 : 96.40 /
60.98 @ 276-12 : 60.62 /
60.87 @ 275-16 : 60.61 / = 60.61 /
@ LEV = 286.05 /
503.68 /

FD 2" I.P. CONC PLUG
& TAG MKD LA CO ENGR
SEE FB 3818-78

503.68' MEAS
503.74 REC

K LINE 7

ND 15
FD 2" I.P. CONC PLUG
& TAG MKD LA CO. ENGR
SEE FB 3818-77

1) 89-10-00
4) 356-40-00
6) 175-00-00
M = 89-10-00 /

SEC 16

4817.58
(FB 3818-11-77)

CONT TOP PG 17

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76F309S CE#310 3-69

F. B. 3454 PG 236

T 5N R 16W

BOT

CONT PG

N.C. -24
FD 2" I.P. CONC
PLUG & TAG MKD
LA CO ENGR
FB 3818-71

9817.53 (FB 3818: 71-77)

90-38-25 REC & MEAS

1) 90-39-00
4) 2-33-40
6) 183-50-30
M = 90-38-25

SEC 16

SEC. 21

5018.40 (FB 3454: 118-124)

1) 147-20-30
4) 229-22-00
6) 164-03-00
M = 147-20-30

20-30

1) 123-12-00
4) 138-48-00
6) 19-12-00
M = 123-12-00

147

SET 1X2 & NL FL ON SDUR

LINE

123-12-00

CUT-OFF

90-32-30 CALC.

SEC. COR
FD MON MKD
FLUSH @ BASE
OF LARGE ROCK
SEE PG 188

BOT

5303.95 (SEE PG 157, 229)

CONT PG

SET 1X2 & NL FL.
LINE PT ONLY

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